



KEMENTERIAN EKONOMI
JABATAN PERANGKAAN MALAYSIA

INDEKS PENGELUARAN PERINDUSTRIAN *INDEX OF INDUSTRIAL PRODUCTION*

MALAYSIA [2015 = 100]

SEPTEMBER **2023**
SEPTEMBER

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PEMAKLUMAN

DOSM telah melancarkan OpenDOSM NextGen sebagai medium yang menyediakan katalog data dan visualisasi bagi memudahkan pengguna menganalisis pelbagai data. OpenDOSM NextGen ialah platform perkongsian data sumber terbuka dan boleh diakses melalui portal <https://open.dosm.gov.my>.

Jabatan Perangkaan Malaysia (DOSM) akan menjalankan Banci Pertanian pada tahun 2024. Mohon layari <https://www.myagricensus.gov.my> untuk maklumat lanjut. "Banci Pertanian, Kunci Kemajuan Pertanian."

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

ANNOUNCEMENT

DOSM has launched OpenDOSM NextGen as a medium that provides a catalogue of data and visualisation to facilitate users in analysing various data. OpenDOSM NextGen is an open source data sharing platform and accessible through <https://open.dosm.gov.my> portal.

The Department of Statistics Malaysia (DOSM) will conduct the Agricultural Census in 2024. Please visit <https://www.myagricensus.gov.my> for more information. "Agriculture Census, Key to Agriculture Development."

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

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DEPARTMENT OF STATISTICS MALAYSIA

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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 diperolehi daripada Survei Pembuatan Bulanan. Manakala pengeluaran minyak mentah, gas asli dan penjanaan tenaga elektrik diperolehi 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

November 2023

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

November 2023

KANDUNGAN

CONTENTS

| | |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| i-ii | Kata Pengantar <i>Preface</i> |
| iii | Kandungan <i>Contents</i> |
| iv | Kalendar Awalan Keluaran 2023 <i>Advance Release Calendar Year 2023</i> |
| | Bahagian I Ringkasan Penemuan <i>Section I Summary Findings</i> |
| | Infografik Indeks Pengeluaran Perindustrian (IPP), September 2023 <i>Infographic of Industrial Production Index (IPI), September 2023</i> |
| 1-8 | Ringkasan Indeks Pengeluaran Perindustrian (IPP), September 2023 <i>Summary of Industrial Production Index (IPI), September 2023</i> |
| | Bahagian II Jadual Statistik <i>Section II Statistical Tables</i> |
| 9 | Indeks Pengeluaran Perindustrian (IPP) dan Indeks Sektor (2015=100) <i>Industrial Production Index (IPI) and Sector Indices (2015=100)</i> |
| 10 | Pertumbuhan Indeks Pengeluaran Perindustrian (IPP) dan Indeks Sektor <i>Growth of Industrial Production Index (IPI) and Sector Indices</i> |
| 11-12 | Indeks Pengeluaran Perindustrian (IPP) dan Indeks Sektor (2015=100): Indeks Asal & Indeks Pelarasan Musim <i>Industrial Production Index (IPI) and Sector Indices (2015=100): Original Indices & Seasonally Adjusted Indices</i> |
| 13 | Indeks Perlombongan Peringkat Industri dan Komoditi (2015=100) <i>Mining Indices at Industry and Commodity Level (2015=100)</i> |
| 14-56 | Indeks Pembuatan Peringkat Industri (2015=100) <i>Manufacturing Indices at Industry Level (2015=100)</i> |
| 57-78 | Indeks Pembuatan Peringkat Kumpulan (2015=100) <i>Manufacturing Indices at Group Level (2015=100)</i> |
| 79 | Indeks Pembuatan Peringkat Bahagian (2015=100) <i>Manufacturing Indices at Division Level (2015=100)</i> |
| 80 | Peratus Perubahan Indeks Pembuatan Peringkat Bahagian <i>Percentage Change of Manufacturing Indices at Division Level</i> |
| 81 | Indeks Pembuatan mengikut Industri Berorientasikan Eksport dan Domestik (2015=100) <i>Manufacturing Indices by Exports and Domestic Oriented Industries (2015=100)</i> |
| 82 | Peratus Perubahan Indeks Pembuatan mengikut Industri Berorientasikan Eksport dan Domestik <i>Percentage Change of Manufacturing Indices by Exports and Domestic Oriented Industries</i> |
| 83-91 | Bahagian III Nota Teknikal <i>Section III Technical Notes</i> |
| 92-98 | Bahagian IV Lampiran <i>Section IV Appendix</i> |

KALENDAR AWALAN KELUARAN 2023

ADVANCE RELEASE CALENDAR 2023

| Bulan Rujukan <i>Reference Month</i> | Tarikh <i>Date</i> |
|------------------------------------------------|------------------------------|
| Januari 2023 <i>January 2023</i> | 13.03.2023 |
| Februari 2023 <i>February 2023</i> | 11.04.2023 |
| Mac 2023 <i>March 2023</i> | 09.05.2023 |
| April 2023 <i>April 2023</i> | 09.06.2023 |
| Mei 2023 <i>May 2023</i> | 12.07.2023 |
| Jun 2023 <i>June 2023</i> | 08.08.2023 |
| Julai 2023 <i>July 2023</i> | 11.09.2023 |
| Ogos 2023 <i>August 2023</i> | 12.10.2023 |
| September 2023 <i>September 2023</i> | 07.11.2023 |
| Oktober 2023 <i>October 2023</i> | 11.12.2023 |
| November 2023 <i>November 2023</i> | 11.01.2024 |
| Disember 2023 <i>December 2023</i> | 07.02.2024 |

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





Indeks Pengeluaran Perindustrian Malaysia September 2023

Indeks Pengeluaran Perindustrian menurun 0.5 peratus pada September 2023 berbanding setahun lalu, manakala bagi perbandingan bulanan berkembang dua bulan berturut-turut

IPP

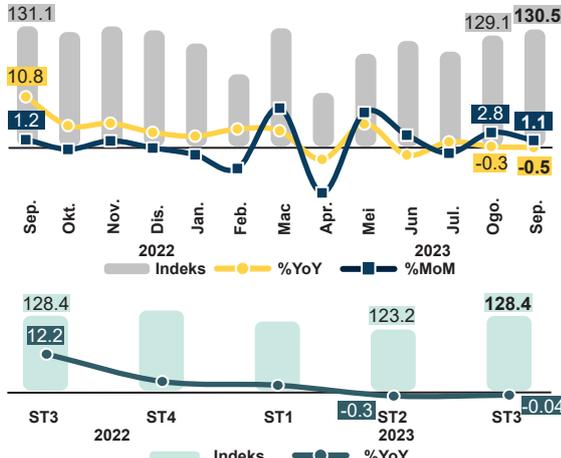


-0.5%

Ogos 2023: -0.3%

ST3 2023: -0.04%

ST2 2023: -0.3%



Perlombongan
-5.2%

Ogos 2023: 0.1%



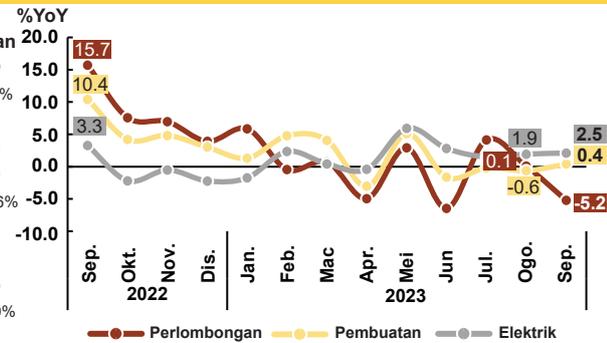
Pembuatan
0.4%

Ogos 2023: -0.6%



Elektrik
2.5%

Ogos 2023: 1.9%



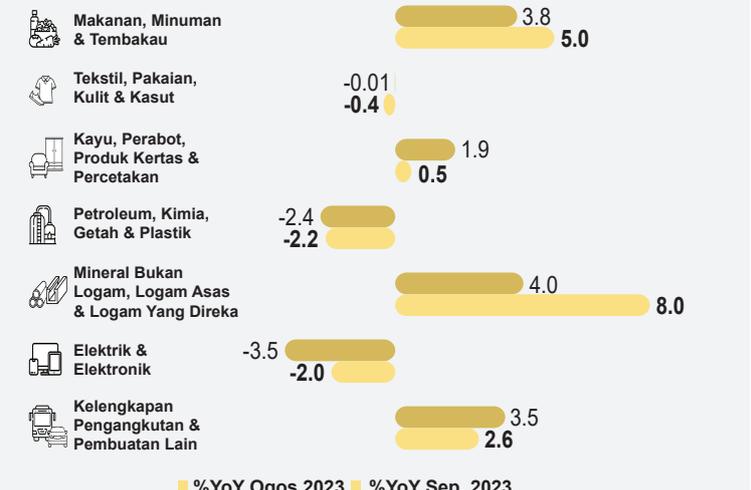
Industri Berorientasikan Eksport dan Domestik

Industri berorientasikan eksport menyusut 2.0 peratus manakala industri berorientasikan domestik berkembang 5.9 peratus

| Industri Berorientasikan Eksport | Perubahan (%) | Ogos 2023 (%) | Industri Berorientasikan Domestik | Perubahan (%) | Ogos 2023 (%) |
|------------------------------------------------------|---------------|---------------|-----------------------------------------------------------------|---------------|---------------|
| Pembuatan minyak & lemak daripada sayuran & haiwan | 0.4% | -2.6% | Pembuatan produk prosesan makanan | 8.2% | 4.2% |
| Pembuatan tekstil | -6.8% | - | Pembuatan minuman | 0.6% | - |
| Pembuatan pakaian | 4.7% | - | Pembuatan produk tembakau | 12.5% | - |
| Pembuatan kayu & produk kayu & gabus kecuali perabot | -3.8% | - | Pembuatan produk kulit & barangan berkaitan | 4.5% | - |
| Pembuatan kok & produk petroleum bertapis | -7.7% | - | Pembuatan kertas & produk kertas | 3.4% | - |
| Pembuatan kimia & produk kimia | 5.9% | - | Percetakan & penerbitan semula media rakaman | 8.9% | - |
| Pembuatan produk getah | -2.7% | - | Pembuatan produk farmaseutikal asas, kimia perubatan & botani | -6.7% | - |
| Pembuatan produk plastik | -0.7% | - | Pembuatan produk galian bukan logam lain | 8.0% | - |
| Pembuatan komputer, produk elektronik & optikal | -1.9% | - | Pembuatan logam asas | 5.6% | - |
| Pembuatan kelengkapan elektrik | -0.3% | - | Pembuatan produk logam yang direka, kecuali mesin & kelengkapan | 9.6% | - |
| Pembuatan jentera & peralatan t.t.t.] | -4.9% | - | Pembuatan kenderaan bermotor, treler & semi treler | 2.6% | - |
| Pembuatan perabot | -6.1% | - | Pembuatan kelengkapan pengangkutan lain | 1.9% | - |
| | | | Pembuatan lain | 0.7% | - |
| | | | Membaiki & pemasangan jentera & kelengkapan | 5.5% | - |

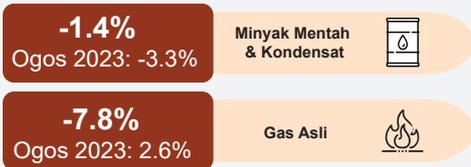
Pembuatan

Pengembangan dalam pengeluaran Pembuatan didorong terutamanya oleh subsektor Mineral Bukan Logam, Logam Asas & Logam Yang Direka (8.0%) dan Makanan, Minuman & Tembakau (5.0%)



Perlombongan

Pengeluaran sektor Perlombongan merosot 5.2 peratus pada September 2023. Trend penurunan tersebut dipengaruhi oleh Gas Asli dengan penurunan 7.8 peratus manakala Minyak Mentah & Kondensat terus berada dalam trend menurun, merekodkan negatif 1.4 peratus



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

Sumber: Indeks Pengeluaran Perindustrian Malaysia, September 2023, Jabatan Perangkaan Malaysia (DOSM)



Malaysia's Industrial Production Index September 2023

The Industrial Production Index slipped 0.5 per cent in September 2023 compared to a year ago, while expanding on a monthly basis for two consecutive months

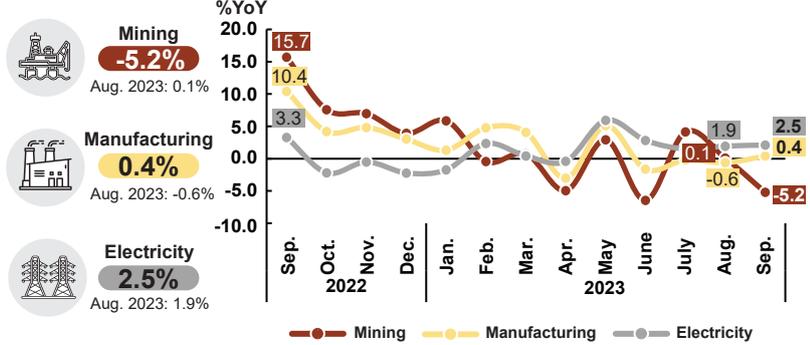
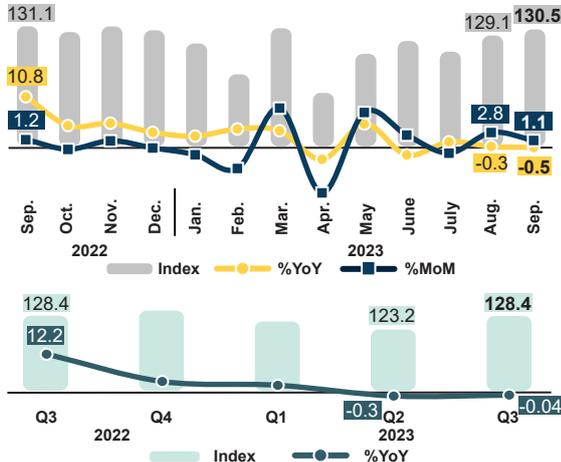
IPI



-0.5%
Aug. 2023: -0.3%

Q3 2023: -0.04%

Q2 2023: -0.3%



Export and Domestic-Oriented Industries

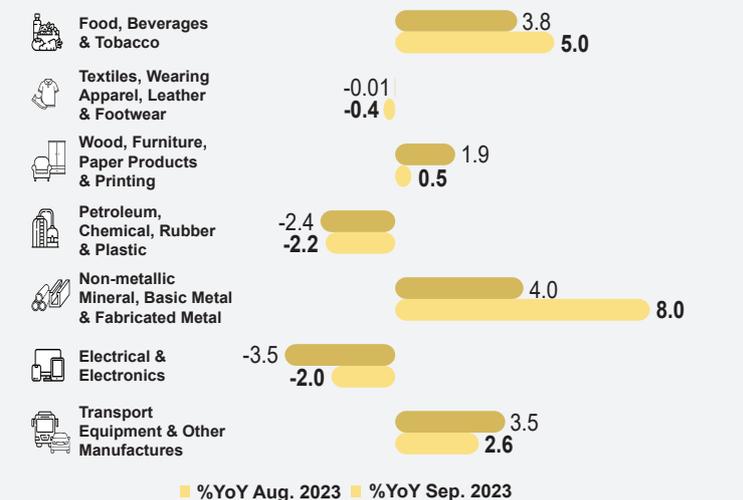
The export-oriented industries decreased by 2.0 per cent while the domestic-oriented industries accelerated by 5.9 per cent

Export-Oriented Industries -2.0% (Aug. 2023: -2.6%) **Domestic-Oriented Industries** 5.9% (Aug. 2023: 4.2%)

| Export-Oriented Industries | Domestic-Oriented Industries |
|-----------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 0.4% Manufacture of vegetable & animal oils & fats | 8.2% Manufacture of food processing products |
| -6.8% Manufacture of textiles | 0.6% Manufacture of beverages |
| 4.7% Manufacture of wearing apparel | 12.5% Manufacture of tobacco products |
| -3.8% Manufacture of wood & products of wood & cork, except furniture | 4.5% Manufacture of leather & related products |
| -7.7% Manufacture of coke & refined petroleum products | 3.4% Manufacture of paper & paper products |
| 5.9% Manufacture of chemicals & chemical products | 8.9% Printing & reproduction of recorded media |
| -2.7% Manufacture of rubber products | -6.7% Manufacture of basic pharmaceuticals, medicinal chemical & botanical products |
| -0.7% Manufacture of plastic products | 8.0% Manufacture of other non-metallic mineral products |
| -1.9% Manufacture of computer, electronics & optical products | 5.6% Manufacture of basic metals |
| -0.3% Manufacture of electrical equipment | 9.6% Manufacture of fabricated metal products, except machinery & equipment |
| -4.9% Manufacture of machinery & equipment n.e.c. | 2.6% Manufacture of motor vehicles, trailers & semi-trailers |
| -6.1% Manufacture of furniture | 1.9% Manufacture of other transport equipment |
| | 0.7% Other manufacturing |
| | 5.5% Repair & installation of machinery & equipment |

Manufacturing

The expansion in Manufacturing output was primarily fueled by the Non-metallic Mineral, Basic Metal & Fabricated Metal (8.0%) and Food, Beverages & Tobacco (5.0%) sub-sectors



Mining

The output in the Mining sector edged downward by 5.2 per cent in September 2023. The downward trend was influenced by Natural Gas with a decline of 7.8 per cent and Crude Oil & Condensate continued its declining trend, registering a negative 1.4 per cent



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

INDEKS PENGELUARAN PERINDUSTRIAN

SEPTEMBER 2023

Jadual Ringkas Indeks Pengeluaran Perindustrian

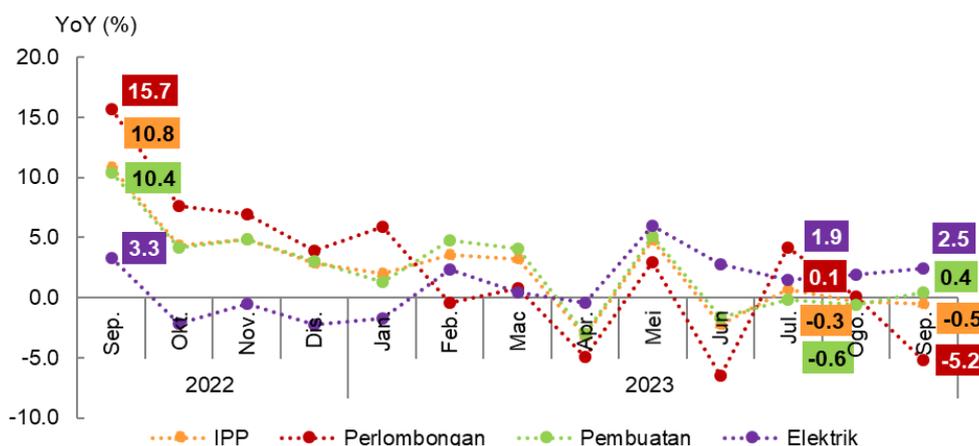
| SEKTOR | INDEKS ASAL | PERTUMBUHAN ^[1] YoY (%) | INDEKS PM ^[2] | PERTUMBUHAN ^[3] MoM (%) |
|-----------------------------------------------------------------------------------|-------------|---------------------------------------|--------------------------|---------------------------------------|
| IPP | 130.5 | -0.5 | 128.5 | -2.8 |
|  | 88.0 | -5.2 | 94.3 | 2.9 |
|  | 146.7 | 0.4 | 141.2 | -3.3 |
|  | 124.8 | 2.5 | 125.5 | -0.7 |

“ IPP susut **0.5%** pada September 2023 ”

1.0. Prestasi September 2023

Indeks Pengeluaran Perindustrian (IPP) menyusut **0.5 peratus** pada bulan September 2023 berbanding bulan yang sama pada tahun sebelumnya. Penurunan IPP dipengaruhi oleh kejatuhan **5.2 peratus** dalam sektor Perlombongan. Sementara itu, sektor Pembuatan kembali kepada pertumbuhan marginal **0.4 peratus** manakala sektor Elektrik meningkat **2.5 peratus**. 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 September 2023 menurun **2.8 peratus** berbanding positif 1.7 peratus yang dicatatkan pada bulan lalu. Kejatuhan tersebut disebabkan oleh kemerosotan dalam indeks Pembuatan (**-3.3%**) dan indeks Elektrik (**-0.7%**). Sebaliknya, indeks Perlombongan meningkat **2.9 peratus**.

Nota :

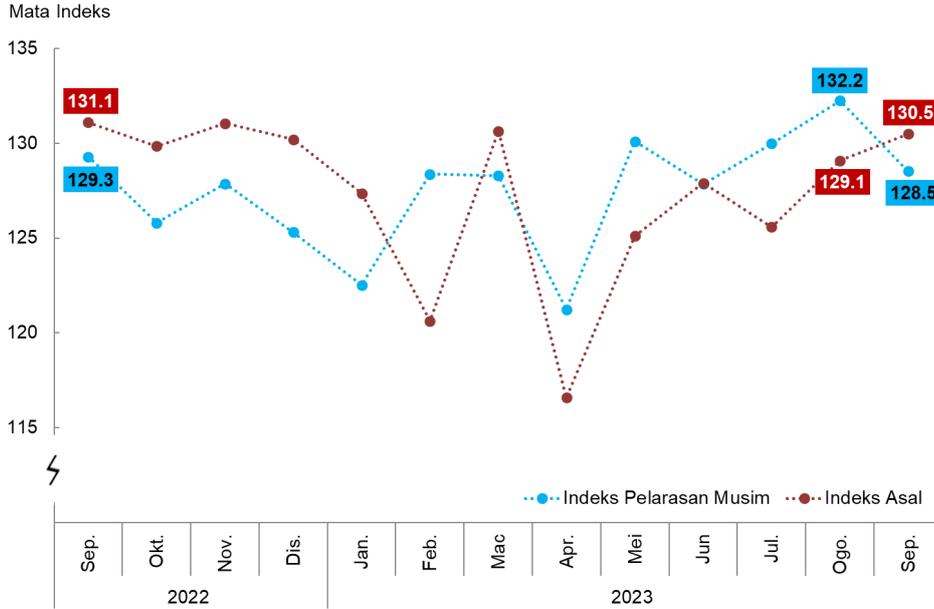
[1] Pertumbuhan Indeks Asal

[2] Pelarasan Musim

[3] Pertumbuhan Indeks Pelarasan Musim

Laporan ini boleh diperolehi daripada portal Jabatan Perangkaan Malaysia (<https://www.dosm.gov.my>) di bawah ruangan: Siaran Terkini. Data bagi bulan September 2023 merupakan data sementara. Data ini akan dikemaskini berdasarkan data terkini yang diperolehi dan akan diterbitkan dalam penerbitan bulan Oktober 2023.

Carta 2: IPP - Indeks Asal dan Indeks Pelarasan Bermusim

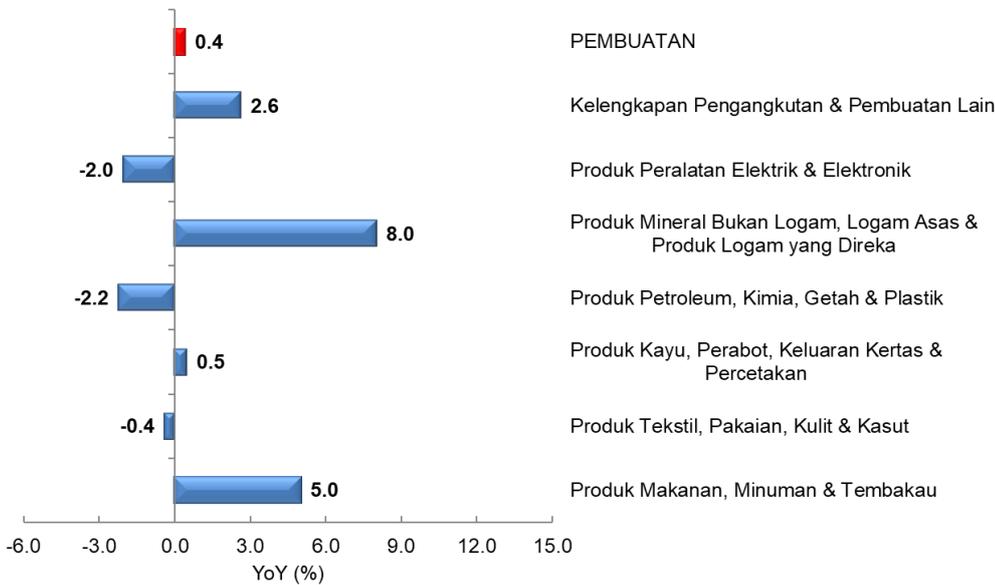


1.1. Prestasi Sektor Pembuatan

Output sektor Pembuatan kembali kepada pertumbuhan marginal **0.4 peratus** pada September 2023 selepas mencatatkan negatif 0.6 peratus pada bulan sebelumnya. Subsektor yang mendorong kepada pemulihan pada September 2023 adalah Produk mineral bukan logam, logam asas & produk logam yang direka (**8.0%**); dan Makanan, minuman & tembakau (**5.0%**). Butiran terperinci seperti dipaparkan di Carta 3.

“ Sektor Pembuatan kembali kepada pertumbuhan marginal **0.4%** pada September 2023 ”

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



“ Pengembangan sektor Pembuatan didorong terutamanya oleh **Produk mineral bukan logam, logam asas & produk logam yang direka** ”

1.2. Prestasi Sektor Perlombongan

Output sektor Perlombongan kembali merosot **5.2 peratus** pada September 2023 berbanding tempoh yang sama pada tahun sebelumnya. Kejatuhan tersebut dipengaruhi oleh Gas asli yang merekodkan pertumbuhan negatif **7.8 peratus** dan Minyak mentah & kondensat terus berada dalam trend penurunan dengan **1.4 peratus**.

“ Sektor Perlombongan merosot **5.2%** sementara, sektor Elektrik meningkat **2.5%** ”

1.3. Prestasi Sektor Elektrik

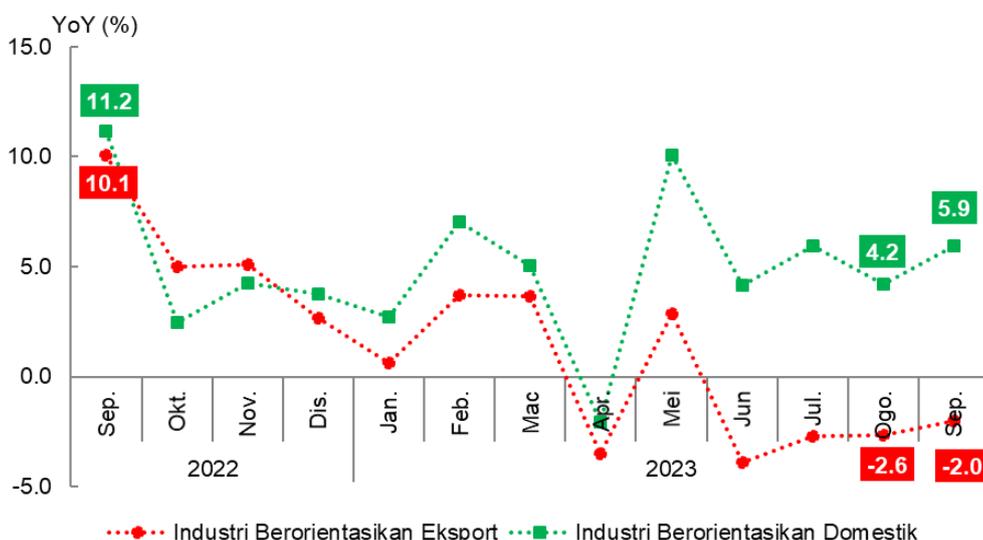
Output sektor Elektrik terus meningkat **2.5 peratus** pada September 2023 berbanding bulan yang sama pada tahun sebelumnya.

1.4. Prestasi Industri Berorientasikan Eksport dan Domestik Sektor Pembuatan

Pengembangan dalam pengeluaran Pembuatan didorong terutamanya oleh prestasi kukuh industri berorientasikan domestik yang berkembang **5.9 peratus** (Carta 4). Kenaikan ini diterajui oleh pembuatan produk logam yang direka, kecuali mesin & kelengkapan (**9.6%**); pembuatan produk prosesan makanan (**8.2%**); dan pembuatan produk galian bukan logam lain (**8.0%**). Sebaliknya, industri berorientasikan eksport kekal pada trend menurun walaupun dengan pertumbuhan negatif yang lebih kecil **2.0 peratus** dipengaruhi oleh pembuatan kok & produk petroleum bertapis (**-7.7%**); pembuatan jentera & peralatan t.t.t.l (**-4.9%**); dan pembuatan komputer, produk elektronik & optikal (**-1.9%**).

“ Industri berorientasikan domestik meningkat **5.9%** manakala, industri berorientasikan eksport kekal dalam trend menurun dengan negatif yang lebih kecil **2.0%** ”

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



Jadual Ringkas Indeks Pengeluaran Perindustrian Suku Tahunan

| SEKTOR | INDEKS ST3 2023 | YoY (%) | | | |
|-----------------------------------------------------------------------------------|-----------------|----------|----------|----------|----------|
| | | ST2 2022 | ST3 2022 | ST2 2023 | ST3 2023 |
| IPP | 128.4 | 6.7 | 12.2 | -0.3 | -0.04 |
|  | 90.7 | -2.2 | 8.6 | -2.8 | -0.4 |
|  | 142.3 | 9.3 | 13.4 | 0.1 | -0.1 |
|  | 128.1 | 5.8 | 8.7 | 2.8 | 2.0 |

“IPP menurun marginal **0.04%** pada suku ketiga 2023”

2.0. Prestasi Suku Ketiga 2023

Analisis prestasi bagi suku ketiga 2023, IPP mencatatkan penurunan marginal **0.04 peratus** berbanding tempoh yang sama tahun sebelumnya. Pada tempoh tersebut, indeks Perlombongan dan indeks Pembuatan masing-masing menurun **0.4 peratus** dan **0.1 peratus**. Namun begitu, indeks Elektrik meningkat **2.0 peratus**, meneruskan momentum positif bagi tiga suku tahun berturut-turut.

Jadual Ringkas Indeks Pengeluaran Perindustrian Januari-September

| SEKTOR | INDEKS JAN. - SEPTEMBER 2023 | JAN. - SEPTEMBER 2022 YoY (%) | JAN. - SEPTEMBER 2023 YoY (%) |
|-------------------------------------------------------------------------------------|------------------------------|-------------------------------|-------------------------------|
| IPP | 125.9 | 7.7 | 0.8 |
|  | 92.5 | 1.0 | -0.4 |
|  | 138.3 | 9.7 | 1.1 |
|  | 125.3 | 5.5 | 1.7 |

“IPP meningkat pada kadar yang lebih perlahan **0.8%** bagi tempoh Januari hingga September 2023”

2.1. Prestasi Januari - September 2023

IPP bagi tempoh Januari hingga September 2023 meningkat pada kadar yang lebih perlahan sebanyak **0.8 peratus** berbanding dengan tempoh yang sama tahun sebelumnya. Prestasi tersebut disokong oleh indeks Pembuatan (**1.1%**); dan indeks Elektrik (**1.7%**). Namun begitu, indeks Perlombongan susut **0.4 peratus**.

INDUSTRIAL PRODUCTION INDEX

SEPTEMBER 2023

Summary Table of Industrial Production Index

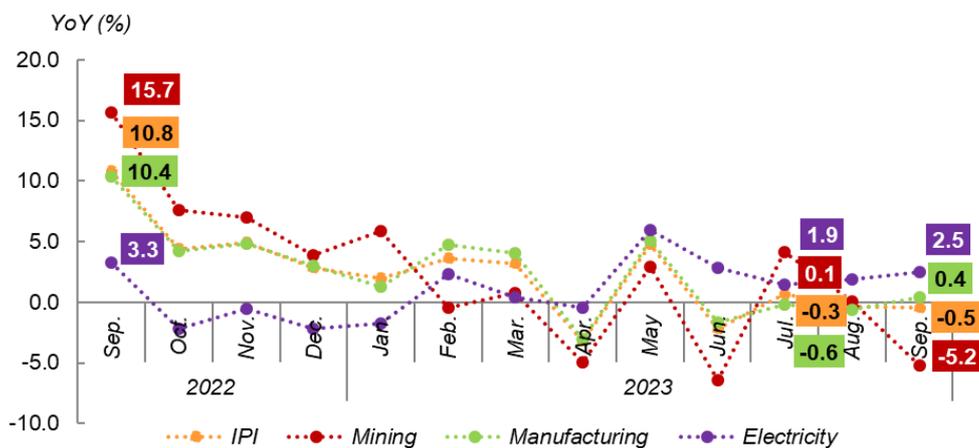
| SECTOR | ORIGINAL INDEX | GROWTH ^[1] YoY (%) | INDEX SA ^[2] | GROWTH ^[3] MoM (%) |
|-----------------------------------------------------------------------------------|----------------|-------------------------------|-------------------------|-------------------------------|
| IPI | 130.5 | -0.5 | 128.5 | -2.8 |
|  | 88.0 | -5.2 | 94.3 | 2.9 |
|  | 146.7 | 0.4 | 141.2 | -3.3 |
|  | 124.8 | 2.5 | 125.5 | -0.7 |

**“ IPI slipped 0.5%
 in September
 2023 ”**

1.0. Performance in September 2023

The Industrial Production Index (IPI) slipped **0.5 per cent** in September 2023 as compared to the same month of the previous year. The decrease of IPI was influenced by **5.2 per cent** downturn in the Mining sector. Meanwhile, Manufacturing sector returned to a marginal growth of **0.4 per cent** while the Electricity sector ascended by **2.5 per cent**. 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



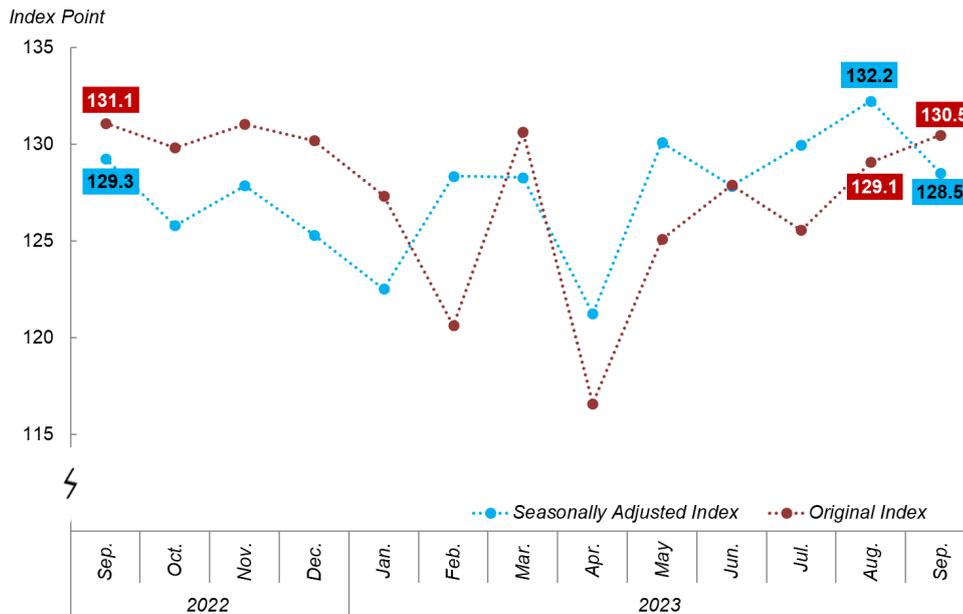
In a seasonally adjusted terms, IPI in September 2023 declined by **2.8 per cent** as compared to the positive 1.7 per cent registered in the previous month. The decrease was attributed by the downturn in the Manufacturing index (-3.3%) and Electricity index (-0.7%). On the other hand, the Mining index increased by **2.9 per cent**.

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 September 2023 is provisional. The data will be updated based on the latest available figures and subsequently published in October 2023 publication.

Chart 2: IPI - Original and Seasonally Adjusted Index

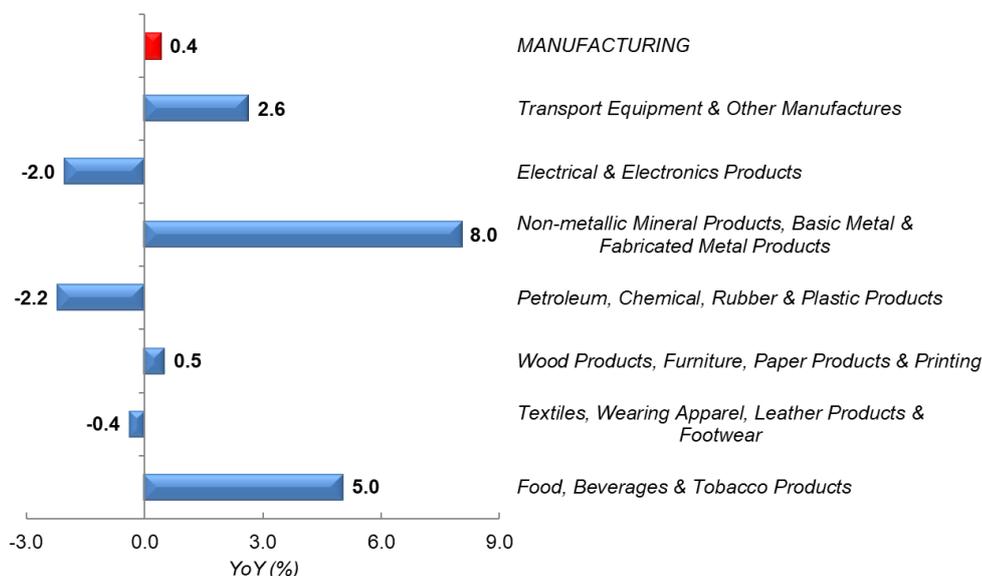


1.1. Performance of Manufacturing Sector

The Manufacturing output returned to a marginal growth of **0.4 per cent** in September 2023 after registering negative 0.6 per cent in the previous month. The subsectors that contributed to the rebound in September 2023 were Non-metallic mineral products, basic metal & fabricated metal products (**8.0%**); and Food, beverages & tobacco (**5.0%**). The details are as depicted in Chart 3.

“ Manufacturing sector returned to a marginal growth of **0.4%** in September 2023 ”

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



“ The expansion in Manufacturing sector was primarily fueled by the **Non-metallic mineral products, basic metal & fabricated metal products** ”

1.2. Performance of Mining Sector

The output in the Mining sector turned downward by **5.2 per cent** in September 2023 as compared to the same period of the previous year. The deterioration was influenced by Natural gas which recorded negative growth of **7.8 per cent** and Crude oil & condensate continued its declining trend with **1.4 per cent**.

“ The Mining sector decreased by **5.2%** while the Electricity sector increased by **2.5%** ”

1.3. Performance of Electricity Sector

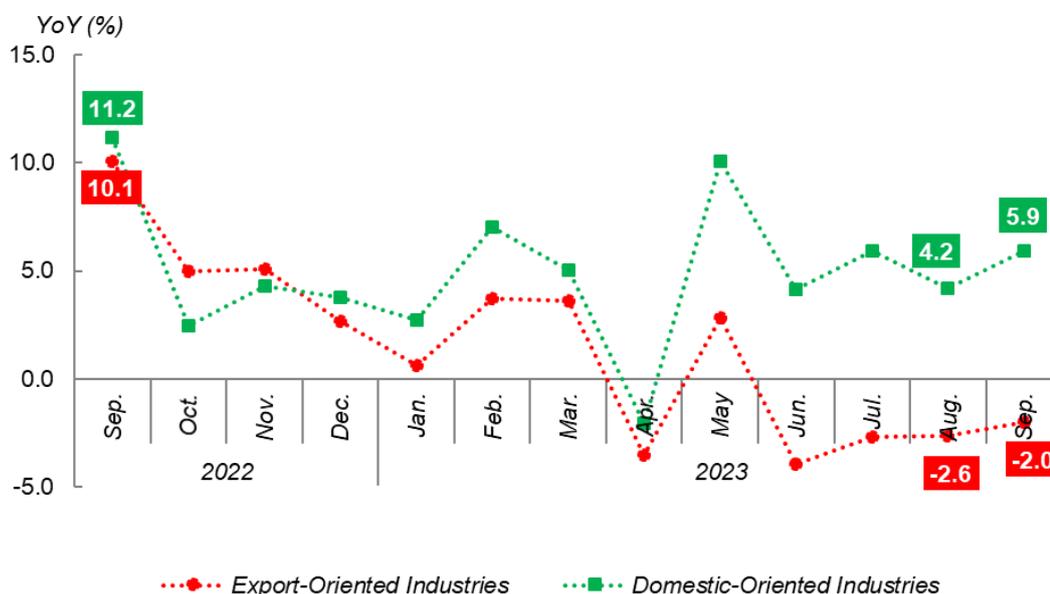
The Electricity sector output advanced further by **2.5 per cent** in September 2023 as compared to the same month of the preceding year.

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

The expansion in Manufacturing output was primarily fueled by the steady performance of domestic-oriented industries, which accelerated by **5.9 per cent** (Chart 4). This upturn was underpinned by the manufacture of fabricated metal products, except machinery & equipment (**9.6%**); manufacture of food processing products (**8.2%**); and manufacture of other non-metallic mineral products (**8.0%**). Conversely, the export-oriented industries remained on a downward trend, albeit with a smaller negative growth of **2.0 per cent** influenced by the manufacture of coke & refined petroleum products (**-7.7%**); manufacture of machinery & equipment n.e.c. (**-4.9%**); and manufacture of computer, electronics & optical products (**-1.9%**).

“ Domestic-oriented industries accelerated by **5.9%** while, export-oriented industries remained on a downward trend with a smaller negative of **2.0%** ”

Chart 4: Export and Domestic Oriented Industries of The Manufacturing



Summary Table of Quarterly Industrial Production Index

| SECTOR | INDEX Q3 2023 | YoY (%) | | | |
|-----------------------------------------------------------------------------------|---------------|---------|---------|---------|---------|
| | | Q2 2022 | Q3 2022 | Q2 2023 | Q3 2023 |
| IPI | 128.4 | 6.7 | 12.2 | -0.3 | -0.04 |
|  | 90.7 | -2.2 | 8.6 | -2.8 | -0.4 |
|  | 142.3 | 9.3 | 13.4 | 0.1 | -0.1 |
|  | 128.1 | 5.8 | 8.7 | 2.8 | 2.0 |

“ IPI declined marginally by 0.04% in the third quarter 2023 ”

2.0. Performance of Third Quarter 2023

Analysing the performance for the third quarter 2023, the IPI registered a marginal decline of **0.04 per cent** as compared to the same period of the previous year. During the period, the Mining and Manufacturing indices decreased by **0.4 per cent** and **0.1 per cent** respectively. Nevertheless, the Electricity index increased by **2.0 per cent**, continuing the positive momentum for three consecutive quarters.

Summary Table of Industrial Production Index for January-September

| SECTOR | INDEX JAN. - SEPTEMBER | JAN. - SEPTEMBER 2022 YoY (%) | JAN. - SEPTEMBER 2023 YoY (%) |
|-------------------------------------------------------------------------------------|------------------------|-------------------------------|-------------------------------|
| IPI | 125.9 | 7.7 | 0.8 |
|  | 92.5 | 1.0 | -0.4 |
|  | 138.3 | 9.7 | 1.1 |
|  | 125.3 | 5.5 | 1.7 |

“ IPI grew at a slower rate of 0.8% for the period of January to September 2023 ”

2.1. Performance of January - September 2023

The IPI in the period of January to September 2023 grew at a slower rate of **0.8 per cent** as compared to the same period of the previous year. This performance was supported by the Manufacturing index (**1.1%**); and Electricity index (**1.7%**). Nonetheless, the Mining index dipped by **0.4 per cent**.



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 <i>Year</i> | Tempoh <i>Period</i> | IPP <i>IPI</i> | Perlombongan <i>Mining</i> | Pembuatan <i>Manufacturing</i> | Elektrik <i>Electricity</i> |
|-----------------------------|-------------------------|----------------------|-------------------------------|-----------------------------------|--------------------------------|
| Sektor/ Sectors | | Jumlah/ Total | B | C | D |
| Wajaran/ Weight 2015 | | 100.00 | 25.14 | 68.25 | 6.61 |
| 2021 | | 118.3 | 91.8 | 128.1 | 118.6 |
| 2022 | | 126.2 | 93.9 | 138.5 | 122.9 |
| 2022 | Q1 | 122.6 | 94.7 | 133.2 | 119.4 |
| | Q2 | 123.6 | 92.8 | 134.8 | 124.7 |
| | Q3 | 128.4 | 91.0 | 142.5 | 125.6 |
| | Q4 | 130.4 | 97.0 | 143.5 | 121.8 |
| 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 | 128.1 |
| 2022 | (Jan.-Sep.) | 124.9 | 92.8 | 136.8 | 123.2 |
| 2023 | (Jan.-Sep.) | 125.9 | 92.5 | 138.3 | 125.3 |
| 2022 | Jan. | 124.9 | 95.0 | 136.1 | 122.2 |
| | Feb. | 116.4 | 91.3 | 126.4 | 109.3 |
| | Mar. | 126.6 | 97.9 | 137.2 | 126.6 |
| | Apr. | 120.5 | 92.7 | 130.4 | 123.5 |
| | May | 119.4 | 92.1 | 128.8 | 126.9 |
| | Jun. | 130.8 | 93.6 | 145.2 | 123.8 |
| | Jul. | 124.7 | 90.8 | 136.9 | 127.6 |
| | Aug. | 129.5 | 89.4 | 144.5 | 127.4 |
| | Sep. | 131.1 | 92.8 | 146.1 | 121.8 |
| | Oct. | 129.8 | 94.5 | 143.4 | 124.2 |
| | Nov. | 131.1 | 97.8 | 144.4 | 120.0 |
| | Dec. | 130.2 | 98.8 | 142.6 | 121.1 |
| 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 | 129.5 |
| | Aug. | 129.1 | 89.4 | 143.6 | 129.9 |
| | Sep. | 130.5 | 88.0 | 146.7 | 124.8 |

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 <i>change year- on-year</i> | % Perubahan bulan ke bulan <i>change month- on-month</i> | % Perubahan tahun ke tahun <i>change year- on-year</i> | % Perubahan bulan ke bulan <i>change month- on-month</i> | % Perubahan tahun ke tahun <i>change year- on-year</i> | % Perubahan bulan ke bulan <i>change month- on-month</i> | % Perubahan tahun ke tahun <i>change year- on-year</i> | % Perubahan bulan ke bulan <i>change month- on-month</i> |
| | | Jumlah/ Total | | B | C | | D | | |
| Wajaran/ Weight 2015 | | 100.00 | | 25.14 | 68.25 | | 6.61 | | |
| 2021 | | 7.4 | | 1.5 | | 9.5 | | 2.5 | |
| 2022 | | 6.7 | | 2.2 | | 8.2 | | 3.6 | |
| 2022 | Q1 | 4.2 | | -2.5 | | 6.3 | | 2.0 | |
| | Q2 | 6.7 | | -2.2 | | 9.3 | | 5.8 | |
| | Q3 | 12.2 | | 8.6 | | 13.4 | | 8.7 | |
| | Q4 | 4.0 | | 6.1 | | 4.0 | | -1.7 | |
| 2023 | Q1 | 2.9 | | 2.1 | | 3.4 | | 0.3 | |
| | Q2 | -0.3 | | -2.8 | | 0.1 | | 2.8 | |
| | Q3 | -0.04 | | -0.4 | | -0.1 | | 2.0 | |
| 2022 | (Jan.-Sep.) | 7.7 | | 1.0 | | 9.7 | | 5.5 | |
| 2023 | (Jan.-Sep.) | 0.8 | | -0.4 | | 1.1 | | 1.7 | |
| 2022 | Jan. | 4.0 | -1.4 | -5.9 | -0.2 | 6.8 | -1.7 | 5.7 | -1.3 |
| | Feb. | 3.6 | -6.7 | -1.0 | -3.8 | 5.2 | -7.2 | 0.3 | -10.5 |
| | Mar. | 4.9 | 8.7 | -0.4 | 7.2 | 6.9 | 8.5 | 0.03 | 15.9 |
| | Apr. | 4.5 | -4.8 | -0.3 | -5.3 | 6.2 | -4.9 | 1.0 | -2.5 |
| | May | 3.6 | -0.9 | -7.4 | -0.6 | 6.9 | -1.3 | 3.0 | 2.7 |
| | Jun. | 11.8 | 9.5 | 1.3 | 1.6 | 14.4 | 12.8 | 14.6 | -2.5 |
| | Jul. | 12.7 | -4.7 | 4.4 | -3.0 | 14.9 | -5.7 | 13.1 | 3.1 |
| | Aug. | 13.2 | 3.9 | 6.1 | -1.6 | 15.2 | 5.6 | 9.8 | -0.1 |
| | Sep. | 10.8 | 1.2 | 15.7 | 3.8 | 10.4 | 1.1 | 3.3 | -4.5 |
| | Oct. | 4.4 | -1.0 | 7.6 | 1.8 | 4.2 | -1.8 | -2.2 | 2.0 |
| | Nov. | 4.9 | 0.9 | 7.0 | 3.5 | 4.8 | 0.7 | -0.5 | -3.4 |
| | Dec. | 2.8 | -0.6 | 3.9 | 1.1 | 3.0 | -1.2 | -2.2 | 0.9 |
| 2023 | Jan. | 2.0 | -2.2 | 5.9 | 1.7 | 1.3 | -3.3 | -1.7 | -0.8 |
| | Feb. | 3.6 | -5.3 | -0.5 | -9.6 | 4.8 | -4.0 | 2.3 | -6.8 |
| | Mar. | 3.2 | 8.3 | 0.8 | 8.5 | 4.1 | 7.8 | 0.4 | 13.7 |
| | Apr. | -3.2 | -10.8 | -4.9 | -10.7 | -3.0 | -11.4 | -0.4 | -3.3 |
| | May | 4.8 | 7.3 | 2.9 | 7.6 | 5.1 | 7.0 | 5.9 | 9.3 |
| | Jun. | -2.2 | 2.2 | -6.4 | -7.7 | -1.6 | 5.5 | 2.8 | -5.3 |
| | Jul. | 0.7 | -1.8 | 4.2 | 8.0 | -0.2 | -4.3 | 1.5 | 1.8 |
| | Aug. | -0.3 | 2.8 | 0.1 | -5.4 | -0.6 | 5.1 | 1.9 | 0.3 |
| | Sep. | -0.5 | 1.1 | -5.2 | -1.6 | 0.4 | 2.2 | 2.5 | -4.0 |

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) |
| | | <i>Original Index</i> | <i>Seasonally Adjusted Index (SA)</i> | <i>% Change month- on-month (SA)</i> | <i>Original Index</i> | <i>Seasonally Adjusted Index (SA)</i> | <i>% Change month- on-month (SA)</i> |
| Sektor/ Sectors | | Jumlah/ Total | | | B | | |
| Wajaran/Weight 2015 | | 100.00 | | | 25.14 | | |
| 2021 | Jan. | 120.0 | 115.3 | 0.0 | 100.9 | 93.0 | 0.7 |
| | Feb. | 112.4 | 119.8 | 4.0 | 92.3 | 93.7 | 0.8 |
| | Mar. | 120.6 | 118.4 | -1.2 | 98.3 | 92.4 | -1.4 |
| | Apr. | 115.3 | 119.5 | 0.9 | 92.9 | 93.9 | 1.6 |
| | May | 115.3 | 118.4 | -0.9 | 99.4 | 96.4 | 2.7 |
| | Jun. | 116.9 | 116.8 | -1.4 | 92.3 | 93.8 | -2.7 |
| | Jul. | 110.6 | 114.1 | -2.4 | 86.9 | 91.3 | -2.8 |
| | Aug. | 114.5 | 114.0 | -0.1 | 84.3 | 88.4 | -3.1 |
| | Sep. | 118.3 | 116.9 | 2.6 | 80.2 | 86.7 | -2.0 |
| | Oct. | 124.4 | 120.2 | 2.7 | 87.8 | 87.6 | 1.1 |
| | Nov. | 124.9 | 122.1 | 1.6 | 91.4 | 88.9 | 1.5 |
| | Dec. | 126.6 | 121.9 | -0.2 | 95.1 | 90.0 | 1.3 |
| 2022 | Jan. | 124.9 | 120.2 | -1.4 | 95.0 | 88.2 | -2.0 |
| | Feb. | 116.4 | 124.2 | 3.3 | 91.3 | 92.9 | 5.3 |
| | Mar. | 126.6 | 124.4 | 0.1 | 97.9 | 92.5 | -0.4 |
| | Apr. | 120.5 | 125.2 | 0.67 | 92.7 | 93.7 | 1.3 |
| | May | 119.4 | 123.8 | -1.1 | 92.1 | 91.6 | -2.2 |
| | Jun. | 130.8 | 130.8 | 5.7 | 93.6 | 95.9 | 4.6 |
| | Jul. | 124.7 | 128.7 | -1.6 | 90.8 | 94.1 | -1.8 |
| | Aug. | 129.5 | 129.3 | 0.4 | 89.4 | 95.7 | 1.7 |
| | Sep. | 131.1 | 129.3 | 0.0 | 92.8 | 99.6 | 4.0 |
| | Oct. | 129.8 | 125.8 | -2.7 | 94.5 | 95.6 | -4.0 |
| | Nov. | 131.1 | 127.9 | 1.6 | 97.8 | 94.5 | -1.2 |
| | Dec. | 130.2 | 125.3 | -2.0 | 98.8 | 93.7 | -0.8 |
| 2023 | Jan. | 127.4 | 122.5 | -2.2 | 100.5 | 93.3 | -0.4 |
| | Feb. | 120.6 | 128.4 | 4.8 | 90.9 | 92.3 | -1.1 |
| | Mar. | 130.6 | 128.3 | -0.06 | 98.6 | 93.1 | 1.0 |
| | Apr. | 116.6 | 121.2 | -5.5 | 88.1 | 89.0 | -4.4 |
| | May | 125.1 | 130.1 | 7.3 | 94.8 | 94.3 | 5.9 |
| | Jun. | 127.9 | 127.9 | -1.7 | 87.5 | 89.6 | -5.0 |
| | Jul. | 125.6 | 130.0 | 1.7 | 94.6 | 98.0 | 9.3 |
| | Aug. | 129.1 | 132.2 | 1.7 | 89.4 | 91.7 | -6.4 |
| | Sep. | 130.5 | 128.5 | -2.8 | 88.0 | 94.3 | 2.9 |

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) |
| | | <i>Original Index</i> | <i>Seasonally Adjusted Index (SA)</i> | <i>% Change month- on-month (SA)</i> | <i>Original Index</i> | <i>Seasonally Adjusted Index (SA)</i> | <i>% Change month- on-month (SA)</i> |
| Sektor/ Sectors | | C | | | D | | |
| Wajaran/Weight 2015 | | 68.25 | | | 6.61 | | |
| 2021 | Jan. | 127.5 | 123.9 | 0.1 | 115.6 | 113.4 | -3.0 |
| | Feb. | 120.1 | 129.5 | 4.6 | 109.0 | 118.7 | 4.7 |
| | Mar. | 128.3 | 127.9 | -1.3 | 126.6 | 122.0 | 2.7 |
| | Apr. | 122.8 | 129.2 | 1.0 | 122.3 | 120.5 | -1.2 |
| | May | 120.4 | 126.8 | -1.9 | 123.2 | 119.8 | -0.6 |
| | Jun. | 126.9 | 126.0 | -0.6 | 108.0 | 109.4 | -8.7 |
| | Jul. | 119.1 | 121.4 | -3.7 | 112.8 | 109.5 | 0.1 |
| | Aug. | 125.4 | 123.4 | 1.6 | 116.0 | 112.7 | 2.9 |
| | Sep. | 132.3 | 127.8 | 3.6 | 117.9 | 117.6 | 4.3 |
| | Oct. | 137.6 | 132.0 | 3.3 | 127.0 | 123.1 | 4.6 |
| | Nov. | 137.7 | 134.0 | 1.5 | 120.6 | 121.1 | -1.6 |
| | Dec. | 138.5 | 133.8 | -0.2 | 123.8 | 122.2 | 0.9 |
| 2022 | Jan. | 136.1 | 132.2 | -1.2 | 122.2 | 121.0 | -0.99 |
| | Feb. | 126.4 | 136.1 | 3.0 | 109.3 | 122.9 | 1.6 |
| | Mar. | 137.2 | 136.6 | 0.3 | 126.6 | 122.9 | 0.0 |
| | Apr. | 130.4 | 137.5 | 0.7 | 123.5 | 122.3 | -0.4 |
| | May | 128.8 | 136.4 | -0.8 | 126.9 | 123.3 | 0.8 |
| | Jun. | 145.2 | 144.1 | 5.6 | 123.8 | 126.0 | 2.2 |
| | Jul. | 136.9 | 140.3 | -2.6 | 127.6 | 124.2 | -1.4 |
| | Aug. | 144.5 | 142.0 | 1.2 | 127.4 | 124.1 | -0.1 |
| | Sep. | 146.1 | 140.8 | -0.8 | 121.8 | 122.2 | -1.5 |
| | Oct. | 143.4 | 137.5 | -2.3 | 124.2 | 121.7 | -0.4 |
| | Nov. | 144.4 | 140.3 | 2.0 | 120.0 | 122.0 | 0.2 |
| | Dec. | 142.6 | 137.6 | -1.9 | 121.1 | 120.7 | -1.0 |
| 2023 | Jan. | 137.9 | 133.9 | -2.7 | 120.1 | 118.6 | -1.8 |
| | Feb. | 132.4 | 142.5 | 6.4 | 111.9 | 122.9 | 3.7 |
| | Mar. | 142.8 | 142.1 | -0.3 | 127.2 | 123.6 | 0.6 |
| | Apr. | 126.5 | 133.5 | -6.0 | 123.0 | 121.8 | -1.5 |
| | May | 135.4 | 143.8 | 7.7 | 134.4 | 132.3 | 8.6 |
| | Jun. | 142.8 | 141.6 | -1.5 | 127.3 | 129.9 | -1.8 |
| | Jul. | 136.6 | 140.3 | -0.9 | 129.5 | 127.3 | -2.0 |
| | Aug. | 143.6 | 146.0 | 4.0 | 129.9 | 126.4 | -0.7 |
| | Sep. | 146.7 | 141.2 | -3.3 | 124.8 | 125.5 | -0.7 |

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) | |
| | | <i>Extraction of Crude Petroleum and Natural Gas</i> | | <i>Extraction of crude Petroleum Oils & Condensates</i> | | <i>Production of Crude Gaseous Hydrocarbon (Natural Gas)</i> | |
| | | Kod/ Codes | 06 | 06101 | | 06201 | |
| | | Wajaran/Weight 2015 | 25.14 | 12.22 | | 12.92 | |
| 2021 | | 91.8 | 1.5 | 80.8 | -5.2 | 102.3 | 7.1 |
| 2022 | | 93.9 | 2.2 | 78.6 | -2.7 | 108.3 | 5.9 |
| 2022 | Q1 | 94.7 | -2.5 | 78.3 | -9.4 | 110.3 | 2.7 |
| | Q2 | 92.8 | -2.2 | 78.4 | -6.4 | 106.3 | 0.9 |
| | Q3 | 91.0 | 8.6 | 76.4 | 1.9 | 104.8 | 13.7 |
| | Q4 | 97.0 | 6.1 | 81.3 | 4.4 | 111.9 | 7.3 |
| 2023 | Q1 | 96.7 | 2.1 | 81.6 | 4.2 | 111.0 | 0.6 |
| | Q2 | 90.1 | -2.8 | 77.2 | -1.6 | 102.4 | -3.7 |
| | Q3 | 90.7 | -0.4 | 78.1 | 2.2 | 102.6 | -2.1 |
| 2022 | (Jan.-Sep.) | 92.8 | 1.0 | 77.7 | -4.9 | 107.1 | 5.4 |
| 2023 | (Jan.-Sep.) | 92.5 | -0.4 | 78.9 | 1.6 | 105.3 | -1.7 |
| 2022 | Jan. | 95.0 | -5.9 | 76.9 | -15.3 | 112.0 | 1.4 |
| | Feb. | 91.3 | -1.0 | 77.1 | -4.8 | 104.8 | 1.8 |
| | Mar. | 97.9 | -0.4 | 80.9 | -7.5 | 114.0 | 5.1 |
| | Apr. | 92.7 | -0.3 | 78.3 | -2.8 | 106.3 | 1.6 |
| | May | 92.1 | -7.4 | 77.7 | -11.2 | 105.7 | -4.4 |
| | Jun. | 93.6 | 1.3 | 79.3 | -4.8 | 107.0 | 6.2 |
| | Jul. | 90.8 | 4.4 | 73.3 | -5.5 | 107.3 | 12.0 |
| | Aug. | 89.4 | 6.1 | 78.5 | 4.5 | 99.6 | 7.2 |
| | Sep. | 92.8 | 15.7 | 77.4 | 7.1 | 107.3 | 22.3 |
| | Oct. | 94.5 | 7.6 | 79.1 | 4.6 | 109.0 | 9.7 |
| | Nov. | 97.8 | 7.0 | 80.6 | 4.6 | 114.0 | 8.6 |
| | Dec. | 98.8 | 3.9 | 84.2 | 4.2 | 112.6 | 3.7 |
| 2023 | Jan. | 100.5 | 5.9 | 83.0 | 8.0 | 117.1 | 4.5 |
| | Feb. | 90.9 | -0.5 | 76.8 | -0.3 | 104.2 | -0.5 |
| | Mar. | 98.6 | 0.8 | 84.9 | 5.0 | 111.6 | -2.1 |
| | Apr. | 88.1 | -4.9 | 77.6 | -0.9 | 98.0 | -7.8 |
| | May | 94.8 | 2.9 | 78.2 | 0.6 | 110.5 | 4.5 |
| | Jun. | 87.5 | -6.4 | 75.8 | -4.5 | 98.6 | -7.8 |
| | Jul. | 94.6 | 4.2 | 81.9 | 11.8 | 106.5 | -0.8 |
| | Aug. | 89.4 | 0.1 | 75.9 | -3.3 | 102.2 | 2.6 |
| | Sep. | 88.0 | -5.2 | 76.3 | -1.4 | 99.0 | -7.8 |

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

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

| Tahun Year | Tempoh Period | Pembuatan minyak sawit mentah | | Pembuatan minyak sawit bertapis | | Pembuatan minyak isirong | |
|---------------|------------------|--------------------------------------|----------------------------------------------------|----------------------------------------|----------------------------------------------------|---------------------------------------|----------------------------------------------------|
| | | 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 |
| | | <i>Manufacture of crude palm oil</i> | | <i>Manufacture of refined palm oil</i> | | <i>Manufacture of palm kernel oil</i> | |
| | | Kod/ Codes | 10401 | 10402 | 10403 | | |
| | | Wajaran/Weight 2015 | 1.94 | 1.37 | 0.17 | | |
| 2021 | | 90.7 | -5.4 | 106.5 | -14.7 | 90.0 | -7.0 |
| 2022 | | 92.4 | 1.9 | 95.2 | -10.6 | 92.1 | 2.3 |
| 2022 | Q1 | 76.2 | 3.9 | 83.8 | -8.6 | 77.4 | 5.8 |
| | Q2 | 89.5 | -5.1 | 86.3 | -18.3 | 88.3 | -5.8 |
| | Q3 | 101.6 | 2.7 | 105.8 | -6.9 | 98.7 | 0.7 |
| | Q4 | 102.5 | 6.3 | 104.7 | -8.8 | 104.2 | 9.2 |
| 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 |
| 2022 | (Jan.-Sep.) | 89.1 | 0.3 | 92.0 | -11.3 | 88.1 | -0.2 |
| 2023 | (Jan.-Sep.) | 88.7 | -0.5 | 101.4 | 10.2 | 88.0 | -0.1 |
| 2022 | Jan. | 75.4 | 11.3 | 87.1 | -17.0 | 80.8 | 18.9 |
| | Feb. | 68.4 | 2.6 | 78.0 | 12.2 | 66.8 | 2.7 |
| | Mar. | 84.8 | -0.9 | 86.4 | -14.3 | 84.7 | -2.2 |
| | Apr. | 87.9 | -4.3 | 81.9 | -17.9 | 88.6 | -5.5 |
| | May | 87.8 | -7.0 | 80.3 | -7.9 | 83.5 | -5.8 |
| | Jun. | 92.9 | -3.8 | 96.7 | -25.5 | 92.6 | -6.0 |
| | Jul. | 94.6 | 3.3 | 96.4 | -12.5 | 95.2 | 5.1 |
| | Aug. | 103.7 | 0.9 | 103.1 | 9.1 | 100.9 | -0.2 |
| | Sep. | 106.4 | 3.9 | 117.9 | -13.5 | 99.9 | -2.1 |
| | Oct. | 109.0 | 5.1 | 122.0 | -13.0 | 106.1 | 3.3 |
| | Nov. | 101.0 | 2.8 | 106.2 | -5.6 | 101.7 | 7.4 |
| | Dec. | 97.3 | 11.7 | 85.9 | -6.4 | 104.7 | 17.9 |
| 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 |

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 | |
| | | <i>Manufacture of crude and refined vegetable oil</i> | | <i>Manufacture of compound cooking fats</i> | | <i>Manufacture of ice cream and other edible ice such as sorbet</i> | |
| | | Kod/ Codes | 10404 | 10406 | | 10501 | |
| | | Wajaran/Weight 2015 | 0.04 | 0.18 | | 0.03 | |
| 2021 | | 124.1 | 7.3 | 130.1 | 9.2 | 135.1 | 8.7 |
| 2022 | | 113.6 | -8.5 | 161.0 | 23.7 | 144.3 | 6.8 |
| 2022 | Q1 | 120.7 | 7.8 | 141.2 | 26.1 | 151.7 | 9.0 |
| | Q2 | 110.9 | -3.6 | 129.9 | 11.2 | 124.7 | 9.2 |
| | Q3 | 98.6 | -24.7 | 174.0 | 26.0 | 140.8 | 3.1 |
| | Q4 | 124.1 | -10.5 | 198.9 | 29.5 | 159.9 | 6.2 |
| 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 |
| 2022 | (Jan.-Sep.) | 110.1 | -7.7 | 148.4 | 21.3 | 139.1 | 7.0 |
| 2023 | (Jan.-Sep.) | 93.1 | -15.4 | 168.0 | 13.3 | 141.0 | 1.4 |
| 2022 | Jan. | 140.5 | 17.0 | 174.0 | 34.4 | 179.3 | 2.0 |
| | Feb. | 110.0 | 2.1 | 122.1 | 21.6 | 131.4 | 9.4 |
| | Mar. | 111.7 | 3.3 | 127.3 | 20.4 | 144.6 | 18.8 |
| | Apr. | 119.3 | 0.9 | 120.7 | 26.7 | 127.1 | 11.8 |
| | May | 99.0 | -10.0 | 131.2 | 2.8 | 109.5 | 6.2 |
| | Jun. | 114.3 | -2.1 | 137.9 | 7.9 | 137.6 | 9.3 |
| | Jul. | 94.4 | -14.2 | 157.6 | 21.6 | 143.4 | 17.4 |
| | Aug. | 104.4 | -22.2 | 166.0 | 28.6 | 142.2 | 3.6 |
| | Sep. | 97.0 | -34.6 | 198.5 | 27.7 | 136.8 | -9.0 |
| | Oct. | 116.8 | -28.0 | 188.6 | 38.8 | 156.2 | 2.4 |
| | Nov. | 109.3 | -3.0 | 183.0 | 18.1 | 159.9 | 3.9 |
| | Dec. | 146.2 | 3.8 | 225.2 | 32.4 | 163.6 | 12.8 |
| 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 |

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

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

| Tahun Year | Tempoh Period | Pembuatan susu pekat, tepung dan sejat | | Pengilangan beras | | Pengilangan tepung | |
|---------------|--------------------|-------------------------------------------------------------------|-----------------------------------------------------------|---------------------|-----------------------------------------------------------|----------------------|-----------------------------------------------------------|
| | | 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 |
| | | <i>Manufacture of condensed, powdered and evaporated milk</i> | | <i>Rice milling</i> | | <i>Flour milling</i> | |
| | | Kod/ Codes | 10502 | 10611 | | 10613 | |
| | | Wajaran/Weight 2015 | 0.43 | 0.09 | | 0.13 | |
| 2021 | | 142.5 | 6.8 | 136.8 | 3.4 | 139.0 | 19.9 |
| 2022 | | 153.8 | 8.0 | 140.1 | 2.4 | 160.4 | 15.3 |
| 2022 | Q1 | 134.2 | 4.3 | 147.0 | 15.7 | 134.5 | -2.3 |
| | Q2 | 164.9 | 9.1 | 142.4 | 0.8 | 149.1 | 13.3 |
| | Q3 | 174.8 | 11.8 | 146.5 | 11.4 | 183.7 | 29.6 |
| | Q4 | 141.4 | 5.8 | 124.6 | -15.4 | 174.1 | 20.0 |
| 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 |
| 2022 | (Jan.-Sep.) | 158.0 | 8.6 | 145.3 | 9.0 | 155.8 | 13.7 |
| 2023 | (Jan.-Sep.) | 156.6 | -0.9 | 132.9 | -8.5 | 170.0 | 9.1 |
| 2022 | Jan. | 150.0 | 3.5 | 137.7 | 15.9 | 136.5 | 1.0 |
| | Feb. | 110.2 | -3.2 | 152.3 | 26.3 | 126.9 | -2.6 |
| | Mar. | 142.2 | 11.9 | 150.8 | 6.6 | 140.1 | -5.0 |
| | Apr. | 174.3 | 9.8 | 156.0 | -0.7 | 149.5 | -5.0 |
| | May | 168.9 | 16.0 | 122.2 | -3.7 | 149.3 | 27.9 |
| | Jun. | 151.5 | 1.6 | 149.1 | 6.5 | 148.6 | 22.9 |
| | Jul. | 153.4 | 9.6 | 130.6 | 33.0 | 145.8 | 19.8 |
| | Aug. | 187.0 | 14.3 | 148.0 | 15.4 | 196.8 | 32.2 |
| | Sep. | 184.1 | 11.1 | 160.8 | -4.2 | 208.5 | 34.7 |
| | Oct. | 158.2 | 32.4 | 135.4 | -17.4 | 161.6 | 16.4 |
| | Nov. | 144.8 | 10.5 | 128.4 | -1.2 | 176.3 | 23.2 |
| | Dec. | 121.2 | -19.3 | 109.9 | -25.7 | 184.5 | 20.2 |
| 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 |

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

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

| Tahun Year | Tempoh Period | Pembuatan biskut dan cookies | | Pembuatan roti, kek dan produk bakeri lain | | Pembuatan produk snek | |
|---------------|--------------------|--------------------------------------------|----------------------------------------------------|--------------------------------------------------------------|----------------------------------------------------|--------------------------------------|----------------------------------------------------|
| | | 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 |
| | | <i>Manufacture of biscuits and cookies</i> | | <i>Manufacture of bread, cakes and other bakery products</i> | | <i>Manufacture of snack products</i> | |
| | | Kod/ Codes | 10711 | 10712 | | 10713 | |
| | | Wajaran/Weight 2015 | 0.13 | 0.36 | | 0.09 | |
| 2021 | | 109.5 | 3.2 | 171.0 | 16.5 | 101.4 | -14.7 |
| 2022 | | 109.4 | -0.1 | 183.0 | 7.0 | 94.3 | -6.9 |
| 2022 | Q1 | 113.1 | 6.5 | 158.4 | -0.6 | 94.5 | -9.0 |
| | Q2 | 104.5 | -6.2 | 189.5 | 2.0 | 93.5 | -9.4 |
| | Q3 | 104.4 | 2.5 | 213.9 | 15.0 | 94.5 | -0.8 |
| | Q4 | 115.7 | -2.4 | 170.0 | 11.4 | 94.9 | -8.0 |
| 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 |
| 2022 | (Jan.-Sep.) | 107.3 | 0.8 | 187.3 | 5.8 | 94.2 | -6.6 |
| 2023 | (Jan.-Sep.) | 100.9 | -6.0 | 198.7 | 6.1 | 80.6 | -14.4 |
| 2022 | Jan. | 117.0 | 8.1 | 159.3 | 13.6 | 96.4 | -7.3 |
| | Feb. | 111.6 | -1.1 | 154.9 | -4.3 | 94.2 | -15.8 |
| | Mar. | 110.7 | 13.3 | 161.1 | -8.6 | 92.9 | -3.1 |
| | Apr. | 112.1 | -7.8 | 181.1 | -1.5 | 97.6 | -12.7 |
| | May | 100.0 | -6.5 | 184.9 | 1.2 | 87.6 | -13.9 |
| | Jun. | 101.5 | -3.9 | 202.5 | 6.2 | 95.3 | -0.7 |
| | Jul. | 95.8 | 2.4 | 218.5 | 13.1 | 95.6 | 9.7 |
| | Aug. | 108.1 | 3.1 | 212.2 | 12.0 | 91.9 | -1.4 |
| | Sep. | 109.3 | 2.2 | 211.1 | 20.3 | 95.8 | -8.9 |
| | Oct. | 107.0 | -6.2 | 172.6 | 12.4 | 94.1 | -6.7 |
| | Nov. | 116.9 | -5.6 | 178.5 | 17.2 | 96.4 | -4.7 |
| | Dec. | 123.1 | 4.6 | 158.8 | 4.6 | 94.2 | -12.3 |
| 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 |

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

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

| Tahun Year | Tempoh Period | Pembuatan gula | | Pembuatan produk koko | | Pembuatan coklat dan produk coklat | |
|---------------------|------------------|-----------------------------|----------------------------------------------------|--------------------------------------|----------------------------------------------------|--------------------------------------------------------|----------------------------------------------------|
| | | 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 |
| | | <i>Manufacture of sugar</i> | | <i>Manufacture of cocoa products</i> | | <i>Manufacture of chocolate and chocolate products</i> | |
| Kod/ Codes | | 10721 | | 10731 | | 10732 | |
| Wajaran/Weight 2015 | | 0.12 | | 0.17 | | 0.11 | |
| 2021 | | 149.6 | 22.1 | 128.5 | 3.6 | 136.8 | 7.4 |
| 2022 | | 166.1 | 11.1 | 147.9 | 15.1 | 156.9 | 14.7 |
| 2022 | Q1 | 122.3 | 2.3 | 141.7 | 13.5 | 147.7 | 12.4 |
| | Q2 | 198.9 | 15.1 | 144.4 | 10.3 | 157.1 | 13.5 |
| | Q3 | 195.3 | 15.3 | 152.0 | 23.0 | 163.5 | 23.1 |
| | Q4 | 148.0 | 8.4 | 153.5 | 14.0 | 159.3 | 10.2 |
| 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 |
| 2022 | (Jan.-Sep.) | 172.2 | 11.9 | 146.0 | 15.5 | 156.1 | 16.3 |
| 2023 | (Jan.-Sep.) | 161.7 | -6.1 | 156.5 | 7.1 | 163.2 | 4.6 |
| 2022 | Jan. | 117.6 | 11.4 | 143.8 | 21.4 | 163.2 | 17.6 |
| | Feb. | 110.5 | 2.9 | 142.9 | 7.2 | 138.8 | 3.3 |
| | Mar. | 138.8 | -4.8 | 138.5 | 12.7 | 141.1 | 16.6 |
| | Apr. | 166.2 | -1.2 | 135.9 | 4.2 | 169.1 | 8.7 |
| | May | 218.5 | 19.9 | 148.8 | 11.1 | 145.7 | 20.1 |
| | Jun. | 212.1 | 26.5 | 148.4 | 15.7 | 156.3 | 13.2 |
| | Jul. | 221.6 | 31.7 | 151.0 | 32.1 | 157.1 | 13.5 |
| | Aug. | 183.3 | 12.5 | 146.4 | 14.3 | 165.4 | 31.2 |
| | Sep. | 181.0 | 2.3 | 158.6 | 23.5 | 168.0 | 25.3 |
| | Oct. | 153.4 | 12.0 | 143.9 | 12.0 | 152.7 | 5.6 |
| | Nov. | 169.1 | 26.2 | 150.6 | 9.7 | 156.7 | 5.7 |
| | Dec. | 121.4 | -12.3 | 166.1 | 20.2 | 168.6 | 19.5 |
| 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 |

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 | |
| | | <i>Manufacture of sugar confectionery</i> | | <i>Manufacture of meehoon, noodles and other related product</i> | | <i>Manufacture of prepared meals and dishes</i> | |
| | | Kod/ Codes | 10733 | 10741 | | 10750 | |
| | | Wajaran/Weight 2015 | 0.05 | 0.09 | | 0.17 | |
| 2021 | | 133.0 | -0.9 | 121.3 | -5.3 | 149.2 | 16.3 |
| 2022 | | 143.7 | 8.0 | 116.1 | -4.3 | 148.7 | -0.4 |
| 2022 | Q1 | 145.9 | 10.0 | 120.9 | -8.4 | 177.3 | 19.4 |
| | Q2 | 130.4 | -3.5 | 108.4 | -11.2 | 127.9 | 14.0 |
| | Q3 | 147.6 | 18.2 | 115.2 | -4.7 | 149.0 | -14.7 |
| | Q4 | 151.1 | 8.2 | 119.9 | 8.6 | 140.4 | -13.0 |
| 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 |
| 2022 | (Jan.-Sep.) | 141.3 | 8.0 | 114.9 | -8.1 | 151.4 | 4.3 |
| 2023 | (Jan.-Sep.) | 157.2 | 11.2 | 104.5 | -9.0 | 152.9 | 1.0 |
| 2022 | Jan. | 150.9 | 6.3 | 132.4 | -7.2 | 192.9 | 18.4 |
| | Feb. | 144.8 | 12.4 | 118.1 | -12.2 | 175.5 | 13.6 |
| | Mar. | 142.1 | 11.8 | 112.2 | -5.6 | 163.5 | 27.5 |
| | Apr. | 132.4 | -12.3 | 121.2 | -6.1 | 136.9 | 30.0 |
| | May | 119.7 | 1.1 | 95.8 | -13.3 | 122.0 | 11.8 |
| | Jun. | 139.1 | 2.5 | 108.3 | -14.4 | 125.0 | 2.1 |
| | Jul. | 132.7 | 16.7 | 111.0 | -9.1 | 143.9 | -23.6 |
| | Aug. | 145.2 | 15.7 | 118.7 | 0.6 | 158.4 | -4.2 |
| | Sep. | 164.8 | 21.8 | 116.0 | -5.2 | 144.8 | -14.9 |
| | Oct. | 147.9 | 6.7 | 118.5 | -0.1 | 149.6 | -16.4 |
| | Nov. | 154.2 | 5.8 | 113.2 | 6.3 | 128.8 | -12.1 |
| | Dec. | 151.1 | 12.4 | 127.9 | 20.8 | 142.7 | -10.1 |
| 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 |

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

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

| Tahun Year | Tempoh Period | Pembuatan kopi | | Pembuatan sos dan bahan perasa | | Pembuatan rempah ratus dan serbuk kari | |
|---------------------|------------------|------------------------------|----------------------------------------------------|---------------------------------------------|----------------------------------------------------|-----------------------------------------------|----------------------------------------------------|
| | | 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 |
| | | <i>Manufacture of coffee</i> | | <i>Manufacture of sauces and condiments</i> | | <i>Manufacture of spices and curry powder</i> | |
| Kod/ Codes | | 10791 | | 10793 | | 10794 | |
| Wajaran/Weight 2015 | | 0.15 | | 0.13 | | 0.07 | |
| 2021 | | 123.8 | -2.4 | 121.0 | 1.9 | 170.8 | 26.3 |
| 2022 | | 126.6 | 2.2 | 110.6 | -8.6 | 198.5 | 16.2 |
| 2022 | Q1 | 134.6 | 25.6 | 127.8 | 1.7 | 184.5 | 14.0 |
| | Q2 | 130.2 | 24.2 | 102.6 | -12.7 | 201.4 | 21.5 |
| | Q3 | 124.4 | -14.3 | 102.5 | -7.8 | 203.0 | 15.7 |
| | Q4 | 117.0 | -15.1 | 109.4 | -15.5 | 204.9 | 13.7 |
| 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 |
| 2022 | (Jan.-Sep.) | 129.8 | 9.0 | 111.0 | -6.1 | 196.3 | 17.1 |
| 2023 | (Jan.-Sep.) | 142.3 | 9.7 | 112.2 | 1.1 | 226.4 | 15.4 |
| 2022 | Jan. | 134.1 | 24.4 | 138.9 | 8.3 | 184.9 | 15.4 |
| | Feb. | 124.0 | 15.9 | 118.3 | 1.0 | 180.9 | 10.9 |
| | Mar. | 145.8 | 36.4 | 126.2 | -4.1 | 187.7 | 15.9 |
| | Apr. | 146.1 | 36.0 | 120.6 | 12.7 | 209.3 | 24.7 |
| | May | 129.9 | 14.6 | 83.8 | -32.7 | 195.8 | 26.4 |
| | Jun. | 114.7 | 22.3 | 103.3 | -14.7 | 199.2 | 14.0 |
| | Jul. | 116.1 | -18.5 | 93.4 | -10.7 | 194.5 | 14.0 |
| | Aug. | 116.7 | -15.8 | 115.3 | -3.1 | 206.0 | 21.3 |
| | Sep. | 140.5 | -9.1 | 98.8 | -10.2 | 208.5 | 12.3 |
| | Oct. | 155.9 | 5.5 | 107.0 | -15.2 | 203.4 | 12.5 |
| | Nov. | 90.4 | -24.1 | 98.6 | -27.5 | 199.4 | 13.4 |
| | Dec. | 104.6 | -28.6 | 122.5 | -2.8 | 212.0 | 15.2 |
| 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 |

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 | | | |
| | | <i>Manufacture of other food products n.e.c.</i> | | <i>Distilling, rectifying and blending of spirits; wines & malt liquors and malt</i> | | <i>Manufacture of soft drinks</i> | |
| | | Kod/ Codes | 10799 | 11010, 11020 & 11030 | | 11041 | |
| | | Wajaran/Weight 2015 | 0.15 | 0.21 | | 0.38 | |
| 2021 | | 116.4 | -6.7 | 107.7 | 7.7 | 125.3 | 11.3 |
| 2022 | | 119.5 | 2.7 | 129.9 | 20.6 | 137.2 | 9.6 |
| 2022 | Q1 | 118.0 | -2.5 | 125.5 | 5.7 | 123.3 | 10.1 |
| | Q2 | 118.2 | 8.6 | 129.1 | 54.5 | 142.2 | 11.9 |
| | Q3 | 121.1 | 9.9 | 118.3 | 82.8 | 146.8 | 7.0 |
| | Q4 | 120.8 | -3.8 | 146.7 | -10.3 | 136.6 | 9.5 |
| 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 |
| 2022 | (Jan.-Sep.) | 119.1 | 5.1 | 124.3 | 39.6 | 137.5 | 9.6 |
| 2023 | (Jan.-Sep.) | 128.6 | 8.0 | 115.2 | -7.3 | 143.8 | 4.6 |
| 2022 | Jan. | 120.7 | -3.2 | 136.48 | 15.0 | 126.7 | 7.6 |
| | Feb. | 115.1 | -9.1 | 117.68 | 5.6 | 119.0 | 9.6 |
| | Mar. | 118.1 | 5.8 | 122.24 | -3.0 | 124.2 | 13.0 |
| | Apr. | 115.7 | 7.3 | 140.72 | 2.1 | 158.6 | 15.2 |
| | May | 116.4 | 6.6 | 119.52 | 6.6 | 133.7 | 9.1 |
| | Jun. | 122.4 | 11.9 | 127.00 | 15917.8 | 134.4 | 11.0 |
| | Jul. | 116.0 | 13.5 | 119.99 | 3013.2 | 141.3 | 6.2 |
| | Aug. | 126.9 | 19.9 | 104.10 | 51.2 | 155.9 | 5.3 |
| | Sep. | 120.2 | -1.8 | 130.73 | 7.7 | 143.3 | 9.8 |
| | Oct. | 116.1 | -2.3 | 133.91 | -18.1 | 138.9 | 12.6 |
| | Nov. | 123.5 | -8.6 | 148.57 | -4.6 | 136.0 | 12.5 |
| | Dec. | 122.7 | 0.2 | 157.70 | -8.1 | 134.7 | 3.8 |
| 2023 | Jan. | 106.7 | -11.6 | 143.44 | 5.1 | 118.2 | -6.7 |
| | Feb. | 114.5 | -0.5 | 106.48 | -9.5 | 116.5 | -2.1 |
| | Mar. | 112.2 | -4.9 | 104.14 | -14.8 | 133.0 | 7.1 |
| | Apr. | 119.9 | 3.6 | 133.22 | -5.3 | 150.3 | -5.2 |
| | May | 139.3 | 19.6 | 111.93 | -6.3 | 161.2 | 20.6 |
| | Jun. | 157.9 | 29.0 | 118.93 | -6.4 | 146.4 | 8.9 |
| | Jul. | 141.1 | 21.6 | 95.93 | -20.1 | 154.0 | 9.0 |
| | Aug. | 134.8 | 6.2 | 100.74 | -3.2 | 164.3 | 5.4 |
| | Sep. | 131.3 | 9.2 | 121.79 | -6.8 | 150.5 | 5.1 |

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 |
|---------------|--------------------|---------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------------------|-----------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------------|
| | | Pengeluaran air mineral semulajadi dan minuman lain yang dibotolkan | | Pembuatan produk tembakau | | Penyediaan dan pemintalan gention tekstil | |
| | | <i>Production of natural mineral waters and other bottled waters</i> | | <i>Manufacture of tobacco products</i> | | <i>Preparation and spinning of textile fibres</i> | |
| | | Kod/ Codes | 11042 | 12000 | 13110 | | |
| | | Wajaran/Weight 2015 | 0.06 | 0.52 | 0.07 | | |
| 2021 | | 123.7 | 8.0 | 83.6 | -12.4 | 112.0 | 20.0 |
| 2022 | | 141.5 | 14.5 | 102.2 | 22.1 | 121.4 | 8.4 |
| 2022 | Q1 | 135.0 | 0.9 | 127.6 | 4.1 | 116.6 | 15.7 |
| | Q2 | 138.5 | 16.4 | 104.2 | 49.8 | 115.0 | 5.7 |
| | Q3 | 146.4 | 27.8 | 71.4 | 234.5 | 116.0 | -2.2 |
| | Q4 | 146.2 | 14.9 | 105.4 | -13.0 | 137.9 | 15.3 |
| 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 |
| 2022 | (Jan.-Sep.) | 140.0 | 14.3 | 101.1 | 42.1 | 115.9 | 5.9 |
| 2023 | (Jan.-Sep.) | 138.9 | -0.8 | 118.0 | 16.7 | 130.7 | 12.8 |
| 2022 | Jan. | 121.4 | -13.3 | 123.7 | 1.3 | 110.8 | 30.3 |
| | Feb. | 144.3 | 7.6 | 137.1 | 9.2 | 114.3 | 21.6 |
| | Mar. | 139.4 | 9.4 | 122.2 | 1.7 | 124.9 | 1.2 |
| | Apr. | 135.0 | 12.7 | 118.6 | 11.8 | 103.9 | -1.9 |
| | May | 138.4 | 27.3 | 104.0 | 4.6 | 123.5 | 19.1 |
| | Jun. | 142.1 | 10.7 | 90.0 | 2765.0 | 117.7 | 0.6 |
| | Jul. | 123.5 | 28.0 | 67.8 | 2699.2 | 102.4 | -5.1 |
| | Aug. | 141.6 | 16.8 | 69.5 | 2813.6 | 128.3 | 9.8 |
| | Sep. | 174.2 | 38.3 | 77.0 | 30.0 | 117.4 | -10.4 |
| | Oct. | 153.6 | 16.5 | 85.1 | -28.1 | 129.2 | 16.3 |
| | Nov. | 136.4 | 5.1 | 119.9 | 1.6 | 132.6 | 9.6 |
| | Dec. | 148.6 | 23.8 | 111.1 | -12.4 | 151.8 | 19.7 |
| 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 |

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 | |
| | | <i>Weaving of textiles</i> | | <i>Dyeing, bleaching, printing and finishing of yarns and fabrics</i> | | <i>Manufacture of clothings</i> | |
| Kod/ Codes | | 13120 | | 13132 | | 14102 | |
| Wajaran/Weight 2015 | | 0.22 | | 0.11 | | 0.46 | |
| 2021 | | 124.8 | 21.9 | 91.2 | 2.5 | 123.1 | 3.6 |
| 2022 | | 135.7 | 8.7 | 85.0 | -6.8 | 124.6 | 1.2 |
| 2022 | Q1 | 151.7 | 12.4 | 86.9 | -18.9 | 137.2 | -0.4 |
| | Q2 | 117.2 | 6.2 | 90.6 | -8.4 | 96.6 | 3.7 |
| | Q3 | 136.8 | 17.0 | 84.0 | 3.4 | 111.3 | 5.4 |
| | Q4 | 137.1 | 0.0 | 78.7 | 1.3 | 153.3 | -1.8 |
| 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 |
| 2022 | (Jan.-Sep.) | 135.2 | 12.0 | 87.1 | -9.0 | 115.0 | 2.5 |
| 2023 | (Jan.-Sep.) | 117.5 | -13.1 | 65.9 | -24.4 | 121.0 | 5.2 |
| 2022 | Jan. | 153.4 | 15.2 | 72.2 | -23.4 | 137.1 | -1.1 |
| | Feb. | 149.3 | 4.3 | 86.0 | -9.4 | 131.6 | -2.6 |
| | Mar. | 152.4 | 18.5 | 102.6 | -22.5 | 143.0 | 2.3 |
| | Apr. | 109.6 | 9.4 | 91.3 | -16.2 | 106.0 | 1.8 |
| | May | 110.9 | -0.1 | 85.9 | -6.0 | 91.3 | 2.7 |
| | Jun. | 131.1 | 9.4 | 94.5 | -1.8 | 92.5 | 7.1 |
| | Jul. | 127.1 | 34.3 | 84.6 | -4.0 | 98.4 | 11.2 |
| | Aug. | 121.9 | 12.7 | 83.9 | 12.4 | 108.9 | 4.2 |
| | Sep. | 161.4 | 9.1 | 83.4 | 3.2 | 126.4 | 2.2 |
| | Oct. | 136.6 | 7.2 | 81.1 | -1.0 | 141.4 | -8.5 |
| | Nov. | 157.6 | 2.3 | 82.3 | 5.8 | 163.7 | 4.5 |
| | Dec. | 117.1 | -9.9 | 72.6 | -0.7 | 154.7 | -1.5 |
| 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 |

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

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

| Tahun Year | Tempoh Period | Pembuatan bagasi, beg tangan dan seumpamanya, pelana dan abah-abah | | Pembuatan kasut kulit | | Pembuatan kasut getah | |
|---------------|--------------------|----------------------------------------------------------------------------|----------------------------------------------------|----------------------------------------|----------------------------------------------------|---------------------------------------|----------------------------------------------------|
| | | 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 |
| | | <i>Manufacture of luggage, handbags and the like, saddlery and harness</i> | | <i>Manufacture of leather footwear</i> | | <i>Manufacture of rubber footwear</i> | |
| | | Kod/ Codes | 15120 | 15201 | | 15203 | |
| | | Wajaran/Weight 2015 | 0.05 | 0.02 | | 0.04 | |
| 2021 | | 152.8 | 26.9 | 89.6 | 2.9 | 88.9 | 2.9 |
| 2022 | | 204.0 | 33.6 | 93.7 | 4.6 | 108.4 | 22.0 |
| 2022 | Q1 | 212.4 | 9.8 | 88.6 | -13.2 | 109.2 | 7.0 |
| | Q2 | 227.8 | 29.1 | 91.1 | -2.9 | 104.4 | 18.9 |
| | Q3 | 200.5 | 146.7 | 93.9 | 26.5 | 98.8 | 41.7 |
| | Q4 | 175.5 | 9.7 | 101.2 | 14.8 | 121.4 | 26.4 |
| 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 |
| 2022 | (Jan.-Sep.) | 213.6 | 42.0 | 91.2 | 1.3 | 104.1 | 20.4 |
| 2023 | (Jan.-Sep.) | 228.7 | 7.1 | 85.0 | -6.8 | 122.3 | 17.5 |
| 2022 | Jan. | 210.6 | 7.9 | 89.5 | -8.2 | 107.8 | 9.4 |
| | Feb. | 199.6 | 10.8 | 86.6 | -14.0 | 106.0 | 12.6 |
| | Mar. | 227.1 | 10.9 | 89.7 | -16.8 | 113.7 | 0.3 |
| | Apr. | 220.2 | 2.0 | 89.4 | -13.4 | 107.4 | 6.5 |
| | May | 247.0 | 16.2 | 91.1 | -9.4 | 104.1 | 6.6 |
| | Jun. | 216.2 | 114.3 | 92.9 | 19.2 | 101.7 | 56.6 |
| | Jul. | 183.7 | 168.4 | 91.9 | 26.5 | 103.6 | 73.6 |
| | Aug. | 215.9 | 165.4 | 92.1 | 21.9 | 95.8 | 36.6 |
| | Sep. | 201.9 | 114.7 | 97.6 | 31.2 | 97.0 | 22.2 |
| | Oct. | 141.2 | 16.1 | 99.1 | 15.8 | 108.3 | 27.9 |
| | Nov. | 192.2 | 20.2 | 101.6 | 16.7 | 126.9 | 22.5 |
| | Dec. | 192.9 | -2.7 | 103.0 | 12.0 | 128.9 | 29.1 |
| 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 |

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

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

| Tahun Year | Tempoh Period | Pengilangan dan pengetaman kayu | | Pembuatan kepingan venier dan papan lapis | | Pembuatan papan partikel dan papan gentian | |
|---------------------|------------------|---------------------------------------|-------------------------------------------------|-----------------------------------------------------|-------|--------------------------------------------|-------|
| | | <i>Sawmilling and planing of wood</i> | <i>Manufacture of veneer sheets and plywood</i> | <i>Manufacture of particle board and fibreboard</i> | | | |
| Kod/ Codes | | 16100 | | 16211 | | 16212 | |
| Wajaran/Weight 2015 | | 0.35 | | 0.57 | | 0.25 | |
| 2021 | | 124.5 | 13.6 | 93.0 | 13.7 | 129.1 | 6.4 |
| 2022 | | 134.6 | 8.1 | 97.4 | 4.7 | 134.4 | 4.1 |
| 2022 | Q1 | 138.8 | 9.0 | 106.2 | -0.9 | 153.3 | 33.3 |
| | Q2 | 114.5 | 25.7 | 124.5 | 3.7 | 91.3 | 13.0 |
| | Q3 | 142.0 | 5.6 | 86.2 | 66.0 | 125.9 | -3.6 |
| | Q4 | 143.0 | -1.3 | 72.7 | -21.8 | 167.3 | -12.0 |
| 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 |
| 2022 | (Jan.-Sep.) | 131.8 | 12.0 | 105.6 | 13.5 | 123.5 | 13.5 |
| 2023 | (Jan.-Sep.) | 126.4 | -4.1 | 84.7 | -19.9 | 143.2 | 16.0 |
| 2022 | Jan. | 133.7 | 11.3 | 101.0 | -0.2 | 180.4 | 34.1 |
| | Feb. | 142.9 | 5.5 | 100.0 | 1.4 | 140.7 | 27.4 |
| | Mar. | 139.7 | 10.7 | 117.5 | -3.3 | 138.6 | 38.8 |
| | Apr. | 106.7 | 15.2 | 122.2 | -9.8 | 100.9 | 47.5 |
| | May | 114.6 | 33.1 | 128.2 | -1.1 | 87.7 | 5.2 |
| | Jun. | 122.2 | 29.3 | 123.2 | 29.5 | 85.3 | -6.0 |
| | Jul. | 117.9 | 43.2 | 106.3 | 117.7 | 104.2 | -7.4 |
| | Aug. | 162.5 | 1.5 | 70.3 | 46.7 | 121.3 | 3.2 |
| | Sep. | 145.5 | -9.6 | 82.1 | 39.0 | 152.0 | -6.0 |
| | Oct. | 138.9 | 1.7 | 76.3 | 2.4 | 159.8 | -10.2 |
| | Nov. | 145.7 | -8.0 | 74.3 | -22.1 | 163.9 | -15.1 |
| | Dec. | 144.5 | 3.3 | 67.4 | -38.0 | 178.2 | -10.6 |
| 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 |

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

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

| Tahun Year | Tempoh Period | Pertukangan kayu untuk jurubina | | Pembuatan bekas kayu | | Pembuatan pulpa, kertas dan kertas tebal | |
|---------------|--------------------|-------------------------------------------|----------------------------------------------------|-----------------------------------------|----------------------------------------------------|--------------------------------------------------|----------------------------------------------------|
| | | 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 |
| | | <i>Manufacture of builders' carpentry</i> | | <i>Manufacture of wooden containers</i> | | <i>Manufacture of pulp, paper and paperboard</i> | |
| | | Kod/ Codes | 16221 | 16230 | 17010 | | |
| | | Wajaran/Weight 2015 | 0.14 | 0.06 | 0.24 | | |
| 2021 | | 81.5 | -14.0 | 278.4 | 10.5 | 120.6 | 18.8 |
| 2022 | | 80.0 | -1.9 | 351.3 | 26.1 | 111.0 | -8.0 |
| 2022 | Q1 | 88.8 | -5.2 | 347.6 | 19.4 | 118.8 | 0.9 |
| | Q2 | 74.0 | 12.2 | 327.7 | 20.2 | 116.8 | -5.7 |
| | Q3 | 72.3 | 0.2 | 344.8 | 41.5 | 103.2 | -15.0 |
| | Q4 | 84.7 | -10.1 | 385.0 | 25.7 | 105.1 | -11.9 |
| 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 |
| 2022 | (Jan.-Sep.) | 78.4 | 1.4 | 340.0 | 26.3 | 112.9 | -6.7 |
| 2023 | (Jan.-Sep.) | 70.5 | -10.1 | 330.9 | -2.7 | 103.8 | -8.1 |
| 2022 | Jan. | 88.5 | -10.6 | 351.1 | 26.2 | 121.6 | 7.9 |
| | Feb. | 91.7 | -15.9 | 366.5 | 13.5 | 115.0 | -1.1 |
| | Mar. | 86.3 | 18.0 | 325.0 | 19.3 | 119.8 | -3.6 |
| | Apr. | 75.8 | 21.0 | 337.1 | 29.9 | 121.5 | -4.8 |
| | May | 70.4 | 9.0 | 320.2 | 27.3 | 112.5 | -7.8 |
| | Jun. | 75.8 | 7.4 | 325.7 | 6.1 | 116.4 | -4.7 |
| | Jul. | 67.7 | -0.9 | 315.6 | 50.1 | 102.7 | -18.3 |
| | Aug. | 70.8 | 1.7 | 330.1 | 30.8 | 107.6 | -8.8 |
| | Sep. | 78.4 | -0.3 | 388.6 | 44.9 | 99.1 | -17.6 |
| | Oct. | 84.3 | -9.3 | 432.6 | 24.1 | 109.7 | -4.1 |
| | Nov. | 85.8 | -12.4 | 367.2 | 28.6 | 107.7 | -12.3 |
| | Dec. | 84.1 | -8.2 | 355.2 | 24.8 | 97.9 | -18.9 |
| 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 |

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 | |
| | | <i>Manufacture of corrugated paper and paperboard and of containers of paper and paperboard</i> | | <i>Manufacture of envelopes and letter-card</i> | | <i>Manufacture of household and personal hygiene paper</i> | |
| | | Kod/ Codes | 17020 | 17091 | | 17092 | |
| | | Wajaran/Weight 2015 | 0.45 | 0.04 | | 0.22 | |
| 2021 | | 158.8 | 24.3 | 63.9 | -19.0 | 115.3 | 2.7 |
| 2022 | | 178.2 | 12.2 | 57.7 | -9.8 | 127.3 | 10.4 |
| 2022 | Q1 | 163.5 | 21.8 | 72.5 | -16.0 | 123.4 | -13.2 |
| | Q2 | 156.2 | 8.1 | 52.9 | -3.2 | 121.8 | 19.8 |
| | Q3 | 191.0 | 15.2 | 48.7 | -8.9 | 136.1 | 34.7 |
| | Q4 | 202.0 | 5.9 | 56.6 | -7.7 | 128.0 | 10.2 |
| 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 |
| 2022 | (Jan.-Sep.) | 170.2 | 14.9 | 58.0 | -10.4 | 127.1 | 10.5 |
| 2023 | (Jan.-Sep.) | 171.2 | 0.6 | 55.0 | -5.2 | 135.0 | 6.2 |
| 2022 | Jan. | 176.2 | 40.1 | 68.8 | -22.7 | 133.5 | -13.2 |
| | Feb. | 154.4 | 17.9 | 74.7 | -6.6 | 125.4 | -15.3 |
| | Mar. | 160.0 | 9.5 | 73.9 | -17.7 | 111.5 | -10.8 |
| | Apr. | 153.3 | 5.5 | 66.7 | 11.7 | 119.1 | 17.4 |
| | May | 140.7 | 6.0 | 42.0 | -11.7 | 114.5 | 22.1 |
| | Jun. | 174.4 | 12.4 | 50.1 | -11.7 | 131.8 | 20.0 |
| | Jul. | 170.4 | 20.5 | 43.4 | -12.8 | 134.1 | 28.7 |
| | Aug. | 183.2 | 10.0 | 49.4 | -5.1 | 129.8 | 45.0 |
| | Sep. | 219.4 | 15.8 | 53.4 | -9.0 | 144.5 | 32.0 |
| | Oct. | 180.5 | -0.8 | 47.5 | -24.0 | 120.9 | 20.0 |
| | Nov. | 211.1 | 9.2 | 65.1 | 4.6 | 137.3 | 10.2 |
| | Dec. | 214.4 | 8.8 | 57.2 | -3.5 | 126.0 | 2.1 |
| 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 |

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 | |
| | | <i>Manufacture of gummed or adhesive paper in strips or rolls and labels and wall paper</i> | | <i>Printing</i> | | <i>Service activities related to printing</i> | |
| | | Kod/ Codes | 17093 | 18110 | | 18120 | |
| | | Wajaran/Weight 2015 | 0.11 | 0.73 | | 0.19 | |
| 2021 | | 133.3 | 3.1 | 115.1 | 5.7 | 122.6 | -5.1 |
| 2022 | | 142.7 | 7.1 | 121.6 | 5.6 | 136.3 | 11.2 |
| 2022 | Q1 | 152.4 | 13.1 | 117.9 | 2.1 | 136.4 | 1.4 |
| | Q2 | 125.9 | 13.5 | 114.6 | 11.6 | 139.5 | 12.5 |
| | Q3 | 158.7 | 19.3 | 118.7 | 6.1 | 118.6 | 19.2 |
| | Q4 | 133.8 | -13.3 | 135.1 | 3.7 | 150.7 | 14.0 |
| 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 |
| 2022 | (Jan.-Sep.) | 145.7 | 15.4 | 117.1 | 6.4 | 131.5 | 10.2 |
| 2023 | (Jan.-Sep.) | 164.9 | 13.2 | 125.9 | 7.6 | 134.9 | 2.6 |
| 2022 | Jan. | 146.2 | 14.5 | 124.5 | 2.0 | 139.9 | -0.4 |
| | Feb. | 153.4 | 2.9 | 117.0 | 1.2 | 135.6 | 0.0 |
| | Mar. | 157.6 | 23.6 | 112.2 | 3.1 | 133.6 | 4.8 |
| | Apr. | 134.5 | 19.7 | 122.1 | 9.1 | 142.8 | 6.7 |
| | May | 117.1 | 12.9 | 116.1 | 10.0 | 136.6 | 4.5 |
| | Jun. | 126.2 | 8.2 | 105.6 | 16.6 | 139.2 | 29.4 |
| | Jul. | 164.7 | 34.5 | 107.4 | 8.2 | 114.4 | 18.2 |
| | Aug. | 157.0 | 28.1 | 120.5 | 6.9 | 117.6 | 14.9 |
| | Sep. | 154.5 | 0.3 | 128.3 | 3.6 | 123.9 | 24.8 |
| | Oct. | 139.3 | -2.2 | 129.8 | 4.1 | 113.9 | 11.6 |
| | Nov. | 122.0 | -26.3 | 131.9 | 7.3 | 155.9 | 13.9 |
| | Dec. | 139.9 | -9.6 | 143.5 | 0.3 | 182.3 | 15.6 |
| 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 |

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

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

| Tahun Year | Tempoh Period | Pembuatan produk petroleum bertapis | | Pembuatan gas perindustrian atau perubatan bukan organik dalam bentuk cecair atau mampat | | Pembuatan kimia organik asas | |
|---------------|------------------|--------------------------------------------------|----------------------------------------------------|------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------|----------------------------------------------------|
| | | 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 |
| | | <i>Manufacture of refined petroleum products</i> | | <i>Manufacture of liquefied or compressed inorganic industrial or medical gases</i> | | <i>Manufacture of basic organic chemicals</i> | |
| | | Kod/ Codes | 19201 | 20111 | 20112 | | |
| | | Wajaran/Weight 2015 | 9.26 | 1.05 | 2.00 | | |
| 2021 | | 112.8 | 11.6 | 121.9 | 18.8 | 122.5 | 6.5 |
| 2022 | | 119.8 | 6.2 | 144.4 | 18.5 | 122.7 | 0.2 |
| 2022 | Q1 | 118.5 | 4.1 | 156.8 | 20.3 | 126.8 | 2.2 |
| | Q2 | 110.4 | 4.3 | 129.1 | 25.1 | 123.8 | 4.7 |
| | Q3 | 128.5 | 11.3 | 132.7 | 18.5 | 119.5 | -1.8 |
| | Q4 | 121.9 | 5.0 | 159.0 | 12.0 | 120.7 | -4.1 |
| 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 |
| 2022 | (Jan.-Sep.) | 119.1 | 6.6 | 139.5 | 21.2 | 123.4 | 1.7 |
| 2023 | (Jan.-Sep.) | 118.3 | -0.7 | 143.8 | 3.1 | 131.8 | 6.8 |
| 2022 | Jan. | 111.7 | 1.7 | 141.9 | 16.2 | 126.1 | 7.8 |
| | Feb. | 114.0 | -1.7 | 164.2 | 24.2 | 127.4 | 3.5 |
| | Mar. | 129.8 | 12.1 | 164.3 | 20.1 | 126.8 | -4.0 |
| | Apr. | 91.8 | -1.2 | 125.0 | 39.3 | 114.1 | 6.7 |
| | May | 108.8 | 1.8 | 114.0 | 30.5 | 114.9 | 5.0 |
| | Jun. | 130.5 | 10.9 | 148.3 | 12.0 | 142.5 | 3.0 |
| | Jul. | 129.7 | 5.8 | 121.1 | 14.0 | 116.8 | -3.9 |
| | Aug. | 131.4 | 13.1 | 142.5 | 21.7 | 121.3 | -2.8 |
| | Sep. | 124.5 | 15.6 | 134.4 | 19.6 | 120.4 | 1.4 |
| | Oct. | 127.1 | 10.7 | 140.9 | 13.3 | 124.1 | -2.1 |
| | Nov. | 122.6 | 1.3 | 161.9 | 19.8 | 112.6 | -5.8 |
| | Dec. | 116.1 | 3.2 | 174.2 | 4.6 | 125.5 | -4.4 |
| 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 |

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

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

| Tahun Year | Tempoh Period | Pembuatan sebatian bukan organik | | Pembuatan baja | | Pembuatan plastik dalam bentuk primer | |
|---------------------|------------------|-------------------------------------------|----------------------------------------------------|-----------------------------------|----------------------------------------------------|-------------------------------------------------|----------------------------------------------------|
| | | 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 |
| | | <i>Manufacture of inorganic compounds</i> | | <i>Manufacture of fertilizers</i> | | <i>Manufacture of plastics in primary forms</i> | |
| Kod/ Codes | | 20113 | | 20121 | | 20131 | |
| Wajaran/Weight 2015 | | 0.29 | | 0.38 | | 1.11 | |
| 2021 | | 137.2 | 7.3 | 131.9 | 15.1 | 110.1 | 10.4 |
| 2022 | | 137.7 | 0.3 | 152.5 | 15.6 | 110.4 | 0.2 |
| 2022 | Q1 | 137.1 | 2.0 | 118.4 | -8.1 | 112.1 | -4.4 |
| | Q2 | 141.3 | 3.1 | 139.3 | 6.6 | 108.4 | 6.0 |
| | Q3 | 138.0 | 0.1 | 173.1 | 24.6 | 118.7 | 7.5 |
| | Q4 | 134.2 | -3.7 | 179.3 | 38.6 | 102.3 | -7.4 |
| 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 |
| 2022 | (Jan.-Sep.) | 138.8 | 1.7 | 143.6 | 8.1 | 113.1 | 2.8 |
| 2023 | (Jan.-Sep.) | 145.7 | 4.9 | 143.1 | -0.4 | 122.1 | 8.0 |
| 2022 | Jan. | 141.9 | 6.4 | 107.9 | -15.2 | 112.8 | 5.1 |
| | Feb. | 131.5 | -0.8 | 122.1 | -1.3 | 112.5 | -5.0 |
| | Mar. | 137.9 | 0.3 | 125.3 | -7.7 | 110.9 | -12.0 |
| | Apr. | 142.7 | 7.3 | 160.0 | 26.7 | 101.8 | -2.5 |
| | May | 138.9 | 2.4 | 116.0 | 3.2 | 104.2 | 12.4 |
| | Jun. | 142.3 | -0.1 | 141.8 | -7.4 | 119.2 | 8.7 |
| | Jul. | 137.7 | 2.3 | 162.0 | 19.8 | 118.8 | 12.3 |
| | Aug. | 144.5 | 4.3 | 170.1 | 23.9 | 124.9 | 11.0 |
| | Sep. | 131.9 | -6.1 | 187.1 | 29.8 | 112.5 | -0.4 |
| | Oct. | 142.6 | 0.2 | 184.6 | 29.8 | 98.1 | -15.7 |
| | Nov. | 128.9 | -6.5 | 184.2 | 50.1 | 99.6 | -1.4 |
| | Dec. | 131.2 | -5.0 | 169.1 | 37.3 | 109.1 | -4.3 |
| 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 |

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

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

| Tahun Year | Tempoh Period | Pembuatan racun perosak dan produk agrokimia lain | | Pembuatan cat, varnis dan penyadur dan mastik | | Pembuatan dakwat cetak | |
|---------------|--------------------|------------------------------------------------------------------|----------------------------------------------------|------------------------------------------------------------------------------|----------------------------------------------------|------------------------------------|----------------------------------------------------|
| | | 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 |
| | | <i>Manufacture of pesticides and other agrochemical products</i> | | <i>Manufacture of paints, varnishes and similar coatings ink and mastics</i> | | <i>Manufacture of printing ink</i> | |
| | | Kod/ Codes | 20210 | 20221 | | 20222 | |
| | | Wajaran/Weight 2015 | 0.14 | 0.33 | | 0.10 | |
| 2021 | | 83.7 | -22.5 | 140.9 | 32.3 | 83.6 | -24.4 |
| 2022 | | 68.2 | -18.5 | 141.0 | 0.1 | 68.4 | -18.2 |
| 2022 | Q1 | 75.7 | -11.0 | 139.3 | 8.8 | 75.7 | 4.6 |
| | Q2 | 71.5 | -22.4 | 131.3 | -1.9 | 66.2 | -19.9 |
| | Q3 | 55.2 | -27.6 | 149.5 | -2.4 | 66.2 | -31.3 |
| | Q4 | 70.5 | -13.5 | 144.2 | -2.9 | 65.4 | -21.2 |
| 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 |
| 2022 | (Jan.-Sep.) | 67.4 | -20.1 | 140.0 | 1.2 | 69.4 | -17.2 |
| 2023 | (Jan.-Sep.) | 70.0 | 3.8 | 155.9 | 11.4 | 50.2 | -27.7 |
| 2022 | Jan. | 79.2 | -6.6 | 147.5 | 12.3 | 88.1 | 19.2 |
| | Feb. | 72.6 | -12.6 | 127.1 | 2.3 | 61.9 | -14.5 |
| | Mar. | 75.2 | -13.8 | 143.2 | 11.5 | 77.0 | 8.8 |
| | Apr. | 75.1 | -30.5 | 132.4 | 2.2 | 60.9 | -13.0 |
| | May | 67.4 | -16.3 | 126.0 | -2.4 | 73.2 | -11.2 |
| | Jun. | 71.9 | -17.8 | 135.4 | -5.3 | 64.4 | -32.5 |
| | Jul. | 50.2 | -32.8 | 131.9 | 4.2 | 59.6 | -34.2 |
| | Aug. | 58.8 | -26.0 | 141.2 | -11.3 | 72.4 | -29.3 |
| | Sep. | 56.5 | -24.1 | 175.4 | 0.9 | 66.7 | -30.7 |
| | Oct. | 73.5 | -5.2 | 138.6 | -11.1 | 68.2 | -12.0 |
| | Nov. | 69.8 | -13.4 | 149.5 | 5.0 | 65.8 | -16.0 |
| | Dec. | 68.2 | -20.9 | 144.4 | -1.9 | 62.2 | -33.3 |
| 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 |

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 | |
| | | <i>Manufacture of soap and detergents, cleaning and polishing preparations</i> | | <i>Manufacture of perfumes and toilet preparations</i> | | <i>Manufacture of photographic plates, films, sensitized paper and other sensitized unexposed materials</i> | |
| | | Kod/ Codes | 20231 | 20232 | 20291 | | |
| | | Wajaran/Weight 2015 | 0.23 | 0.15 | 0.01 | | |
| 2021 | | 93.7 | -0.5 | 98.2 | 7.4 | 209.4 | 52.5 |
| 2022 | | 92.5 | -1.2 | 92.2 | -6.1 | 240.7 | 15.0 |
| 2022 | Q1 | 99.3 | 11.6 | 95.8 | 12.9 | 234.3 | 24.7 |
| | Q2 | 84.7 | -1.8 | 92.9 | -7.8 | 237.5 | 14.1 |
| | Q3 | 98.2 | 2.3 | 89.2 | -13.9 | 243.2 | 6.6 |
| | Q4 | 87.7 | -15.1 | 91.0 | -12.1 | 247.8 | 16.3 |
| 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 |
| 2022 | (Jan.-Sep.) | 94.1 | 4.0 | 92.6 | -3.9 | 238.4 | 14.5 |
| 2023 | (Jan.-Sep.) | 90.4 | -3.9 | 105.3 | 13.7 | 258.3 | 8.4 |
| 2022 | Jan. | 96.5 | 16.9 | 89.7 | 18.2 | 231.1 | 26.9 |
| | Feb. | 98.0 | 9.0 | 93.5 | 12.2 | 234.4 | 24.9 |
| | Mar. | 103.5 | 9.5 | 104.3 | 9.4 | 237.5 | 22.4 |
| | Apr. | 81.4 | -1.6 | 95.9 | 2.2 | 235.7 | 16.4 |
| | May | 81.6 | 0.2 | 90.8 | -8.9 | 238.6 | 14.9 |
| | Jun. | 91.2 | -3.7 | 91.9 | -15.3 | 238.3 | 11.1 |
| | Jul. | 90.9 | 0.9 | 89.5 | -10.8 | 240.6 | 8.7 |
| | Aug. | 105.8 | 12.3 | 86.1 | -18.2 | 244.6 | 7.2 |
| | Sep. | 97.9 | -5.6 | 92.1 | -12.6 | 244.5 | 3.9 |
| | Oct. | 93.7 | -14.5 | 93.0 | -20.4 | 246.1 | 12.6 |
| | Nov. | 83.4 | -14.1 | 88.2 | -1.9 | 247.7 | 28.3 |
| | Dec. | 86.0 | -16.8 | 91.9 | -11.7 | 249.7 | 9.7 |
| 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 |

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 kendaraan | |
| | | <i>Manufacture of other chemical products n.e.c.</i> | | <i>Manufacture of medicinal active substances to be used for their pharmacological properties in the manufacture of medicaments</i> | | <i>Manufacture of rubber tyres for vehicles</i> | |
| | | Kod/ Codes | 20299 | 21001 | | 22111 | |
| | | Wajaran/Weight 2015 | 0.43 | 0.30 | | 0.17 | |
| 2021 | | 123.1 | 3.5 | 164.8 | 18.8 | 122.9 | 17.1 |
| 2022 | | 126.2 | 2.5 | 177.8 | 7.9 | 113.8 | -7.4 |
| 2022 | Q1 | 123.0 | 1.5 | 159.0 | 11.8 | 125.6 | 2.4 |
| | Q2 | 126.8 | 2.4 | 168.5 | 5.5 | 116.6 | -13.9 |
| | Q3 | 129.1 | 3.8 | 198.9 | 8.6 | 112.5 | 6.0 |
| | Q4 | 125.9 | 2.2 | 184.9 | 6.2 | 100.3 | -21.2 |
| 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 |
| 2022 | (Jan.-Sep.) | 126.3 | 2.6 | 175.5 | 8.5 | 118.2 | -2.6 |
| 2023 | (Jan.-Sep.) | 120.9 | -4.3 | 175.5 | 0.0 | 101.5 | -14.1 |
| 2022 | Jan. | 124.8 | -0.1 | 151.6 | 21.6 | 125.0 | 11.6 |
| | Feb. | 120.3 | -1.6 | 158.9 | 7.7 | 122.3 | 3.8 |
| | Mar. | 123.9 | 6.3 | 166.4 | 7.6 | 129.4 | -6.2 |
| | Apr. | 128.7 | 6.3 | 164.8 | 6.4 | 124.9 | -14.2 |
| | May | 124.6 | 3.7 | 159.5 | 3.9 | 105.8 | -8.9 |
| | Jun. | 127.3 | -2.3 | 181.3 | 6.0 | 119.2 | -17.7 |
| | Jul. | 130.5 | 6.4 | 191.9 | 11.9 | 121.5 | -1.9 |
| | Aug. | 128.1 | 3.1 | 197.8 | 9.5 | 114.7 | 27.1 |
| | Sep. | 128.8 | 2.0 | 206.9 | 4.8 | 101.5 | -2.9 |
| | Oct. | 127.2 | 5.9 | 196.7 | 5.2 | 110.9 | -14.1 |
| | Nov. | 122.0 | -3.1 | 171.4 | 5.6 | 96.0 | -27.7 |
| | Dec. | 128.4 | 4.1 | 186.5 | 7.8 | 94.0 | -21.7 |
| 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 |

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 | |
| | | <i>Manufacture of interchangeable tyre treads and retreading rubber tyres</i> | | <i>Manufacture of rubber gloves</i> | | <i>Rubber remilling and latex processing</i> | |
| | | Kod/ Codes | 22112 | 22192 | | 22193 | |
| | | Wajaran/Weight 2015 | 0.04 | 1.16 | | 0.24 | |
| 2021 | | 112.1 | -14.0 | 306.9 | 32.1 | 131.1 | 9.3 |
| 2022 | | 118.2 | 5.5 | 227.9 | -25.8 | 139.5 | 6.4 |
| 2022 | Q1 | 113.9 | 7.4 | 237.2 | -28.2 | 119.8 | -8.1 |
| | Q2 | 109.3 | 6.6 | 249.3 | -31.8 | 124.2 | 2.1 |
| | Q3 | 132.1 | 18.5 | 225.3 | -23.1 | 168.4 | 24.6 |
| | Q4 | 117.6 | -8.2 | 199.6 | -16.4 | 145.6 | 6.1 |
| 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 |
| 2022 | (Jan.-Sep.) | 118.4 | 11.0 | 237.3 | -28.0 | 137.5 | 6.5 |
| 2023 | (Jan.-Sep.) | 111.2 | -6.1 | 213.6 | -10.0 | 127.2 | -7.5 |
| 2022 | Jan. | 102.0 | -3.0 | 232.9 | -27.1 | 115.4 | -10.2 |
| | Feb. | 117.9 | 16.9 | 208.9 | -27.6 | 114.7 | -4.8 |
| | Mar. | 121.9 | 8.5 | 269.7 | -29.7 | 129.2 | -8.9 |
| | Apr. | 114.7 | 3.7 | 272.9 | -26.1 | 118.8 | -5.0 |
| | May | 103.0 | -4.7 | 235.6 | -33.0 | 124.0 | 5.4 |
| | Jun. | 110.1 | 24.0 | 239.5 | -36.4 | 129.9 | 6.1 |
| | Jul. | 121.7 | 21.2 | 236.3 | -27.0 | 141.2 | 19.0 |
| | Aug. | 133.8 | 15.7 | 231.0 | -21.6 | 186.6 | 34.1 |
| | Sep. | 140.8 | 18.9 | 208.6 | -19.8 | 177.3 | 20.1 |
| | Oct. | 116.5 | -15.7 | 196.5 | -21.0 | 174.8 | 26.6 |
| | Nov. | 113.5 | -8.4 | 189.5 | -14.7 | 126.2 | -6.0 |
| | Dec. | 122.9 | 0.3 | 212.9 | -13.4 | 135.8 | -2.5 |
| 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 |

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 | |
| | | <i>Manufacture of other rubber products n.e.c.</i> | | <i>Manufacture of semi-manufactures of plastic products</i> | | <i>Manufacture of finished plastic products</i> | |
| | | Kod/ Codes | 22199 | 22201 | | 22202 | |
| | | Wajaran/Weight 2015 | 0.37 | 0.36 | | 0.17 | |
| 2021 | | 130.6 | -6.2 | 153.9 | 32.0 | 103.8 | -2.0 |
| 2022 | | 140.0 | 7.2 | 177.6 | 15.4 | 96.2 | -7.2 |
| 2022 | Q1 | 137.0 | 3.9 | 174.7 | 10.6 | 111.8 | 14.5 |
| | Q2 | 132.4 | 1.5 | 176.0 | 19.8 | 89.9 | -5.3 |
| | Q3 | 142.1 | 9.6 | 192.3 | 25.8 | 84.2 | -17.3 |
| | Q4 | 148.6 | 13.7 | 167.6 | 6.1 | 99.0 | -17.9 |
| 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 |
| 2022 | (Jan.-Sep.) | 137.1 | 5.0 | 181.0 | 18.6 | 95.3 | -2.9 |
| 2023 | (Jan.-Sep.) | 141.6 | 3.2 | 156.8 | -13.3 | 105.6 | 10.8 |
| 2022 | Jan. | 136.1 | 7.9 | 177.3 | 7.9 | 106.3 | 21.8 |
| | Feb. | 135.8 | 2.6 | 194.3 | 18.1 | 117.3 | 4.3 |
| | Mar. | 139.0 | 1.5 | 152.4 | 5.2 | 111.9 | 19.8 |
| | Apr. | 146.3 | 2.8 | 166.4 | 21.5 | 87.7 | 1.9 |
| | May | 124.0 | -2.0 | 155.6 | 13.6 | 88.9 | 0.9 |
| | Jun. | 126.8 | 3.6 | 205.9 | 23.3 | 93.1 | -15.8 |
| | Jul. | 134.8 | 2.3 | 207.6 | 24.6 | 83.3 | -17.6 |
| | Aug. | 140.9 | 8.9 | 183.9 | 22.4 | 83.5 | -22.4 |
| | Sep. | 150.6 | 17.9 | 185.4 | 30.9 | 85.7 | -11.2 |
| | Oct. | 165.7 | 17.6 | 165.0 | 27.2 | 91.0 | -22.5 |
| | Nov. | 136.0 | 7.2 | 179.0 | 5.6 | 99.8 | -18.2 |
| | Dec. | 144.0 | 15.8 | 158.9 | -9.0 | 106.3 | -13.3 |
| 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 |

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 | |
| | | <i>Manufacture of plastic articles for the packing of goods</i> | | <i>Manufacture of builders' plastics ware</i> | | <i>Manufacture of plastic tableware, kitchenware and toilet articles</i> | |
| | | Kod/ Codes | 22203 | 22204 | | 22205 | |
| | | Wajaran/Weight 2015 | 0.62 | 0.07 | | 0.17 | |
| 2021 | | 138.5 | 12.4 | 129.6 | 22.2 | 88.2 | -8.0 |
| 2022 | | 145.2 | 4.8 | 119.7 | -7.6 | 76.2 | -13.6 |
| 2022 | Q1 | 135.0 | 7.5 | 131.5 | -1.3 | 77.1 | -2.2 |
| | Q2 | 141.9 | 11.0 | 120.1 | -7.2 | 83.4 | -8.9 |
| | Q3 | 166.0 | 6.0 | 125.1 | -3.8 | 85.2 | -9.6 |
| | Q4 | 137.8 | -4.3 | 102.3 | -18.7 | 59.1 | -33.0 |
| 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 |
| 2022 | (Jan.-Sep.) | 147.6 | 8.0 | 125.6 | -4.1 | 81.9 | -7.1 |
| 2023 | (Jan.-Sep.) | 142.4 | -3.5 | 109.5 | -12.8 | 72.0 | -12.1 |
| 2022 | Jan. | 138.4 | 10.2 | 145.2 | 11.3 | 81.1 | 2.1 |
| | Feb. | 132.5 | 6.2 | 121.4 | -12.0 | 77.5 | -0.2 |
| | Mar. | 134.1 | 5.9 | 127.9 | -2.6 | 72.9 | -8.4 |
| | Apr. | 135.8 | 15.7 | 121.7 | -12.3 | 75.5 | -15.3 |
| | May | 127.2 | 6.8 | 117.6 | 7.2 | 77.1 | -6.3 |
| | Jun. | 162.5 | 10.7 | 121.0 | -13.3 | 97.7 | -5.5 |
| | Jul. | 165.8 | 10.2 | 117.7 | -9.5 | 103.4 | 1.9 |
| | Aug. | 163.6 | 3.1 | 135.0 | 3.9 | 94.8 | 2.7 |
| | Sep. | 168.7 | 5.1 | 122.5 | -5.8 | 57.4 | -35.4 |
| | Oct. | 149.6 | -5.5 | 101.4 | -22.3 | 56.4 | -30.8 |
| | Nov. | 140.2 | 1.6 | 109.1 | -9.8 | 60.0 | -33.0 |
| | Dec. | 123.5 | -9.1 | 96.4 | -23.4 | 61.0 | -35.0 |
| 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 |

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. | |
| | | <i>Manufacture of diverse plastic products n.e.c.</i> | | <i>Manufacture of flat glass, including wired, coloured or tinted flat glass</i> | | <i>Manufacture of other glass products n.e.c.</i> | |
| | | Kod/ Codes | 22209 | 23101 | | 23109 | |
| | | Wajaran/Weight 2015 | 0.86 | 0.15 | | 0.23 | |
| 2021 | | 128.9 | 8.5 | 117.2 | -9.8 | 93.9 | -18.5 |
| 2022 | | 128.3 | -0.5 | 123.1 | 5.0 | 103.3 | 10.1 |
| 2022 | Q1 | 120.3 | 1.0 | 123.7 | 5.6 | 104.1 | 21.5 |
| | Q2 | 114.9 | -3.7 | 113.9 | 14.9 | 96.2 | 27.2 |
| | Q3 | 137.3 | 1.8 | 127.0 | 3.7 | 104.2 | 16.3 |
| | Q4 | 140.7 | -1.2 | 127.7 | -1.8 | 108.9 | -12.5 |
| 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 |
| 2022 | (Jan.-Sep.) | 124.1 | -0.2 | 121.5 | 7.6 | 101.5 | 21.3 |
| 2023 | (Jan.-Sep.) | 123.8 | -0.3 | 129.1 | 6.3 | 89.6 | -11.7 |
| 2022 | Jan. | 126.0 | 2.4 | 124.6 | -1.0 | 100.7 | 17.1 |
| | Feb. | 119.5 | -1.1 | 118.0 | 10.9 | 95.9 | 18.6 |
| | Mar. | 115.2 | 1.8 | 128.4 | 7.8 | 115.7 | 28.2 |
| | Apr. | 105.9 | 3.1 | 111.0 | 10.1 | 100.9 | 17.7 |
| | May | 104.7 | -5.8 | 110.0 | 18.9 | 95.7 | 19.0 |
| | Jun. | 134.0 | -7.0 | 120.5 | 16.1 | 91.9 | 51.2 |
| | Jul. | 133.3 | -1.1 | 126.1 | 8.1 | 103.4 | 57.8 |
| | Aug. | 140.6 | 4.8 | 130.3 | 8.9 | 104.8 | 1.8 |
| | Sep. | 137.9 | 1.7 | 124.6 | -5.0 | 104.3 | 3.9 |
| | Oct. | 140.7 | 6.9 | 131.5 | -6.5 | 115.8 | -6.5 |
| | Nov. | 146.7 | -4.2 | 122.0 | 0.8 | 108.2 | -16.2 |
| | Dec. | 134.7 | -5.6 | 129.6 | 0.9 | 102.7 | -14.8 |
| 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 |

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

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

| Tahun Year | Tempoh Period | Pembuatan seramik bukan refraktori | | Pembuatan produk porselin dan seramik lain | | Pembuatan simen hidrolik | |
|---------------|------------------|----------------------------------------------|----------------------------------------------------|------------------------------------------------------------|----------------------------------------------------|----------------------------------------|----------------------------------------------------|
| | | 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 |
| | | <i>Manufacture of non-refractory ceramic</i> | | <i>Manufacture of other porcelain and ceramic products</i> | | <i>Manufacture of hydraulic cement</i> | |
| | | Kod/ Codes | 23921 | 23930 | | 23941 | |
| | | Wajaran/Weight 2015 | 0.23 | 0.07 | | 0.74 | |
| 2021 | | 80.3 | -16.0 | 100.5 | 12.2 | 113.7 | -0.3 |
| 2022 | | 67.0 | -16.6 | 105.8 | 5.3 | 120.8 | 6.2 |
| 2022 | Q1 | 65.5 | -19.3 | 103.4 | -0.6 | 171.9 | 21.0 |
| | Q2 | 57.6 | -15.1 | 110.3 | 3.8 | 85.5 | 22.5 |
| | Q3 | 62.0 | -4.3 | 116.2 | 21.4 | 78.0 | -3.6 |
| | Q4 | 83.0 | -22.8 | 93.3 | -2.8 | 147.8 | -8.9 |
| 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 |
| 2022 | (Jan.-Sep.) | 61.7 | -13.4 | 110.0 | 7.8 | 111.8 | 14.6 |
| 2023 | (Jan.-Sep.) | 70.0 | 13.4 | 94.5 | -14.1 | 121.5 | 8.6 |
| 2022 | Jan. | 66.0 | -26.2 | 106.2 | 16.9 | 189.0 | 16.7 |
| | Feb. | 55.8 | -21.1 | 105.5 | -1.4 | 167.7 | 14.0 |
| | Mar. | 74.6 | -10.2 | 98.4 | -13.8 | 158.9 | 35.6 |
| | Apr. | 53.7 | -27.0 | 117.6 | -0.4 | 130.8 | 24.6 |
| | May | 57.6 | -23.3 | 105.2 | 7.7 | 66.2 | 12.9 |
| | Jun. | 61.4 | 11.9 | 107.9 | 5.1 | 59.6 | 29.9 |
| | Jul. | 59.2 | 4.6 | 117.0 | 19.6 | 52.5 | 16.4 |
| | Aug. | 67.2 | -12.2 | 119.2 | 21.2 | 86.7 | 1.4 |
| | Sep. | 59.7 | -2.6 | 112.6 | 23.4 | 94.7 | -15.4 |
| | Oct. | 71.5 | -33.7 | 97.3 | 3.3 | 117.4 | -19.7 |
| | Nov. | 100.2 | -17.2 | 90.9 | -8.5 | 148.2 | -6.5 |
| | Dec. | 77.3 | -17.5 | 91.9 | -2.9 | 177.7 | -2.2 |
| 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 |

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

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

| Tahun Year | Tempoh Period | 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 | |
|---------------|--------------------|----------------------------------------|----------------------------------------------------|------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------------|----------------------------------------------------|
| | | 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 |
| | | <i>Manufacture of lime and plaster</i> | | <i>Manufacture of ready-mix and dry-mix concrete and mortars</i> | | <i>Manufacture of precast concrete, cement or artificial stone articles for use in construction</i> | |
| | | Kod/ Codes | 23942 | 23951 | 23952 | | |
| | | Wajaran/Weight 2015 | 0.09 | 0.36 | 0.38 | | |
| 2021 | | 95.9 | 0.6 | 143.9 | 26.3 | 77.6 | -9.0 |
| 2022 | | 102.5 | 6.8 | 178.5 | 24.0 | 92.9 | 19.7 |
| 2022 | Q1 | 94.6 | -17.6 | 151.1 | 8.2 | 88.6 | 0.2 |
| | Q2 | 86.9 | 5.1 | 165.1 | 22.9 | 86.0 | 19.2 |
| | Q3 | 96.9 | 9.3 | 194.3 | 45.5 | 98.1 | 49.0 |
| | Q4 | 131.6 | 34.7 | 203.5 | 21.0 | 98.8 | 17.7 |
| 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 |
| 2022 | (Jan.-Sep.) | 92.8 | -2.7 | 170.2 | 25.3 | 90.9 | 20.4 |
| 2023 | (Jan.-Sep.) | 114.6 | 23.5 | 183.0 | 7.5 | 92.3 | 1.6 |
| 2022 | Jan. | 101.0 | -21.7 | 167.2 | 33.2 | 86.0 | -7.2 |
| | Feb. | 93.2 | -12.8 | 127.3 | 5.0 | 90.5 | 10.5 |
| | Mar. | 89.6 | -17.4 | 158.9 | -7.8 | 89.3 | -1.6 |
| | Apr. | 78.6 | -6.7 | 154.1 | -1.4 | 85.8 | 10.7 |
| | May | 89.9 | 5.4 | 166.2 | 12.7 | 81.8 | 11.6 |
| | Jun. | 92.1 | 17.4 | 174.9 | 76.5 | 90.3 | 37.8 |
| | Jul. | 93.7 | 21.3 | 178.1 | 75.7 | 95.0 | 61.2 |
| | Aug. | 101.0 | 7.3 | 205.7 | 45.1 | 98.6 | 36.7 |
| | Sep. | 96.1 | 1.6 | 199.1 | 26.3 | 100.8 | 51.5 |
| | Oct. | 126.5 | 23.0 | 223.8 | 32.7 | 112.6 | 49.6 |
| | Nov. | 130.7 | 36.4 | 188.2 | 11.8 | 94.7 | 8.6 |
| | Dec. | 137.6 | 45.6 | 198.4 | 18.5 | 89.0 | -0.2 |
| 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 |

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. | |
| | | <i>Manufacture of prefabricated structural components for building or civil engineering of cement, concrete or artificial stone</i> | | <i>Manufacture of other articles of concrete, cement and plaster n.e.c.</i> | | <i>Manufacture of other non-metallic mineral products n.e.c.</i> | |
| | | Kod/ Codes | 23953 | 23959 | 23990 | | |
| | | Wajaran/Weight 2015 | 0.18 | 0.19 | 0.21 | | |
| 2021 | | 91.4 | -1.0 | 95.7 | 3.1 | 99.5 | 13.2 |
| 2022 | | 87.9 | -3.8 | 108.4 | 13.2 | 95.7 | -3.7 |
| 2022 | Q1 | 98.0 | -15.9 | 135.2 | 3.5 | 100.9 | -14.6 |
| | Q2 | 90.8 | -1.6 | 91.6 | 28.5 | 83.6 | -18.1 |
| | Q3 | 85.3 | 11.3 | 91.4 | 35.9 | 90.5 | 2.5 |
| | Q4 | 77.7 | -2.9 | 115.5 | 1.4 | 108.0 | 20.9 |
| 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 |
| 2022 | (Jan.-Sep.) | 91.4 | -4.0 | 106.0 | 18.2 | 91.7 | -10.9 |
| 2023 | (Jan.-Sep.) | 85.9 | -6.0 | 101.3 | -4.5 | 88.0 | -4.0 |
| 2022 | Jan. | 85.3 | -21.1 | 145.5 | -2.5 | 101.8 | -24.3 |
| | Feb. | 107.9 | -14.5 | 146.0 | 5.4 | 96.2 | 3.5 |
| | Mar. | 100.7 | -12.6 | 114.0 | 9.7 | 104.7 | -17.7 |
| | Apr. | 98.5 | -7.5 | 98.3 | 17.4 | 103.6 | -8.8 |
| | May | 84.9 | -14.5 | 83.4 | 21.0 | 72.3 | -25.8 |
| | Jun. | 89.1 | 24.9 | 93.0 | 52.2 | 74.8 | -21.4 |
| | Jul. | 88.0 | 23.9 | 85.6 | 49.2 | 77.7 | -7.4 |
| | Aug. | 78.9 | -3.1 | 85.8 | 25.8 | 99.2 | 11.8 |
| | Sep. | 88.9 | 14.8 | 102.7 | 34.8 | 94.6 | 2.6 |
| | Oct. | 83.6 | 30.9 | 110.0 | 12.5 | 109.8 | 9.1 |
| | Nov. | 77.4 | -9.1 | 114.2 | -5.8 | 107.1 | 29.0 |
| | Dec. | 72.1 | -20.8 | 122.3 | -0.3 | 107.0 | 26.9 |
| 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 |

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 jongsong besi dan spiegeleisen dalam bentuk jongsong, blok atau dalam bentuk asal lain | | Pembuatan batang dan rod keluli tahan karat atau keluli aloi lain | | Pembuatan tiub tidak berkelim, dengan pengelekan, picitan atau tempaan panas, atau dengan tempaan atau pengelekan sejuk | |
| | | <i>Production of pig iron and spiegeleisen in pigs, blocks or other primary forms</i> | | <i>Production of bars and rods of stainless steel or other alloy steel</i> | | <i>Manufacture of seamless tubes, by hot rolling, hot extrusion or hot drawing, or by cold drawing or cold rolling</i> | |
| | | Kod/ Codes | 24101 | 24102 | 24103 | | |
| | | Wajaran/Weight 2015 | 0.23 | 0.79 | 0.11 | | |
| 2021 | | 103.1 | -1.9 | 130.6 | 4.4 | 82.7 | -14.5 |
| 2022 | | 107.6 | 4.3 | 141.3 | 8.2 | 81.7 | -1.1 |
| 2022 | Q1 | 122.6 | 13.5 | 131.6 | 4.1 | 91.8 | -9.2 |
| | Q2 | 83.0 | -8.0 | 133.5 | 10.4 | 73.1 | 6.2 |
| | Q3 | 102.0 | 4.8 | 145.6 | 10.3 | 73.9 | 7.6 |
| | Q4 | 122.9 | 5.0 | 154.4 | 8.1 | 88.1 | -4.2 |
| 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 |
| 2022 | (Jan.-Sep.) | 102.5 | 4.1 | 136.9 | 8.2 | 79.6 | 0.0 |
| 2023 | (Jan.-Sep.) | 118.3 | 15.4 | 150.3 | 9.8 | 76.1 | -4.4 |
| 2022 | Jan. | 122.3 | 21.0 | 133.8 | 4.9 | 99.6 | -8.1 |
| | Feb. | 125.7 | 1.1 | 122.2 | 2.9 | 90.0 | -8.9 |
| | Mar. | 119.7 | 21.4 | 138.8 | 4.3 | 85.8 | -11.0 |
| | Apr. | 81.4 | -9.7 | 147.5 | 5.0 | 68.7 | -10.7 |
| | May | 82.9 | -15.5 | 128.4 | 6.2 | 79.4 | 20.5 |
| | Jun. | 84.7 | 2.9 | 124.5 | 22.9 | 71.4 | 11.6 |
| | Jul. | 94.8 | 4.9 | 127.1 | 25.7 | 68.1 | 8.7 |
| | Aug. | 109.3 | -3.5 | 154.6 | 13.5 | 68.9 | 3.8 |
| | Sep. | 101.8 | 15.4 | 155.2 | -2.3 | 84.6 | 9.9 |
| | Oct. | 107.6 | -1.7 | 159.4 | 16.1 | 76.2 | -15.5 |
| | Nov. | 126.8 | 10.5 | 158.9 | 7.1 | 85.6 | -5.6 |
| | Dec. | 134.3 | 5.8 | 144.8 | 1.6 | 102.6 | 7.9 |
| 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 |

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 | |
| | | <i>Manufacture of other basic iron and steel products n.e.c.</i> | | <i>Tin smelting; Production of aluminium from alumina; & Manufacture of other basic precious and other non-ferrous metal n.e.c</i> | | <i>Manufacture of metal doors, windows and their frames, shutters and gates</i> | |
| | | Kod/ Codes | 24109 | 24201, 24202 & 24209 | | 25113 | |
| | | Wajaran/Weight 2015 | 0.33 | 0.71 | | 0.32 | |
| 2021 | | 94.3 | -3.3 | 112.7 | 5.8 | 107.5 | -5.1 |
| 2022 | | 100.2 | 6.2 | 0.0 | -100.0 | 104.9 | -2.4 |
| 2022 | Q1 | 107.7 | 11.7 | 127.7 | 9.8 | 118.4 | -2.0 |
| | Q2 | 102.5 | 23.8 | 117.3 | 12.5 | 94.3 | -3.0 |
| | Q3 | 97.7 | 9.9 | 117.1 | 14.9 | 92.0 | -5.4 |
| | Q4 | 92.9 | -15.0 | 121.7 | -5.2 | 114.9 | 0.1 |
| 2023 | Q1 | 86.6 | -19.6 | 89.7 | -29.8 | 113.4 | -4.2 |
| | Q2 | 79.8 | -22.1 | 100.1 | -14.6 | 96.8 | 2.6 |
| | Q3 | 96.8 | -0.9 | 99.5 | -15.1 | 99.6 | 8.2 |
| 2022 | (Jan.-Sep.) | 102.6 | 14.9 | 120.7 | 12.3 | 101.6 | -3.4 |
| 2023 | (Jan.-Sep.) | 87.7 | -14.5 | 119.7 | -0.9 | 103.3 | 1.7 |
| 2022 | Jan. | 110.1 | 11.1 | 129.5 | 5.4 | 120.4 | 2.9 |
| | Feb. | 104.1 | 6.5 | 128.4 | 9.8 | 121.4 | -8.8 |
| | Mar. | 108.9 | 18.0 | 125.2 | 14.8 | 113.3 | 0.9 |
| | Apr. | 110.3 | 23.2 | 118.8 | 6.7 | 92.1 | -7.4 |
| | May | 98.3 | 20.3 | 117.0 | 10.2 | 92.9 | -13.5 |
| | Jun. | 98.9 | 28.3 | 115.9 | 21.8 | 98.0 | 15.3 |
| | Jul. | 96.0 | 28.3 | 112.3 | 30.4 | 83.2 | -8.7 |
| | Aug. | 92.0 | 3.7 | 120.2 | 17.7 | 93.0 | -7.5 |
| | Sep. | 105.0 | 1.9 | 119.0 | 1.0 | 99.9 | -0.3 |
| | Oct. | 98.5 | -10.7 | 122.4 | -7.0 | 114.9 | -3.9 |
| | Nov. | 95.4 | -13.1 | 123.1 | -1.3 | 107.0 | -9.6 |
| | Dec. | 84.9 | -21.3 | 119.7 | -7.1 | 122.7 | 15.2 |
| 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 |

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 gelekkan logam; serbuk metalurgi | | Rawatan dan penyalutan logam; menggunakan mesin | |
| | | <i>Manufacture of other structural metal products</i> | | <i>Manufacture of tanks, reservoirs and containers of metal</i> | | <i>Forging, pressing, stamping and roll-forming of metal; powder metallurgy</i> | | <i>Treatment and coating of metals; machining</i> | |
| Kod/ Codes | | 25119 | | 25120 | | 25910 | | 25920 | |
| Wajaran/Weight 2015 | | 0.54 | | 0.31 | | 0.32 | | 0.25 | |
| 2021 | | 112.7 | -2.0 | 113.5 | 14.0 | 96.7 | 8.4 | 118.9 | -0.7 |
| 2022 | | 121.4 | 7.7 | 131.5 | 15.9 | 101.1 | 4.5 | 141.8 | 19.2 |
| 2022 | Q1 | 125.6 | 11.6 | 141.7 | 5.2 | 111.4 | 5.5 | 147.3 | 35.6 |
| | Q2 | 107.1 | 10.4 | 115.6 | 27.2 | 97.9 | -7.7 | 103.6 | 21.8 |
| | Q3 | 121.6 | 14.7 | 119.5 | 35.7 | 100.9 | 39.6 | 120.0 | 5.3 |
| | Q4 | 131.2 | -3.0 | 149.1 | 6.4 | 94.1 | -8.5 | 196.3 | 16.8 |
| 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 | 149.2 | 24.3 |
| 2022 | (Jan.-Sep.) | 118.1 | 12.3 | 125.6 | 20.1 | 103.4 | 9.2 | 123.6 | 6.8 |
| 2023 | (Jan.-Sep.) | 127.1 | 7.6 | 148.5 | 18.2 | 115.3 | 11.5 | 152.8 | 23.6 |
| 2022 | Jan. | 138.2 | 17.7 | 171.8 | 16.9 | 125.7 | 3.5 | 197.7 | 27.8 |
| | Feb. | 112.5 | 6.5 | 121.0 | -12.4 | 105.9 | 24.0 | 138.9 | 43.6 |
| | Mar. | 126.2 | 9.9 | 132.4 | 11.1 | 102.5 | -6.6 | 105.2 | 41.5 |
| | Apr. | 109.2 | 8.0 | 113.0 | 15.1 | 96.7 | -13.9 | 97.3 | 17.6 |
| | May | 103.7 | 7.5 | 116.8 | 19.1 | 98.3 | -15.7 | 104.9 | 9.5 |
| | Jun. | 108.5 | 16.0 | 117.1 | 53.0 | 98.9 | 10.5 | 108.7 | 41.7 |
| | Jul. | 114.0 | 11.9 | 108.7 | 33.0 | 86.5 | 25.2 | 94.5 | 66.3 |
| | Aug. | 129.7 | 22.4 | 113.2 | 46.6 | 94.5 | 29.0 | 112.6 | -5.3 |
| | Sep. | 120.9 | 10.0 | 136.6 | 29.8 | 121.7 | 63.3 | 153.0 | -7.9 |
| | Oct. | 118.9 | -14.0 | 136.5 | 13.4 | 94.2 | -8.2 | 208.8 | 13.2 |
| | Nov. | 130.6 | -7.9 | 153.8 | 0.3 | 94.8 | -7.1 | 199.5 | 29.8 |
| | Dec. | 144.1 | 14.6 | 157.0 | 6.9 | 93.2 | -10.2 | 180.5 | 8.7 |
| 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 | 212.4 | 38.8 |

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 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 | | | |
| | | <i>Manufacture of tins and cans for food products, collapsible tubes and boxes</i> | | <i>Manufacture of metal cable, plaited bands and similar articles</i> | | <i>Manufacture of bolts, screws, nuts and similar threaded products</i> | |
| | | Kod/ Codes | 25991 | 25992 | 25993 | | |
| | | Wajaran/Weight 2015 | 0.41 | 0.35 | 0.31 | | |
| 2021 | | 93.3 | 6.1 | 84.8 | -6.1 | 109.0 | 18.6 |
| 2022 | | 89.6 | -4.1 | 92.5 | 9.0 | 97.3 | -10.7 |
| 2022 | Q1 | 99.2 | -8.3 | 90.5 | 4.5 | 108.9 | -3.5 |
| | Q2 | 88.5 | 8.4 | 87.0 | 20.6 | 97.4 | -6.3 |
| | Q3 | 81.8 | -2.9 | 95.2 | 9.1 | 96.1 | -11.8 |
| | Q4 | 88.7 | -10.6 | 97.1 | 4.2 | 86.7 | -21.3 |
| 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 |
| 2022 | (Jan.-Sep.) | 89.8 | -1.7 | 90.9 | 10.8 | 100.8 | -7.2 |
| 2023 | (Jan.-Sep.) | 83.4 | -7.1 | 93.2 | 2.5 | 95.9 | -4.8 |
| 2022 | Jan. | 106.8 | -10.9 | 100.8 | -2.1 | 124.0 | -3.2 |
| | Feb. | 96.6 | -11.1 | 78.2 | 8.1 | 93.9 | -0.2 |
| | Mar. | 94.1 | -2.0 | 92.4 | 9.4 | 108.8 | -6.5 |
| | Apr. | 85.0 | 2.3 | 82.0 | 7.0 | 97.6 | -11.6 |
| | May | 90.5 | 10.9 | 87.2 | 25.8 | 96.6 | -15.0 |
| | Jun. | 90.1 | 12.0 | 91.8 | 30.4 | 98.2 | 11.8 |
| | Jul. | 80.1 | 10.0 | 96.8 | 22.0 | 97.9 | -3.3 |
| | Aug. | 84.1 | 3.8 | 96.8 | 6.9 | 92.5 | -17.6 |
| | Sep. | 81.4 | -17.9 | 92.1 | 0.1 | 97.9 | -13.7 |
| | Oct. | 85.1 | -11.9 | 85.1 | -6.7 | 82.9 | -26.0 |
| | Nov. | 88.8 | -13.2 | 102.0 | 7.6 | 91.2 | -16.8 |
| | Dec. | 92.2 | -6.6 | 104.1 | 11.6 | 85.9 | -21.1 |
| 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 |

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 | |
| | | <i>Manufacture of any other fabricated metal products n.e.c.</i> | | <i>Manufacture of diodes, transistors and similar semiconductor devices</i> | | <i>Manufacture of electronic integrated circuits micro assemblies</i> | |
| | | Kod/ Codes | 25999 | 26101 | | 26102 | |
| | | Wajaran/Weight 2015 | 0.45 | 3.25 | | 1.76 | |
| 2021 | | 122.2 | 10.6 | 155.2 | 16.8 | 174.6 | 10.0 |
| 2022 | | 141.5 | 15.8 | 176.8 | 13.9 | 204.4 | 17.0 |
| 2022 | Q1 | 137.6 | 1.9 | 157.8 | 19.3 | 154.8 | 0.3 |
| | Q2 | 134.6 | 17.4 | 171.9 | 13.3 | 233.1 | 13.8 |
| | Q3 | 141.1 | 28.9 | 182.6 | 15.1 | 231.4 | 41.5 |
| | Q4 | 152.9 | 17.8 | 194.7 | 9.3 | 198.2 | 12.7 |
| 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 |
| 2022 | (Jan.-Sep.) | 137.8 | 15.1 | 170.8 | 15.8 | 206.4 | 18.5 |
| 2023 | (Jan.-Sep.) | 139.4 | 1.2 | 166.3 | -2.6 | 174.4 | -15.5 |
| 2022 | Jan. | 145.5 | 0.7 | 162.5 | 24.0 | 167.2 | -4.7 |
| | Feb. | 128.6 | 13.5 | 141.9 | 12.7 | 125.1 | 0.5 |
| | Mar. | 138.8 | -5.8 | 169.1 | 20.8 | 172.1 | 5.5 |
| | Apr. | 144.6 | 9.1 | 159.8 | 14.2 | 200.2 | 6.9 |
| | May | 128.1 | 6.5 | 162.3 | 15.7 | 219.9 | 14.7 |
| | Jun. | 131.1 | 43.9 | 193.6 | 10.7 | 279.2 | 18.6 |
| | Jul. | 123.2 | 31.5 | 175.0 | 14.4 | 227.4 | 30.0 |
| | Aug. | 126.3 | 34.8 | 183.8 | 17.8 | 237.7 | 33.6 |
| | Sep. | 173.8 | 23.2 | 189.1 | 13.3 | 229.1 | 66.1 |
| | Oct. | 196.6 | 48.7 | 189.4 | 6.7 | 212.5 | 23.8 |
| | Nov. | 142.7 | 6.1 | 206.5 | 12.8 | 178.9 | 5.7 |
| | Dec. | 119.4 | -2.7 | 188.2 | 8.5 | 203.1 | 8.8 |
| 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 |

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

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

| Tahun Year | Tempoh Period | Pembuatan kapasitor dan perintang elektrik | | Pembuatan papan litar bercetak | | Pembuatan komponen paparan | |
|---------------|------------------|-----------------------------------------------------------|----------------------------------------------------|----------------------------------------------|----------------------------------------------------|------------------------------------------|----------------------------------------------------|
| | | 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 |
| | | <i>Manufacture of electrical capacitors and resistors</i> | | <i>Manufacture of printed circuit boards</i> | | <i>Manufacture of display components</i> | |
| | | Kod/ Codes | 26103 | 26104 | | 26105 | |
| | | Wajaran/Weight 2015 | 0.29 | 2.19 | | 0.01 | |
| 2021 | | 179.3 | 6.4 | 182.2 | 26.1 | 120.9 | -8.5 |
| 2022 | | 154.2 | -14.0 | 240.7 | 32.1 | 118.8 | -1.7 |
| 2022 | Q1 | 178.8 | 15.4 | 198.0 | 40.2 | 118.7 | -7.0 |
| | Q2 | 153.2 | -7.0 | 229.2 | 35.6 | 118.5 | 0.7 |
| | Q3 | 135.0 | -25.4 | 251.0 | 27.0 | 114.4 | -1.5 |
| | Q4 | 150.0 | -30.7 | 284.6 | 28.8 | 123.6 | 1.3 |
| 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 |
| 2022 | (Jan.-Sep.) | 155.7 | -6.7 | 226.1 | 33.5 | 117.2 | -2.7 |
| 2023 | (Jan.-Sep.) | 148.4 | -4.7 | 228.6 | 1.1 | 115.3 | -1.6 |
| 2022 | Jan. | 182.6 | 2.5 | 202.6 | 38.4 | 127.1 | -10.1 |
| | Feb. | 171.1 | 20.6 | 187.0 | 37.3 | 111.7 | -8.2 |
| | Mar. | 182.6 | 26.4 | 204.4 | 44.9 | 117.2 | -2.4 |
| | Apr. | 166.5 | 15.2 | 193.3 | 23.5 | 116.8 | 1.8 |
| | May | 127.7 | -33.5 | 209.1 | 36.3 | 118.7 | -2.0 |
| | Jun. | 165.5 | 5.1 | 285.2 | 44.8 | 120.1 | 2.3 |
| | Jul. | 153.5 | -31.1 | 233.9 | 39.2 | 112.7 | 0.9 |
| | Aug. | 111.9 | -24.3 | 249.7 | 28.0 | 113.7 | -1.8 |
| | Sep. | 139.7 | -19.2 | 269.3 | 17.2 | 116.9 | -3.3 |
| | Oct. | 150.4 | -32.0 | 283.5 | 30.3 | 123.8 | 8.6 |
| | Nov. | 157.2 | -27.0 | 299.1 | 35.9 | 123.8 | -2.6 |
| | Dec. | 142.3 | -33.1 | 271.1 | 20.3 | 123.4 | -1.4 |
| 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 |

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

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

| Tahun Year | Tempoh Period | Pembuatan komponen lain untuk aplikasi elektronik | | Pembuatan komputer | | Pembuatan kelengkapan peranti | |
|---------------|------------------|--------------------------------------------------------------------|----------------------------------------------------|---------------------------------|----------------------------------------------------|--------------------------------------------|----------------------------------------------------|
| | | 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 |
| | | <i>Manufacture of other components for electronic applications</i> | | <i>Manufacture of computers</i> | | <i>Manufacture of peripheral equipment</i> | |
| | | Kod/ Codes | 26109 | 26201 | 26202 | | |
| | | Wajaran/Weight 2015 | 0.19 | 0.66 | 1.16 | | |
| 2021 | | 107.4 | -12.1 | 113.2 | 1.5 | 121.7 | 21.8 |
| 2022 | | 111.9 | 4.2 | 129.0 | 13.9 | 123.4 | 1.4 |
| 2022 | Q1 | 111.3 | 3.8 | 118.4 | 9.7 | 113.9 | 10.0 |
| | Q2 | 108.6 | 2.9 | 131.9 | 26.8 | 137.0 | 1.8 |
| | Q3 | 107.8 | 4.6 | 141.0 | 13.8 | 136.6 | 8.2 |
| | Q4 | 119.8 | 5.3 | 124.6 | 6.5 | 106.0 | -13.5 |
| 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 |
| 2022 | (Jan.-Sep.) | 109.2 | 3.8 | 130.4 | 16.5 | 129.2 | 6.4 |
| 2023 | (Jan.-Sep.) | 128.6 | 17.8 | 121.7 | -6.7 | 134.1 | 3.8 |
| 2022 | Jan. | 112.8 | 10.5 | 122.0 | 4.9 | 118.7 | 19.4 |
| | Feb. | 108.9 | -1.0 | 112.0 | 12.4 | 102.0 | 8.8 |
| | Mar. | 112.0 | 2.3 | 121.3 | 12.5 | 120.8 | 3.0 |
| | Apr. | 107.4 | 0.3 | 127.3 | 34.1 | 138.0 | 3.2 |
| | May | 105.3 | -4.6 | 118.9 | 30.9 | 112.7 | -4.8 |
| | Jun. | 113.0 | 14.1 | 149.5 | 18.4 | 160.3 | 5.7 |
| | Jul. | 107.9 | 8.2 | 138.6 | 2.4 | 145.4 | 12.8 |
| | Aug. | 105.2 | 3.1 | 149.8 | 29.2 | 140.0 | 3.3 |
| | Sep. | 110.2 | 2.7 | 134.5 | 11.7 | 124.5 | 8.7 |
| | Oct. | 118.3 | 5.9 | 146.2 | 6.6 | 112.4 | -15.6 |
| | Nov. | 118.9 | 3.0 | 108.1 | 3.5 | 108.9 | -5.8 |
| | Dec. | 122.2 | 7.1 | 119.5 | 9.3 | 96.9 | -18.5 |
| 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 |

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 | |
| | | <i>Manufacture of communication equipment</i> | | <i>Manufacture of consumer electronics</i> | | <i>Manufacture of measuring, testing, navigating and control equipment</i> | |
| Kod/ Codes | | 26300 | | 26400 | | 26511 | |
| Wajaran/Weight 2015 | | 0.91 | | 2.43 | | 0.39 | |
| 2021 | | 97.2 | -12.6 | 155.9 | 24.3 | 139.5 | 21.0 |
| 2022 | | 95.4 | -1.9 | 183.0 | 17.4 | 172.2 | 23.5 |
| 2022 | Q1 | 98.2 | -8.6 | 169.3 | 22.1 | 140.7 | 20.3 |
| | Q2 | 88.6 | 9.1 | 157.2 | 30.7 | 159.3 | 22.0 |
| | Q3 | 97.6 | 1.1 | 202.4 | 14.2 | 186.9 | 29.2 |
| | Q4 | 97.2 | -6.2 | 203.0 | 8.3 | 202.1 | 22.0 |
| 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 |
| 2022 | (Jan.-Sep.) | 94.8 | -0.3 | 176.3 | 21.3 | 162.3 | 24.1 |
| 2023 | (Jan.-Sep.) | 113.4 | 19.6 | 189.0 | 7.2 | 188.3 | 16.1 |
| 2022 | Jan. | 107.9 | -16.2 | 207.0 | 20.8 | 144.6 | 27.7 |
| | Feb. | 95.1 | -12.9 | 146.9 | 16.3 | 134.7 | 15.3 |
| | Mar. | 91.7 | 8.5 | 153.9 | 30.4 | 142.6 | 18.2 |
| | Apr. | 83.4 | 14.3 | 149.9 | 35.0 | 137.0 | 24.8 |
| | May | 90.4 | 16.2 | 152.8 | 35.7 | 149.3 | 21.9 |
| | Jun. | 92.1 | -0.8 | 168.8 | 23.2 | 191.5 | 20.0 |
| | Jul. | 97.7 | -9.3 | 168.0 | 18.5 | 167.7 | 21.6 |
| | Aug. | 101.2 | 20.8 | 204.1 | 20.9 | 195.6 | 36.7 |
| | Sep. | 93.8 | -4.3 | 235.1 | 6.2 | 197.5 | 29.1 |
| | Oct. | 97.4 | -11.0 | 199.6 | 5.1 | 182.6 | 21.7 |
| | Nov. | 87.5 | -13.8 | 208.7 | 15.9 | 212.2 | 24.5 |
| | Dec. | 106.6 | 6.6 | 200.9 | 4.2 | 211.5 | 19.9 |
| 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 |

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 | | | |
| | | <i>Manufacture of watches and clocks and parts</i> | | <i>Manufacture of irradiation, electro medical and electrotherapeutic equipment</i> | | <i>Manufacture of optical instruments and equipment</i> | |
| | | Kod/ Codes | 26520 | 26600 | 26701 | | |
| | | Wajaran/Weight 2015 | 0.13 | 0.40 | 0.04 | | |
| 2021 | | 103.4 | -15.4 | 132.6 | 9.2 | 111.8 | 5.2 |
| 2022 | | 86.5 | -16.3 | 144.8 | 9.2 | 112.0 | 0.2 |
| 2022 | Q1 | 82.0 | -34.6 | 130.4 | 5.3 | 117.0 | 9.7 |
| | Q2 | 90.6 | -12.8 | 135.0 | -3.4 | 122.0 | 14.3 |
| | Q3 | 90.7 | -7.7 | 160.5 | 21.3 | 116.5 | -8.0 |
| | Q4 | 82.8 | -3.8 | 153.2 | 14.0 | 92.3 | -13.8 |
| 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 |
| 2022 | (Jan.-Sep.) | 87.8 | -19.6 | 142.0 | 7.6 | 118.5 | 4.6 |
| 2023 | (Jan.-Sep.) | 77.8 | -11.3 | 146.9 | 3.5 | 115.5 | -2.6 |
| 2022 | Jan. | 78.2 | -40.3 | 127.9 | 11.0 | 123.2 | -8.6 |
| | Feb. | 84.7 | -31.5 | 128.8 | 8.1 | 111.6 | 16.0 |
| | Mar. | 83.2 | -31.8 | 134.6 | -1.8 | 116.3 | 30.5 |
| | Apr. | 95.1 | -7.0 | 117.8 | -11.0 | 129.2 | 21.9 |
| | May | 95.3 | -5.0 | 126.0 | -3.6 | 117.6 | 4.9 |
| | Jun. | 81.5 | -25.4 | 161.2 | 3.1 | 119.2 | 17.0 |
| | Jul. | 91.6 | -19.0 | 156.9 | 14.6 | 120.0 | -3.9 |
| | Aug. | 97.1 | 7.1 | 164.2 | 22.4 | 113.3 | -15.1 |
| | Sep. | 83.3 | -8.3 | 160.4 | 27.5 | 116.3 | -4.2 |
| | Oct. | 76.8 | -14.4 | 162.1 | 12.3 | 93.4 | -9.7 |
| | Nov. | 78.0 | -10.4 | 158.7 | 25.7 | 92.0 | -11.4 |
| | Dec. | 93.5 | 15.0 | 138.7 | 4.7 | 91.6 | -19.6 |
| 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 |

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

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

| Tahun Year | Tempoh Period | Pembuatan peralatan fotografi | | Pembuatan motor elektrik, penjana dan transformer | | Pembuatan perkakasan pengagihan dan pengawalan elektrik | |
|---------------|--------------------|--------------------------------------------------|-----------------------------------------------------------|------------------------------------------------------------------------|-----------------------------------------------------------|--------------------------------------------------------------------------|-----------------------------------------------------------|
| | | 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 |
| | | <i>Manufacture of photographic equipment</i> | | <i>Manufacture of electric motors, generators and transformers</i> | | <i>Manufacture of electricity distribution and control apparatus</i> | |
| | | Kod/ Codes | 26702 | 27101 | | 27102 | |
| | | Wajaran/Weight 2015 | 0.05 | 0.21 | | 0.44 | |
| 2021 | | 63.5 | -16.8 | 141.8 | 5.1 | 107.5 | 5.4 |
| 2022 | | 45.2 | -28.8 | 156.4 | 10.2 | 102.5 | -4.6 |
| 2022 | Q1 | 46.7 | -28.4 | 162.9 | 26.7 | 96.6 | -5.9 |
| | Q2 | 44.6 | -27.7 | 155.0 | 18.4 | 108.4 | -8.0 |
| | Q3 | 48.2 | -28.3 | 152.4 | 2.8 | 94.5 | -6.9 |
| | Q4 | 41.5 | -30.9 | 155.1 | -2.8 | 110.8 | 2.3 |
| 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 |
| 2022 | (Jan.-Sep.) | 46.5 | -28.1 | 156.8 | 15.3 | 99.8 | -7.0 |
| 2023 | (Jan.-Sep.) | 36.7 | -21.1 | 155.2 | -1.0 | 95.6 | -4.2 |
| 2022 | Jan. | 39.5 | -35.8 | 171.3 | 24.8 | 98.0 | -17.2 |
| | Feb. | 48.7 | -37.7 | 148.8 | 20.9 | 85.7 | -2.7 |
| | Mar. | 51.9 | -7.1 | 168.6 | 34.4 | 105.9 | 4.6 |
| | Apr. | 40.4 | -27.0 | 164.6 | 27.8 | 108.7 | -6.0 |
| | May | 52.1 | -15.5 | 137.4 | 10.2 | 99.6 | -12.3 |
| | Jun. | 41.2 | -39.3 | 163.0 | 17.1 | 116.7 | -5.9 |
| | Jul. | 45.0 | -27.3 | 157.3 | 20.2 | 88.6 | -13.4 |
| | Aug. | 57.6 | -27.6 | 143.2 | -2.7 | 88.4 | -5.5 |
| | Sep. | 41.9 | -30.4 | 156.8 | -6.0 | 106.4 | -2.0 |
| | Oct. | 51.5 | -22.7 | 169.0 | 3.2 | 111.4 | -0.9 |
| | Nov. | 34.4 | -33.6 | 149.6 | -2.0 | 104.6 | 4.6 |
| | Dec. | 38.6 | -37.6 | 146.6 | -9.7 | 116.3 | 3.5 |
| 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 |

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

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

| Tahun Year | Tempoh Period | Pembuatan kabel gentian optikal | | Pembuatan wayar dan kabel elektronik dan elektrik lain | | Pembuatan perkakasan domestik | |
|---------------|------------------|------------------------------------------|----------------------------------------------------|----------------------------------------------------------------------|----------------------------------------------------|-------------------------------------------|----------------------------------------------------|
| | | 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 |
| | | <i>Manufacture of fibre optic cables</i> | | <i>Manufacture of other electronic and electric wires and cables</i> | | <i>Manufacture of domestic appliances</i> | |
| | | Kod/ Codes | 27310 | 27320 | 27500 | | |
| | | Wajaran/Weight 2015 | 0.03 | 0.46 | 0.47 | | |
| 2021 | | 113.8 | 11.6 | 146.0 | 12.0 | 136.1 | 7.0 |
| 2022 | | 128.8 | 13.2 | 165.4 | 13.3 | 142.6 | 4.8 |
| 2022 | Q1 | 120.5 | 12.8 | 161.3 | 19.1 | 136.6 | 20.6 |
| | Q2 | 129.1 | 26.7 | 165.9 | 25.7 | 149.5 | 17.1 |
| | Q3 | 131.5 | 8.1 | 176.6 | 16.5 | 148.3 | -1.7 |
| | Q4 | 134.0 | 7.3 | 157.8 | -4.3 | 136.0 | -11.0 |
| 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 |
| 2022 | (Jan.-Sep.) | 127.0 | 15.4 | 168.0 | 20.2 | 144.8 | 10.9 |
| 2023 | (Jan.-Sep.) | 134.6 | 5.9 | 155.9 | -7.2 | 131.1 | -9.5 |
| 2022 | Jan. | 125.2 | -4.8 | 160.3 | 10.8 | 159.5 | 23.2 |
| | Feb. | 110.9 | 2.9 | 156.1 | 17.8 | 125.4 | 15.1 |
| | Mar. | 125.5 | 54.4 | 167.6 | 29.7 | 124.9 | 23.3 |
| | Apr. | 131.2 | 36.5 | 173.9 | 38.5 | 141.5 | 23.9 |
| | May | 127.7 | 27.2 | 156.1 | 27.8 | 148.9 | 19.9 |
| | Jun. | 128.4 | 17.6 | 167.8 | 13.1 | 158.1 | 9.3 |
| | Jul. | 130.4 | 5.7 | 165.4 | 15.6 | 135.9 | 5.1 |
| | Aug. | 133.1 | 7.0 | 174.1 | 23.5 | 151.1 | -8.2 |
| | Sep. | 130.8 | 11.8 | 190.3 | 11.5 | 157.9 | -0.5 |
| | Oct. | 135.0 | 12.6 | 187.7 | 4.8 | 136.3 | -8.7 |
| | Nov. | 137.1 | 6.4 | 146.8 | -4.3 | 129.5 | -10.5 |
| | Dec. | 130.1 | 3.2 | 138.8 | -14.2 | 142.1 | -13.4 |
| 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 |

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 | |
| | | <i>Manufacture of fluid power equipment</i> | | <i>Manufacture of other pumps, compressors, taps and valves</i> | | <i>Manufacture of bearings, gears, gearing and driving elements</i> | |
| | | Kod/ Codes | 28120 | 28130 | | 28140 | |
| | | Wajaran/Weight 2015 | 0.00 | 0.14 | | 0.05 | |
| 2021 | | 137.6 | 2.0 | 127.9 | 5.9 | 69.7 | -18.7 |
| 2022 | | 145.4 | 5.7 | 114.4 | -10.5 | 62.3 | -10.6 |
| 2022 | Q1 | 142.2 | 5.3 | 117.1 | -4.8 | 59.1 | -31.4 |
| | Q2 | 144.4 | 5.7 | 119.4 | -8.6 | 64.6 | -16.5 |
| | Q3 | 146.5 | 6.4 | 108.5 | -11.5 | 62.3 | 7.1 |
| | Q4 | 148.6 | 5.3 | 112.7 | -16.7 | 63.3 | 10.4 |
| 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 |
| 2022 | (Jan.-Sep.) | 144.4 | 5.8 | 115.0 | -8.3 | 62.0 | -16.1 |
| 2023 | (Jan.-Sep.) | 150.7 | 4.4 | 106.1 | -7.7 | 51.0 | -17.7 |
| 2022 | Jan. | 141.6 | 4.2 | 116.4 | -9.4 | 59.9 | -27.0 |
| | Feb. | 142.3 | 5.9 | 110.6 | -14.5 | 67.0 | -36.4 |
| | Mar. | 142.8 | 5.9 | 124.2 | 11.5 | 50.4 | -29.0 |
| | Apr. | 143.8 | 5.8 | 115.2 | 0.3 | 66.7 | -7.8 |
| | May | 144.3 | 5.8 | 119.7 | -18.0 | 62.2 | -20.4 |
| | Jun. | 145.1 | 5.5 | 123.4 | -5.9 | 64.9 | -20.4 |
| | Jul. | 145.8 | 6.6 | 105.8 | -8.0 | 60.3 | -12.6 |
| | Aug. | 146.3 | 6.4 | 115.6 | -8.1 | 61.2 | 21.1 |
| | Sep. | 147.3 | 6.4 | 104.2 | -18.0 | 65.4 | 18.9 |
| | Oct. | 147.9 | 5.4 | 117.3 | -17.0 | 57.6 | -1.4 |
| | Nov. | 148.6 | 4.7 | 111.4 | -20.0 | 64.2 | 11.8 |
| | Dec. | 149.3 | 5.9 | 109.5 | -12.8 | 68.1 | 21.2 |
| 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 |

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 dilengkapi dengan motor elektrik atau bukan motor elektrik atau pneumatik | | Pembuatan mesin penyaman udara, termasuk untuk kenderaan bermotor | |
| | | <i>Manufacture of lifting and handling equipment</i> | | <i>Manufacture of power-driven hand tools with self-contained electric or non-electric motor or pneumatic drives</i> | | <i>Manufacture of air-conditioning machines, including for motor vehicles</i> | |
| Kod/ Codes | | 28160 | | 28180 | | 28192 | |
| Wajaran/Weight 2015 | | 0.08 | | 0.06 | | 0.66 | |
| 2021 | | 167.1 | 23.4 | 97.3 | -13.4 | 157.4 | 26.0 |
| 2022 | | 198.6 | 18.9 | 88.3 | -9.3 | 174.6 | 11.0 |
| 2022 | Q1 | 146.9 | -3.0 | 88.8 | -21.5 | 143.1 | 7.0 |
| | Q2 | 227.1 | 13.6 | 106.6 | 23.6 | 199.8 | 1.2 |
| | Q3 | 229.0 | 33.1 | 91.1 | -8.9 | 210.1 | 28.3 |
| | Q4 | 191.5 | 32.0 | 66.5 | -25.8 | 145.4 | 8.1 |
| 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 |
| 2022 | (Jan.-Sep.) | 201.0 | 15.2 | 95.5 | -4.3 | 184.4 | 11.7 |
| 2023 | (Jan.-Sep.) | 178.8 | -11.1 | 76.9 | -19.5 | 190.8 | 3.5 |
| 2022 | Jan. | 133.9 | 11.6 | 79.7 | -28.7 | 132.8 | 6.1 |
| | Feb. | 156.8 | -8.4 | 102.9 | -24.9 | 142.8 | 17.6 |
| | Mar. | 149.9 | -8.2 | 83.9 | -7.5 | 153.8 | -0.7 |
| | Apr. | 185.7 | 8.0 | 117.4 | 15.3 | 199.4 | 3.1 |
| | May | 240.9 | 3.4 | 102.8 | 33.9 | 168.1 | -2.0 |
| | Jun. | 254.8 | 30.8 | 99.7 | 24.2 | 232.0 | 2.1 |
| | Jul. | 233.6 | 22.4 | 109.8 | 9.1 | 217.4 | 33.1 |
| | Aug. | 224.0 | 33.8 | 93.4 | -17.7 | 232.9 | 28.1 |
| | Sep. | 229.4 | 45.4 | 70.2 | -18.6 | 180.0 | 23.3 |
| | Oct. | 188.8 | 29.2 | 77.6 | -20.2 | 131.1 | -3.4 |
| | Nov. | 187.7 | 34.6 | 59.7 | -31.1 | 159.7 | 17.4 |
| | Dec. | 198.1 | 32.4 | 62.1 | -26.8 | 145.5 | 10.4 |
| 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 |

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

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

| Tahun Year | Tempoh Period | Pembuatan jentera pembentukan logam dan alatan mesin | | Pembuatan lain-lain mesin bertujuan khas t.t.t.l. | | Pembuatan kereta penumpang | |
|---------------|--------------------|-----------------------------------------------------------------|----------------------------------------------------|--------------------------------------------------------------|----------------------------------------------------|--------------------------------------|----------------------------------------------------|
| | | 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 |
| | | <i>Manufacture of metal-forming machinery and machine tools</i> | | <i>Manufacture of other special-purpose machinery n.e.c.</i> | | <i>Manufacture of passenger cars</i> | |
| | | Kod/ Codes | 28220 | 28290 | | 29101 | |
| | | Wajaran/Weight 2015 | 0.33 | 0.26 | | 1.58 | |
| 2021 | | 107.6 | -5.5 | 138.6 | 10.7 | 98.6 | -1.3 |
| 2022 | | 108.6 | 0.9 | 132.1 | -4.7 | 136.8 | 38.7 |
| 2022 | Q1 | 108.7 | 10.9 | 130.1 | -6.1 | 126.7 | 5.0 |
| | Q2 | 106.2 | 3.9 | 132.9 | -10.6 | 155.9 | 54.9 |
| | Q3 | 103.0 | -11.5 | 132.7 | -3.3 | 123.2 | 215.0 |
| | Q4 | 116.5 | 2.4 | 132.6 | 2.0 | 141.5 | 5.5 |
| 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 |
| 2022 | (Jan.-Sep.) | 106.0 | 0.4 | 131.9 | -6.8 | 135.3 | 55.8 |
| 2023 | (Jan.-Sep.) | 106.8 | 0.8 | 135.6 | 2.8 | 144.0 | 6.5 |
| 2022 | Jan. | 111.6 | 16.9 | 124.0 | 6.6 | 127.9 | 7.9 |
| | Feb. | 107.5 | 12.2 | 137.3 | -17.4 | 121.4 | 13.7 |
| | Mar. | 107.1 | 4.1 | 129.1 | -3.2 | 130.9 | -4.2 |
| | Apr. | 103.7 | 2.7 | 128.2 | -10.3 | 169.5 | 1.5 |
| | May | 106.9 | 2.1 | 139.6 | -9.5 | 147.8 | 11.0 |
| | Jun. | 108.0 | 7.1 | 131.0 | -12.0 | 150.4 | 8367.3 |
| | Jul. | 101.6 | -8.6 | 129.7 | -8.6 | 110.2 | 1880.8 |
| | Aug. | 106.8 | -3.8 | 136.9 | -7.4 | 131.0 | 344.4 |
| | Sep. | 100.5 | -20.9 | 131.6 | 8.0 | 128.4 | 56.0 |
| | Oct. | 130.1 | 10.4 | 127.4 | -1.5 | 121.6 | -11.5 |
| | Nov. | 110.5 | -4.1 | 132.3 | 0.9 | 149.9 | 13.4 |
| | Dec. | 108.8 | 0.5 | 137.9 | 6.7 | 153.0 | 15.4 |
| 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 |

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 | |
| | | <i>Manufacture of parts and accessories for motor vehicles</i> | | <i>Building of ships and floating structures</i> | | <i>Manufacture of air and spacecraft and related machinery</i> | |
| | | Kod/ Codes | 29300 | 30110 | | 30300 | |
| | | Wajaran/Weight 2015 | 1.42 | 0.44 | | 0.28 | |
| 2021 | | 134.5 | 1.8 | 92.8 | 6.0 | 101.5 | -4.5 |
| 2022 | | 154.3 | 14.7 | 99.7 | 7.4 | 102.9 | 1.4 |
| 2022 | Q1 | 164.9 | 3.9 | 98.0 | 8.5 | 115.4 | -3.4 |
| | Q2 | 158.6 | 20.9 | 84.4 | 7.9 | 90.0 | 1.0 |
| | Q3 | 154.6 | 33.6 | 107.7 | 2.7 | 95.5 | 10.8 |
| | Q4 | 138.9 | 4.9 | 108.7 | 11.1 | 110.5 | -0.5 |
| 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 |
| 2022 | (Jan.-Sep.) | 159.4 | 17.9 | 96.7 | 6.1 | 100.3 | 2.1 |
| 2023 | (Jan.-Sep.) | 166.4 | 4.4 | 105.4 | 9.0 | 87.6 | -12.7 |
| 2022 | Jan. | 156.3 | 2.4 | 100.3 | 3.5 | 123.6 | 2.0 |
| | Feb. | 160.9 | 7.7 | 94.7 | 10.9 | 111.7 | -3.6 |
| | Mar. | 177.6 | 1.9 | 98.9 | 11.8 | 110.9 | -8.7 |
| | Apr. | 157.8 | 9.2 | 80.2 | 9.3 | 109.1 | 0.9 |
| | May | 152.9 | 16.9 | 83.9 | 8.3 | 82.4 | 4.5 |
| | Jun. | 165.1 | 39.8 | 89.1 | 6.4 | 78.6 | -2.2 |
| | Jul. | 161.0 | 36.3 | 78.2 | 14.0 | 68.9 | 5.2 |
| | Aug. | 165.0 | 39.5 | 115.4 | -2.5 | 103.5 | 9.2 |
| | Sep. | 137.9 | 24.5 | 129.6 | 1.4 | 114.0 | 16.2 |
| | Oct. | 132.0 | 1.5 | 105.4 | 25.0 | 89.7 | 0.6 |
| | Nov. | 141.9 | 5.7 | 113.8 | 4.4 | 131.9 | 3.8 |
| | Dec. | 142.8 | 7.4 | 107.0 | 6.7 | 110.0 | -6.1 |
| 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 |

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 | |
| | | <i>Manufacture of motorcycles</i> | | <i>Manufacture of wooden and cane furniture</i> | | <i>Repair and maintenance of transport equipment except motorcycles and bicycles</i> | |
| | | Kod/ Codes | 30910 | 31001 | | 33150 | |
| | | Wajaran/Weight 2015 | 0.26 | 0.72 | | 0.24 | |
| 2021 | | 82.8 | -2.6 | 117.0 | -2.0 | 147.0 | -8.8 |
| 2022 | | 97.1 | 17.3 | 124.0 | 6.0 | 161.6 | 10.0 |
| 2022 | Q1 | 97.9 | -2.6 | 138.7 | 4.0 | 153.5 | -8.2 |
| | Q2 | 88.6 | 21.0 | 118.5 | 8.3 | 160.5 | 11.1 |
| | Q3 | 96.1 | 60.8 | 110.5 | 22.4 | 166.9 | 24.7 |
| | Q4 | 105.9 | 8.5 | 128.2 | -5.0 | 165.5 | 16.2 |
| 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 |
| 2022 | (Jan.-Sep.) | 94.2 | 21.0 | 122.6 | 10.4 | 160.3 | 8.0 |
| 2023 | (Jan.-Sep.) | 105.6 | 12.1 | 111.3 | -9.2 | 187.4 | 16.9 |
| 2022 | Jan. | 101.4 | -0.3 | 140.8 | 5.9 | 150.7 | -13.8 |
| | Feb. | 91.0 | -0.5 | 132.0 | -0.9 | 144.7 | -9.4 |
| | Mar. | 101.2 | -6.6 | 143.3 | 6.9 | 165.1 | -1.0 |
| | Apr. | 90.5 | 3.0 | 124.0 | 10.0 | 167.5 | 4.9 |
| | May | 87.4 | 14.2 | 115.5 | 7.2 | 149.6 | 0.6 |
| | Jun. | 87.7 | 59.1 | 116.0 | 7.6 | 164.5 | 31.4 |
| | Jul. | 80.3 | 81.8 | 111.3 | 35.1 | 166.6 | 31.1 |
| | Aug. | 97.6 | 64.0 | 107.0 | 26.4 | 163.0 | 20.8 |
| | Sep. | 110.4 | 45.9 | 113.3 | 9.1 | 171.1 | 22.7 |
| | Oct. | 101.9 | 12.4 | 117.5 | -7.5 | 170.6 | 29.0 |
| | Nov. | 108.8 | 7.7 | 135.3 | -2.7 | 183.0 | 11.6 |
| | Dec. | 107.1 | 5.7 | 132.0 | -5.0 | 142.9 | 9.0 |
| 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 |

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

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

| Tahun Year | Tempoh Period | Pembuatan minyak dan lemak daripada sayuran dan haiwan | | Pembuatan produk tenusu | | Pembuatan produk bijian, kanji dan produk berkanji | |
|---------------|------------------|--------------------------------------------------------------|-----------------------------------------------------------|--------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------|
| | | 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 |
| | | <i>Manufacture of vegetable and animal oils and fats</i> | | <i>Manufacture of dairy products</i> | | <i>Manufacture of grain mill products, starches and starch products</i> | |
| | | Kod/Codes | 104 | 105 | | 106 | |
| | | Wajaran/Weight 2015 | 3.71 | 0.47 | | 0.23 | |
| 2021 | | 99.1 | -8.4 | 142.2 | 6.8 | 136.5 | 12.3 |
| 2022 | | 97.3 | -1.8 | 153.9 | 8.3 | 149.6 | 9.6 |
| 2022 | Q1 | 83.1 | 0.4 | 135.4 | 4.9 | 138.0 | 4.3 |
| | Q2 | 90.8 | -9.2 | 162.5 | 9.5 | 143.6 | 7.4 |
| | Q3 | 106.7 | -0.1 | 173.3 | 11.5 | 164.8 | 20.9 |
| | Q4 | 108.5 | 1.8 | 144.4 | 6.3 | 152.0 | 5.7 |
| 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 |
| 2022 | (Jan.-Sep.) | 93.5 | -3.1 | 157.1 | 8.9 | 148.8 | 11.0 |
| 2023 | (Jan.-Sep.) | 97.4 | 4.2 | 156.1 | -0.6 | 152.3 | 2.3 |
| 2022 | Jan. | 85.9 | 0.3 | 151.7 | 3.6 | 135.7 | 5.5 |
| | Feb. | 75.3 | 7.6 | 112.4 | -1.7 | 136.2 | 8.4 |
| | Mar. | 88.1 | -4.9 | 142.1 | 12.4 | 142.2 | -0.3 |
| | Apr. | 87.9 | -7.8 | 171.0 | 10.2 | 149.4 | -3.2 |
| | May | 87.4 | -6.7 | 165.7 | 16.1 | 135.8 | 13.3 |
| | Jun. | 97.0 | -12.5 | 151.0 | 2.6 | 145.8 | 14.9 |
| | Jul. | 98.6 | -2.3 | 153.8 | 10.5 | 137.0 | 23.2 |
| | Aug. | 106.6 | 5.0 | 184.8 | 14.4 | 172.8 | 23.6 |
| | Sep. | 115.0 | -2.7 | 181.2 | 9.6 | 184.6 | 16.9 |
| | Oct. | 117.9 | -1.4 | 158.8 | 29.0 | 149.3 | 1.7 |
| | Nov. | 107.2 | 0.6 | 147.8 | 10.7 | 154.6 | 13.6 |
| | Dec. | 100.5 | 7.1 | 126.6 | -16.1 | 152.1 | 2.4 |
| 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 |

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

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

| Tahun Year | Tempoh Period | Pembuatan produk makanan lain | | Pembuatan minuman ringan | | Pembuatan produk tembakau | |
|---------------------|------------------|-------------------------------------------|----------------------------------------------------|---------------------------------|----------------------------------------------------|----------------------------------------|----------------------------------------------------|
| | | 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 |
| | | <i>Manufacture of other food products</i> | | <i>Manufacture of beverages</i> | | <i>Manufacture of tobacco products</i> | |
| Kod/Codes | | 107 | | 110 | | 120 | |
| Wajaran/Weight 2015 | | 1.85 | | 0.65 | | 0.52 | |
| 2021 | | 137.8 | 6.6 | 119.4 | 9.9 | 83.6 | -12.4 |
| 2022 | | 144.9 | 5.1 | 135.3 | 13.3 | 102.2 | 22.1 |
| 2022 | Q1 | 140.5 | 5.9 | 125.1 | 7.6 | 127.6 | 4.1 |
| | Q2 | 144.7 | 5.7 | 137.7 | 22.5 | 104.2 | 49.8 |
| | Q3 | 152.7 | 6.9 | 137.6 | 23.2 | 71.4 | 234.5 |
| | Q4 | 141.8 | 2.1 | 140.7 | 2.4 | 105.4 | -13.0 |
| 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 |
| 2022 | (Jan.-Sep.) | 146.0 | 6.2 | 133.4 | 17.6 | 101.1 | 42.1 |
| 2023 | (Jan.-Sep.) | 151.2 | 3.6 | 134.1 | 0.5 | 118.0 | 16.7 |
| 2022 | Jan. | 145.1 | 11.0 | 129.4 | 7.7 | 123.7 | 1.3 |
| | Feb. | 136.3 | 1.3 | 121.0 | 8.1 | 137.1 | 9.2 |
| | Mar. | 140.2 | 5.4 | 125.0 | 7.1 | 122.2 | 1.7 |
| | Apr. | 145.7 | 5.6 | 150.6 | 10.7 | 118.6 | 11.8 |
| | May | 141.0 | 4.2 | 129.6 | 9.9 | 104.0 | 4.6 |
| | Jun. | 147.3 | 7.3 | 132.7 | 60.0 | 90.0 | 2765.0 |
| | Jul. | 151.0 | 6.3 | 132.8 | 50.9 | 67.8 | 2699.2 |
| | Aug. | 153.2 | 8.0 | 137.8 | 14.9 | 69.5 | 2813.6 |
| | Sep. | 153.9 | 6.4 | 142.1 | 11.8 | 77.0 | 30.0 |
| | Oct. | 143.6 | 3.0 | 138.7 | 1.1 | 85.1 | -28.1 |
| | Nov. | 140.6 | 1.4 | 140.1 | 5.4 | 119.9 | 1.6 |
| | Dec. | 141.2 | 1.8 | 143.4 | 0.7 | 111.1 | -12.4 |
| 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 |

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

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

| Tahun Year | Tempoh Period | % Perubahan tahun ke tahun/ change year-on-year | | % Perubahan tahun ke tahun/ change year-on-year | | % Perubahan tahun ke tahun/ change year-on-year | |
|---------------------|------------------|----------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|---------------|----------------------------------------------------|---------------|
| | | Indeks/ Index | Indeks/ Index | Indeks/ Index | Indeks/ Index | Indeks/ Index | Indeks/ Index |
| | | Pemintalan, penenunan dan penyiapan tekstil | Pembuatan pakaian, kecuali pakaian berbulu | Penyamakan dan pembersihan kulit, pembuatan begasi, beg tangan, pelana dan abah-abah pembersihan dan pewarnaan bulu | | | |
| | | <i>Spinning, weaving and finishing of textiles</i> | <i>Manufacture of wearing apparel, except fur apparel</i> | <i>Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur</i> | | | |
| Kod/Codes | | 131 | 141 | 151 | | | |
| Wajaran/Weight 2015 | | 0.40 | 0.58 | 0.06 | | | |
| 2021 | | 114.0 | 17.6 | 121.6 | 1.4 | 143.6 | 20.2 |
| 2022 | | 119.9 | 5.1 | 123.8 | 1.8 | 191.5 | 33.3 |
| 2022 | Q1 | 128.4 | 5.6 | 137.6 | 4.1 | 199.3 | 8.3 |
| | Q2 | 110.1 | 2.1 | 99.0 | 6.3 | 211.9 | 27.7 |
| | Q3 | 119.4 | 10.2 | 110.4 | 3.3 | 188.0 | 151.2 |
| | Q4 | 121.6 | 2.8 | 148.1 | -3.9 | 167.0 | 11.5 |
| 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 |
| 2022 | (Jan.-Sep.) | 119.3 | 6.0 | 115.7 | 4.5 | 199.7 | 41.1 |
| 2023 | (Jan.-Sep.) | 107.5 | -9.9 | 121.8 | 5.3 | 214.2 | 7.2 |
| 2022 | Jan. | 124.5 | 9.1 | 137.1 | 2.6 | 195.6 | 5.5 |
| | Feb. | 126.5 | 3.8 | 132.6 | 3.3 | 189.3 | 10.1 |
| | Mar. | 134.3 | 4.1 | 143.0 | 6.5 | 213.1 | 9.3 |
| | Apr. | 103.9 | 0.0 | 108.3 | 6.8 | 205.1 | 1.0 |
| | May | 107.3 | 1.5 | 93.9 | 5.4 | 229.1 | 11.9 |
| | Jun. | 119.1 | 4.8 | 94.8 | 6.6 | 201.5 | 124.3 |
| | Jul. | 111.8 | 15.8 | 98.9 | 9.3 | 172.4 | 180.9 |
| | Aug. | 113.6 | 11.8 | 109.8 | 2.0 | 199.7 | 170.7 |
| | Sep. | 132.7 | 4.7 | 122.5 | -0.1 | 191.8 | 114.7 |
| | Oct. | 120.5 | 6.8 | 136.0 | -8.6 | 137.2 | 19.2 |
| | Nov. | 132.8 | 3.9 | 155.6 | -0.1 | 181.3 | 20.6 |
| | Dec. | 111.4 | -2.5 | 152.7 | -3.3 | 182.4 | -0.8 |
| 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 |

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

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

| Tahun Year | Tempoh Period | Pembuatan kasut | | Pengilangan dan pengetaman kayu | | Pembuatan produk daripada kayu, gabus, jerami dan bahan jalinan lain | |
|---------------------|------------------|--------------------------------|-----------------------------------------------------------|----------------------------------------|-----------------------------------------------------------|--------------------------------------------------------------------------------|-----------------------------------------------------------|
| | | 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 |
| | | <i>Manufacture of footwear</i> | | <i>Sawmilling and planning of wood</i> | | <i>Manufacture of products of wood, cork, straw and plaiting materials</i> | |
| Kod/Codes | | 152 | | 161 | | 162 | |
| Wajaran/Weight 2015 | | 0.09 | | 0.35 | | 1.09 | |
| 2021 | | 96.0 | 3.8 | 124.5 | 13.6 | 110.2 | 7.7 |
| 2022 | | 113.0 | 17.7 | 134.6 | 8.1 | 117.0 | 6.2 |
| 2022 | Q1 | 104.9 | -4.2 | 138.8 | 9.0 | 127.6 | 9.4 |
| | Q2 | 110.6 | 14.4 | 114.5 | 25.7 | 119.0 | 7.8 |
| | Q3 | 111.3 | 42.8 | 142.0 | 5.6 | 107.7 | 25.4 |
| | Q4 | 125.1 | 25.4 | 143.0 | -1.3 | 113.7 | -11.0 |
| 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 |
| 2022 | (Jan.-Sep.) | 109.0 | 15.0 | 131.8 | 12.0 | 118.1 | 13.2 |
| 2023 | (Jan.-Sep.) | 117.3 | 7.7 | 126.4 | -4.1 | 110.8 | -6.2 |
| 2022 | Jan. | 105.2 | -2.5 | 133.7 | 11.3 | 131.0 | 11.3 |
| | Feb. | 101.6 | -2.6 | 142.9 | 5.5 | 123.5 | 7.2 |
| | Mar. | 108.0 | -7.3 | 139.7 | 10.7 | 128.3 | 9.7 |
| | Apr. | 111.7 | -0.4 | 106.7 | 15.2 | 121.2 | 5.9 |
| | May | 110.2 | 3.6 | 114.6 | 33.1 | 118.9 | 3.8 |
| | Jun. | 110.0 | 53.7 | 122.2 | 29.3 | 116.8 | 14.3 |
| | Jul. | 113.2 | 59.8 | 117.9 | 43.2 | 111.2 | 42.1 |
| | Aug. | 108.5 | 39.3 | 162.5 | 1.5 | 97.4 | 20.5 |
| | Sep. | 112.3 | 31.9 | 145.5 | -9.6 | 114.7 | 16.1 |
| | Oct. | 119.9 | 23.0 | 138.9 | 1.7 | 116.5 | -0.5 |
| | Nov. | 125.6 | 24.1 | 145.7 | -8.0 | 112.8 | -13.1 |
| | Dec. | 129.7 | 28.9 | 144.5 | 3.3 | 111.7 | -18.1 |
| 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 |

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

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

| Tahun <i>Year</i> | Tempoh <i>Period</i> | Pembuatan kertas dan produk kertas | | Percetakan dan aktiviti perkhidmatan berkaitan percetakan | | Pembuatan produk petroleum bertapis | |
|----------------------------|-------------------------|------------------------------------------------|------------------------------------------------------------|-----------------------------------------------------------|------|-------------------------------------|-------|
| | | <i>Manufacture of paper and paper products</i> | <i>Printing and service activities related to printing</i> | <i>Manufacture of refined petroleum products</i> | | | |
| Kod/Codes | | 170 | | 181 | | 192 | |
| Wajaran/Weight 2015 | | 1.15 | | 0.92 | | 9.36 | |
| 2021 | | 133.8 | 14.9 | 116.6 | 3.1 | 112.9 | 11.6 |
| 2022 | | 143.9 | 7.5 | 124.6 | 6.9 | 120.0 | 6.3 |
| 2022 | Q1 | 142.0 | 8.6 | 121.8 | 1.9 | 118.6 | 4.3 |
| | Q2 | 132.5 | 8.7 | 119.8 | 11.8 | 110.7 | 4.5 |
| | Q3 | 149.4 | 11.9 | 118.7 | 8.6 | 128.4 | 11.1 |
| | Q4 | 151.5 | 1.7 | 138.3 | 5.9 | 122.3 | 5.1 |
| 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 |
| 2022 | (Jan.-Sep.) | 141.3 | 9.8 | 120.1 | 7.2 | 119.2 | 6.7 |
| 2023 | (Jan.-Sep.) | 145.9 | 3.3 | 127.8 | 6.4 | 118.1 | -1.0 |
| 2022 | Jan. | 149.2 | 14.6 | 127.7 | 1.5 | 111.8 | 2.0 |
| | Feb. | 138.8 | 6.2 | 120.9 | 1.0 | 114.1 | -1.4 |
| | Mar. | 138.1 | 4.9 | 116.7 | 3.5 | 129.9 | 12.3 |
| | Apr. | 132.3 | 8.0 | 126.4 | 8.5 | 92.4 | -1.0 |
| | May | 122.6 | 7.4 | 120.3 | 8.6 | 109.1 | 2.0 |
| | Jun. | 142.6 | 10.5 | 112.6 | 19.6 | 130.5 | 11.0 |
| | Jul. | 139.9 | 14.0 | 108.9 | 10.3 | 129.6 | 5.7 |
| | Aug. | 145.6 | 12.2 | 119.9 | 8.4 | 131.2 | 12.8 |
| | Sep. | 162.6 | 9.9 | 127.4 | 7.3 | 124.5 | 15.4 |
| | Oct. | 143.4 | 2.5 | 126.5 | 5.4 | 127.1 | 10.6 |
| | Nov. | 155.2 | 0.3 | 136.9 | 8.8 | 123.2 | 1.6 |
| | Dec. | 156.0 | 2.4 | 151.6 | 3.8 | 116.7 | 3.4 |
| 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 |

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

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

| Tahun Year | Tempoh Period | 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 | |
|---------------------|------------------|--------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------|----------------------------------------------------|------------------------------------------------------------|----------------------------------------------------|
| | | 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 |
| Kod/Codes | | 201 | | 202 | | 210 | |
| Wajaran/Weight 2015 | | 4.96 | | 1.38 | | 0.38 | |
| 2021 | | 121.4 | 10.4 | 113.2 | 5.6 | 159.9 | 15.7 |
| 2022 | | 128.3 | 5.7 | 110.8 | -2.1 | 169.7 | 6.1 |
| 2022 | Q1 | 129.6 | 3.9 | 112.2 | 5.3 | 156.2 | 9.9 |
| | Q2 | 123.7 | 9.2 | 107.6 | -3.5 | 162.7 | 4.9 |
| | Q3 | 128.0 | 6.6 | 112.9 | -4.1 | 185.6 | 7.0 |
| | Q4 | 131.9 | 3.6 | 110.6 | -5.5 | 174.3 | 3.0 |
| 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 |
| 2022 | (Jan.-Sep.) | 127.1 | 6.5 | 110.9 | -0.9 | 168.2 | 7.2 |
| 2023 | (Jan.-Sep.) | 134.2 | 5.6 | 112.8 | 1.7 | 168.2 | 0.0 |
| 2022 | Jan. | 125.9 | 6.8 | 114.8 | 7.8 | 150.8 | 20.0 |
| | Feb. | 131.2 | 5.4 | 106.7 | 0.9 | 155.2 | 5.4 |
| | Mar. | 131.6 | -0.3 | 115.1 | 7.2 | 162.7 | 6.0 |
| | Apr. | 119.2 | 13.0 | 108.2 | -0.7 | 159.9 | 6.7 |
| | May | 114.1 | 11.1 | 105.0 | -2.0 | 154.9 | 3.7 |
| | Jun. | 137.8 | 4.6 | 109.6 | -7.5 | 173.4 | 4.4 |
| | Jul. | 123.2 | 5.5 | 107.0 | -1.8 | 180.8 | 9.5 |
| | Aug. | 132.5 | 7.6 | 112.3 | -6.2 | 184.9 | 8.6 |
| | Sep. | 128.2 | 6.6 | 119.3 | -4.2 | 191.1 | 3.4 |
| | Oct. | 129.1 | 2.0 | 111.4 | -6.8 | 181.9 | 2.4 |
| | Nov. | 129.0 | 7.0 | 109.5 | -3.3 | 165.0 | 1.8 |
| | Dec. | 137.8 | 2.0 | 110.8 | -6.1 | 175.9 | 4.9 |
| 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 |

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

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

| Tahun Year | Tempoh Period | Pembuatan produk getah | | Pembuatan produk plastik | | Pembuatan kaca dan produk kaca | |
|---------------------|------------------|---------------------------------------|----------------------------------------------------|-----------------------------------------|----------------------------------------------------|------------------------------------------------|----------------------------------------------------|
| | | 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 |
| | | <i>Manufacture of rubber products</i> | | <i>Manufacture of plastics products</i> | | <i>Manufacture of glass and glass products</i> | |
| Kod/Codes | | 221 | | 222 | | 231 | |
| Wajaran/Weight 2015 | | 2.22 | | 2.26 | | 0.38 | |
| 2021 | | 227.2 | 23.2 | 130.6 | 12.1 | 103.0 | -14.8 |
| 2022 | | 188.8 | -16.9 | 134.2 | 2.8 | 111.1 | 7.8 |
| 2022 | Q1 | 187.7 | -21.9 | 129.5 | 5.4 | 111.8 | 14.0 |
| | Q2 | 204.7 | -22.0 | 128.0 | 4.5 | 103.1 | 21.5 |
| | Q3 | 190.3 | -12.5 | 145.7 | 5.5 | 113.2 | 10.4 |
| | Q4 | 172.6 | -8.5 | 133.7 | -3.9 | 116.3 | -8.2 |
| 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 |
| 2022 | (Jan.-Sep.) | 194.2 | -19.1 | 134.4 | 5.2 | 109.4 | 14.9 |
| 2023 | (Jan.-Sep.) | 177.4 | -8.7 | 128.5 | -4.4 | 105.1 | -3.9 |
| 2022 | Jan. | 184.0 | -19.7 | 133.4 | 7.1 | 110.1 | 8.3 |
| | Feb. | 169.8 | -20.6 | 131.8 | 5.0 | 104.6 | 15.1 |
| | Mar. | 209.1 | -24.7 | 123.4 | 4.1 | 120.7 | 18.8 |
| | Apr. | 217.6 | -19.2 | 120.7 | 8.6 | 104.9 | 14.4 |
| | May | 193.2 | -23.0 | 116.2 | 2.4 | 101.3 | 19.0 |
| | Jun. | 203.2 | -23.9 | 147.1 | 3.1 | 103.2 | 32.8 |
| | Jul. | 195.9 | -17.5 | 147.6 | 6.2 | 112.4 | 31.2 |
| | Aug. | 194.5 | -10.6 | 145.9 | 5.6 | 114.8 | 4.9 |
| | Sep. | 180.5 | -8.6 | 143.5 | 4.9 | 112.3 | -0.2 |
| | Oct. | 180.2 | -8.4 | 135.7 | 1.4 | 121.9 | -6.5 |
| | Nov. | 161.8 | -9.0 | 138.8 | -3.2 | 113.6 | -9.8 |
| | Dec. | 175.7 | -8.1 | 126.6 | -9.7 | 113.2 | -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 |

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

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

| Tahun Year | Tempoh Period | Pembuatan pengeluaran galian bukan logam t.t.t.l. | | Pembuatan besi dan keluli asas | | Pembuatan logam asas berharga dan logam bukan ferus lain | |
|---------------------|--------------------|----------------------------------------------------------------|-----------------------------------------------------------|--------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------------------|-----------------------------------------------------------|
| | | 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 |
| | | <i>Manufacture of non-metallic mineral products n.e.c.</i> | | <i>Manufacture of basic iron and steel</i> | | <i>Manufacture of basic precious and other non-ferrous metals</i> | |
| Kod/Codes | | 239 | | 241 | | 242 | |
| Wajaran/Weight 2015 | | 2.60 | | 1.47 | | 0.71 | |
| 2021 | | 104.3 | 3.8 | 114.5 | 1.0 | 112.7 | 5.8 |
| 2022 | | 114.1 | 9.3 | 122.2 | 6.8 | 121.0 | 7.3 |
| 2022 | Q1 | 126.2 | 5.1 | 121.8 | 5.9 | 127.7 | 9.8 |
| | Q2 | 98.0 | 12.7 | 114.0 | 10.1 | 117.3 | 12.5 |
| | Q3 | 103.4 | 20.4 | 122.5 | 9.4 | 117.1 | 14.9 |
| | Q4 | 128.6 | 3.4 | 130.5 | 2.5 | 121.7 | -5.2 |
| 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 |
| 2022 | (Jan.-Sep.) | 109.2 | 11.8 | 119.5 | 8.4 | 120.7 | 12.3 |
| 2023 | (Jan.-Sep.) | 114.6 | 4.9 | 125.6 | 5.1 | 119.7 | -0.9 |
| 2022 | Jan. | 132.9 | 5.1 | 124.2 | 7.3 | 129.5 | 5.4 |
| | Feb. | 122.1 | 5.0 | 116.3 | 2.4 | 128.4 | 9.8 |
| | Mar. | 123.5 | 5.0 | 125.0 | 8.0 | 125.2 | 14.8 |
| | Apr. | 111.6 | 6.7 | 122.6 | 5.6 | 118.8 | 6.7 |
| | May | 90.2 | 4.3 | 110.9 | 6.3 | 117.0 | 10.2 |
| | Jun. | 92.2 | 32.1 | 108.6 | 20.2 | 115.9 | 21.8 |
| | Jul. | 91.3 | 35.4 | 110.4 | 21.7 | 112.3 | 30.4 |
| | Aug. | 108.5 | 18.7 | 126.9 | 9.0 | 120.2 | 17.7 |
| | Sep. | 110.4 | 11.8 | 130.1 | 1.1 | 119.0 | 1.0 |
| | Oct. | 123.7 | 5.1 | 131.1 | 6.3 | 122.4 | -7.0 |
| | Nov. | 127.1 | 1.6 | 133.9 | 3.0 | 123.1 | -1.3 |
| | Dec. | 135.1 | 3.7 | 126.5 | -1.7 | 119.7 | -7.1 |
| 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 |

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

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

| Tahun Year | Tempoh Period | 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 | |
|---------------|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------------------------------------------------------------------------|-----------------------------------------------------------|------------------------------------------------------------|-----------------------------------------------------------|
| | | 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 |
| | | <i>Manufacture of structural metal products, tanks, reservoirs and steam generators; Manufacture of weapons and ammunition</i> | | <i>Manufacture of other fabricated metal products; metal working service activities</i> | | <i>Manufacture of electronic components and boards</i> | |
| | Kod/Codes | 251 & 252 | | 259 | 261 | | |
| | Wajaran/Weight 2015 | 1.39 | | 2.40 | 7.68 | | |
| 2021 | | 115.7 | 4.5 | 103.0 | 7.5 | 167.0 | 16.6 |
| 2022 | | 54.8 | -52.7 | 109.7 | 6.4 | 198.8 | 19.0 |
| 2022 | Q1 | 79.9 | -35.5 | 113.8 | 3.5 | 168.2 | 20.0 |
| | Q2 | 42.5 | -57.5 | 102.4 | 7.4 | 199.9 | 18.9 |
| | Q3 | 43.9 | -57.7 | 106.1 | 12.6 | 209.5 | 23.0 |
| | Q4 | 52.8 | -61.0 | 116.4 | 3.3 | 217.5 | 14.7 |
| 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 | 118.3 | 11.4 | 189.6 | -9.5 |
| 2022 | (Jan.-Sep.) | 55.4 | -49.3 | 107.5 | 7.6 | 192.5 | 20.7 |
| 2023 | (Jan.-Sep.) | 49.7 | -10.3 | 111.8 | 4.1 | 184.2 | -4.3 |
| 2022 | Jan. | 145.6 | 13.1 | 129.2 | 2.9 | 174.5 | 19.0 |
| | Feb. | 45.4 | -62.7 | 104.4 | 9.3 | 151.2 | 17.4 |
| | Mar. | 48.7 | -59.7 | 107.9 | -0.7 | 178.9 | 23.4 |
| | Apr. | 42.4 | -59.5 | 101.6 | -0.5 | 177.5 | 14.7 |
| | May | 41.8 | -59.6 | 101.7 | 0.8 | 186.0 | 18.5 |
| | Jun. | 43.2 | -53.0 | 104.0 | 25.1 | 236.2 | 22.7 |
| | Jul. | 41.6 | -56.9 | 97.0 | 21.4 | 201.2 | 23.0 |
| | Aug. | 44.0 | -56.2 | 101.6 | 11.1 | 210.1 | 23.3 |
| | Sep. | 46.1 | -59.8 | 119.8 | 7.7 | 217.2 | 22.8 |
| | Oct. | 48.9 | -63.6 | 122.9 | 8.0 | 218.1 | 16.3 |
| | Nov. | 52.7 | -62.9 | 117.0 | 3.7 | 222.5 | 17.1 |
| | Dec. | 56.8 | -56.2 | 109.2 | -1.9 | 211.8 | 10.7 |
| 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 | 136.7 | 14.1 | 194.5 | -10.5 |

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

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

| Tahun <i>Year</i> | Tempoh <i>Period</i> | Pembuatan komputer dan kelengkapan peranti | | Pembuatan peralatan komunikasi | | Pembuatan peralatan elektronik pengguna | |
|----------------------------|-------------------------|----------------------------------------------------------|-----------------------------------------------|--------------------------------------------|-------|-----------------------------------------|-------|
| | | <i>Manufacture of computers and peripheral equipment</i> | <i>Manufacture of communication equipment</i> | <i>Manufacture of consumer electronics</i> | | | |
| <i>Kod/Codes</i> | | 262 | | 263 | | 264 | |
| <i>Wajaran/Weight 2015</i> | | 1.82 | | 0.91 | | 2.43 | |
| 2021 | | 118.6 | 13.9 | 97.2 | -12.6 | 155.9 | 24.3 |
| 2022 | | 125.4 | 5.7 | 95.4 | -1.9 | 183.0 | 17.4 |
| 2022 | Q1 | 115.5 | 9.9 | 98.2 | -8.6 | 169.3 | 22.1 |
| | Q2 | 135.2 | 9.4 | 88.6 | 9.1 | 157.2 | 30.7 |
| | Q3 | 138.2 | 10.2 | 97.6 | 1.1 | 202.4 | 14.2 |
| | Q4 | 112.8 | -6.4 | 97.2 | -6.2 | 203.0 | 8.3 |
| 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 |
| 2022 | (Jan.-Sep.) | 129.6 | 9.8 | 94.8 | -0.3 | 176.3 | 21.3 |
| 2023 | (Jan.-Sep.) | 129.6 | 0.0 | 113.4 | 19.6 | 189.0 | 7.2 |
| 2022 | Jan. | 119.9 | 13.6 | 107.9 | -16.2 | 207.0 | 20.8 |
| | Feb. | 105.6 | 10.2 | 95.1 | -12.9 | 146.9 | 16.3 |
| | Mar. | 121.0 | 6.3 | 91.7 | 8.5 | 153.9 | 30.4 |
| | Apr. | 134.1 | 12.1 | 83.4 | 14.3 | 149.9 | 35.0 |
| | May | 115.0 | 6.0 | 90.4 | 16.2 | 152.8 | 35.7 |
| | Jun. | 156.4 | 9.8 | 92.1 | -0.8 | 168.8 | 23.2 |
| | Jul. | 142.9 | 8.9 | 97.7 | -9.3 | 168.0 | 18.5 |
| | Aug. | 143.5 | 11.8 | 101.2 | 20.8 | 204.1 | 20.9 |
| | Sep. | 128.1 | 9.8 | 93.8 | -4.3 | 235.1 | 6.2 |
| | Oct. | 124.6 | -7.4 | 97.4 | -11.0 | 199.6 | 5.1 |
| | Nov. | 108.6 | -2.6 | 87.5 | -13.8 | 208.7 | 15.9 |
| | Dec. | 105.1 | -9.0 | 106.6 | 6.6 | 200.9 | 4.2 |
| 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 |

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

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

| Tahun Year | Tempoh Period | % Perubahan tahun ke tahun/ change year-on-year | | % Perubahan tahun ke tahun/ change year-on-year | | % Perubahan tahun ke tahun/ change year-on-year | |
|---------------------|------------------|------------------------------------------------------------------------------------------------|---------------|------------------------------------------------------------------------------------|---------------|----------------------------------------------------------------------|---------------|
| | | Indeks/ Index | Indeks/ Index | Indeks/ Index | Indeks/ Index | Indeks/ Index | Indeks/ Index |
| | | Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan; jam tangan dan jam | | Pembuatan peralatan penyinaran, perubahan elektro dan elektroterapeutik | | Pembuatan instrumen optikal dan kelengkapan fotografi | |
| | | <i>Manufacture of measuring, testing, navigating and control equipment; watches and clocks</i> | | <i>Manufacture of irradiation, electromedical and electrotherapeutic equipment</i> | | <i>Manufacture of optical instruments and photographic equipment</i> | |
| Kod/Codes | | 265 | | 266 | | 267 | |
| Wajaran/Weight 2015 | | 0.55 | | 0.40 | | 0.09 | |
| 2021 | | 131.6 | 12.2 | 132.6 | 9.2 | 84.6 | -5.3 |
| 2022 | | 151.7 | 15.3 | 144.8 | 9.2 | 74.4 | -12.1 |
| 2022 | Q1 | 128.2 | 6.0 | 130.4 | 5.3 | 77.4 | -7.1 |
| | Q2 | 143.5 | 14.7 | 135.0 | -3.4 | 78.4 | -3.6 |
| | Q3 | 163.1 | 21.7 | 160.5 | 21.3 | 78.0 | -16.2 |
| | Q4 | 171.9 | 17.6 | 153.2 | 14.0 | 63.7 | -21.0 |
| 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 |
| 2022 | (Jan.-Sep.) | 144.9 | 14.4 | 142.0 | 7.6 | 78.0 | -9.3 |
| 2023 | (Jan.-Sep.) | 160.2 | 10.5 | 146.9 | 3.5 | 71.1 | -8.8 |
| 2022 | Jan. | 130.6 | 23.2 | 127.9 | 11.0 | 76.1 | -18.7 |
| | Feb. | 124.6 | 3.5 | 128.8 | 8.1 | 76.2 | -11.5 |
| | Mar. | 129.5 | 6.7 | 134.6 | -1.8 | 80.0 | 13.7 |
| | Apr. | 128.4 | 17.1 | 117.8 | -11.0 | 79.2 | 2.2 |
| | May | 137.9 | 17.2 | 126.0 | -3.6 | 80.7 | -1.3 |
| | Jun. | 164.3 | 11.0 | 161.2 | 3.1 | 75.3 | -9.0 |
| | Jul. | 149.2 | 12.6 | 156.9 | 14.6 | 77.8 | -13.0 |
| | Aug. | 170.9 | 30.2 | 164.2 | 22.4 | 81.9 | -20.5 |
| | Sep. | 169.1 | 22.4 | 160.4 | 27.5 | 74.4 | -14.4 |
| | Oct. | 157.1 | 14.3 | 162.1 | 12.3 | 69.8 | -15.6 |
| | Nov. | 178.2 | 19.9 | 158.7 | 25.7 | 59.6 | -20.1 |
| | Dec. | 180.3 | 18.3 | 138.7 | 4.7 | 61.8 | -27.0 |
| 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 |

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

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

| Tahun Year | Tempoh Period | Pembuatan motor elektrik, penjana, transformer dan perkakasan pengagihan dan pengawalan elektrik | | Pembuatan pendawaian dan peranti pendawaian | | Pembuatan perkakasan domestik | |
|---------------|----------------------------|--------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------|-----------------------------------------------------------|
| | | 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 |
| | | <i>Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus</i> | | <i>Manufacture of wiring and wiring devices</i> | | <i>Manufacture of domestic appliances</i> | |
| | Kod/Codes | 271 | | 273 | | 275 | |
| | Wajaran/Weight 2015 | 0.65 | | 0.50 | | 0.47 | |
| 2021 | | 118.6 | 5.3 | 143.2 | 11.7 | 136.1 | 7.0 |
| 2022 | | 119.9 | 1.1 | 161.1 | 12.5 | 142.6 | 4.8 |
| 2022 | Q1 | 118.0 | 6.3 | 157.6 | 17.7 | 136.6 | 20.6 |
| | Q2 | 123.4 | 1.2 | 161.8 | 24.4 | 149.5 | 17.1 |
| | Q3 | 113.2 | -2.9 | 171.0 | 15.4 | 148.3 | -1.7 |
| | Q4 | 125.1 | 0.2 | 154.0 | -4.2 | 136.0 | -11.0 |
| 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 |
| 2022 | (Jan.-Sep.) | 118.2 | 1.4 | 163.5 | 19.0 | 144.8 | 10.9 |
| 2023 | (Jan.-Sep.) | 114.9 | -2.8 | 152.7 | -6.6 | 131.1 | -9.5 |
| 2022 | Jan. | 121.7 | -2.2 | 157.8 | 8.4 | 159.5 | 23.2 |
| | Feb. | 106.1 | 6.7 | 152.1 | 16.2 | 125.4 | 15.1 |
| | Mar. | 126.2 | 15.7 | 163.1 | 30.0 | 124.9 | 23.3 |
| | Apr. | 126.8 | 5.7 | 169.2 | 36.8 | 141.5 | 23.9 |
| | May | 111.8 | -4.5 | 152.6 | 26.5 | 148.9 | 19.9 |
| | Jun. | 131.7 | 2.1 | 163.5 | 12.0 | 158.1 | 9.3 |
| | Jul. | 110.8 | -0.7 | 160.9 | 14.4 | 135.9 | 5.1 |
| | Aug. | 106.1 | -4.3 | 168.5 | 21.7 | 151.1 | -8.2 |
| | Sep. | 122.7 | 55.9 | 183.4 | 10.9 | 157.9 | -0.5 |
| | Oct. | 130.0 | 0.8 | 181.6 | 4.7 | 136.3 | -8.7 |
| | Nov. | 119.2 | 1.9 | 144.1 | -4.5 | 129.5 | -10.5 |
| | Dec. | 126.1 | -1.9 | 136.4 | -13.6 | 142.1 | -13.4 |
| 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 |

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

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

| Tahun Year | Tempoh Period | Pembuatan jentera kegunaan umum | | Pembuatan jentera kegunaan khas | | Pembuatan kenderaan bermotor | |
|---------------------|------------------|-------------------------------------------------|----------------------------------------------------|-------------------------------------------------|----------------------------------------------------|--------------------------------------|----------------------------------------------------|
| | | 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 |
| | | <i>Manufacture of general-purpose machinery</i> | | <i>Manufacture of special-purpose machinery</i> | | <i>Manufacture of motor vehicles</i> | |
| Kod/Codes | | 281 | | 282 | | 291 | |
| Wajaran/Weight 2015 | | 1.27 | | 0.87 | | 1.66 | |
| 2021 | | 142.5 | 16.3 | 129.2 | 4.9 | 97.2 | -0.6 |
| 2022 | | 152.9 | 7.3 | 137.8 | 6.6 | 135.2 | 39.2 |
| 2022 | Q1 | 132.1 | 2.2 | 127.4 | 7.6 | 125.5 | 5.0 |
| | Q2 | 168.9 | 2.2 | 141.4 | 8.0 | 154.6 | 56.2 |
| | Q3 | 173.3 | 20.0 | 138.0 | 5.6 | 121.8 | 215.9 |
| | Q4 | 137.2 | 4.6 | 144.3 | 5.4 | 139.1 | 5.7 |
| 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 |
| 2022 | (Jan.-Sep.) | 158.1 | 8.1 | 135.6 | 7.1 | 134.0 | 56.4 |
| 2023 | (Jan.-Sep.) | 160.0 | 1.2 | 130.8 | -3.6 | 142.1 | 6.0 |
| 2022 | Jan. | 125.1 | 1.3 | 129.7 | 13.6 | 126.0 | 7.7 |
| | Feb. | 132.7 | 4.8 | 125.7 | 3.6 | 121.3 | 12.8 |
| | Mar. | 138.3 | 0.8 | 127.0 | 6.0 | 129.1 | -3.7 |
| | Apr. | 165.2 | 3.2 | 136.6 | 3.2 | 167.1 | 1.8 |
| | May | 153.5 | -1.3 | 147.8 | 9.0 | 146.9 | 12.3 |
| | Jun. | 188.0 | 4.5 | 139.9 | 12.0 | 149.7 | 8389.5 |
| | Jul. | 177.5 | 20.6 | 134.1 | 7.6 | 109.1 | 1824.7 |
| | Aug. | 186.2 | 19.5 | 143.6 | 6.5 | 130.5 | 345.6 |
| | Sep. | 156.3 | 19.9 | 136.2 | 2.9 | 125.9 | 55.9 |
| | Oct. | 127.9 | -1.7 | 138.3 | 3.3 | 118.8 | -11.2 |
| | Nov. | 144.9 | 7.0 | 143.1 | 0.4 | 147.6 | 13.2 |
| | Dec. | 138.7 | 8.4 | 151.4 | 12.8 | 150.8 | 15.4 |
| 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 |

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

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

| Tahun Year | Tempoh Period | Pembuatan alat ganti dan aksesori untuk kenderaan bermotor | | Pembinaan kapal dan bot | | Pembuatan kapal angkasa dan udara dan jentera berkaitan | |
|---------------|----------------------------|--------------------------------------------------------------------|-----------------------------------------------------------|------------------------------------|-----------------------------------------------------------|--------------------------------------------------------------------|-----------------------------------------------------------|
| | | 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 |
| | | <i>Manufacture of parts and accessories for motor vehicles</i> | | <i>Building of ships and boats</i> | | <i>Manufacture of air and spacecraft and related machinery</i> | |
| | Kod/Codes | 293 | | 301 | | 303 | |
| | Wajaran/Weight 2015 | 1.42 | | 0.45 | | 0.28 | |
| 2021 | | 134.5 | 1.8 | 93.2 | 5.6 | 101.5 | -4.5 |
| 2022 | | 154.3 | 14.7 | 100.5 | 7.8 | 102.9 | 1.4 |
| 2022 | Q1 | 164.9 | 3.9 | 98.7 | 8.6 | 115.4 | -3.4 |
| | Q2 | 158.6 | 20.9 | 84.9 | 8.3 | 90.0 | 1.0 |
| | Q3 | 154.6 | 33.6 | 108.3 | 3.6 | 95.5 | 10.8 |
| | Q4 | 138.9 | 4.9 | 110.2 | 11.1 | 110.5 | -0.5 |
| 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 |
| 2022 | (Jan.-Sep.) | 159.4 | 17.9 | 97.3 | 6.6 | 100.3 | 2.1 |
| 2023 | (Jan.-Sep.) | 166.4 | 4.4 | 106.8 | 9.8 | 87.6 | -12.7 |
| 2022 | Jan. | 156.3 | 2.4 | 101.5 | 3.1 | 123.6 | 2.0 |
| | Feb. | 160.9 | 7.7 | 95.1 | 10.9 | 111.7 | -3.6 |
| | Mar. | 177.6 | 1.9 | 99.6 | 12.5 | 110.9 | -8.7 |
| | Apr. | 157.8 | 9.2 | 80.5 | 9.6 | 109.1 | 0.9 |
| | May | 152.9 | 16.9 | 84.2 | 8.3 | 82.4 | 4.5 |
| | Jun. | 165.1 | 39.8 | 90.0 | 7.1 | 78.6 | -2.2 |
| | Jul. | 161.0 | 36.3 | 79.1 | 15.5 | 68.9 | 5.2 |
| | Aug. | 165.0 | 39.5 | 116.0 | -1.3 | 103.5 | 9.2 |
| | Sep. | 137.9 | 24.5 | 129.7 | 1.8 | 114.0 | 16.2 |
| | Oct. | 132.0 | 1.5 | 106.2 | 23.8 | 89.7 | 0.6 |
| | Nov. | 141.9 | 5.7 | 115.4 | 4.8 | 131.9 | 3.8 |
| | Dec. | 142.8 | 7.4 | 108.9 | 7.4 | 110.0 | -6.1 |
| 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 |

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

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

| Tahun Year | Tempoh Period | % Perubahan tahun ke tahun/ change year-on-year | | % Perubahan tahun ke tahun/ change year-on-year | | % Perubahan tahun ke tahun/ change year-on-year | |
|---------------------|------------------|----------------------------------------------------|---------------|----------------------------------------------------|---------------|---------------------------------------------------------------------|---------------|
| | | Indeks/ Index | Indeks/ Index | Indeks/ Index | Indeks/ Index | Indeks/ Index | Indeks/ Index |
| | | Pembuatan kelengkapan pengangkutan t.t.t.l. | | Pembuatan perabot | | Pembaikan pemasangan produk logam, jentera dan kelengkapan | |
| | | <i>Manufacture of transport equipment n.e.c.</i> | | <i>Manufacture of furniture</i> | | <i>Repair of fabricated metal products, machinery and equipment</i> | |
| Kod/Codes | | 309 | | 310 | | 331 | |
| Wajaran/Weight 2015 | | 0.34 | | 1.04 | | 0.69 | |
| 2021 | | 92.1 | 2.0 | 118.3 | -3.7 | 122.5 | 0.2 |
| 2022 | | 101.6 | 10.3 | 129.5 | 9.5 | 135.5 | 10.6 |
| 2022 | Q1 | 104.3 | 1.1 | 151.7 | 6.3 | 134.7 | 5.7 |
| | Q2 | 93.2 | 19.4 | 129.5 | 16.6 | 130.8 | 13.4 |
| | Q3 | 100.3 | 23.0 | 113.0 | 32.1 | 133.3 | 20.1 |
| | Q4 | 108.4 | 2.8 | 123.7 | -7.5 | 143.2 | 5.1 |
| 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 |
| 2022 | (Jan.-Sep.) | 99.3 | 13.3 | 131.4 | 16.2 | 132.9 | 12.8 |
| 2023 | (Jan.-Sep.) | 103.0 | 3.8 | 120.9 | -8.0 | 140.7 | 5.9 |
| 2022 | Jan. | 105.2 | 4.3 | 151.9 | 5.1 | 134.2 | 3.5 |
| | Feb. | 97.8 | 0.5 | 144.6 | 4.0 | 125.4 | 5.4 |
| | Mar. | 110.0 | -1.4 | 158.5 | 9.7 | 144.4 | 8.1 |
| | Apr. | 95.5 | 6.1 | 137.6 | 16.7 | 135.6 | 11.0 |
| | May | 91.4 | 12.0 | 126.4 | 9.6 | 125.6 | 7.6 |
| | Jun. | 92.5 | 48.2 | 124.5 | 24.6 | 131.1 | 22.5 |
| | Jul. | 85.6 | 43.4 | 114.8 | 52.2 | 133.3 | 22.7 |
| | Aug. | 103.5 | 20.3 | 111.5 | 40.9 | 133.1 | 19.6 |
| | Sep. | 111.9 | 13.2 | 112.8 | 10.5 | 133.5 | 18.2 |
| | Oct. | 109.6 | 8.4 | 114.2 | -6.7 | 146.5 | 6.5 |
| | Nov. | 108.6 | -0.7 | 128.9 | -7.3 | 150.9 | 0.7 |
| | Dec. | 107.1 | 1.2 | 128.1 | -8.3 | 132.3 | 9.1 |
| 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 |

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

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

| Tahun Year | Tempoh Period | % Perubahan tahun ke tahun/ change year-on-year | | % Perubahan tahun ke tahun/ change year-on-year | | % Perubahan tahun ke tahun/ change year-on-year | | % Perubahan tahun ke tahun/ change year-on-year | |
|---------------------|------------------|----------------------------------------------------|--------------------------------------------------------------------|----------------------------------------------------------|---------------|----------------------------------------------------|---------------------------------------------|----------------------------------------------------|---------------|
| | | Indeks/ Index | Indeks/ Index | Indeks/ Index | Indeks/ Index | Indeks/ Index | Indeks/ Index | Indeks/ Index | Indeks/ Index |
| | | Pemrosesan dan pengawetan daging | Pemrosesan dan pengawetan ikan, krustasea dan moluska | Pemrosesan dan pengawetan buah-buahan dan sayur-sayuran | | | Pembuatan makanan haiwan tersedia | | |
| | | <i>Processing and preserving of meat</i> | <i>Processing and preserving of fish, crustaceans and molluscs</i> | <i>Processing and preserving of fruit and vegetables</i> | | | <i>Manufacture of prepared animal feeds</i> | | |
| Kod/ Codes | | 101 | 102 | 103 | | | 108 | | |
| Wajaran/Weight 2015 | | 0.34 | 0.20 | 0.10 | | | 0.47 | | |
| 2021 | | 185.1 | 23.5 | 117.2 | -11.2 | 118.1 | 5.6 | 188.2 | 22.5 |
| 2022 | | 218.7 | 18.2 | 113.2 | -3.4 | 126.3 | 6.9 | 218.2 | 15.9 |
| 2022 | Q1 | 177.9 | 20.6 | 113.4 | -12.5 | 128.5 | 6.1 | 200.7 | 23.9 |
| | Q2 | 238.0 | 23.4 | 117.5 | -2.3 | 120.6 | 1.9 | 206.5 | 22.1 |
| | Q3 | 240.0 | 16.3 | 112.5 | 2.5 | 124.5 | 8.3 | 244.3 | 6.8 |
| | Q4 | 219.1 | 13.0 | 109.5 | 0.5 | 131.7 | 11.4 | 221.5 | 14.7 |
| 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 |
| 2022 | (Jan.-Sep.) | 218.6 | 20.0 | 114.5 | -4.5 | 124.6 | 5.4 | 217.1 | 16.4 |
| 2023 | (Jan.-Sep.) | 219.7 | 0.5 | 121.2 | 5.9 | 116.6 | -6.4 | 254.5 | 17.2 |
| 2022 | Jan. | 177.7 | 17.3 | 120.7 | -11.7 | 134.3 | 2.7 | 217.2 | 24.8 |
| | Feb. | 158.3 | 19.2 | 113.4 | -17.4 | 132.3 | 16.8 | 187.7 | 22.2 |
| | Mar. | 197.8 | 25.0 | 106.2 | -7.7 | 118.8 | -0.3 | 197.0 | 24.6 |
| | Apr. | 258.9 | 25.3 | 114.9 | -0.7 | 122.6 | 2.7 | 205.6 | 22.5 |
| | May | 236.3 | 28.8 | 122.2 | -1.2 | 116.8 | 5.1 | 209.0 | 20.0 |
| | Jun. | 218.7 | 16.1 | 115.3 | -5.0 | 122.6 | -1.6 | 204.9 | 23.9 |
| | Jul. | 234.9 | 24.4 | 105.2 | -5.6 | 118.1 | 3.6 | 234.8 | 12.2 |
| | Aug. | 237.5 | 8.4 | 119.0 | 7.2 | 130.2 | 13.9 | 252.9 | 4.8 |
| | Sep. | 247.5 | 17.4 | 113.3 | 6.1 | 125.4 | 7.5 | 245.1 | 4.0 |
| | Oct. | 204.4 | 13.1 | 92.5 | -7.3 | 129.3 | 9.8 | 197.0 | 9.8 |
| | Nov. | 221.2 | 18.5 | 122.8 | 9.9 | 129.3 | 11.0 | 212.3 | 15.8 |
| | Dec. | 231.7 | 8.3 | 113.3 | -1.9 | 136.4 | 13.4 | 255.4 | 18.0 |
| 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 |

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

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

| Tahun Year | Tempoh Period | Pembuatan tekstil lain | | Pembuatan artikel daripada kulit bulu | | Pembuatan pakaian yang dikait dan dikrusye | |
|---------------------|------------------|--------------------------------------|----------------------------------------------------|---------------------------------------|----------------------------------------------------|-----------------------------------------------------|----------------------------------------------------|
| | | 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 |
| | | <i>Manufacture of other textiles</i> | | <i>Manufacture of articles of fur</i> | | <i>Manufacture of knitted and crocheted apparel</i> | |
| Kod/ Codes | | 139 | | 142 | | 143 | |
| Wajaran/Weight 2015 | | 0.17 | | 0.00 | | 0.01 | |
| 2021 | | 119.2 | 4.8 | 116.4 | -10.7 | 138.9 | 12.1 |
| 2022 | | 121.9 | 2.3 | 139.8 | 20.1 | 152.9 | 10.1 |
| 2022 | Q1 | 131.9 | 9.1 | 125.7 | 9.7 | 147.9 | 11.4 |
| | Q2 | 107.9 | 7.9 | 137.7 | 12.0 | 150.8 | 7.2 |
| | Q3 | 116.7 | 4.4 | 137.9 | 39.5 | 154.6 | 12.2 |
| | Q4 | 131.2 | -8.8 | 157.8 | 22.2 | 158.1 | 9.6 |
| 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 |
| 2022 | (Jan.-Sep.) | 118.8 | 7.1 | 133.8 | 19.3 | 151.1 | 10.2 |
| 2023 | (Jan.-Sep.) | 129.2 | 8.7 | 153.7 | 14.9 | 165.8 | 9.7 |
| 2022 | Jan. | 125.5 | 6.8 | 134.4 | 13.3 | 146.7 | 14.0 |
| | Feb. | 130.4 | 12.9 | 118.5 | 11.7 | 147.9 | 10.6 |
| | Mar. | 139.6 | 7.8 | 124.1 | 4.2 | 149.0 | 9.7 |
| | Apr. | 111.7 | 14.2 | 129.6 | 12.2 | 149.4 | 8.1 |
| | May | 103.3 | 9.0 | 141.7 | -4.2 | 150.7 | 7.8 |
| | Jun. | 108.8 | 1.1 | 141.9 | 34.4 | 152.3 | 5.7 |
| | Jul. | 108.9 | 0.1 | 133.2 | 35.9 | 153.1 | 17.3 |
| | Aug. | 114.9 | 5.1 | 134.7 | 51.7 | 154.1 | 10.0 |
| | Sep. | 126.3 | 7.6 | 145.9 | 32.9 | 156.8 | 9.7 |
| | Oct. | 125.5 | -9.4 | 134.8 | 5.3 | 157.0 | 9.7 |
| | Nov. | 132.0 | -17.5 | 173.5 | 24.2 | 158.2 | 9.6 |
| | Dec. | 136.0 | 2.2 | 165.0 | 38.1 | 159.3 | 9.5 |
| 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 |

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

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

| Tahun Year | Tempoh Period | Penerbitan semula media rakaman | | Pembuatan serat buatan manusia | | Penuangan logam | |
|---------------------|------------------|---------------------------------------|----------------------------------------------------|---------------------------------------|----------------------------------------------------|--------------------------|----------------------------------------------------|
| | | 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 |
| | | <i>Reproduction of recorded media</i> | | <i>Manufacture of man-made fibres</i> | | <i>Casting of metals</i> | |
| Kod/ Codes | | 182 | | 203 | | 243 | |
| Wajaran/Weight 2015 | | 0.00 | | 0.02 | | 0.17 | |
| 2021 | | 117.8 | 2.1 | 95.4 | 28.1 | 117.2 | 7.0 |
| 2022 | | 106.7 | -9.4 | 101.8 | 6.8 | 123.4 | 5.3 |
| 2022 | Q1 | 101.4 | -21.0 | 100.1 | 8.1 | 126.1 | 6.9 |
| | Q2 | 110.7 | -7.9 | 101.1 | 7.2 | 117.8 | 9.8 |
| | Q3 | 106.7 | -5.8 | 102.5 | 3.2 | 120.5 | 3.9 |
| | Q4 | 108.1 | -1.1 | 103.6 | 8.7 | 129.0 | 1.3 |
| 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 |
| 2022 | (Jan.-Sep.) | 106.3 | -11.9 | 101.2 | 6.1 | 121.5 | 6.8 |
| 2023 | (Jan.-Sep.) | 101.0 | -5.0 | 106.0 | 4.7 | 124.1 | 2.1 |
| 2022 | Jan. | 103.6 | -22.2 | 99.5 | 20.0 | 123.0 | 3.7 |
| | Feb. | 101.4 | -28.2 | 100.1 | 4.3 | 125.3 | 10.5 |
| | Mar. | 99.3 | -10.5 | 100.7 | 1.8 | 130.1 | 6.5 |
| | Apr. | 122.6 | 2.2 | 100.7 | 21.1 | 122.0 | 19.2 |
| | May | 106.5 | -6.6 | 102.6 | 5.1 | 116.0 | 11.9 |
| | Jun. | 103.2 | -18.5 | 100.0 | -2.1 | 115.5 | -0.5 |
| | Jul. | 109.7 | -3.7 | 101.6 | 2.5 | 119.0 | -1.5 |
| | Aug. | 105.7 | -4.8 | 103.6 | -0.9 | 121.6 | 8.7 |
| | Sep. | 104.7 | -8.7 | 102.4 | 8.3 | 121.0 | 5.0 |
| | Oct. | 107.9 | -5.5 | 103.2 | 6.0 | 139.4 | 2.0 |
| | Nov. | 108.2 | 0.2 | 103.5 | 15.5 | 121.4 | -1.7 |
| | Dec. | 108.3 | 2.4 | 104.0 | 5.2 | 126.3 | 3.4 |
| 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 |

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

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

| Tahun Year | Tempoh Period | Pembuatan media magnetik dan optikal | | Pembuatan bateri dan akumulator | | Pembuatan kelengkapan pencahayaan elektrik | |
|---------------------|------------------|--------------------------------------------------|----------------------------------------------------|--------------------------------------------------|----------------------------------------------------|---------------------------------------------------|----------------------------------------------------|
| | | 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 |
| | | <i>Manufacture of magnetic and optical media</i> | | <i>Manufacture of batteries and accumulators</i> | | <i>Manufacture of electric lighting equipment</i> | |
| Kod/ Codes | | 268 | | 272 | | 274 | |
| Wajaran/Weight 2015 | | 0.01 | | 0.18 | | 0.06 | |
| 2021 | | 130.5 | 38.4 | 147.2 | 22.9 | 94.6 | -2.3 |
| 2022 | | 143.5 | 10.0 | 156.3 | 6.2 | 70.2 | -25.8 |
| 2022 | Q1 | 141.1 | 16.8 | 163.3 | 25.1 | 82.1 | -32.6 |
| | Q2 | 142.1 | 8.7 | 161.7 | 22.5 | 88.3 | -15.6 |
| | Q3 | 144.4 | 5.7 | 136.7 | -7.1 | 53.7 | -31.6 |
| | Q4 | 146.5 | 9.5 | 163.5 | -8.7 | 56.6 | -22.9 |
| 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 |
| 2022 | (Jan.-Sep.) | 142.5 | 10.1 | 153.9 | 12.7 | 74.7 | -26.5 |
| 2023 | (Jan.-Sep.) | 147.4 | 3.5 | 189.9 | 23.4 | 64.6 | -13.6 |
| 2022 | Jan. | 139.7 | 19.2 | 163.3 | 23.7 | 76.3 | -29.4 |
| | Feb. | 141.1 | 14.8 | 166.1 | 20.2 | 87.1 | -35.2 |
| | Mar. | 142.4 | 16.5 | 160.6 | 32.1 | 82.9 | -32.5 |
| | Apr. | 141.1 | 11.2 | 172.6 | 29.7 | 91.5 | -7.1 |
| | May | 143.5 | 11.9 | 140.5 | 8.4 | 91.2 | -13.0 |
| | Jun. | 141.5 | 3.3 | 172.0 | 29.1 | 82.2 | -25.7 |
| | Jul. | 143.1 | 3.8 | 140.6 | 13.2 | 50.1 | -30.9 |
| | Aug. | 145.6 | 3.0 | 124.9 | -17.7 | 56.8 | -29.1 |
| | Sep. | 144.6 | 10.5 | 144.7 | -12.6 | 54.2 | -34.6 |
| | Oct. | 145.5 | 2.4 | 149.4 | -16.8 | 58.5 | -31.4 |
| | Nov. | 146.1 | 14.4 | 144.1 | -16.8 | 55.6 | -19.8 |
| | Dec. | 148.0 | 12.3 | 197.0 | 6.9 | 55.8 | -15.0 |
| 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 |

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

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

| Tahun Year | Tempoh Period | % Perubahan tahun ke tahun/ change year-on-year | | % Perubahan tahun ke tahun/ change year-on-year | | % Perubahan tahun ke tahun/ change year-on-year | |
|---------------------|------------------|----------------------------------------------------|--------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|---------------|----------------------------------------------------|---------------|
| | | Indeks/ Index | Indeks/ Index | Indeks/ Index | Indeks/ Index | Indeks/ Index | Indeks/ Index |
| | | 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 | | | |
| | | <i>Manufacture of other electrical equipment</i> | <i>Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers</i> | <i>Manufacture of railway locomotives and rolling stock, Manufacture of military fighting vehicles</i> | | | |
| Kod/ Codes | | 279 | 292 | 302&304 | | | |
| Wajaran/Weight 2015 | | 0.34 | 0.09 | 0.13 | | | |
| 2021 | | 155.6 | 29.8 | 63.4 | 6.5 | 122.1 | 12.3 |
| 2022 | | 203.1 | 30.5 | 66.3 | 4.6 | 56.1 | -54.0 |
| 2022 | Q1 | 174.1 | 28.7 | 60.8 | 10.9 | 75.3 | -39.3 |
| | Q2 | 204.8 | -2.1 | 62.8 | 26.0 | 47.7 | -56.5 |
| | Q3 | 226.6 | 53.3 | 66.8 | -5.0 | 50.9 | -60.0 |
| | Q4 | 206.9 | 58.8 | 74.7 | -4.8 | 50.6 | -60.4 |
| 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 |
| 2022 | (Jan.-Sep.) | 201.8 | 23.0 | 63.5 | 8.8 | 58.0 | -51.8 |
| 2023 | (Jan.-Sep.) | 228.2 | 13.1 | 67.9 | 7.0 | 55.6 | -4.0 |
| 2022 | Jan. | 154.1 | 21.5 | 58.7 | 11.8 | 129.1 | -7.2 |
| | Feb. | 169.1 | 40.5 | 57.5 | 1.0 | 46.6 | -59.8 |
| | Mar. | 199.1 | 25.5 | 66.3 | 20.2 | 50.2 | -57.1 |
| | Apr. | 176.0 | -19.9 | 58.2 | 21.1 | 47.7 | -56.9 |
| | May | 186.3 | 0.3 | 63.0 | 19.4 | 46.1 | -56.0 |
| | Jun. | 251.9 | 13.6 | 67.3 | 37.9 | 49.2 | -56.5 |
| | Jul. | 224.4 | 29.4 | 65.3 | 63.4 | 49.8 | -50.1 |
| | Aug. | 217.8 | 76.0 | 67.8 | 49.2 | 51.9 | -62.9 |
| | Sep. | 237.6 | 62.5 | 67.5 | -46.4 | 50.9 | -64.1 |
| | Oct. | 225.4 | 45.1 | 72.4 | -18.6 | 50.7 | -60.8 |
| | Nov. | 198.4 | 66.0 | 70.3 | -8.1 | 50.1 | -60.2 |
| | Dec. | 197.0 | 69.6 | 81.5 | 16.1 | 51.0 | -60.1 |
| 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 |

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

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

| Tahun Year | Tempoh Period | Pembuatan barang kemas, bijouterie dan artikel berkaitan | | Pembuatan instrumen muzik | | Pembuatan barangan sukan | |
|---------------------|------------------|----------------------------------------------------------------------|-------|-----------------------------------------------|-------|------------------------------------|-------|
| | | <i>Manufacture of jewellery, bijouterie and related articles</i> | | <i>Manufacture of musical instruments</i> | | <i>Manufacture of sports goods</i> | |
| Kod/Codes | | 321 | | 322 | | 323 | |
| Wajaran/Weight 2015 | | 0.22 | | 0.00 | | 0.02 | |
| 2021 | | 146.0 | 16.8 | 90.4 | -8.8 | 107.3 | 2.3 |
| 2022 | | 158.4 | 8.5 | 74.0 | -18.1 | 88.8 | -17.2 |
| 2022 | Q1 | 156.5 | 4.7 | 68.5 | -34.3 | 91.5 | -14.5 |
| | Q2 | 165.1 | 15.5 | 78.5 | -16.5 | 93.6 | -2.3 |
| | Q3 | 126.7 | 11.6 | 73.7 | -9.8 | 84.2 | -25.1 |
| | Q4 | 185.4 | 4.1 | 75.2 | -7.7 | 86.0 | -24.6 |
| 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 |
| 2022 | (Jan.-Sep.) | 149.5 | 10.4 | 73.6 | -21.2 | 89.8 | -14.6 |
| 2023 | (Jan.-Sep.) | 151.5 | 1.3 | 68.6 | -6.8 | 84.6 | -5.8 |
| 2022 | Jan. | 167.9 | 6.0 | 71.4 | -31.2 | 102.3 | -5.2 |
| | Feb. | 153.9 | 7.9 | 68.4 | -34.2 | 82.5 | -25.3 |
| | Mar. | 147.8 | 0.1 | 65.7 | -37.5 | 89.7 | -12.7 |
| | Apr. | 153.5 | -13.6 | 90.2 | -15.0 | 102.0 | 3.3 |
| | May | 187.1 | 19.4 | 71.3 | -33.3 | 87.0 | -5.8 |
| | Jun. | 154.6 | 63.7 | 73.9 | 7.0 | 91.9 | -4.7 |
| | Jul. | 138.7 | 55.5 | 78.1 | -5.4 | 94.0 | -5.6 |
| | Aug. | 93.6 | -0.4 | 71.6 | -7.9 | 81.8 | -29.0 |
| | Sep. | 147.9 | -6.0 | 71.3 | -15.8 | 76.7 | -37.2 |
| | Oct. | 193.3 | 2.9 | 75.0 | -19.2 | 80.7 | -30.8 |
| | Nov. | 189.2 | 5.5 | 75.3 | -2.4 | 91.8 | -17.4 |
| | Dec. | 173.6 | 4.1 | 75.3 | 1.2 | 85.4 | -25.3 |
| 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 |

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

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

| Tahun Year | Tempoh Period | Pembuatan permainan dan mainan | | Pembuatan bekalan dan instrumen pergigian dan perubatan | | Pembuatan lain t.t.t.l. | | Pemasangan jentera perindustrian dan kelengkapan | |
|---------------|--------------------|--------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------------------|-----------------------------------------------------------|-----------------------------------|-----------------------------------------------------------|---------------------------------------------------------------|-----------------------------------------------------------|
| | | 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 |
| | | <i>Manufacture of games and toys</i> | | <i>Manufacture of medical and dental instruments and supplies</i> | | <i>Other manufacturing n.e.c.</i> | | <i>Installation of industrial machinery and equipment</i> | |
| | | Kod/ Codes | 324 | 325 | 329 | 332 | | | |
| | | Wajaran/Weight 2015 | 0.07 | 0.13 | 0.31 | 0.08 | | | |
| 2021 | | 82.3 | -4.9 | 113.4 | -0.7 | 83.6 | -7.6 | 96.6 | -3.9 |
| 2022 | | 74.6 | -9.4 | 133.8 | 18.0 | 94.9 | 13.5 | 101.6 | 5.2 |
| 2022 | Q1 | 73.9 | -26.0 | 139.9 | 29.5 | 97.7 | -0.1 | 102.6 | 32.9 |
| | Q2 | 76.2 | -4.9 | 118.2 | 27.1 | 89.0 | 16.1 | 104.2 | 10.9 |
| | Q3 | 75.5 | 9.3 | 142.2 | 20.8 | 97.9 | 36.9 | 94.8 | -13.7 |
| | Q4 | 73.0 | -9.2 | 135.0 | 0.1 | 94.9 | 7.5 | 105.0 | -0.5 |
| 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 |
| 2022 | (Jan.-Sep.) | 75.2 | -9.4 | 133.4 | 25.6 | 94.9 | 15.7 | 100.5 | 7.3 |
| 2023 | (Jan.-Sep.) | 71.2 | -5.2 | 144.4 | 8.3 | 96.0 | 1.2 | 101.0 | 0.4 |
| 2022 | Jan. | 78.9 | -12.0 | 138.2 | 24.8 | 97.5 | -10.0 | 108.6 | 47.7 |
| | Feb. | 70.1 | -33.4 | 137.6 | 35.7 | 95.2 | 5.1 | 86.9 | 28.3 |
| | Mar. | 72.5 | -30.7 | 144.0 | 28.6 | 100.6 | 6.2 | 112.3 | 24.3 |
| | Apr. | 79.3 | -6.2 | 103.2 | 23.9 | 97.0 | 19.2 | 108.1 | 19.8 |
| | May | 72.1 | -15.1 | 123.2 | 15.3 | 87.5 | 4.1 | 101.5 | 10.8 |
| | Jun. | 77.2 | 8.9 | 128.2 | 44.3 | 82.5 | 28.0 | 103.0 | 3.0 |
| | Jul. | 75.6 | 7.5 | 142.3 | 57.2 | 89.5 | 46.5 | 102.1 | -3.6 |
| | Aug. | 70.3 | 5.0 | 145.0 | 29.0 | 93.4 | 47.7 | 86.3 | -13.2 |
| | Sep. | 80.4 | 15.3 | 139.2 | -7.2 | 110.9 | 22.8 | 95.9 | -22.8 |
| | Oct. | 67.1 | -15.9 | 133.9 | -1.3 | 97.7 | 3.6 | 119.7 | 0.3 |
| | Nov. | 77.8 | -8.0 | 140.0 | -0.5 | 97.9 | 14.4 | 108.6 | 5.9 |
| | Dec. | 74.2 | -3.6 | 131.2 | 2.1 | 89.2 | 5.0 | 86.5 | -8.6 |
| 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 |

Jadual 5: Indeks Pembuatan Peringkat Bahagian (2015=100)
Table 5: Manufacturing Indices at Division Level (2015=100)

| Bil./ No. | Wejiran/ Weights 2015 | Kod/ Codes | Keterangan/Tempoh | Jul. 2022 | Aug. 2022 | Sep. 2022 | Jul. 2023 | Aug. 2023 | Sep. 2023 | Q1 2022 | Q2 2022 | Q3 2022 | Q1 2023 | Q2 2023 | Q3 2023 | Jan.- Sep. 2021 | Jan.- Sep. 2022 | Jan.- Sep. 2023 | Description/ Period | |
|--------------|-----------------------------|---------------|------------------------------------------------------------------------------------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|------------|------------|------------|------------|------------|-----------------------|-----------------------|-----------------------|------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|
| | | | | | | | | | | | | | | | | | | | | |
| | | 68.25 | C PEMBUATAN | | | | | | | | | | | | | | | | | |
| 1. | 8.55 | | Makanan, Minuman dan Tembaku | 136.9 | 144.5 | 146.1 | 136.6 | 143.6 | 146.7 | 133.2 | 134.8 | 142.5 | 137.7 | 134.9 | 142.3 | 124.8 | 136.8 | 138.3 | MANUFACTURING | |
| | 1.1 | | Pembuatan produk makanan | 128.1 | 136.8 | 141.3 | 133.1 | 142.1 | 148.4 | 117.3 | 125.5 | 135.4 | 126.0 | 129.4 | 141.2 | 118.0 | 126.1 | 132.2 | Food, Beverages and Tobacco | |
| | 1.2 | | Pembuatan minuman | 132.0 | 141.5 | 145.7 | 136.6 | 146.9 | 153.2 | 115.9 | 125.9 | 139.7 | 124.8 | 128.7 | 145.6 | 121.7 | 127.2 | 133.0 | Manufacture of food products | |
| | 1.3 | | Pembuatan produk tembaku | 132.8 | 137.8 | 142.1 | 135.3 | 138.2 | 143.0 | 125.1 | 137.7 | 137.6 | 123.2 | 140.4 | 138.8 | 113.4 | 133.4 | 134.1 | Manufacture of beverages | |
| 2. | 1.33 | | Produk Tekstil, Pakaian, Kulit dan Kasut | 67.8 | 69.5 | 77.0 | 79.4 | 77.9 | 86.6 | 127.6 | 104.2 | 71.4 | 147.4 | 125.2 | 81.3 | 71.2 | 101.1 | 118.0 | Manufacture of tobacco products | |
| | 2.1 | | Pembuatan tekstil | 109.1 | 116.1 | 129.0 | 111.0 | 116.1 | 128.5 | 134.7 | 110.1 | 118.1 | 135.7 | 114.3 | 118.5 | 111.9 | 121.0 | 122.8 | Textiles, Wearing Apparel, Leather Products and Footwear | |
| | 2.2 | | Pembuatan pakaian | 110.9 | 114.0 | 130.8 | 103.9 | 108.2 | 121.9 | 129.5 | 109.5 | 118.6 | 125.0 | 105.7 | 111.3 | 112.1 | 119.2 | 114.0 | Manufacture of textiles | |
| | 2.3 | | Pembuatan produk kulit dan barangan berkaitan | 100.4 | 111.0 | 123.5 | 108.6 | 115.3 | 128.3 | 137.7 | 100.5 | 111.6 | 141.4 | 109.9 | 117.8 | 111.3 | 116.6 | 123.0 | Manufacture of wearing apparel | |
| 3. | 4.56 | | Produk Kayu, Perabot, Keluaran Kertas, Percetakan | 137.1 | 145.4 | 144.4 | 148.0 | 149.9 | 150.9 | 143.1 | 151.6 | 142.3 | 153.9 | 165.9 | 149.6 | 113.7 | 145.7 | 156.5 | Manufacture of leather and related products | |
| | 3.1 | | Pembuatan kayu dan produk kayu dan gabus, kecuali perabot; pembuatan bagi artikel jerami dan bahan-bahan anyaman | 119.3 | 122.3 | 131.3 | 119.5 | 124.6 | 131.9 | 136.4 | 124.6 | 124.3 | 131.2 | 123.3 | 125.4 | 115.1 | 128.4 | 126.6 | Wood Products, Furniture, Paper Products, Printing | |
| | 3.2 | | Pembuatan kertas dan produk kertas | 112.8 | 113.1 | 122.1 | 109.0 | 111.8 | 117.5 | 130.3 | 117.9 | 116.0 | 119.0 | 111.9 | 112.8 | 107.5 | 121.4 | 114.6 | Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | |
| | 3.3 | | Percetakan dan penerbitan semula media rakaman | 139.9 | 145.6 | 162.6 | 142.3 | 150.4 | 168.2 | 142.0 | 132.5 | 149.4 | 147.3 | 136.9 | 153.6 | 128.7 | 141.3 | 145.9 | Manufacture of paper and paper products | |
| | 3.4 | | Pembuatan perabot | 108.9 | 119.8 | 127.3 | 117.8 | 131.7 | 138.6 | 121.7 | 119.7 | 118.7 | 126.2 | 127.6 | 129.4 | 112.0 | 120.0 | 127.7 | Printing and reproduction of recorded media | |
| 4. | 20.60 | | Produk Petroleum, Kimia, Getah dan Plastik | 114.8 | 111.5 | 112.8 | 110.3 | 107.6 | 105.9 | 151.7 | 129.5 | 113.0 | 134.5 | 120.3 | 107.9 | 113.1 | 131.4 | 120.9 | Manufacture of furniture | |
| | 4.1 | | Pembuatan kok dan produk petroleum bertapis | 136.6 | 139.6 | 134.4 | 131.1 | 136.3 | 131.4 | 130.2 | 126.6 | 136.9 | 132.9 | 124.3 | 132.9 | 130.0 | 131.2 | 130.1 | 130.1 | Petroleum, Chemical, Rubber and Plastic Products |
| | 4.2 | | Pembuatan kimia dan produk kimia | 129.6 | 131.2 | 124.5 | 116.5 | 121.3 | 114.9 | 118.6 | 110.7 | 128.4 | 128.0 | 108.7 | 117.5 | 111.7 | 119.2 | 118.1 | 118.1 | Manufacture of coke and refined petroleum products |
| | 4.3 | | Pembuatan produk farmaseutikal asas; kimia perubatan dan botani | 119.6 | 128.0 | 126.2 | 128.4 | 137.9 | 133.6 | 125.7 | 120.1 | 124.6 | 129.2 | 125.9 | 133.3 | 117.7 | 123.5 | 129.5 | 129.5 | Manufacture of chemicals and chemical products |
| | 4.4 | | Pembuatan produk getah dan plastik | 180.8 | 184.9 | 191.1 | 174.0 | 176.2 | 178.3 | 156.2 | 162.7 | 185.6 | 165.3 | 163.1 | 176.1 | 156.9 | 168.2 | 168.2 | 168.2 | Manufacture of basic pharmaceuticals, medicinal chemical and botanical products |
| 5. | 9.11 | | Produk Mineral Bukan Logam, Logam Asas dan Produk Logam yang Direka | 171.5 | 170.0 | 161.8 | 161.6 | 162.2 | 158.9 | 158.3 | 166.0 | 167.8 | 145.9 | 151.4 | 160.9 | 183.4 | 164.0 | 152.7 | Manufacture of rubber and plastics products | |
| | 5.1 | | Pembuatan produk galian bukan logam lain | 101.7 | 112.2 | 118.8 | 106.2 | 116.8 | 128.3 | 122.6 | 105.9 | 110.9 | 126.8 | 111.8 | 117.1 | 103.0 | 113.1 | 118.6 | 118.6 | Non-metallic Mineral Products, Basic Metal and Fabricated Metal Products |
| | 5.2 | | Pembuatan logam asas | 94.0 | 109.3 | 110.7 | 96.8 | 113.0 | 119.5 | 124.4 | 98.7 | 104.6 | 128.8 | 101.5 | 109.8 | 97.3 | 109.2 | 113.4 | 113.4 | Manufacture of other non-metallic mineral products |
| | 5.3 | | Pembuatan produk logam yang direka, kecuali mesin dan kelengkapan | 111.6 | 124.5 | 126.1 | 114.2 | 125.0 | 133.2 | 123.9 | 115.3 | 120.7 | 126.0 | 120.9 | 124.1 | 109.6 | 120.0 | 123.7 | 123.7 | Manufacture of other non-metallic mineral products |
| 6. | 18.23 | | Produk Peralatan Elektrik dan Elektronik | 101.6 | 107.0 | 120.7 | 108.6 | 114.7 | 132.2 | 120.3 | 105.9 | 109.7 | 125.8 | 114.1 | 118.5 | 103.3 | 112.0 | 119.5 | 119.5 | Manufacture of fabricated metal products, except machinery and equipment |
| | 6.1 | | Pembuatan komputer, produk elektronik dan optikal | 171.1 | 182.0 | 186.3 | 168.3 | 175.6 | 182.5 | 149.5 | 167.8 | 179.8 | 155.0 | 165.3 | 175.5 | 142.6 | 165.7 | 165.3 | 165.3 | Electrical and Electronics Products |
| | 6.2 | | Pembuatan kelengkapan elektrik | 176.9 | 189.5 | 196.1 | 174.1 | 182.3 | 192.4 | 153.7 | 171.8 | 187.5 | 160.2 | 168.4 | 182.9 | 144.8 | 171.0 | 170.5 | 170.5 | Manufacture of computer, electronics and optical products |
| | 6.3 | | Pembuatan jentera dan peralatan t.t.t.l. | 145.6 | 147.2 | 161.5 | 146.6 | 147.8 | 161.0 | 142.2 | 152.3 | 151.4 | 141.8 | 153.1 | 151.8 | 132.8 | 148.6 | 148.9 | 148.9 | Manufacture of electrical equipment |
| 7. | 5.87 | | Kelengkapan Pengangkutan dan Pembinaan Lain | 159.8 | 168.9 | 148.1 | 153.5 | 160.8 | 140.8 | 130.2 | 157.7 | 158.9 | 135.1 | 157.6 | 151.7 | 138.3 | 148.9 | 148.1 | 148.1 | Manufacture of machinery and equipment n.e.c. |
| | 7.1 | | Pembuatan kenderaan bermotor, treler dan semi treler | 118.9 | 130.1 | 127.4 | 129.1 | 134.6 | 130.4 | 133.1 | 125.5 | 140.2 | 135.2 | 131.5 | 105.1 | 129.7 | 135.6 | 135.6 | 135.6 | Transport Equipment and Other Manufactures |
| | 7.2 | | Pembuatan kelengkapan pengangkutan lain | 131.1 | 144.1 | 129.5 | 146.6 | 149.6 | 132.9 | 141.2 | 153.7 | 134.9 | 156.0 | 153.2 | 143.0 | 107.0 | 143.3 | 150.7 | 150.7 | Manufacture of motor vehicles, trailers and semi-trailers |
| | 7.3 | | Pembuatan lain | 83.8 | 112.6 | 122.8 | 87.1 | 115.1 | 125.2 | 107.3 | 92.8 | 106.4 | 110.1 | 97.3 | 109.1 | 95.0 | 102.2 | 105.5 | 105.5 | Manufacture of other transport equipment |
| | 7.4 | | Membbaiki dan pemasangan jentera dan kelengkapan | 112.0 | 100.2 | 122.9 | 113.2 | 100.7 | 123.8 | 119.9 | 115.2 | 111.7 | 122.6 | 119.1 | 112.5 | 102.5 | 115.6 | 118.1 | 118.1 | Other manufacturing |
| | 7.4 | | Membbaiki dan pemasangan jentera dan kelengkapan | 130.2 | 128.4 | 129.7 | 137.4 | 135.8 | 136.8 | 131.4 | 128.1 | 129.4 | 138.4 | 135.1 | 136.7 | 115.5 | 129.7 | 136.7 | 136.7 | 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 |
|--------------|-----------------------------|---------------|------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|--------------|--------------|--------------|------------|------------|------------|------------|-----------------------|-----------------------|---------------|---------------|------------------------------------------------------|--------------|--------------|--------------|-----------------------------------------------------------------------|------------|------------|---------------|------------------------------------------------------------------------------------------------------------------------------|
| | | | | Aug. 2022 | Sep. 2022 | Aug. 2023 | Sep. 2023 | Q2 2022 | Q3 2022 | Q2 2023 | Q3 2023 | Jan.- Sep. 2022 | Jan.- Sep. 2023 | Jan.- 2022 | Jan.- 2023 | Aug. 2022 | Sep. 2022 | Aug. 2023 | Sep. 2023 | Q2 2022 | Q3 2022 | Q2 2023 | Q3 2023 | |
| 1. | 68.25 | C | PEMBUATAN | 15.2 | 10.4 | -0.6 | 0.4 | 9.3 | 13.4 | 0.1 | -0.1 | 9.7 | 1.1 | 9.5 | 8.2 | 5.6 | 1.1 | 2.2 | 1.2 | 5.7 | -2.1 | 5.5 | MANUFACTURING | |
| | 8.55 | | Makanan, Minuman dan Tembakau | 11.4 | 5.0 | 3.8 | 5.0 | 5.6 | 9.0 | 3.1 | 4.3 | 6.8 | 4.9 | 1.7 | 5.9 | 6.8 | 3.3 | 6.8 | 4.4 | 6.9 | 7.9 | 2.7 | 9.1 | Food, Beverages and Tobacco |
| | 1.1 | 7.39 | Pembuatan produk makanan | 7.6 | 3.7 | 3.9 | 5.1 | 2.4 | 5.4 | 2.2 | 4.2 | 4.5 | 4.6 | 1.8 | 4.5 | 7.2 | 3.0 | 7.5 | 4.3 | 8.6 | 11.0 | 3.2 | 13.1 | Manufacture of food products |
| | 1.2 | 0.65 | Pembuatan minuman | 14.9 | 11.8 | 0.2 | 0.6 | 22.5 | 23.2 | 2.0 | 0.9 | 17.6 | 0.5 | 9.9 | 13.3 | 3.8 | 3.1 | 2.1 | 3.5 | 10.0 | -0.1 | 14.0 | -1.1 | Manufacture of beverages |
| | 1.3 | 0.52 | Pembuatan produk tembakau | 2813.6 | 30.0 | 12.1 | 12.5 | 49.8 | 234.5 | 20.2 | 13.9 | 42.1 | 16.7 | -12.4 | 22.1 | 2.5 | 10.9 | -2.0 | 11.2 | -18.4 | -31.5 | -15.0 | -35.1 | Manufacture of tobacco products |
| 2. | 1.33 | | Produk Tekstil, Pakaian, Kulit dan Kasut | 12.9 | 8.0 | -0.01 | -0.4 | 7.3 | 12.5 | 3.9 | 0.4 | 8.1 | 1.6 | 7.3 | 5.6 | 6.5 | 11.1 | 4.6 | 10.7 | -18.3 | 7.3 | -15.7 | 3.7 | Textiles, Wearing Apparel, Leather Products and Footwear |
| | 2.1 | 0.58 | Pembuatan tekstil | 9.7 | 5.5 | -5.1 | -6.8 | 3.8 | 8.4 | -3.5 | -6.1 | 6.3 | -4.3 | 13.3 | 4.3 | 2.8 | 14.7 | 4.1 | 12.6 | -15.4 | 8.3 | -15.4 | 5.4 | Manufacture of textiles |
| | 2.2 | 0.60 | Pembuatan pakaian | 2.5 | 0.4 | 3.9 | 4.7 | 6.4 | 3.8 | 9.4 | 5.5 | 4.7 | 5.5 | 1.6 | 2.1 | 10.5 | 11.3 | 6.2 | 12.1 | -27.1 | 11.1 | -22.3 | 7.1 | Manufacture of wearing apparel |
| | 2.3 | 0.15 | Pembuatan produk kulit dan barangan berkaitan | 90.7 | 66.4 | 3.2 | 4.5 | 21.6 | 85.6 | 9.5 | 5.2 | 28.1 | 7.4 | 11.5 | 25.6 | 6.0 | -0.6 | 1.3 | 0.7 | 5.9 | -6.1 | 7.8 | -9.8 | Manufacture of leather and related products |
| 3. | 4.56 | | Produk Kayu, Perabot, Keluaran Kertas, Percetakan | 16.6 | 8.7 | 1.9 | 0.5 | 11.9 | 16.9 | -1.0 | 0.8 | 11.6 | -1.4 | 6.2 | 7.6 | 2.5 | 7.3 | 4.3 | 5.9 | -8.6 | -0.2 | -6.0 | 1.6 | Wood Products, Furniture, Paper Products, Printing |
| | 3.1 | 1.44 | Pembuatan kayu dan produk kayu dan gabus, kecuali perabot; pembuatan bagi artikel jerami dan bahan-bahan anyaman | 13.1 | 7.3 | -1.2 | -3.8 | 11.5 | 18.8 | -5.1 | -2.8 | 12.9 | -5.6 | 9.2 | 6.7 | 0.3 | 8.0 | 2.5 | 5.1 | -9.5 | -1.6 | -6.0 | 0.7 | Manufacture of wood and products of wood and cork, except furniture, manufacture of articles of straw and plaiting materials |
| | 3.2 | 1.15 | Pembuatan kertas dan produk kertas | 12.2 | 9.9 | 3.3 | 3.4 | 8.7 | 11.9 | 3.3 | 2.8 | 9.8 | 3.3 | 14.9 | 7.5 | 4.1 | 11.6 | 5.7 | 11.8 | -6.7 | 12.7 | -7.0 | 12.2 | Manufacture of paper and paper products |
| | 3.3 | 0.93 | Percetakan dan penerbitan semula media rakaman | 8.4 | 7.2 | 9.9 | 8.9 | 11.7 | 8.5 | 6.6 | 9.0 | 7.2 | 6.4 | 3.1 | 6.8 | 10.1 | 6.2 | 11.7 | 5.2 | -1.6 | -0.9 | 1.1 | 1.4 | Printing and reproduction of recorded media |
| | 3.4 | 1.04 | Pembuatan perabot | 40.9 | 10.5 | -3.5 | -6.1 | 16.6 | 32.1 | -7.1 | -4.5 | 16.2 | -8.0 | -3.7 | 9.5 | -2.9 | 1.2 | -2.5 | -1.6 | -14.6 | -12.7 | -10.6 | -10.3 | Manufacture of furniture |
| 4. | 20.60 | | Produk Petroleum, Kimia, Getah dan Plastik | 5.4 | 6.5 | -2.4 | -2.2 | -0.8 | 4.2 | -1.8 | -2.9 | 0.9 | -0.9 | 13.1 | 0.9 | 2.2 | -3.8 | 4.0 | -3.6 | -2.7 | 8.1 | -6.5 | 6.9 | Petroleum, Chemical, Rubber and Plastic Products |
| | 4.1 | 9.36 | Pembuatan kok dan produk petroleum bertapis | 12.8 | 15.4 | -7.5 | -7.7 | 4.5 | 11.1 | -1.8 | -8.5 | 6.7 | -1.0 | 11.6 | 6.3 | 1.2 | -5.1 | 4.1 | -5.3 | -6.7 | 16.0 | -15.1 | 8.2 | Manufacture of coke and refined petroleum products |
| | 4.2 | 6.37 | Pembuatan kimia dan produk kimia | 4.6 | 4.2 | 7.7 | 5.9 | 6.5 | 4.3 | 4.8 | 7.0 | 4.9 | 4.8 | 9.4 | 4.1 | 7.0 | -1.4 | 7.4 | -3.1 | -4.4 | 3.7 | -2.5 | 5.8 | Manufacture of chemicals and chemical products |
| | 4.3 | 0.38 | Pembuatan produk farmaseutikal asas, kimia perubatan dan botani | 8.6 | 3.4 | -4.7 | -6.7 | 4.9 | 7.0 | 0.2 | -5.1 | 7.2 | 0.0 | 15.7 | 6.1 | 2.2 | 3.3 | 1.3 | 1.2 | 4.1 | 14.1 | -1.4 | 8.0 | Manufacture of basic pharmaceuticals, medicinal chemical and botanical products |
| | 4.4 | 4.49 | Pembuatan produk getah dan plastik | -4.2 | -3.0 | -4.6 | -1.8 | -13.5 | -5.4 | -8.8 | -4.1 | -10.6 | -6.9 | 18.8 | -9.6 | -0.9 | -4.8 | 0.3 | -2.0 | 4.8 | 1.1 | 3.7 | 6.3 | Manufacture of rubber and plastics products |
| 5. | 9.11 | | Produk Mineral Bukan Logam, Logam Asas dan Produk Logam yang Direka | 13.6 | 6.4 | 4.0 | 8.0 | 10.9 | 13.7 | 5.5 | 5.6 | 9.9 | 4.8 | 3.7 | 7.6 | 10.4 | 5.8 | 10.0 | 9.9 | -13.6 | 4.7 | -11.9 | 4.8 | Non-metallic Mineral Products, Basic Metal and Fabricated Metal Products |
| | 5.1 | 2.97 | Pembuatan produk galian bukan logam lain | 16.7 | 10.1 | 3.4 | 8.0 | 13.8 | 18.9 | 2.9 | 4.9 | 12.2 | 3.8 | 1.0 | 9.1 | 16.3 | 1.3 | 16.7 | 5.8 | -20.7 | 6.1 | -21.1 | 8.1 | Manufacture of other non-metallic mineral products |
| | 5.2 | 2.35 | Pembuatan logam asas | 11.4 | 1.3 | 0.4 | 5.6 | 10.8 | 10.5 | 4.9 | 2.8 | 9.4 | 3.1 | 2.8 | 6.8 | 11.5 | 1.3 | 9.4 | 6.6 | -7.0 | 4.7 | -4.1 | 2.7 | Manufacture of basic metals |
| | 5.3 | 3.79 | Pembuatan produk logam yang direka, kecuali mesin dan kelengkapan | 13.0 | 7.3 | 7.2 | 9.6 | 9.0 | 12.3 | 7.8 | 8.0 | 8.4 | 6.7 | 6.3 | 7.1 | 5.3 | 12.8 | 5.5 | 15.3 | -12.0 | 3.6 | -9.3 | 3.8 | Manufacture of fabricated metal products, except machinery and equipment |
| 6. | 18.23 | | Produk Peralatan Elektrik dan Elektronik | 19.6 | 15.5 | -3.5 | -2.0 | 15.7 | 17.4 | -1.5 | -2.4 | 16.2 | -0.2 | 14.7 | 14.3 | 6.4 | 2.4 | 4.3 | 3.9 | 12.2 | 7.2 | 6.6 | 6.2 | Electrical and Electronics Products |
| | 6.1 | 13.89 | Pembuatan komputer, produk elektronik dan optikal | 21.5 | 16.7 | -3.8 | -1.9 | 18.4 | 18.8 | -2.0 | -2.4 | 18.1 | -0.3 | 15.6 | 16.0 | 7.1 | 3.5 | 4.7 | 5.5 | 11.8 | 9.2 | 5.1 | 8.6 | Manufacture of computer, electronics and optical products |
| | 6.2 | 2.20 | Pembuatan kelengkapan elektrik | 10.6 | 9.5 | 0.4 | -0.3 | 9.8 | 10.3 | 0.5 | 0.2 | 12.0 | 0.2 | 12.2 | 9.7 | 1.1 | 9.7 | 0.8 | 8.9 | 7.1 | -0.6 | 8.0 | -0.9 | Manufacture of electrical equipment |
| | 6.3 | 2.14 | Pembuatan jentera dan peralatan t.t.t.l. | 14.6 | 12.9 | -4.8 | -4.9 | 4.3 | 14.5 | -0.1 | -4.5 | 7.7 | -0.5 | 11.6 | 7.0 | 5.6 | -12.3 | 4.7 | -12.4 | 7.2 | 0.8 | 16.7 | -3.7 | Manufacture of machinery and equipment n.e.c. |
| 7. | 5.87 | | Kelengkapan Pengangkutan dan Pembuatan Lain | 55.2 | 21.6 | 3.5 | 2.6 | 26.9 | 46.4 | 1.5 | 4.8 | 23.4 | 4.6 | 1.3 | 18.1 | 9.4 | -2.1 | 4.3 | -2.9 | 2.1 | -5.7 | -3.6 | 2.7 | Transport Equipment and Other Manufactures |
| | 7.1 | 3.17 | Pembuatan kenderaan bermotor, treler dan semi treler | 107.1 | 35.6 | 3.8 | 2.6 | 37.3 | 82.2 | -0.3 | 6.0 | 33.8 | 5.2 | 0.8 | 25.6 | 9.9 | -10.1 | 2.0 | -11.1 | 8.8 | -12.2 | -1.8 | -6.6 | Manufacture of motor vehicles, trailers and semi-trailers |
| | 7.2 | 1.19 | Pembuatan kelengkapan pengangkutan lain | 6.5 | 7.6 | 2.2 | 1.9 | 10.3 | 10.6 | 4.8 | 2.6 | 7.6 | 3.2 | 2.8 | 7.0 | 34.3 | 9.1 | 32.2 | 8.8 | -13.5 | 14.7 | -11.6 | 12.2 | Manufacture of other transport equipment |
| | 7.3 | 0.74 | Pembuatan lain | 21.3 | 3.1 | 0.5 | 0.7 | 15.6 | 20.4 | 3.5 | 0.8 | 12.8 | 2.2 | 2.6 | 9.9 | -10.5 | 22.7 | -11.0 | 22.9 | -3.9 | -3.0 | -2.8 | -5.5 | Other manufacturing |
| | 7.4 | 0.76 | Mbaiki dan pemasangan jentera dan kelengkapan | 16.6 | 13.7 | 5.8 | 5.5 | 13.2 | 16.7 | 5.4 | 5.6 | 12.3 | 5.4 | -0.1 | 10.2 | -1.3 | 1.0 | -1.2 | 0.7 | -2.5 | 1.0 | -2.4 | 1.2 | 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 | Description/Period | | | | | | | | | | | | | | | | |
|--------------|-----------------------------|---------------|-------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|--------------|--------------|--------------|--------------|--------------|------------|------------|------------|------------|------------|------------|-----------------------|-----------------------|-----------------------|---------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| | | | | Jul. 2022 | Aug. 2022 | Sep. 2022 | Jul. 2023 | Aug. 2023 | Sep. 2023 | Q1 2022 | Q2 2022 | Q3 2022 | Q1 2023 | Q2 2023 | Q3 2023 | Jan.- Sep. 2021 | Jan.- Sep. 2022 | Jan.- Sep. 2023 | | |
| 1. | 68.25 | C | PEMBUATAN | 136.9 | 144.5 | 146.1 | 136.6 | 143.6 | 146.7 | 133.2 | 134.8 | 142.5 | 137.7 | 134.9 | 142.3 | 124.8 | 136.8 | 138.3 | MANUFACTURING | |
| | 45.82 | | Industri Berorientasikan Eksport | 144.8 | 151.2 | 151.9 | 140.9 | 147.2 | 148.9 | 134.4 | 139.0 | 149.3 | 138.0 | 136.7 | 145.7 | 130.5 | 140.9 | 140.1 | Export Oriented Industries | |
| | 1.1 | 3.71 | 104 | Pembuatan minyak dan lemak daripada sayuran dan haiwan | 98.6 | 106.6 | 115.0 | 96.4 | 107.5 | 115.4 | 83.1 | 90.8 | 106.7 | 94.5 | 91.4 | 106.4 | 96.5 | 93.5 | 97.4 | Manufacture of vegetable and animal oils and fats |
| | 1.2 | 0.58 | 13 | Pembuatan tekstil | 110.9 | 114.0 | 130.8 | 103.9 | 108.2 | 121.9 | 129.5 | 109.5 | 118.6 | 125.0 | 105.7 | 111.3 | 112.1 | 119.2 | 114.0 | Manufacture of textiles |
| | 1.3 | 0.60 | 14 | Pembuatan pakaian | 100.4 | 111.0 | 123.5 | 108.6 | 115.3 | 129.3 | 137.7 | 100.5 | 111.6 | 141.4 | 109.9 | 117.8 | 111.3 | 116.6 | 123.0 | 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 | 112.8 | 113.1 | 122.1 | 109.0 | 111.8 | 117.5 | 130.3 | 117.9 | 116.0 | 119.0 | 111.9 | 112.8 | 107.5 | 121.4 | 114.6 | 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 | 129.6 | 131.2 | 124.5 | 116.5 | 121.3 | 114.9 | 118.6 | 110.7 | 128.4 | 128.0 | 108.7 | 117.5 | 111.7 | 119.2 | 118.1 | Manufacture of coke and refined petroleum products |
| | 1.6 | 6.37 | 20 | Pembuatan kimia dan produk kimia | 119.6 | 128.0 | 126.2 | 128.4 | 137.9 | 133.6 | 125.7 | 120.1 | 124.6 | 129.2 | 125.9 | 133.3 | 117.7 | 123.5 | 129.5 | Manufacture of chemicals and chemical products |
| | 1.7 | 2.22 | 221 | Pembuatan produk getah | 195.9 | 194.5 | 180.5 | 178.3 | 180.4 | 175.6 | 187.7 | 204.7 | 190.3 | 174.4 | 179.7 | 178.1 | 240.0 | 194.2 | 177.4 | Manufacture of rubber products |
| | 1.8 | 2.26 | 222 | Pembuatan produk plastik | 147.6 | 145.9 | 143.5 | 145.2 | 144.3 | 142.5 | 129.5 | 128.0 | 145.7 | 117.9 | 123.6 | 144.0 | 127.8 | 134.4 | 128.5 | Manufacture of plastics products |
| 2. | 1.9 | 13.89 | 26 | Pembuatan komputer, produk elektronik dan optikal | 176.9 | 189.5 | 196.1 | 174.1 | 182.3 | 192.4 | 153.7 | 171.8 | 187.5 | 160.2 | 168.4 | 182.9 | 144.8 | 171.0 | 170.5 | Manufacture of computer, electronics and optical products |
| | 1.10 | 2.20 | 27 | Pembuatan kelengkapan elektrik | 145.6 | 147.2 | 161.5 | 146.6 | 147.8 | 161.0 | 142.2 | 152.3 | 151.4 | 141.8 | 153.1 | 151.8 | 132.8 | 148.6 | 148.9 | Manufacture of electrical equipment |
| | 1.11 | 2.14 | 28 | Pembuatan jentera dan peralatan t.t.t. | 159.8 | 168.9 | 148.1 | 153.5 | 160.8 | 140.8 | 130.2 | 157.7 | 158.9 | 135.1 | 157.6 | 151.7 | 138.3 | 148.9 | 148.1 | Manufacture of machinery and equipment n.e.c. |
| | 1.12 | 1.04 | 31 | Pembuatan perabot | 114.8 | 111.5 | 112.8 | 110.3 | 107.6 | 105.9 | 151.7 | 129.5 | 113.0 | 134.5 | 120.3 | 107.9 | 113.1 | 131.4 | 120.9 | Manufacture of furniture |
| | 22.44 | | | Industri Berorientasikan Domestik | 120.7 | 130.7 | 134.3 | 127.8 | 136.2 | 142.2 | 130.8 | 126.2 | 128.5 | 137.2 | 131.2 | 135.4 | 113.0 | 128.5 | 134.6 | Domestic Oriented Industries |
| | 2.1 | 3.68 | 10 (kecuali 104) | Pembuatan produk proses makanan | 165.6 | 176.7 | 176.8 | 177.3 | 186.7 | 191.4 | 149.1 | 161.4 | 173.0 | 155.3 | 166.4 | 185.1 | 147.1 | 161.2 | 168.9 | Manufacture of food processing products |
| | 2.2 | 0.65 | 11 | Pembuatan minuman | 132.8 | 137.8 | 142.1 | 135.3 | 138.2 | 143.0 | 125.1 | 137.7 | 137.6 | 123.2 | 140.4 | 138.8 | 113.4 | 133.4 | 134.1 | Manufacture of beverages |
| | 2.3 | 0.52 | 12 | Pembuatan produk tembakau | 67.8 | 69.5 | 77.0 | 79.4 | 77.9 | 86.6 | 127.6 | 104.2 | 71.4 | 147.4 | 125.2 | 81.3 | 71.2 | 101.1 | 118.0 | Manufacture of tobacco products |
| | 2.4 | 0.15 | 15 | Pembuatan produk kulit dan barangan berkaitan | 137.1 | 145.4 | 144.4 | 148.0 | 149.9 | 150.9 | 143.1 | 151.6 | 142.3 | 153.9 | 165.9 | 149.6 | 113.7 | 145.7 | 156.5 | Manufacture of leather and related products |
| | 2.5 | 1.15 | 17 | Pembuatan kertas dan produk kertas | 139.9 | 145.6 | 162.6 | 142.3 | 150.4 | 168.2 | 142.0 | 132.5 | 149.4 | 147.3 | 136.9 | 153.6 | 128.7 | 141.3 | 145.9 | Manufacture of paper and paper products |
| 2.6 | 0.93 | 18 | Percetakan dan penerbitan semula media rakaman | 108.9 | 119.8 | 127.3 | 117.8 | 131.7 | 138.6 | 121.7 | 119.7 | 118.7 | 126.2 | 127.6 | 129.4 | 112.0 | 120.0 | 127.7 | Printing and reproduction of recorded media | |
| 2.7 | 0.38 | 21 | Pembuatan produk farmaseutikal asas, kimia perubatan dan botani | 180.8 | 184.9 | 191.1 | 174.0 | 176.2 | 178.3 | 156.2 | 162.7 | 185.6 | 165.3 | 163.1 | 176.1 | 156.9 | 168.2 | 168.2 | Manufacture of basic pharmaceuticals, medicinal chemical and botanical products | |
| 2.8 | 2.97 | 23 | Pembuatan produk galian bukan logam lain | 94.0 | 109.3 | 110.7 | 96.8 | 113.0 | 119.5 | 124.4 | 98.7 | 104.6 | 128.8 | 101.5 | 109.8 | 97.3 | 109.2 | 113.4 | Manufacture of other non-metallic mineral products | |
| 2.9 | 2.35 | 24 | Pembuatan logam asas | 111.6 | 124.5 | 126.1 | 114.2 | 125.0 | 133.2 | 123.9 | 115.3 | 120.7 | 126.0 | 120.9 | 124.1 | 109.6 | 120.0 | 123.7 | Manufacture of basic metals | |
| 2.10 | 3.79 | 25 | Pembuatan produk logam yang direka, kecuali mesin dan kelengkapan | 101.6 | 107.0 | 120.7 | 108.6 | 114.7 | 132.2 | 120.3 | 105.9 | 109.7 | 125.8 | 114.1 | 118.5 | 103.3 | 112.0 | 119.5 | Manufacture of fabricated metal products, except machinery and equipment | |
| 2.11 | 3.17 | 29 | Pembuatan kenderaan bermotor, treler dan semi treler | 131.1 | 144.1 | 129.5 | 146.6 | 149.6 | 132.9 | 141.2 | 153.7 | 134.9 | 156.0 | 153.2 | 143.0 | 107.0 | 143.3 | 150.7 | Manufacture of motor vehicles, trailers and semi-trailers | |
| 2.12 | 1.19 | 30 | Pembuatan kelengkapan pengangkutan lain | 83.8 | 112.6 | 122.8 | 87.1 | 115.1 | 125.2 | 107.3 | 92.8 | 106.4 | 110.1 | 97.3 | 109.1 | 95.0 | 102.2 | 105.5 | Manufacture of other transport equipment | |
| 2.13 | 0.74 | 32 | Pembuatan lain | 112.0 | 100.2 | 122.9 | 113.2 | 100.7 | 123.8 | 119.9 | 115.2 | 111.7 | 122.6 | 119.1 | 112.5 | 102.5 | 115.6 | 118.1 | Other manufacturing | |
| 1.13 | 0.76 | 33 | Membalik dan pemasangan jentera dan kelengkapan | 130.2 | 128.4 | 129.7 | 137.4 | 135.8 | 136.8 | 131.4 | 128.1 | 129.4 | 138.4 | 135.1 | 136.7 | 115.5 | 129.7 | 136.7 | 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/ Kod/ Weights Codes 2015 | 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 |
|--------------|----------------------------------------------|-------------------|------------------------------------------------------------------------------------------------------------------|--------------|--------------|--------------|------------|------------|------------|------------|------------|------------|------------|------------|------------------------------------------------------|--------------|---------------|--------------|------------|------------|------------|-----------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------|------------|--|-----------------------------------------------------------------------|--|--|--|--|--------------------|
| | | | Aug. 2022 | Sep. 2022 | Aug. 2023 | Sep. 2023 | Q2 2022 | Q3 2022 | Q2 2023 | Q3 2023 | Q1 2022 | Q2 2022 | Q3 2022 | Q4 2022 | Jan.- 2022 | Sep. 2022 | Jan.- 2023 | Sep. 2023 | Q1 2022 | Q2 2022 | Q3 2022 | Q4 2022 | Q1 2023 | Q2 2023 | Q3 2023 | | | | | | | |
| 1. | 68.25 | C | PEMBUATAN | 15.2 | 10.4 | -0.6 | 0.4 | 9.3 | 13.4 | 0.1 | -0.1 | 0.1 | -0.1 | 9.7 | 1.1 | 5.6 | 1.1 | 5.1 | 2.2 | 1.2 | 5.7 | -2.1 | 5.5 | MANUFACTURING | | | | | | | | |
| | 45.82 | | Industri Berorientasikan Eksport | 12.4 | 10.1 | -2.6 | -2.0 | 6.7 | 10.6 | -1.6 | -2.4 | -2.4 | 8.0 | -0.6 | 4.4 | 0.4 | 4.5 | 1.1 | 3.4 | 7.4 | -0.9 | 6.6 | Export Oriented Industries | | | | | | | | | |
| 1.1 | 3.71 | 1.04 | Pembuatan minyak dan lemak daripada sayuran dan haiwan | 5.0 | -2.7 | 0.9 | 0.4 | -9.2 | -0.1 | 0.7 | -0.3 | -3.1 | 4.2 | 8.1 | 7.8 | 11.6 | 7.3 | 9.2 | 17.6 | -3.3 | 16.4 | Manufacture of vegetable and animal oils and fats | | | | | | | | | | |
| 1.2 | 0.58 | 1.3 | Pembuatan tekstil | 9.7 | 5.5 | -5.1 | -6.8 | 3.8 | 8.4 | -3.5 | -6.1 | 6.3 | -4.3 | 2.8 | 14.7 | 4.1 | 12.6 | -15.4 | 8.3 | -15.4 | 5.4 | Manufacture of textiles | | | | | | | | | | |
| 1.3 | 0.60 | 1.4 | Pembuatan pakaian | 2.5 | 0.4 | 3.9 | 4.7 | 6.4 | 3.8 | 9.4 | 5.5 | 4.7 | 5.5 | 10.5 | 11.3 | 6.2 | 12.1 | -27.1 | 11.1 | -22.3 | 7.1 | Manufacture of wearing apparel | | | | | | | | | | |
| 1.4 | 1.44 | 1.6 | Pembuatan kayu dan produk kayu dan gabus; kecuali perabot; pembuatan bagi artikel jerami dan bahan-bahan anyaman | 13.1 | 7.3 | -1.2 | -3.8 | 11.5 | 18.8 | -5.1 | -2.8 | 12.9 | -5.6 | 0.3 | 8.0 | 2.5 | 5.1 | -9.5 | -1.6 | -6.0 | 0.7 | Manufacture of wood and products of wood and cork except furniture; manufacture of articles of straw and plaiting materials | | | | | | | | | | |
| 1.5 | 9.36 | 1.9 | Pembuatan kok dan produk petroleum bertapis | 12.8 | 15.4 | -7.5 | -7.7 | 4.5 | 11.1 | -1.8 | -8.5 | 6.7 | -1.0 | 1.2 | -5.1 | 4.1 | -5.3 | -6.7 | 16.0 | -15.1 | 8.2 | Manufacture of coke and refined petroleum products | | | | | | | | | | |
| 1.6 | 6.37 | 2.0 | Pembuatan kimia dan produk kimia | 4.6 | 4.2 | 7.7 | 5.9 | 6.5 | 4.3 | 4.8 | 7.0 | 4.9 | 4.8 | 7.0 | -1.4 | 7.4 | -3.1 | -4.4 | 3.7 | -2.5 | 5.8 | Manufacture of chemicals and chemical products | | | | | | | | | | |
| 1.7 | 2.22 | 2.21 | Pembuatan produk getah | -10.6 | -8.6 | -7.3 | -2.7 | -22.0 | -12.5 | -12.2 | -6.4 | -19.1 | -8.7 | -0.7 | 1.2 | -2.7 | 9.1 | -7.0 | 3.0 | -0.9 | | Manufacture of rubber products | | | | | | | | | | |
| 1.8 | 2.26 | 2.22 | Pembuatan produk plastik | 5.6 | 4.9 | -1.1 | -0.7 | 4.5 | 5.5 | -3.4 | -1.1 | 5.2 | -4.4 | -1.1 | -1.6 | -0.7 | -1.2 | -1.2 | 13.8 | 4.8 | 16.5 | Manufacture of plastics products | | | | | | | | | | |
| 1.9 | 13.89 | 2.6 | Pembuatan komputer, produk elektronik dan optikal | 21.5 | 16.7 | -3.8 | -1.9 | 18.4 | 18.8 | -2.0 | -2.4 | 18.1 | -0.3 | 7.1 | 3.5 | 4.7 | 5.5 | 11.8 | 9.2 | 5.1 | 8.6 | Manufacture of computer, electronics and optical products | | | | | | | | | | |
| 1.10 | 2.20 | 2.7 | Pembuatan kelengkapan elektrik | 10.6 | 9.5 | 0.4 | -0.3 | 9.8 | 10.3 | 0.5 | 0.2 | 12.0 | 0.2 | 1.1 | 9.7 | 0.8 | 8.9 | 7.1 | -0.6 | 8.0 | -0.9 | Manufacture of electrical equipment | | | | | | | | | | |
| 1.11 | 2.14 | 2.8 | Pembuatan jentera dan peralatan t.t.t.l. | 14.6 | 12.9 | -4.8 | -4.9 | 4.3 | 14.5 | -0.1 | -4.5 | 7.7 | -0.5 | 5.6 | -12.3 | 4.7 | -12.4 | 21.2 | 0.8 | 16.7 | -3.7 | Manufacture of machinery and equipment n.e.c. | | | | | | | | | | |
| 1.12 | 1.04 | 3.1 | Pembuatan perabot | 40.9 | 10.5 | -3.5 | -6.1 | 16.6 | 32.1 | -7.1 | -4.5 | 16.2 | -8.0 | -2.9 | 1.2 | -2.5 | -1.6 | -14.6 | -12.7 | -10.6 | -10.3 | Manufacture of furniture | | | | | | | | | | |
| 2. | 22.44 | | Industri Berorientasikan Domestik | 22.5 | 11.2 | 4.2 | 5.9 | 15.6 | 20.6 | 3.9 | 5.3 | 13.7 | 4.7 | 8.3 | 2.7 | 6.5 | 4.4 | -3.5 | 1.8 | -4.4 | 3.2 | Domestic Oriented Industries | | | | | | | | | | |
| 2.1 | 3.68 | 10 | (Kecuali 104) | 9.2 | 8.4 | 5.7 | 8.2 | 10.5 | 9.2 | 3.1 | 7.0 | 9.5 | 4.8 | 6.7 | 0.1 | 5.3 | 2.5 | 8.2 | 7.2 | 7.1 | 11.2 | Manufacture of food processing products | | | | | | | | | | |
| 2.2 | 0.65 | 11 | Pembuatan minuman | 14.9 | 11.8 | 0.2 | 0.6 | 22.5 | 23.2 | 2.0 | 0.9 | 17.6 | 0.5 | 3.8 | 3.1 | 2.1 | 3.5 | 10.0 | -0.1 | 14.0 | -1.1 | Manufacture of beverages | | | | | | | | | | |
| 2.3 | 0.52 | 12 | Pembuatan produk tembaku | 2813.6 | 30.0 | 12.1 | 12.5 | 49.8 | 234.5 | 20.2 | 13.9 | 42.1 | 16.7 | 2.5 | 10.9 | -2.0 | 11.2 | -18.4 | -31.5 | -15.0 | -35.1 | Manufacture of tobacco products | | | | | | | | | | |
| 2.4 | 0.15 | 15 | Pembuatan produk kulit dan barangan berkaitan | 90.7 | 66.4 | 3.2 | 4.5 | 21.6 | 85.6 | 9.5 | 5.2 | 28.1 | 7.4 | 6.0 | -0.6 | 1.3 | 0.7 | 5.9 | -6.1 | 7.8 | -9.8 | Manufacture of leather and related products | | | | | | | | | | |
| 2.5 | 1.15 | 17 | Pembuatan kertas dan produk kertas | 12.2 | 9.9 | 3.3 | 3.4 | 8.7 | 11.9 | 3.3 | 2.8 | 9.8 | 3.3 | 4.1 | 11.6 | 5.7 | 11.8 | -6.7 | 12.7 | -7.0 | 12.2 | Manufacture of paper and paper products | | | | | | | | | | |
| 2.6 | 0.93 | 18 | Percetakan dan penerbitan semula media rakaman | 8.4 | 7.2 | 9.9 | 8.9 | 11.7 | 8.5 | 6.6 | 9.0 | 7.2 | 6.4 | 10.1 | 6.2 | 11.7 | 5.2 | -1.6 | -0.9 | 1.1 | 1.4 | Printing and reproduction of recorded media | | | | | | | | | | |
| 2.7 | 0.38 | 21 | Pembuatan produk farmaseutikal asas, kimia perubatan dan botani | 8.6 | 3.4 | -4.7 | -6.7 | 4.9 | 7.0 | 0.2 | -5.1 | 7.2 | 0.0 | 2.2 | 3.3 | 1.3 | 1.2 | 4.1 | 14.1 | -1.4 | 8.0 | Manufacture of basic pharmaceuticals, medicinal chemical and botanical products | | | | | | | | | | |
| 2.8 | 2.97 | 23 | Pembuatan produk galian bukan logam lain | 16.7 | 10.1 | 3.4 | 8.0 | 13.8 | 18.9 | 2.9 | 4.9 | 12.2 | 3.8 | 16.3 | 1.3 | 16.7 | 5.8 | -20.7 | 6.1 | -21.1 | 8.1 | Manufacture of other non-metallic mineral products | | | | | | | | | | |
| 2.9 | 2.35 | 24 | Pembuatan logam asas | 11.4 | 1.3 | 0.4 | 5.6 | 10.8 | 10.5 | 4.9 | 2.8 | 9.4 | 3.1 | 11.5 | 1.3 | 9.4 | 6.6 | -7.0 | 4.7 | -4.1 | 2.7 | Manufacture of basic metals | | | | | | | | | | |
| 2.10 | 3.79 | 25 | Pembuatan produk logam yang direka, kecuali mesin dan kelengkapan | 13.0 | 7.3 | 7.2 | 9.6 | 9.0 | 12.3 | 7.8 | 8.0 | 8.4 | 6.7 | 5.3 | 12.8 | 5.5 | 15.3 | -12.0 | 3.6 | -9.3 | 3.8 | Manufacture of fabricated metal products, except machinery and equipment | | | | | | | | | | |
| 2.11 | 3.17 | 29 | Pembuatan kenderaan bermotor, treler dan semi treler | 107.1 | 35.6 | 3.8 | 2.6 | 37.3 | 82.2 | -0.3 | 6.0 | 33.8 | 5.2 | 9.9 | -10.1 | 2.0 | -11.1 | 8.8 | -12.2 | -1.8 | -6.6 | Manufacture of motor vehicles, trailers and semi-trailers | | | | | | | | | | |
| 2.12 | 1.19 | 30 | Pembuatan kelengkapan pengangkutan lain | 6.5 | 7.6 | 2.2 | 1.9 | 10.3 | 10.6 | 4.8 | 2.6 | 7.6 | 3.2 | 34.3 | 9.1 | 32.2 | 8.8 | -15.5 | 14.7 | -11.6 | 12.2 | Manufacture of other transport equipment | | | | | | | | | | |
| 2.13 | 0.74 | 32 | Pembuatan lain | 21.3 | 3.1 | 0.5 | 0.7 | 15.6 | 20.4 | 3.5 | 0.8 | 12.8 | 2.2 | -10.5 | 22.7 | -11.0 | 22.9 | -3.9 | -3.0 | -2.8 | -5.5 | Other manufacturing | | | | | | | | | | |
| 1.13 | 0.76 | 33 | Membaiki dan pemasangan jentera dan kelengkapan | 16.6 | 13.7 | 5.8 | 5.5 | 13.2 | 16.7 | 5.4 | 5.6 | 12.3 | 5.4 | -1.3 | 1.0 | -1.2 | 0.7 | -2.5 | 1.0 | -2.4 | 1.2 | 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.

INDEKS PENGELUARAN PERINDUSTRIAN MALAYSIA (2015=100)

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 threshold nilai eksport melebihi 50 peratus daripada nilai jualan di peringkat agregat MSIC 3-digit dan 2-digit manakala industri dengan nilai eksport di bawah threshold 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:

- mengira relatif produk berdasarkan data pengeluaran;
- mengira indeks industri berdasarkan purata aritmetik berwajaran relatif kuantiti; dan
- mengira indeks untuk kumpulan dan sektor berdasarkan kepada indeks industri yang berkenaan.

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

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

Di mana:

I_i ialah indeks untuk item 'i'

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

W_i ialah wajaran tahun asas bagi item 'i'

INDEKS PENGELUARAN PERINDUSTRIAN MALAYSIA (2015=100)

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 melaraskan 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 menganggarkan 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.

INDEKS PENGELUARAN PERINDUSTRIAN MALAYSIA (2015=100)

- 14. Pindaan** Pindaan akan dibuat ke atas angka yang telah diterbitkan berdasarkan data terkini yang diperoleh.
- 15. 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 Electricity 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



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 <i>Manufacture of crude palm oil</i> |
| | 10402 | Pembuatan minyak sawit bertapis <i>Manufacture of refined palm oil</i> |
| | 10403 | Pembuatan minyak isirong <i>Manufacture of palm kernel oil</i> |
| | 10404 | Pembuatan minyak sayuran mentah dan bertapis <i>Manufacture of crude and refined vegetable oil</i> |
| | 10406 | Pembuatan sebatian lemak masakan <i>Manufacture of compound cooking fats</i> |
| | 105 | 10501 |
| 10502 | | Pembuatan susu pekat, tepung dan sejat <i>Manufacture of condensed, powdered and evaporated milk</i> |
| 106 | 10611 | Pengilangan beras <i>Rice milling</i> |
| | 10613 | Pengilangan tepung <i>Flour milling</i> |
| 107 | 10711 | Pembuatan biskut dan cookies <i>Manufacture of biscuits and cookies</i> |
| | 10712 | Pembuatan roti, kek dan produk bakeri lain <i>Manufacture of bread, cakes and other bakery products</i> |
| | 10713 | Pembuatan produk snek <i>Manufacture of snack products</i> |
| | 10721 | Pembuatan gula <i>Manufacture of sugar</i> |
| | 10731 | Pembuatan produk koko <i>Manufacture of cocoa products</i> |
| | 10732 | Pembuatan coklat dan produk coklat <i>Manufacture of chocolate and chocolate products</i> |
| | 10733 | Pembuatan konfeksi gula <i>Manufacture of sugar confectionery</i> |
| | 10741 | Pembuatan bihun, mi dan produk lain yang berkaitan <i>Manufacture of meehoon, noodles and other related product</i> |
| | 10750 | Pembuatan makanan dan hidangan tersedia <i>Manufacture of prepared meals and dishes</i> |
| | 10791 | Pembuatan kopi <i>Manufacture of coffee</i> |
| 10793 | Pembuatan sos dan bahan perasa <i>Manufacture of sauces and condiments</i> | |

LAMPIRAN APPENDIX

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

LAMPIRAN

APPENDIX

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

LAMPIRAN APPENDIX

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

LAMPIRAN

APPENDIX

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

LAMPIRAN APPENDIX

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

LAMPIRAN

APPENDIX

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