



JABATAN PERDANA MENTERI
JABATAN PERANGKAAN MALAYSIA

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INDEKS HARGA PENGELUAR PENGELUARAN TEMPATAN

PRODUCER PRICE INDEX
LOCAL PRODUCTION

(2010 = 100)



2022
JULAI
JULY

JABATAN PERANGKAAN MALAYSIA
DEPARTMENT OF STATISTICS MALAYSIA



JABATAN PERDANA MENTERI
JABATAN PERANGKAAN MALAYSIA

INDEKS HARGA PENGELUAR

Pengeluaran Tempatan

PRODUCER PRICE INDEX

Local Production

(2010=100)

JULAI
JULY **2022**

Pemakluman

Jabatan Perangkaan Malaysia (DOSM) sedang menjalankan Survei Pendapatan, Perbelanjaan Isi Rumah dan Kemudahan Asas (HIES/BA) 2022 bermula dari 1 Januari 2022 sehingga 31 Disember 2022 dan Survei Ekonomi Tahunan (AES) 2022 bermula dari 15 April 2022 sehingga 30 September 2022. DOSM amat menghargai kerjasama daripada responden yang terpilih untuk memberikan maklumat kepada DOSM serta menjayakan survei ini. Sila layari www.dosm.gov.my untuk maklumat lanjut.

Penerbitan statistik ekonomi dan sosial iaitu PocketStats yang mengandungi statistik suku tahunan dan tahunan boleh diperoleh dari portal DOSM atau melalui pautan https://bit.ly/PocketStatsS1_2022.

Dimaklumkan bahawa Kerajaan Malaysia telah mengisytiharkan Hari Statistik Negara (MyStats Day) pada 20 Oktober setiap tahun, Tema sambutan MyStats Day adalah "Connecting the World with Data We Can Trust".

Announcement

The Department of Statistics Malaysia (DOSM) is conducting the Household Income, Expenditure and Basic Amenities Survey (HIES/BA) from 1st January 2022 until 31st December 2022 and the Annual Economic Survey (AES) 2022 from 15th April until 30th September 2022. DOSM greatly appreciates the cooperation given by selected respondents by sharing their information with DOSM and making the survey a success. Please visit www.dosm.gov.my for more information.

Economic and social statistics publications namely PocketStats which contain quarterly and annual statistics can be obtained from the DOSM portal or via the link https://bit.ly/PocketStatsQ1_2022.

Please be informed that the Government of Malaysia has declared National Statistics Day (MyStats Day) on October 20 each year. MyStats Day theme is "Connecting the World with Data We Can Trust".

Dikeluarkan pada : **29** Ogos **2022**
Released on : August

JABATAN PERANGKAAN MALAYSIA
DEPARTMENT OF STATISTICS MALAYSIA

MALAYSIA

ISSN 2180 - 1428

KATA PENGANTAR

Penerbitan Indeks Harga Pengeluar (IHPR) Pengeluaran Tempatan merupakan penerbitan bulanan yang memaparkan statistik meliputi lima sektor utama iaitu Pertanian, perhutanan dan perikanan; Perlombongan; Pembuatan; Bekalan elektrik dan gas; dan Bekalan air. IHPR Pengeluaran Tempatan disusun berdasarkan data Survei Harga Pengeluar yang dilaksanakan pada setiap bulan.

IHPR telah disusun buat kali pertama dengan menggunakan tahun 1972 sebagai tahun asas (1972=100), seterusnya diasaskan semula kepada tahun 1978, 1989, 2000, 2005 dan 2010. Bermula bulan rujukan Januari 2018, IHPR masih mengekalkan 2010 sebagai “tempoh rujukan indeks” dengan 2015 sebagai “tempoh rujukan wajaran”

Objektif utama IHPR adalah untuk mengukur purata perubahan harga komoditi yang dikenakan oleh pengeluar tempatan dalam sesuatu industri.

Ringkasan penemuan dan jadual terperinci indeks dipaparkan pada bahagian pertama dan kedua penerbitan. Seterusnya, nota teknikal berkaitan dengan skop dan liputan, konsep dan definisi serta kaedah pengiraan yang digunakan turut dimuatkan di bahagian terakhir dalam penerbitan bagi memudahkan pengguna memahami statistik yang diterbitkan.

Jabatan Perangkaan Malaysia merakamkan penghargaan atas kerjasama semua pihak dalam membekalkan data yang diperlukan dan menyumbang kepada kejayaan penerbitan ini. Sebarang cadangan dan pandangan untuk penambahbaikan penerbitan ini pada masa hadapan amatlah dihargai.

DATO' SRI DR. MOHD UZIR MAHIDIN

Ketua Perangkawan Malaysia

Ogos 2022

PREFACE

The publication of Producer Price Index (PPI) Local Production is a monthly publication that presents statistics covering five main sectors namely Agriculture, forestry and fishing; Mining; Manufacturing; Electricity and gas supply; and Water supply. PPI is compiled based on the data from the Producer Price Survey which is conducted on a monthly basis.

The PPI was compiled for the first time using 1972 as the base year (1972=100), subsequently it has been rebased to 1978, 1989, 2000, 2005 and 2010. Commencing in reference month of January 2018, the compilation of PPI maintained 2010 as the “index reference period” with 2015 as “weight reference period”.

The main objective of PPI is to measures the average changes in price of commodities charged by domestic producers of an industry.

The summary of findings and the detailed index tables are presented in the first and second part of this publication. Additionally, the technical notes related to the scope and coverage, concepts and definitions and the calculation methods used are also included in the final part of this publication to facilitate users to understand the published statistics.

The Department of Statistics, Malaysia gratefully acknowledges the cooperation of all parties that have provided the required data and contributed to the success of this publication. All comments and suggestion towards improving this publication in the future are greatly appreciated.

DATO' SRI DR. MOHD UZIR MAHIDIN

Chief Statistician Malaysia

August 2022

KALENDAR AWALAN KELUARAN 2022
INDEKS HARGA PENGELUAR PENGELUARAN TEMPATAN

ADVANCE RELEASE CALENDAR 2022
PRODUCER PRICE INDEX LOCAL PRODUCTION

BULAN RUJUKAN/ REFERENCE MONTH	TARIKH/ DATE
Januari 2022/ January 2022	28.02.2022
Februari 2022/ February 2022	29.03.2022
Mac 2022/ March 2022	28.04.2022
April 2022	31.05.2022
Mei 2022/ May 2022	28.06.2022
Jun 2022/ June 2022	27.07.2022
Julai 2022/ July 2022	29.08.2022
Ogos 2022/ August 2022	29.09.2022
September 2022	28.10.2022
Oktober 2022/ October 2022	30.11.2022
November 2022	29.12.2022
Disember 2022/ December 2022	30.01.2023

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RINGKASAN
PENEMUAN
*SUMMARY OF
FINDINGS*

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INDEKS HARGA PENGELUAR (IHPR) PENGELUARAN TEMPATAN, JULAI 2022

7.6%

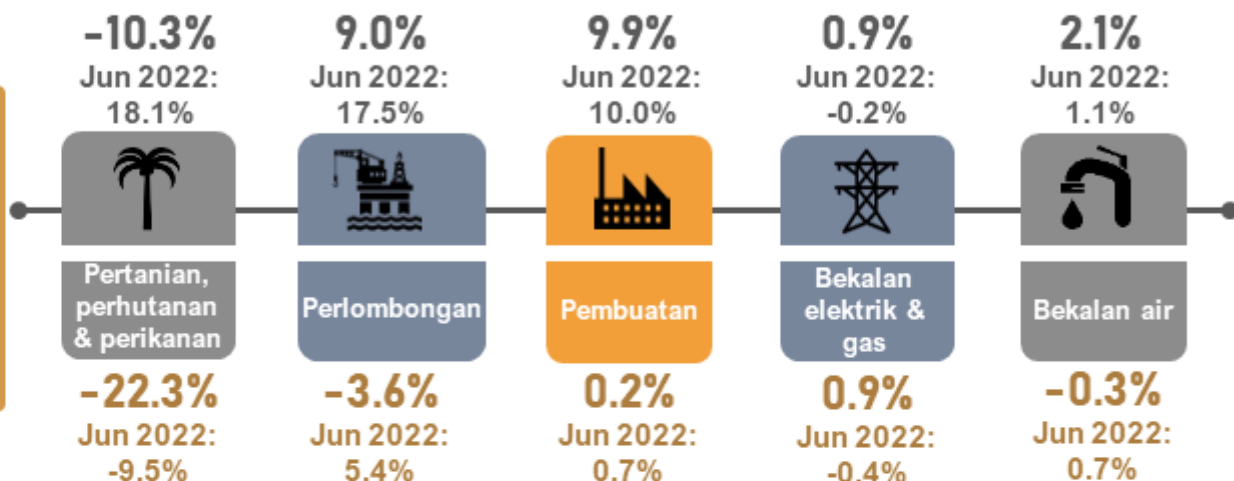
Jun 2022: 10.9%
tahun ke tahun

Indeks Harga Pengeluar Malaysia
menyederhana untuk mencatatkan
7.6 peratus pada Julai 2022

-2.3%

Jun 2022: -0.1%
bulan ke bulan

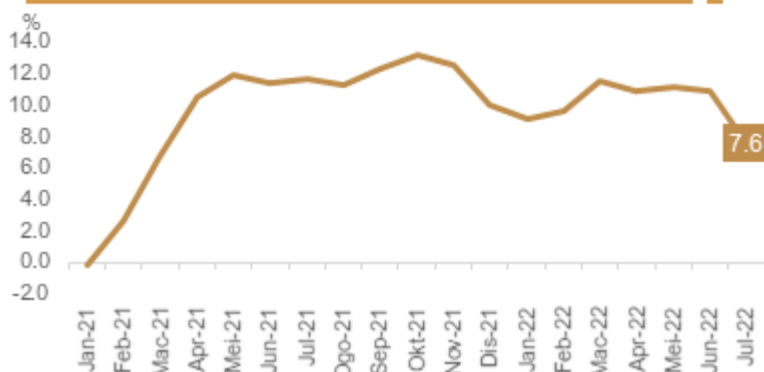
IHPR MENGIKUT SEKTOR



IHPR BAGI NEGARA TERPILIH

	Julai 2022	Jun 2022
Amerika Syarikat	9.8%	11.3%
United Kingdom	17.1%	16.5%
P.R. China	4.2%	6.1%
Thailand	12.2%	13.8%
Jepun	8.6%	9.4%
Republik Korea	9.2%	10.0%

IHPR JAN 2021 – JUL 2022





PRODUCER PRICE INDEX (PPI) LOCAL PRODUCTION, JULY 2022

7.6%

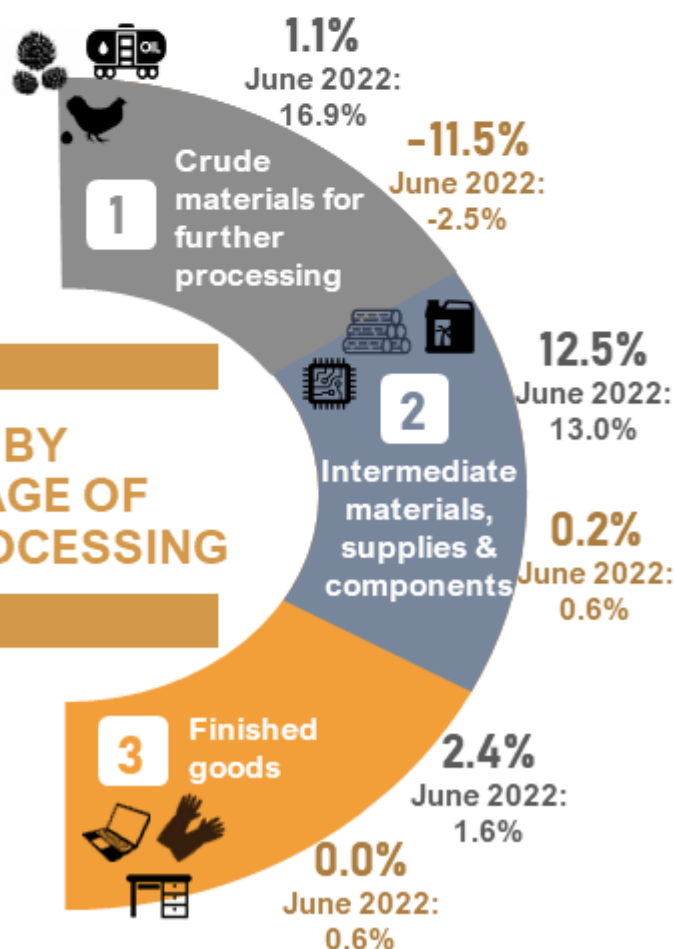
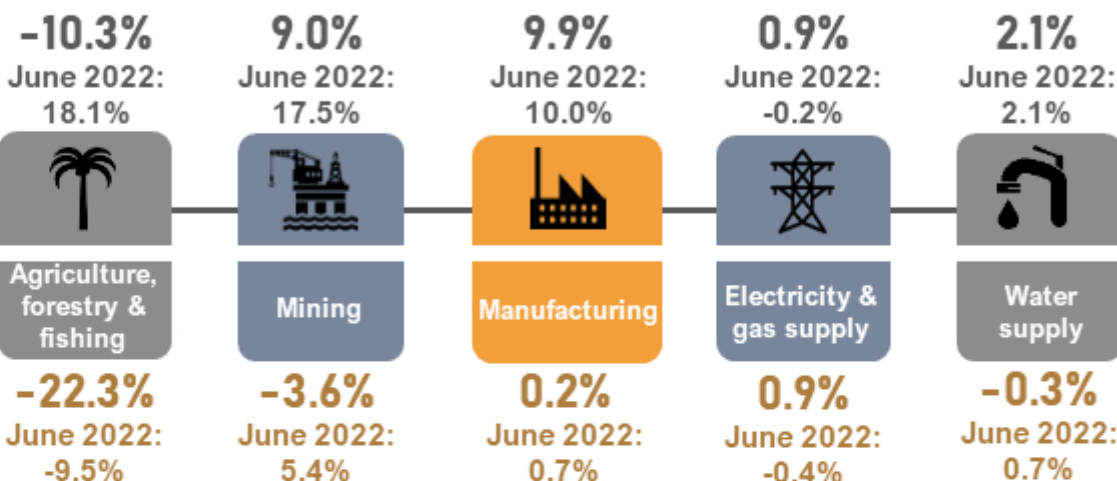
June 2022: 10.9%
year-on-year

Malaysia's Producer Price Index eased to
record 7.6 per cent in July 2022

-2.3%

June 2022: -0.1%
month-on-month

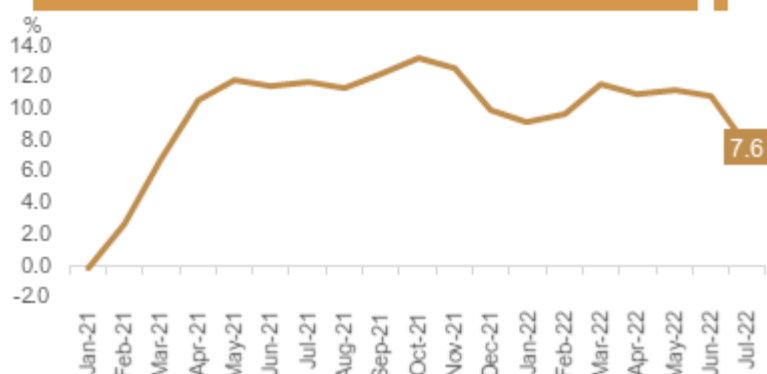
PPI BY SECTOR



PPI OF OTHER COUNTRIES

	July 2022	June 2022
United States of America	9.8%	11.3%
United Kingdom	17.1%	16.4%
P.R. China	4.2%	6.1%
Thailand	12.2%	13.8%
Japan	8.6%	9.4%
Republic of Korea	9.2%	10.0%

PPI JAN 2021 – JULY 2022



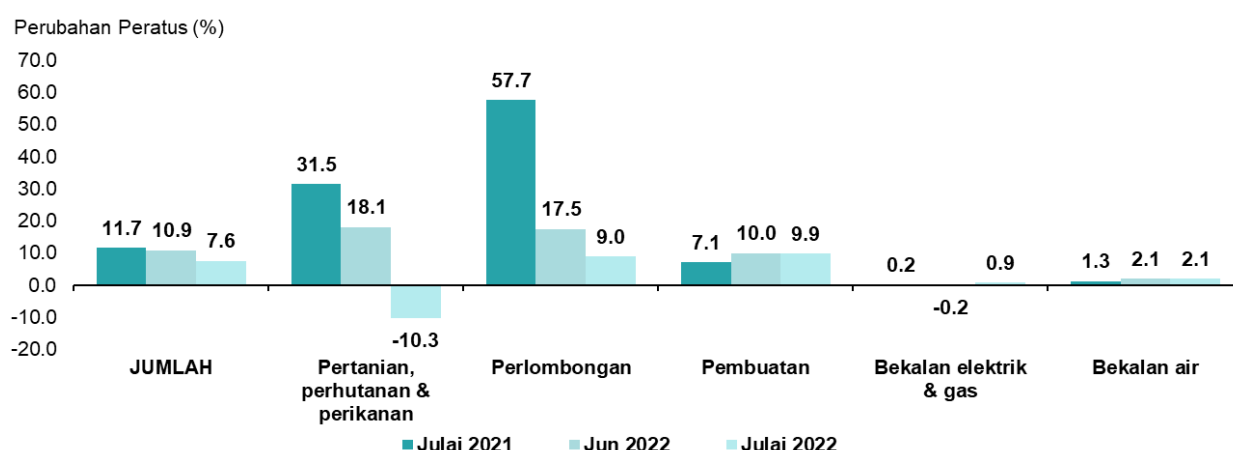
INDEKS HARGA PENGELUAR (IHPR) PENGELUARAN TEMPATAN JULAI 2022

IHPR PENGELUARAN TEMPATAN MENGIKUT SEKTOR

Perubahan Tahun ke Tahun

Kenaikan Indeks Harga Pengeluar Malaysia yang mengukur harga barangan di pintu kilang menyederhana untuk mencatatkan 7.6 peratus pada Julai 2022 berbanding 10.9 peratus direkodkan pada Jun 2022. Peningkatan ini disumbangkan oleh indeks Pembuatan dengan 9.9 peratus (Jun 2022: 10.0%), disokong oleh kenaikan dalam indeks subsektor Pembuatan produk petroleum bertapis (23.3%), Pembuatan minyak & lemak daripada sayuran & haiwan (18.5%) dan Pembuatan kimia asas, baja & sebatian nitrogen, plastik & getah sintetik dalam bentuk primer (11.4%). Ini diikuti oleh indeks Perlombongan yang meningkat 9.0 peratus, lebih rendah berbanding 17.5 peratus direkodkan pada Jun 2022. Sementara itu, indeks Pertanian, perhutanan & perikanan merekodkan penurunan negatif 10.3 peratus pada Julai 2022 (Jun 2022: 18.1%). Ini merupakan kejatuhan kali pertama bagi indeks ini sejak September 2019 (-1.1%) berikutan kejatuhan bagi indeks Penanaman tanaman kekal (-18.5%). Pada masa yang sama, indeks Bekalan air dan Bekalan elektrik & gas masing-masing mencatatkan kenaikan 2.1 peratus dan 0.9 peratus pada Julai 2022.

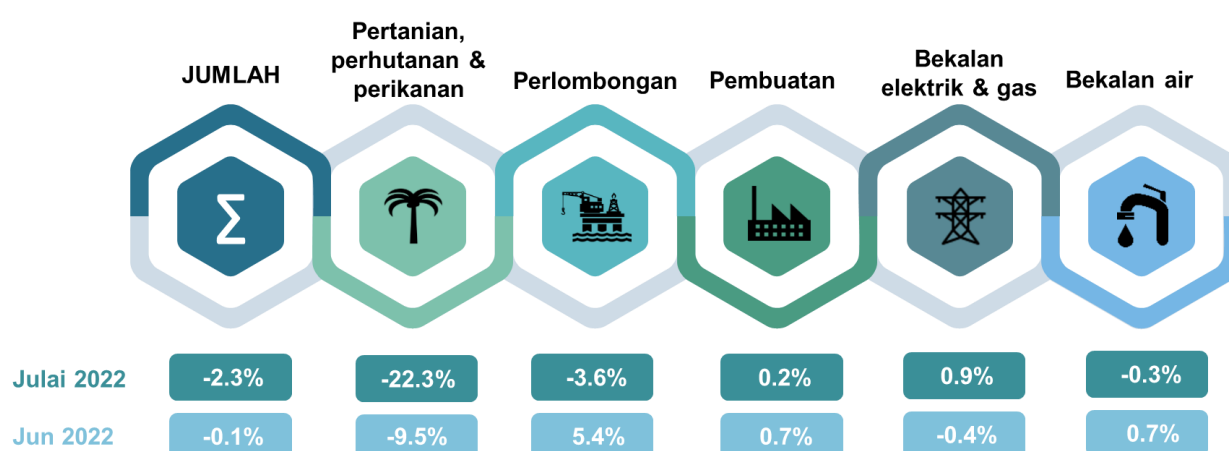
Carta 1: IHPR Pengeluaran Tempatan mengikut Sektor, Malaysia (Tahun ke Tahun)



Perubahan Bulan ke Bulan

Dari segi perbandingan bulan ke bulan, IHPR pengeluaran tempatan mencatatkan penurunan selama dua bulan berturut-turut untuk mencatatkan negatif 2.3 peratus pada Julai 2022 (Jun 2022: -0.1%). Penurunan ini disumbangkan terutamanya oleh indeks Pertanian, perhutanan & perikanan yang merekodkan kejatuhan dua digit dengan negatif 22.3 peratus (Jun 2022: -9.5%). Selain itu, indeks Perlombongan turut menurun negatif 3.6 peratus (Jun 2022: 5.4%). Sementara itu, indeks Pembuatan meningkat 0.2 peratus (Jun 2022: 0.7%). Bagi indeks utiliti, indeks Bekalan elektrik & gas naik 0.9 peratus, manakala, indeks Bekalan air turun negatif 0.3 peratus

Paparan 1: IHPR Pengeluaran Tempatan mengikut Sektor, Malaysia (Bulan ke Bulan)



IHPR Pengeluaran Tempatan, Januari hingga Julai 2022

IHPR pengeluaran tempatan bagi tempoh Januari hingga Julai 2022 mencatatkan peningkatan 10.2 peratus berbanding 7.7 peratus yang direkodkan pada tempoh yang sama tahun sebelumnya. Peningkatan ini disumbangkan oleh indeks Perlombongan (21.1%), Pertanian, perhutanan & perikanan (14.1%), Pembuatan (9.1%), Bekalan air (1.5%) dan Bekalan elektrik & gas (0.3%).
[Jadual 1]

Jadual 1: Indeks Purata dan Perubahan Peratus IHPR Pengeluaran Tempatan mengikut Sektor, Malaysia

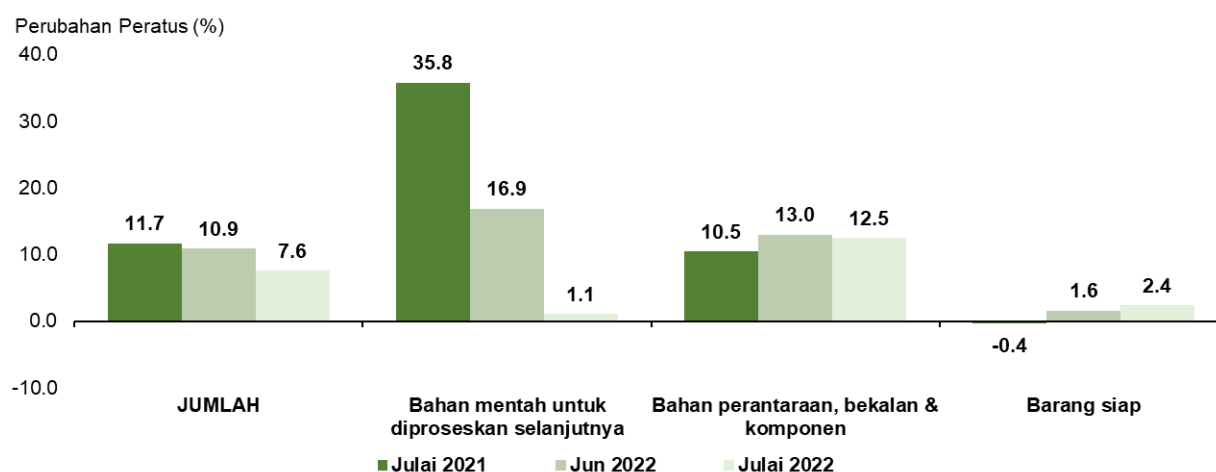
Sektor	Wajaran	Indeks		Perubahan Peratus (%)
		Jan – Jul 2021	Jan – Jul 2022	
Jumlah	100.00	110.3	121.5	10.2
Pertanian, perhutanan & perikanan	6.73	141.2	161.1	14.1
Perlombongan	7.93	87.3	105.7	21.1
Pembuatan	81.57	109.9	119.9	9.1
Bekalan elektrik & gas	3.44	116.7	117.1	0.3
Bekalan air	0.33	112.2	113.9	1.5

IHPR PENGELUARAN TEMPATAN MENGIKUT PERINGKAT PEMROSESAN

Perubahan Tahun ke Tahun

Indeks Bahan mentah untuk diproseskan selanjutnya meningkat 1.1 peratus pada Julai 2022 (Jun 2022: 16.9%). Kenaikan ini disumbangkan oleh indeks Bahan makanan & makanan untuk binatang (4.2%) dan indeks Bahan bukan makanan (0.4%). Pada masa yang sama, indeks Bahan perantaraan, bekalan & komponen meningkat 12.5 peratus pada Julai 2022 (Jun 2022: 13.0%) didorong oleh kenaikan dalam indeks Bahan api yang diproses & pelincir (18.4%), Bahan & komponen untuk pembuatan (12.6%) dan Bekalan (8.0%). Indeks Barang siap mencatatkan peningkatan pada Julai 2022 dengan 2.4 peratus (Jun 2022: 1.6%), disokong oleh peningkatan dalam indeks Makanan pengguna siap (6.8%).

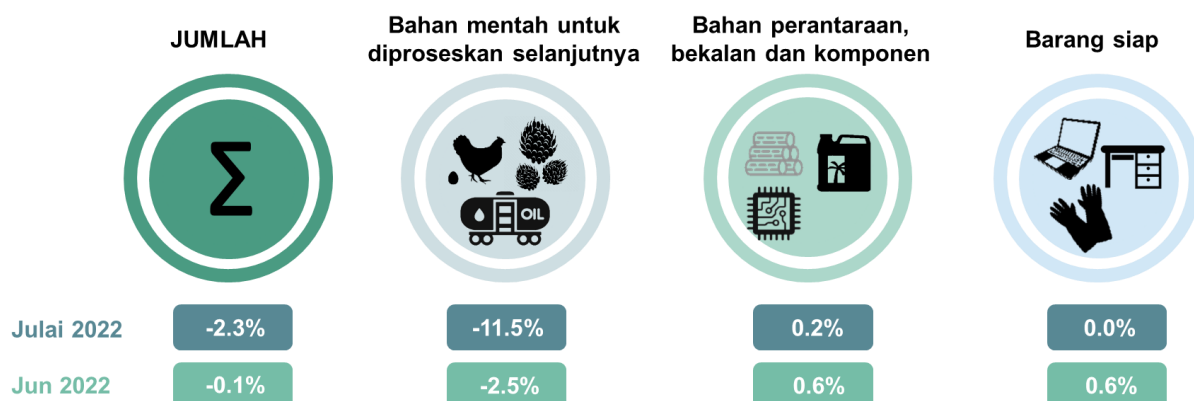
Carta 2: IHPR Pengeluaran Tempatan mengikut Peringkat Pemprosesan, Malaysia (Tahun ke Tahun)



Perubahan Bulan ke Bulan

Bagi perbandingan bulanan, indeks Bahan mentah untuk diproseskan selanjutnya turun negatif 11.5 peratus. Namun begitu, indeks Bahan perantaraan, bekalan & komponen meningkat 0.2 peratus. Manakala, indeks Barang siap kekal tidak berubah seperti pada bulan sebelumnya.

Paparan 2: IHPR Pengeluaran Tempatan mengikut Peringkat Pemprosesan, Malaysia (Bulan ke Bulan)



SUMMARY OF FINDINGS

PRODUCER PRICE INDEX (PPI)

LOCAL PRODUCTION

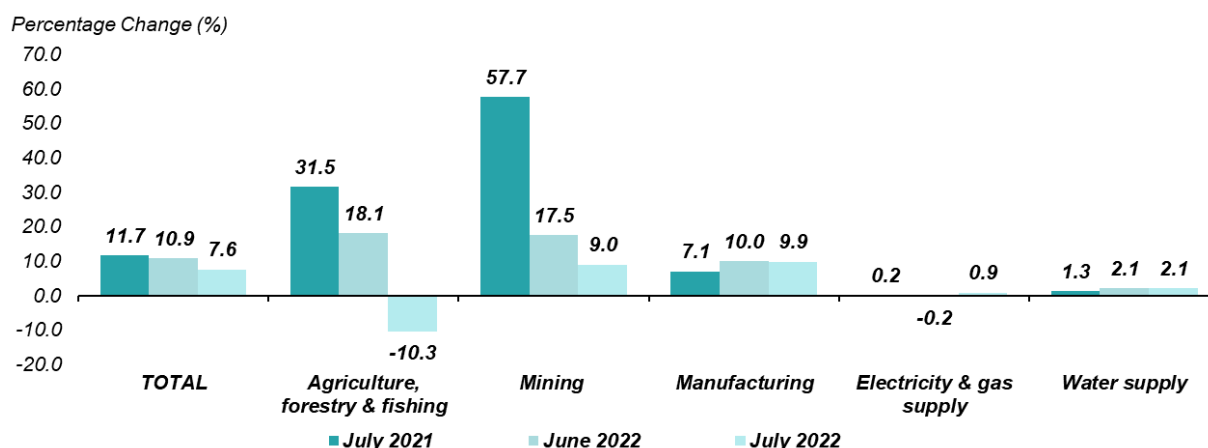
JULY 2022

PPI LOCAL PRODUCTION BY SECTOR

Year-on-Year Change

The increase in Malaysia's Producer Price Index which measures the prices of goods at factory gate eased to record 7.6 per cent in July 2022 as compared to 10.9 per cent recorded in June 2022. The increase was attributed by Manufacturing index with 9.9 per cent (June 2022: 10.0%), supported by increases in the sub-sector indices Manufacture of refined petroleum products (23.3%), Manufacture of oils & fats from vegetables & animals (18.5%) and Manufacture of basic chemicals, fertilizers & nitrogenous compounds, plastics & synthetic rubber in primary form (11.4%). This followed by Mining index that increased 9.0 per cent, slower than 17.5 per cent posted in June 2022. Moreover, Agriculture, forestry & fishing index recorded a decrease of negative 10.3 per cent in July 2022 (June 2022: 18.1%). This was a first-time decline for the index since September 2019 (-1.1%) following the fall in Growing of perennial crops (-18.5%) index. Similarly, Water supply and Electricity & gas supply indices recorded an increase of 2.1 per cent and 0.9 per cent in July 2022, respectively.

Chart 1: PPI Local Production by Sector, Malaysia (Year-on-Year)

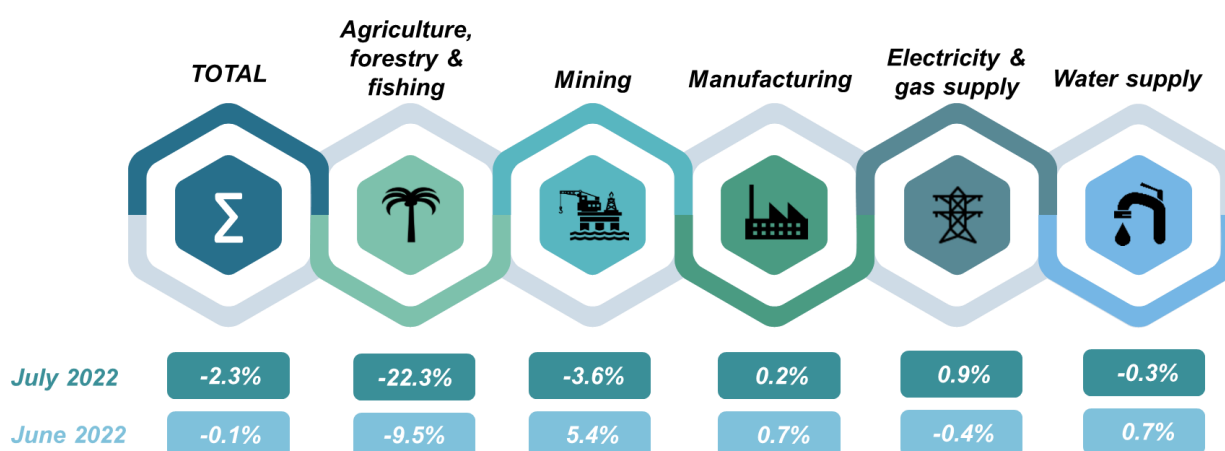


SUMMARY OF FINDINGS

Month-on-Month Change

In terms of month-on-month comparison, the PPI local production posted a decline for two consecutive months to record a negative 2.3 per cent in July 2022 (June 2022: -0.1%). The decrease was mainly supported by Agriculture, forestry & fishing index that recorded a double-digit decline with negative 22.3 per cent (June 2022: -9.5%). Besides that, Mining index also declined by negative 3.6 per cent (June 2022: 5.4%). On the other hand, Manufacturing index increased 0.2 per cent (June 2022: 0.7%). For utility indices, Electricity & gas supply index increased 0.9 per cent, meanwhile, Water supply index decreased negative 0.3 per cent.

Exhibit 1: PPI Local Production by Sector, Malaysia (Month-on-Month)



PPI Local Production, January to July 2022

The PPI local production for the period of January to July 2022 recorded an increase of 10.2 per cent as compared to 7.7 per cent recorded in the same period of the preceding year. The increase was contributed by Mining (21.1%), Agriculture, forestry & fishing (14.1%), Manufacturing (9.1%), Water supply (1.5%) and Electricity & gas supply (0.3%) indices. [Table 1]

SUMMARY OF FINDINGS

Table 1: Average Index and Percentage Change of PPI Local Production by Sector, Malaysia

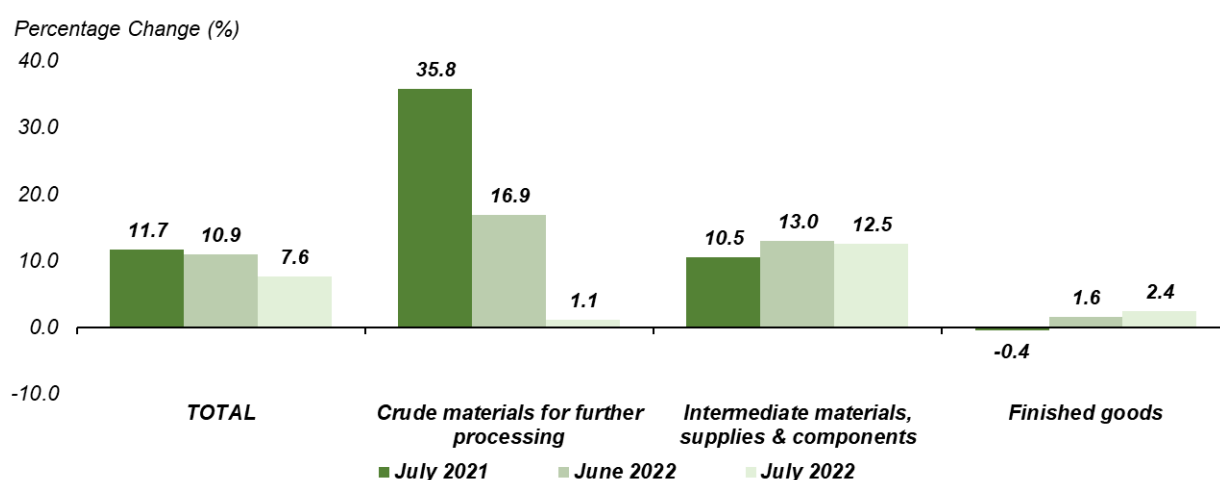
Sector	Weight	Index		Percentage Change (%)
		Jan – July 2021	Jan – July 2022	
Total	100.00	110.3	121.5	10.2
<i>Agriculture, forestry & fishing</i>	<i>6.73</i>	<i>141.2</i>	<i>161.1</i>	<i>14.1</i>
Mining	7.93	87.3	105.7	21.1
<i>Manufacturing</i>	<i>81.57</i>	<i>109.9</i>	<i>119.9</i>	<i>9.1</i>
<i>Electricity & gas supply</i>	<i>3.44</i>	<i>116.7</i>	<i>117.1</i>	<i>0.3</i>
<i>Water supply</i>	<i>0.33</i>	<i>112.2</i>	<i>113.9</i>	<i>1.5</i>

PPI LOCAL PRODUCTION BY STAGE OF PROCESSING

Year-on-Year Change

The index of Crude materials for further processing incline of 1.1 per cent in July 2022 (June 2022: 16.9%). The increase was contributed by indices of Foodstuffs & feedstuffs (4.2%) and Non-food materials (0.4%). Similarly, index of Intermediate materials, supplies & components increased 12.5 per cent in July 2022 (Jun 2022: 13.0%) driven by an increase in indices of Processed fuel & lubricants (18.4%), Materials & components for manufacturing (12.6%) and Supplies (8.0%). Finished goods index registered increase in July 2022 with 2.4 per cent (Jun 2022: 1.6%), attributed by the increase in Finished consumer foods (6.8%).

Chart 2: PPI Local Production by Stage of Processing, Malaysia (Year-on-Year)

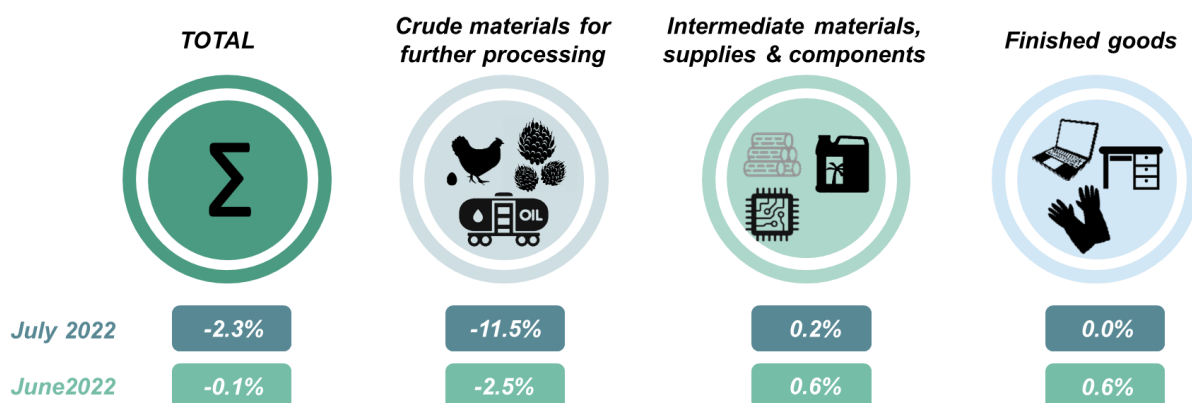


SUMMARY OF FINDINGS

Month-on-Month Change

For a monthly comparison, index of Crude materials for further processing declined by negative 11.5 per cent. However, Intermediate materials, supplies & components index increased 0.2 per cent. Meanwhile, Finished goods index remained unchanged as in the previous month.

Exhibit 2: PPI Local Production by Stage of Processing, Malaysia (Month-on-Month)



A large, irregular splash of teal and blue watercolor paint serves as a background for the title. The paint is applied in a way that creates a textured, organic shape with varying shades of blue and green.

JADUAL TABLES

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JADUAL
TABLE 1

IHPR (2010=100) Pengeluaran Tempatan, Perubahan Peratus mengikut Sektor (MSIC 2008) dan Peringkat Pemprosesan, Malaysia
PPI (2010=100) Local Production, Percentage Change by Sector (MSIC 2008) and Stage of Processing, Malaysia

Sektor dan Peringkat Pemprosesan <i>Sector and Stage of Processing</i>	Kod <i>Code</i>	Wajaran <i>Weight</i>	Indeks <i>Index</i>			Perubahan Peratus <i>Percentage Change</i>	
			Jul/July 2021	Jun/June 2022	Jul/July 2022	Jul/July 2022 - Jul/July 2021	Jul/July 2022 - Jun/June 2022
Jumlah <i>Total</i>		100.000	112.5	124.0	121.1	7.6	-2.3
Pertanian, perhutanan dan perikanan <i>Agriculture, forestry and fishing</i>	A	6.730	137.3	158.6	123.2	-10.3	-22.3
Perlombongan <i>Mining</i>	B	7.927	98.7	111.6	107.6	9.0	-3.6
Pembuatan <i>Manufacturing</i>	C	81.571	111.7	122.6	122.8	9.9	0.2
Bekalan elektrik dan gas <i>Electricity and gas supply</i>	D	3.442	116.7	116.7	117.7	0.9	0.9
Bekalan air <i>Water supply</i>	E	0.330	112.1	114.7	114.4	2.1	-0.3
IHPR mengikut Peringkat Pemprosesan <i>PPI by Stage of Processing</i>		100.000	112.5	124.0	121.1	7.6	-2.3
Bahan mentah untuk diproseskan selanjutnya <i>Crude materials for further processing</i>	1	16.410	122.5	139.9	123.8	1.1	-11.5
Bahan perantaraan, bekalan dan komponen <i>Intermediate materials, supplies and components</i>	2	56.119	114.8	128.9	129.1	12.5	0.2
Barang siap <i>Finished goods</i>	3	27.471	100.7	103.1	103.1	2.4	0.0

JADUAL
TABLE 1.1

IHPR (2010=100) Pengeluaran Tempatan, Perubahan Peratus mengikut Sektor, Bahagian dan Kumpulan (MSIC 2008), Malaysia
PPI (2010=100) Local Production, Percentage Change by Sector, Division and Group (MSIC 2008), Malaysia

Sektor, Bahagian dan Kumpulan <i>Sector, Division and Group</i>	Kod <i>Code</i>	Wajaran <i>Weight</i>	Indeks <i>Index</i>			Perubahan Peratus <i>Percentage Change</i>	
			Jul/July 2021	Jun/June 2022	Jul/July 2022	Jul/July 2022 - Jul/July 2021	Jul/July 2022 - Jun/June 2022
Jumlah <i>Total</i>		100.000	112.5	124.0	121.1	7.6	-2.3
Pertanian, perhutanan dan perikanan <i>Agriculture, forestry and fishing</i>	A	6.730	137.3	158.6	123.2	-10.3	-22.3
Pengeluaran tanaman dan ternakan, pemburuan dan aktiviti perkhidmatan berkaitan <i>Crop and animal production, hunting and related services activities</i>	01	5.714	133.6	155.8	116.4	-12.9	-25.3
Penanaman tanaman tidak kekal <i>Growing of non-perennial crops</i>	011	0.436	135.8	146.0	144.5	6.4	-1.0
Penanaman tanaman kekal <i>Growing of perennial crops</i>	012	3.934	138.7	165.1	113.0	-18.5	-31.6
Pengeluaran ternakan <i>Animal production</i>	014	1.344	123.6	133.8	132.9	7.5	-0.7
Perhutanan dan pembalakan <i>Forestry and logging</i>	02	0.410	149.4	162.9	168.3	12.7	3.3
Pembalakan <i>Logging</i>	022	0.410	149.4	162.9	168.3	12.7	3.3
Perikanan dan akuakultur <i>Fishing and aquaculture</i>	03	0.606	141.3	150.0	147.7	4.5	-1.5
Perikanan <i>Fishing</i>	031	0.508	146.2	155.8	152.9	4.6	-1.9
Akuakultur <i>Aquaculture</i>	032	0.098	131.2	136.4	137.2	4.6	0.6
Perlombongan <i>Mining</i>	B	7.927	98.7	111.6	107.6	9.0	-3.6
Pengekstrakan petroleum mentah dan gas asli <i>Extraction of crude petroleum and natural gas</i>	06	7.927	98.7	111.6	107.6	9.0	-3.6
Pengekstrakan petroleum mentah <i>Extraction of crude petroleum</i>	061	5.782	106.7	116.0	108.8	2.0	-6.2
Pengekstrakan gas asli <i>Extraction of natural gas</i>	062	2.145	73.9	100.8	108.2	46.4	7.3

**JADUAL
TABLE 1.1**

IHPR (2010=100) Pengeluaran Tempatan, Perubahan Peratus mengikut Sektor, Bahagian dan Kumpulan (MSIC 2008), Malaysia (samb.)
PPI (2010=100) Local Production, Percentage Change by Sector, Division and Group (MSIC 2008), Malaysia (cont'd)

Sektor, Bahagian dan Kumpulan <i>Sector, Division and Group</i>	Kod Code	Wajaran Weight	Indeks Index			Perubahan Peratus Percentage Change	
			Jul/July 2021	Jun/June 2022	Jul/July 2022	Jul/July 2022 - Jul/July 2021	Jun/June 2022 - Jun/June 2021
Pembuatan <i>Manufacturing</i>	C	81.571	111.7	122.6	122.8	9.9	0.2
Pembuatan produk makanan <i>Manufacture of food products</i>	10	14.531	115.0	136.1	132.7	15.4	-2.5
Pemprosesan dan pengawetan daging <i>Processing and preserving of meat</i>	101	0.392	110.9	123.9	125.1	12.8	1.0
Pemprosesan dan pengawetan ikan, krustasea dan moluska <i>Processing and preserving of fish, crustaceans and molluscs</i>	102	0.257	111.3	113.2	113.6	2.1	0.4
Pemprosesan dan pengawetan buah-buahan dan sayur-sayuran <i>Processing and preserving of fruit and vegetables</i>	103	0.089	101.2	107.0	107.6	6.3	0.6
Pembuatan minyak dan lemak daripada sayuran dan haiwan <i>Manufacture of vegetable and animal oils and fats</i>	104	9.956	114.1	140.2	135.2	18.5	-3.6
Pembuatan produk tenusu <i>Manufacture of dairy products</i>	105	0.661	124.8	136.8	137.3	10.0	0.4
Pembuatan produk bijian, kanji dan produk berkanji <i>Manufacture of grain mill products, starches and starch products</i>	106	0.444	112.4	122.1	122.9	9.3	0.7
Pembuatan produk makanan lain <i>Manufacture of other food products</i>	107	2.078	113.7	116.9	117.3	3.2	0.3
Pembuatan makanan haiwan tersedia <i>Manufacture of prepared animal feeds</i>	108	0.654	121.5	139.2	142.5	17.3	2.4
Pembuatan minuman <i>Manufacture of beverages</i>	11	0.671	103.9	104.9	104.8	0.9	-0.1
Pembuatan minuman ringan <i>Manufacture of beverages</i>	110	0.671	103.9	104.9	104.8	0.9	-0.1
Pembuatan produk tembakau <i>Manufacture of tobacco products</i>	12	0.306	116.4	116.4	116.4	0.0	0.0
Pembuatan produk tembakau <i>Manufacture of tobacco products</i>	120	0.306	116.4	116.4	116.4	0.0	0.0
Pembuatan tekstil <i>Manufacture of textiles</i>	13	0.634	94.8	100.5	101.1	6.6	0.6
Pemintalan, penenunan dan penyiapan tekstil <i>Spinning, weaving and finishing of textiles</i>	131	0.440	98.0	102.1	102.8	4.9	0.7

**JADUAL
TABLE 1.1**

IHPR (2010=100) Pengeluaran Tempatan, Perubahan Peratus mengikut Sektor, Bahagian dan Kumpulan MSIC 2008), Malaysia (samb.)
PPI (2010=100) Local Production, Percentage Change by Sector, Division and Group (MSIC 2008), Malaysia (cont'd)

Sektor, Bahagian dan Kumpulan <i>Sector, Division and Group</i>	Kod <i>Code</i>	Wajaran <i>Weight</i>	Indeks <i>Index</i>			Perubahan Peratus <i>Percentage Change</i>	
			Jul/July 2021	Jun/June 2022	Jul/July 2022	Jul/July 2022 - Jul/July 2021	Jul/July 2022 - Jun/June 2022
Pembuatan tekstil lain <i>Manufacture of other textiles</i>	139	0.194	88.8	97.6	97.9	10.2	0.3
Pembuatan pakaian <i>Manufacture of wearing apparel</i>	14	0.550	99.1	100.3	100.8	1.7	0.5
Pembuatan pakaian, kecuali pakaian berbulu <i>Manufacture of wearing apparel, except fur apparel</i>	141	0.526	98.8	100.2	100.8	2.0	0.6
Pembuatan artikel daripada kulit bulu <i>Manufacture of articles of fur</i>	142	0.004	131.7	121.5	104.3	-20.8	-14.2
Pembuatan pakaian yang dikait dan dikrusye <i>Manufacture of knitted and crocheted apparel</i>	143	0.020	100.5	100.5	100.5	0.0	0.0
Pembuatan produk kulit dan barangan berkaitan <i>Manufacture of leather and related products</i>	15	0.138	103.2	100.8	101.1	-2.0	0.3
Penyamakan dan pembersihan kulit, pembuatan bagasi, beg tangan, pelana dan abah-abah; pembersihan dan pewarnaan bulu <i>Tanning and dressing of leather, manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur</i>	151	0.065	103.8	101.5	102.1	-1.6	0.6
Pembuatan kasut <i>Manufacture of footwear</i>	152	0.073	104.1	101.5	101.7	-2.3	0.2
Pembuatan kayu dan produk kayu dan gabus, kecuali perabot; pembuatan bagi artikel jerami dan bahan-bahan anyaman <i>Manufacture of wood of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials</i>	16	1.678	131.7	143.5	145.0	10.1	1.0
Pengilangan dan pengetaman kayu <i>Sawmilling and planing of wood</i>	161	0.417	144.9	149.5	150.7	4.0	0.8
Pembuatan produk daripada kayu, gabus, jerami dan bahan jalinan lain <i>Manufacture of products of wood, cork, straw and plaiting materials</i>	162	1.261	124.9	138.3	139.9	12.0	1.2
Pembuatan kertas dan produk kertas <i>Manufacture of paper and paper products</i>	17	1.229	116.2	122.5	124.0	6.7	1.2
Pembuatan kertas dan produk kertas <i>Manufacture of paper and paper products</i>	170	1.229	116.2	122.5	124.0	6.7	1.2
Percetakan dan penerbitan semula media rakaman <i>Printing and reproduction of recorded media</i>	18	0.723	97.2	95.8	96.3	-0.9	0.5
Percetakan dan aktiviti perkhidmatan berkaitan percetakan <i>Printing and service activities related to printing</i>	181	0.723	97.2	95.8	96.3	-0.9	0.5

**JADUAL
TABLE 1.1**

IHPR (2010=100) Pengeluaran Tempatan, Perubahan Peratus mengikut Sektor, Bahagian dan Kumpulan (MSIC 2008), Malaysia (samb.)
PPI (2010=100) Local Production, Percentage Change by Sector, Division and Group (MSIC 2008), Malaysia (cont'd)

Sektor, Bahagian dan Kumpulan <i>Sector, Division and Group</i>	Kod <i>Code</i>	Wajaran <i>Weight</i>	Indeks <i>Index</i>			Perubahan Peratus <i>Percentage Change</i>	
			Jul/July 2021	Jun/June 2022	Jul/July 2022	Jul/July 2022 - Jul/July 2021	Jul/July 2022 - Jun/June 2022
Pembuatan kok dan produk petroleum bertapis <i>Manufacture of coke and refined petroleum products</i>	19	10.038	134.7	162.6	166.1	23.3	2.2
Pembuatan produk petroleum bertapis <i>Manufacture of refined petroleum products</i>	192	10.038	134.7	162.6	166.1	23.3	2.2
Pembuatan kimia dan produk kimia <i>Manufacture of chemicals and chemical products</i>	20	6.691	118.0	129.0	129.9	10.1	0.7
Pembuatan kimia asas, baja dan sebatian nitrogen, plastik dan getah sintetik dalam bentuk primer <i>Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastic and synthetic rubber in primary forms</i>	201	5.285	119.8	132.3	133.5	11.4	0.9
Pembuatan produk kimia lain <i>Manufacture of other chemical products</i>	202	1.370	112.4	118.6	118.4	5.3	-0.2
Pembuatan serat buatan manusia <i>Manufacture of man-made fibres</i>	203	0.036	98.5	97.6	101.1	2.6	3.6
Pembuatan produk farmaseutikal asas, kimia perubatan dan botani <i>Manufacture of basic pharmaceutical products and pharmaceutical preparations</i>	21	0.287	112.0	114.5	115.2	2.9	0.6
Pembuatan produk farmaseutikal, kimia perubatan dan botani <i>Manufacture of pharmaceutical, medical chemical and botanical products</i>	210	0.287	112.0	114.5	115.2	2.9	0.6
Pembuatan produk getah dan plastik <i>Manufacture of rubber and plastics products</i>	22	4.744	101.6	102.0	102.2	0.6	0.2
Pembuatan produk getah <i>Manufacture of rubber products</i>	221	2.474	97.6	94.3	94.2	-3.5	-0.1
Pembuatan produk plastik <i>Manufacture of plastics products</i>	222	2.270	106.7	112.1	112.8	5.7	0.6
Pembuatan produk galian bukan logam lain <i>Manufacture of other non-metallic mineral products</i>	23	2.930	104.1	110.2	110.8	6.4	0.5
Pembuatan kaca dan produk kaca <i>Manufacture of glass and glass products</i>	231	0.365	114.1	123.3	125.0	9.6	1.4
Pembuatan pengeluaran galian bukan logam t.t.t.l. <i>Manufacture of non-metallic mineral products n.e.c.</i>	239	2.565	102.1	107.7	108.2	6.0	0.5
Pembuatan logam asas <i>Manufacture of basic metals</i>	24	3.064	111.8	120.6	120.0	7.3	-0.5
Pembuatan besi dan keluli asas <i>Manufacture of basic iron and steel</i>	241	1.866	108.4	116.3	116.0	7.0	-0.3

**JADUAL
TABLE 1.1**

IHPR (2010=100) Pengeluaran Tempatan, Perubahan Peratus mengikut Sektor, Bahagian dan Kumpulan (MSIC 2008), Malaysia (samb.)
PPI (2010=100) Local Production, Percentage Change by Sector, Division and Group (MSIC 2008), Malaysia (cont'd)

Sektor, Bahagian dan Kumpulan <i>Sector, Division and Group</i>	Kod <i>Code</i>	Wajaran <i>Weight</i>	Indeks <i>Index</i>			Perubahan Peratus <i>Percentage Change</i>	
			Jul/July 2021	Jun/June 2022	Jul/July 2022	Jul/July 2022 - Jul/July 2021	Jul/July 2022 - Jun/June 2022
Pembuatan logam asas berharga dan logam bukan ferus lain <i>Manufacture of basic precious and other non-ferrous metals</i>	242	1.035	117.6	128.0	127.2	8.2	-0.6
Penuangan logam <i>Casting of metals</i>	243	0.163	115.2	123.9	121.4	5.4	-2.0
Pembuatan produk logam, kecuali mesin dan kelengkapan <i>Manufacture of fabricated metal products, except machinery and equipment</i>	25	3.620	102.7	110.8	110.2	7.3	-0.5
Pembuatan produk struktur logam, tangki, takungan dan penjana wap <i>Manufacture of structural metal products, tanks, reservoirs and steam generators</i>	251	1.354	101.9	106.3	105.6	3.6	-0.7
Pembuatan senjata dan peluru <i>Manufacture of weapons and ammunition</i>	252	0.015	102.7	110.8	110.2	7.3	-0.5
Pembuatan produk lain yang direka daripada logam; aktiviti perkhidmatan kerja logam <i>Manufacture of other fabricated metal products; metal working services activities</i>	259	2.251	103.4	113.7	113.2	9.5	-0.4
Pembuatan komputer, produk elektronik dan optikal <i>Manufacture of computer, electronic and optical products</i>	26	18.788	102.1	105.4	106.3	4.1	0.9
Pembuatan komponen dan papan elektronik <i>Manufacture of electronic components and boards</i>	261	10.631	113.1	117.3	118.8	5.0	1.3
Pembuatan komputer dan kelengkapan peranti <i>Manufacture of computers and peripheral equipment</i>	262	2.647	93.5	94.2	91.8	-1.8	-2.5
Pembuatan peralatan komunikasi <i>Manufacture of communication equipment</i>	263	1.081	108.6	115.2	119.8	10.3	4.0
Pembuatan peralatan elektronik pengguna <i>Manufacture of consumer electronics</i>	264	3.464	80.7	83.0	84.3	4.5	1.6
Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan, jam tangan dan jam <i>Manufacture of measuring, testing, navigating and control equipment; watches and clocks</i>	265	0.551	65.0	62.8	62.5	-3.8	-0.5
Pembuatan peralatan penyinaran, perubatan elektro dan elektroterapeutik <i>Manufacture of irradiation, electromedical and electrotherapeutic equipment</i>	266	0.312	137.7	143.4	145.8	5.9	1.7
Pembuatan instrumen optikal dan kelengkapan fotografi <i>Manufacture of optical instruments and photographic equipment</i>	267	0.098	111.3	122.8	120.5	8.3	-1.9
Pembuatan media magnetik dan optikal <i>Manufacture of magnetic and optical media</i>	268	0.004	93.4	97.1	102.5	9.7	5.6

Sektor, Bahagian dan Kumpulan <i>Sector, Division and Group</i>	Kod <i>Code</i>	Wajaran <i>Weight</i>	Indeks <i>Index</i>			Perubahan Peratus <i>Percentage Change</i>	
			Jul/July 2021	Jun/June 2022	Jul/July 2022	Jul/July 2022 - Jul/July 2021	Jul/July 2022 - Jun/June 2022
Pembuatan kelengkapan elektrik <i>Manufacture of electrical equipment</i>	27	2.577	105.0	114.8	116.2	10.7	1.2
Pembuatan motor elektrik, penjana, transformer dan perkakasan pengagihan dan pengawalan elektrik <i>Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus</i>	271	0.647	104.6	112.3	113.2	8.2	0.8
Pembuatan bateri dan akumulator <i>Manufacture of batteries and accumulators</i>	272	0.236	106.9	129.4	134.9	26.2	4.3
Pembuatan pendawaian dan peranti pendawaian <i>Manufacture of wiring and wiring devices</i>	273	0.783	100.6	108.5	109.5	8.8	0.9
Pembuatan kelengkapan pencahayaan elektrik <i>Manufacture of electric lighting equipment</i>	274	0.063	113.4	117.8	121.2	6.9	2.9
Pembuatan perkakasan domestik <i>Manufacture of domestic appliances</i>	275	0.530	107.0	114.8	115.3	7.8	0.4
Pembuatan kelengkapan elektrik lain <i>Manufacture of other electrical equipment</i>	279	0.318	109.4	123.7	125.6	14.8	1.5
Pembuatan jentera dan peralatan t.t.t.l. <i>Manufacture of machinery and equipment n.e.c.</i>	28	2.058	100.8	102.6	102.4	1.6	-0.2
Pembuatan jentera kegunaan umum <i>Manufacture of general - purpose machinery</i>	281	1.257	101.3	102.7	102.4	1.1	-0.3
Pembuatan jentera kegunaan khas <i>Manufacture of special - purpose machinery</i>	282	0.801	100.1	102.6	102.5	2.4	-0.1
Pembuatan kenderaan bermotor, treler dan semi treler <i>Manufacture of motor vehicles, trailers and semi trailers</i>	29	3.963	105.1	109.9	110.7	5.3	0.7
Pembuatan kenderaan bermotor <i>Manufacture of motor vehicles</i>	291	2.315	100.1	104.6	104.7	4.6	0.1
Pembuatan kerangka (coachwork) untuk kenderaan bermotor, pembuatan treler dan semi treler <i>Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers</i>	292	0.095	113.8	107.6	108.0	-5.1	0.4
Pembuatan alat ganti dan aksesori untuk kenderaan bermotor <i>Manufacture of parts and accessories for motor vehicles</i>	293	1.553	113.4	119.6	121.5	7.1	1.6

Sektor, Bahagian dan Kumpulan <i>Sector, Division and Group</i>	Kod <i>Code</i>	Wajaran <i>Weight</i>	Indeks <i>Index</i>			Perubahan Peratus <i>Percentage Change</i>	
			Jul/July 2021	Jun/June 2022	Jul/July 2022	Jul/July 2022 - Jul/July 2021	Jul/July 2022 - Jun/June 2022
Pembuatan kelengkapan pengangkutan lain <i>Manufacture of other transport equipment</i>	30	1.404	123.6	130.2	130.8	5.8	0.5
Pembinaan kapal dan bot <i>Building of ships and boats</i>	301	0.570	130.0	133.8	131.8	1.4	-1.5
Pembuatan lokomotif keretapi dan <i>rolling stock</i> <i>Manufacture of railway locomotives and rolling stock</i>	302	0.028	131.1	148.5	148.5	13.3	0.0
Pembuatan kapal angkasa dan udara dan jentera berkaitan <i>Manufacture of air and spacecraft and related machinery</i>	303	0.282	108.5	125.0	128.7	18.6	3.0
Pembuatan kenderaan tempur ketenteraan <i>Manufacture of military fighting vehicles</i>	304	0.144	121.6	126.5	126.5	4.0	0.0
Pembuatan kelengkapan pengangkutan t.t.t.l. <i>Manufacture of transport equipment n.e.c.</i>	309	0.380	125.3	129.2	131.0	4.5	1.4
Pembuatan perabot <i>Manufacture of furniture</i>	31	0.947	98.6	100.9	101.2	2.6	0.3
Pembuatan perabot <i>Manufacture of furniture</i>	310	0.947	98.6	100.9	101.2	2.6	0.3
Bekalan elektrik dan gas <i>Electricity and gas supply</i>	D	3.442	116.7	116.7	117.7	0.9	0.9
Bekalan elektrik dan gas <i>Electricity and gas supply</i>	35	3.442	116.7	116.7	117.7	0.9	0.9
Penjanaan, penghantaran dan pengagihan tenaga elektrik <i>Electric power generation, transmission and distribution</i>	351	3.237	112.1	112.0	112.7	0.5	0.6
Pembuatan gas; pengagihan bahan api berunsur gas melalui saluran utama <i>Manufacture of gas; distribution of gaseous fuels through mains</i>	352	0.205	200.3	202.8	209.7	4.7	3.4
Bekalan air <i>Water supply</i>	E	0.330	112.1	114.7	114.4	2.1	-0.3
Penakungan, perawatan dan bekalan air <i>Water collection, treatment and supply</i>	36	0.330	112.1	114.7	114.4	2.1	-0.3
Penakungan, perawatan dan bekalan air <i>Water collection, treatment and supply</i>	360	0.330	112.1	114.7	114.4	2.1	-0.3

**JADUAL
TABLE 1.1a**

IHPR (2010=100) Pengeluaran Tempatan, Indeks Purata, Perubahan Peratus mengikut Sektor (MSIC 2008) dan Peringkat Pemprosesan, Malaysia
PPI (2010=100) Local Production, Average Index, Percentage Change by Sector (MSIC 2008) and Stage of Processing, Malaysia

Sektor dan Peringkat Pemprosesan <i>Sector and Stage of Processing</i>	Kod Code	Wajaran Weight	Indeks <i>Index</i>		Perubahan Peratus <i>Percentage Change</i>
			Jan - Jul/July 2021	Jan - Jul/July 2022	
Jumlah <i>Total</i>		100.000	110.3	121.5	10.2
Pertanian, perhutanan dan perikanan <i>Agriculture, forestry and fishing</i>	A	6.730	141.2	161.1	14.1
Perlombongan <i>Mining</i>	B	7.927	87.3	105.7	21.1
Pembuatan <i>Manufacturing</i>	C	81.571	109.9	119.9	9.1
Bekalan elektrik dan gas <i>Electricity and gas supply</i>	D	3.442	116.7	117.1	0.3
Bekalan air <i>Water supply</i>	E	0.330	112.2	113.9	1.5
IHPR mengikut Peringkat Pemprosesan <i>PPI by Stage of Processing</i>		100.000	110.3	121.5	10.2
Bahan mentah untuk diproseskan selanjutnya <i>Crude materials for further processing</i>	1	16.410	118.4	137.1	15.8
Bahan perantaraan, bekalan dan komponen <i>Intermediate materials, supplies and components</i>	2	56.119	111.8	125.7	12.4
Barang siap <i>Finished goods</i>	3	27.471	101.4	102.2	0.8

Tempoh Sektor	Jumlah	A Pertanian, perhutanan dan perikanan	B Perlombongan	C Pembuatan	D Bekalan elektrik dan gas	E Bekalan air
Wajaran (<i>Weight</i>)	100.000	6.730	7.927	81.571	3.442	0.330
2017	107.9	114.7	90.9	109.0	114.6	114.1
2018	106.7	98.7	106.8	107.0	115.9	114.4
2019	105.2	94.8	102.9	106.0	117.6	111.9
2020	102.4	109.7	65.5	105.6	117.1	111.7
2021	112.1	142.8	92.5	111.4	116.6	112.3
2021 ST1/Q1	108.5	140.0	81.3	108.6	116.1	112.0
ST2/Q2	111.3	143.8	89.6	110.6	117.3	112.4
ST3/Q3	113.1	140.0	98.4	112.2	116.6	111.9
ST4/Q4	115.5	147.5	100.9	114.2	116.5	112.8
2022 ST1/Q1	119.6	165.8	104.3	117.3	116.8	113.6
ST2/Q2	123.6	169.1	106.4	121.7	117.2	114.1
2021 Jan - Jul/July	110.3	141.2	87.3	109.9	116.7	112.2
2022 Jan - Jul/July	121.5	161.1	105.7	119.9	117.1	113.9
2021 Jan	107.2	136.9	74.6	108.1	115.6	112.3
Feb	108.8	139.9	84.2	108.6	115.9	111.9
Mac/Mar	109.6	143.1	85.0	109.2	116.8	111.7
Apr	110.5	147.1	86.0	109.8	117.1	112.4
Mei/May	111.6	150.1	87.8	110.6	117.9	112.5
Jun/June	111.8	134.3	95.0	111.5	116.9	112.3
Jul/July	112.5	137.3	98.7	111.7	116.7	112.1
Ogos/Aug	113.2	141.2	97.9	112.2	116.8	111.9
Sept	113.6	141.6	98.5	112.7	116.2	111.8
Okt/Oct	114.7	143.3	103.9	113.2	116.7	111.9
Nov	116.3	151.8	101.5	114.7	116.4	112.9
Dis/Dec	115.6	147.4	97.2	114.8	116.5	113.5
2022 Jan	117.1	154.0	100.2	115.7	116.6	113.7
Feb	119.4	164.6	103.8	117.2	116.8	113.5
Mac/Mar	122.3	178.7	109.0	118.9	117.0	113.6
Apr	122.6	173.6	101.8	120.6	117.8	113.8
Mei/May	124.1	175.2	105.9	121.8	117.2	113.9
Jun/June	124.0	158.6	111.6	122.6	116.7	114.7
Jul/July	121.1	123.2	107.6	122.8	117.7	114.4
Period Sector	Total	Agriculture, forestry and fishing	Mining	Manufacturing	Electricity and gas supply	Water supply

**JADUAL
TABLE 2.1**

IHPR (2010=100) Pengeluaran Tempatan mengikut Sektor (MSIC 2008), Indeks Asal dan Pelarasan Musim, Malaysia
PPI (2010=100) Local Production by Sector (MSIC 2008), Original and Seasonally Adjusted Index, Malaysia

Tempoh		Jumlah		A		B	
Sektor				Pertanian, perhutanan dan perikanan		Perlombongan	
Wajaran (Weight)		100.000		6.730		7.927	
		Indeks asal	Indeks pelarasan musim	Indeks asal	Indeks pelarasan musim	Indeks asal	Indeks pelarasan musim
2017		107.9		114.7		90.9	
2018		106.7		98.7		106.8	
2019		105.2		94.8		102.9	
2020		102.4		109.7		65.5	
2021		112.1		142.8		92.5	
2021	Jan	107.2	106.2	136.9	129.1	74.6	71.1
	Feb	108.8	108.1	139.9	135.5	84.2	83.2
	Mac/Mar	109.6	110.4	143.1	144.7	85.0	91.4
	Apr	110.5	110.9	147.1	150.5	86.0	87.1
	Mei/May	111.6	112.1	150.1	154.0	87.8	89.0
	Jun/June	111.8	113.1	134.3	138.1	95.0	100.7
	Jul/July	112.5	113.3	137.3	141.4	98.7	101.4
	Ogos/Aug	113.2	113.2	141.2	141.7	97.9	101.7
	Sept	113.6	113.4	141.6	142.1	98.5	94.3
	Okt/Oct	114.7	115.1	143.3	146.5	103.9	104.1
	Nov	116.3	115.5	151.8	147.5	101.5	97.5
	Dis/Dec	115.6	114.1	147.4	144.1	97.2	90.3
2022	Jan	117.1	115.6	154.0	145.2	100.2	94.3
	Feb	119.4	117.9	164.6	159.5	103.8	98.0
	Mac/Mar	122.3	122.2	178.7	178.3	109.0	112.1
	Apr	122.6	122.8	173.6	175.0	101.8	104.5
	Mei/May	124.1	124.5	175.2	179.1	105.9	110.6
	Jun/June	124.0	125.1	158.6	162.7	111.6	115.5
	Jul/July	121.1	122.0	123.2	128.2	107.6	111.0

Period Sector	Total		Agriculture, forestry and fishing		Mining	
	Original index	Seasonally adjusted index	Original index	Seasonally adjusted index	Original index	Seasonally adjusted index

JADUAL
TABLE **2.1**

IHPR (2010=100) Pengeluaran Tempatan mengikut Sektor (MSIC 2008), Indeks Asal dan Pelarasan Musim, Malaysia (samb.)
PPI (2010=100) Local Production by Sector (MSIC 2008), Original and Seasonally Adjusted Index, Malaysia (cont'd)

Tempoh		C		D		E
Sektor		Pembuatan		Bekalan elektrik dan gas		Bekalan air
Wajaran (Weight)		81.571		3.442		0.330
		Indeks asal	Indeks asal	Indeks pelarasan musim	Indeks asal	Indeks pelarasan musim
2017		109.0	114.6		114.1	
2018		107.0	115.9		114.4	
2019		106.0	117.6		111.9	
2020		105.6	117.1		111.7	
2021		111.4	116.6		112.3	
2021	Jan	108.1	115.6	115.9	112.3	
	Feb	108.6	115.9	115.8	111.9	
	Mac/Mar	109.2	116.8	116.3	111.7	
	Apr	109.8	117.1	116.7	112.4	
	Mei/May	110.6	117.9	117.5	112.5	
	Jun/June	111.5	116.9	117.0	112.3	
	Jul/July	111.7	116.7	116.5	112.1	
	Ogos/Aug	112.2	116.8	116.6	111.9	
	Sept	112.7	116.2	116.4	111.8	
	Okt/Oct	113.2	116.7	117.3	111.9	
	Nov	114.7	116.4	116.5	112.9	
	Dis/Dec	114.8	116.5	117.0	113.5	
2022	Jan	115.7	116.6	117.0	113.7	114.1
	Feb	117.2	116.8	116.8	113.5	113.5
	Mac/Mar	118.9	117.0	116.4	113.6	113.0
	Apr	120.6	117.8	117.2	113.8	113.2
	Mei/May	121.8	117.2	116.6	113.9	113.4
	Jun/June	122.6	116.7	116.6	114.7	114.6
	Jul/July	122.8	117.7	117.7	114.4	114.4

Period Sector	Manufacturing		Electricity and gas supply		Water supply	
	Original index	Original index	Seasonally adjusted index	Original index	Seasonally adjusted index	

Tempoh Sektor	Jumlah		A Pertanian, perhutanan dan perikanan		B Perlombongan		C Pembuatan		D Bekalan elektrik dan gas		E Bekalan air	
Wajaran (Weight)	100.000		6.730		7.927		81.571		3.442		0.330	
	YoY %	MoM %	YoY %	MoM %	YoY %	MoM %	YoY %	MoM %	YoY %	MoM %	YoY %	MoM %
2017	6.7		7.0		24.7		5.3		1.9		-0.1	
2018	-1.1		-13.9		17.5		-1.8		1.1		0.3	
2019	-1.4		-4.0		-3.7		-0.9		1.5		-2.2	
2020	-2.7		15.7		-36.3		-0.4		-0.4		-0.2	
2021	9.5		30.2		41.2		5.5		-0.4		0.5	
2020 ST1/Q1	0.6		13.5		-11.0		0.8		0.8		-0.7	
ST2/Q2	-4.9		9.8		-51.4		-0.7		-0.2		-1.1	
ST3/Q3	-3.4		16.5		-38.0		-1.1		-1.4		0.4	
ST4/Q4	-2.9		22.0		-43.1		-0.4		-1.0		0.8	
2021 ST1/Q1	3.0		32.6		-7.3		1.6		-1.7		0.4	
ST2/Q2	11.3		46.0		74.0		5.0		-0.3		1.4	
ST3/Q3	11.8		27.9		59.0		7.3		0.2		0.0	
ST4/Q4	11.9		17.9		65.4		7.9		0.3		0.2	
2022 ST1/Q1	10.2		18.4		28.3		8.0		0.6		1.4	
ST2/Q2	11.1		17.6		18.8		10.0		-0.1		1.5	
2021 Jan - Jul/July	7.7		37.9		27.3		3.9		-0.8		1.0	
2022 Jan - Jul/July	10.2		14.1		21.1		9.1		0.3		1.5	
2021 Jan	-0.1	2.0	22.6	3.0	-28.3	11.3	1.1	1.3	-1.9	-0.1	0.5	-0.2
Feb	2.7	1.5	35.0	2.2	-11.0	12.9	1.5	0.5	-1.9	0.3	0.8	-0.4
Mac/Mar	6.7	0.7	41.1	2.3	32.0	1.0	2.2	0.6	-1.4	0.8	-0.1	-0.2
Apr	10.6	0.8	49.8	2.8	92.4	1.2	3.5	0.5	-0.8	0.3	1.2	0.6
Mei/May	11.9	1.0	60.0	2.0	68.5	2.1	5.0	0.7	0.1	0.7	1.5	0.1
Jun/June	11.5	0.2	29.8	-10.5	64.4	8.2	6.7	0.8	-0.2	-0.8	1.6	-0.2
Jul/July	11.7	0.6	31.5	2.2	57.7	3.9	7.1	0.2	0.2	-0.2	1.3	-0.2
Ogos/Aug	11.3	0.6	27.6	2.8	51.8	-0.8	7.1	0.4	0.4	0.1	-0.4	-0.2
Sept	12.3	0.4	24.8	0.3	68.1	0.6	7.7	0.4	-0.2	-0.5	-0.8	-0.1
Okt/Oct	13.2	1.0	24.8	1.2	82.9	5.5	7.9	0.4	0.7	0.4	-0.7	0.1
Nov	12.6	1.4	19.1	5.9	71.2	-2.3	8.4	1.3	-0.3	-0.3	0.2	0.9
Dis/Dec	10.0	-0.6	10.9	-2.9	45.1	-4.2	7.6	0.1	0.7	0.1	0.9	0.5
2022 Jan	9.2	1.3	12.5	4.5	34.3	3.1	7.0	0.8	0.9	0.1	1.2	0.2
Feb	9.7	2.0	17.7	6.9	23.3	3.6	7.9	1.3	0.8	0.2	1.4	-0.2
Mac/Mar	11.6	2.4	24.9	8.6	28.2	5.0	8.9	1.5	0.2	0.2	1.7	0.1
Apr	11.0	0.2	18.0	-2.9	18.4	-6.6	9.8	1.4	0.6	0.7	1.2	0.2
Mei/May	11.2	1.2	16.7	0.9	20.6	4.0	10.1	1.0	-0.6	-0.5	1.2	0.1
Jun/June	10.9	-0.1	18.1	-9.5	17.5	5.4	10.0	0.7	-0.2	-0.4	2.1	0.7
Jul/July	7.6	-2.3	-10.3	-22.3	9.0	-3.6	9.9	0.2	0.9	0.9	2.1	-0.3

Period Sector	Total	Agriculture, forestry and fishing		Mining	Manufacturing	Electricity and gas supply		Water supply
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TABLE
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IHPR (2010=100) Pengeluaran Tempatan mengikut Bahagian (MSIC 2008), Malaysia
PPI (2010=100) Local Production by Division (MSIC 2008), Malaysia

Tempoh Bahagian	Jumlah	01 Pengeluaran tanaman dan ternakan, pemburuan dan aktiviti perkhidmatan berkaitan	02 Perhutanan dan pembalakan	03 Perikanan dan akuakultur	06 Pengekstrakan petroleum mentah dan gas asli
Wajaran (Weight)	100.000	5.714	0.410	0.606	7.927
2017	107.9	111.4	129.1	129.2	90.9
2018	106.7	91.6	136.2	139.2	106.8
2019	105.2	86.7	142.3	141.9	102.9
2020	102.4	103.9	145.7	130.6	65.5
2021	112.1	139.7	151.6	140.3	92.5
2021 ST1/Q1	108.5	137.0	145.9	137.2	81.3
ST2/Q2	111.3	141.2	147.1	138.5	89.6
ST3/Q3	113.1	136.2	153.7	142.7	98.4
ST4/Q4	115.5	144.2	159.7	142.8	100.9
2022 ST1/Q1	119.6	164.3	154.4	148.7	104.3
ST2/Q2	123.6	167.7	158.4	150.5	106.4
2021 Jan - Jul/July	110.3	138.3	146.9	138.3	87.3
2022 Jan - Jul/July	121.5	158.9	158.1	149.3	105.7
2021 Jan	107.2	134.1	145.9	131.4	74.6
Feb	108.8	136.8	145.9	138.9	84.2
Mac/Mar	109.6	140.2	145.9	141.3	85.0
Apr	110.5	144.6	146.8	142.2	86.0
Mei/May	111.6	148.3	146.4	136.7	87.8
Jun/June	111.8	130.7	148.0	136.5	95.0
Jul/July	112.5	133.6	149.4	141.3	98.7
Ogos/Aug	113.2	137.4	153.5	143.8	97.9
Sept	113.6	137.7	158.1	143.1	98.5
Okt/Oct	114.7	139.5	158.2	144.2	103.9
Nov	116.3	149.1	159.0	142.5	101.5
Dis/Dec	115.6	144.1	161.9	141.7	97.2
2022 Jan	117.1	151.2	158.3	146.3	100.2
Feb	119.4	163.0	152.4	150.1	103.8
Mac/Mar	122.3	178.7	152.6	149.6	109.0
Apr	122.6	172.7	156.5	151.2	101.8
Mei/May	124.1	174.6	155.9	150.3	105.9
Jun/June	124.0	155.8	162.9	150.0	111.6
Jul/July	121.1	116.4	168.3	147.7	107.6

Period Division	Total	Crop and animal production, hunting and related service activities	Forestry and logging	Fishing and aquaculture	Extraction of crude petroleum and natural gas
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Tempoh Bahagian	10 Pembuatan produk makanan	11 Pembuatan minuman	12 Pembuatan produk tembakau	13 Pembuatan tekstil	14 Pembuatan pakaian
Wajaran (Weight)	14.531	0.671	0.306	0.634	0.550
2017	110.4	106.6	116.3	98.2	105.6
2018	99.8	105.9	117.0	94.7	102.4
2019	93.5	106.1	115.8	92.3	102.8
2020	99.0	105.0	116.1	94.3	102.5
2021	114.7	104.3	116.4	95.0	100.3
2021 ST1/Q1	109.9	105.1	116.4	94.0	101.6
ST2/Q2	113.8	104.6	116.4	94.7	98.9
ST3/Q3	115.5	103.4	116.4	95.1	100.2
ST4/Q4	119.4	104.3	116.4	96.4	100.4
2022 ST1/Q1	126.0	103.9	116.4	98.2	101.2
ST2/Q2	135.0	104.7	116.4	100.1	101.0
2021 Jan - Jul/July	112.3	104.7	116.4	94.4	100.1
2022 Jan - Jul/July	130.8	104.4	116.4	99.4	101.1
2021 Jan	108.5	105.2	116.4	93.7	102.8
Feb	109.9	105.3	116.4	93.7	101.7
Mac/Mar	111.3	104.9	116.4	94.5	100.4
Apr	112.6	104.7	116.4	94.4	98.4
Mei/May	114.0	104.5	116.4	95.2	98.7
Jun/June	114.8	104.5	116.4	94.4	99.6
Jul/July	115.0	103.9	116.4	94.8	99.1
Ogos/Aug	115.5	103.2	116.4	95.1	99.9
Sept	116.1	103.0	116.4	95.3	101.6
Okt/Oct	117.4	104.2	116.4	95.9	100.0
Nov	120.2	105.0	116.4	96.6	101.1
Dis/Dec	120.5	103.7	116.4	96.7	100.0
2022 Jan	122.7	103.5	116.4	97.2	101.2
Feb	125.8	104.1	116.4	98.5	101.4
Mac/Mar	129.4	104.1	116.4	98.8	101.0
Apr	133.0	104.2	116.4	99.1	101.2
Mei/May	136.0	105.1	116.4	100.7	101.5
Jun/June	136.1	104.9	116.4	100.5	100.3
Jul/July	132.7	104.8	116.4	101.1	100.8

<i>Period Division</i>	<i>Manufacture of food products</i>	<i>Manufacture of beverages</i>	<i>Manufacture of tobacco products</i>	<i>Manufacture of textiles</i>	<i>Manufacture of wearing apparel</i>
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TABLE**
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IHPR (2010=100) Pengeluaran Tempatan mengikut Bahagian (MSIC 2008), Malaysia (samb.)
PPI (2010=100) Local Production by Division (MSIC 2008), Malaysia (cont'd)

Tempoh Bahagian		15 Pembuatan produk kulit dan barangan berkaitan	16 Pembuatan kayu dan produk kayu dan gabus, kecuali perabot; pembuatan bagi artikel jerami dan bahan-bahan anyaman	17 Pembuatan kertas dan produk kertas	18 Percetakan dan penerbitan semula media rakaman	19 Pembuatan kok dan produk petroleum bertapis	20 Pembuatan kimia dan produk kimia
Wajaran (Weight)		0.138	1.678	1.229	0.723	10.038	6.691
2017		104.6	130.4	113.0	102.5	112.6	115.9
2018		103.3	131.9	114.1	98.6	124.6	115.9
2019		103.2	133.3	113.7	99.3	126.4	111.8
2020		103.9	130.3	111.8	98.1	117.7	107.8
2021		103.5	131.4	115.5	96.4	133.4	116.1
2021	ST1/Q1	104.0	128.8	112.9	96.1	124.3	110.2
	ST2/Q2	103.5	129.8	115.5	96.2	130.2	114.8
	ST3/Q3	103.1	132.4	116.5	97.2	136.9	118.8
	ST4/Q4	103.4	134.7	117.2	96.1	142.2	120.5
2022	ST1/Q1	103.0	138.6	118.2	94.8	150.0	123.3
	ST2/Q2	100.7	142.5	121.8	95.9	160.0	127.8
2021	Jan - Jul/July	103.6	129.6	114.5	96.3	128.3	113.3
2022	Jan - Jul/July	101.7	141.2	120.5	95.5	156.6	126.2
2021	Jan	104.3	129.0	111.7	95.6	122.9	108.2
	Feb	103.7	128.6	113.2	96.4	124.4	110.6
	Mac/Mar	103.9	128.7	113.7	96.2	125.5	111.8
	Apr	103.8	128.6	115.0	95.9	127.8	113.0
	Mei/May	103.3	129.7	115.4	96.6	129.9	114.6
	Jun/June	103.3	131.1	116.1	96.0	132.9	116.7
	Jul/July	103.2	131.7	116.2	97.2	134.7	118.0
	Ogos/Aug	103.0	132.0	116.3	97.0	137.4	118.8
	Sept	103.1	133.4	117.0	97.4	138.7	119.5
	Okt/Oct	103.0	133.9	117.6	96.0	139.6	119.4
	Nov	103.5	134.6	116.9	96.8	143.0	120.8
	Dis/Dec	103.7	135.7	117.0	95.4	144.0	121.3
2022	Jan	103.5	136.9	116.8	94.2	146.5	122.2
	Feb	103.4	138.5	118.2	94.9	149.6	123.1
	Mac/Mar	102.1	140.3	119.5	95.4	154.0	124.6
	Apr	101.0	141.6	120.8	95.9	157.7	126.6
	Mei/May	100.3	142.5	122.0	95.9	159.7	127.7
	Jun/June	100.8	143.5	122.5	95.8	162.6	129.0
	Jul/July	101.1	145.0	124.0	96.3	166.1	129.9
<i>Period Division</i>		<i>Manufacture of leather and related products</i>	<i>Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials</i>	<i>Manufacture of paper and paper products</i>	<i>Printing and reproduction of recorded media</i>	<i>Manufacture of coke and refined petroleum products</i>	<i>Manufacture of chemicals and chemical products</i>

**JADUAL
TABLE 3**

IHPR (2010=100) Pengeluaran Tempatan mengikut Bahagian (MSIC 2008), Malaysia (samb.)
PPI (2010=100) Local Production by Division (MSIC 2008), Malaysia (cont'd)

Tempoh Bahagian	21 Pembuatan produk farmaseutikal asas, kimia perubatan dan botani	22 Pembuatan produk getah dan plastik	23 Pembuatan produk galian bukan logam lain	24 Pembuatan logam asas	25 Pembuatan produk logam, kecuali mesin dan kelengkapan
Wajaran (Weight)	0.287	4.744	2.930	3.064	3.620
2017	113.2	101.8	110.2	105.7	102.6
2018	117.5	97.2	108.1	109.1	101.9
2019	119.2	95.7	107.9	107.0	100.7
2020	114.4	95.2	106.0	105.3	98.6
2021	112.3	101.3	104.5	111.3	102.2
2021 ST1/Q1	112.3	99.8	103.7	107.7	98.4
ST2/Q2	112.3	101.4	104.3	110.0	100.6
ST3/Q3	112.3	102.0	104.3	112.4	103.5
ST4/Q4	112.4	102.0	105.7	115.2	106.1
2022 ST1/Q1	112.9	101.8	106.6	117.2	107.9
ST2/Q2	114.8	101.5	109.7	120.2	110.3
2021 Jan - Jul/July	112.2	100.7	104.0	109.3	100.0
2022 Jan - Jul/July	114.1	101.7	108.5	118.9	109.3
2021 Jan	112.0	98.8	103.6	106.5	98.3
Feb	112.5	99.8	103.6	108.0	98.0
Mac/Mar	112.3	100.8	103.9	108.6	98.9
Apr	112.6	101.0	104.7	109.5	99.7
Mei/May	111.9	101.5	104.1	109.8	100.1
Jun/June	112.3	101.6	104.2	110.8	102.1
Jul/July	112.0	101.6	104.1	111.8	102.7
Ogos/Aug	112.3	102.0	104.5	112.3	103.4
Sept	112.7	102.3	104.4	113.2	104.4
Okt/Oct	112.6	102.1	105.1	114.4	105.5
Nov	112.5	101.9	106.2	115.5	106.3
Dis/Dec	112.2	102.0	105.9	115.6	106.6
2022 Jan	112.0	101.7	105.9	116.5	107.1
Feb	112.8	102.0	106.2	117.3	107.9
Mac/Mar	114.0	101.7	107.8	117.7	108.8
Apr	114.9	100.9	108.6	119.2	109.6
Mei/May	115.1	101.5	110.3	120.7	110.6
Jun/June	114.5	102.0	110.2	120.6	110.8
Jul/July	115.2	102.2	110.8	120.0	110.2
<i>Period Division</i>	<i>Manufacture of basic pharmaceutical products and pharmaceutical preparations</i>	<i>Manufacture of rubber and plastics products</i>	<i>Manufacture of other non-metallic mineral products</i>	<i>Manufacture of basic metals</i>	<i>Manufacture of fabricated metal products, except machinery and equipment</i>

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TABLE
3
IHPR (2010=100) Pengeluaran Tempatan mengikut Bahagian (MSIC 2008), Malaysia (samb.)
PPI (2010=100) Local Production by Division (MSIC 2008), Malaysia (cont'd)

Tempoh Bahagian	26 Pembuatan komputer, produk elektronik dan optikal	27 Pembuatan kelengkapan elektrik	28 Pembuatan jentera dan peralatan t.t.t.l.	29 Pembuatan kenderaan bermotor, treler dan semi treler
Wajaran (Weight)	18.788	2.577	2.058	3.963
2017	106.2	105.0	101.2	104.6
2018	101.9	104.6	99.6	102.1
2019	103.4	104.5	100.2	105.5
2020	105.3	104.3	98.3	103.8
2021	103.0	105.6	100.4	105.0
2021 ST1/Q1	103.9	103.5	99.1	105.1
ST2/Q2	103.1	104.8	100.2	105.2
ST3/Q3	102.0	106.2	100.7	104.8
ST4/Q4	102.7	107.9	101.5	105.0
2022 ST1/Q1	102.8	111.3	102.1	107.6
ST2/Q2	104.8	113.8	102.0	109.3
2021 Jan - Jul/July	103.3	104.2	99.8	105.1
2022 Jan - Jul/July	104.2	113.1	102.1	108.8
2021 Jan	104.6	103.1	98.8	105.0
Feb	103.8	103.3	99.9	104.8
Mac/Mar	103.4	104.0	98.7	105.4
Apr	103.0	104.5	99.9	104.8
Mei/May	103.2	104.5	100.2	105.6
Jun/June	103.2	105.3	100.5	105.3
Jul/July	102.1	105.0	100.8	105.1
Ogos/Aug	102.0	106.9	100.6	104.7
Sept	102.0	106.6	100.8	104.5
Okt/Oct	102.2	107.7	101.0	104.8
Nov	103.3	107.8	101.6	105.0
Dis/Dec	102.6	108.1	101.8	105.3
2022 Jan	102.1	110.2	102.6	106.9
Feb	102.9	111.5	102.1	107.2
Mac/Mar	103.5	112.3	101.6	108.8
Apr	104.6	112.8	101.5	108.9
Mei/May	104.5	113.8	101.9	109.0
Jun/June	105.4	114.8	102.6	109.9
Jul/July	106.3	116.2	102.4	110.7
<i>Period Division</i>	<i>Manufacture of computer, electronic and optical products</i>	<i>Manufacture of electrical equipment</i>	<i>Manufacture of machinery and equipment n.e.c.</i>	<i>Manufacture of motor vehicles, trailers and semi-trailers</i>

**JADUAL
TABLE**
3
IHPR (2010=100) Pengeluaran Tempatan mengikut Bahagian (MSIC 2008), Malaysia (samb.)
PPI (2010=100) Local Production by Division (MSIC 2008), Malaysia (cont'd)

Tempoh Bahagian	30 Pembuatan kelengkapan pengangkutan lain	31 Pembuatan perabot	35 Bekalan elektrik dan gas	36 Penakungan, perawatan dan bekalan air
Wajaran (Weight)	1.404	0.947	3.442	0.330
2017	130.2	108.9	114.6	114.1
2018	129.3	101.0	115.9	114.4
2019	131.9	100.2	117.6	111.9
2020	128.5	101.1	117.1	111.7
2021	123.0	99.2	116.6	112.3
2021 ST1/Q1	123.4	100.2	116.1	112.0
ST2/Q2	124.0	98.5	117.3	112.4
ST3/Q3	122.9	98.9	116.6	111.9
ST4/Q4	121.8	99.3	116.5	112.8
2022 ST1/Q1	123.0	99.6	116.8	113.6
ST2/Q2	128.7	100.8	117.2	114.1
2021 Jan - Jul/July	123.7	99.2	116.7	112.2
2022 Jan - Jul/July	126.5	100.3	117.1	113.9
2021 Jan	125.1	101.2	115.6	112.3
Feb	122.4	100.0	115.9	111.9
Mac/Mar	122.7	99.3	116.8	111.7
Apr	124.0	98.5	117.1	112.4
Mei/May	123.4	98.4	117.9	112.5
Jun/June	124.5	98.7	116.9	112.3
Jul/July	123.6	98.6	116.7	112.1
Ogos/Aug	123.5	98.8	116.8	111.9
Sept	121.6	99.3	116.2	111.8
Okt/Oct	122.1	99.3	116.7	111.9
Nov	122.0	99.3	116.4	112.9
Dis/Dec	121.4	99.2	116.5	113.5
2022 Jan	122.0	99.3	116.6	113.7
Feb	123.3	99.5	116.8	113.5
Mac/Mar	123.6	100.0	117.0	113.6
Apr	127.3	100.6	117.8	113.8
Mei/May	128.6	100.9	117.2	113.9
Jun/June	130.2	100.9	116.7	114.7
Jul/July	130.8	101.2	117.7	114.4
<i>Period Division</i>	<i>Manufacture of other transport equipment</i>	<i>Manufacture of furniture</i>	<i>Electricity and gas supply</i>	<i>Water collection, treatment and supply</i>

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TABLE 3.1

Perubahan Peratus IHPR (2010=100) Pengeluaran Tempatan mengikut Bahagian (MSIC 2008), Malaysia
Percentage Change of PPI (2010=100) Local Production by Division (MSIC 2008), Malaysia

Tempoh		Jumlah		01		02		03	
Bahagian				Pengeluaran tanaman dan ternakan, pemburuan dan aktiviti perkhidmatan berkaitan		Perhutanan dan pembalakan		Perikanan dan akuakultur	
Wajaran (Weight)		100.000		5.714		0.410		0.606	
		YoY %	MoM %	YoY %	MoM %	YoY %	MoM %	YoY %	MoM %
2017		6.7		8.1		0.6		5.5	
2018		-1.1		-17.8		5.5		7.7	
2019		-1.4		-5.3		4.5		1.9	
2020		-2.7		19.8		2.4		-8.0	
2021		9.5		34.5		4.0		7.4	
2021	ST1/Q1	3.0		38.8		-0.3		-0.4	
	ST2/Q2	11.3		54.0		0.8		8.0	
	ST3/Q3	11.8		31.0		5.3		12.0	
	ST4/Q4	11.9		19.0		10.4		10.9	
2022	ST1/Q1	10.2		19.9		5.8		8.4	
	ST2/Q2	11.1		18.8		7.7		8.7	
2021	Jan - Jul/July	7.7		44.5		0.5		4.7	
2022	Jan - Jul/July	10.2		14.9		7.6		8.0	
2021	Jan	-0.1	2.0	27.7	3.2	-0.5	0.0	-8.8	2.1
	Feb	2.7	1.5	41.5	2.0	-0.3	0.0	2.2	5.7
	Mac/Mar	6.7	0.7	48.4	2.5	-0.3	0.0	5.9	1.7
	Apr	10.6	0.8	58.7	3.1	0.6	0.6	8.5	0.6
	Mei/May	11.9	1.0	71.2	2.6	0.3	-0.3	7.7	-3.9
	Jun/June	11.5	0.2	34.2	-11.9	1.4	1.1	7.6	-0.1
	Jul/July	11.7	0.6	35.8	2.2	2.4	0.9	11.5	3.5
	Ogos/Aug	11.3	0.6	30.5	2.8	5.2	2.7	13.4	1.8
	Sept	12.3	0.4	27.1	0.2	8.4	3.0	11.1	-0.5
	Okt/Oct	13.2	1.0	26.8	1.3	11.5	0.1	12.7	0.8
	Nov	12.6	1.4	20.4	6.9	9.0	0.5	10.0	-1.2
	Dis/Dec	10.0	-0.6	10.9	-3.4	11.0	1.8	10.1	-0.6
2022	Jan	9.2	1.3	12.8	4.9	8.5	-2.2	11.3	3.2
	Feb	9.7	2.0	19.2	7.8	4.5	-3.7	8.1	2.6
	Mac/Mar	11.6	2.4	27.5	9.6	4.6	0.1	5.9	-0.3
	Apr	11.0	0.2	19.4	-3.4	6.6	2.6	6.3	1.1
	Mei/May	11.2	1.2	17.7	1.1	6.5	-0.4	9.9	-0.6
	Jun/June	10.9	-0.1	19.2	-10.8	10.1	4.5	9.9	-0.2
	Jul/July	7.6	-2.3	-12.9	-25.3	12.7	3.3	4.5	-1.5

Period Division	Total	Crop and animal production, hunting and related service activities	Forestry and logging	Fishing and aquaculture
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**JADUAL
TABLE 3.1**

Perubahan Peratus IHPR (2010=100) Pengeluaran Tempatan mengikut Bahagian (MSIC 2008), Malaysia (samb.)
Percentage Change of PPI (2010=100) Local Production by Division (MSIC 2008), Malaysia (cont'd)

Tempoh Bahagian		06 Pengekstrakan petroleum mentah dan gas asli		10 Pembuatan produk makanan		11 Pembuatan minuman		12 Pembuatan produk tembakau		13 Pembuatan tekstil	
Wajaran (Weight)		7.927		14.531		0.671		0.306		0.634	
		YoY %	MoM %	YoY %	MoM %	YoY %	MoM %	YoY %	MoM %	YoY %	MoM %
2017		24.7		6.4		-0.6		0.3		-2.3	
2018		17.5		-9.6		-0.7		0.6		-3.6	
2019		-3.7		-6.3		0.2		-1.0		-2.5	
2020		-36.3		5.9		-1.0		0.3		2.2	
2021		41.2		15.9		-0.7		0.3		0.7	
2021	ST1/Q1	-7.3		10.5		-0.9		0.3		0.6	
	ST2/Q2	74.0		18.7		-0.2		0.3		-0.5	
	ST3/Q3	59.0		18.8		-1.1		0.3		1.1	
	ST4/Q4	65.4		15.4		-0.2		0.3		2.1	
2022	ST1/Q1	28.3		14.6		-1.1		0.0		4.5	
	ST2/Q2	18.8		18.6		0.1		0.0		5.7	
2021	Jan - Jul/July	27.3		15.4		-0.6		0.3		0.1	
2022	Jan - Jul/July	21.1		16.5		-0.3		0.0		5.3	
2021	Jan	-28.3	11.3	10.0	2.5	-0.8	0.3	0.3	0.3	1.1	-0.6
	Feb	-11.0	12.9	9.5	1.3	-1.1	0.1	0.3	0.0	1.0	0.0
	Mac/Mar	32.0	1.0	12.0	1.3	-0.8	-0.4	0.3	0.0	-0.3	0.9
	Apr	92.4	1.2	15.6	1.2	-0.9	-0.2	0.3	0.0	-0.7	-0.1
	Mei/May	68.5	2.1	19.0	1.2	-0.2	-0.2	0.3	0.0	-0.2	0.8
	Jun/June	64.4	8.2	21.6	0.7	0.4	0.0	0.3	0.0	-0.6	-0.8
	Jul/July	57.7	3.9	20.7	0.2	-0.7	-0.6	0.3	0.0	0.6	0.4
	Ogos/Aug	51.8	-0.8	18.6	0.4	-1.1	-0.7	0.3	0.0	1.2	0.3
	Sept	68.1	0.6	17.5	0.5	-1.7	-0.2	0.3	0.0	1.3	0.2
	Okt/Oct	82.9	5.5	15.7	1.1	-0.1	1.2	0.3	0.0	1.7	0.6
	Nov	71.2	-2.3	16.5	2.4	0.7	0.8	0.3	0.0	2.0	0.7
	Dis/Dec	45.1	-4.2	13.8	0.2	-1.1	-1.2	0.3	0.0	2.5	0.1
2022	Jan	34.3	3.1	13.1	1.8	-1.6	-0.2	0.0	0.0	3.7	0.5
	Feb	23.3	3.6	14.5	2.5	-1.1	0.6	0.0	0.0	5.1	1.3
	Mac/Mar	28.2	5.0	16.3	2.9	-0.8	0.0	0.0	0.0	4.6	0.3
	Apr	18.4	-6.6	18.1	2.8	-0.5	0.1	0.0	0.0	5.0	0.3
	Mei/May	20.6	4.0	19.3	2.3	0.6	0.9	0.0	0.0	5.8	1.6
	Jun/June	17.5	5.4	18.6	0.1	0.4	-0.2	0.0	0.0	6.5	-0.2
	Jul/July	9.0	-3.6	15.4	-2.5	0.9	-0.1	0.0	0.0	6.6	0.6
Period Division		Extraction of crude petroleum and natural gas		Manufacture of food products		Manufacture of beverages		Manufacture of tobacco products		Manufacture of textiles	

**JADUAL
TABLE 3.1**

Perubahan Peratus IHPR (2010=100) Pengeluaran Tempatan mengikut Bahagian (MSIC 2008), Malaysia (samb.)
Percentage Change of PPI (2010=100) Local Production by Division (MSIC 2008), Malaysia (cont'd)

Tempoh Bahagian		14 Pembuatan pakaian		15 Pembuatan produk kulit dan barangan berkaitan		16 Pembuatan kayu dan produk kayu dan gabus, kecuali perabot; pembuatan bagi artikel jerami dan bahan-bahan anyaman		17 Pembuatan kertas dan produk kertas	
Wajaran (Weight)		0.550		0.138		1.678		1.229	
		YoY %	MoM %	YoY %	MoM %	YoY %	MoM %	YoY %	MoM %
2017		0.5		-5.3		1.3		5.8	
2018		-3.0		-1.2		1.2		1.0	
2019		0.4		-0.1		1.1		-0.4	
2020		-0.3		0.7		-2.3		-1.7	
2021		-2.1		-0.4		0.8		3.3	
2021	ST1/Q1	-1.6		0.6		-2.0		0.4	
	ST2/Q2	-4.4		-1.8		-1.0		3.1	
	ST3/Q3	-1.4		-0.3		1.7		4.5	
	ST4/Q4	-1.1		0.1		4.7		5.3	
2022	ST1/Q1	-0.4		-1.0		7.6		4.7	
	ST2/Q2	2.1		-2.7		9.8		5.5	
2021	Jan - Jul/July	-3.1		-0.7		-1.1		2.0	
2022	Jan - Jul/July	1.0		-1.8		9.0		5.2	
2021	Jan	0.2	0.8	1.4	0.6	-2.2	0.5	-0.8	0.3
	Feb	-1.5	-1.1	0.1	-0.6	-2.1	-0.3	0.7	1.3
	Mac/Mar	-3.3	-1.3	0.2	0.2	-1.8	0.1	1.3	0.4
	Apr	-5.0	-2.0	-0.2	-0.1	-2.0	-0.1	2.6	1.1
	Mei/May	-5.1	0.3	-1.7	-0.5	-1.5	0.9	3.1	0.3
	Jun/June	-3.1	0.9	-3.6	0.0	0.5	1.1	3.8	0.6
	Jul/July	-3.8	-0.5	-0.1	-0.1	1.3	0.5	3.8	0.1
	Ogos/Aug	-1.2	0.8	-0.6	-0.2	1.2	0.2	4.6	0.1
	Sept	0.8	1.7	-0.1	0.1	2.5	1.1	5.0	0.6
	Okt/Oct	-1.2	-1.6	0.5	-0.1	4.2	0.4	5.8	0.5
	Nov	-0.1	1.1	-0.1	0.5	4.5	0.5	4.9	-0.6
	Dis/Dec	-2.0	-1.1	0.0	0.2	5.7	0.8	5.0	0.1
2022	Jan	-1.6	1.2	-0.8	-0.2	6.1	0.9	4.6	-0.2
	Feb	-0.3	0.2	-0.3	-0.1	7.7	1.2	4.4	1.2
	Mac/Mar	0.6	-0.4	-1.7	-1.3	9.0	1.3	5.1	1.1
	Apr	2.8	0.2	-2.7	-1.1	10.1	0.9	5.0	1.1
	Mei/May	2.8	0.3	-2.9	-0.7	9.9	0.6	5.7	1.0
	Jun/June	0.7	-1.2	-2.4	0.5	9.5	0.7	5.5	0.4
	Jul/July	1.7	0.5	-2.0	0.3	10.1	1.0	6.7	1.2
Period Division		Manufacture of wearing apparel		Manufacture of leather and related products		Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials		Manufacture of paper and paper products	

**JADUAL
TABLE 3.1**

Perubahan Peratus IHPR (2010=100) Pengeluaran Tempatan mengikut Bahagian (MSIC 2008), Malaysia (samb.)
Percentage Change of PPI (2010=100) Local Production by Division (MSIC 2008), Malaysia (cont'd)

Tempoh Bahagian		18 Percetakan dan penerbitan semula media rakaman		19 Pembuatan kok dan produk petroleum bertapis		20 Pembuatan kimia dan produk kimia		21 Pembuatan produk farmaseutikal asas, kimia perubatan dan botani	
Wajaran (<i>Weight</i>)		0.723		10.038		6.691		0.287	
		YoY %	MoM %	YoY %	MoM %	YoY %	MoM %	YoY %	MoM %
2017		0.4		21.5		3.2		2.3	
2018		-3.8		10.7		0.0		3.8	
2019		0.7		1.4		-3.5		1.4	
2020		-1.2		-6.9		-3.6		-4.0	
2021		-1.7		13.3		7.7		-1.8	
2021	ST1/Q1	-3.9		-1.0		0.6		-3.4	
	ST2/Q2	-3.2		10.1		6.0		-3.1	
	ST3/Q3	0.0		21.2		11.4		-1.6	
	ST4/Q4	0.4		24.8		12.8		1.2	
2022	ST1/Q1	-1.4		20.7		11.9		0.5	
	ST2/Q2	-0.3		22.9		11.3		2.2	
2021	Jan - Jul/July	-3.4		6.3		4.3		-3.2	
2022	Jan - Jul/July	-0.8		22.1		11.4		1.7	
2021	Jan	-5.7	0.5	-2.2	4.4	-0.9	1.2	-5.1	0.3
	Feb	-2.4	0.8	-1.3	1.2	0.8	2.2	-2.8	0.4
	Mac/Mar	-3.7	-0.2	0.6	0.9	2.0	1.1	-2.5	-0.2
	Apr	-4.0	-0.3	5.4	1.8	4.1	1.1	-3.9	0.3
	Mei/May	-2.1	0.7	10.3	1.6	5.3	1.4	-3.7	-0.6
	Jun/June	-3.7	-0.6	14.7	2.3	8.6	1.8	-1.8	0.4
	Jul/July	-2.0	1.3	18.6	1.4	10.2	1.1	-2.4	-0.3
	Ogos/Aug	0.4	-0.2	21.5	2.0	11.8	0.7	-1.3	0.3
	Sept	1.7	0.4	23.5	0.9	12.4	0.6	-0.9	0.4
	Okt/Oct	-0.5	-1.4	26.2	0.6	12.1	-0.1	1.2	-0.1
	Nov	1.3	0.8	26.2	2.4	12.9	1.2	2.1	-0.1
	Dis/Dec	0.3	-1.4	22.3	0.7	13.5	0.4	0.4	-0.3
2022	Jan	-1.5	-1.3	19.2	1.7	12.9	0.7	0.0	-0.2
	Feb	-1.6	0.7	20.3	2.1	11.3	0.7	0.3	0.7
	Mac/Mar	-0.8	0.5	22.7	2.9	11.4	1.2	1.5	1.1
	Apr	0.0	0.5	23.4	2.4	12.0	1.6	2.0	0.8
	Mei/May	-0.7	0.0	22.9	1.3	11.4	0.9	2.9	0.2
	Jun/June	-0.2	-0.1	22.3	1.8	10.5	1.0	2.0	-0.5
	Jul/July	-0.9	0.5	23.3	2.2	10.1	0.7	2.9	0.6
Period Division		Printing and reproduction of recorded media		Manufacture of coke and refined petroleum products		Manufacture of chemicals and chemical products		Manufacture of basic pharmaceutical products and pharmaceutical preparations	

JADUAL
TABLE 3.1

Perubahan Peratus IHPR (2010=100) Pengeluaran Tempatan mengikut Bahagian (MSIC 2008), Malaysia (samb.)
Percentage Change of PPI (2010=100) Local Production by Division (MSIC 2008), Malaysia (cont'd)

Tempoh		22		23		24		25	
Bahagian		Pembuatan produk getah dan plastik		Pembuatan produk galian bukan logam lain		Pembuatan logam asas		Pembuatan produk logam, kecuali mesin dan kelengkapan	
Wajaran (Weight)		4.744		2.930		3.064		3.620	
		YoY %	MoM %	YoY %	MoM %	YoY %	MoM %	YoY %	MoM %
2017		4.8		-0.8		7.7		2.6	
2018		-4.5		-1.9		3.2		-0.7	
2019		-1.5		-0.2		-1.9		-1.2	
2020		-0.5		-1.8		-1.6		-2.1	
2021		6.4		-1.4		5.7		3.7	
2021	ST1/Q1	5.9		-3.4		2.2		-1.0	
	ST2/Q2	7.8		-1.9		4.6		1.4	
	ST3/Q3	7.5		-1.3		7.3		5.6	
	ST4/Q4	4.6		1.1		8.9		8.6	
2022	ST1/Q1	2.0		2.8		8.8		9.7	
	ST2/Q2	0.1		5.2		9.3		9.6	
2021	Jan - Jul/July	6.9		-2.4		3.9		0.8	
2022	Jan - Jul/July	1.0		4.3		8.8		9.3	
2021	Jan	4.7	0.5	-4.0	-0.4	1.0	0.6	-1.0	0.6
	Feb	6.1	1.0	-3.4	0.0	2.5	1.4	-1.5	-0.3
	Mac/Mar	7.1	1.0	-2.7	0.3	2.9	0.6	-0.6	0.9
	Apr	7.4	0.2	-1.8	0.8	3.9	0.8	0.2	0.8
	Mei/May	7.7	0.5	-2.2	-0.6	4.2	0.3	0.8	0.4
	Jun/June	7.9	0.1	-1.7	0.1	5.8	0.9	3.2	2.0
	Jul/July	7.4	0.0	-1.1	-0.1	6.9	0.9	4.6	0.6
	Ogos/Aug	7.6	0.4	-1.4	0.4	7.0	0.4	5.6	0.7
	Sept	7.3	0.3	-1.2	-0.1	7.9	0.8	6.7	1.0
	Okt/Oct	5.9	-0.2	-0.4	0.7	8.1	1.1	8.1	1.1
	Nov	4.2	-0.2	1.8	1.0	9.4	1.0	8.8	0.8
	Dis/Dec	3.8	0.1	1.8	-0.3	9.2	0.1	9.1	0.3
2022	Jan	2.9	-0.3	2.2	0.0	9.4	0.8	9.0	0.5
	Feb	2.2	0.3	2.5	0.3	8.6	0.7	10.1	0.7
	Mac/Mar	0.9	-0.3	3.8	1.5	8.4	0.3	10.0	0.8
	Apr	-0.1	-0.8	3.7	0.7	8.9	1.3	9.9	0.7
	Mei/May	0.0	0.6	6.0	1.6	9.9	1.3	10.5	0.9
	Jun/June	0.4	0.5	5.8	-0.1	8.8	-0.1	8.5	0.2
	Jul/July	0.6	0.2	6.4	0.5	7.3	-0.5	7.3	-0.5

Period Division	Manufacture of rubber and plastics products	Manufacture of other non-metallic mineral products	Manufacture of basic metals	Manufacture of fabricated metal products, except machinery and equipment
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**JADUAL
TABLE 3.1**

Perubahan Peratus IHPR (2010=100) Pengeluaran Tempatan mengikut Bahagian (MSIC 2008), Malaysia (samb.)
Percentage Change of PPI (2010=100) Local Production by Division (MSIC 2008), Malaysia (cont'd)

Tempoh		26		27		28		29	
Bahagian		Pembuatan komputer, produk elektronik dan optikal		Pembuatan kelengkapan elektrik		Pembuatan jentera dan peralatan t.t.t.l.		Pembuatan kenderaan bermotor, treler dan semi treler	
Wajaran (Weight)		18.788		2.577		2.058		3.963	
		YoY %	MoM %	YoY %	MoM %	YoY %	MoM %	YoY %	MoM %
2017		-0.5		6.8		-1.1		2.9	
2018		-4.0		-0.4		-1.6		-2.4	
2019		1.5		-0.1		0.6		3.3	
2020		1.8		-0.2		-1.9		-1.6	
2021		-2.2		1.2		2.1		1.2	
2021	ST1/Q1	-1.1		-1.1		0.1		0.6	
	ST2/Q2	-2.3		-0.3		1.9		0.5	
	ST3/Q3	-3.7		2.1		3.8		1.6	
	ST4/Q4	-2.1		4.1		2.9		2.0	
2022	ST1/Q1	-1.1		7.5		3.0		2.4	
	ST2/Q2	1.6		8.6		1.8		3.9	
2021	Jan - Jul/July	-2.0		-0.6		1.4		0.7	
2022	Jan - Jul/July	0.9		8.5		2.3		3.5	
2021	Jan	-0.9	0.2	-1.9	-0.5	-0.6	-0.5	1.3	0.8
	Feb	-0.7	-0.8	-0.9	0.2	0.7	1.1	-0.1	-0.2
	Mac/Mar	-1.7	-0.4	-0.4	0.7	0.2	-1.2	0.6	0.6
	Apr	-2.6	-0.4	-0.4	0.5	1.0	1.2	0.0	-0.6
	Mei/May	-1.9	0.2	-0.6	0.0	1.8	0.3	0.1	0.8
	Jun/June	-2.2	0.0	-0.1	0.8	2.9	0.3	1.3	-0.3
	Jul/July	-3.6	-1.1	0.4	-0.3	4.5	0.3	1.6	-0.2
	Ogos/Aug	-4.5	-0.1	3.0	1.8	3.7	-0.2	1.6	-0.4
	Sept	-2.9	0.0	3.0	-0.3	3.3	0.2	1.5	-0.2
	Okt/Oct	-2.7	0.2	4.0	1.0	3.3	0.2	3.4	0.3
	Nov	-1.8	1.1	3.9	0.1	2.9	0.6	1.7	0.2
	Dis/Dec	-1.7	-0.7	4.3	0.3	2.5	0.2	1.1	0.3
2022	Jan	-2.4	-0.5	6.9	1.9	3.8	0.8	1.8	1.5
	Feb	-0.9	0.8	7.9	1.2	2.2	-0.5	2.3	0.3
	Mac/Mar	0.1	0.6	8.0	0.7	2.9	-0.5	3.2	1.5
	Apr	1.6	1.1	7.9	0.4	1.6	-0.1	3.9	0.1
	Mei/May	1.3	-0.1	8.9	0.9	1.7	0.4	3.2	0.1
	Jun/June	2.1	0.9	9.0	0.9	2.1	0.7	4.4	0.8
	Jul/July	4.1	0.9	10.7	1.2	1.6	-0.2	5.3	0.7
Period Division	Manufacture of computer, electronic and optical products		Manufacture of electrical equipment		Manufacture of machinery and equipment n.e.c.		Manufacture of motor vehicles, trailers and semi-trailers		

**JADUAL
TABLE 3.1**

Perubahan Peratus IHPR (2010=100) Pengeluaran Tempatan mengikut Bahagian (MSIC 2008), Malaysia (samb.)
Percentage Change of PPI (2010=100) Local Production by Division (MSIC 2008), Malaysia (cont'd)

Tempoh Bahagian		30 Pembuatan kelengkapan pengangkutan lain		31 Pembuatan perabot		35 Bekalan elektrik dan gas		36 Penakungan, perawatan dan bekalan air	
Wajaran (Weight)		1.404		0.947		3.442		0.330	
		YoY %	MoM %	YoY %	MoM %	YoY %	MoM %	YoY %	MoM %
2017		13.8		1.3		1.9		-0.1	
2018		-0.7		-7.3		1.1		0.3	
2019		2.0		-0.8		1.5		-2.2	
2020		-2.6		0.9		-0.4		-0.2	
2021		-4.3		-1.9		-0.4		0.5	
2021	ST1/Q1	-5.7		-1.0		-1.7		0.4	
	ST2/Q2	-4.8		-1.8		-0.3		1.4	
	ST3/Q3	-2.9		-2.6		0.2		0.0	
	ST4/Q4	-3.6		-2.1		0.3		0.2	
2022	ST1/Q1	-0.3		-0.6		0.6		1.4	
	ST2/Q2	3.8		2.3		-0.1		1.5	
2021	Jan - Jul/July	-4.9		-1.4		-0.8		1.0	
2022	Jan - Jul/July	2.3		1.1		0.3		1.5	
2021	Jan	-4.6	-1.7	0.1	-0.1	-1.9	-0.1	0.5	-0.2
	Feb	-6.2	-2.2	-1.3	-1.2	-1.9	0.3	0.8	-0.4
	Mac/Mar	-6.3	0.2	-1.8	-0.7	-1.4	0.8	-0.1	-0.2
	Apr	-5.4	1.1	-3.0	-0.8	-0.8	0.3	1.2	0.6
	Mei/May	-5.6	-0.5	-2.7	-0.1	0.1	0.7	1.5	0.1
	Jun/June	-3.6	0.9	0.4	0.3	-0.2	-0.8	1.6	-0.2
	Jul/July	-2.8	-0.7	-1.4	-0.1	0.2	-0.2	1.3	-0.2
	Ogos/Aug	-2.4	-0.1	-2.7	0.2	0.4	0.1	-0.4	-0.2
	Sept	-3.4	-1.5	-3.7	0.5	-0.2	-0.5	-0.8	-0.1
	Okt/Oct	-2.6	0.4	-2.7	0.0	0.7	0.4	-0.7	0.1
	Nov	-3.4	-0.1	-1.5	0.0	-0.3	-0.3	0.2	0.9
	Dis/Dec	-4.6	-0.5	-2.1	-0.1	0.7	0.1	0.9	0.5
2022	Jan	-2.5	0.5	-1.9	0.1	0.9	0.1	1.2	0.2
	Feb	0.7	1.1	-0.5	0.2	0.8	0.2	1.4	-0.2
	Mac/Mar	0.7	0.2	0.7	0.5	0.2	0.2	1.7	0.1
	Apr	2.7	3.0	2.1	0.6	0.6	0.7	1.2	0.2
	Mei/May	4.2	1.0	2.5	0.3	-0.6	-0.5	1.2	0.1
	Jun/June	4.6	1.2	2.2	0.0	-0.2	-0.4	2.1	0.7
	Jul/July	5.8	0.5	2.6	0.3	0.9	0.9	2.1	-0.3

Period Division	Manufacture of other transport equipment	Manufacture of furniture	Electricity and gas supply	Water collection, treatment and supply
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JADUAL
TABLE **4**

IHPR (2010=100) Pengeluaran Tempatan dan Perubahan Peratus mengikut Peringkat Pemprosesan, Malaysia
PPI (2010=100) Local Production and Percentage Change by Stage of Processing, Malaysia

Peringkat Pemprosesan <i>Stage of Processing</i>	Kod <i>Code</i>	Wajaran <i>Weight</i>	Indeks <i>Index</i>			Perubahan Peratus <i>Percentage Change</i>	
			Jul/July 2021	Jun/June 2022	Jul/July 2022	Jul/July 2022 - Jul/July 2021	Jul/July 2022 - Jun/June 2022
Jumlah <i>Total</i>		100.000	112.5	124.0	121.1	7.6	-2.3
Bahan mentah untuk diproseskan selanjutnya <i>Crude materials for further processing</i>	1	16.410	122.5	139.9	123.8	1.1	-11.5
Bahan makanan dan makanan untuk binatang <i>Foodstuffs and feedstuffs</i>	1.1	3.243	127.1	133.6	132.4	4.2	-0.9
Bahan bukan makanan <i>Non-food materials</i>	1.2	13.167	119.7	138.7	120.2	0.4	-13.3
Bahan bukan makanan kecuali bahan api <i>Non-food materials except fuel</i>	1.2.1	3.972	135.0	162.1	112.3	-16.8	-30.7
Bahan api mentah <i>Crude fuel</i>	1.2.2	9.195	111.4	126.3	123.2	10.6	-2.5
Bahan perantaraan, bekalan dan komponen <i>Intermediate materials, supplies and components</i>	2	56.119	114.8	128.9	129.1	12.5	0.2
Bahan dan komponen untuk pembuatan <i>Materials and components for manufacturing</i>	2.1	29.589	112.6	128.0	126.8	12.6	-0.9
Bahan untuk pembuatan makanan <i>Materials for food manufacturing</i>	2.1.1	4.468	119.3	145.3	138.4	16.0	-4.7
Bahan untuk pembuatan lain <i>Materials for other manufacturing</i>	2.1.2	25.121	112.9	126.3	126.3	11.9	0.0
Bahan dan komponen untuk pembinaan <i>Materials and components for construction</i>	2.2	2.896	104.5	109.8	109.6	4.9	-0.2
Bahan api yang diproses dan pelincir <i>Processed fuel and lubricants</i>	2.3	11.880	124.3	144.3	147.2	18.4	2.0
Bekas <i>Containers</i>	2.4	0.579	116.3	119.8	119.1	2.4	-0.6
Bekalan <i>Supplies</i>	2.5	11.175	118.1	125.2	127.5	8.0	1.8
Industri pembuatan <i>Manufacturing industries</i>	2.5.1	6.793	118.0	123.5	125.3	6.2	1.5
Industri bukan pembuatan <i>Non-manufacturing industries</i>	2.5.2	4.382	115.8	125.2	128.1	10.6	2.3
Makanan binatang <i>Feeds</i>	2.5.2.1	0.564	131.0	152.5	156.5	19.5	2.6
Bekalan lain <i>Other supplies</i>	2.5.2.2	3.818	113.3	120.5	123.3	8.8	2.3

Peringkat Pemprosesan Stage of Processing	Kod Code	Wajaran Weight	Indeks Index			Perubahan Peratus Percentage Change	
			Jul/July 2021	Jun/June 2022	Jul/July 2022	Jul/July 2022 - Jul/July 2021	Jul/July 2022 - Jun/June 2022
Barang siap <i>Finished goods</i>	3	27.471	100.7	103.1	103.1	2.4	0.0
Barangan pengguna siap <i>Finished consumer goods</i>	3.1	11.511	109.9	113.0	113.2	3.0	0.2
Makanan pengguna siap <i>Finished consumer foods</i>	3.1.1	3.508	118.3	126.1	126.3	6.8	0.2
Mentah <i>Crude</i>	3.1.1.1	0.265	143.6	142.9	143.1	-0.3	0.1
Diproses <i>Processed</i>	3.1.1.2	3.243	115.7	124.1	124.2	7.3	0.1
Barangan pengguna siap kecuali makanan <i>Finished consumer goods, excluding foods</i>	3.1.2	8.003	106.3	107.5	107.7	1.3	0.2
Tahan lama <i>Durable</i>	3.1.2.1	1.887	95.1	99.6	100.2	5.4	0.6
Semi-tahan lama <i>Semi-durable</i>	3.1.2.2	1.560	111.6	116.3	116.3	4.2	0.0
Tidak tahan lama <i>Non-durable</i>	3.1.2.3	4.556	108.1	106.8	106.8	-1.2	0.0
Kelengkapan modal <i>Capital equipment</i>	3.2	15.960	95.9	97.8	97.7	1.9	-0.1
Industri pembuatan <i>Manufacturing industries</i>	3.2.1	6.037	96.7	97.3	97.3	0.6	0.0
Industri bukan pembuatan <i>Non-manufacturing industries</i>	3.2.2	9.923	94.9	97.7	97.5	2.7	-0.2

JADUAL
TABLE **4.1**

IHPR (2010=100) Pengeluaran Tempatan mengikut Peringkat Pemprosesan, Malaysia
PPI (2010=100) Local Production by Stage of Processing, Malaysia

Tempoh Peringkat Pemprosesan		Jumlah	1 Bahan mentah untuk diproseskan selanjutnya	1.1 Bahan makanan dan makanan untuk binatang	1.2 Bahan bukan makanan	1.2.1 Bahan bukan makanan kecuali bahan api	1.2.2 Bahan api mentah
Wajaran (<i>Weight</i>)		100.000	16.410	3.243	13.167	3.972	9.195
2017		107.9	107.9	131.5	101.9	104.7	100.7
2018		106.7	110.7	128.9	105.7	80.8	116.8
2019		105.2	106.4	129.2	100.7	74.2	112.7
2020		102.4	93.3	124.4	86.4	97.4	80.4
2021		112.1	121.6	128.0	118.4	142.2	106.1
2021	ST1/Q1	108.5	114.7	125.4	110.9	139.5	96.3
	ST2/Q2	111.3	120.7	127.7	117.5	143.8	103.8
	ST3/Q3	113.1	123.2	128.4	120.3	138.0	110.8
	ST4/Q4	115.5	127.7	130.3	125.1	147.6	113.4
2022	ST1/Q1	119.6	137.4	130.6	136.2	173.8	117.0
	ST2/Q2	123.6	141.3	132.2	140.5	177.9	121.3
2021	Jan - Jul/July	110.3	118.4	126.6	115.0	140.7	101.7
2022	Jan - Jul/July	121.5	137.1	131.6	135.8	166.8	119.8
2021	Jan	107.2	110.0	124.2	105.7	135.9	90.3
	Feb	108.8	115.9	126.0	112.2	139.1	98.5
	Mac/Mar	109.6	118.1	126.0	114.7	143.4	100.0
	Apr	110.5	120.0	128.0	116.6	148.2	100.5
	Mei/May	111.6	122.3	127.6	119.4	152.8	102.3
	Jun/June	111.8	119.7	127.5	116.4	130.5	108.7
	Jul/July	112.5	122.5	127.1	119.7	135.0	111.4
	Ogos/Aug	113.2	123.2	128.8	120.2	139.4	110.0
	Sept	113.6	123.9	129.4	120.9	139.7	111.0
	Okt/Oct	114.7	127.2	129.5	124.6	142.0	115.3
	Nov	116.3	130.1	130.4	127.9	153.8	114.5
	Dis/Dec	115.6	125.8	130.9	122.8	147.0	110.3
2022	Jan	117.1	130.1	130.9	127.8	156.6	112.9
	Feb	119.4	136.4	130.6	135.1	172.3	116.1
	Mac/Mar	122.3	145.6	130.3	145.8	192.6	122.1
	Apr	122.6	140.5	130.6	139.8	185.1	116.9
	Mei/May	124.1	143.5	132.5	143.0	186.6	120.8
	Jun/June	124.0	139.9	133.6	138.7	162.1	126.3
	Jul/July	121.1	123.8	132.4	120.2	112.3	123.2
Period Stage of Processing	Total	Crude materials for further processing	Foodstuffs and feedstuffs	Non-food materials	Non-food materials except fuel	Crude fuel	

**JADUAL
TABLE 4.1**

IHPR (2010=100) Pengeluaran Tempatan mengikut Peringkat Pemprosesan, Malaysia (samb.)
PPI (2010=100) Local Production by Stage of Processing, Malaysia (cont'd)

Tempoh Peringkat Pemprosesan		2 Bahan perantaraan, bekalan dan komponen	2.1 Bahan dan komponen untuk pembuatan	2.1.1 Bahan untuk pembuatan makanan	2.1.2 Bahan untuk pembuatan lain	2.2 Bahan dan komponen untuk pembinaan	2.3 Bahan api yang diproses dan pelincir
Wajaran (Weight)		56.119	29.589	4.468	25.121	2.896	11.880
2017		110.1	109.1	104.5	110.9	105.9	108.5
2018		108.0	103.4	90.1	107.7	104.4	117.9
2019		106.5	99.6	82.1	104.7	104.5	120.6
2020		106.0	101.5	92.7	104.8	104.0	112.1
2021		114.2	112.1	118.4	112.4	104.7	123.0
2021	ST1/Q1	109.7	107.7	112.1	108.4	103.3	115.0
	ST2/Q2	113.0	111.1	117.6	111.3	104.2	120.1
	ST3/Q3	115.7	113.3	119.6	113.6	104.9	126.5
	ST4/Q4	118.5	116.2	124.1	116.3	106.5	130.4
2022	ST1/Q1	122.4	120.6	132.6	119.8	107.6	136.5
	ST2/Q2	127.9	127.1	144.9	125.3	109.4	142.6
2021	Jan - Jul/July	111.8	109.8	115.5	110.3	103.9	118.5
2022	Jan - Jul/July	125.7	124.3	138.7	123.1	108.7	140.6
2021	Jan	108.8	106.4	109.8	107.2	103.4	113.8
	Feb	109.8	107.7	112.1	108.4	103.1	115.5
	Mac/Mar	110.6	109.0	114.5	109.5	103.4	115.7
	Apr	111.9	110.0	115.9	110.4	104.1	118.1
	Mei/May	112.9	111.0	117.8	111.2	104.2	119.9
	Jun/June	114.1	112.2	119.1	112.4	104.3	122.3
	Jul/July	114.8	112.6	119.3	112.9	104.5	124.3
	Ogos/Aug	115.9	113.3	119.5	113.6	104.7	127.3
	Sept	116.4	113.9	119.9	114.3	105.4	127.8
	Okt/Oct	117.4	114.9	121.8	115.2	106.0	128.9
	Nov	118.9	116.7	125.4	116.6	106.7	130.5
	Dis/Dec	119.2	117.0	125.1	117.1	106.8	131.8
2022	Jan	120.5	118.5	128.2	118.2	107.3	133.9
	Feb	122.3	120.4	132.4	119.7	107.4	136.7
	Mac/Mar	124.4	122.9	137.3	121.6	108.2	139.0
	Apr	126.6	125.7	142.6	124.0	108.8	141.1
	Mei/May	128.1	127.7	146.7	125.6	109.7	142.3
	Jun/June	128.9	128.0	145.3	126.3	109.8	144.3
	Jul/July	129.1	126.8	138.4	126.3	109.6	147.2

Period Stage of Processing	Intermediate materials, supplies and components	Materials and components for manufacturing	Materials for food manufacturing	Materials for other manufacturing	Materials and components for construction	Processed fuels and lubricants
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TABLE **4.1**

IHPR (2010=100) Pengeluaran Tempatan mengikut Peringkat Pemprosesan, Malaysia (samb.)
PPI (2010=100) Local Production by Stage of Processing, Malaysia (cont'd)

Tempoh Peringkat Pemprosesan		2.4 Bekas	2.5 Bekalan	2.5.1 Industri pembuatan	2.5.2 Industri bukan pembuatan	2.5.2.1 Makanan binatang	2.5.2.2 Bekalan lain
Wajaran (Weight)		0.579	11.175	6.793	4.382	0.564	3.818
2017		109.9	120.8	121.2	117.9	117.9	117.9
2018		112.4	116.2	116.0	114.2	118.4	113.5
2019		114.2	116.8	115.8	116.0	119.0	115.4
2020		112.7	117.2	117.5	114.6	119.0	113.8
2021		115.8	118.0	117.8	116.0	129.7	113.7
2021	ST1/Q1	113.6	115.9	116.0	113.5	124.4	111.6
	ST2/Q2	116.0	117.3	117.4	114.6	128.8	112.2
	ST3/Q3	116.8	118.8	118.4	116.9	132.0	114.3
	ST4/Q4	116.9	120.2	119.3	118.9	133.7	116.5
2022	ST1/Q1	117.0	121.4	119.8	121.4	137.7	118.7
	ST2/Q2	118.9	124.2	122.2	124.7	148.3	120.7
2021	Jan - Jul/July	115.0	116.8	116.9	114.3	127.2	112.1
2022	Jan - Jul/July	118.1	123.5	121.6	123.8	144.9	120.2
2021	Jan	112.7	116.3	116.4	113.8	122.9	112.3
	Feb	113.3	115.6	115.7	113.2	124.4	111.3
	Mac/Mar	114.9	115.9	116.0	113.4	125.8	111.3
	Apr	117.0	116.7	116.9	114.1	127.8	111.8
	Mei/May	115.5	117.3	117.5	114.5	128.8	112.1
	Jun/June	115.6	117.8	117.9	115.2	129.9	112.7
	Jul/July	116.3	118.1	118.0	115.8	131.0	113.3
	Ogos/Aug	117.1	118.9	118.4	117.2	132.0	114.7
	Sept	116.9	119.3	118.8	117.6	133.1	115.0
	Okt/Oct	117.6	119.7	119.2	118.0	133.6	115.4
	Nov	116.7	120.7	119.9	119.4	133.7	117.0
	Dis/Dec	116.5	120.1	118.9	119.4	133.7	117.0
2022	Jan	116.2	120.4	119.3	119.6	135.3	116.9
	Feb	117.1	121.4	119.7	121.5	137.2	118.9
	Mac/Mar	117.8	122.5	120.4	123.1	140.7	120.2
	Apr	117.9	123.5	121.2	124.3	143.6	121.0
	Mei/May	119.0	124.0	121.9	124.6	148.7	120.5
	Jun/June	119.8	125.2	123.5	125.2	152.5	120.5
	Jul/July	119.1	127.5	125.3	128.1	156.5	123.3

Period Stage of Processing	Containers	Supplies	Manufacturing industries	Non- manufacturing industries	Feeds	Other supplies
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**JADUAL
TABLE 4.1**

IHPR (2010=100) Pengeluaran Tempatan mengikut Peringkat Pemprosesan, Malaysia (samb.)
PPI (2010=100) Local Production by Stage of Processing, Malaysia (cont'd)

Tempoh Peringkat Pemprosesan		3 Barang siap	3.1 Barangan pengguna siap	3.1.1 Makanan pengguna siap	3.1.1.1 Mentah	3.1.1.2 Diproses
Wajaran (Weight)		27.471	11.511	3.508	0.265	3.243
2017		103.4	110.5	117.1	143.9	114.4
2018		100.9	108.1	116.5	142.2	113.9
2019		101.5	106.6	114.4	139.7	111.8
2020		101.4	107.0	115.4	136.8	113.1
2021		101.2	109.9	118.6	140.7	116.2
2021	ST1/Q1	101.7	109.3	116.7	139.0	114.4
	ST2/Q2	101.4	109.7	117.7	141.0	115.3
	ST3/Q3	100.6	110.1	118.7	141.2	116.3
	ST4/Q4	101.0	110.5	121.1	141.5	118.8
2022	ST1/Q1	101.5	111.3	123.1	142.0	120.9
	ST2/Q2	102.6	112.5	125.2	143.8	123.0
2021	Jan - Jul/July	101.4	109.6	117.4	140.5	115.0
2022	Jan - Jul/July	102.2	112.1	124.4	142.9	122.3
2021	Jan	101.9	109.0	116.7	137.6	114.4
	Feb	101.8	109.4	116.7	138.8	114.4
	Mac/Mar	101.5	109.5	116.8	140.6	114.3
	Apr	101.1	109.5	117.3	141.0	114.9
	Mei/May	101.5	109.7	117.7	140.7	115.3
	Jun/June	101.5	110.0	118.2	141.3	115.8
	Jul/July	100.7	109.9	118.3	143.6	115.7
	Ogos/Aug	100.5	110.0	118.5	139.9	116.2
	Sept	100.5	110.4	119.3	140.2	117.0
	Okt/Oct	100.5	110.1	119.5	140.3	117.2
	Nov	101.3	110.8	121.5	141.0	119.3
	Dis/Dec	101.1	110.7	122.2	143.3	119.8
2022	Jan	101.1	110.9	122.6	142.1	120.4
	Feb	101.6	111.5	123.2	141.7	121.1
	Mac/Mar	101.9	111.6	123.4	142.2	121.2
	Apr	102.2	111.9	124.2	144.5	121.9
	Mei/May	102.5	112.6	125.3	143.9	123.1
	Jun/June	103.1	113.0	126.1	142.9	124.1
	Jul/July	103.1	113.2	126.3	143.1	124.2

Period Stage of Processing	Finished goods	Finished consumer goods	Finished consumer foods	Crude	Processed
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JADUAL 4.1
TABLE

IHPR (2010=100) Pengeluaran Tempatan mengikut Peringkat Pemprosesan, Malaysia (samb.)
PPI (2010=100) Local Production by Stage of Processing, Malaysia (cont'd)

Tempoh Peringkat Pemprosesan		3.1.2 Barangan pengguna siap kecuali makanan	3.1.2.1 Tahan lama	3.1.2.2 Semi-tahan lama	3.1.2.3 Tidak tahan lama	3.2 Kelengkapan modal	3.2.1 Industri pembuatan	3.2.2 Industri bukan pembuatan
Wajaran (Weight)		8.003	1.887	1.560	4.556	15.960	6.037	9.923
2017		107.6	104.0	112.5	106.6	100.1	102.4	98.2
2018		104.4	97.6	112.0	103.7	97.6	100.3	95.5
2019		103.2	96.3	112.3	102.1	99.6	98.8	99.6
2020		103.4	96.5	111.4	102.7	99.1	96.6	100.3
2021		106.2	95.8	112.0	107.6	96.7	95.9	96.7
2021	ST1/Q1	106.1	95.9	111.5	107.6	98.1	95.0	99.6
	ST2/Q2	106.2	95.0	111.2	108.3	97.1	96.1	97.3
	ST3/Q3	106.4	95.6	112.2	107.9	95.5	96.6	94.4
	ST4/Q4	106.1	96.7	113.0	106.6	95.9	96.0	95.4
2022	ST1/Q1	106.4	97.7	115.0	106.1	96.3	95.9	96.2
	ST2/Q2	107.1	99.3	116.1	106.4	97.3	96.7	97.3
2021	Jan - Jul/July	106.2	95.4	111.4	108.0	97.4	95.7	97.9
2022	Jan - Jul/July	106.9	98.7	115.6	106.3	96.9	96.5	96.8
2021	Jan	105.7	96.3	111.2	106.8	98.6	95.1	100.3
	Feb	106.2	95.7	112.1	107.7	98.1	95.0	99.6
	Mac/Mar	106.4	95.7	111.3	108.2	97.6	94.9	98.8
	Apr	106.0	95.2	110.6	108.1	96.9	95.4	97.4
	Mei/May	106.3	94.9	111.2	108.4	97.3	96.3	97.5
	Jun/June	106.4	94.8	111.8	108.5	97.1	96.6	97.0
	Jul/July	106.3	95.1	111.6	108.1	95.9	96.7	94.9
	Ogos/Aug	106.3	95.7	112.3	107.7	95.4	96.8	94.2
	Sept	106.5	95.9	112.8	107.9	95.2	96.2	94.2
	Okt/Oct	106.1	96.5	112.7	106.9	95.4	96.0	94.6
	Nov	106.2	96.9	113.1	106.7	96.3	96.1	96.0
	Dis/Dec	105.9	96.8	113.3	106.2	96.0	95.9	95.7
2022	Jan	106.0	97.4	114.3	105.8	95.9	95.6	95.7
	Feb	106.5	97.6	115.4	106.2	96.3	96.0	96.1
	Mac/Mar	106.6	98.0	115.2	106.3	96.7	96.1	96.7
	Apr	106.7	98.9	115.6	106.0	97.0	96.3	97.1
	Mei/May	107.2	99.4	116.3	106.4	97.1	96.6	97.0
	Jun/June	107.5	99.6	116.3	106.8	97.8	97.3	97.7
	Jul/July	107.7	100.2	116.3	106.8	97.7	97.3	97.5
Period Stage of Processing		Finished consumer goods excluding foods	Durable	Semi- durable	Non- durable	Capital equipment	Manufacturing industries	Non- manufacturing industries

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TABLE 4.2
Perubahan Peratus IHPR (2010=100) Pengeluaran Tempatan mengikut Peringkat Pemprosesan, Malaysia
Percentage Change of PPI (2010=100) Local Production by Stage of Processing, Malaysia

Tempoh Peringkat Pemprosesan		Jumlah		1 Bahan mentah untuk diproseskan selanjutnya		1.1 Bahan makanan dan makanan untuk binatang		1.2 Bahan bukan makanan		1.2.1 Bahan bukan makanan kecuali bahan api		1.2.2 Bahan api mentah	
Wajaran (Weight)		100.000		16.410		3.243		13.167		3.972		9.195	
		YoY %	MoM %	YoY %	MoM %	YoY %	MoM %	YoY %	MoM %	YoY %	MoM %	YoY %	MoM %
2017		6.7		14.8		6.2		17.9		5.1		24.6	
2018		-1.1		2.6		-2.0		3.7		-22.8		16.0	
2019		-1.4		-3.9		0.2		-4.7		-8.2		-3.5	
2020		-2.7		-12.3		-3.7		-14.2		31.3		-28.7	
2021		9.5		30.3		2.9		37.0		46.0		32.0	
2021	ST1/Q1	3.0		11.4		-0.7		14.1		54.0		-3.3	
	ST2/Q2	11.3		49.2		1.8		63.6		76.9		55.6	
	ST3/Q3	11.8		33.6		3.6		41.4		41.7		41.1	
	ST4/Q4	11.9		31.4		6.9		37.0		22.7		47.8	
2022	ST1/Q1	10.2		19.8		4.1		22.8		24.6		21.5	
	ST2/Q2	11.1		17.1		3.5		19.6		23.7		16.9	
2021	Jan - Jul/July	7.7		29.1		0.6		36.6		62.8		23.3	
2022	Jan - Jul/July	10.2		15.8		3.9		18.1		18.6		17.8	
2021	Jan	-0.1	2.0	-3.4	6.2	-3.4	1.6	-3.4	7.2	38.7	3.5	-20.9	10.0
	Feb	2.7	1.5	10.0	5.4	0.2	1.4	12.1	6.1	57.9	2.4	-6.3	9.1
	Mac/Mar	6.7	0.7	31.8	1.9	1.0	0.0	39.9	2.2	67.1	3.1	25.8	1.5
	Apr	10.6	0.8	55.8	1.6	4.8	1.6	71.7	1.7	79.2	3.3	66.7	0.5
	Mei/May	11.9	1.0	53.6	1.9	1.7	-0.3	69.8	2.4	104.8	3.1	51.1	1.8
	Jun/June	11.5	0.2	39.2	-2.1	-0.9	-0.1	50.8	-2.5	50.9	-14.6	50.8	6.3
	Jul/July	11.7	0.6	35.8	2.3	1.2	-0.3	44.9	2.8	51.0	3.4	41.7	2.5
	Ogos/Aug	11.3	0.6	30.9	0.6	4.4	1.3	37.5	0.4	40.4	3.3	35.8	-1.3
	Sept	12.3	0.4	34.4	0.6	5.4	0.5	41.6	0.6	34.8	0.2	46.2	0.9
	Okt/Oct	13.2	1.0	40.4	2.7	5.9	0.1	49.0	3.1	34.5	1.6	59.5	3.9
	Nov	12.6	1.4	33.4	2.3	7.5	0.7	39.3	2.6	24.0	8.3	51.5	-0.7
	Dis/Dec	10.0	-0.6	21.4	-3.3	7.1	0.4	24.5	-4.0	12.0	-4.4	34.3	-3.7
2022	Jan	9.2	1.3	18.3	3.4	5.4	0.0	20.9	4.1	15.2	6.5	25.0	2.4
	Feb	9.7	2.0	17.7	4.8	3.7	-0.2	20.4	5.7	23.9	10.0	17.9	2.8
	Mac/Mar	11.6	2.4	23.3	6.7	3.4	-0.2	27.1	7.9	34.3	11.8	22.1	5.2
	Apr	11.0	0.2	17.1	-3.5	2.0	0.2	19.9	-4.1	24.9	-3.9	16.3	-4.3
	Mei/May	11.2	1.2	17.3	2.1	3.8	1.5	19.8	2.3	22.1	0.8	18.1	3.3
	Jun/June	10.9	-0.1	16.9	-2.5	4.8	0.8	19.2	-3.0	24.2	-13.1	16.2	4.6
	Jul/July	7.6	-2.3	1.1	-11.5	4.2	-0.9	0.4	-13.3	-16.8	-30.7	10.6	-2.5
Period Stage of Processing		Total	Crude materials for further processing		Foodstuffs and feedstuffs		Non-food materials		Non-food materials except fuel		Crude fuel		

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TABLE 4.2

Perubahan Peratus IHPR (2010=100) Pengeluaran Tempatan mengikut Peringkat Pemprosesan, Malaysia (samb.)
Percentage Change of PPI (2010=100) Local Production by Stage of Processing, Malaysia (cont'd)

Tempoh Peringkat Pemprosesan	2 Bahan perantaraan, bekalan dan komponen		2.1 Bahan dan komponen untuk pembuatan		2.1.1 Bahan untuk pembuatan makanan		2.1.2 Bahan untuk pembuatan lain		2.2 Bahan dan komponen untuk pembinaan		2.3 Bahan api yang diproses dan pelincir	
Wajaran (<i>Weight</i>)	56.119		29.589		4.468		25.121		2.896		11.880	
	YoY %	MoM %	YoY %	MoM %	YoY %	MoM %	YoY %	MoM %	YoY %	MoM %	YoY %	MoM %
2017	6.7		5.6		7.8		4.8		2.0		15.3	
2018	-1.9		-5.2		-13.8		-2.9		-1.4		8.7	
2019	-1.4		-3.7		-8.9		-2.8		0.1		2.3	
2020	-0.5		1.9		12.9		0.1		-0.5		-7.0	
2021	7.7		10.4		27.7		7.3		0.7		9.7	
2021 ST1/Q1	1.8		5.7		20.4		3.0		-1.3		-4.0	
ST2/Q2	6.9		11.1		36.7		6.6		-0.4		5.0	
ST3/Q3	11.1		13.0		32.4		9.3		1.3		19.0	
ST4/Q4	11.6		12.1		22.1		10.0		3.5		20.9	
2022 ST1/Q1	11.6		12.0		18.3		10.5		4.2		18.7	
ST2/Q2	13.2		14.4		23.2		12.6		5.0		18.7	
2021 Jan - Jul/July	5.2		9.0		29.6		5.4		-0.7		2.4	
2022 Jan - Jul/July	12.4		13.2		20.1		11.6		4.6		18.6	
2021 Jan	1.1	1.2	4.9	1.4	18.4	3.6	2.3	0.9	-1.3	0.5	-5.1	2.7
Feb	1.5	0.9	5.2	1.2	18.6	2.1	2.7	1.1	-1.6	-0.3	-4.4	1.5
Mac/Mar	2.8	0.7	7.0	1.2	24.3	2.1	3.9	1.0	-1.1	0.3	-2.5	0.2
Apr	4.8	1.2	9.0	0.9	31.1	1.2	5.1	0.8	-0.7	0.7	0.4	2.1
Mei/May	6.9	0.9	10.8	0.9	36.5	1.6	6.3	0.7	-0.5	0.1	5.6	1.5
Jun/June	9.0	1.1	13.4	1.1	43.0	1.1	8.4	1.1	0.0	0.1	9.1	2.0
Jul/July	10.5	0.6	13.5	0.4	37.8	0.2	9.3	0.4	0.5	0.2	15.7	1.6
Ogos/Aug	11.2	1.0	12.7	0.6	32.2	0.2	9.1	0.6	1.3	0.2	20.0	2.4
Sept	11.6	0.4	12.5	0.5	27.8	0.3	9.7	0.6	1.8	0.7	21.4	0.4
Okt/Oct	11.7	0.9	12.0	0.9	24.2	1.6	9.7	0.8	2.8	0.6	21.9	0.9
Nov	12.1	1.3	12.5	1.6	24.7	3.0	10.2	1.2	3.9	0.7	21.8	1.2
Dis/Dec	10.9	0.3	11.5	0.3	18.0	-0.2	10.3	0.4	3.8	0.1	19.0	1.0
2022 Jan	10.8	1.1	11.4	1.3	16.8	2.5	10.3	0.9	3.8	0.5	17.7	1.6
Feb	11.4	1.5	11.8	1.6	18.1	3.3	10.4	1.3	4.2	0.1	18.4	2.1
Mac/Mar	12.5	1.7	12.8	2.1	19.9	3.7	11.1	1.6	4.6	0.7	20.1	1.7
Apr	13.1	1.8	14.3	2.3	23.0	3.9	12.3	2.0	4.5	0.6	19.5	1.5
Mei/May	13.5	1.2	15.0	1.6	24.5	2.9	12.9	1.3	5.3	0.8	18.7	0.9
Jun/June	13.0	0.6	14.1	0.2	22.0	-1.0	12.4	0.6	5.3	0.1	18.0	1.4
Jul/July	12.5	0.2	12.6	-0.9	16.0	-4.7	11.9	0.0	4.9	-0.2	18.4	2.0
Period Stage of Processing	Intermediate materials, supplies and components		Materials and components for manufacturing		Materials for food manufacturing		Materials for other manufacturing		Materials and components for construction		Processed fuels and lubricants	

Tempoh Peringkat Pemprosesan		2.4 Bekas		2.5 Bekalan		2.5.1 Industri pembuatan		2.5.2 Industri bukan pembuatan		2.5.2.1 Makanan binatang		2.5.2.2 Bekalan lain	
Wajaran (Weight)		0.579		11.175		6.793		4.382		0.564		3.818	
		YoY %	MoM %	YoY %	MoM %	YoY %	MoM %	YoY %	MoM %	YoY %	MoM %	YoY %	MoM %
2017		5.5		0.3		-0.6		7.4		-		7.4	
2018		2.3		-3.8		-4.3		-3.1		0.4		-3.7	
2019		1.6		0.5		-0.2		1.6		0.5		1.7	
2020		-1.3		0.3		1.5		-1.2		0.0		-1.4	
2021		2.8		0.7		0.3		1.2		9.0		-0.1	
2021	ST1/Q1	-0.3		-1.3		-1.2		-1.4		4.9		-2.5	
	ST2/Q2	3.0		-0.4		-0.2		-1.0		8.0		-2.5	
	ST3/Q3	3.7		1.5		0.6		2.7		11.2		1.2	
	ST4/Q4	4.7		3.1		1.9		4.7		11.9		3.5	
2022	ST1/Q1	3.0		4.7		3.3		7.0		10.7		6.4	
	ST2/Q2	2.5		5.9		4.1		8.8		15.1		7.6	
2021	Jan - Jul/July	1.7		-0.8		-0.7		-1.0		7.1		-2.4	
2022	Jan - Jul/July	2.7		5.7		4.0		8.3		13.9		7.2	
2021	Jan	-0.9	1.3	-1.3	-0.5	-1.2	-0.5	-1.5	-0.6	4.2	0.8	-2.4	-0.8
	Feb	-0.8	0.5	-1.3	-0.6	-1.3	-0.6	-1.3	-0.5	4.8	1.2	-2.4	-0.9
	Mac/Mar	1.1	1.4	-1.3	0.3	-1.1	0.3	-1.5	0.2	5.6	1.1	-2.7	0.0
	Apr	3.5	1.8	-0.8	0.7	-0.2	0.8	-1.7	0.6	6.7	1.6	-3.2	0.4
	Mei/May	2.8	-1.3	-0.3	0.5	0.0	0.5	-1.0	0.4	8.2	0.8	-2.5	0.3
	Jun/June	2.8	0.1	-0.2	0.4	-0.3	0.3	-0.2	0.6	9.0	0.9	-1.8	0.5
	Jul/July	3.6	0.6	0.0	0.3	-0.5	0.1	0.6	0.5	10.9	0.8	-1.1	0.5
	Ogos/Aug	4.4	0.7	1.6	0.7	0.3	0.3	3.6	1.2	10.6	0.8	2.4	1.2
	Sept	3.2	-0.2	2.8	0.3	1.9	0.3	3.9	0.3	12.1	0.8	2.5	0.3
	Okt/Oct	5.1	0.6	3.1	0.3	1.8	0.3	5.0	0.3	12.8	0.4	3.6	0.3
	Nov	4.6	-0.8	3.3	0.8	2.3	0.6	4.7	1.2	13.2	0.1	3.3	1.4
	Dis/Dec	4.8	-0.2	2.7	-0.5	1.6	-0.8	4.3	0.0	9.7	0.0	3.4	0.0
2022	Jan	3.1	-0.3	3.5	0.2	2.5	0.3	5.1	0.2	10.1	1.2	4.1	-0.1
	Feb	3.4	0.8	5.0	0.8	3.5	0.3	7.3	1.6	10.3	1.4	6.8	1.7
	Mac/Mar	2.5	0.6	5.7	0.9	3.8	0.6	8.6	1.3	11.8	2.6	8.0	1.1
	Apr	0.8	0.1	5.8	0.8	3.7	0.7	8.9	1.0	12.4	2.1	8.2	0.7
	Mei/May	3.0	0.9	5.7	0.4	3.7	0.6	8.8	0.2	15.5	3.6	7.5	-0.4
	Jun/June	3.6	0.7	6.3	1.0	4.7	1.3	8.7	0.5	17.4	2.6	6.9	0.0
	Jul/July	2.4	-0.6	8.0	1.8	6.2	1.5	10.6	2.3	19.5	2.6	8.8	2.3

Period Stage of Processing	Containers	Supplies	Manufacturing industries	Non- manufacturing industries	Feeds	Other supplies
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Tempoh		3		3.1		3.1.1		3.1.1.1		3.1.1.2		3.1.2	
Peringkat Pemprosesan		Barang siap		Barangan pengguna siap		Makanan pengguna siap		Mentah		Diproses		Barangan pengguna siap, kecuali makanan	
Wajaran (Weight)		27.471		11.511		3.508		0.265		3.243		8.003	
		YoY %	MoM %	YoY %	MoM %	YoY %	MoM %	YoY %	MoM %	YoY %	MoM %	YoY %	MoM %
2017		0.9		1.7		2.4		2.6		2.3		1.3	
2018		-2.4		-2.2		-0.5		-1.2		-0.4		-3.0	
2019		0.6		-1.4		-1.8		-1.8		-1.8		-1.1	
2020		-0.1		0.4		0.9		-2.1		1.2		0.2	
2021		-0.2		2.7		2.8		2.9		2.7		2.7	
2021	ST1/Q1	0.1		2.4		1.7		0.7		1.9		2.8	
	ST2/Q2	0.0		2.9		2.3		4.1		2.1		3.2	
	ST3/Q3	-0.7		3.0		2.3		3.4		2.3		3.2	
	ST4/Q4	-0.2		2.4		4.5		3.3		4.6		1.5	
2022	ST1/Q1	-0.2		1.8		5.5		2.2		5.7		0.3	
	ST2/Q2	1.2		2.6		6.4		2.0		6.7		0.8	
2021	Jan - Jul/July	-0.1		2.7		2.1		2.8		2.0		3.0	
2022	Jan - Jul/July	0.8		2.3		6.0		1.7		6.3		0.7	
2021	Jan	0.1	0.6	2.0	0.6	1.7	0.7	-0.7	1.0	2.0	0.7	2.1	0.5
	Feb	0.4	-0.1	2.5	0.4	1.6	0.0	0.3	0.9	1.7	0.0	3.0	0.5
	Mac/Mar	-0.2	-0.3	2.7	0.1	2.0	0.1	2.5	1.3	2.0	-0.1	3.2	0.2
	Apr	-0.7	-0.4	2.7	0.0	2.4	0.4	5.1	0.3	2.3	0.5	2.7	-0.4
	Mei/May	0.2	0.4	3.0	0.2	2.3	0.3	2.9	-0.2	2.3	0.3	3.3	0.3
	Jun/June	0.3	0.0	3.2	0.3	2.1	0.4	4.3	0.4	1.9	0.4	3.6	0.1
	Jul/July	-0.4	-0.8	2.8	-0.1	2.1	0.1	5.5	1.6	1.8	-0.1	3.2	-0.1
	Ogos/Aug	-1.3	-0.2	2.9	0.1	1.8	0.2	2.3	-2.6	1.8	0.4	3.3	0.0
	Sept	-0.5	0.0	3.2	0.4	3.2	0.7	2.6	0.2	3.3	0.7	3.1	0.2
	Okt/Oct	-0.5	0.0	2.5	-0.3	3.2	0.2	2.9	0.1	3.3	0.2	2.1	-0.4
	Nov	-0.1	0.8	2.6	0.6	4.7	1.7	2.0	0.5	4.8	1.8	1.7	0.1
	Dis/Dec	-0.2	-0.2	2.1	-0.1	5.4	0.6	5.2	1.6	5.5	0.4	0.7	-0.3
2022	Jan	-0.8	0.0	1.7	0.2	5.1	0.3	3.3	-0.8	5.2	0.5	0.3	0.1
	Feb	-0.2	0.5	1.9	0.5	5.6	0.5	2.1	-0.3	5.9	0.6	0.3	0.5
	Mac/Mar	0.4	0.3	1.9	0.1	5.7	0.2	1.1	0.4	6.0	0.1	0.2	0.1
	Apr	1.1	0.3	2.2	0.3	5.9	0.6	2.5	1.6	6.1	0.6	0.7	0.1
	Mei/May	1.0	0.3	2.6	0.6	6.5	0.9	2.3	-0.4	6.8	1.0	0.8	0.5
	Jun/June	1.6	0.6	2.7	0.4	6.7	0.6	1.1	-0.7	7.2	0.8	1.0	0.3
	Jul/July	2.4	0.0	3.0	0.2	6.8	0.2	-0.3	0.1	7.3	0.1	1.3	0.2

Period Stage of Processing	Finished goods	Finished consumer goods	Finished consumer foods	Crude	Processed	Finished consumer goods, excluding foods
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**JADUAL
TABLE 4.2**

Perubahan Peratus IHPR (2010=100) Pengeluaran Tempatan mengikut Peringkat Pemprosesan, Malaysia (samb.)
Percentage Change of PPI (2010=100) Local Production by Stage of Processing, Malaysia (cont'd)

Tempoh Peringkat Pemprosesan		3.1.2.1 Tahan lama		3.1.2.2 Semi-tahan lama		3.1.2.3 Tidak tahan lama		3.2 Kelengkapan modal		3.2.1 Industri pembuatan		3.2.2 Industri bukan pembuatan	
Wajaran (Weight)		1.887		1.560		4.556		15.960		6.037		9.923	
		YoY %	MoM %	YoY %	MoM %	YoY %	MoM %	YoY %	MoM %	YoY %	MoM %	YoY %	MoM %
2017		-0.4		1.6		2.2		0.5		1.4		-0.3	
2018		-6.2		-0.4		-2.7		-2.5		-2.1		-2.7	
2019		-1.3		0.3		-1.5		2.0		-1.5		4.3	
2020		0.2		-0.8		0.6		-0.5		-2.2		0.7	
2021		-0.7		0.5		4.8		-2.4		-0.7		-3.6	
2021	ST1/Q1	-0.8		-0.2		5.4		-1.7		-2.7		-1.1	
	ST2/Q2	-1.9		-0.4		6.6		-2.4		-0.5		-3.7	
	ST3/Q3	-1.0		1.2		5.6		-3.6		0.8		-6.3	
	ST4/Q4	0.7		1.6		1.7		-2.3		-0.4		-3.4	
2022	ST1/Q1	1.9		3.1		-1.4		-1.8		0.9		-3.4	
	ST2/Q2	4.5		4.4		-1.8		0.2		0.6		0.0	
2021	Jan - Jul/July	-1.4		-0.2		6.0		-2.1		-1.2		-2.9	
2022	Jan - Jul/July	3.5		3.8		-1.6		-0.5		0.8		-1.1	
2021	Jan	-0.9	0.2	-0.8	-0.4	4.5	0.8	-1.4	0.7	-3.4	-1.1	-0.2	1.8
	Feb	-0.7	-0.6	0.5	0.8	5.5	0.8	-1.3	-0.5	-2.4	-0.1	-0.7	-0.7
	Mac/Mar	-0.8	0.0	-0.2	-0.7	6.0	0.5	-2.4	-0.5	-2.2	-0.1	-2.6	-0.8
	Apr	-2.1	-0.5	-0.9	-0.6	6.1	-0.1	-3.2	-0.7	-1.8	0.5	-4.1	-1.4
	Mei/May	-1.8	-0.3	-0.5	0.5	6.8	0.3	-2.1	0.4	-0.1	0.9	-3.4	0.1
	Jun/June	-2.0	-0.1	0.2	0.5	7.1	0.1	-1.9	-0.2	0.3	0.3	-3.4	-0.5
	Jul/July	-1.8	0.3	0.7	-0.2	6.0	-0.4	-2.9	-1.2	1.0	0.1	-5.4	-2.2
	Ogos/Aug	-0.6	0.6	1.2	0.6	5.6	-0.4	-4.6	-0.5	1.1	0.1	-7.8	-0.7
	Sept	-0.7	0.2	1.7	0.4	5.3	0.2	-3.4	-0.2	0.2	-0.6	-5.5	0.0
	Okt/Oct	0.2	0.6	1.7	-0.1	3.1	-0.9	-2.9	0.2	-0.5	-0.2	-4.3	0.4
	Nov	1.5	0.4	1.7	0.4	1.7	-0.2	-2.1	0.9	-0.4	0.1	-3.1	1.5
	Dis/Dec	0.7	-0.1	1.5	0.2	0.3	-0.5	-1.9	-0.3	-0.3	-0.2	-2.8	-0.3
2022	Jan	1.1	0.6	2.8	0.9	-0.9	-0.4	-2.7	-0.1	0.5	-0.3	-4.6	0.0
	Feb	2.0	0.2	2.9	1.0	-1.4	0.4	-1.8	0.4	1.1	0.4	-3.5	0.4
	Mac/Mar	2.4	0.4	3.5	-0.2	-1.8	0.1	-0.9	0.4	1.3	0.1	-2.1	0.6
	Apr	3.9	0.9	4.5	0.3	-1.9	-0.3	0.1	0.3	0.9	0.2	-0.3	0.4
	Mei/May	4.7	0.5	4.6	0.6	-1.8	0.4	-0.2	0.1	0.3	0.3	-0.5	-0.1
	Jun/June	5.1	0.2	4.0	0.0	-1.6	0.4	0.7	0.7	0.7	0.7	0.7	0.7
	Jul/July	5.4	0.6	4.2	0.0	-1.2	0.0	1.9	-0.1	0.6	0.0	2.7	-0.2

Period Stage of Processing	Durable	Semi-durable	Non-durable	Capital equipment	Manufacturing industries	Non- manufacturing industries
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JADUAL
TABLE 5

IHPR (2010=100) Pengeluaran Tempatan dan Perubahan Peratus mengikut Seksyen Barangan (SITC 4), Malaysia
PPI (2010=100) Local Production and Percentage Change by Commodity Section (SITC 4), Malaysia

Seksyen Barangan Commodity Section	Kod Code	Wajaran Weight	Indeks Index			Perubahan Peratus Percentage Change	
			Jul/July 2021	Jun/June 2022	Jul/July 2022	Jul/July 2022 - Jul/July 2021	Jul/July 2022 - Jun/June 2022
Jumlah <i>Total</i>		100.000	112.5	124.0	121.1	7.6	-2.3
Makanan <i>Food</i>	0	7.454	127.7	136.7	136.7	7.0	0.0
Minuman dan tembakau <i>Beverages and tobacco</i>	1	1.307	112.4	113.6	113.5	1.0	-0.1
Bahan-bahan mentah tidak boleh dimakan <i>Crude materials, inedible</i>	2	5.769	125.2	146.7	110.8	-11.5	-24.5
Bahan api galian, pelincir, dll. <i>Mineral fuels, lubricants, etc.</i>	3	21.075	117.6	135.0	134.8	14.6	-0.1
Minyak dan lemak binatang dan sayur-sayuran <i>Animal and vegetable oils and fats</i>	4	9.287	115.2	141.3	136.2	18.2	-3.6
Bahan kimia <i>Chemicals</i>	5	8.557	114.8	126.5	127.3	10.9	0.6
Barang-barang keluaran kilang <i>Manufactured goods</i>	6	13.672	110.6	119.0	119.1	7.7	0.1
Jentera dan kelengkapan pengangkutan <i>Machinery and transport equipment</i>	7	25.611	102.4	106.7	107.6	5.1	0.8
Pelbagai barang keluaran kilang <i>Miscellaneous manufactured articles</i>	8	7.268	106.4	104.3	104.4	-1.9	0.1

JADUAL
TABLE

5.1

IHPR (2010=100) Pengeluaran Tempatan mengikut Seksyen Barangan (SITC 4), Malaysia
PPI (2010=100) Local Production by Commodity Section (SITC 4), Malaysia

Tempoh Seksyen Barangan		Jumlah	0 Makanan	1 Minuman dan tembakau	2 Bahan- bahan mentah tidak boleh dimakan	3 Bahan api galian, pelincir, dll.
Wajaran (Weight)		100.000	7.454	1.307	5.769	21.075
2017		107.9	126.9	113.7	102.8	104.9
2018		106.7	126.0	114.2	85.0	117.3
2019		105.2	125.3	113.3	79.9	116.5
2020		102.4	123.8	112.8	96.5	95.8
2021		112.1	128.0	112.7	130.7	114.2
2021	ST1/Q1	108.5	125.4	113.0	128.1	105.3
	ST2/Q2	111.3	127.4	112.8	131.7	111.7
	ST3/Q3	113.1	128.6	112.0	127.6	118.4
	ST4/Q4	115.5	130.7	112.8	135.2	121.6
2022	ST1/Q1	119.6	132.2	112.8	154.6	126.5
	ST2/Q2	123.6	135.1	113.4	157.9	131.6
2021	Jan - Jul/July	110.3	126.6	112.8	129.3	109.8
2022	Jan - Jul/July	121.5	134.1	113.1	149.8	129.9
2021	Jan	107.2	124.7	113.1	125.4	101.7
	Feb	108.8	125.6	113.1	127.8	106.7
	Mac/Mar	109.6	125.8	112.8	131.2	107.6
	Apr	110.5	127.2	112.9	134.8	109.0
	Mei/May	111.6	127.3	112.8	138.2	110.8
	Jun/June	111.8	127.7	112.7	122.2	115.2
	Jul/July	112.5	127.7	112.4	125.2	117.6
	Ogos/Aug	113.2	128.6	111.9	128.7	118.4
	Sept	113.6	129.4	111.8	129.0	119.1
	Okt/Oct	114.7	129.6	112.5	130.9	121.9
	Nov	116.3	131.0	113.2	139.8	122.2
	Dis/Dec	115.6	131.4	112.6	135.0	120.7
2022	Jan	117.1	131.8	112.6	142.1	123.1
	Feb	119.4	132.2	112.8	153.5	126.1
	Mac/Mar	122.3	132.5	112.9	168.2	130.3
	Apr	122.6	133.3	113.0	163.0	128.6
	Mei/May	124.1	135.4	113.5	164.1	131.2
	Jun/June	124.0	136.7	113.6	146.7	135.0
	Jul/July	121.1	136.7	113.5	110.8	134.8
Period Commodity Section		Total	Food	Beverages and tobacco	Crude materials, inedible	Mineral fuels, lubricants, etc.

JADUAL
TABLE 5.1

IHPR (2010=100) Pengeluaran Tempatan mengikut Seksyen Barangan (SITC 4), Malaysia (samb.)
PPI (2010=100) Local Production by Commodity Section (SITC 4), Malaysia (cont'd)

		4	5	6	7	8
Tempoh Seksyen Barangan		Minyak dan lemak binatang dan sayur- sayuran	Bahan kimia	Barang- barang keluaran kilang	Jentera dan kelengkapan pengangkutan	Pelbagai barang keluaran kilang
Wajaran (Weight)		9.287	8.557	13.672	25.611	7.268
2017		108.0	114.5	108.0	105.3	109.5
2018		93.6	113.2	108.7	102.0	105.6
2019		85.6	109.4	107.4	104.4	103.8
2020		93.4	106.4	107.3	104.6	103.1
2021		114.7	113.4	110.7	103.0	105.6
2021	ST1/Q1	108.7	108.0	108.3	103.4	105.2
	ST2/Q2	113.8	112.2	109.6	103.0	105.9
	ST3/Q3	115.7	115.5	111.3	102.4	106.3
	ST4/Q4	120.4	117.9	113.5	103.1	105.0
2022	ST1/Q1	128.9	120.9	115.1	104.3	104.0
	ST2/Q2	140.5	125.5	118.1	106.2	103.9
2021	Jan - Jul/July	111.8	110.8	109.2	103.1	105.7
2022	Jan - Jul/July	134.9	123.8	116.9	105.6	104.0
2021	Jan	106.7	106.2	107.9	103.9	104.7
	Feb	108.7	108.2	108.2	103.3	105.3
	Mac/Mar	110.7	109.5	108.9	102.9	105.6
	Apr	112.3	110.8	109.3	102.7	105.5
	Mei/May	114.1	112.1	109.3	103.1	106.0
	Jun/June	115.0	113.7	110.2	103.2	106.3
	Jul/July	115.2	114.8	110.6	102.4	106.4
	Ogos/Aug	115.8	115.5	111.2	102.4	106.3
	Sept	116.2	116.2	112.0	102.4	106.3
	Okt/Oct	118.0	116.6	112.9	102.7	105.4
	Nov	121.4	118.2	113.7	103.5	105.1
	Dis/Dec	121.7	118.9	113.9	103.2	104.4
2022	Jan	124.5	119.8	114.4	103.5	103.8
	Feb	128.7	120.6	115.0	104.2	104.2
	Mac/Mar	133.6	122.3	115.8	105.1	104.0
	Apr	138.3	124.3	117.0	105.9	103.8
	Mei/May	141.9	125.7	118.3	106.0	103.7
	Jun/June	141.3	126.5	119.0	106.7	104.3
	Jul/July	136.2	127.3	119.1	107.6	104.4

Period Commodity Section	Animal and vegetable oils and fats	Chemicals	Manufactured goods	Machinery and transport equipment	Miscellaneous manufactured articles
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JADUAL
TABLE **5.2**

Perubahan Peratus IHPR (2010=100) Pengeluaran Tempatan mengikut Seksyen Barangan (SITC 4), Malaysia
Percentage Change of PPI (2010=100) Local Production by Commodity Section (SITC 4), Malaysia

Tempoh		Jumlah		0		1		2		3	
Seksyen Barangan				Makanan		Minuman dan tembakau		Bahan-bahan mentah tidak boleh dimakan		Bahan api galian, pelincir, dll.	
Wajaran (Weight)		100.000		7.454		1.307		5.769		21.075	
		YoY %	MoM %	YoY %	MoM %	YoY %	MoM %	YoY %	MoM %	YoY %	MoM %
2017		6.7		5.0		1.2		6.1		19.2	
2018		-1.1		-0.7		0.4		-17.3		11.8	
2019		-1.4		-0.6		-0.8		-6.0		-0.7	
2020		-2.7		-1.2		-0.4		20.8		-17.8	
2021		9.5		3.4		-0.1		35.4		19.2	
2021	ST1/Q1	3.0		1.0		-0.3		39.4		-3.7	
	ST2/Q2	11.3		2.6		0.3		56.2		24.2	
	ST3/Q3	11.8		3.8		-0.5		32.6		28.7	
	ST4/Q4	11.9		6.3		0.0		18.9		32.5	
2022	ST1/Q1	10.2		5.4		-0.2		20.7		20.1	
	ST2/Q2	11.1		6.0		0.5		19.9		17.8	
2021	Jan - Jul/July	7.7		1.9		0.0		46.3		11.4	
2022	Jan - Jul/July	10.2		5.9		0.3		15.9		18.3	
2021	Jan	-0.1	2.0	-0.3	1.1	-0.3	0.1	28.7	2.9	-12.9	5.8
	Feb	2.7	1.5	1.2	0.7	-0.3	0.0	41.8	1.9	-5.3	4.9
	Mac/Mar	6.7	0.7	1.9	0.2	-0.4	-0.3	48.8	2.7	9.1	0.8
	Apr	10.6	0.8	3.8	1.1	-0.1	0.1	57.7	2.7	23.6	1.3
	Mei/May	11.9	1.0	2.6	0.1	0.4	-0.1	74.3	2.5	23.1	1.7
	Jun/June	11.5	0.2	1.3	0.3	0.6	-0.1	38.9	-11.6	25.8	4.0
	Jul/July	11.7	0.6	2.5	0.0	0.1	-0.3	38.8	2.5	27.0	2.1
	Ogos/Aug	11.3	0.6	3.8	0.7	-0.6	-0.4	32.0	2.8	27.0	0.7
	Sept	12.3	0.4	5.1	0.6	-1.0	-0.1	28.0	0.2	32.0	0.6
	Okt/Oct	13.2	1.0	5.4	0.2	-0.1	0.6	27.5	1.5	37.7	2.4
	Nov	12.6	1.4	6.8	1.1	0.4	0.6	20.0	6.8	34.4	0.2
	Dis/Dec	10.0	-0.6	6.6	0.3	-0.4	-0.5	10.7	-3.4	25.6	-1.2
2022	Jan	9.2	1.3	5.7	0.3	-0.4	0.0	13.3	5.3	21.0	2.0
	Feb	9.7	2.0	5.3	0.3	-0.3	0.2	20.1	8.0	18.2	2.4
	Mac/Mar	11.6	2.4	5.3	0.2	0.1	0.1	28.2	9.6	21.1	3.3
	Apr	11.0	0.2	4.8	0.6	0.1	0.1	20.9	-3.1	18.0	-1.3
	Mei/May	11.2	1.2	6.4	1.6	0.6	0.4	18.7	0.7	18.4	2.0
	Jun/June	10.9	-0.1	7.0	1.0	0.8	0.1	20.0	-10.6	17.2	2.9
	Jul/July	7.6	-2.3	7.0	0.0	1.0	-0.1	-11.5	-24.5	14.6	-0.1

Period Commodity Section	Total	Food	Beverages and tobacco	Crude materials, inedible	Mineral fuels, lubricants, etc.
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**JADUAL
TABLE 5.2**

Perubahan Peratus IHPR (2010=100) Pengeluaran Tempatan mengikut Seksyen Barangan (SITC 4), Malaysia (samb.)
Percentage Change of PPI (2010=100) Local Production by Commodity Section (SITC 4), Malaysia (cont'd)

Tempoh Seksyen Barangan		4 Minyak dan lemak binatang dan sayur-sayuran		5 Bahan kimia		6 Barang-barang keluaran kilang		7 Jentera dan kelengkapan pengangkutan		8 Pelbagai barang keluaran kilang	
Wajaran (Weight)		9.287		8.557		13.672		25.611		7.268	
		YoY %	MoM %	YoY %	MoM %	YoY %	MoM %	YoY %	MoM %	YoY %	MoM %
2017		7.9		2.1		4.0		0.5		2.1	
2018		-13.3		-1.1		0.6		-3.1		-3.6	
2019		-8.5		-3.4		-1.2		2.4		-1.7	
2020		9.1		-2.7		-0.1		0.2		-0.7	
2021		22.8		6.6		3.2		-1.5		2.4	
2021	ST1/Q1	15.3		0.1		1.2		-1.6		2.5	
	ST2/Q2	28.0		5.1		2.0		-1.9		3.1	
	ST3/Q3	27.7		9.6		3.8		-2.1		3.3	
	ST4/Q4	20.5		12.0		5.7		-0.7		0.9	
2022	ST1/Q1	18.6		11.9		6.3		0.9		-1.1	
	ST2/Q2	23.5		11.9		7.8		3.1		-1.9	
2021	Jan - Jul/July	22.7		3.5		1.9		-1.8		2.9	
2022	Jan - Jul/July	20.7		11.7		7.1		2.4		-1.6	
2021	Jan	14.6	3.4	-1.3	1.0	1.0	0.4	-1.4	0.2	1.4	0.0
	Feb	13.7	1.9	0.0	1.9	1.1	0.3	-1.3	-0.6	3.1	0.6
	Mac/Mar	17.5	1.8	1.5	1.2	1.6	0.6	-2.1	-0.4	3.0	0.3
	Apr	23.1	1.4	3.4	1.2	1.7	0.4	-2.5	-0.2	2.5	-0.1
	Mei/May	28.2	1.6	4.5	1.2	1.3	0.0	-1.7	0.4	3.3	0.5
	Jun/June	32.8	0.8	7.3	1.4	2.8	0.8	-1.6	0.1	3.7	0.3
	Jul/July	31.2	0.2	8.6	1.0	3.5	0.4	-2.3	-0.8	3.4	0.1
	Ogos/Aug	27.4	0.5	9.7	0.6	3.6	0.5	-2.7	0.0	3.5	-0.1
	Sept	24.7	0.3	10.4	0.6	4.4	0.7	-1.4	0.0	3.2	0.0
	Okt/Oct	21.6	1.5	10.6	0.3	5.2	0.8	-0.9	0.3	1.8	-0.8
	Nov	22.0	2.9	12.1	1.4	5.9	0.7	-0.6	0.8	0.9	-0.3
	Dis/Dec	17.9	0.2	13.0	0.6	6.0	0.2	-0.5	-0.3	-0.3	-0.7
2022	Jan	16.7	2.3	12.8	0.8	6.0	0.4	-0.4	0.3	-0.9	-0.6
	Feb	18.4	3.4	11.5	0.7	6.3	0.5	0.9	0.7	-1.0	0.4
	Mac/Mar	20.7	3.8	11.7	1.4	6.3	0.7	2.1	0.9	-1.5	-0.2
	Apr	23.2	3.5	12.2	1.6	7.0	1.0	3.1	0.8	-1.6	-0.2
	Mei/May	24.4	2.6	12.1	1.1	8.2	1.1	2.8	0.1	-2.2	-0.1
	Jun/June	22.9	-0.4	11.3	0.6	8.0	0.6	3.4	0.7	-1.9	0.6
	Jul/July	18.2	-3.6	10.9	0.6	7.7	0.1	5.1	0.8	-1.9	0.1

Period Commodity Section	Animal and vegetable oils and fats	Chemicals	Manufactured goods	Machinery and transport equipment	Miscellaneous manufactured articles
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**JADUAL
TABLE 6**
IHPR (2010=100) Pengeluaran Tempatan dan Perubahan Peratus mengikut Sektor (MSIC 2008), Malaysia
PPI (2010=100) Local Production and Percentage Change by Sector (MSIC 2008), Malaysia

Tempoh Period	Sektor Sector	Jumlah Total		A Pertanian, perhutanan dan perikanan <i>Agriculture, forestry and fishing</i>		B Perlombongan Mining		C Pembuatan Manufacturing		D Bekalan elektrik dan gas Electricity and gas supply		E Bekalan air Water supply	
Wajaran (Weight)		100.000		6.730		7.927		81.571		3.442		0.330	
		Indeks Index	YoY %	Indeks Index	YoY %	Indeks Index	YoY %	Indeks Index	YoY %	Indeks Index	YoY %	Indeks Index	YoY %
2011		112.3	12.3	119.6	19.6	136.1	36.1	109.0	9.0	103.9	3.9	104.2	4.2
2012		111.8	-0.4	105.9	-11.5	141.1	3.7	109.0	0.0	107.2	3.2	104.1	-0.1
2013		108.8	-2.7	94.2	-11.0	140.6	-0.4	106.4	-2.4	107.9	0.7	106.6	2.4
2014		110.4	1.5	95.9	1.8	134.8	-4.1	108.7	2.2	119.0	10.3	107.6	0.9
2015		102.2	-7.4	92.2	-3.9	86.1	-36.1	104.8	-3.6	113.5	-4.6	110.3	2.5
2016		101.1	-1.1	107.2	16.3	72.9	-15.3	103.5	-1.2	112.5	-0.9	114.2	3.5
2017		107.9	6.7	114.7	7.0	90.9	24.7	109.0	5.3	114.6	1.9	114.1	-0.1
2018		106.7	-1.1	98.7	-13.9	106.8	17.5	107.0	-1.8	115.9	1.1	114.4	0.3
2019		105.2	-1.4	94.8	-4.0	102.9	-3.7	106.0	-0.9	117.6	1.5	111.9	-2.2
2020		102.4	-2.7	109.7	15.7	65.5	-36.3	105.6	-0.4	117.1	-0.4	111.7	-0.2
2021		112.1	9.5	142.8	30.2	92.5	41.2	111.4	5.5	116.6	-0.4	112.3	0.5
2016	ST1/Q1	99.6	-4.4	99.2	4.3	68.6	-25.8	103.0	-2.9	111.1	-4.5	112.9	6.2
	ST2/Q2	99.9	-2.1	105.5	14.2	71.7	-21.5	102.3	-1.4	111.4	-2.8	114.8	4.9
	ST3/Q3	100.4	-0.6	107.8	20.7	70.2	-11.9	102.8	-1.5	113.3	1.2	114.3	2.4
	ST4/Q4	104.7	2.9	116.2	26.0	81.3	0.2	105.9	1.0	114.4	2.9	114.7	0.8
2017	ST1/Q1	109.6	10.0	124.3	25.3	94.1	37.2	109.7	6.5	114.6	3.2	113.2	0.3
	ST2/Q2	107.2	7.3	110.9	5.1	85.7	19.5	109.1	6.6	114.3	2.6	114.2	-0.5
	ST3/Q3	107.0	6.6	112.2	4.1	87.1	24.1	108.5	5.5	115.0	1.5	114.6	0.3
	ST4/Q4	107.9	3.1	111.3	-4.2	96.8	19.1	108.6	2.5	114.6	0.2	114.4	-0.3
2018	ST1/Q1	107.1	-2.3	107.2	-13.8	99.6	5.8	107.7	-1.8	115.3	0.6	114.1	0.8
	ST2/Q2	106.8	-0.4	101.1	-8.8	107.9	25.9	106.7	-2.2	116.2	1.7	114.6	0.4
	ST3/Q3	107.1	0.1	96.8	-13.7	113.3	30.1	106.9	-1.5	116.0	0.9	114.7	0.1
	ST4/Q4	105.7	-2.0	89.8	-19.3	106.4	9.9	106.7	-1.7	116.1	1.3	114.3	-0.1
2019	ST1/Q1	104.7	-2.2	93.0	-13.2	98.5	-1.1	106.1	-1.5	117.2	1.6	112.3	-1.6
	ST2/Q2	105.1	-1.6	89.7	-11.3	105.9	-1.9	106.0	-0.7	117.9	1.5	112.0	-2.3
	ST3/Q3	104.8	-2.1	94.0	-2.9	99.9	-11.8	105.8	-1.0	118.0	1.7	111.5	-2.8
	ST4/Q4	106.3	0.6	102.5	14.1	107.2	0.8	106.2	-0.5	117.3	1.0	111.7	-2.3
2020	ST1/Q1	105.3	0.6	105.6	13.5	87.7	-11.0	106.9	0.8	118.1	0.8	111.5	-0.7
	ST2/Q2	100.0	-4.9	98.5	9.8	51.5	-51.4	105.3	-0.7	117.7	-0.2	110.8	-1.1
	ST3/Q3	101.2	-3.4	109.5	16.5	61.9	-38.0	104.6	-1.1	116.4	-1.4	111.9	0.4
	ST4/Q4	103.2	-2.9	125.1	22.0	61.0	-43.1	105.8	-0.4	116.1	-1.0	112.6	0.8
2021	ST1/Q1	108.5	3.0	140.0	32.6	81.3	-7.3	108.6	1.6	116.1	-1.7	112.0	0.4
	ST2/Q2	111.3	11.3	143.8	46.0	89.6	74.0	110.6	5.0	117.3	-0.3	112.4	1.4
	ST3/Q3	113.1	11.8	140.0	27.9	98.4	59.0	112.2	7.3	116.6	0.2	111.9	0.0
	ST4/Q4	115.5	11.9	147.5	17.9	100.9	65.4	114.2	7.9	116.5	0.3	112.8	0.2
2022	ST1/Q1	119.6	10.2	165.8	18.4	104.3	28.3	117.3	8.0	116.8	0.6	113.6	1.4
	ST2/Q2	123.6	11.1	169.1	17.6	106.4	18.8	121.7	10.0	117.2	-0.1	114.1	1.5
2021	Jan - Jul/July	110.3	7.7	141.2	37.9	87.3	27.3	109.9	3.9	116.7	-0.8	112.2	1.0
2022	Jan - Jul/July	121.5	10.2	161.1	14.1	105.7	21.1	119.9	9.1	117.1	0.3	113.9	1.5

**JADUAL
TABLE**
6
IHPR (2010=100) Pengeluaran Tempatan dan Perubahan Peratus mengikut Sektor (MSIC 2008), Malaysia (samb.)
PPI (2010=100) Local Production and Percentage Change by Sector (MSIC 2008), Malaysia (cont'd)

Tempoh Period	Sektor Sector	Jumlah Total			A Pertanian, perhutanan dan perikanan <i>Agriculture, forestry and fishing</i>			B Perlombongan <i>Mining</i>			C Pembuatan <i>Manufacturing</i>			D Bekalan elektrik dan gas <i>Electricity and gas supply</i>			E Bekalan air <i>Water supply</i>		
Wajaran (Weight)		100.000			6.730			7.927			81.571			3.442			0.330		
		Indeks Index	YoY %	MoM %	Indeks Index	YoY %	MoM %	Indeks Index	YoY %	MoM %	Indeks Index	YoY %	MoM %	Indeks Index	YoY %	MoM %	Indeks Index	YoY %	MoM %
2019	Jan	104.4	-3.6	0.6	94.7	-14.0	7.2	95.3	-8.4	1.8	105.9	-2.3	-0.1	116.6	2.2	0.3	113.0	-1.0	-1.7
	Feb	105.0	-1.6	0.6	94.9	-11.6	0.2	99.8	2.4	4.7	106.1	-1.3	0.2	116.3	0.8	-0.3	111.9	-2.0	-1.0
	Mac/Mar	104.7	-1.5	-0.3	89.4	-14.2	-5.8	100.3	3.0	0.5	106.2	-0.8	0.1	118.8	2.1	2.1	112.1	-1.7	0.2
	Apr	105.3	-1.4	0.6	90.3	-11.9	1.0	107.2	1.4	6.9	106.0	-0.8	-0.2	117.9	1.5	-0.8	112.2	-2.6	0.1
	Mei/May	105.5	-1.5	0.2	88.9	-12.8	-1.6	110.1	-0.4	2.7	106.1	-0.6	0.1	118.0	1.2	0.1	112.0	-2.3	-0.2
	Jun/June	104.5	-1.8	-0.9	89.9	-9.2	1.1	100.5	-6.4	-8.7	105.8	-0.8	-0.3	117.8	1.8	-0.2	111.8	-1.8	-0.2
	Jul/July	104.4	-2.2	-0.1	91.1	-6.5	1.3	99.3	-9.9	-1.2	105.7	-0.9	-0.1	118.0	1.5	0.2	111.4	-2.8	-0.4
	Ogos/Aug	104.6	-1.9	0.2	95.8	-0.9	5.2	97.3	-10.9	-2.0	105.7	-1.0	0.0	118.5	2.2	0.4	111.6	-2.6	0.2
	Sept	105.3	-2.4	0.7	95.1	-1.1	-0.7	103.1	-14.4	6.0	106.0	-1.0	0.3	117.4	1.3	-0.9	111.6	-2.8	0.0
	Okt/Oct	105.1	-2.9	-0.2	94.9	1.5	-0.2	100.5	-18.2	-2.5	106.1	-1.3	0.1	117.3	1.3	-0.1	111.6	-1.8	0.0
	Nov	106.5	1.2	1.3	104.9	19.9	10.5	109.4	6.4	8.9	105.9	-0.7	-0.2	116.9	0.6	-0.3	111.7	-2.3	0.1
	Dis/Dec	107.4	3.5	0.8	107.6	21.9	2.6	111.7	19.3	2.1	106.5	0.5	0.6	117.7	1.2	0.7	111.7	-2.9	0.0
2020	Jan	107.3	2.8	-0.1	111.7	18.0	3.8	104.1	9.2	-6.8	106.9	0.9	0.4	117.8	1.0	0.1	111.7	-1.2	0.0
	Feb	105.9	0.9	-1.3	103.6	9.2	-7.3	94.6	-5.2	-9.1	107.0	0.8	0.1	118.2	1.6	0.3	111.0	-0.8	-0.6
	Mac/Mar	102.7	-1.9	-3.0	101.4	13.4	-2.1	64.4	-35.8	-31.9	106.8	0.6	-0.2	118.4	-0.3	0.2	111.8	-0.3	0.7
	Apr	99.9	-5.1	-2.7	98.2	8.7	-3.2	44.7	-58.3	-30.6	106.1	0.1	-0.7	118.1	0.2	-0.3	111.1	-1.0	-0.6
	Mei/May	99.7	-5.5	-0.2	93.8	5.5	-4.5	52.1	-52.7	16.6	105.3	-0.8	-0.8	117.8	-0.2	-0.3	110.8	-1.1	-0.3
	Jun/June	100.3	-4.0	0.6	103.5	15.1	10.3	57.8	-42.5	10.9	104.5	-1.2	-0.8	117.1	-0.6	-0.6	110.5	-1.2	-0.3
	Jul/July	100.7	-3.5	0.4	104.4	14.6	0.9	62.6	-37.0	8.3	104.3	-1.3	-0.2	116.5	-1.3	-0.5	110.7	-0.6	0.2
	Ogos/Aug	101.7	-2.8	1.0	110.7	15.6	6.0	64.5	-33.7	3.0	104.8	-0.9	0.5	116.3	-1.9	-0.2	112.4	0.7	1.5
	Sept	101.2	-3.9	-0.5	113.5	19.3	2.5	58.6	-43.2	-9.1	104.6	-1.3	-0.2	116.4	-0.9	0.1	112.7	1.0	0.3
	Okt/Oct	101.3	-3.6	0.1	114.8	21.0	1.1	56.8	-43.5	-3.1	104.9	-1.1	0.3	115.9	-1.2	-0.4	112.7	1.0	0.0
	Nov	103.3	-3.0	2.0	127.5	21.5	11.1	59.3	-45.8	4.4	105.8	-0.1	0.9	116.7	-0.2	0.7	112.7	0.9	0.0
	Dis/Dec	105.1	-2.1	1.7	132.9	23.5	4.2	67.0	-40.0	13.0	106.7	0.2	0.9	115.7	-1.7	-0.9	112.5	0.7	-0.2
2021	Jan	107.2	-0.1	2.0	136.9	22.6	3.0	74.6	-28.3	11.3	108.1	1.1	1.3	115.6	-1.9	-0.1	112.3	0.5	-0.2
	Feb	108.8	2.7	1.5	139.9	35.0	2.2	84.2	-11.0	12.9	108.6	1.5	0.5	115.9	-1.9	0.3	111.9	0.8	-0.4
	Mac/Mar	109.6	6.7	0.7	143.1	41.1	2.3	85.0	32.0	1.0	109.2	2.2	0.6	116.8	-1.4	0.8	111.7	-0.1	-0.2
	Apr	110.5	10.6	0.8	147.1	49.8	2.8	86.0	92.4	1.2	109.8	3.5	0.5	117.1	-0.8	0.3	112.4	1.2	0.6
	Mei/May	111.6	11.9	1.0	150.1	60.0	2.0	87.8	68.5	2.1	110.6	5.0	0.7	117.9	0.1	0.7	112.5	1.5	0.1
	Jun/June	111.8	11.5	0.2	134.3	29.8	-10.5	95.0	64.4	8.2	111.5	6.7	0.8	116.9	-0.2	-0.8	112.3	1.6	-0.2
	Jul/July	112.5	11.7	0.6	137.3	31.5	2.2	98.7	57.7	3.9	111.7	7.1	0.2	116.7	0.2	-0.2	112.1	1.3	-0.2
	Ogos/Aug	113.2	11.3	0.6	141.2	27.6	2.8	97.9	51.8	-0.8	112.2	7.1	0.4	116.8	0.4	0.1	111.9	-0.4	-0.2
	Sept	113.6	12.3	0.4	141.6	24.8	0.3	98.5	68.1	0.6	112.7	7.7	0.4	116.2	-0.2	-0.5	111.8	-0.8	-0.1
	Okt/Oct	114.7	13.2	1.0	143.3	24.8	1.2	103.9	82.9	5.5	113.2	7.9	0.4	116.7	0.7	0.4	111.9	-0.7	0.1
	Nov	116.3	12.6	1.4	151.8	19.1	5.9	101.5	71.2	-2.3	114.7	8.4	1.3	116.4	-0.3	-0.3	112.9	0.2	0.9
	Dis/Dec	115.6	10.0	-0.6	147.4	10.9	-2.9	97.2	45.1	-4.2	114.8	7.6	0.1	116.5	0.7	0.1	113.5	0.9	0.5
2022	Jan	117.1	9.2	1.3	154.0	12.5	4.5	100.2	34.3	3.1	115.7	7.0	0.8	116.6	0.9	0.1	113.7	1.2	0.2
	Feb	119.4	9.7	2.0	164.6	17.7	6.9	103.8	23.3	3.6	117.2	7.9	1.3	116.8	0.8	0.2	113.5	1.4	-0.2
	Mac/Mar	122.3	11.6	2.4	178.7	24.9	8.6	109.0	28.2	5.0	118.9	8.9	1.5	117.0	0.2	0.2	113.6	1.7	0.1
	Apr	122.6	11.0	0.2	173.6	18.0	-2.9	101.8	18.4	-6.6	120.6	9.8	1.4	117.8	0.6	0.7	113.8	1.2	0.2
	Mei/May	124.1	11.2	1.2	175.2	16.7	0.9	105.9	20.6	4.0	121.8	10.1	1.0	117.2	-0.6	-0.5	113.9	1.2	0.1
	Jun/June	124.0	10.9	-0.1	158.6	18.1	-9.5	111.6	17.5	5.4	122.6	10.0	0.7	116.7	-0.2	-0.4	114.7	2.1	0.7
	Jul/July	121.1	7.6	-2.3	123.2	-10.3	-22.3	107.6	9.0	-3.6	122.8	9.9	0.2	117.7	0.9	0.9	114.4	2.1	-0.3

**JADUAL
TABLE**
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IHPR (2010=100) Pengeluaran Tempatan dan Perubahan Peratus mengikut Seksyen Barangan (SITC 4), Malaysia
PPI (2010=100) Local Production and Percentage Change by Commodity Section (SITC 4), Malaysia

Tempoh <i>Period</i>	Seksyen Barangan <i>Commodity Section</i>	Jumlah <i>Total</i>		0 <i>Makanan Food</i>		1 <i>Minuman dan tembakau Beverages and tobacco</i>		2 <i>Bahan-bahan mentah tidak boleh dimakan Crude materials, inedible</i>		3 <i>Bahan api, galian pelincir, dll. Mineral fuels, lubricant, etc</i>	
Wajaran (<i>Weight</i>)		100.000		7.454		1.307		5.769		21.075	
		Indeks <i>Index</i>	YoY <i>%</i>	Indeks <i>Index</i>	YoY <i>%</i>	Indeks <i>Index</i>	YoY <i>%</i>	Indeks <i>Index</i>	YoY <i>%</i>	Indeks <i>Index</i>	YoY <i>%</i>
2011		112.3	12.3	110.2	10.2	105.0	5.0	122.8	22.8	124.7	24.7
2012		111.8	-0.4	110.5	0.3	105.9	0.9	104.9	-14.6	131.9	5.8
2013		108.8	-2.7	111.9	1.3	107.3	1.3	88.9	-15.3	131.5	-0.3
2014		110.4	1.5	116.9	4.5	110.6	3.1	86.7	-2.5	131.9	0.3
2015		102.2	-7.4	118.6	1.5	111.3	0.6	82.2	-5.2	100.1	-24.1
2016		101.1	-1.1	120.8	1.9	112.4	1.0	96.9	17.9	88.0	-12.1
2017		107.9	6.7	126.9	5.0	113.7	1.2	102.8	6.1	104.9	19.2
2018		106.7	-1.1	126.0	-0.7	114.2	0.4	85.0	-17.3	117.3	11.8
2019		105.2	-1.4	125.3	-0.6	113.3	-0.8	79.9	-6.0	116.5	-0.7
2020		102.4	-2.7	123.8	-1.2	112.8	-0.4	96.5	20.8	95.8	-17.8
2021		112.1	9.5	128.0	3.4	112.7	-0.1	130.7	35.4	114.2	19.2
2016	ST1/Q1	99.6	-4.4	119.8	0.5	112.3	2.0	88.7	5.6	87.2	-18.4
	ST2/Q2	99.9	-2.1	120.3	1.7	112.5	1.4	95.7	16.3	84.3	-15.1
	ST3/Q3	100.4	-0.6	122.7	3.4	112.5	0.7	96.2	21.0	85.4	-11.6
	ST4/Q4	104.7	2.9	120.6	1.9	112.3	-0.1	106.9	29.1	94.8	-2.9
2017	ST1/Q1	109.6	10.0	124.6	4.0	112.0	-0.3	115.0	29.7	105.4	20.9
	ST2/Q2	107.2	7.3	127.1	5.7	113.6	1.0	99.6	4.1	102.3	21.4
	ST3/Q3	107.0	6.6	128.1	4.4	114.6	1.9	98.8	2.7	104.0	21.8
	ST4/Q4	107.9	3.1	127.6	5.8	114.5	2.0	97.7	-8.6	107.7	13.6
2018	ST1/Q1	107.1	-2.3	128.2	2.9	114.5	2.2	92.8	-19.3	111.0	5.3
	ST2/Q2	106.8	-0.4	125.8	-1.0	113.7	0.1	87.9	-11.7	116.2	13.6
	ST3/Q3	107.1	0.1	124.9	-2.5	114.1	-0.4	83.5	-15.5	121.5	16.8
	ST4/Q4	105.7	-2.0	125.2	-1.9	114.5	0.0	75.7	-22.5	120.3	11.7
2019	ST1/Q1	104.7	-2.2	126.7	-1.2	113.5	-0.9	77.1	-16.9	115.7	4.2
	ST2/Q2	105.1	-1.6	124.1	-1.4	113.5	-0.2	75.9	-13.7	118.1	1.6
	ST3/Q3	104.8	-2.1	125.8	0.7	113.1	-0.9	78.5	-6.0	114.6	-5.7
	ST4/Q4	106.3	0.6	124.6	-0.5	113.1	-1.2	88.0	16.2	117.7	-2.2
2020	ST1/Q1	105.3	0.6	124.2	-2.0	113.3	-0.2	91.9	19.2	109.4	-5.4
	ST2/Q2	100.0	-4.9	124.2	0.1	112.5	-0.9	84.3	11.1	89.9	-23.9
	ST3/Q3	101.2	-3.4	123.9	-1.5	112.6	-0.4	96.2	22.5	92.0	-19.7
	ST4/Q4	103.2	-2.9	123.0	-1.3	112.8	-0.3	113.7	29.2	91.8	-22.0
2021	ST1/Q1	108.5	3.0	125.4	1.0	113.0	-0.3	128.1	39.4	105.3	-3.7
	ST2/Q2	111.3	11.3	127.4	2.6	112.8	0.3	131.7	56.2	111.7	24.2
	ST3/Q3	113.1	11.8	128.6	3.8	112.0	-0.5	127.6	32.6	118.4	28.7
	ST4/Q4	115.5	11.9	130.7	6.3	112.8	0.0	135.2	18.9	121.6	32.5
2022	ST1/Q1	119.6	10.2	132.2	5.4	112.8	-0.2	154.6	20.7	126.5	20.1
	ST2/Q2	123.6	11.1	135.1	6.0	113.4	0.5	157.9	19.9	131.6	17.8
2021	Jan - Jul/July	110.3	7.7	126.6	1.9	112.8	0.0	129.3	46.3	109.8	11.4
2022	Jan - Jul/July	121.5	10.2	134.1	5.9	113.1	0.3	149.8	15.9	129.9	18.3

**JADUAL
TABLE**
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IHPR (2010=100) Pengeluaran Tempatan dan Perubahan Peratus mengikut Seksyen Barangan (SITC 4), Malaysia (samb.)
PPI (2010=100) Local Production and Percentage Change by Commodity Section (SITC 4), Malaysia (cont'd)

Tempoh	Seksyen Barangan	Jumlah			0			1			2			3		
Period	Commodity Section	Total			Makanan Food			Minuman dan tembakau Beverages and tobacco			Bahan-bahan mentah tidak boleh dimakan Crude materials, inedible			Bahan api, galian pelincir, dll. Mineral fuels, lubricant, etc		
Wajaran (Weight)		100.000			7.454			1.307			5.769			21.075		
		Indeks Index	YoY %	MoM %	Indeks Index	YoY %	MoM %	Indeks Index	YoY %	MoM %	Indeks Index	YoY %	MoM %	Indeks Index	YoY %	MoM %
2019	Jan	104.4	-3.6	0.6	127.5	-1.3	1.1	114.0	-0.3	-0.4	78.3	-17.4	7.1	114.6	1.9	0.6
	Feb	105.0	-1.6	0.6	126.9	-0.6	-0.5	113.2	-1.4	-0.7	78.8	-15.7	0.6	116.0	5.2	1.2
	Mac/Mar	104.7	-1.5	-0.3	125.7	-1.5	-0.9	113.3	-0.9	0.1	74.2	-17.6	-5.8	116.5	5.8	0.4
	Apr	105.3	-1.4	0.6	123.9	-2.4	-1.4	113.5	-0.7	0.2	76.8	-13.9	3.5	119.3	4.1	2.4
	Mei/May	105.5	-1.5	0.2	124.0	-1.3	0.1	113.5	0.4	0.0	75.3	-14.9	-2.0	120.3	2.5	0.8
	Jun/June	104.5	-1.8	-0.9	124.5	-0.4	0.4	113.6	-0.1	0.1	75.5	-12.1	0.3	114.7	-1.6	-4.7
	Jul/July	104.4	-2.2	-0.1	126.1	0.4	1.3	113.2	-0.5	-0.4	75.4	-9.8	-0.1	114.4	-4.0	-0.3
	Ogos/Aug	104.6	-1.9	0.2	126.3	1.1	0.2	113.1	-0.8	-0.1	79.9	-4.3	6.0	113.6	-5.4	-0.7
	Sept	105.3	-2.4	0.7	125.1	0.6	-1.0	113.0	-1.2	-0.1	80.1	-3.8	0.3	115.9	-7.4	2.0
	Okt/Oct	105.1	-2.9	-0.2	124.6	-0.2	-0.4	112.9	-1.4	-0.1	80.1	0.0	0.0	115.0	-10.2	-0.8
	Nov	106.5	1.2	1.3	124.4	-0.2	-0.2	113.1	-1.1	0.2	90.6	22.8	13.1	118.3	-0.7	2.9
	Dis/Dec	107.4	3.5	0.8	124.9	-1.0	0.4	113.4	-1.0	0.3	93.4	27.8	3.1	119.8	5.2	1.3
2020	Jan	107.3	2.8	-0.1	125.1	-1.9	0.2	113.4	-0.5	0.0	97.4	24.4	4.3	116.8	1.9	-2.5
	Feb	105.9	0.9	-1.3	124.1	-2.2	-0.8	113.4	0.2	0.0	90.1	14.3	-7.5	112.7	-2.8	-3.5
	Mac/Mar	102.7	-1.9	-3.0	123.5	-1.8	-0.5	113.2	-0.1	-0.2	88.2	18.9	-2.1	98.6	-15.4	-12.5
	Apr	99.9	-5.1	-2.7	122.5	-1.1	-0.8	113.0	-0.4	-0.2	85.5	11.3	-3.1	88.2	-26.1	-10.5
	Mei/May	99.7	-5.5	-0.2	124.1	0.1	1.3	112.4	-1.0	-0.5	79.3	5.3	-7.3	90.0	-25.2	2.0
	Jun/June	100.3	-4.0	0.6	126.0	1.2	1.5	112.0	-1.4	-0.4	88.0	16.6	11.0	91.6	-20.1	1.8
	Jul/July	100.7	-3.5	0.4	124.6	-1.2	-1.1	112.3	-0.8	0.3	90.2	19.6	2.5	92.6	-19.1	1.1
	Ogos/Aug	101.7	-2.8	1.0	123.9	-1.9	-0.6	112.6	-0.4	0.3	97.5	22.0	8.1	93.2	-18.0	0.6
	Sept	101.2	-3.9	-0.5	123.1	-1.6	-0.6	112.9	-0.1	0.3	100.8	25.8	3.4	90.2	-22.2	-3.2
	Okt/Oct	101.3	-3.6	0.1	123.0	-1.3	-0.1	112.6	-0.3	-0.3	102.7	28.2	1.9	88.5	-23.0	-1.9
	Nov	103.3	-3.0	2.0	122.7	-1.4	-0.2	112.7	-0.4	0.1	116.5	28.6	13.4	90.9	-23.2	2.7
	Dis/Dec	105.1	-2.1	1.7	123.3	-1.3	0.5	113.0	-0.4	0.3	121.9	30.5	4.6	96.1	-19.8	5.7
2021	Jan	107.2	-0.1	2.0	124.7	-0.3	1.1	113.1	-0.3	0.1	125.4	28.7	2.9	101.7	-12.9	5.8
	Feb	108.8	2.7	1.5	125.6	1.2	0.7	113.1	-0.3	0.0	127.8	41.8	1.9	106.7	-5.3	4.9
	Mac/Mar	109.6	6.7	0.7	125.8	1.9	0.2	112.8	-0.4	-0.3	131.2	48.8	2.7	107.6	9.1	0.8
	Apr	110.5	10.6	0.8	127.2	3.8	1.1	112.9	-0.1	0.1	134.8	57.7	2.7	109.0	23.6	1.3
	Mei/May	111.6	11.9	1.0	127.3	2.6	0.1	112.8	0.4	-0.1	138.2	74.3	2.5	110.8	23.1	1.7
	Jun/June	111.8	11.5	0.2	127.7	1.3	0.3	112.7	0.6	-0.1	122.2	38.9	-11.6	115.2	25.8	4.0
	Jul/July	112.5	11.7	0.6	127.7	2.5	0.0	112.4	0.1	-0.3	125.2	38.8	2.5	117.6	27.0	2.1
	Ogos/Aug	113.2	11.3	0.6	128.6	3.8	0.7	111.9	-0.6	-0.4	128.7	32.0	2.8	118.4	27.0	0.7
	Sept	113.6	12.3	0.4	129.4	5.1	0.6	111.8	-1.0	-0.1	129.0	28.0	0.2	119.1	32.0	0.6
	Okt/Oct	114.7	13.2	1.0	129.6	5.4	0.2	112.5	-0.1	0.6	130.9	27.5	1.5	121.9	37.7	2.4
	Nov	116.3	12.6	1.4	131.0	6.8	1.1	113.2	0.4	0.6	139.8	20.0	6.8	122.2	34.4	0.2
	Dis/Dec	115.6	10.0	-0.6	131.4	6.6	0.3	112.6	-0.4	-0.5	135.0	10.7	-3.4	120.7	25.6	-1.2
2022	Jan	117.1	9.2	1.3	131.8	5.7	0.3	112.6	-0.4	0.0	142.1	13.3	5.3	123.1	21.0	2.0
	Feb	119.4	9.7	2.0	132.2	5.3	0.3	112.8	-0.3	0.2	153.5	20.1	8.0	126.1	18.2	2.4
	Mac/Mar	122.3	11.6	2.4	132.5	5.3	0.2	112.9	0.1	0.1	168.2	28.2	9.6	130.3	21.1	3.3
	Apr	122.6	11.0	0.2	133.3	4.8	0.6	113.0	0.1	0.1	163.0	20.9	-3.1	128.6	18.0	-1.3
	Mei/May	124.1	11.2	1.2	135.4	6.4	1.6	113.5	0.6	0.4	164.1	18.7	0.7	131.2	18.4	2.0
	Jun/June	124.0	10.9	-0.1	136.7	7.0	1.0	113.6	0.8	0.1	146.7	20.0	-10.6	135.0	17.2	2.9
	Jul/July	121.1	7.6	-2.3	136.7	7.0	0.0	113.5	1.0	-0.1	110.8	-11.5	-24.5	134.8	14.6	-0.1

**JADUAL
TABLE 7**

IHPR (2010=100) Pengeluaran Tempatan dan Perubahan Peratus mengikut Seksyen Barangan (SITC 4), Malaysia (samb.)
PPI (2010=100) Local Production and Percentage Change by Commodity Section (SITC 4), Malaysia (cont'd)

Tempoh	Seksyen Barangan	4		5		6		7		8	
Period	Commodity Section	Minyak dan lemak binatang dan sayur-sayuran <i>Animal and vegetable oils and fats</i>		Bahan kimia <i>Chemicals</i>		Barang-barang keluaran kilang <i>Manufactured goods</i>		Jentera dan kelengkapan pengangkutan <i>Machinery and transport equipment</i>		Pelbagai barang keluaran kilang <i>Miscellaneous manufactured articles</i>	
Wajaran (Weight)		9.287		8.557		13.672		25.611		7.268	
		Indeks <i>Index</i>	YoY %	Indeks <i>Index</i>	YoY %	Indeks <i>Index</i>	YoY %	Indeks <i>Index</i>	YoY %	Indeks <i>Index</i>	YoY %
2011		123.2	23.2	112.5	12.5	104.4	4.4	98.6	-1.4	103.2	3.2
2012		110.4	-10.4	111.2	-1.2	103.7	-0.7	101.2	2.6	103.6	0.4
2013		93.3	-15.5	112.5	1.2	102.8	-0.9	101.4	0.2	103.7	0.1
2014		100.6	7.8	115.9	3.0	103.5	0.7	102.5	1.1	104.1	0.4
2015		93.9	-6.7	114.9	-0.9	103.4	-0.1	104.7	2.1	106.1	1.9
2016		100.1	6.6	112.1	-2.4	103.8	0.4	104.8	0.1	107.2	1.0
2017		108.0	7.9	114.5	2.1	108.0	4.0	105.3	0.5	109.5	2.1
2018		93.6	-13.3	113.2	-1.1	108.7	0.6	102.0	-3.1	105.6	-3.6
2019		85.6	-8.5	109.4	-3.4	107.4	-1.2	104.4	2.4	103.8	-1.7
2020		93.4	9.1	106.4	-2.7	107.3	-0.1	104.6	0.2	103.1	-0.7
2021		114.7	22.8	113.4	6.6	110.7	3.2	103.0	-1.5	105.6	2.4
2016	ST1/Q1	95.9	-1.0	111.1	-3.1	102.8	-0.9	105.0	0.9	107.0	1.9
	ST2/Q2	98.5	4.9	112.1	-2.9	104.2	0.6	104.4	0.1	106.9	1.3
	ST3/Q3	99.1	7.4	111.8	-3.0	103.8	0.5	104.6	0.0	107.1	0.4
	ST4/Q4	106.9	15.7	113.4	-0.6	104.6	1.6	105.2	-0.3	107.6	0.3
2017	ST1/Q1	114.3	19.2	114.9	3.4	106.9	4.0	105.8	0.8	109.4	2.2
	ST2/Q2	108.4	10.1	115.5	3.0	107.3	3.0	105.6	1.1	109.9	2.8
	ST3/Q3	104.4	5.3	112.9	1.0	108.4	4.4	105.3	0.7	109.6	2.3
	ST4/Q4	104.9	-1.9	114.6	1.1	109.5	4.7	104.5	-0.7	109.1	1.4
2018	ST1/Q1	99.5	-12.9	114.2	-0.6	108.6	1.6	103.1	-2.6	107.7	-1.6
	ST2/Q2	95.8	-11.6	113.5	-1.7	108.7	1.3	101.3	-4.1	106.0	-3.5
	ST3/Q3	91.9	-12.0	112.8	-0.1	109.1	0.6	101.6	-3.5	104.3	-4.8
	ST4/Q4	87.2	-16.9	112.4	-1.9	108.5	-0.9	102.1	-2.3	104.2	-4.5
2019	ST1/Q1	85.3	-14.3	110.1	-3.6	107.3	-1.2	103.3	0.2	104.0	-3.4
	ST2/Q2	85.0	-11.3	110.0	-3.1	107.4	-1.2	104.0	2.7	103.9	-2.0
	ST3/Q3	84.5	-8.1	109.1	-3.3	107.5	-1.5	104.8	3.1	103.8	-0.5
	ST4/Q4	87.6	0.5	108.4	-3.6	107.2	-1.2	105.3	3.1	103.2	-1.0
2020	ST1/Q1	94.3	10.6	107.9	-2.0	107.0	-0.3	105.1	1.7	102.6	-1.3
	ST2/Q2	88.9	4.6	106.8	-2.9	107.5	0.1	105.0	1.0	102.7	-1.2
	ST3/Q3	90.6	7.2	105.4	-3.4	107.2	-0.3	104.6	-0.2	102.9	-0.9
	ST4/Q4	99.9	14.0	105.3	-2.9	107.4	0.2	103.8	-1.4	104.1	0.9
2021	ST1/Q1	108.7	15.3	108.0	0.1	108.3	1.2	103.4	-1.6	105.2	2.5
	ST2/Q2	113.8	28.0	112.2	5.1	109.6	2.0	103.0	-1.9	105.9	3.1
	ST3/Q3	115.7	27.7	115.5	9.6	111.3	3.8	102.4	-2.1	106.3	3.3
	ST4/Q4	120.4	20.5	117.9	12.0	113.5	5.7	103.1	-0.7	105.0	0.9
2022	ST1/Q1	128.9	18.6	120.9	11.9	115.1	6.3	104.3	0.9	104.0	-1.1
	ST2/Q2	140.5	23.5	125.5	11.9	118.1	7.8	106.2	3.1	103.9	-1.9
2021	Jan - Jul/July	111.8	22.7	110.8	3.5	109.2	1.9	103.1	-1.8	105.7	2.9
2022	Jan - Jul/July	134.9	20.7	123.8	11.7	116.9	7.1	105.6	2.4	104.0	-1.6

**JADUAL
TABLE 7**

IHPR (2010=100) Pengeluaran Tempatan dan Perubahan Peratus mengikut Seksyen Barangan (SITC 4), Malaysia (samb.)
PPI (2010=100) Local Production and Percentage Change by Commodity Section (SITC 4), Malaysia (cont'd)

Tempoh	Seksyen Barangan	4			5			6			7			8		
Period	Commodity Section	Minyak dan lemak binatang dan sayur-sayuran <i>Animal and vegetable oils and fats</i>			Bahan kimia <i>Chemicals</i>			Barang-barang keluaran kilang <i>Manufactured goods</i>			Jentera dan kelengkapan pengangkutan <i>Machinery and transport equipment</i>			Pelbagai barang keluaran kilang <i>Miscellaneous manufactured articles</i>		
Wajaran (Weight)		9.287			8.557			13.672			25.611			7.268		
		Indeks <i>Index</i>	YoY %	MoM %	Indeks <i>Index</i>	YoY %	MoM %	Indeks <i>Index</i>	YoY %	MoM %	Indeks <i>Index</i>	YoY %	MoM %	Indeks <i>Index</i>	YoY %	MoM %
2019	Jan	84.1	-16.4	-0.8	109.9	-4.2	-1.0	107.7	-0.9	-0.3	102.6	-2.2	0.4	104.4	-3.6	0.1
	Feb	85.9	-13.8	2.1	109.7	-3.7	-0.2	107.0	-1.5	-0.6	103.6	1.3	1.0	104.0	-3.3	-0.4
	Mac/Mar	85.8	-12.8	-0.1	110.8	-2.7	1.0	107.1	-1.4	0.1	103.6	1.4	0.0	103.7	-3.3	-0.3
	Apr	85.3	-12.0	-0.6	110.5	-3.5	-0.3	107.1	-0.9	0.0	103.6	2.3	0.0	103.8	-3.0	0.1
	Mei/May	85.0	-11.3	-0.4	110.0	-3.3	-0.5	107.6	-1.4	0.5	103.9	2.7	0.3	104.0	-2.2	0.2
	Jun/June	84.6	-10.8	-0.5	109.6	-2.5	-0.4	107.5	-1.2	-0.1	104.6	3.2	0.7	103.9	-0.9	-0.1
	Jul/July	84.1	-10.1	-0.6	109.3	-2.7	-0.3	107.5	-1.3	0.0	104.6	3.3	0.0	103.9	-0.7	0.0
	Ogos/Aug	84.0	-8.3	-0.1	109.1	-3.2	-0.2	107.5	-1.4	0.0	104.7	3.4	0.1	103.7	-0.5	-0.2
	Sept	85.5	-5.7	1.8	109.0	-3.9	-0.1	107.5	-1.6	0.0	105.2	3.0	0.5	103.9	-0.2	0.2
	Okt/Oct	86.1	-4.2	0.7	108.6	-4.2	-0.4	107.4	-1.5	-0.1	105.4	2.8	0.2	103.3	-0.9	-0.6
	Nov	87.2	0.2	1.3	108.5	-3.8	-0.1	107.1	-1.4	-0.3	105.0	3.4	-0.4	103.1	-1.1	-0.2
	Dis/Dec	89.4	5.4	2.5	108.0	-2.7	-0.5	107.2	-0.7	0.1	105.6	3.3	0.6	103.3	-1.0	0.2
2020	Jan	93.1	10.7	4.1	107.6	-2.1	-0.4	106.8	-0.8	-0.4	105.4	2.7	-0.2	103.3	-1.1	0.0
	Feb	95.6	11.3	2.7	108.2	-1.4	0.6	107.0	0.0	0.2	104.7	1.1	-0.7	102.1	-1.8	-1.2
	Mac/Mar	94.2	9.8	-1.5	107.9	-2.6	-0.3	107.2	0.1	0.2	105.1	1.4	0.4	102.5	-1.2	0.4
	Apr	91.2	6.9	-3.2	107.2	-3.0	-0.6	107.5	0.4	0.3	105.3	1.6	0.2	102.9	-0.9	0.4
	Mei/May	89.0	4.7	-2.4	107.3	-2.5	0.1	107.9	0.3	0.4	104.9	1.0	-0.4	102.6	-1.3	-0.3
	Jun/June	86.6	2.4	-2.7	106.0	-3.3	-1.2	107.2	-0.3	-0.6	104.9	0.3	0.0	102.5	-1.3	-0.1
	Jul/July	87.8	4.4	1.4	105.7	-3.3	-0.3	106.9	-0.6	-0.3	104.8	0.2	-0.1	102.9	-1.0	0.4
	Ogos/Aug	90.9	8.2	3.5	105.3	-3.5	-0.4	107.3	-0.2	0.4	105.2	0.5	0.4	102.7	-1.0	-0.2
	Sept	93.2	9.0	2.5	105.3	-3.4	0.0	107.3	-0.2	0.0	103.9	-1.2	-1.2	103.0	-0.9	0.3
	Okt/Oct	97.0	12.7	4.1	105.4	-2.9	0.1	107.3	-0.1	0.0	103.6	-1.7	-0.3	103.5	0.2	0.5
	Nov	99.5	14.1	2.6	105.4	-2.9	0.0	107.4	0.3	0.1	104.1	-0.9	0.5	104.2	1.1	0.7
	Dis/Dec	103.2	15.4	3.7	105.2	-2.6	-0.2	107.5	0.3	0.1	103.7	-1.8	-0.4	104.7	1.4	0.5
2021	Jan	106.7	14.6	3.4	106.2	-1.3	1.0	107.9	1.0	0.4	103.9	-1.4	0.2	104.7	1.4	0.0
	Feb	108.7	13.7	1.9	108.2	0.0	1.9	108.2	1.1	0.3	103.3	-1.3	-0.6	105.3	3.1	0.6
	Mac/Mar	110.7	17.5	1.8	109.5	1.5	1.2	108.9	1.6	0.6	102.9	-2.1	-0.4	105.6	3.0	0.3
	Apr	112.3	23.1	1.4	110.8	3.4	1.2	109.3	1.7	0.4	102.7	-2.5	-0.2	105.5	2.5	-0.1
	Mei/May	114.1	28.2	1.6	112.1	4.5	1.2	109.3	1.3	0.0	103.1	-1.7	0.4	106.0	3.3	0.5
	Jun/June	115.0	32.8	0.8	113.7	7.3	1.4	110.2	2.8	0.8	103.2	-1.6	0.1	106.3	3.7	0.3
	Jul/July	115.2	31.2	0.2	114.8	8.6	1.0	110.6	3.5	0.4	102.4	-2.3	-0.8	106.4	3.4	0.1
	Ogos/Aug	115.8	27.4	0.5	115.5	9.7	0.6	111.2	3.6	0.5	102.4	-2.7	0.0	106.3	3.5	-0.1
	Sept	116.2	24.7	0.3	116.2	10.4	0.6	112.0	4.4	0.7	102.4	-1.4	0.0	106.3	3.2	0.0
	Okt/Oct	118.0	21.6	1.5	116.6	10.6	0.3	112.9	5.2	0.8	102.7	-0.9	0.3	105.4	1.8	-0.8
	Nov	121.4	22.0	2.9	118.2	12.1	1.4	113.7	5.9	0.7	103.5	-0.6	0.8	105.1	0.9	-0.3
	Dis/Dec	121.7	17.9	0.2	118.9	13.0	0.6	113.9	6.0	0.2	103.2	-0.5	-0.3	104.4	-0.3	-0.7
2022	Jan	124.5	16.7	2.3	119.8	12.8	0.8	114.4	6.0	0.4	103.5	-0.4	0.3	103.8	-0.9	-0.6
	Feb	128.7	18.4	3.4	120.6	11.5	0.7	115.0	6.3	0.5	104.2	0.9	0.7	104.2	-1.0	0.4
	Mac/Mar	133.6	20.7	3.8	122.3	11.7	1.4	115.8	6.3	0.7	105.1	2.1	0.9	104.0	-1.5	-0.2
	Apr	138.3	23.2	3.5	124.3	12.2	1.6	117.0	7.0	1.0	105.9	3.1	0.8	103.8	-1.6	-0.2
	Mei/May	141.9	24.4	2.6	125.7	12.1	1.1	118.3	8.2	1.1	106.0	2.8	0.1	103.7	-2.2	-0.1
	Jun/June	141.3	22.9	-0.4	126.5	11.3	0.6	119.0	8.0	0.6	106.7	3.4	0.7	104.3	-1.9	0.6
	Jul/July	136.2	18.2	-3.6	127.3	10.9	0.6	119.1	7.7	0.1	107.6	5.1	0.8	104.4	-1.9	0.1

**JADUAL
TABLE 8**
IHPR (2010=100) Pengeluaran Tempatan dan Perubahan Peratus mengikut Peringkat Pemprosesan, Malaysia
PPI (2010=100) Local Production and Percentage Change by Stage of Processing, Malaysia

Tempoh	Peringkat Pemprosesan	Jumlah		1		2		3	
Period	Stage of Processing	Total		Bahan mentah untuk diproseskan selanjutnya Crude materials for further processing		Bahan perantaraan, bekalan dan komponen Intermediate materials, supplies and components		Barang siap Finished goods	
Wajaran (Weight)		100.000		16.410		56.119		27.471	
		Indeks Index	YoY %	Indeks Index	YoY %	Indeks Index	YoY %	Indeks Index	YoY %
2011		112.3	12.3	124.7	24.7	113.8	13.8	99.6	-0.4
2012		111.8	-0.4	121.2	-2.8	113.9	0.1	100.4	0.8
2013		108.8	-2.7	116.9	-3.5	109.9	-3.5	100.1	-0.3
2014		110.4	1.5	114.4	-2.1	113.6	3.4	100.9	0.8
2015		102.2	-7.4	90.9	-20.5	106.6	-6.2	102.1	1.2
2016		101.1	-1.1	94.0	3.4	103.2	-3.2	102.5	0.4
2017		107.9	6.7	107.9	14.8	110.1	6.7	103.4	0.9
2018		106.7	-1.1	110.7	2.6	108.0	-1.9	100.9	-2.4
2019		105.2	-1.4	106.4	-3.9	106.5	-1.4	101.5	0.6
2020		102.4	-2.7	93.3	-12.3	106.0	-0.5	101.4	-0.1
2021		112.1	9.5	121.6	30.3	114.2	7.7	101.2	-0.2
2016	ST1/Q1	99.6	-4.4	85.2	-5.1	103.6	-6.6	102.7	1.1
	ST2/Q2	99.9	-2.1	93.3	-2.1	101.2	-3.3	102.4	0.7
	ST3/Q3	100.4	-0.6	94.0	5.7	101.9	-3.0	102.3	0.1
	ST4/Q4	104.7	2.9	103.3	15.3	106.2	0.4	102.7	0.0
2017	ST1/Q1	109.6	10.0	112.7	32.3	111.3	7.4	103.6	0.9
	ST2/Q2	107.2	7.3	103.5	10.9	110.2	8.9	103.8	1.4
	ST3/Q3	107.0	6.6	104.5	11.2	109.6	7.6	103.5	1.2
	ST4/Q4	107.9	3.1	110.7	7.2	109.2	2.8	102.9	0.2
2018	ST1/Q1	107.1	-2.3	109.9	-2.5	108.6	-2.4	101.9	-1.6
	ST2/Q2	106.8	-0.4	112.2	8.4	107.7	-2.3	100.8	-2.9
	ST3/Q3	107.1	0.1	113.3	8.4	108.1	-1.4	100.3	-3.1
	ST4/Q4	105.7	-2.0	107.3	-3.1	107.6	-1.5	100.7	-2.1
2019	ST1/Q1	104.7	-2.2	104.1	-5.3	106.6	-1.8	101.1	-0.8
	ST2/Q2	105.1	-1.6	107.1	-4.5	106.3	-1.3	101.1	0.3
	ST3/Q3	104.8	-2.1	104.3	-7.9	106.2	-1.8	101.8	1.5
	ST4/Q4	106.3	0.6	110.2	2.7	107.1	-0.5	101.8	1.1
2020	ST1/Q1	105.3	0.6	103.0	-1.1	107.8	1.1	101.6	0.5
	ST2/Q2	100.0	-4.9	80.9	-24.5	105.7	-0.6	101.4	0.3
	ST3/Q3	101.2	-3.4	92.2	-11.6	104.1	-2.0	101.3	-0.5
	ST4/Q4	103.2	-2.9	97.2	-11.8	106.2	-0.8	101.2	-0.6
2021	ST1/Q1	108.5	3.0	114.7	11.4	109.7	1.8	101.7	0.1
	ST2/Q2	111.3	11.3	120.7	49.2	113.0	6.9	101.4	0.0
	ST3/Q3	113.1	11.8	123.2	33.6	115.7	11.1	100.6	-0.7
	ST4/Q4	115.5	11.9	127.7	31.4	118.5	11.6	101.0	-0.2
2022	ST1/Q1	119.6	10.2	137.4	19.8	122.4	11.6	101.5	-0.2
	ST2/Q2	123.6	11.1	141.3	17.1	127.9	13.2	102.6	1.2
2021	Jan - Jul/July	110.3	7.7	118.4	29.1	111.8	5.2	101.4	-0.1
2022	Jan - Jul/July	121.5	10.2	137.1	15.8	125.7	12.4	102.2	0.8

**JADUAL
TABLE 8**
IHPR (2010=100) Pengeluaran Tempatan dan Perubahan Peratus mengikut Peringkat Pemprosesan, Malaysia (samb.)
PPI (2010=100) Local Production and Percentage Change by Stage of Processing, Malaysia (cont'd)

Tempoh	Peringkat Pemprosesan	Jumlah			1			2			3		
Period	Stage of Processing	Total			Bahan mentah untuk diproseskan selanjutnya Crude materials for further processing			Bahan perantaraan, bekalan dan komponen Intermediate materials, supplies and components			Barang siap Finished goods		
Wajaran (Weight)		100.000			16.410			56.119			27.471		
		Indeks Index	YoY %	MoM %	Indeks Index	YoY %	MoM %	Indeks Index	YoY %	MoM %	Indeks Index	YoY %	MoM %
2019	Jan	104.4	-3.6	0.6	102.9	-9.7	3.7	106.5	-2.2	-0.3	101.0	-1.8	0.1
	Feb	105.0	-1.6	0.6	105.3	-2.9	2.3	106.6	-1.9	0.1	101.2	-0.2	0.2
	Mac/Mar	104.7	-1.5	-0.3	104.1	-3.0	-1.1	106.7	-1.3	0.1	101.0	-0.6	-0.2
	Apr	105.3	-1.4	0.6	108.3	-1.5	4.0	106.4	-1.8	-0.3	100.7	-0.4	-0.3
	Mei/May	105.5	-1.5	0.2	108.5	-5.0	0.2	106.6	-0.8	0.2	101.1	0.1	0.4
	Jun/June	104.5	-1.8	-0.9	104.4	-7.0	-3.8	105.8	-1.4	-0.8	101.5	1.3	0.4
	Jul/July	104.4	-2.2	-0.1	103.7	-7.7	-0.7	105.9	-1.8	0.1	101.5	1.3	0.0
	Ogos/Aug	104.6	-1.9	0.2	103.1	-7.5	-0.6	106.3	-1.7	0.4	101.8	1.8	0.3
	Sept	105.3	-2.4	0.7	106.2	-8.5	3.0	106.4	-1.8	0.1	102.1	1.3	0.3
	Okt/Oct	105.1	-2.9	-0.2	104.4	-11.4	-1.7	106.8	-1.4	0.4	101.8	0.7	-0.3
	Nov	106.5	1.2	1.3	111.2	5.9	6.5	107.2	-0.4	0.4	101.6	1.4	-0.2
	Dis/Dec	107.4	3.5	0.8	115.1	16.0	3.5	107.2	0.4	0.0	102.1	1.2	0.5
2020	Jan	107.3	2.8	-0.1	113.9	10.7	-1.0	107.6	1.0	0.4	101.8	0.8	-0.3
	Feb	105.9	0.9	-1.3	105.4	0.1	-7.5	108.2	1.5	0.6	101.4	0.2	-0.4
	Mac/Mar	102.7	-1.9	-3.0	89.6	-13.9	-15.0	107.6	0.8	-0.6	101.7	0.7	0.3
	Apr	99.9	-5.1	-2.7	77.0	-28.9	-14.1	106.8	0.4	-0.7	101.8	1.1	0.1
	Mei/May	99.7	-5.5	-0.2	79.6	-26.6	3.4	105.6	-0.9	-1.1	101.3	0.2	-0.5
	Jun/June	100.3	-4.0	0.6	86.0	-17.6	8.0	104.7	-1.0	-0.9	101.2	-0.3	-0.1
	Jul/July	100.7	-3.5	0.4	90.2	-13.0	4.9	103.9	-1.9	-0.8	101.1	-0.4	-0.1
	Ogos/Aug	101.7	-2.8	1.0	94.1	-8.7	4.3	104.2	-2.0	0.3	101.8	0.0	0.7
	Sept	101.2	-3.9	-0.5	92.2	-13.2	-2.0	104.3	-2.0	0.1	101.0	-1.1	-0.8
	Okt/Oct	101.3	-3.6	0.1	90.6	-13.2	-1.7	105.1	-1.6	0.8	101.0	-0.8	0.0
	Nov	103.3	-3.0	2.0	97.5	-12.3	7.6	106.1	-1.0	1.0	101.4	-0.2	0.4
	Dis/Dec	105.1	-2.1	1.7	103.6	-10.0	6.3	107.5	0.3	1.3	101.3	-0.8	-0.1
2021	Jan	107.2	-0.1	2.0	110.0	-3.4	6.2	108.8	1.1	1.2	101.9	0.1	0.6
	Feb	108.8	2.7	1.5	115.9	10.0	5.4	109.8	1.5	0.9	101.8	0.4	-0.1
	Mac/Mar	109.6	6.7	0.7	118.1	31.8	1.9	110.6	2.8	0.7	101.5	-0.2	-0.3
	Apr	110.5	10.6	0.8	120.0	55.8	1.6	111.9	4.8	1.2	101.1	-0.7	-0.4
	Mei/May	111.6	11.9	1.0	122.3	53.6	1.9	112.9	6.9	0.9	101.5	0.2	0.4
	Jun/June	111.8	11.5	0.2	119.7	39.2	-2.1	114.1	9.0	1.1	101.5	0.3	0.0
	Jul/July	112.5	11.7	0.6	122.5	35.8	2.3	114.8	10.5	0.6	100.7	-0.4	-0.8
	Ogos/Aug	113.2	11.3	0.6	123.2	30.9	0.6	115.9	11.2	1.0	100.5	-1.3	-0.2
	Sept	113.6	12.3	0.4	123.9	34.4	0.6	116.4	11.6	0.4	100.5	-0.5	0.0
	Okt/Oct	114.7	13.2	1.0	127.2	40.4	2.7	117.4	11.7	0.9	100.5	-0.5	0.0
	Nov	116.3	12.6	1.4	130.1	33.4	2.3	118.9	12.1	1.3	101.3	-0.1	0.8
	Dis/Dec	115.6	10.0	-0.6	125.8	21.4	-3.3	119.2	10.9	0.3	101.1	-0.2	-0.2
2022	Jan	117.1	9.2	1.3	130.1	18.3	3.4	120.5	10.8	1.1	101.1	-0.8	0.0
	Feb	119.4	9.7	2.0	136.4	17.7	4.8	122.3	11.4	1.5	101.6	-0.2	0.5
	Mac/Mar	122.3	11.6	2.4	145.6	23.3	6.7	124.4	12.5	1.7	101.9	0.4	0.3
	Apr	122.6	11.0	0.2	140.5	17.1	-3.5	126.6	13.1	1.8	102.2	1.1	0.3
	Mei/May	124.1	11.2	1.2	143.5	17.3	2.1	128.1	13.5	1.2	102.5	1.0	0.3
	Jun/June	124.0	10.9	-0.1	139.9	16.9	-2.5	128.9	13.0	0.6	103.1	1.6	0.6
	Jul/July	121.1	7.6	-2.3	123.8	1.1	-11.5	129.1	12.5	0.2	103.1	2.4	0.0

**JADUAL
TABLE 9**
IHPR (2010=100) Pengeluaran Tempatan dan Perubahan Peratus mengikut Kumpulan (MSIC 2008), Malaysia
PPI (2010=100) Local Production and Percentage Change by Group (MSIC 2008), Malaysia

Tempoh Period	Kumpulan Group	Jumlah Total		011 Penanaman tanaman tidak kekal Growing of non-perennial crops		012 Penanaman tanaman kekakal Growing of perennial crops		014 Pengeluaran ternakan Animal production		022 Pembalakan Logging		031 Perikanan Fishing	
Wajaran (Weight)		100.000		0.436		3.934		1.344		0.410		0.508	
		Indeks Index	YoY %	Indeks Index	YoY %	Indeks Index	YoY %	Indeks Index	YoY %	Indeks Index	YoY %	Indeks Index	YoY %
2011		112.3	12.3	104.8	4.8	123.4	23.4	107.2	7.2	130.5	30.5	104.2	4.2
2012		111.8	-0.4	103.2	-1.5	103.0	-16.5	98.2	-8.4	131.6	0.8	114.9	10.3
2013		108.8	-2.7	111.1	7.7	85.4	-17.1	107.6	9.6	114.3	-13.1	118.6	3.2
2014		110.4	1.5	112.8	1.5	86.4	1.2	113.3	5.3	113.2	-1.0	126.6	6.7
2015		102.2	-7.4	130.1	15.3	79.3	-8.2	112.8	-0.4	120.0	6.0	123.9	-2.1
2016		101.1	-1.1	131.1	0.8	99.4	25.3	116.7	3.5	128.3	6.9	127.9	3.2
2017		107.9	6.7	133.7	2.0	108.5	9.2	120.6	3.3	129.1	0.6	137.4	7.4
2018		106.7	-1.1	134.3	0.4	83.6	-22.9	121.1	0.4	136.2	5.5	143.2	4.2
2019		105.2	-1.4	134.4	0.1	76.5	-8.5	123.6	2.1	142.3	4.5	145.8	1.8
2020		102.4	-2.7	134.0	-0.3	100.2	31.0	120.4	-2.6	145.7	2.4	132.2	-9.3
2021		112.1	9.5	138.4	3.3	146.1	45.8	125.9	4.6	151.6	4.0	144.9	9.6
2016	ST1/Q1	99.6	-4.4	132.2	-0.2	88.3	6.0	113.1	-1.6	128.0	10.5	125.6	0.2
	ST2/Q2	99.9	-2.1	132.6	3.6	97.0	21.3	111.9	-1.9	131.3	13.6	128.5	4.0
	ST3/Q3	100.4	-0.6	129.4	-0.5	98.9	32.8	127.4	10.9	127.1	3.3	130.3	5.5
	ST4/Q4	104.7	2.9	130.0	0.2	113.2	42.6	114.5	6.7	127.0	1.1	127.3	3.2
2017	ST1/Q1	109.6	10.0	134.3	1.6	123.2	39.5	118.2	4.5	126.1	-1.5	138.4	10.2
	ST2/Q2	107.2	7.3	134.2	1.2	103.1	6.3	117.8	5.3	128.1	-2.4	140.8	9.6
	ST3/Q3	107.0	6.6	131.3	1.5	104.2	5.4	125.7	-1.3	129.2	1.7	138.4	6.2
	ST4/Q4	107.9	3.1	135.1	3.9	103.4	-8.7	120.8	5.5	132.8	4.6	131.8	3.5
2018	ST1/Q1	107.1	-2.3	136.6	1.7	95.4	-22.6	124.6	5.4	134.4	6.6	142.2	2.7
	ST2/Q2	106.8	-0.4	133.1	-0.8	88.1	-14.5	119.1	1.1	134.7	5.2	141.0	0.1
	ST3/Q3	107.1	0.1	132.7	1.1	81.1	-22.2	119.3	-5.1	136.3	5.5	144.7	4.6
	ST4/Q4	105.7	-2.0	134.7	-0.3	70.0	-32.3	121.3	0.4	139.4	5.0	144.9	9.9
2019	ST1/Q1	104.7	-2.2	134.3	-1.7	72.6	-23.9	127.5	2.3	141.8	5.5	150.2	5.6
	ST2/Q2	105.1	-1.6	134.2	0.8	70.5	-20.0	119.0	-0.1	141.2	4.8	141.7	0.5
	ST3/Q3	104.8	-2.1	134.3	1.2	74.6	-8.0	126.6	6.1	141.5	3.8	147.2	1.7
	ST4/Q4	106.3	0.6	134.6	-0.1	88.3	26.1	121.1	-0.2	144.8	3.9	144.2	-0.5
2020	ST1/Q1	105.3	0.6	136.7	1.8	93.5	28.8	118.9	-6.7	146.4	3.2	140.3	-6.6
	ST2/Q2	100.0	-4.9	133.1	-0.8	83.7	18.7	121.8	2.4	145.9	3.3	128.5	-9.3
	ST3/Q3	101.2	-3.4	132.4	-1.4	99.9	33.9	122.4	-3.3	145.9	3.1	129.3	-12.2
	ST4/Q4	103.2	-2.9	134.0	-0.4	123.7	40.1	118.3	-2.3	144.6	-0.1	130.7	-9.4
2021	ST1/Q1	108.5	3.0	139.7	2.2	143.7	53.7	120.9	1.7	145.9	-0.3	141.0	0.5
	ST2/Q2	111.3	11.3	136.2	2.3	148.3	77.2	125.5	3.0	147.1	0.8	142.8	11.1
	ST3/Q3	113.1	11.8	136.0	2.7	141.5	41.6	126.9	3.7	153.7	5.3	148.0	14.5
	ST4/Q4	115.5	11.9	141.6	5.7	150.9	22.0	130.2	10.1	159.7	10.4	147.9	13.2
2022	ST1/Q1	119.6	10.2	142.7	2.1	178.1	23.9	127.7	5.6	154.4	5.8	154.5	9.6
	ST2/Q2	123.6	11.1	145.2	6.6	181.8	22.6	130.5	4.0	158.4	7.7	156.6	9.7
2021	Jan - Jul/July	110.3	7.7	137.7	2.2	145.0	62.7	123.2	1.9	146.9	0.5	142.5	6.7
2022	Jan - Jul/July	121.5	10.2	144.1	4.6	170.4	17.5	129.6	5.2	158.1	7.6	155.2	8.9

Tempoh Period	Kumpulan Group	Jumlah Total			011 Penanaman tanaman tidak kekal Growing of non-perennial crops			012 Penanaman tanaman kekal Growing of perennial crops			014 Pengeluaran ternakan Animal production			022 Pembalakan Logging			031 Perikanan Fishing		
Wajaran (Weight)		100.000			0.436			3.934			1.344			0.410			0.508		
		Indeks Index	YoY %	MoM %	Indeks Index	YoY %	MoM %	Indeks Index	YoY %	MoM %	Indeks Index	YoY %	MoM %	Indeks Index	YoY %	MoM %	Indeks Index	YoY %	MoM %
2019	Jan	104.4	-3.6	0.6	134.6	-2.6	0.2	74.5	-24.6	11.4	130.2	2.8	4.7	141.2	5.1	1.4	149.7	3.2	1.7
	Feb	105.0	-1.6	0.6	134.7	-2.0	0.1	75.0	-21.5	0.7	128.3	3.1	-1.5	142.1	5.7	0.6	152.1	8.2	1.6
	Mac/Mar	104.7	-1.5	-0.3	133.7	-0.3	-0.7	68.4	-25.4	-8.8	124.0	1.1	-3.4	142.1	5.7	0.0	148.8	5.5	-2.2
	Apr	105.3	-1.4	0.6	133.6	0.6	-0.1	71.9	-20.5	5.1	117.3	0.5	-5.4	141.2	5.1	-0.6	141.4	-2.4	-5.0
	Mei/May	105.5	-1.5	0.2	134.3	1.3	0.5	69.4	-21.8	-3.5	119.6	-0.8	2.0	141.2	5.1	0.0	138.7	-3.5	-1.9
	Jun/June	104.5	-1.8	-0.9	134.6	0.5	0.2	70.2	-17.5	1.2	120.1	0.0	0.4	141.2	4.4	0.0	145.0	8.0	4.5
	Jul/July	104.4	-2.2	-0.1	135.0	1.2	0.3	70.0	-13.6	-0.3	127.1	2.5	5.8	141.2	4.4	0.0	148.8	2.8	2.6
	Ogos/Aug	104.6	-1.9	0.2	134.5	1.4	-0.4	77.0	-5.1	10.0	128.1	7.2	0.8	141.2	4.1	0.0	145.9	1.2	-1.9
	Sept	105.3	-2.4	0.7	133.4	1.0	-0.8	76.7	-5.7	-0.4	124.7	9.1	-2.7	142.2	3.1	0.7	147.0	1.3	0.8
	Okt/Oct	105.1	-2.9	-0.2	133.8	-0.3	0.3	77.1	1.7	0.5	122.6	1.9	-1.7	142.3	2.0	0.1	143.4	-0.6	-2.4
	Nov	106.5	1.2	1.3	134.0	-1.2	0.1	92.0	36.9	19.3	120.8	1.3	-1.5	145.7	4.4	2.4	144.1	0.6	0.5
	Dis/Dec	107.4	3.5	0.8	136.0	1.3	1.5	95.8	43.2	4.1	120.0	-3.5	-0.7	146.5	5.2	0.5	145.0	-1.5	0.6
2020	Jan	107.3	2.8	-0.1	138.8	3.1	2.1	101.5	36.2	5.9	119.9	-7.9	-0.1	146.6	3.8	0.1	148.0	-1.1	2.1
	Feb	105.9	0.9	-1.3	137.1	1.8	-1.2	90.6	20.8	-10.7	119.3	-7.0	-0.5	146.3	3.0	-0.2	137.9	-9.3	-6.8
	Mac/Mar	102.7	-1.9	-3.0	134.1	0.3	-2.2	88.4	29.2	-2.4	117.5	-5.2	-1.5	146.3	3.0	0.0	134.9	-9.3	-2.2
	Apr	99.9	-5.1	-2.7	133.7	0.1	-0.3	85.0	18.2	-3.8	112.9	-3.8	-3.9	145.9	3.3	-0.3	132.0	-6.6	-2.1
	Mei/May	99.7	-5.5	-0.2	132.5	-1.3	-0.9	77.0	11.0	-9.4	121.5	1.6	7.6	145.9	3.3	0.0	126.8	-8.6	-3.9
	Jun/June	100.3	-4.0	0.6	133.0	-1.2	0.4	89.1	26.9	15.7	130.9	9.0	7.7	145.9	3.3	0.0	126.8	-12.6	0.0
	Jul/July	100.7	-3.5	0.4	134.1	-0.7	0.8	91.8	31.1	3.0	124.6	-2.0	-4.8	145.9	3.3	0.0	128.4	-13.7	1.3
	Ogos/Aug	101.7	-2.8	1.0	132.4	-1.6	-1.3	101.8	32.2	10.9	121.9	-4.8	-2.2	145.9	3.3	0.0	128.5	-11.9	0.1
	Sept	101.2	-3.9	-0.5	130.7	-2.0	-1.3	106.2	38.5	4.3	120.8	-3.1	-0.9	145.9	2.6	0.0	130.9	-11.0	1.9
	Okt/Oct	101.3	-3.6	0.1	131.9	-1.4	0.9	108.3	40.5	2.0	120.6	-1.6	-0.2	141.9	-0.3	-2.7	130.3	-9.1	-0.5
	Nov	103.3	-3.0	2.0	133.1	-0.7	0.9	127.5	38.6	17.7	116.9	-3.2	-3.1	145.9	0.1	2.8	131.7	-8.6	1.1
	Dis/Dec	105.1	-2.1	1.7	137.0	0.7	2.9	135.2	41.1	6.0	117.4	-2.2	0.4	145.9	-0.4	0.0	130.2	-10.2	-1.1
2021	Jan	107.2	-0.1	2.0	139.8	0.7	2.0	139.9	37.8	3.5	120.5	0.5	2.6	145.9	-0.5	0.0	133.9	-9.5	2.8
	Feb	108.8	2.7	1.5	140.7	2.6	0.6	143.2	58.1	2.4	121.5	1.8	0.8	145.9	-0.3	0.0	142.9	3.6	6.7
	Mac/Mar	109.6	6.7	0.7	138.6	3.4	-1.5	148.0	67.4	3.4	120.6	2.6	-0.7	145.9	-0.3	0.0	146.1	8.3	2.2
	Apr	110.5	10.6	0.8	137.8	3.1	-0.6	153.0	80.0	3.4	124.4	10.2	3.2	146.8	0.6	0.6	147.4	11.7	0.9
	Mei/May	111.6	11.9	1.0	135.1	2.0	-2.0	157.5	104.5	2.9	126.9	4.4	2.0	146.4	0.3	-0.3	140.5	10.8	-4.7
	Jun/June	111.8	11.5	0.2	135.8	2.1	0.5	134.5	51.0	-14.6	125.2	-4.4	-1.3	148.0	1.4	1.1	140.5	10.8	0.0
	Jul/July	112.5	11.7	0.6	135.8	1.3	0.0	138.7	51.1	3.1	123.6	-0.8	-1.3	149.4	2.4	0.9	146.2	13.9	4.1
	Ogos/Aug	113.2	11.3	0.6	135.4	2.3	-0.3	143.0	40.5	3.1	127.4	4.5	3.1	153.5	5.2	2.7	149.4	16.3	2.2
	Sept	113.6	12.3	0.4	136.7	4.6	1.0	142.7	34.4	-0.2	129.6	7.3	1.7	158.1	8.4	3.0	148.5	13.4	-0.6
	Okt/Oct	114.7	13.2	1.0	138.1	4.7	1.0	145.1	34.0	1.7	129.0	7.0	-0.5	158.2	11.5	0.1	149.5	14.7	0.7
	Nov	116.3	12.6	1.4	142.2	6.8	3.0	157.2	23.3	8.3	130.5	11.6	1.2	159.0	9.0	0.5	147.7	12.1	-1.2
	Dis/Dec	115.6	10.0	-0.6	144.4	5.4	1.5	150.3	11.2	-4.4	131.0	11.6	0.4	161.9	11.0	1.8	146.4	12.4	-0.9
2022	Jan	117.1	9.2	1.3	144.5	3.4	0.1	160.3	14.6	6.7	128.6	6.7	-1.8	158.3	8.5	-2.2	151.7	13.3	3.6
	Feb	119.4	9.7	2.0	142.1	1.0	-1.7	176.5	23.3	10.1	127.3	4.8	-1.0	152.4	4.5	-3.7	156.3	9.4	3.0
	Mac/Mar	122.3	11.6	2.4	141.6	2.2	-0.4	197.4	33.4	11.8	127.2	5.5	-0.1	152.6	4.6	0.1	155.6	6.5	-0.4
	Apr	122.6	11.0	0.2	144.0	4.5	1.7	189.4	23.8	-4.1	127.2	2.3	0.0	156.5	6.6	2.6	157.7	7.0	1.3
	Mei/May	124.1	11.2	1.2	145.7	7.8	1.2	190.9	21.2	0.8	130.4	2.8	2.5	155.9	6.5	-0.4	156.4	11.3	-0.8
	Jun/June	124.0	10.9	-0.1	146.0	7.5	0.2	165.1	22.8	-13.5	133.8	6.9	2.6	162.9	10.1	4.5	155.8	10.9	-0.4
	Jul/July	121.1	7.6	-2.3	144.5	6.4	-1.0	113.0	-18.5	-31.6	132.9	7.5	-0.7	168.3	12.7	3.3	152.9	4.6	-1.9

**JADUAL
TABLE 9**

IHPR (2010=100) Pengeluaran Tempatan dan Perubahan Peratus mengikut Kumpulan (MSIC 2008), Malaysia (samb.)
PPI (2010=100) Local Production and Percentage Change by Group (MSIC 2008), Malaysia (cont'd)

Tempoh Period	Kumpulan Group	032 Akuakultur Aquaculture		061 Pengekstrakan petroleum mentah Extraction of crude petroleum		062 Pengekstrakan gas asli Extraction of natural gas		101 Pemprosesan dan pengawetan daging Processing and reserving of meat		102 Pemprosesan dan pengawetan ikan, krustasea dan moluska Processing and preserving of fish, crustaceans and molluscs		103 Pemprosesan dan pengawetan buah-buahan dan sayur-sayuran Processing and preserving of fruit and vegetables	
Wajaran (Weight)		0.098		5.782		2.145		0.392		0.257		0.089	
		Indeks Index	YoY %	Indeks Index	YoY %	Indeks Index	YoY %	Indeks Index	YoY %	Indeks Index	YoY %	Indeks Index	YoY %
2011		110.8	10.8	137.9	37.9	130.3	30.3	-	-	-	-	-	-
2012		112.3	1.4	139.5	1.2	146.3	12.3	-	-	-	-	-	-
2013		112.3	0.0	138.7	-0.6	146.8	0.3	-	-	-	-	-	-
2014		111.5	-0.7	127.6	-8.0	158.3	7.8	-	-	-	-	-	-
2015		111.5	0.0	79.2	-37.9	108.9	-31.2	-	-	-	-	-	-
2016		111.2	-0.3	73.8	-6.8	70.2	-35.5	-	-	-	-	-	-
2017		111.9	0.6	96.5	30.8	72.4	3.1	110.4	-	110.4	-	110.4	-
2018		133.1	18.9	116.6	20.8	75.4	4.1	106.0	-4.0	108.8	-1.4	108.0	-2.2
2019		136.8	2.8	110.8	-5.0	78.2	3.7	101.7	-4.1	107.7	-1.0	103.7	-4.0
2020		135.3	-1.1	66.9	-39.6	63.6	-18.7	106.6	4.8	108.4	0.6	104.0	0.3
2021		131.7	-2.7	98.8	47.7	73.7	15.9	114.4	7.3	111.0	2.4	102.1	-1.8
2016	ST1/Q1	111.5	0.0	61.7	-18.2	91.4	-38.5	-	-	-	-	-	-
	ST2/Q2	111.5	0.0	74.2	-17.5	63.6	-33.6	-	-	-	-	-	-
	ST3/Q3	111.5	0.0	73.7	-4.0	58.8	-34.0	-	-	-	-	-	-
	ST4/Q4	110.2	-1.2	85.6	14.4	66.9	-34.4	-	-	-	-	-	-
2017	ST1/Q1	107.9	-3.2	99.2	60.8	77.1	-15.6	115.0	-	115.0	-	115.0	-
	ST2/Q2	109.7	-1.6	89.3	20.4	73.7	15.9	110.9	-	110.9	-	110.9	-
	ST3/Q3	113.8	2.1	91.3	23.9	73.5	25.0	107.8	-	107.8	-	107.8	-
	ST4/Q4	116.3	5.5	106.3	24.2	65.3	-2.4	108.0	-	108.0	-	108.0	-
2018	ST1/Q1	131.6	22.0	108.4	9.3	71.8	-6.9	109.3	-5.0	107.3	-6.7	107.9	-6.2
	ST2/Q2	131.2	19.6	118.1	32.3	75.0	1.8	106.3	-4.1	107.6	-3.0	110.1	-0.7
	ST3/Q3	135.2	18.8	124.1	35.9	78.3	6.5	104.8	-2.8	110.5	2.5	109.4	1.5
	ST4/Q4	134.5	15.6	115.9	9.0	76.3	16.8	103.5	-4.2	109.5	1.4	104.3	-3.4
2019	ST1/Q1	135.7	3.1	107.2	-1.1	70.9	-1.3	102.2	-6.5	108.8	1.4	103.9	-3.7
	ST2/Q2	136.1	3.7	117.1	-0.8	69.5	-7.3	101.5	-4.5	107.4	-0.2	103.4	-6.1
	ST3/Q3	137.7	1.8	106.5	-14.2	80.2	2.4	101.5	-3.1	106.8	-3.3	103.5	-5.4
	ST4/Q4	137.6	2.3	112.5	-2.9	92.3	21.0	101.5	-1.9	107.9	-1.5	104.0	-0.3
2020	ST1/Q1	139.1	2.5	92.2	-14.0	75.0	5.8	102.6	0.4	107.7	-1.0	104.1	0.2
	ST2/Q2	139.5	2.5	49.1	-58.1	63.3	-8.9	103.4	1.9	107.9	0.5	104.4	1.0
	ST3/Q3	131.0	-4.9	64.2	-39.7	56.2	-29.9	110.0	8.4	109.1	2.2	104.6	1.1
	ST4/Q4	131.7	-4.3	62.2	-44.7	59.8	-35.2	110.2	8.6	108.8	0.8	103.0	-1.0
2021	ST1/Q1	132.3	-4.9	86.9	-5.7	64.1	-14.5	112.1	9.3	109.9	2.0	101.2	-2.8
	ST2/Q2	131.0	-6.1	96.6	96.7	68.1	7.6	114.0	10.3	110.2	2.1	100.4	-3.8
	ST3/Q3	131.0	0.0	104.8	63.2	79.2	40.9	112.6	2.4	111.7	2.4	102.2	-2.3
	ST4/Q4	132.3	0.5	106.9	71.9	83.3	39.3	119.0	8.0	112.2	3.1	104.6	1.6
2022	ST1/Q1	134.8	1.9	109.5	26.0	90.4	41.0	119.9	7.0	113.1	2.9	105.3	4.1
	ST2/Q2	135.7	3.6	110.2	14.1	97.8	43.6	122.6	7.5	113.0	2.5	106.4	6.0
2021	Jan - Jul/July	131.6	-4.6	93.9	34.5	67.2	-0.3	112.7	8.7	110.2	2.0	100.8	-3.4
2022	Jan - Jul/July	135.5	3.0	109.7	16.8	96.1	43.0	121.8	8.1	113.2	2.7	106.1	5.3

**JADUAL
TABLE**
9
IHPR (2010=100) Pengeluaran Tempatan dan Perubahan Peratus mengikut Kumpulan (MSIC 2008), Malaysia (samb.)
PPI (2010=100) Local Production and Percentage Change by Group (MSIC 2008), Malaysia (cont'd)

Tempoh	Kumpulan	032			061			062			101			102			103		
Period	Group	Akuakultur Aquaculture			Pengekstrakan petroleum mentah Extraction of crude petroleum			Pengekstrakan gas asli Extraction of natural gas			Pemprosesan dan pengawetan daging Processing and reserving of meat			Pemprosesan dan pengawetan ikan, krustasea dan moluska Processing and preserving of fish, crustaceans and molluscs			Pemprosesan dan pengawetan buah-buahan dan sayur-sayuran Processing and preserving of fruit and vegetables		
Wajaran (Weight)		0.098			5.782			2.145			0.392			0.257			0.089		
		Indeks Index	YoY %	MoM %	Indeks Index	YoY %	MoM %	Indeks Index	YoY %	MoM %	Indeks Index	YoY %	MoM %	Indeks Index	YoY %	MoM %	Indeks Index	YoY %	MoM %
2019	Jan	136.0	3.3	1.4	102.6	-10.9	2.9	72.7	8.0	-3.5	103.6	-6.3	0.3	108.6	1.0	0.2	104.5	-2.6	0.1
	Feb	135.6	3.1	-0.3	108.5	4.0	5.8	72.6	-6.0	-0.1	101.5	-6.6	-2.0	109.3	2.8	0.6	104.1	-3.2	-0.4
	Mac/Mar	135.6	3.0	0.0	110.4	4.3	1.8	67.5	-4.7	-7.0	101.5	-6.6	0.0	108.4	0.3	-0.8	103.1	-5.4	-1.0
	Apr	135.3	2.3	-0.2	119.3	6.1	8.1	67.4	-21.2	-0.1	101.5	-6.3	0.0	107.9	-1.3	-0.5	103.4	-5.9	0.3
	Mei/May	136.6	4.6	1.0	121.1	-0.8	1.5	74.4	2.3	10.4	101.5	-3.5	0.0	107.4	0.1	-0.5	103.4	-6.1	0.0
	Jun/June	136.3	4.3	-0.2	110.9	-7.4	-8.4	66.6	-0.3	-10.5	101.5	-3.8	0.0	107.0	0.7	-0.4	103.3	-6.4	-0.1
	Jul/July	137.8	1.8	1.1	107.6	-11.4	-3.0	73.5	-0.4	10.4	101.5	-4.0	0.0	106.6	-4.2	-0.4	103.5	-6.2	0.2
	Ogos/Aug	138.4	2.0	0.4	101.6	-15.0	-5.6	85.7	12.3	16.6	101.5	-2.2	0.0	106.5	-3.1	-0.1	103.5	-6.3	0.0
	Sept	137.0	1.7	-1.0	110.2	-16.2	8.5	81.4	-4.0	-5.0	101.5	-3.1	0.0	107.3	-2.8	0.8	103.6	-3.6	0.1
	Okt/Oct	137.1	1.8	0.1	105.0	-23.0	-4.7	88.1	11.7	8.2	101.5	-2.3	0.0	108.0	-2.1	0.7	104.1	0.1	0.5
	Nov	137.2	1.9	0.1	112.6	0.9	7.2	102.8	37.4	16.7	101.5	-1.7	0.0	107.8	-1.9	-0.2	104.0	-0.5	-0.1
	Dis/Dec	138.5	3.3	0.9	120.0	20.4	6.6	86.1	14.3	-16.2	101.6	-1.6	0.1	108.0	-0.4	0.2	104.0	-0.4	0.0
2020	Jan	138.9	2.1	0.3	112.3	9.5	-6.4	78.5	8.0	-8.8	102.2	-1.4	0.6	108.0	-0.6	0.0	103.8	-0.7	-0.2
	Feb	139.3	2.7	0.3	100.0	-7.8	-11.0	78.8	8.5	0.4	102.4	0.9	0.2	107.6	-1.6	-0.4	104.6	0.5	0.8
	Mac/Mar	139.0	2.5	-0.2	64.3	-41.8	-35.7	67.8	0.4	-14.0	103.1	1.6	0.7	107.4	-0.9	-0.2	103.9	0.8	-0.7
	Apr	139.3	3.0	0.2	39.3	-67.1	-38.9	67.1	-0.4	-1.0	100.9	-0.6	-2.1	107.5	-0.4	0.1	103.2	-0.2	-0.7
	Mei/May	139.8	2.3	0.4	50.5	-58.3	28.5	60.4	-18.8	-10.0	103.3	1.8	2.4	107.5	0.1	0.0	104.2	0.8	1.0
	Jun/June	139.4	2.3	-0.3	57.4	-48.2	13.7	62.3	-6.5	3.1	106.1	4.5	2.7	108.7	1.6	1.1	105.7	2.3	1.4
	Jul/July	130.6	-5.2	-6.3	64.9	-39.7	13.1	56.9	-22.6	-8.7	107.6	6.0	1.4	109.1	2.3	0.4	105.1	1.5	-0.6
	Ogos/Aug	131.2	-5.2	0.5	67.4	-33.7	3.9	56.9	-33.6	0.0	111.6	10.0	3.7	109.2	2.5	0.1	104.7	1.2	-0.4
	Sept	131.1	-4.3	-0.1	60.4	-45.2	-10.4	54.8	-32.7	-3.7	110.8	9.2	-0.7	108.9	1.5	-0.3	104.0	0.4	-0.7
	Okt/Oct	129.6	-5.5	-1.1	56.8	-45.9	-6.0	59.5	-32.5	8.6	110.2	8.6	-0.5	108.3	0.3	-0.6	103.1	-1.0	-0.9
	Nov	131.9	-3.9	1.8	60.3	-46.4	6.2	58.4	-43.2	-1.8	110.7	9.1	0.5	109.6	1.7	1.2	102.7	-1.3	-0.4
	Dis/Dec	133.7	-3.5	1.4	69.4	-42.2	15.1	61.4	-28.7	5.1	109.8	8.1	-0.8	108.5	0.5	-1.0	103.2	-0.8	0.5
2021	Jan	132.3	-4.8	-1.0	78.7	-29.9	13.4	62.6	-20.3	2.0	112.3	9.9	2.3	109.8	1.7	1.2	101.9	-1.8	-1.3
	Feb	132.9	-4.6	0.5	90.6	-9.4	15.1	64.5	-18.1	3.0	112.4	9.8	0.1	110.0	2.2	0.2	101.3	-3.2	-0.6
	Mac/Mar	131.8	-5.2	-0.8	91.5	42.3	1.0	65.1	-4.0	0.9	111.6	8.2	-0.7	109.9	2.3	-0.1	100.4	-3.4	-0.9
	Apr	130.5	-6.3	-1.0	92.4	135.1	1.0	66.3	-1.2	1.8	114.2	13.2	2.3	110.2	2.5	0.3	101.1	-2.0	0.7
	Mei/May	131.8	-5.7	1.0	94.4	86.9	2.2	67.6	11.9	2.0	114.0	10.4	-0.2	110.3	2.6	0.1	99.6	-4.4	-1.5
	Jun/June	130.6	-6.3	-0.9	102.9	79.3	9.0	70.3	12.8	4.0	113.8	7.3	-0.2	110.0	1.2	-0.3	100.4	-5.0	0.8
	Jul/July	131.2	0.5	0.5	106.7	64.4	3.7	73.9	29.9	5.1	110.9	3.1	-2.5	111.3	2.0	1.2	101.2	-3.7	0.8
	Ogos/Aug	130.7	-0.4	-0.4	103.6	53.7	-2.9	81.4	43.1	10.1	111.8	0.2	0.8	111.8	2.4	0.4	102.2	-2.4	1.0
	Sept	131.1	0.0	0.3	104.1	72.4	0.5	82.4	50.4	1.2	115.1	3.9	3.0	112.0	2.8	0.2	103.2	-0.8	1.0
	Okt/Oct	132.5	2.2	1.1	110.3	94.2	6.0	85.2	43.2	3.4	117.6	6.7	2.2	112.1	3.5	0.1	104.1	1.0	0.9
	Nov	131.6	-0.2	-0.7	108.4	79.8	-1.7	80.7	38.2	-5.3	120.1	8.5	2.1	112.3	2.5	0.2	104.7	1.9	0.6
	Dis/Dec	132.8	-0.7	0.9	101.9	46.8	-6.0	84.1	37.0	4.2	119.3	8.7	-0.7	112.3	3.5	0.0	104.9	1.6	0.2
2022	Jan	134.6	1.7	1.4	105.1	33.5	3.1	87.0	39.0	3.4	119.6	6.5	0.3	112.7	2.6	0.4	105.0	3.0	0.1
	Feb	134.7	1.4	0.1	108.4	19.6	3.1	91.6	42.0	5.3	119.6	6.4	0.0	113.2	2.9	0.4	105.3	3.9	0.3
	Mac/Mar	135.0	2.4	0.2	114.9	25.6	6.0	92.5	42.1	1.0	120.6	8.1	0.8	113.5	3.3	0.3	105.6	5.2	0.3
	Apr	134.9	3.4	-0.1	105.0	13.6	-8.6	94.8	43.0	2.5	121.3	6.2	0.6	113.4	2.9	-0.1	104.9	3.8	-0.7
	Mei/May	135.8	3.0	0.7	109.5	16.0	4.3	97.7	44.5	3.1	122.5	7.5	1.0	112.5	2.0	-0.8	107.4	7.8	2.4
	Jun/June	136.4	4.4	0.4	116.0	12.7	5.9	100.8	43.4	3.2	123.9	8.9	1.1	113.2	2.9	0.6	107.0	6.6	-0.4
	Jul/July	137.2	4.6	0.6	108.8	2.0	-6.2	108.2	46.4	7.3	125.1	12.8	1.0	113.6	2.1	0.4	107.6	6.3	0.6

Tempoh Period	Kumpulan Group	104 Pembuatan minyak dan lemak daripada sayuran dan haiwan Manufacture of vegetable and animal oils and fats		105 Pembuatan produk tenusu Manufacture of dairy products		106 Pembuatan produk bijian, kanji dan produk berkanji Manufacture of grain mill products, starches and starch products		107 Pembuatan produk makanan lain Manufacture of other food products		108 Pembuatan makanan haiwan tersedia Manufacture of prepared animal feeds		110 Pembuatan minuman ringan Manufacture of beverages	
Wajaran (Weight)		9.956		0.661		0.444		2.078		0.654		0.671	
		Indeks Index	YoY %	Indeks Index	YoY %	Indeks Index	YoY %	Indeks Index	YoY %	Indeks Index	YoY %	Indeks Index	YoY %
2011		123.1	23.1	113.5	13.5	99.9	-0.1	110.2	10.2	-	-	104.0	4.0
2012		110.3	-10.4	117.8	3.8	101.3	1.4	108.9	-1.2	-	-	104.8	0.8
2013		92.9	-15.8	120.0	1.9	103.0	1.7	108.4	-0.5	-	-	103.4	-1.3
2014		100.2	7.9	120.0	0.0	102.1	-0.9	115.1	6.2	-	-	106.9	3.4
2015		93.5	-6.7	120.1	0.1	104.3	2.2	116.3	1.0	-	-	106.4	-0.5
2016		99.9	6.8	120.6	0.4	105.6	1.2	117.4	0.9	-	-	107.2	0.8
2017		107.9	8.0	127.3	5.6	107.0	1.3	118.6	1.0	110.4	-	106.6	-0.6
2018		93.5	-13.3	127.4	0.1	107.8	0.7	117.0	-1.3	109.0	-1.3	105.9	-0.7
2019		85.1	-9.0	122.9	-3.5	108.4	0.6	115.9	-0.9	109.7	0.6	106.1	0.2
2020		92.8	9.0	123.9	0.8	109.3	0.8	114.6	-1.1	110.3	0.5	105.0	-1.0
2021		113.5	22.3	126.3	1.9	112.3	2.7	113.8	-0.7	119.8	8.6	104.3	-0.7
2016	ST1/Q1	95.7	-0.8	120.6	0.5	104.6	1.0	117.6	1.3	-	-	106.9	0.8
	ST2/Q2	98.2	4.9	120.6	0.5	105.8	1.4	117.6	1.6	-	-	107.1	0.8
	ST3/Q3	98.9	7.5	120.6	0.5	106.1	1.2	117.6	1.4	-	-	107.7	0.9
	ST4/Q4	106.7	15.9	120.5	0.1	106.0	1.5	116.7	-0.4	-	-	107.1	0.4
2017	ST1/Q1	114.2	19.3	124.8	3.5	106.6	1.9	117.7	0.1	115.0	-	106.0	-0.8
	ST2/Q2	108.2	10.2	128.8	6.8	106.8	0.9	119.1	1.3	110.9	-	106.2	-0.8
	ST3/Q3	104.3	5.5	128.5	6.6	107.1	0.9	119.0	1.2	107.8	-	107.1	-0.6
	ST4/Q4	104.7	-1.9	127.2	5.6	107.5	1.4	118.7	1.7	108.0	-	107.1	0.0
2018	ST1/Q1	99.4	-13.0	129.9	4.1	108.0	1.3	117.7	0.0	105.7	-8.1	106.9	0.8
	ST2/Q2	95.7	-11.6	128.1	-0.5	108.6	1.7	116.9	-1.8	108.6	-2.1	105.1	-1.0
	ST3/Q3	91.7	-12.1	125.3	-2.5	107.0	-0.1	116.6	-2.0	110.9	2.9	105.5	-1.5
	ST4/Q4	87.1	-16.8	126.4	-0.6	107.4	-0.1	116.9	-1.5	110.8	2.6	105.9	-1.1
2019	ST1/Q1	85.0	-14.5	122.9	-5.4	108.0	0.0	116.4	-1.1	110.6	4.6	105.9	-0.9
	ST2/Q2	84.6	-11.6	123.0	-4.0	108.3	-0.3	116.0	-0.8	108.8	0.2	106.5	1.3
	ST3/Q3	84.0	-8.4	122.8	-2.0	108.6	1.5	115.7	-0.8	110.2	-0.6	106.0	0.5
	ST4/Q4	87.0	-0.1	122.9	-2.8	108.5	1.0	115.5	-1.2	109.3	-1.4	105.9	0.0
2020	ST1/Q1	93.6	10.1	122.8	-0.1	108.1	0.1	115.1	-1.1	109.7	-0.8	106.1	0.2
	ST2/Q2	88.4	4.5	124.8	1.5	108.9	0.6	115.2	-0.7	110.5	1.6	104.8	-1.6
	ST3/Q3	90.1	7.3	124.1	1.1	109.9	1.2	114.4	-1.1	110.1	-0.1	104.6	-1.3
	ST4/Q4	99.1	13.9	123.8	0.7	110.2	1.6	113.5	-1.7	111.0	1.6	104.5	-1.3
2021	ST1/Q1	107.6	15.0	124.6	1.5	110.4	2.1	113.4	-1.5	115.0	4.8	105.1	-0.9
	ST2/Q2	112.6	27.4	124.2	-0.5	111.5	2.4	113.7	-1.3	119.2	7.9	104.6	-0.2
	ST3/Q3	114.7	27.3	125.2	0.9	113.1	2.9	114.0	-0.3	122.1	10.9	103.4	-1.1
	ST4/Q4	119.3	20.4	131.3	6.1	114.1	3.5	114.1	0.5	123.1	10.9	104.3	-0.2
2022	ST1/Q1	127.8	18.8	136.1	9.2	114.5	3.7	114.9	1.3	126.6	10.1	103.9	-1.1
	ST2/Q2	139.3	23.7	136.9	10.2	119.2	6.9	116.4	2.4	135.7	13.8	104.7	0.1
2021	Jan - Jul/July	110.7	22.3	124.5	0.5	111.2	2.4	113.6	-1.3	117.7	7.0	104.7	-0.6
2022	Jan - Jul/July	133.8	20.9	136.6	9.7	117.7	5.8	115.9	2.0	132.8	12.8	104.4	-0.3

Tempoh	Kumpulan	104			105			106			107			108			110		
Period	Group	Pembuatan minyak dan lemak daripada sayuran dan haiwan <i>Manufacture of vegetable and animal oils and fats</i>			Pembuatan produk tenusu <i>Manufacture of dairy products</i>			Pembuatan produk bijian, kanji dan produk berkanji <i>Manufacture of grain mill products, starches and starch products</i>			Pembuatan produk makanan lain <i>Manufacture of other food products</i>			Pembuatan makanan haiwan tersedia <i>Manufacture of prepared animal feeds</i>			Pembuatan minuman ringan <i>Manufacture of beverages</i>		
Wajaran (Weight)		9.956			0.661			0.444			2.078			0.654			0.671		
		Indeks <i>Index</i>	YoY <i>%</i>	MoM <i>%</i>	Indeks <i>Index</i>	YoY <i>%</i>	MoM <i>%</i>	Indeks <i>Index</i>	YoY <i>%</i>	MoM <i>%</i>	Indeks <i>Index</i>	YoY <i>%</i>	MoM <i>%</i>	Indeks <i>Index</i>	YoY <i>%</i>	MoM <i>%</i>	Indeks <i>Index</i>	YoY <i>%</i>	MoM <i>%</i>
2019	Jan	84.0	-16.4	-0.8	122.9	-3.3	-2.8	107.5	-0.4	-0.1	116.8	-0.8	-0.3	111.1	5.2	1.1	105.6	-1.4	0.1
	Feb	85.5	-14.1	1.8	122.9	-6.5	0.0	108.2	0.0	0.7	116.4	-1.0	-0.3	110.1	3.9	-0.9	106.0	-0.8	0.4
	Mac/Mar	85.4	-13.0	-0.1	123.0	-6.2	0.1	108.4	0.4	0.2	116.1	-1.4	-0.3	110.7	4.8	0.5	106.1	-0.5	0.1
	Apr	84.9	-12.3	-0.6	123.0	-6.9	0.0	108.2	-0.9	-0.2	116.1	-1.6	0.0	109.1	1.5	-1.4	106.3	0.5	0.2
	Mei/May	84.6	-11.5	-0.4	123.0	-2.5	0.0	108.3	-0.2	0.1	116.0	-0.3	-0.1	109.5	1.0	0.4	106.4	1.9	0.1
	Jun/June	84.2	-11.0	-0.5	123.0	-2.3	0.0	108.5	0.5	0.2	115.8	-0.6	-0.2	107.8	-2.0	-1.6	106.7	1.4	0.3
	Jul/July	83.5	-10.3	-0.8	123.0	-2.1	0.0	108.5	1.5	0.0	115.8	-0.6	0.0	109.9	-0.1	1.9	106.2	1.0	-0.5
	Ogos/Aug	83.5	-8.5	0.0	123.0	-1.8	0.0	108.7	1.6	0.2	115.8	-0.8	0.0	110.5	-1.4	0.5	105.9	0.7	-0.3
	Sept	84.9	-6.3	1.7	122.4	-2.2	-0.5	108.5	1.4	-0.2	115.6	-0.8	-0.2	110.1	-0.5	-0.4	105.8	-0.2	-0.1
	Okt/Oct	85.5	-4.7	0.7	122.4	-3.2	0.0	108.4	0.9	-0.1	115.5	-0.9	-0.1	109.7	-1.4	-0.4	105.5	-0.8	-0.3
	Nov	86.7	-0.1	1.4	123.1	-2.6	0.6	108.8	1.4	0.4	115.5	-1.5	0.0	108.9	-2.1	-0.7	105.9	0.0	0.4
	Dis/Dec	88.9	5.0	2.5	123.1	-2.6	0.0	108.4	0.7	-0.4	115.6	-1.3	0.1	109.4	-0.5	0.5	106.3	0.8	0.4
2020	Jan	92.5	10.1	4.0	123.0	0.1	-0.1	108.3	0.7	-0.1	114.9	-1.6	-0.6	109.1	-1.8	-0.3	106.1	0.5	-0.2
	Feb	94.9	11.0	2.6	122.9	0.0	-0.1	107.9	-0.3	-0.4	115.3	-0.9	0.3	109.7	-0.4	0.5	106.5	0.5	0.4
	Mac/Mar	93.5	9.5	-1.5	122.5	-0.4	-0.3	108.0	-0.4	0.1	115.2	-0.8	-0.1	110.4	-0.3	0.6	105.7	-0.4	-0.8
	Apr	90.7	6.8	-3.0	123.6	0.5	0.9	108.4	0.2	0.4	115.4	-0.6	0.2	111.0	1.7	0.5	105.7	-0.6	0.0
	Mei/May	88.4	4.5	-2.5	125.7	2.2	1.7	109.0	0.6	0.6	114.9	-0.9	-0.4	110.1	0.5	-0.8	104.7	-1.6	-0.9
	Jun/June	86.2	2.4	-2.5	125.1	1.7	-0.5	109.2	0.6	0.2	115.3	-0.4	0.3	110.5	2.5	0.4	104.1	-2.4	-0.6
	Jul/July	87.4	4.7	1.4	124.7	1.4	-0.3	109.7	1.1	0.5	114.7	-0.9	-0.5	109.5	-0.4	-0.9	104.6	-1.5	0.5
	Ogos/Aug	90.3	8.1	3.3	124.5	1.2	-0.2	109.7	0.9	0.0	114.6	-1.0	-0.1	110.5	0.0	0.9	104.3	-1.5	-0.3
	Sept	92.5	9.0	2.4	123.0	0.5	-1.2	110.2	1.6	0.5	113.9	-1.5	-0.6	110.3	0.2	-0.2	104.8	-0.9	0.5
	Okt/Oct	96.3	12.6	4.1	123.5	0.9	0.4	109.7	1.2	-0.5	113.5	-1.7	-0.4	109.8	0.1	-0.5	104.3	-1.1	-0.5
	Nov	98.7	13.8	2.5	123.9	0.6	0.3	110.6	1.7	0.8	113.5	-1.7	0.0	110.1	1.1	0.3	104.3	-1.5	0.0
	Dis/Dec	102.2	15.0	3.5	124.0	0.7	0.1	110.3	1.8	-0.3	113.4	-1.9	-0.1	113.1	3.4	2.7	104.9	-1.3	0.6
2021	Jan	105.6	14.2	3.3	125.0	1.6	0.8	110.1	1.7	-0.2	113.5	-1.2	0.1	113.9	4.4	0.7	105.2	-0.8	0.3
	Feb	107.6	13.4	1.9	124.4	1.2	-0.5	110.5	2.4	0.4	113.5	-1.6	0.0	114.7	4.6	0.7	105.3	-1.1	0.1
	Mac/Mar	109.5	17.1	1.8	124.5	1.6	0.1	110.6	2.4	0.1	113.3	-1.6	-0.2	116.3	5.3	1.4	104.9	-0.8	-0.4
	Apr	111.1	22.5	1.5	123.7	0.1	-0.6	110.8	2.2	0.2	113.5	-1.6	0.2	118.1	6.4	1.5	104.7	-0.9	-0.2
	Mei/May	112.9	27.7	1.6	124.3	-1.1	0.5	111.4	2.2	0.5	113.8	-1.0	0.3	119.1	8.2	0.8	104.5	-0.2	-0.2
	Jun/June	113.8	32.0	0.8	124.6	-0.4	0.2	112.3	2.8	0.8	113.8	-1.3	0.0	120.3	8.9	1.0	104.5	0.4	0.0
	Jul/July	114.1	30.5	0.3	124.8	0.1	0.2	112.4	2.5	0.1	113.7	-0.9	-0.1	121.5	11.0	1.0	103.9	-0.7	-0.6
	Ogos/Aug	114.7	27.0	0.5	125.3	0.6	0.4	112.8	2.8	0.4	113.9	-0.6	0.2	121.8	10.2	0.2	103.2	-1.1	-0.7
	Sept	115.2	24.5	0.4	125.6	2.1	0.2	114.0	3.4	1.1	114.3	0.4	0.4	123.0	11.5	1.0	103.0	-1.7	-0.2
	Okt/Oct	116.9	21.4	1.5	125.5	1.6	-0.1	113.8	3.7	-0.2	113.9	0.4	-0.3	123.0	12.0	0.0	104.2	-0.1	1.2
	Nov	120.3	21.9	2.9	134.0	8.2	6.8	114.5	3.5	0.6	114.1	0.5	0.2	123.2	11.9	0.2	105.0	0.7	0.8
	Dis/Dec	120.7	18.1	0.3	134.4	8.4	0.3	113.9	3.3	-0.5	114.4	0.9	0.3	123.0	8.8	-0.2	103.7	-1.1	-1.2
2022	Jan	123.6	17.0	2.4	135.7	8.6	1.0	114.5	4.0	0.5	114.4	0.8	0.0	124.5	9.3	1.2	103.5	-1.6	-0.2
	Feb	127.6	18.6	3.2	136.4	9.6	0.5	114.0	3.2	-0.4	115.1	1.4	0.6	126.2	10.0	1.4	104.1	-1.1	0.6
	Mac/Mar	132.3	20.8	3.7	136.2	9.4	-0.1	115.0	4.0	0.9	115.1	1.6	0.0	129.2	11.1	2.4	104.1	-0.8	0.0
	Apr	137.1	23.4	3.6	136.8	10.6	0.4	115.9	4.6	0.8	115.6	1.9	0.4	131.6	11.4	1.9	104.2	-0.5	0.1
	Mei/May	140.6	24.5	2.6	137.0	10.2	0.1	119.7	7.5	3.3	116.6	2.5	0.9	136.4	14.5	3.6	105.1	0.6	0.9
	Jun/June	140.2	23.2	-0.3	136.8	9.8	-0.1	122.1	8.7	2.0	116.9	2.7	0.3	139.2	15.7	2.1	104.9	0.4	-0.2
	Jul/July	135.2	18.5	-3.6	137.3	10.0	0.4	122.9	9.3	0.7	117.3	3.2	0.3	142.5	17.3	2.4	104.8	0.9	-0.1

**JADUAL
TABLE 9**

IHPR (2010=100) Pengeluaran Tempatan dan Perubahan Peratus mengikut Kumpulan (MSIC 2008), Malaysia (samb.)
PPI (2010=100) Local Production and Percentage Change by Group (MSIC 2008), Malaysia (cont'd)

Tempoh Period	Kumpulan Group	120 Pembuatan produk tembakau Manufacture of tobacco products		131 Pemintalan, penenunan dan penyiapan tekstil Spinning, weaving and finishing of textiles		139 Pembuatan tekstil lain Manufacture of other textiles		141 Pembuatan pakaian, kecuali pakaian berbulu Manufacture of wearing apparel, except fur apparel		142 Pembuatan artikel daripada kulit bulu Manufacture of articles of fur		143 Pembuatan pakaian yang dikait dan dikrusye Manufacture of knitted and crocheted apparel	
Wajaran (Weight)		0.306		0.440		0.194		0.526		0.004		0.020	
		Indeks Index	YoY %	Indeks Index	YoY %	Indeks Index	YoY %	Indeks Index	YoY %	Indeks Index	YoY %	Indeks Index	YoY %
2011		99.6	-0.4	95.0	-5.0	-	-	100.6	0.6	-	-	-	-
2012		99.6	0.0	87.5	-7.9	-	-	101.7	1.1	-	-	-	-
2013		105.7	6.1	87.7	0.2	-	-	102.2	0.5	-	-	-	-
2014		114.6	8.4	93.5	6.6	-	-	102.5	0.3	-	-	-	-
2015		115.9	1.1	100.8	7.8	-	-	103.5	1.0	-	-	-	-
2016		115.9	0.0	100.5	-0.3	-	-	105.1	1.5	-	-	-	-
2017		116.3	0.3	98.2	-2.3	98.2	-	105.6	0.5	105.6	-	105.6	-
2018		117.0	0.6	97.3	-0.9	89.7	-8.7	102.3	-3.1	92.3	-12.6	106.6	0.9
2019		115.8	-1.0	93.7	-3.7	89.9	0.2	102.7	0.4	110.5	19.7	105.3	-1.2
2020		116.1	0.3	96.2	2.7	90.7	0.9	102.1	-0.6	107.9	-2.4	111.9	6.3
2021		116.4	0.3	97.8	1.7	89.7	-1.1	100.2	-1.9	114.9	6.5	100.5	-10.2
2016	ST1/Q1	115.9	0.0	102.1	1.6	-	-	104.9	2.0	-	-	-	-
	ST2/Q2	115.9	0.0	99.9	-0.3	-	-	105.0	1.9	-	-	-	-
	ST3/Q3	115.9	0.0	100.3	1.3	-	-	105.2	1.4	-	-	-	-
	ST4/Q4	115.9	0.0	99.7	-3.6	-	-	105.5	0.9	-	-	-	-
2017	ST1/Q1	116.3	0.3	101.0	-1.1	101.0	-	105.5	0.6	105.5	-	105.5	-
	ST2/Q2	116.2	0.3	99.1	-0.8	99.1	-	106.3	1.2	106.3	-	106.3	-
	ST3/Q3	116.7	0.7	97.4	-2.9	97.4	-	105.4	0.2	105.4	-	105.4	-
	ST4/Q4	115.9	0.0	95.2	-4.5	95.2	-	105.3	-0.2	105.3	-	105.3	-
2018	ST1/Q1	116.5	0.2	99.1	-1.9	93.9	-7.0	102.6	-2.7	93.6	-11.3	107.8	2.2
	ST2/Q2	116.3	0.1	97.3	-1.8	88.1	-11.1	101.3	-4.7	91.2	-14.2	108.0	1.6
	ST3/Q3	117.3	0.5	96.6	-0.8	88.5	-9.1	102.4	-2.8	98.2	-6.8	105.3	-0.1
	ST4/Q4	118.0	1.8	96.3	1.2	88.2	-7.4	102.8	-2.4	86.1	-18.2	105.3	0.0
2019	ST1/Q1	116.5	0.0	94.3	-4.8	89.5	-4.7	102.8	0.2	91.2	-2.6	105.3	-2.3
	ST2/Q2	115.5	-0.7	93.4	-4.0	89.9	2.0	102.7	1.4	115.8	27.0	105.3	-2.5
	ST3/Q3	115.5	-1.5	93.7	-3.0	89.9	1.6	102.7	0.3	118.7	20.9	105.3	0.0
	ST4/Q4	115.5	-2.1	93.3	-3.1	90.2	2.3	102.6	-0.2	116.4	35.2	105.3	0.0
2020	ST1/Q1	116.0	-0.4	94.6	0.3	91.2	1.9	102.8	0.0	110.9	21.6	114.3	8.5
	ST2/Q2	116.1	0.5	97.5	4.4	90.8	1.0	103.0	0.3	111.0	-4.1	116.0	10.2
	ST3/Q3	116.1	0.5	96.5	3.0	89.7	-0.2	101.2	-1.5	97.9	-17.5	114.9	9.1
	ST4/Q4	116.1	0.5	96.2	3.1	91.1	1.0	101.4	-1.2	111.6	-4.1	102.3	-2.8
2021	ST1/Q1	116.4	0.3	96.0	1.5	90.2	-1.1	101.6	-1.2	104.8	-5.5	100.5	-12.1
	ST2/Q2	116.4	0.3	97.3	-0.2	89.6	-1.3	98.6	-4.3	128.5	15.8	100.5	-13.4
	ST3/Q3	116.4	0.3	98.2	1.8	89.1	-0.7	100.1	-1.1	117.6	20.1	100.5	-12.5
	ST4/Q4	116.4	0.3	99.7	3.6	90.0	-1.2	100.3	-1.1	108.8	-2.5	100.5	-1.8
2022	ST1/Q1	116.4	0.0	100.4	4.6	94.0	4.2	101.1	-0.5	118.8	13.4	100.5	0.0
	ST2/Q2	116.4	0.0	101.9	4.7	96.8	8.0	101.0	2.4	114.3	-11.1	100.5	0.0
2021	Jan - Jul/July	116.4	0.3	96.8	0.7	89.7	-1.3	99.9	-2.8	118.8	9.4	100.5	-12.9
2022	Jan - Jul/July	116.4	0.0	101.4	4.8	95.7	6.7	101.0	1.1	114.8	-3.4	100.5	0.0

Tempoh Period	Kumpulan Group	120 Pembuatan produk tembakau Manufacture of tobacco products			131 Pemintalan, penenunan dan penyiapan tekstil Spinning, weaving and finishing of textiles			139 Pembuatan tekstil lain Manufacture of other textiles			141 Pembuatan pakaian, kecuali pakaian berbulu Manufacture of wearing apparel, except fur apparel			142 Pembuatan artikel daripada kulit bulu Manufacture of articles of fur			143 Pembuatan pakaian yang dikait dan dikrusye Manufacture of knitted and crocheted apparel		
Wajaran (Weight)		0.306			0.440			0.194			0.526			0.004			0.020		
		Indeks Index	YoY %	MoM %	Indeks Index	YoY %	MoM %	Indeks Index	YoY %	MoM %	Indeks Index	YoY %	MoM %	Indeks Index	YoY %	MoM %	Indeks Index	YoY %	MoM %
2019	Jan	118.5	2.6	0.0	94.5	-4.3	-0.5	89.0	-5.1	0.6	102.8	-1.2	-0.2	80.4	-14.6	-11.8	105.3	0.0	0.0
	Feb	115.5	-2.0	-2.5	94.3	-3.2	-0.2	89.6	-6.0	0.7	102.6	-0.2	-0.2	91.0	2.8	13.2	105.3	0.0	0.0
	Mac/Mar	115.5	-0.6	0.0	94.0	-7.1	-0.3	89.8	-3.1	0.2	103.1	2.0	0.5	102.2	4.1	12.3	105.3	-6.6	0.0
	Apr	115.5	-1.3	0.0	93.7	-5.8	-0.3	89.9	2.0	0.1	102.7	2.4	-0.4	109.8	16.8	7.4	105.3	-7.1	0.0
	Mei/May	115.5	0.4	0.0	93.7	-2.2	0.0	89.9	2.5	0.0	103.0	1.3	0.3	118.8	33.8	8.2	105.3	0.0	0.0
	Jun/June	115.5	-1.2	0.0	92.7	-4.1	-1.1	90.0	1.7	0.1	102.5	0.6	-0.5	118.8	30.7	0.0	105.3	0.0	0.0
	Jul/July	115.5	-1.2	0.0	92.7	-4.0	0.0	90.0	1.7	0.0	102.3	0.3	-0.2	111.0	-0.3	-6.6	105.3	0.0	0.0
	Ogos/Aug	115.5	-1.7	0.0	94.0	-2.5	1.4	90.0	1.6	0.0	103.0	1.1	0.7	118.1	25.0	6.4	105.3	0.0	0.0
	Sept	115.5	-1.7	0.0	94.3	-2.6	0.3	89.7	1.4	-0.3	102.9	-0.5	-0.1	127.1	43.3	7.6	105.3	0.0	0.0
	Okt/Oct	115.5	-2.0	0.0	93.6	-3.2	-0.7	90.1	2.4	0.4	102.7	-0.6	-0.2	114.6	30.4	-9.8	105.3	0.0	0.0
	Nov	115.5	-2.0	0.0	93.3	-3.9	-0.3	90.2	2.5	0.1	102.5	0.3	-0.2	116.9	47.8	2.0	105.3	0.0	0.0
	Dis/Dec	115.5	-2.5	0.0	93.0	-2.1	-0.3	90.2	1.9	0.0	102.5	-0.5	0.0	117.6	28.9	0.6	105.3	0.0	0.0
2020	Jan	116.0	-2.1	0.4	93.3	-1.3	0.3	91.6	2.9	1.6	102.2	-0.6	-0.3	117.6	46.3	0.0	110.9	5.3	5.3
	Feb	116.0	0.4	0.0	93.7	-0.6	0.4	91.2	1.8	-0.4	102.8	0.2	0.6	107.5	18.1	-8.6	116.0	10.2	4.6
	Mac/Mar	116.1	0.5	0.1	96.9	3.1	3.4	90.8	1.1	-0.4	103.3	0.2	0.5	107.5	5.2	0.0	116.0	10.2	0.0
	Apr	116.1	0.5	0.0	97.2	3.7	0.3	91.1	1.3	0.3	103.0	0.3	-0.3	107.5	-2.1	0.0	119.0	13.0	2.6
	Mei/May	116.1	0.5	0.0	97.8	4.4	0.6	91.0	1.2	-0.1	103.4	0.4	0.4	117.7	-0.9	9.5	119.0	13.0	0.0
	Jun/June	116.1	0.5	0.0	97.4	5.1	-0.4	90.4	0.4	-0.7	102.5	0.0	-0.9	107.9	-9.2	-8.3	110.1	4.6	-7.5
	Jul/July	116.1	0.5	0.0	96.5	4.1	-0.9	89.9	-0.1	-0.6	102.6	0.3	0.1	94.7	-14.7	-12.2	116.6	10.7	5.9
	Ogos/Aug	116.1	0.5	0.0	96.4	2.6	-0.1	89.5	-0.6	-0.4	100.6	-2.3	-1.9	97.0	-17.9	2.4	116.4	10.5	-0.2
	Sept	116.1	0.5	0.0	96.5	2.3	0.1	89.6	-0.1	0.1	100.4	-2.4	-0.2	102.1	-19.7	5.3	111.8	6.2	-4.0
	Okt/Oct	116.1	0.5	0.0	96.0	2.6	-0.5	90.9	0.9	1.5	101.1	-1.6	0.7	105.3	-8.1	3.1	104.8	-0.5	-6.3
	Nov	116.1	0.5	0.0	96.4	3.3	0.4	91.6	1.6	0.8	101.0	-1.5	-0.1	114.8	-1.8	9.0	104.5	-0.8	-0.3
	Dis/Dec	116.1	0.5	0.0	96.1	3.3	-0.3	90.8	0.7	-0.9	102.1	-0.4	1.1	114.8	-2.4	0.0	97.7	-7.2	-6.5
2021	Jan	116.4	0.3	0.3	94.9	1.7	-1.2	91.4	-0.2	0.7	102.9	0.7	0.8	96.5	-17.9	-15.9	100.5	-9.4	2.9
	Feb	116.4	0.3	0.0	96.0	2.5	1.2	89.4	-2.0	-2.2	101.7	-1.1	-1.2	109.0	1.4	13.0	100.5	-13.4	0.0
	Mac/Mar	116.4	0.3	0.0	97.0	0.1	1.0	89.8	-1.1	0.4	100.3	-2.9	-1.4	109.0	1.4	0.0	100.5	-13.4	0.0
	Apr	116.4	0.3	0.0	96.8	-0.4	-0.2	89.8	-1.4	0.0	98.2	-4.7	-2.1	122.1	13.6	12.0	100.5	-15.5	0.0
	Mei/May	116.4	0.3	0.0	98.0	0.2	1.2	89.9	-1.2	0.1	98.4	-4.8	0.2	131.7	11.9	7.9	100.5	-15.5	0.0
	Jun/June	116.4	0.3	0.0	97.2	-0.2	-0.8	89.1	-1.4	-0.9	99.3	-3.1	0.9	131.7	22.1	0.0	100.5	-8.7	0.0
	Jul/July	116.4	0.3	0.0	98.0	1.6	0.8	88.8	-1.2	-0.3	98.8	-3.7	-0.5	131.7	39.1	0.0	100.5	-13.8	0.0
	Ogos/Aug	116.4	0.3	0.0	98.1	1.8	0.1	89.3	-0.2	0.6	99.8	-0.8	1.0	117.9	21.5	-10.5	100.5	-13.7	0.0
	Sept	116.4	0.3	0.0	98.5	2.1	0.4	89.1	-0.6	-0.2	101.6	1.2	1.8	103.3	1.2	-12.4	100.5	-10.1	0.0
	Okt/Oct	116.4	0.3	0.0	98.8	2.9	0.3	90.3	-0.7	1.3	99.8	-1.3	-1.8	118.6	12.6	14.8	100.5	-4.1	0.0
	Nov	116.4	0.3	0.0	100.4	4.1	1.6	89.3	-2.5	-1.1	101.1	0.1	1.3	101.4	-11.7	-14.5	100.5	-3.8	0.0
	Dis/Dec	116.4	0.3	0.0	100.0	4.1	-0.4	90.3	-0.6	1.1	100.0	-2.1	-1.1	106.4	-7.3	4.9	100.5	2.9	0.0
2022	Jan	116.4	0.0	0.0	99.7	5.1	-0.3	92.4	1.1	2.3	101.1	-1.7	1.1	115.2	19.4	8.3	100.5	0.0	0.0
	Feb	116.4	0.0	0.0	100.6	4.8	0.9	94.5	5.7	2.3	101.3	-0.4	0.2	115.2	5.7	0.0	100.5	0.0	0.0
	Mac/Mar	116.4	0.0	0.0	100.8	3.9	0.2	95.0	5.8	0.5	100.8	0.5	-0.5	126.1	15.7	9.5	100.5	0.0	0.0
	Apr	116.4	0.0	0.0	101.1	4.4	0.3	95.4	6.2	0.4	101.2	3.1	0.4	114.4	-6.3	-9.3	100.5	0.0	0.0
	Mei/May	116.4	0.0	0.0	102.6	4.7	1.5	97.3	8.2	2.0	101.5	3.2	0.3	106.9	-18.8	-6.6	100.5	0.0	0.0
	Jun/June	116.4	0.0	0.0	102.1	5.0	-0.5	97.6	9.5	0.3	100.2	0.9	-1.3	121.5	-7.7	13.7	100.5	0.0	0.0
	Jul/July	116.4	0.0	0.0	102.8	4.9	0.7	97.9	10.2	0.3	100.8	2.0	0.6	104.3	-20.8	-14.2	100.5	0.0	0.0

Tempoh Period	Kumpulan Group	151 Penyamakan dan pembersihan kulit, pembuatan begasi, beg tangan, pelana dan abah-abah; pembersihan dan pewarnaan bulu Tanning and dressing of leather, manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur		152 Pembuatan kasut Manufacture of footwear		161 Pengilangan dan pengetaman kayu Sawmilling and planing of wood		162 Pembuatan produk daripada kayu, gabus, jerami dan bahan jalinan lain Manufacture of products of wood, cork, straw and plaiting materials		170 Pembuatan kertas dan produk kertas Manufacture of paper and paper products	
Wajaran (Weight)		0.065		0.073		0.417		1.261		1.229	
		Indeks Index	YoY %	Indeks Index	YoY %	Indeks Index	YoY %	Indeks Index	YoY %	Indeks Index	YoY %
2011		100.0	0.0	99.8	-0.2	129.7	29.7	108.5	8.5	103.6	3.6
2012		100.0	0.0	99.7	-0.1	144.9	11.7	109.6	1.0	102.2	-1.4
2013		100.0	0.0	99.7	0.0	133.3	-8.0	111.6	1.8	101.8	-0.4
2014		100.0	0.0	99.0	-0.7	131.0	-1.7	113.4	1.6	103.3	1.5
2015		105.7	5.7	101.4	2.4	142.1	8.5	117.9	4.0	103.3	0.0
2016		108.6	2.7	111.0	9.5	152.9	7.6	119.0	0.9	106.8	3.4
2017		107.9	-0.6	103.7	-6.6	153.9	0.7	120.9	1.6	113.0	5.8
2018		99.9	-7.4	107.4	3.6	154.1	0.1	122.6	1.4	114.1	1.0
2019		99.3	-0.6	107.7	0.3	151.8	-1.5	124.9	1.9	113.7	-0.4
2020		102.3	3.0	106.6	-1.0	148.6	-2.1	122.1	-2.2	111.8	-1.7
2021		103.9	1.6	104.6	-1.9	145.7	-2.0	124.3	1.8	115.5	3.3
2016	ST1/Q1	108.6	8.6	111.1	12.3	153.4	10.8	120.3	4.8	106.2	3.5
	ST2/Q2	108.6	2.7	111.1	9.0	155.6	11.1	118.2	1.6	107.3	4.3
	ST3/Q3	108.6	0.0	111.1	8.5	151.8	7.1	118.3	-1.1	106.7	3.3
	ST4/Q4	108.6	0.0	110.8	8.0	150.9	2.0	119.3	-1.2	107.0	2.5
2017	ST1/Q1	108.6	0.0	104.2	-6.2	151.2	-1.4	120.6	0.2	109.8	3.4
	ST2/Q2	108.4	-0.2	103.7	-6.7	155.0	-0.4	120.8	2.2	112.2	4.6
	ST3/Q3	107.4	-1.1	103.6	-6.8	153.7	1.3	120.6	1.9	114.8	7.6
	ST4/Q4	107.1	-1.4	103.4	-6.7	155.6	3.1	121.7	2.0	115.2	7.7
2018	ST1/Q1	106.9	-1.6	105.7	1.4	154.7	2.3	120.6	0.0	114.2	4.0
	ST2/Q2	97.0	-10.5	107.6	3.8	154.8	-0.1	121.8	0.8	114.5	2.0
	ST3/Q3	97.9	-8.8	108.1	4.3	153.4	-0.2	123.5	2.4	114.0	-0.7
	ST4/Q4	97.9	-8.6	108.0	4.4	153.4	-1.4	124.6	2.4	113.7	-1.3
2019	ST1/Q1	97.9	-8.4	108.1	2.3	152.5	-1.4	125.2	3.8	114.4	0.2
	ST2/Q2	98.7	1.8	107.6	0.0	152.1	-1.7	125.1	2.7	113.9	-0.5
	ST3/Q3	100.3	2.5	107.6	-0.5	152.2	-0.8	124.8	1.1	113.4	-0.5
	ST4/Q4	100.3	2.5	107.6	-0.4	150.2	-2.1	124.5	-0.1	112.9	-0.7
2020	ST1/Q1	100.3	2.5	107.3	-0.7	150.7	-1.2	122.9	-1.8	112.4	-1.7
	ST2/Q2	104.6	6.0	107.5	-0.1	149.7	-1.6	122.8	-1.8	112.0	-1.7
	ST3/Q3	102.2	1.9	105.7	-1.8	147.8	-2.9	122.2	-2.1	111.5	-1.7
	ST4/Q4	102.0	1.7	105.6	-1.9	146.2	-2.7	120.6	-3.1	111.3	-1.4
2021	ST1/Q1	103.7	3.4	105.6	-1.6	146.1	-3.1	120.8	-1.7	112.9	0.4
	ST2/Q2	103.8	-0.8	104.6	-2.7	145.3	-2.9	122.4	-0.3	115.5	3.1
	ST3/Q3	103.9	1.7	103.9	-1.7	145.2	-1.8	125.6	2.8	116.5	4.5
	ST4/Q4	104.1	2.1	104.2	-1.3	146.1	-0.1	128.3	6.4	117.2	5.3
2022	ST1/Q1	103.8	0.1	103.6	-1.9	146.8	0.5	132.9	10.0	118.2	4.7
	ST2/Q2	101.3	-2.4	101.5	-3.0	148.8	2.4	137.3	12.2	121.8	5.5
2021	Jan - Jul/July	103.7	1.3	104.9	-2.1	145.6	-2.9	122.1	-0.5	114.5	2.0
2022	Jan - Jul/July	102.5	-1.2	102.4	-2.4	148.2	1.8	135.8	11.2	120.5	5.2

Tempoh Period	Kumpulan Group	151 Penyamakan dan pembersihan kulit, pembuatan bagasi, beg tangan, pelana dan abah-abah; pembersihan dan pewarnaan bulu Tanning and dressing of leather, manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur			152 Pembuatan kasut Manufacture of footwear			161 Pengilangan dan pengetaman kayu Sawmilling and planing of wood			162 Pembuatan produk daripada kayu, gabus, jerami dan bahan jalinan lain Manufacture of products of wood, cork, straw and plaiting materials			170 Pembuatan kertas dan produk kertas Manufacture of paper and paper products		
Wajaran (Weight)		0.065			0.073			0.417			1.261			1.229		
		Indeks Index	YoY %	MoM %	Indeks Index	YoY %	MoM %	Indeks Index	YoY %	MoM %	Indeks Index	YoY %	MoM %	Indeks Index	YoY %	MoM %
2019	Jan	97.9	-8.4	0.0	108.0	3.6	0.0	152.9	-1.0	-0.7	125.4	3.5	0.5	115.1	1.0	1.1
	Feb	97.9	-8.2	0.0	108.0	3.5	0.0	152.9	-1.5	0.0	125.0	3.9	-0.3	114.0	-0.5	-1.0
	Mac/Mar	97.9	-8.7	0.0	108.2	-0.3	0.2	151.8	-1.8	-0.7	125.3	4.2	0.2	114.1	0.0	0.1
	Apr	97.9	-0.3	0.0	107.6	0.7	-0.6	152.5	-1.6	0.5	125.4	3.8	0.1	114.0	-0.5	-0.1
	Mei/May	97.9	-1.1	0.0	107.6	-0.4	0.0	152.3	-1.9	-0.1	125.3	2.9	-0.1	114.0	-0.3	0.0
	Jun/June	100.2	6.9	2.3	107.6	-0.4	0.0	151.6	-1.7	-0.5	124.5	1.3	-0.6	113.8	-0.6	-0.2
	Jul/July	100.4	2.6	0.2	107.6	-0.4	0.0	153.0	-0.6	0.9	124.2	0.9	-0.2	113.6	-0.6	-0.2
	Ogos/Aug	100.2	2.3	-0.2	107.6	-0.6	0.0	151.4	-1.4	-1.0	124.9	1.1	0.6	113.4	-0.4	-0.2
	Sept	100.2	2.3	0.0	107.6	-0.6	0.0	152.1	-0.4	0.5	125.3	1.0	0.3	113.3	-0.4	-0.1
	Okt/Oct	100.2	2.3	0.0	107.6	-0.4	0.0	150.9	-0.8	-0.8	123.8	-0.6	-1.2	113.3	-0.4	0.0
	Nov	100.4	2.6	0.2	107.6	-0.4	0.0	148.8	-3.4	-1.4	124.9	0.3	0.9	113.0	-0.4	-0.3
	Dis/Dec	100.4	2.6	0.0	107.6	-0.4	0.0	150.8	-2.1	1.3	124.8	0.0	-0.1	112.4	-1.3	-0.5
2020	Jan	98.7	0.8	-1.7	107.7	-0.3	0.1	151.3	-1.0	0.3	123.4	-1.6	-1.1	112.6	-2.2	0.2
	Feb	101.0	3.2	2.3	107.1	-0.8	-0.6	150.8	-1.4	-0.3	122.7	-1.8	-0.6	112.4	-1.4	-0.2
	Mac/Mar	101.1	3.3	0.1	107.1	-1.0	0.0	150.1	-1.1	-0.5	122.7	-2.1	0.0	112.2	-1.7	-0.2
	Apr	101.9	4.1	0.8	107.0	-0.6	-0.1	150.3	-1.4	0.1	122.8	-2.1	0.1	112.1	-1.7	-0.1
	Mei/May	103.4	5.6	1.5	108.0	0.4	0.9	150.2	-1.4	-0.1	123.4	-1.5	0.5	111.9	-1.8	-0.2
	Jun/June	108.5	8.3	4.9	107.6	0.0	-0.4	148.7	-1.9	-1.0	122.3	-1.8	-0.9	111.9	-1.7	0.0
	Jul/July	102.0	1.6	-6.0	105.8	-1.7	-1.7	148.4	-3.0	-0.2	121.8	-1.9	-0.4	112.0	-1.4	0.1
	Ogos/Aug	102.0	1.8	0.0	106.2	-1.3	0.4	148.2	-2.1	-0.1	122.4	-2.0	0.5	111.2	-1.9	-0.7
	Sept	102.5	2.3	0.5	105.2	-2.2	-0.9	146.9	-3.4	-0.9	122.3	-2.4	-0.1	111.4	-1.7	0.2
	Okt/Oct	100.5	0.3	-2.0	105.4	-2.0	0.2	145.9	-3.3	-0.7	120.6	-2.6	-1.4	111.2	-1.9	-0.2
	Nov	102.8	2.4	2.3	105.6	-1.9	0.2	146.3	-1.7	0.3	120.8	-3.3	0.2	111.4	-1.4	0.2
	Dis/Dec	102.7	2.3	-0.1	105.9	-1.6	0.3	146.4	-2.9	0.1	120.3	-3.6	-0.4	111.4	-0.9	0.0
2021	Jan	103.8	5.2	1.1	106.1	-1.5	0.2	147.8	-2.3	1.0	120.6	-2.3	0.2	111.7	-0.8	0.3
	Feb	103.6	2.6	-0.2	105.2	-1.8	-0.8	145.0	-3.8	-1.9	120.9	-1.5	0.2	113.2	0.7	1.3
	Mac/Mar	103.7	2.6	0.1	105.5	-1.5	0.3	145.6	-3.0	0.4	121.0	-1.4	0.1	113.7	1.3	0.4
	Apr	103.8	1.9	0.1	105.1	-1.8	-0.4	145.0	-3.5	-0.4	121.0	-1.5	0.0	115.0	2.6	1.1
	Mei/May	103.7	0.3	-0.1	104.3	-3.4	-0.8	144.5	-3.8	-0.3	122.4	-0.8	1.2	115.4	3.1	0.3
	Jun/June	103.8	-4.3	0.1	104.3	-3.1	0.0	146.3	-1.6	1.2	123.8	1.2	1.1	116.1	3.8	0.6
	Jul/July	103.8	1.8	0.0	104.1	-1.6	-0.2	144.9	-2.4	-1.0	124.9	2.5	0.9	116.2	3.8	0.1
	Ogos/Aug	103.8	1.8	0.0	103.8	-2.3	-0.3	145.3	-2.0	0.3	125.1	2.2	0.2	116.3	4.6	0.1
	Sept	104.1	1.6	0.3	103.7	-1.4	-0.1	145.5	-1.0	0.1	126.8	3.7	1.4	117.0	5.0	0.6
	Okt/Oct	104.0	3.5	-0.1	103.6	-1.7	-0.1	145.4	-0.3	-0.1	127.4	5.6	0.5	117.6	5.8	0.5
	Nov	104.1	1.3	0.1	104.3	-1.2	0.7	146.6	0.2	0.8	128.0	6.0	0.5	116.9	4.9	-0.6
	Dis/Dec	104.1	1.4	0.0	104.7	-1.1	0.4	146.2	-0.1	-0.3	129.5	7.6	1.2	117.0	5.0	0.1
2022	Jan	104.4	0.6	0.3	104.1	-1.9	-0.6	147.1	-0.5	0.6	130.8	8.5	1.0	116.8	4.6	-0.2
	Feb	104.2	0.6	-0.2	104.0	-1.1	-0.1	146.3	0.9	-0.5	133.0	10.0	1.7	118.2	4.4	1.2
	Mac/Mar	102.9	-0.8	-1.2	102.7	-2.7	-1.2	147.0	1.0	0.5	135.0	11.6	1.5	119.5	5.1	1.1
	Apr	101.4	-2.3	-1.5	102.0	-2.9	-0.7	147.6	1.8	0.4	136.5	12.8	1.1	120.8	5.0	1.1
	Mei/May	101.1	-2.5	-0.3	101.0	-3.2	-1.0	149.2	3.3	1.1	137.1	12.0	0.4	122.0	5.7	1.0
	Jun/June	101.5	-2.2	0.4	101.5	-2.7	0.5	149.5	2.2	0.2	138.3	11.7	0.9	122.5	5.5	0.4
	Jul/July	102.1	-1.6	0.6	101.7	-2.3	0.2	150.7	4.0	0.8	139.9	12.0	1.2	124.0	6.7	1.2

**JADUAL
TABLE**
9
IHPR (2010=100) Pengeluaran Tempatan dan Perubahan Peratus mengikut Kumpulan (MSIC 2008), Malaysia (samb.)
PPI (2010=100) Local Production and Percentage Change by Group (MSIC 2008), Malaysia (cont'd)

Tempoh Period	Kumpulan Group	181		192		201		202		203	
		Percetakan dan aktiviti perkhidmatan berkaitan percetakan Printing and service activities related to printing		Pembuatan produk petroleum bertapis Manufacture of refined petroleum products		Pembuatan kimia asas, baja dan sebatian nitrogen, plastik dan getah sintetik dalam bentuk primer Manufacture of basic chemicals, fertilizers and nitrogen compounds, plastics and synthetic rubber in primary forms		Pembuatan produk kimia lain Manufacture of other chemical products		Pembuatan serat buatan manusia Manufacture of man-made fibres	
Wajaran (Weight)		0.723		10.038		5.285		1.370		0.036	
		Indeks Index	YoY %	Indeks Index	YoY %	Indeks Index	YoY %	Indeks Index	YoY %	Indeks Index	YoY %
2011		101.8	1.8	121.3	21.3	117.3	17.3	105.3	5.3	-	-
2012		101.8	0.0	131.6	8.5	113.1	-3.6	109.3	3.8	-	-
2013		102.1	0.3	130.5	-0.8	115.5	2.1	108.2	-1.0	-	-
2014		102.1	0.0	133.2	2.1	120.2	4.1	109.5	1.2	-	-
2015		102.1	0.0	107.5	-19.3	118.1	-1.7	108.7	-0.7	-	-
2016		102.1	0.0	92.7	-13.8	113.8	-3.6	107.3	-1.3	-	-
2017		102.5	0.4	112.6	21.5	118.2	3.9	108.0	0.7	115.9	-
2018		98.6	-3.8	124.6	10.7	117.8	-0.3	109.2	1.1	115.9	0.0
2019		99.3	0.7	126.4	1.4	112.4	-4.6	109.9	0.6	111.8	-3.5
2020		98.1	-1.2	117.7	-6.9	107.4	-4.4	109.0	-0.8	113.1	1.2
2021		96.4	-1.7	133.4	13.3	117.2	9.1	112.6	3.3	102.6	-9.3
2016	ST1/Q1	102.1	0.0	95.4	-17.9	111.5	-5.1	108.3	-0.6	-	-
	ST2/Q2	102.1	0.0	86.3	-14.5	113.8	-5.0	107.5	-1.0	-	-
	ST3/Q3	102.1	0.0	89.6	-15.2	113.1	-5.1	106.7	-1.7	-	-
	ST4/Q4	102.1	0.0	99.6	-7.3	116.7	0.6	106.6	-1.9	-	-
2017	ST1/Q1	102.5	0.4	111.3	16.7	118.9	6.6	107.2	-1.0	116.3	-
	ST2/Q2	102.5	0.4	111.7	29.4	119.6	5.1	108.4	0.8	117.0	-
	ST3/Q3	102.5	0.4	113.9	27.1	115.9	2.5	107.9	1.1	114.0	-
	ST4/Q4	102.5	0.4	113.7	14.2	118.6	1.6	108.3	1.6	116.2	-
2018	ST1/Q1	98.7	-3.7	117.8	5.8	118.7	-0.2	109.3	2.0	116.5	0.2
	ST2/Q2	98.2	-4.2	120.9	8.2	118.3	-1.1	109.1	0.6	116.2	-0.7
	ST3/Q3	98.7	-3.7	127.7	12.1	117.2	1.1	109.1	1.1	115.3	1.1
	ST4/Q4	98.6	-3.8	132.1	16.2	117.1	-1.3	109.4	1.0	115.4	-0.7
2019	ST1/Q1	99.2	0.5	129.2	9.7	113.7	-4.2	109.7	0.4	112.7	-3.3
	ST2/Q2	99.2	1.0	126.7	4.8	113.5	-4.1	109.9	0.7	112.7	-3.0
	ST3/Q3	99.3	0.6	124.9	-2.2	112.0	-4.4	110.3	1.1	111.6	-3.2
	ST4/Q4	99.3	0.7	124.7	-5.6	110.6	-5.6	109.6	0.2	110.3	-4.4
2020	ST1/Q1	100.0	0.8	125.5	-2.9	109.4	-3.8	110.0	0.3	109.4	-2.9
	ST2/Q2	99.4	0.2	118.3	-6.6	107.9	-4.9	109.7	-0.2	114.0	1.2
	ST3/Q3	97.2	-2.1	113.0	-9.5	106.1	-5.3	108.2	-1.9	115.0	3.0
	ST4/Q4	95.7	-3.6	113.9	-8.7	106.4	-3.8	108.2	-1.3	113.9	3.3
2021	ST1/Q1	96.1	-3.9	124.3	-1.0	110.2	0.7	110.1	0.1	108.6	-0.7
	ST2/Q2	96.2	-3.2	130.2	10.1	115.7	7.2	111.9	2.0	104.1	-8.7
	ST3/Q3	97.2	0.0	136.9	21.2	120.6	13.7	113.0	4.4	98.7	-14.2
	ST4/Q4	96.1	0.4	142.2	24.8	122.2	14.8	115.1	6.4	99.0	-13.1
2022	ST1/Q1	94.8	-1.4	150.0	20.7	125.4	13.8	116.8	6.1	99.6	-8.3
	ST2/Q2	95.9	-0.3	160.0	22.9	130.8	13.1	118.2	5.6	99.1	-4.8
2021	Jan - Jul/July	96.3	-3.4	128.3	6.3	114.0	5.2	111.2	1.5	105.3	-6.1
2022	Jan - Jul/July	95.5	-0.8	156.6	22.1	128.9	13.1	117.6	5.8	99.6	-5.4

Tempoh Period	Kumpulan Group	181 Percetakan dan aktiviti perkhidmatan berkaitan percetakan Printing and service activities related to printing			192 Pembuatan produk petroleum bertapis Manufacture of refined petroleum products			201 Pembuatan kimia asas, baja dan sebatian nitrogen, plastik dan getah sintetik dalam bentuk primer Manufacture of basic chemicals, fertilizers and nitrogen compounds, plastics and synthetic rubber in primary forms			202 Pembuatan produk kimia lain Manufacture of other chemical products			203 Pembuatan serat buatan manusia Manufacture of man-made fibres		
Wajaran (Weight)		0.723			10.038			5.285			1.370			0.036		
		Indeks Index	YoY %	MoM %	Indeks Index	YoY %	MoM %	Indeks Index	YoY %	MoM %	Indeks Index	YoY %	MoM %	Indeks Index	YoY %	MoM %
2019	Jan	99.1	-0.6	0.2	130.2	10.9	-0.2	113.3	-4.7	-1.4	109.3	0.2	-0.1	112.3	-3.7	-1.1
	Feb	99.4	0.4	0.3	128.7	8.7	-1.2	113.0	-4.6	-0.3	109.6	0.6	0.3	112.2	-3.5	-0.1
	Mac/Mar	99.0	1.5	-0.4	128.6	9.3	-0.1	114.8	-3.3	1.6	110.1	0.4	0.5	113.7	-2.6	1.3
	Apr	99.2	0.1	0.2	128.1	7.2	-0.4	114.5	-4.3	-0.3	109.7	0.5	-0.4	113.4	-3.2	-0.3
	Mei/May	99.3	1.8	0.1	127.5	5.5	-0.5	113.5	-4.3	-0.9	109.8	0.7	0.1	112.6	-3.3	-0.7
	Jun/June	99.2	1.2	-0.1	124.6	1.7	-2.3	112.6	-3.5	-0.8	110.3	1.0	0.5	112.1	-2.5	-0.4
	Jul/July	99.0	0.3	-0.2	124.8	-0.6	0.2	112.0	-3.0	-0.5	110.9	1.4	0.5	111.7	-2.1	-0.4
	Ogos/Aug	99.4	0.8	0.4	125.1	-2.6	0.2	112.0	-4.4	0.0	110.2	0.8	-0.6	111.5	-3.4	-0.2
	Sept	99.4	0.5	0.0	124.7	-3.3	-0.3	111.9	-5.8	-0.1	109.9	1.2	-0.3	111.5	-4.3	0.0
	Okt/Oct	99.3	1.1	-0.1	125.5	-5.4	0.6	111.1	-6.6	-0.7	109.7	0.5	-0.2	110.8	-5.1	-0.6
	Nov	99.4	0.8	0.1	123.8	-7.0	-1.4	111.0	-5.6	-0.1	109.5	-0.1	-0.2	110.6	-4.5	-0.2
	Dis/Dec	99.3	0.4	-0.1	124.7	-4.4	0.7	109.6	-4.6	-1.3	109.6	0.2	0.1	109.6	-3.5	-0.9
2020	Jan	101.4	2.3	2.1	125.7	-3.5	0.8	109.1	-3.7	-0.5	109.8	0.5	0.2	109.7	-2.3	0.1
	Feb	98.8	-0.6	-2.6	126.1	-2.0	0.3	109.6	-3.0	0.5	110.0	0.4	0.2	109.4	-2.5	-0.3
	Mac/Mar	99.9	0.9	1.1	124.7	-3.0	-1.1	109.4	-4.7	-0.2	110.2	0.1	0.2	109.2	-4.0	-0.2
	Apr	99.9	0.7	0.0	121.2	-5.4	-2.8	108.2	-5.5	-1.1	110.2	0.5	0.0	109.4	-3.5	0.2
	Mei/May	98.7	-0.6	-1.2	117.8	-7.6	-2.8	108.4	-4.5	0.2	110.1	0.3	-0.1	116.7	3.6	6.7
	Jun/June	99.7	0.5	1.0	115.9	-7.0	-1.6	107.1	-4.9	-1.2	108.9	-1.3	-1.1	116.0	3.5	-0.6
	Jul/July	99.2	0.2	-0.5	113.6	-9.0	-2.0	106.8	-4.6	-0.3	107.9	-2.7	-0.9	114.8	2.8	-1.0
	Ogos/Aug	96.6	-2.8	-2.6	113.1	-9.6	-0.4	105.7	-5.6	-1.0	108.3	-1.7	0.4	115.1	3.2	0.3
	Sept	95.8	-3.6	-0.8	112.3	-9.9	-0.7	105.7	-5.5	0.0	108.4	-1.4	0.1	115.0	3.1	-0.1
	Okt/Oct	96.5	-2.8	0.7	110.6	-11.9	-1.5	106.1	-4.5	0.4	108.0	-1.5	-0.4	113.8	2.7	-1.0
	Nov	95.6	-3.8	-0.9	113.3	-8.5	2.4	106.7	-3.9	0.6	108.1	-1.3	0.1	113.8	2.9	0.0
	Dis/Dec	95.1	-4.2	-0.5	117.7	-5.6	3.9	106.4	-2.9	-0.3	108.5	-1.0	0.4	114.1	4.1	0.3
2021	Jan	95.6	-5.7	0.5	122.9	-2.2	4.4	107.9	-1.1	1.4	109.0	-0.7	0.5	113.8	3.7	-0.3
	Feb	96.4	-2.4	0.8	124.4	-1.3	1.2	110.7	1.0	2.6	110.5	0.5	1.4	105.8	-3.3	-7.0
	Mac/Mar	96.2	-3.7	-0.2	125.5	0.6	0.9	112.1	2.5	1.3	110.9	0.6	0.4	106.3	-2.7	0.5
	Apr	95.9	-4.0	-0.3	127.8	5.4	1.8	113.6	5.0	1.3	111.0	0.7	0.1	106.7	-2.5	0.4
	Mei/May	96.6	-2.1	0.7	129.9	10.3	1.6	115.4	6.5	1.6	112.4	2.1	1.3	107.4	-8.0	0.7
	Jun/June	96.0	-3.7	-0.6	132.9	14.7	2.3	118.2	10.4	2.4	112.4	3.2	0.0	98.3	-15.3	-8.5
	Jul/July	97.2	-2.0	1.3	134.7	18.6	1.4	119.8	12.2	1.4	112.4	4.2	0.0	98.5	-14.2	0.2
	Ogos/Aug	97.0	0.4	-0.2	137.4	21.5	2.0	120.5	14.0	0.6	113.4	4.7	0.9	98.8	-14.2	0.3
	Sept	97.4	1.7	0.4	138.7	23.5	0.9	121.5	14.9	0.8	113.2	4.4	-0.2	98.8	-14.1	0.0
	Okt/Oct	96.0	-0.5	-1.4	139.6	26.2	0.6	121.1	14.1	-0.3	114.0	5.6	0.7	98.9	-13.1	0.1
	Nov	96.8	1.3	0.8	143.0	26.2	2.4	122.5	14.8	1.2	115.4	6.8	1.2	99.0	-13.0	0.1
	Dis/Dec	95.4	0.3	-1.4	144.0	22.3	0.7	123.0	15.6	0.4	116.0	6.9	0.5	99.1	-13.1	0.1
2022	Jan	94.2	-1.5	-1.3	146.5	19.2	1.7	124.1	15.0	0.9	116.5	6.9	0.4	99.0	-13.0	-0.1
	Feb	94.9	-1.6	0.7	149.6	20.3	2.1	125.2	13.1	0.9	116.6	5.5	0.1	100.1	-5.4	1.1
	Mac/Mar	95.4	-0.8	0.5	154.0	22.7	2.9	127.0	13.3	1.4	117.2	5.7	0.5	99.8	-6.1	-0.3
	Apr	95.9	0.0	0.5	157.7	23.4	2.4	129.4	13.9	1.9	117.8	6.1	0.5	99.9	-6.4	0.1
	Mei/May	95.9	-0.7	0.0	159.7	22.9	1.3	130.7	13.3	1.0	118.3	5.2	0.4	99.9	-7.0	0.0
	Jun/June	95.8	-0.2	-0.1	162.6	22.3	1.8	132.3	11.9	1.2	118.6	5.5	0.3	97.6	-0.7	-2.3
	Jul/July	96.3	-0.9	0.5	166.1	23.3	2.2	133.5	11.4	0.9	118.4	5.3	-0.2	101.1	2.6	3.6

**JADUAL
TABLE**
9
IHPR (2010=100) Pengeluaran Tempatan dan Perubahan Peratus mengikut Kumpulan (MSIC 2008), Malaysia (samb.)
PPI (2010=100) Local Production and Percentage Change by Group (MSIC 2008), Malaysia (cont'd)

Tempoh Period	Kumpulan Group	210 Pembuatan produk farmaseutikal, kimia perubatan dan botani Manufacture of pharmaceuticals, medicinal chemical and botanical products		221 Pembuatan produk getah Manufacture of rubber products		222 Pembuatan produk plastik Manufacture of plastics products		231 Pembuatan kaca dan produk kaca Manufacture of glass and glass products		239 Pembuatan pengeluaran galian bukan logam t.t.t.l. Manufacture of non-metallic mineral products n.e.c.		241 Pembuatan besi dan keluli asas Manufacture of basic iron and steel	
Wajaran (Weight)		0.287		2.474		2.270		0.365		2.565		1.866	
		Indeks Index	YoY %	Indeks Index	YoY %	Indeks Index	YoY %	Indeks Index	YoY %	Indeks Index	YoY %	Indeks Index	YoY %
2011		101.3	1.3	116.2	16.2	103.2	3.2	103.0	3.0	102.2	2.2	106.2	6.2
2012		104.8	3.5	102.6	-11.7	104.1	0.9	109.4	6.2	105.6	3.3	105.2	-0.9
2013		106.2	1.3	96.7	-5.8	104.0	-0.1	110.9	1.4	106.8	1.1	101.3	-3.7
2014		107.3	1.0	90.5	-6.4	104.7	0.7	111.2	0.3	107.9	1.0	100.1	-1.2
2015		107.7	0.4	89.2	-1.4	105.7	1.0	111.5	0.3	109.4	1.4	95.6	-4.5
2016		110.7	2.8	89.9	0.8	106.7	0.9	112.4	0.8	110.8	1.3	95.7	0.1
2017		113.2	2.3	96.7	7.6	108.4	1.6	114.5	1.9	109.1	-1.5	103.3	7.9
2018		117.5	3.8	89.1	-7.9	107.9	-0.5	112.9	-1.4	106.8	-2.1	107.2	3.8
2019		119.2	1.4	86.7	-2.7	107.7	-0.2	112.2	-0.6	106.7	-0.1	104.1	-2.9
2020		114.4	-4.0	87.5	0.9	105.4	-2.1	112.9	0.6	104.4	-2.2	101.5	-2.5
2021		112.3	-1.8	97.1	11.0	106.6	1.1	114.1	1.1	102.6	-1.7	107.7	6.1
2016	ST1/Q1	109.4	2.4	87.4	-0.7	106.5	1.1	112.2	1.9	110.1	1.3	91.6	-7.4
	ST2/Q2	110.4	2.8	89.4	0.3	106.6	0.9	112.4	0.7	111.0	1.2	98.1	0.6
	ST3/Q3	111.2	3.6	89.8	-0.7	106.7	0.9	112.5	0.1	111.6	1.5	95.6	0.8
	ST4/Q4	111.7	2.2	92.8	4.2	107.1	1.0	112.4	0.4	110.4	1.0	97.5	6.8
2017	ST1/Q1	113.3	3.6	100.1	14.5	108.1	1.5	113.0	0.7	108.9	-1.1	101.4	10.7
	ST2/Q2	112.4	1.8	98.2	9.8	108.4	1.7	113.8	1.2	108.9	-1.9	101.5	3.5
	ST3/Q3	112.9	1.5	95.2	6.0	108.6	1.8	115.6	2.8	109.3	-2.1	103.8	8.6
	ST4/Q4	114.0	2.1	93.3	0.5	108.6	1.4	115.5	2.8	109.1	-1.2	106.3	9.0
2018	ST1/Q1	116.1	2.5	90.4	-9.7	108.3	0.2	114.4	1.2	107.3	-1.5	108.1	6.6
	ST2/Q2	116.3	3.5	88.9	-9.5	107.9	-0.5	112.3	-1.3	105.9	-2.8	108.3	6.7
	ST3/Q3	119.3	5.7	89.1	-6.4	107.5	-1.0	112.4	-2.8	107.2	-1.9	107.2	3.3
	ST4/Q4	118.3	3.8	88.2	-5.5	107.9	-0.6	112.5	-2.6	106.8	-2.1	105.4	-0.8
2019	ST1/Q1	120.2	3.5	86.3	-4.5	107.7	-0.6	112.4	-1.7	106.6	-0.7	104.7	-3.1
	ST2/Q2	119.6	2.8	87.2	-1.9	107.8	-0.1	112.3	0.0	106.9	0.9	104.4	-3.6
	ST3/Q3	118.8	-0.4	87.0	-2.4	108.1	0.6	112.3	-0.1	106.8	-0.4	104.4	-2.6
	ST4/Q4	118.3	0.0	86.3	-2.2	107.2	-0.6	111.7	-0.7	106.5	-0.3	103.0	-2.3
2020	ST1/Q1	116.3	-3.2	85.6	-0.8	105.6	-1.9	112.5	0.1	106.0	-0.6	101.9	-2.7
	ST2/Q2	115.9	-3.1	85.2	-2.3	105.9	-1.8	112.5	0.2	104.8	-2.0	101.9	-2.4
	ST3/Q3	114.1	-4.0	87.0	0.0	105.4	-2.5	113.4	1.0	104.0	-2.6	101.0	-3.3
	ST4/Q4	111.1	-6.1	92.0	6.6	104.7	-2.3	113.1	1.3	102.8	-3.5	101.2	-1.7
2021	ST1/Q1	112.3	-3.4	95.8	11.9	104.9	-0.7	113.0	0.4	101.8	-4.0	103.8	1.9
	ST2/Q2	112.3	-3.1	97.5	14.4	106.3	0.4	113.5	0.9	102.4	-2.3	106.5	4.5
	ST3/Q3	112.3	-1.6	98.2	12.9	106.7	1.2	114.2	0.7	102.4	-1.5	108.9	7.8
	ST4/Q4	112.4	1.2	97.0	5.4	108.4	3.5	115.7	2.3	103.7	0.9	111.7	10.4
2022	ST1/Q1	112.9	0.5	95.3	-0.5	110.3	5.1	120.0	6.2	104.2	2.4	113.1	9.0
	ST2/Q2	114.8	2.2	94.0	-3.6	111.2	4.6	122.7	8.1	107.2	4.7	115.8	8.7
2021	Jan - Jul/July	112.2	-3.2	96.8	13.1	105.8	0.1	113.4	0.7	102.1	-2.9	105.6	3.6
2022	Jan - Jul/July	114.1	1.7	94.6	-2.3	111.1	5.0	121.8	7.4	106.1	3.9	114.7	8.6

Tempoh Period	Kumpulan Group	210 Pembuatan produk farmaseutikal, kimia perubatan dan botani Manufacture of pharmaceuticals, medicinal chemical and botanical products			221 Pembuatan produk getah Manufacture of rubber products			222 Pembuatan produk plastik Manufacture of plastics products			231 Pembuatan kaca dan produk kaca Manufacture of glass and glass products			239 Pembuatan pengeluaran galian bukan logam t.t.t.l. Manufacture of non-metallic mineral products n.e.c.			241 Pembuatan besi dan keluli asas Manufacture of basic iron and steel		
Wajaran (Weight)		0.287			2.474			2.270			0.365			2.565			1.866		
		Indeks Index	YoY %	MoM %	Indeks Index	YoY %	MoM %	Indeks Index	YoY %	MoM %	Indeks Index	YoY %	MoM %	Indeks Index	YoY %	MoM %	Indeks Index	YoY %	MoM %
2019	Jan	119.5	0.3	1.0	86.7	-4.7	-0.3	107.7	-0.6	0.1	112.5	-2.4	0.0	106.7	-2.2	-0.1	105.2	-2.0	0.3
	Feb	120.1	4.9	0.5	86.1	-5.1	-0.7	107.8	-0.5	0.1	112.3	-1.3	-0.2	106.7	0.1	0.0	104.3	-3.7	-0.9
	Mac/Mar	120.9	5.3	0.7	86.1	-3.9	0.0	107.5	-0.7	-0.3	112.3	-1.5	0.0	106.4	0.3	-0.3	104.5	-3.7	0.2
	Apr	119.9	4.9	-0.8	86.8	-2.4	0.8	107.6	-0.7	0.1	112.3	-0.3	0.0	106.8	1.0	0.4	104.2	-3.8	-0.3
	Mei/May	119.5	2.4	-0.3	87.3	-1.8	0.6	107.9	-0.1	0.3	112.3	0.3	0.0	106.9	0.8	0.1	104.4	-3.5	0.2
	Jun/June	119.5	1.4	0.0	87.4	-1.6	0.1	108.0	0.6	0.1	112.3	-0.1	0.0	107.0	0.8	0.1	104.5	-3.5	0.1
	Jul/July	118.6	-0.4	-0.8	87.5	-2.2	0.1	108.1	0.7	0.1	112.3	-0.1	0.0	106.9	-1.3	-0.1	104.7	-3.2	0.2
	Ogos/Aug	119.4	-0.2	0.7	86.7	-2.7	-0.9	108.1	0.7	0.0	112.3	-0.1	0.0	106.8	0.2	-0.1	104.6	-2.3	-0.1
	Sept	118.3	-0.8	-0.9	86.7	-2.3	0.0	108.2	0.5	0.1	112.2	-0.2	-0.1	106.7	-0.1	-0.1	103.8	-2.3	-0.8
	Okt/Oct	117.4	-0.1	-0.8	86.3	-3.0	-0.5	107.7	-0.1	-0.5	112.2	-0.3	0.0	106.8	-0.1	0.1	104.2	-1.6	0.4
	Nov	118.5	-0.4	0.9	86.3	-2.5	0.0	106.8	-1.4	-0.8	111.5	-0.9	-0.6	106.2	-0.6	-0.6	102.6	-2.7	-1.5
	Dis/Dec	119.1	0.7	0.5	86.4	-0.7	0.1	107.1	-0.5	0.3	111.5	-0.9	0.0	106.6	-0.2	0.4	102.2	-2.6	-0.4
2020	Jan	118.0	-1.3	-0.9	85.4	-1.5	-1.2	106.2	-1.4	-0.8	113.2	0.6	1.5	106.5	-0.2	-0.1	101.9	-3.1	-0.3
	Feb	115.8	-3.6	-1.9	85.5	-0.7	0.1	105.6	-2.0	-0.6	111.8	-0.4	-1.2	106.1	-0.6	-0.4	102.1	-2.1	0.2
	Mac/Mar	115.2	-4.7	-0.5	85.8	-0.3	0.4	105.1	-2.2	-0.5	112.4	0.1	0.5	105.3	-1.0	-0.8	101.8	-2.6	-0.3
	Apr	117.2	-2.3	1.7	85.1	-2.0	-0.8	105.7	-1.8	0.6	112.7	0.4	0.3	105.1	-1.6	-0.2	101.8	-2.3	0.0
	Mei/May	116.2	-2.8	-0.9	85.4	-2.2	0.4	105.8	-1.9	0.1	111.3	-0.9	-1.2	105.1	-1.7	0.0	102.0	-2.3	0.2
	Jun/June	114.4	-4.3	-1.5	85.2	-2.5	-0.2	106.2	-1.7	0.4	113.5	1.1	2.0	104.3	-2.5	-0.8	102.0	-2.4	0.0
	Jul/July	114.7	-3.3	0.3	86.7	-0.9	1.8	105.1	-2.8	-1.0	113.1	0.7	-0.4	103.6	-3.1	-0.7	101.4	-3.2	-0.6
	Ogos/Aug	113.8	-4.7	-0.8	86.8	0.1	0.1	105.5	-2.4	0.4	113.5	1.1	0.4	104.3	-2.3	0.7	100.8	-3.6	-0.6
	Sept	113.7	-3.9	-0.1	87.5	0.9	0.8	105.5	-2.5	0.0	113.6	1.2	0.1	104.0	-2.5	-0.3	100.7	-3.0	-0.1
	Okt/Oct	111.3	-5.2	-2.1	89.6	3.8	2.4	105.3	-2.2	-0.2	113.5	1.2	-0.1	103.7	-2.9	-0.3	101.2	-2.9	0.5
	Nov	110.2	-7.0	-1.0	92.7	7.4	3.5	104.5	-2.2	-0.8	113.2	1.5	-0.3	102.4	-3.6	-1.3	101.3	-1.3	0.1
	Dis/Dec	111.7	-6.2	1.4	93.7	8.4	1.1	104.2	-2.7	-0.3	112.6	1.0	-0.5	102.2	-4.1	-0.2	101.2	-1.0	-0.1
2021	Jan	112.0	-5.1	0.3	94.6	10.8	1.0	104.1	-2.0	-0.1	113.0	-0.2	0.4	101.7	-4.5	-0.5	102.2	0.3	1.0
	Feb	112.5	-2.8	0.4	95.7	11.9	1.2	105.1	-0.5	1.0	113.0	1.1	0.0	101.7	-4.1	0.0	104.3	2.2	2.1
	Mac/Mar	112.3	-2.5	-0.2	97.1	13.2	1.5	105.5	0.4	0.4	113.1	0.6	0.1	102.1	-3.0	0.4	105.0	3.1	0.7
	Apr	112.6	-3.9	0.3	97.3	14.3	0.2	105.7	0.0	0.2	113.3	0.5	0.2	102.9	-2.1	0.8	106.0	4.1	1.0
	Mei/May	111.9	-3.7	-0.6	97.5	14.2	0.2	106.5	0.7	0.8	113.4	1.9	0.1	102.1	-2.9	-0.8	106.2	4.1	0.2
	Jun/June	112.3	-1.8	0.4	97.6	14.6	0.1	106.7	0.5	0.2	113.7	0.2	0.3	102.3	-1.9	0.2	107.4	5.3	1.1
	Jul/July	112.0	-2.4	-0.3	97.6	12.6	0.0	106.7	1.5	0.0	114.1	0.9	0.4	102.1	-1.4	-0.2	108.4	6.9	0.9
	Ogos/Aug	112.3	-1.3	0.3	98.4	13.4	0.8	106.5	0.9	-0.2	114.2	0.6	0.1	102.6	-1.6	0.5	109.0	8.1	0.6
	Sept	112.7	-0.9	0.4	98.7	12.8	0.3	107.0	1.4	0.5	114.2	0.5	0.0	102.4	-1.5	-0.2	109.2	8.4	0.2
	Okt/Oct	112.6	1.2	-0.1	97.7	9.0	-1.0	107.8	2.4	0.7	115.5	1.8	1.1	103.1	-0.6	0.7	110.8	9.5	1.5
	Nov	112.5	2.1	-0.1	97.1	4.7	-0.6	108.1	3.4	0.3	115.5	2.0	0.0	104.3	1.9	1.2	112.0	10.6	1.1
	Dis/Dec	112.2	0.4	-0.3	96.3	2.8	-0.8	109.4	5.0	1.2	116.0	3.0	0.4	103.8	1.6	-0.5	112.2	10.9	0.2
2022	Jan	112.0	0.0	-0.2	95.3	0.7	-1.0	110.1	5.8	0.6	117.9	4.3	1.6	103.6	1.9	-0.2	112.5	10.1	0.3
	Feb	112.8	0.3	0.7	95.6	-0.1	0.3	110.3	4.9	0.2	120.1	6.3	1.9	103.7	2.0	0.1	113.4	8.7	0.8
	Mac/Mar	114.0	1.5	1.1	94.9	-2.3	-0.7	110.6	4.8	0.3	121.9	7.8	1.5	105.2	3.0	1.4	113.3	7.9	-0.1
	Apr	114.9	2.0	0.8	93.6	-3.8	-1.4	110.5	4.5	-0.1	121.7	7.4	-0.2	106.1	3.1	0.9	114.7	8.2	1.2
	Mei/May	115.1	2.9	0.2	94.2	-3.4	0.6	111.1	4.3	0.5	123.0	8.5	1.1	107.9	5.7	1.7	116.5	9.7	1.6
	Jun/June	114.5	2.0	-0.5	94.3	-3.4	0.1	112.1	5.1	0.9	123.3	8.4	0.2	107.7	5.3	-0.2	116.3	8.3	-0.2
	Jul/July	115.2	2.9	0.6	94.2	-3.5	-0.1	112.8	5.7	0.6	125.0	9.6	1.4	108.2	6.0	0.5	116.0	7.0	-0.3

Tempoh Period	Kumpulan Group	242 Pembuatan logam asas berharga dan logam bukan ferus lain <i>Manufacture of basic precious and other non-ferrous metals</i>		243 Penuangan logam <i>Casting of metals</i>		251 Pembuatan produk struktur logam, tangki, takungan dan penjana wap <i>Manufacture of structural metal products, tanks, reservoirs and steam generators</i>		252 Pembuatan senjata dan peluru <i>Manufacture of weapons and ammunition</i>		259 Pembuatan produk lain yang direka daripada logam; aktiviti perkhidmatan kerja logam <i>Manufacture of other fabricated metal products; metalworking service activities</i>		261 Pembuatan komponen dan papan elektronik <i>Manufacture of electronic components and boards</i>	
Wajaran (Weight)		1.035		0.163		1.354		0.015		2.251		10.631	
		Indeks Index	YoY %	Indeks Index	YoY %	Indeks Index	YoY %	Indeks Index	YoY %	Indeks Index	YoY %	Indeks Index	YoY %
2011		106.9	6.9	-	-	101.0	1.0	-	-	101.7	1.7	98.4	-1.6
2012		102.4	-4.2	-	-	101.2	0.2	-	-	101.4	-0.3	106.1	7.8
2013		100.6	-1.8	-	-	101.2	0.0	-	-	100.6	-0.8	106.1	0.0
2014		102.4	1.8	-	-	100.5	-0.7	-	-	100.5	-0.1	109.2	2.9
2015		103.4	1.0	-	-	99.7	-0.8	-	-	99.7	-0.8	114.6	4.9
2016		102.5	-0.9	-	-	100.1	0.4	-	-	100.0	0.3	115.3	0.6
2017		110.1	7.4	105.7	-	103.3	3.2	102.6	-	102.3	2.3	115.6	0.3
2018		111.5	1.3	115.8	9.6	102.1	-1.2	101.9	-0.7	101.9	-0.4	111.1	-3.9
2019		111.2	-0.3	113.3	-2.2	101.3	-0.8	100.7	-1.2	100.5	-1.4	111.7	0.5
2020		110.8	-0.4	114.2	0.8	98.8	-2.5	98.6	-2.1	98.6	-1.9	114.0	2.1
2021		117.5	6.0	114.5	0.3	101.3	2.5	102.2	3.7	102.9	4.4	113.3	-0.6
2016	ST1/Q1	102.3	-0.9	-	-	99.4	-0.2	-	-	99.7	-0.4	115.4	1.8
	ST2/Q2	101.4	-1.2	-	-	99.8	0.4	-	-	100.0	0.2	114.3	0.4
	ST3/Q3	101.9	-1.1	-	-	99.8	0.1	-	-	100.2	0.7	114.9	0.3
	ST4/Q4	104.5	-0.3	-	-	101.5	1.6	-	-	100.3	0.8	116.5	-0.2
2017	ST1/Q1	108.9	6.5	104.1	-	102.7	3.3	102.0	-	101.8	2.1	116.6	1.0
	ST2/Q2	109.7	8.2	104.5	-	102.8	3.0	102.3	-	102.0	2.0	115.9	1.4
	ST3/Q3	110.1	8.0	106.1	-	103.2	3.4	102.4	-	102.1	1.9	115.6	0.6
	ST4/Q4	111.7	6.9	108.2	-	104.3	2.8	103.5	-	103.3	3.0	114.1	-2.1
2018	ST1/Q1	110.9	1.8	115.9	11.3	102.5	-0.2	102.7	0.7	103.1	1.3	112.5	-3.5
	ST2/Q2	111.2	1.4	116.9	11.9	101.6	-1.2	101.6	-0.7	101.8	-0.2	111.3	-4.0
	ST3/Q3	112.1	1.8	115.7	9.0	101.9	-1.3	101.4	-1.0	101.2	-0.9	110.6	-4.3
	ST4/Q4	111.7	0.0	114.8	6.1	102.4	-1.8	101.9	-1.5	101.7	-1.5	109.8	-3.8
2019	ST1/Q1	111.1	0.2	113.7	-1.9	101.7	-0.8	101.3	-1.4	101.2	-1.8	110.4	-1.9
	ST2/Q2	112.1	0.8	113.6	-2.8	101.3	-0.3	101.0	-0.6	101.0	-0.8	111.4	0.1
	ST3/Q3	111.0	-1.0	113.2	-2.2	101.1	-0.8	100.4	-1.0	100.1	-1.1	112.0	1.3
	ST4/Q4	110.5	-1.1	112.9	-1.7	101.1	-1.3	100.1	-1.8	99.7	-2.0	113.0	2.9
2020	ST1/Q1	110.5	-0.5	114.1	0.4	100.1	-1.6	99.4	-1.9	99.2	-2.0	113.3	2.6
	ST2/Q2	109.6	-2.2	113.9	0.3	99.3	-2.0	99.2	-1.8	99.3	-1.7	114.6	2.9
	ST3/Q3	110.5	-0.5	114.4	1.1	98.1	-3.0	98.0	-2.4	98.1	-2.0	114.1	1.9
	ST4/Q4	112.8	2.1	114.3	1.2	97.8	-3.3	97.7	-2.4	97.8	-1.9	113.7	0.6
2021	ST1/Q1	114.1	3.3	112.1	-1.8	98.8	-1.3	98.4	-1.0	98.3	-0.9	112.6	-0.6
	ST2/Q2	116.0	5.8	113.6	-0.3	101.4	2.1	100.6	1.4	100.3	1.0	113.0	-1.4
	ST3/Q3	118.6	7.3	115.3	0.8	102.2	4.2	103.5	5.6	104.4	6.4	113.4	-0.6
	ST4/Q4	121.3	7.5	116.9	2.3	102.8	5.1	106.1	8.6	108.4	10.8	114.1	0.4
2022	ST1/Q1	124.2	8.9	120.2	7.2	104.0	5.3	107.9	9.7	110.5	12.4	114.1	1.3
	ST2/Q2	127.6	10.0	123.4	8.6	105.9	4.4	110.3	9.6	113.2	12.9	116.4	3.0
2021	Jan - Jul/July	115.4	5.0	113.2	-0.9	100.4	0.9	100.0	0.8	99.9	0.8	112.8	-1.1
2022	Jan - Jul/July	126.1	9.3	121.7	7.5	105.1	4.7	109.3	9.3	112.0	12.1	115.7	2.6

Tempoh Period	Kumpulan Group	242 Pembuatan logam asas berharga dan logam bukan ferus lain Manufacture of basic precious and other non-ferrous metals			243 Penuangan logam Casting of metals			251 Pembuatan produk struktur logam, tangki, takungan dan penjana wap Manufacture of structural metal products, tanks, reservoirs and steam generators			252 Pembuatan senjata dan peluru Manufacture of weapons and ammunition			259 Pembuatan produk lain yang direka daripada logam; aktiviti perkhidmatan kerja logam Manufacture of other fabricated metal products; metalworking service activities			261 Pembuatan komponen dan papan elektronik Manufacture of electronic components and boards		
Wajaran (Weight)		1.035			0.163			1.354			0.015			2.251			10.631		
		Indeks Index	YoY %	MoM %	Indeks Index	YoY %	MoM %	Indeks Index	YoY %	MoM %	Indeks Index	YoY %	MoM %	Indeks Index	YoY %	MoM %	Indeks Index	YoY %	MoM %
2019	Jan	111.2	-0.6	-0.7	114.2	-2.2	-0.3	102.5	-0.3	0.2	101.7	-1.5	0.1	101.3	-2.3	0.0	109.7	-3.5	0.1
	Feb	110.5	0.0	-0.6	112.9	-0.4	-1.1	101.2	-1.6	-1.3	101.2	-1.6	-0.5	101.4	-1.6	0.1	110.6	-1.4	0.8
	Mac/Mar	111.7	1.3	1.1	114.1	-2.9	1.1	101.5	-0.4	0.3	100.9	-1.3	-0.3	100.8	-1.8	-0.6	110.9	-0.6	0.3
	Apr	112.1	3.1	0.4	113.1	-3.1	-0.9	101.6	0.2	0.1	101.2	-0.9	0.3	101.2	-1.5	0.4	110.7	-0.6	-0.2
	Mei/May	112.7	0.4	0.5	113.9	-2.6	0.7	101.4	-0.5	-0.2	101.2	-0.2	0.0	101.2	0.0	0.0	111.3	0.0	0.5
	Jun/June	111.6	-1.0	-1.0	113.7	-2.8	-0.2	101.0	-0.6	-0.4	100.7	-0.6	-0.5	100.7	-0.7	-0.5	112.2	0.9	0.8
	Jul/July	111.4	-0.8	-0.2	113.5	-2.7	-0.2	101.0	-0.4	0.0	100.7	-0.3	0.0	100.6	-0.3	-0.1	112.1	1.4	-0.1
	Ogos/Aug	110.9	-1.0	-0.4	113.7	-1.1	0.2	101.0	-1.2	0.0	100.1	-1.4	-0.6	99.7	-1.5	-0.9	111.5	0.8	-0.5
	Sept	110.8	-1.0	-0.1	112.3	-2.7	-1.2	101.2	-0.9	0.2	100.4	-1.2	0.3	100.1	-1.4	0.4	112.3	1.4	0.7
	Okt/Oct	111.5	0.1	0.6	112.6	-2.4	0.3	101.0	-1.3	-0.2	100.3	-1.7	-0.1	100.0	-1.9	-0.1	112.9	2.4	0.5
	Nov	109.6	-2.0	-1.7	112.8	-1.6	0.2	101.1	-1.4	0.1	100.0	-2.0	-0.3	99.5	-2.4	-0.5	112.7	2.9	-0.2
	Dis/Dec	110.4	-1.4	0.7	113.3	-1.0	0.4	101.2	-1.1	0.1	100.1	-1.5	0.1	99.6	-1.7	0.1	113.4	3.5	0.6
2020	Jan	110.7	-0.4	0.3	112.8	-1.2	-0.4	99.5	-2.9	-1.7	99.3	-2.4	-0.8	99.3	-2.0	-0.3	113.5	3.5	0.1
	Feb	110.1	-0.4	-0.5	114.4	1.3	1.4	100.4	-0.8	0.9	99.5	-1.7	0.2	99.1	-2.3	-0.2	113.2	2.4	-0.3
	Mac/Mar	110.8	-0.8	0.6	115.0	0.8	0.5	100.4	-1.1	0.0	99.5	-1.4	0.0	99.2	-1.6	0.1	113.2	2.1	0.0
	Apr	110.4	-1.5	-0.4	114.6	1.3	-0.3	100.0	-1.6	-0.4	99.5	-1.7	0.0	99.3	-1.9	0.1	114.4	3.3	1.1
	Mei/May	110.1	-2.3	-0.3	114.3	0.4	-0.3	99.8	-1.6	-0.2	99.3	-1.9	-0.2	99.2	-2.0	-0.1	114.8	3.1	0.3
	Jun/June	108.2	-3.0	-1.7	112.9	-0.7	-1.2	98.2	-2.8	-1.6	98.9	-1.8	-0.4	99.4	-1.3	0.2	114.7	2.2	-0.1
	Jul/July	108.8	-2.3	0.6	115.1	1.4	1.9	98.1	-2.9	-0.1	98.2	-2.5	-0.7	98.4	-2.2	-1.0	114.8	2.4	0.1
	Ogos/Aug	111.2	0.3	2.2	114.8	1.0	-0.3	97.8	-3.2	-0.3	97.9	-2.2	-0.3	98.2	-1.5	-0.2	114.2	2.4	-0.5
	Sept	111.4	0.5	0.2	113.4	1.0	-1.2	98.3	-2.9	0.5	97.8	-2.6	-0.1	97.7	-2.4	-0.5	113.4	1.0	-0.7
	Okt/Oct	112.8	1.2	1.3	114.6	1.8	1.1	97.7	-3.3	-0.6	97.6	-2.7	-0.2	97.7	-2.3	0.0	113.3	0.4	-0.1
	Nov	112.0	2.2	-0.7	115.3	2.2	0.6	97.8	-3.3	0.1	97.7	-2.3	0.1	97.9	-1.6	0.2	114.0	1.2	0.6
	Dis/Dec	113.5	2.8	1.3	113.0	-0.3	-2.0	97.9	-3.3	0.1	97.7	-2.4	0.0	97.8	-1.8	-0.1	113.9	0.4	-0.1
2021	Jan	113.6	2.6	0.1	112.4	-0.4	-0.5	98.6	-0.9	0.7	98.3	-1.0	0.6	98.3	-1.0	0.5	113.0	-0.4	-0.8
	Feb	114.1	3.6	0.4	111.9	-2.2	-0.4	98.4	-2.0	-0.2	98.0	-1.5	-0.3	98.0	-1.1	-0.3	112.1	-1.0	-0.8
	Mac/Mar	114.7	3.5	0.5	112.0	-2.6	0.1	99.4	-1.0	1.0	98.9	-0.6	0.9	98.7	-0.5	0.7	112.6	-0.5	0.4
	Apr	115.4	4.5	0.6	112.8	-1.6	0.7	101.1	1.1	1.7	99.7	0.2	0.8	98.9	-0.4	0.2	112.8	-1.4	0.2
	Mei/May	115.8	5.2	0.3	113.7	-0.5	0.8	101.4	1.6	0.3	100.1	0.8	0.4	99.4	0.2	0.5	113.0	-1.6	0.2
	Jun/June	116.7	7.9	0.8	114.3	1.2	0.5	101.8	3.7	0.4	102.1	3.2	2.0	102.5	3.1	3.1	113.2	-1.3	0.2
	Jul/July	117.6	8.1	0.8	115.2	0.1	0.8	101.9	3.9	0.1	102.7	4.6	0.6	103.4	5.1	0.9	113.1	-1.5	-0.1
	Ogos/Aug	117.9	6.0	0.3	115.0	0.2	-0.2	102.4	4.7	0.5	103.4	5.6	0.7	104.1	6.0	0.7	113.6	-0.5	0.4
	Sept	120.2	7.9	2.0	115.7	2.0	0.6	102.3	4.1	-0.1	104.4	6.7	1.0	105.8	8.3	1.6	113.6	0.2	0.0
	Okt/Oct	120.4	6.7	0.2	117.1	2.2	1.2	102.4	4.8	0.1	105.5	8.1	1.1	107.6	10.1	1.7	113.7	0.4	0.1
	Nov	121.8	8.8	1.2	116.5	1.0	-0.5	102.8	5.1	0.4	106.3	8.8	0.8	108.6	10.9	0.9	114.7	0.6	0.9
	Dis/Dec	121.7	7.2	-0.1	117.0	3.5	0.4	103.1	5.3	0.3	106.6	9.1	0.3	108.9	11.3	0.3	113.8	-0.1	-0.8
2022	Jan	123.2	8.5	1.2	119.6	6.4	2.2	103.2	4.7	0.1	107.1	9.0	0.5	109.7	11.6	0.7	113.5	0.4	-0.3
	Feb	124.1	8.8	0.7	119.2	6.5	-0.3	103.8	5.5	0.6	107.9	10.1	0.7	110.5	12.8	0.7	114.1	1.8	0.5
	Mac/Mar	125.3	9.2	1.0	121.7	8.7	2.1	105.1	5.7	1.3	108.8	10.0	0.8	111.3	12.8	0.7	114.7	1.9	0.5
	Apr	126.7	9.8	1.1	122.9	9.0	1.0	105.5	4.4	0.4	109.6	9.9	0.7	112.2	13.4	0.8	115.9	2.7	1.0
	Mei/May	128.2	10.7	1.2	123.4	8.5	0.4	106.0	4.5	0.5	110.6	10.5	0.9	113.6	14.3	1.2	115.9	2.6	0.0
	Jun/June	128.0	9.7	-0.2	123.9	8.4	0.4	106.3	4.4	0.3	110.8	8.5	0.2	113.7	10.9	0.1	117.3	3.6	1.2
	Jul/July	127.2	8.2	-0.6	121.4	5.4	-2.0	105.6	3.6	-0.7	110.2	7.3	-0.5	113.2	9.5	-0.4	118.8	5.0	1.3

Tempoh Period	Kumpulan Group	262 Pembuatan komputer dan kelengkapan peranti Manufacture of computers and peripheral equipment		263 Pembuatan peralatan komunikasi Manufacture of communication equipment		264 Pembuatan peralatan elektronik pengguna Manufacture of consumer electronics		265 Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan; jam tangan dan jam Manufacture of measuring, testing, navigating and control equipment; watches and clocks		266 Pembuatan peralatan penyinaran, perubatan elektro dan elektroterapeutik Manufacture of irradiation, electromedical and electrotherapeutic equipment	
Wajaran (Weight)		2.647		1.081		3.464		0.551		0.312	
		Indeks Index	YoY %	Indeks Index	YoY %	Indeks Index	YoY %	Indeks Index	YoY %	Indeks Index	YoY %
2011		95.4	-4.6	98.1	-1.9	98.4	-1.6	95.5	-4.5	94.3	-5.7
2012		95.6	0.2	99.3	1.2	97.8	-0.6	93.7	-1.9	95.5	1.3
2013		95.8	0.2	99.3	0.0	97.8	0.0	88.0	-6.1	99.4	4.1
2014		95.8	0.0	99.4	0.1	97.7	-0.1	82.7	-6.0	106.8	7.4
2015		96.8	1.0	100.4	1.0	97.7	0.0	82.9	0.2	125.7	17.7
2016		95.9	-0.9	100.7	0.3	97.5	-0.2	83.7	1.0	131.9	4.9
2017		95.2	-0.7	103.2	2.5	94.4	-3.2	79.4	-5.1	138.3	4.9
2018		93.3	-2.0	98.7	-4.4	89.0	-5.7	73.4	-7.6	131.6	-4.8
2019		96.2	3.1	105.3	6.7	90.8	2.0	72.9	-0.7	127.7	-3.0
2020		100.7	4.7	104.4	-0.9	92.0	1.3	67.1	-8.0	130.2	2.0
2021		97.2	-3.5	107.5	3.0	81.9	-11.0	65.7	-2.1	134.3	3.1
2016	ST1/Q1	96.9	0.3	100.7	0.7	97.5	-0.2	86.3	9.5	136.2	15.5
	ST2/Q2	96.1	-0.7	100.7	0.3	97.5	-0.2	84.3	4.1	131.6	9.6
	ST3/Q3	95.4	-1.5	100.7	0.0	97.5	-0.3	82.9	-3.3	128.8	1.9
	ST4/Q4	95.4	-1.6	100.7	0.0	97.4	-0.1	81.3	-5.5	131.1	-5.1
2017	ST1/Q1	97.0	0.1	103.0	2.3	94.8	-2.8	81.0	-6.1	134.5	-1.2
	ST2/Q2	96.9	0.8	102.1	1.4	94.6	-3.0	79.5	-5.7	135.6	3.0
	ST3/Q3	94.2	-1.3	103.1	2.4	94.8	-2.8	78.4	-5.4	143.0	11.0
	ST4/Q4	92.8	-2.7	104.5	3.8	93.5	-4.0	78.6	-3.3	140.0	6.8
2018	ST1/Q1	92.4	-4.7	98.4	-4.5	92.2	-2.7	79.5	-1.9	136.8	1.7
	ST2/Q2	95.1	-1.9	97.2	-4.8	87.3	-7.7	75.8	-4.7	134.0	-1.2
	ST3/Q3	92.7	-1.6	99.5	-3.5	88.2	-7.0	68.6	-12.5	127.8	-10.6
	ST4/Q4	92.9	0.1	99.8	-4.5	88.4	-5.5	69.7	-11.3	127.8	-8.7
2019	ST1/Q1	95.0	2.8	101.2	2.8	88.3	-4.2	72.4	-8.9	127.4	-6.9
	ST2/Q2	96.0	0.9	105.4	8.4	87.5	0.2	72.9	-3.8	127.8	-4.6
	ST3/Q3	97.8	5.5	106.5	7.0	92.1	4.4	73.2	6.7	127.7	-0.1
	ST4/Q4	96.0	3.3	107.9	8.1	95.3	7.8	73.0	4.7	128.0	0.2
2020	ST1/Q1	95.7	0.7	105.9	4.6	96.7	9.5	70.3	-2.9	128.9	1.2
	ST2/Q2	98.5	2.6	102.6	-2.7	94.0	7.4	66.7	-8.5	128.6	0.6
	ST3/Q3	105.1	7.5	103.6	-2.7	91.0	-1.2	65.3	-10.8	131.0	2.6
	ST4/Q4	103.6	7.9	105.5	-2.2	86.4	-9.3	66.1	-9.5	132.2	3.3
2021	ST1/Q1	105.1	9.8	106.9	0.9	82.7	-14.5	65.8	-6.4	131.4	1.9
	ST2/Q2	99.6	1.1	107.6	4.9	81.6	-13.2	66.0	-1.0	133.2	3.6
	ST3/Q3	92.1	-12.4	107.9	4.2	80.7	-11.3	65.1	-0.3	137.2	4.7
	ST4/Q4	91.9	-11.3	107.6	2.0	82.7	-4.3	65.9	-0.3	135.2	2.3
2022	ST1/Q1	91.3	-13.1	110.8	3.6	83.1	0.5	65.6	-0.3	135.5	3.1
	ST2/Q2	94.1	-5.5	116.9	8.6	82.3	0.9	63.5	-3.8	141.3	6.1
2021	Jan - Jul/July	101.1	3.1	107.4	3.1	82.0	-13.2	65.8	-3.2	133.1	3.3
2022	Jan - Jul/July	92.6	-8.4	114.7	6.8	82.9	1.1	64.2	-2.4	139.5	4.8

Tempoh Period	Kumpulan Group	262 Pembuatan komputer dan kelengkapan peranti Manufacture of computers and peripheral equipment			263 Pembuatan peralatan komunikasi Manufacture of communication equipment			264 Pembuatan peralatan elektronik pengguna Manufacture of consumer electronics			265 Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan; jam tangan dan jam Manufacture of measuring, testing, navigating and control equipment; watches and clocks			266 Pembuatan peralatan penyinaran, perubatan elektro dan elektroterapeutik Manufacture of irradiation, electromedical and electrotherapeutic equipment		
Wajaran (Weight)		2.647			1.081			3.464			0.551			0.312		
		Indeks Index	YoY %	MoM %	Indeks Index	YoY %	MoM %	Indeks Index	YoY %	MoM %	Indeks Index	YoY %	MoM %	Indeks Index	YoY %	MoM %
2019	Jan	94.0	0.6	0.5	101.4	-0.5	1.3	87.2	-8.8	-0.1	71.8	-10.1	0.0	127.5	-3.7	-0.2
	Feb	95.1	4.4	1.2	102.0	4.7	0.6	89.4	-0.1	2.5	72.8	-7.8	1.4	127.4	-6.5	-0.1
	Mac/Mar	95.9	3.5	0.8	100.2	4.6	-1.8	88.3	-3.4	-1.2	72.6	-8.7	-0.3	127.4	-10.0	0.0
	Apr	95.3	1.8	-0.6	105.6	10.3	5.4	87.5	-1.2	-0.9	72.7	-9.1	0.1	127.4	-5.7	0.0
	Mei/May	95.8	-3.0	0.5	104.8	9.5	-0.8	86.8	0.6	-0.8	72.6	-4.2	-0.1	127.9	-8.2	0.4
	Jun/June	96.9	4.4	1.1	105.8	5.6	1.0	88.1	1.4	1.5	73.3	2.4	1.0	128.0	0.3	0.1
	Jul/July	96.8	3.2	-0.1	106.4	6.2	0.6	90.7	4.4	3.0	73.4	6.8	0.1	127.6	0.0	-0.3
	Ogos/Aug	99.1	8.1	2.4	106.6	7.5	0.2	91.4	4.1	0.8	73.6	7.4	0.3	128.1	0.2	0.4
	Sept	97.5	5.2	-1.6	106.5	7.4	-0.1	94.3	4.9	3.2	72.7	6.0	-1.2	127.5	-0.3	-0.5
	Okt/Oct	94.5	1.4	-3.1	108.0	8.2	1.4	95.7	5.7	1.5	73.1	6.7	0.6	127.9	0.0	0.3
	Nov	95.3	3.7	0.8	107.9	8.6	-0.1	93.6	7.2	-2.2	73.3	6.7	0.3	128.1	0.2	0.2
	Dis/Dec	98.2	5.0	3.0	107.8	7.7	-0.1	96.7	10.8	3.3	72.7	1.3	-0.8	128.0	0.2	-0.1
2020	Jan	94.9	1.0	-3.4	108.1	6.6	0.3	98.2	12.6	1.6	73.0	1.7	0.4	126.7	-0.6	-1.0
	Feb	94.1	-1.1	-0.8	105.3	3.2	-2.6	95.8	7.2	-2.4	68.9	-5.4	-5.6	130.3	2.3	2.8
	Mac/Mar	98.1	2.3	4.3	104.2	4.0	-1.0	96.0	8.7	0.2	69.0	-5.0	0.1	129.7	1.8	-0.5
	Apr	98.7	3.6	0.6	103.0	-2.5	-1.2	95.6	9.3	-0.4	68.9	-5.2	-0.1	127.9	0.4	-1.4
	Mei/May	95.4	-0.4	-3.3	102.0	-2.7	-1.0	95.2	9.7	-0.4	66.1	-9.0	-4.1	131.2	2.6	2.6
	Jun/June	101.5	4.7	6.4	102.9	-2.7	0.9	91.3	3.6	-4.1	65.1	-11.2	-1.5	126.8	-0.9	-3.4
	Jul/July	104.3	7.7	2.8	104.0	-2.3	1.1	89.5	-1.3	-2.0	65.1	-11.3	0.0	129.5	1.5	2.1
	Ogos/Aug	108.9	9.9	4.4	103.3	-3.1	-0.7	92.4	1.1	3.2	65.3	-11.3	0.3	132.5	3.4	2.3
	Sept	102.2	4.8	-6.2	103.5	-2.8	0.2	91.0	-3.5	-1.5	65.5	-9.9	0.3	130.9	2.7	-1.2
	Okt/Oct	103.1	9.1	0.9	103.5	-4.2	0.0	90.1	-5.9	-1.0	66.1	-9.6	0.9	130.4	2.0	-0.4
	Nov	105.5	10.7	2.3	106.3	-1.5	2.7	85.0	-9.2	-5.7	66.3	-9.5	0.3	132.9	3.7	1.9
	Dis/Dec	102.1	4.0	-3.2	106.7	-1.0	0.4	84.0	-13.1	-1.2	65.8	-9.5	-0.8	133.3	4.1	0.3
2021	Jan	106.9	12.6	4.7	107.1	-0.9	0.4	83.5	-15.0	-0.6	65.7	-10.0	-0.2	132.3	4.4	-0.8
	Feb	105.4	12.0	-1.4	107.2	1.8	0.1	82.9	-13.5	-0.7	66.0	-4.2	0.5	130.9	0.5	-1.1
	Mac/Mar	103.0	5.0	-2.3	106.5	2.2	-0.7	81.8	-14.8	-1.3	65.8	-4.6	-0.3	131.1	1.1	0.2
	Apr	100.1	1.4	-2.8	106.8	3.7	0.3	81.0	-15.3	-1.0	66.1	-4.1	0.5	133.4	4.3	1.8
	Mei/May	100.4	5.2	0.3	107.6	5.5	0.7	81.5	-14.4	0.6	65.9	-0.3	-0.3	131.5	0.2	-1.4
	Jun/June	98.2	-3.3	-2.2	108.3	5.2	0.7	82.3	-9.9	1.0	66.1	1.5	0.3	134.8	6.3	2.5
	Jul/July	93.5	-10.4	-4.8	108.6	4.4	0.3	80.7	-9.8	-1.9	65.0	-0.2	-1.7	137.7	6.3	2.2
	Ogos/Aug	91.3	-16.2	-2.4	107.7	4.3	-0.8	80.9	-12.4	0.2	64.9	-0.6	-0.2	136.6	3.1	-0.8
	Sept	91.4	-10.6	0.1	107.5	3.9	-0.2	80.5	-11.5	-0.5	65.4	-0.2	0.8	137.4	5.0	0.6
	Okt/Oct	90.7	-12.0	-0.8	108.3	4.6	0.7	81.8	-9.2	1.6	65.5	-0.9	0.2	134.2	2.9	-2.3
	Nov	92.5	-12.3	2.0	107.5	1.1	-0.7	83.5	-1.8	2.1	66.2	-0.2	1.1	136.1	2.4	1.4
	Dis/Dec	92.4	-9.5	-0.1	107.1	0.4	-0.4	82.9	-1.3	-0.7	66.0	0.3	-0.3	135.4	1.6	-0.5
2022	Jan	90.7	-15.2	-1.8	107.5	0.4	0.4	82.7	-1.0	-0.2	65.8	0.2	-0.3	132.5	0.2	-2.1
	Feb	91.2	-13.5	0.6	110.8	3.4	3.1	83.6	0.8	1.1	65.9	-0.2	0.2	135.5	3.5	2.3
	Mac/Mar	92.0	-10.7	0.9	114.2	7.2	3.1	83.1	1.6	-0.6	65.0	-1.2	-1.4	138.4	5.6	2.1
	Apr	94.4	-5.7	2.6	117.9	10.4	3.2	81.5	0.6	-1.9	64.1	-3.0	-1.4	141.0	5.7	1.9
	Mei/May	93.8	-6.6	-0.6	117.6	9.3	-0.3	82.4	1.1	1.1	63.6	-3.5	-0.8	139.6	6.2	-1.0
	Jun/June	94.2	-4.1	0.4	115.2	6.4	-2.0	83.0	0.9	0.7	62.8	-5.0	-1.3	143.4	6.4	2.7
	Jul/July	91.8	-1.8	-2.5	119.8	10.3	4.0	84.3	4.5	1.6	62.5	-3.8	-0.5	145.8	5.9	1.7

JADUAL **9** **IHPR (2010=100) Pengeluaran Tempatan dan Perubahan Peratus mengikut Kumpulan (MSIC 2008), Malaysia (samb.)**
TABLE **PPI (2010=100) Local Production and Percentage Change by Group (MSIC 2008), Malaysia (cont'd)**

Tempoh Period	Kumpulan Group	267 Pembuatan instrumen optikal dan kelengkapan fotografi Manufacture of optical instruments and photographic equipment		268 Pembuatan media magnetik dan optikal Manufacture of magnetic and optical media		271 Pembuatan motor elektrik, penjana, transformer dan perkakasan pengagihan dan pengawalan elektrik Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus		272 Pembuatan bateri dan akumulator Manufacture of batteries and accumulators		273 Pembuatan pendawaian dan peranti pendawaian Manufacture of wiring and wiring devices	
Wajaran (Weight)		0.098		0.004		0.647		0.236		0.783	
		Indeks Index	YoY %	Indeks Index	YoY %	Indeks Index	YoY %	Indeks Index	YoY %	Indeks Index	YoY %
2011		97.8	-2.2	-	-	94.9	-5.1	-	-	102.4	2.4
2012		101.7	4.0	-	-	96.1	1.3	-	-	99.7	-2.6
2013		101.7	0.0	-	-	99.6	3.6	-	-	98.9	-0.8
2014		103.3	1.6	-	-	100.5	0.9	-	-	98.8	-0.1
2015		106.5	3.1	-	-	101.7	1.2	-	-	97.0	-1.8
2016		106.7	0.2	-	-	104.0	2.3	-	-	92.3	-4.8
2017		106.2	-0.5	106.2	-	104.9	0.9	105.0	-	105.0	13.8
2018		102.5	-3.5	107.6	1.3	102.8	-2.0	106.8	1.7	103.9	-1.0
2019		102.7	0.2	96.2	-10.6	103.5	0.7	106.9	0.1	101.0	-2.8
2020		112.5	9.5	93.0	-3.3	102.4	-1.1	106.9	0.0	101.0	0.0
2021		115.1	2.3	93.4	0.4	104.1	1.7	107.3	0.4	102.0	1.0
2016	ST1/Q1	106.9	1.2	-	-	102.8	2.1	-	-	95.1	-2.0
	ST2/Q2	106.2	0.2	-	-	104.6	3.4	-	-	90.2	-6.3
	ST3/Q3	106.4	-0.1	-	-	104.4	2.1	-	-	91.8	-5.7
	ST4/Q4	107.1	-0.6	-	-	104.3	1.6	-	-	92.2	-5.1
2017	ST1/Q1	107.1	0.2	107.1	-	104.3	1.5	103.3	-	102.7	8.0
	ST2/Q2	106.6	0.4	106.6	-	104.9	0.3	105.0	-	104.7	16.1
	ST3/Q3	106.1	-0.3	106.1	-	104.7	0.3	105.3	-	104.4	13.7
	ST4/Q4	104.9	-2.1	104.9	-	105.6	1.2	106.4	-	108.0	17.1
2018	ST1/Q1	103.7	-3.2	109.0	1.8	103.3	-1.0	106.8	3.4	107.4	4.6
	ST2/Q2	102.0	-4.3	110.1	3.3	101.9	-2.9	107.2	2.1	104.1	-0.6
	ST3/Q3	102.5	-3.4	103.1	-2.8	102.5	-2.1	106.2	0.9	102.8	-1.5
	ST4/Q4	102.0	-2.8	108.1	3.1	103.5	-2.0	106.9	0.5	101.3	-6.2
2019	ST1/Q1	100.9	-2.7	101.9	-6.5	103.6	0.3	106.9	0.1	101.0	-6.0
	ST2/Q2	102.0	0.0	100.0	-9.2	103.7	1.8	106.9	-0.3	101.2	-2.8
	ST3/Q3	105.3	2.7	92.2	-10.6	102.5	0.0	106.9	0.7	100.9	-1.8
	ST4/Q4	102.5	0.5	90.6	-16.2	104.2	0.7	106.9	0.0	100.7	-0.6
2020	ST1/Q1	104.7	3.8	90.6	-11.1	103.9	0.3	106.9	0.0	101.4	0.4
	ST2/Q2	110.2	8.0	93.1	-6.9	103.2	-0.5	106.9	0.0	101.4	0.2
	ST3/Q3	117.4	11.5	94.3	2.3	101.6	-0.9	106.9	0.0	101.2	0.3
	ST4/Q4	117.4	14.5	94.0	3.8	101.0	-3.1	106.9	0.0	100.0	-0.7
2021	ST1/Q1	116.0	10.8	93.4	3.1	100.8	-3.0	106.9	0.0	99.6	-1.8
	ST2/Q2	110.7	0.5	93.4	0.3	103.6	0.4	106.9	0.0	101.3	-0.1
	ST3/Q3	113.9	-3.0	93.4	-1.0	105.8	4.1	106.9	0.0	102.2	1.0
	ST4/Q4	120.0	2.2	93.4	-0.6	105.9	4.9	108.6	1.6	104.8	4.8
2022	ST1/Q1	113.8	-1.9	93.4	0.0	107.1	6.3	122.3	14.4	107.8	8.2
	ST2/Q2	118.5	7.0	94.6	1.3	110.6	6.8	126.0	17.9	109.1	7.7
2021	Jan - Jul/July	113.0	4.1	93.4	1.3	102.6	-0.8	106.9	0.0	100.4	-1.0
2022	Jan - Jul/July	116.8	3.4	95.2	1.9	109.5	6.7	125.7	17.6	108.6	8.2

Tempoh Period	Kumpulan Group	267 Pembuatan instrumen optikal dan kelengkapan fotografi Manufacture of optical instruments and photographic equipment			268 Pembuatan media magnetik dan optikal Manufacture of magnetic and optical media			271 Pembuatan motor elektrik, penjana, transformer dan perkakasan pengagihan dan pengawalan elektrik Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus			272 Pembuatan bateri dan akumulator Manufacture of batteries and accumulators			273 Pembuatan pendawaian dan peranti pendawaian Manufacture of wiring and wiring devices		
Wajaran (Weight)		0.098			0.004			0.647			0.236			0.783		
		Indeks Index	YoY %	MoM %	Indeks Index	YoY %	MoM %	Indeks Index	YoY %	MoM %	Indeks Index	YoY %	MoM %	Indeks Index	YoY %	MoM %
2019	Jan	100.9	-8.3	4.9	106.5	-3.9	-5.2	103.0	-1.2	0.1	106.9	1.0	0.0	101.1	-6.6	0.2
	Feb	100.6	1.5	-0.3	99.1	-9.9	-6.9	103.9	1.2	0.9	106.9	0.3	0.0	100.7	-5.8	-0.4
	Mac/Mar	101.1	-0.8	0.5	100.0	-5.8	0.9	103.8	0.8	-0.1	106.9	-1.0	0.0	101.1	-5.5	0.4
	Apr	98.5	0.5	-2.6	100.0	-9.2	0.0	104.0	0.7	0.2	106.9	-0.3	0.0	101.2	-4.0	0.1
	Mei/May	103.0	-0.9	4.6	100.0	-9.2	0.0	104.6	3.9	0.6	106.9	-1.1	0.0	101.6	-1.9	0.4
	Jun/June	104.6	0.6	1.6	100.0	-9.2	0.0	102.5	0.9	-2.0	106.9	0.7	0.0	100.9	-2.4	-0.7
	Jul/July	106.1	6.8	1.4	95.4	-3.8	-4.6	102.6	0.9	0.1	106.9	0.7	0.0	100.8	-2.2	-0.1
	Ogos/Aug	103.5	1.7	-2.5	90.6	-14.4	-5.0	103.1	0.3	0.5	106.9	0.7	0.0	101.1	-1.9	0.3
	Sept	106.2	-0.3	2.6	90.6	-13.1	0.0	101.7	-1.4	-1.4	106.9	0.7	0.0	100.7	-1.4	-0.4
	Okt/Oct	102.8	-3.5	-3.2	90.6	-13.1	0.0	104.2	0.0	2.5	106.9	0.0	0.0	100.8	-1.2	0.1
	Nov	102.3	-1.0	-0.5	90.6	-15.9	0.0	103.3	-0.2	-0.9	106.9	0.0	0.0	100.6	-0.3	-0.2
	Dis/Dec	102.3	6.3	0.0	90.6	-19.4	0.0	105.1	2.1	1.7	106.9	0.0	0.0	100.8	-0.1	0.2
2020	Jan	107.1	6.1	4.7	90.6	-14.9	0.0	104.9	1.8	-0.2	106.9	0.0	0.0	101.0	-0.1	0.2
	Feb	101.4	0.8	-5.3	90.6	-8.6	0.0	104.4	0.5	-0.5	106.9	0.0	0.0	101.9	1.2	0.9
	Mac/Mar	105.7	4.5	4.2	90.6	-9.4	0.0	102.3	-1.4	-2.0	106.9	0.0	0.0	101.4	0.3	-0.5
	Apr	111.0	12.7	5.0	90.6	-9.4	0.0	102.4	-1.5	0.1	106.9	0.0	0.0	102.2	1.0	0.8
	Mei/May	109.8	6.6	-1.1	94.3	-5.7	4.1	103.5	-1.1	1.1	106.9	0.0	0.0	100.1	-1.5	-2.1
	Jun/June	109.9	5.1	0.1	94.3	-5.7	0.0	103.6	1.1	0.1	106.9	0.0	0.0	101.9	1.0	1.8
	Jul/July	115.1	8.5	4.7	94.3	-1.2	0.0	102.7	0.1	-0.9	106.9	0.0	0.0	101.5	0.7	-0.4
	Ogos/Aug	118.2	14.2	2.7	94.3	4.1	0.0	102.2	-0.9	-0.5	106.9	0.0	0.0	101.7	0.6	0.2
	Sept	118.9	12.0	0.6	94.3	4.1	0.0	100.0	-1.7	-2.2	106.9	0.0	0.0	100.3	-0.4	-1.4
	Okt/Oct	119.5	16.2	0.5	94.3	4.1	0.0	101.0	-3.1	1.0	106.9	0.0	0.0	100.6	-0.2	0.3
	Nov	117.2	14.6	-1.9	93.9	3.6	-0.4	101.6	-1.6	0.6	106.9	0.0	0.0	100.4	-0.2	-0.2
	Dis/Dec	115.6	13.0	-1.4	93.9	3.6	0.0	100.4	-4.5	-1.2	106.9	0.0	0.0	99.0	-1.8	-1.4
2021	Jan	115.2	7.6	-0.3	93.4	3.1	-0.5	99.9	-4.8	-0.5	106.9	0.0	0.0	99.0	-2.0	0.0
	Feb	116.4	14.8	1.0	93.4	3.1	0.0	100.8	-3.4	0.9	106.9	0.0	0.0	99.5	-2.4	0.5
	Mac/Mar	116.3	10.0	-0.1	93.4	3.1	0.0	101.8	-0.5	1.0	106.9	0.0	0.0	100.2	-1.2	0.7
	Apr	111.7	0.6	-4.0	93.4	3.1	0.0	102.9	0.5	1.1	106.9	0.0	0.0	101.3	-0.9	1.1
	Mei/May	112.4	2.4	0.6	93.4	-1.0	0.0	103.5	0.0	0.6	106.9	0.0	0.0	100.8	0.7	-0.5
	Jun/June	108.0	-1.7	-3.9	93.4	-1.0	0.0	104.5	0.9	1.0	106.9	0.0	0.0	101.7	-0.2	0.9
	Jul/July	111.3	-3.3	3.1	93.4	-1.0	0.0	104.6	1.9	0.1	106.9	0.0	0.0	100.6	-0.9	-1.1
	Ogos/Aug	113.2	-4.2	1.7	93.4	-1.0	0.0	107.1	4.8	2.4	106.9	0.0	0.0	102.5	0.8	1.9
	Sept	117.1	-1.5	3.4	93.4	-1.0	0.0	105.8	5.8	-1.2	106.9	0.0	0.0	103.6	3.3	1.1
	Okt/Oct	120.4	0.8	2.8	93.4	-1.0	0.0	106.3	5.2	0.5	106.9	0.0	0.0	104.6	4.0	1.0
	Nov	121.9	4.0	1.2	93.4	-0.5	0.0	106.1	4.4	-0.2	106.9	0.0	0.0	104.8	4.4	0.2
	Dis/Dec	117.8	1.9	-3.4	93.4	-0.5	0.0	105.4	5.0	-0.7	111.9	4.7	4.7	105.0	6.1	0.2
2022	Jan	115.2	0.0	-2.2	93.4	0.0	0.0	105.5	5.6	0.1	119.8	12.1	7.1	106.8	7.9	1.7
	Feb	114.4	-1.7	-0.7	93.4	0.0	0.0	108.0	7.1	2.4	119.8	12.1	0.0	107.8	8.3	0.9
	Mac/Mar	111.9	-3.8	-2.2	93.4	0.0	0.0	107.7	5.8	-0.3	127.2	19.0	6.2	108.7	8.5	0.8
	Apr	114.5	2.5	2.3	93.4	0.0	0.0	108.5	5.4	0.7	127.2	19.0	0.0	109.0	7.6	0.3
	Mei/May	118.2	5.2	3.2	93.4	0.0	0.0	111.0	7.2	2.3	121.5	13.7	-4.5	109.8	8.9	0.7
	Jun/June	122.8	13.7	3.9	97.1	4.0	4.0	112.3	7.5	1.2	129.4	21.0	6.5	108.5	6.7	-1.2
	Jul/July	120.5	8.3	-1.9	102.5	9.7	5.6	113.2	8.2	0.8	134.9	26.2	4.3	109.5	8.8	0.9

**JADUAL
TABLE**
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IHPR (2010=100) Pengeluaran Tempatan dan Perubahan Peratus mengikut Kumpulan (MSIC 2008), Malaysia (samb.)
PPI (2010=100) Local Production and Percentage Change by Group (MSIC 2008), Malaysia (cont'd)

Tempoh Period	Kumpulan Group	274 Pembuatan kelengkapan pencahayaan elektrik Manufacture of electric lighting equipment		275 Pembuatan perkakasan domestik Manufacture of domestic appliances		279 Pembuatan kelengkapan elektrik lain Manufacture of other electrical equipment		281 Pembuatan jentera kegunaan umum Manufacture of general-purpose machinery		282 Pembuatan jentera kegunaan khas Manufacture of special-purpose machinery		291 Pembuatan kenderaan bermotor Manufacture of motor vehicles	
Wajaran (Weight)		0.063		0.530		0.318		1.257		0.801		2.315	
		Indeks Index	YoY %	Indeks Index	YoY %	Indeks Index	YoY %	Indeks Index	YoY %	Indeks Index	YoY %	Indeks Index	YoY %
2011		-	-	100.6	0.6	-	-	99.5	-0.5	99.0	-1.0	100.3	0.3
2012		-	-	101.0	0.4	-	-	99.9	0.4	98.9	-0.1	99.1	-1.2
2013		-	-	101.7	0.7	-	-	100.1	0.2	98.9	0.0	99.1	0.0
2014		-	-	102.5	0.8	-	-	101.1	1.0	98.9	0.0	99.2	0.1
2015		-	-	101.4	-1.1	-	-	102.0	0.9	101.3	2.4	99.2	0.0
2016		-	-	101.1	-0.3	-	-	102.3	0.3	102.5	1.2	99.7	0.5
2017		105.0	-	105.3	4.2	105.0	-	100.9	-1.4	102.0	-0.5	102.2	2.5
2018		105.9	0.9	106.7	1.3	102.8	-2.1	100.7	-0.2	98.1	-3.8	98.1	-4.0
2019		104.7	-1.1	106.4	-0.3	109.5	6.5	101.5	0.8	98.4	0.3	102.9	4.9
2020		111.5	6.5	102.4	-3.8	116.7	6.6	100.4	-1.1	95.0	-3.5	99.2	-3.6
2021		113.3	1.6	108.2	5.7	110.0	-5.7	101.2	0.8	99.2	4.4	100.4	1.2
2016	ST1/Q1	-	-	101.0	-1.5	-	-	103.4	1.6	102.0	1.1	99.6	0.5
	ST2/Q2	-	-	101.0	0.1	-	-	102.0	-0.1	102.5	1.7	99.7	0.5
	ST3/Q3	-	-	101.1	-0.1	-	-	101.9	0.0	102.4	1.8	99.7	0.6
	ST4/Q4	-	-	101.3	0.3	-	-	101.9	-0.2	103.0	0.0	99.7	0.2
2017	ST1/Q1	103.3	-	102.7	1.7	103.3	-	100.8	-2.5	102.6	0.6	101.8	2.2
	ST2/Q2	105.0	-	105.7	4.7	105.0	-	100.1	-1.9	102.5	0.0	102.7	3.0
	ST3/Q3	105.3	-	108.2	7.0	105.3	-	101.4	-0.5	101.6	-0.8	102.1	2.4
	ST4/Q4	106.4	-	104.5	3.2	106.4	-	101.3	-0.6	101.5	-1.5	102.1	2.4
2018	ST1/Q1	108.6	5.1	105.5	2.7	96.8	-6.3	99.6	-1.2	98.1	-4.4	100.1	-1.7
	ST2/Q2	106.3	1.2	108.0	2.2	94.9	-9.6	100.2	0.1	97.8	-4.6	94.4	-8.1
	ST3/Q3	103.0	-2.2	107.2	-0.9	109.7	4.2	100.9	-0.5	98.2	-3.3	97.1	-4.9
	ST4/Q4	105.8	-0.6	106.1	1.5	110.0	3.4	102.2	0.9	98.3	-3.2	100.7	-1.4
2019	ST1/Q1	105.8	-2.6	106.6	1.0	109.8	13.4	101.4	1.8	99.2	1.1	102.7	2.6
	ST2/Q2	105.8	-0.5	106.7	-1.2	109.3	15.2	100.8	0.6	99.1	1.3	103.7	9.9
	ST3/Q3	104.8	1.7	106.2	-0.9	109.5	-0.2	101.4	0.5	97.9	-0.3	103.3	6.4
	ST4/Q4	102.4	-3.2	106.0	-0.1	109.5	-0.5	102.2	0.0	97.3	-1.0	101.7	1.0
2020	ST1/Q1	110.2	4.2	103.2	-3.2	113.2	3.1	101.8	0.4	94.9	-4.3	99.9	-2.7
	ST2/Q2	111.8	5.7	102.7	-3.7	120.4	10.2	100.4	-0.4	95.1	-4.0	100.4	-3.2
	ST3/Q3	113.2	8.0	100.5	-5.4	117.5	7.3	99.0	-2.4	94.0	-4.0	98.2	-4.9
	ST4/Q4	110.8	8.2	103.0	-2.8	115.7	5.7	100.3	-1.9	96.1	-1.2	98.4	-3.2
2021	ST1/Q1	112.8	2.4	107.1	3.8	107.6	-4.9	100.1	-1.7	97.8	3.1	100.9	1.0
	ST2/Q2	113.4	1.4	106.7	3.9	108.9	-9.6	100.9	0.5	99.2	4.3	100.4	0.0
	ST3/Q3	113.4	0.2	107.9	7.4	111.3	-5.3	101.5	2.5	99.5	5.9	100.1	1.9
	ST4/Q4	113.6	2.5	111.0	7.8	112.0	-3.2	102.5	2.2	100.0	4.1	100.3	1.9
2022	ST1/Q1	111.5	-1.2	113.6	6.1	115.9	7.7	103.0	2.9	100.8	3.1	103.6	2.7
	ST2/Q2	114.2	0.7	114.2	7.0	121.4	11.5	102.6	1.7	101.1	1.9	104.5	4.1
2021	Jan - Jul/July	113.2	1.6	106.9	4.2	108.4	-7.4	100.6	-0.1	98.7	4.0	100.6	0.7
2022	Jan - Jul/July	114.0	0.7	114.1	6.7	119.7	10.4	102.7	2.1	101.2	2.5	104.1	3.5

Tempoh Period	Kumpulan Group	274			275			279			281			282			291		
		Pembuatan kelengkapan pencahayaan elektrik <i>Manufacture of electric lighting equipment</i>			Pembuatan perkakasan domestik <i>Manufacture of domestic appliances</i>			Pembuatan kelengkapan elektrik lain <i>Manufacture of other electrical equipment</i>			Pembuatan jentera kegunaan umum <i>Manufacture of general-purpose machinery</i>			Pembuatan jentera kegunaan khas <i>Manufacture of special-purpose machinery</i>			Pembuatan kenderaan bermotor <i>Manufacture of motor vehicles</i>		
Wajaran (Weight)		0.063			0.530			0.318			1.257			0.801			2.315		
		Indeks Index	YoY %	MoM %	Indeks Index	YoY %	MoM %	Indeks Index	YoY %	MoM %	Indeks Index	YoY %	MoM %	Indeks Index	YoY %	MoM %	Indeks Index	YoY %	MoM %
2019	Jan	105.8	-1.3	0.0	106.6	4.4	0.8	109.8	3.4	-0.2	101.9	1.2	-0.4	100.0	-0.7	0.7	102.3	0.0	0.7
	Feb	105.8	-0.9	0.0	106.6	0.1	0.0	109.8	17.4	0.0	101.5	1.7	-0.4	98.5	1.3	-1.5	103.3	3.7	1.0
	Mac/Mar	105.8	-5.3	0.0	106.6	-1.2	0.0	109.9	21.3	0.1	100.9	2.5	-0.6	99.2	3.0	0.7	102.6	4.2	-0.7
	Apr	105.8	-8.9	0.0	106.6	0.3	0.0	109.8	19.9	-0.1	100.4	1.2	-0.5	98.2	-1.3	-1.0	101.8	7.3	-0.8
	Mei/May	105.8	-0.3	0.0	106.8	-2.0	0.2	108.7	17.8	-1.0	100.6	-0.1	0.2	99.9	2.3	1.7	104.0	10.8	2.2
	Jun/June	105.8	9.4	0.0	106.7	-1.9	-0.1	109.4	8.6	0.6	101.4	0.8	0.8	99.2	3.1	-0.7	105.4	11.5	1.3
	Jul/July	105.8	9.4	0.0	106.7	-2.1	0.0	109.5	-0.6	0.1	101.0	0.1	-0.4	97.0	-0.2	-2.2	102.9	8.7	-2.4
	Ogos/Aug	105.8	-0.4	0.0	106.0	-0.4	-0.7	109.5	-0.6	0.0	101.4	0.8	0.4	97.9	-1.6	0.9	103.0	7.6	0.1
	Sept	102.8	-3.2	-2.8	106.0	-0.1	0.0	109.5	0.6	0.0	101.7	0.6	0.3	98.9	0.9	1.0	104.0	3.1	1.0
	Okt/Oct	100.4	-5.1	-2.3	106.0	-0.2	0.0	109.5	-0.5	0.0	102.4	0.5	0.7	98.4	1.1	-0.5	102.6	0.9	-1.3
	Nov	100.4	-5.1	0.0	106.0	-0.2	0.0	109.5	-0.5	0.0	102.1	-0.3	-0.3	97.7	-0.5	-0.7	102.6	4.0	0.0
	Dis/Dec	106.3	0.5	5.9	106.0	0.2	0.0	109.5	-0.5	0.0	102.2	-0.1	0.1	95.9	-3.4	-1.8	99.9	-1.7	-2.6
2020	Jan	109.0	3.0	2.5	105.4	-1.1	-0.6	112.7	2.6	2.9	102.5	0.6	0.3	94.6	-5.4	-1.4	99.0	-3.2	-0.9
	Feb	109.3	3.3	0.3	101.9	-4.4	-3.3	110.3	0.5	-2.1	101.9	0.4	-0.6	95.2	-3.4	0.6	100.5	-2.7	1.5
	Mac/Mar	112.4	6.2	2.8	102.3	-4.0	0.4	116.6	6.1	5.7	100.9	0.0	-1.0	95.0	-4.2	-0.2	100.2	-2.3	-0.3
	Apr	116.1	9.7	3.3	102.3	-4.0	0.0	117.7	7.2	0.9	101.3	0.9	0.4	95.3	-3.0	0.3	100.4	-1.4	0.2
	Mei/May	109.9	3.9	-5.3	102.8	-3.7	0.5	123.4	13.5	4.8	100.4	-0.2	-0.9	95.3	-4.6	0.0	101.8	-2.1	1.4
	Jun/June	109.4	3.4	-0.5	103.0	-3.5	0.2	120.0	9.7	-2.8	99.6	-1.8	-0.8	94.8	-4.4	-0.5	99.1	-6.0	-2.7
	Jul/July	113.5	7.3	3.7	100.7	-5.6	-2.2	119.3	8.9	-0.6	98.3	-2.7	-1.3	93.8	-3.3	-1.1	98.6	-4.2	-0.5
	Ogos/Aug	114.5	8.2	0.9	100.0	-5.7	-0.7	114.0	4.1	-4.4	98.7	-2.7	0.4	94.3	-3.7	0.5	98.0	-4.9	-0.6
	Sept	111.7	8.7	-2.4	100.7	-5.0	0.7	119.1	8.8	4.5	100.1	-1.6	1.4	93.8	-5.2	-0.5	97.9	-5.9	-0.1
	Okt/Oct	108.7	8.3	-2.7	101.8	-4.0	1.1	115.7	5.7	-2.9	100.4	-2.0	0.3	94.0	-4.5	0.2	96.6	-5.8	-1.3
	Nov	110.3	9.9	1.5	102.9	-2.9	1.1	115.1	5.1	-0.5	100.1	-2.0	-0.3	96.7	-1.0	2.9	98.4	-4.1	1.9
	Dis/Dec	113.4	6.7	2.8	104.4	-1.5	1.5	116.4	6.3	1.1	100.5	-1.7	0.4	97.6	1.8	0.9	100.1	0.2	1.7
2021	Jan	111.7	2.5	-1.5	106.0	0.6	1.5	110.1	-2.3	-5.4	99.6	-2.8	-0.9	97.7	3.3	0.1	100.8	1.8	0.7
	Feb	113.4	3.8	1.5	106.3	4.3	0.3	107.7	-2.4	-2.2	101.0	-0.9	1.4	98.3	3.3	0.6	100.5	0.0	-0.3
	Mac/Mar	113.4	0.9	0.0	108.9	6.5	2.4	105.0	-9.9	-2.5	99.6	-1.3	-1.4	97.4	2.5	-0.9	101.3	1.1	0.8
	Apr	113.4	-2.3	0.0	107.7	5.3	-1.1	105.9	-10.0	0.9	100.7	-0.6	1.1	98.7	3.6	1.3	99.8	-0.6	-1.5
	Mei/May	113.4	3.2	0.0	106.1	3.2	-1.5	109.4	-11.3	3.3	101.0	0.6	0.3	99.1	4.0	0.4	101.1	-0.7	1.3
	Jun/June	113.4	3.7	0.0	106.2	3.1	0.1	111.4	-7.2	1.8	100.9	1.3	-0.1	99.9	5.4	0.8	100.4	1.3	-0.7
	Jul/July	113.4	-0.1	0.0	107.0	6.3	0.8	109.4	-8.3	-1.8	101.3	3.1	0.4	100.1	6.7	0.2	100.1	1.5	-0.3
	Ogos/Aug	113.4	-1.0	0.0	109.6	9.6	2.4	111.4	-2.3	1.8	101.3	2.6	0.0	99.5	5.5	-0.6	100.1	2.1	0.0
	Sept	113.3	1.4	-0.1	107.2	6.5	-2.2	113.2	-5.0	1.6	102.0	1.9	0.7	99.0	5.5	-0.5	100.2	2.3	0.1
	Okt/Oct	113.1	4.0	-0.2	109.8	7.9	2.4	113.9	-1.6	0.6	102.1	1.7	0.1	99.5	5.9	0.5	100.3	3.8	0.1
	Nov	113.8	3.2	0.6	111.7	8.6	1.7	111.1	-3.5	-2.5	102.4	2.3	0.3	100.4	3.8	0.9	100.3	1.9	0.0
	Dis/Dec	113.8	0.4	0.0	111.4	6.7	-0.3	110.9	-4.7	-0.2	103.0	2.5	0.6	100.2	2.7	-0.2	100.2	0.1	-0.1
2022	Jan	113.8	1.9	0.0	113.6	7.2	2.0	113.8	3.4	2.6	103.5	3.9	0.5	101.2	3.6	1.0	102.4	1.6	2.2
	Feb	111.4	-1.8	-2.1	114.0	7.2	0.4	116.3	8.0	2.2	102.8	1.8	-0.7	101.0	2.7	-0.2	103.3	2.8	0.9
	Mac/Mar	109.2	-3.7	-2.0	113.2	3.9	-0.7	117.6	12.0	1.1	102.6	3.0	-0.2	100.1	2.8	-0.9	105.1	3.8	1.7
	Apr	110.5	-2.6	1.2	113.1	5.0	-0.1	119.5	12.8	1.6	102.9	2.2	0.3	99.4	0.7	-0.7	104.5	4.7	-0.6
	Mei/May	114.3	0.8	3.4	114.8	8.2	1.5	121.1	10.7	1.3	102.3	1.3	-0.6	101.3	2.2	1.9	104.3	3.2	-0.2
	Jun/June	117.8	3.9	3.1	114.8	8.1	0.0	123.7	11.0	2.1	102.7	1.8	0.4	102.6	2.7	1.3	104.6	4.2	0.3
	Jul/July	121.2	6.9	2.9	115.3	7.8	0.4	125.6	14.8	1.5	102.4	1.1	-0.3	102.5	2.4	-0.1	104.7	4.6	0.1

Tempoh Period	Kumpulan Group	292 Pembuatan kerangka (coachwork) untuk kendaraan bermotor; pembuatan treler dan semi treler Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers		293 Pembuatan alat ganti dan aksesori untuk kendaraan bermotor Manufacture of parts and accessories for motor vehicles		301 Pembinaan kapal dan bot Building of ships and boats		302 Pembuatan lokomotif keretapi dan rolling stock Manufacture of railway locomotives and rolling stock		303 Pembuatan kapal angkasa dan udara dan jentera berkaitan Manufacture of air and spacecraft and related machinery	
Wajaran (Weight)		0.095		1.553		0.570		0.028		0.282	
		Indeks Index	YoY %	Indeks Index	YoY %	Indeks Index	YoY %	Indeks Index	YoY %	Indeks Index	YoY %
2011		-	-	100.8	0.8	-	-	-	-	-	-
2012		-	-	103.0	2.2	-	-	-	-	-	-
2013		-	-	104.5	1.5	-	-	-	-	-	-
2014		-	-	103.7	-0.8	-	-	-	-	-	-
2015		-	-	103.4	-0.3	-	-	-	-	-	-
2016		-	-	106.0	2.5	-	-	-	-	-	-
2017		104.6	-	109.7	3.5	130.2	-	130.2	-	130.2	-
2018		101.7	-2.8	109.4	-0.3	132.9	2.1	129.2	-0.8	135.9	4.4
2019		101.9	0.2	111.0	1.5	139.1	4.7	131.9	2.1	138.1	1.6
2020		102.2	0.3	112.2	1.1	133.3	-4.2	137.4	4.2	134.2	-2.8
2021		110.3	7.9	113.0	0.7	130.5	-2.1	131.2	-4.5	107.3	-20.0
2016	ST1/Q1	-	-	104.1	0.8	-	-	-	-	-	-
	ST2/Q2	-	-	105.5	2.2	-	-	-	-	-	-
	ST3/Q3	-	-	106.5	2.8	-	-	-	-	-	-
	ST4/Q4	-	-	107.8	4.1	-	-	-	-	-	-
2017	ST1/Q1	104.3	-	109.2	4.9	130.5	-	130.5	-	130.5	-
	ST2/Q2	105.0	-	109.8	4.1	130.3	-	130.3	-	130.3	-
	ST3/Q3	104.8	-	110.4	3.7	130.0	-	130.0	-	130.0	-
	ST4/Q4	104.4	-	109.3	1.4	130.0	-	130.0	-	130.0	-
2018	ST1/Q1	101.4	-2.8	107.7	-1.4	131.3	0.6	133.3	2.1	151.7	16.2
	ST2/Q2	100.7	-4.1	109.5	-0.3	128.3	-1.5	129.2	-0.8	144.6	11.0
	ST3/Q3	102.7	-2.0	110.2	-0.2	131.6	1.2	126.3	-2.8	126.0	-3.1
	ST4/Q4	102.0	-2.3	110.3	0.9	140.3	7.9	128.2	-1.4	121.4	-6.6
2019	ST1/Q1	100.9	-0.5	111.1	3.2	138.3	5.3	129.3	-3.0	130.7	-13.8
	ST2/Q2	101.5	0.8	110.6	1.0	139.3	8.6	132.8	2.8	139.7	-3.4
	ST3/Q3	103.2	0.5	110.8	0.5	139.8	6.2	133.9	6.0	145.8	15.7
	ST4/Q4	101.9	-0.1	111.7	1.3	139.1	-0.9	131.6	2.7	136.3	12.3
2020	ST1/Q1	101.4	0.5	112.8	1.5	137.3	-0.7	133.9	3.6	139.7	6.9
	ST2/Q2	101.1	-0.4	112.7	1.9	135.2	-2.9	138.7	4.4	138.5	-0.9
	ST3/Q3	102.1	-1.1	112.2	1.3	130.4	-6.7	143.8	7.4	130.8	-10.3
	ST4/Q4	104.1	2.2	111.1	-0.5	130.0	-6.5	133.1	1.1	127.7	-6.3
2021	ST1/Q1	109.0	7.5	112.5	-0.3	129.8	-5.5	130.4	-2.6	112.9	-19.2
	ST2/Q2	112.9	11.7	113.3	0.5	130.2	-3.7	132.5	-4.5	109.9	-20.6
	ST3/Q3	111.3	9.0	112.7	0.4	130.6	0.2	125.1	-13.0	103.8	-20.6
	ST4/Q4	108.1	3.8	113.4	2.1	131.3	1.0	136.9	2.9	102.4	-19.8
2022	ST1/Q1	109.3	0.3	114.9	2.1	130.9	0.8	136.1	4.4	104.6	-7.4
	ST2/Q2	108.0	-4.3	118.0	4.1	133.6	2.6	145.6	9.9	119.0	8.3
2021	Jan - Jul/July	111.3	10.1	113.0	0.3	130.0	-4.0	131.4	-3.8	111.0	-19.9
2022	Jan - Jul/July	108.6	-2.4	117.2	3.7	132.2	1.7	142.0	8.1	114.2	2.9

Tempoh Period	Kumpulan Group	292			293			301			302			303		
		Pembuatan kerangka (coachwork) untuk kendaraan bermotor; pembuatan treler dan semi treler Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers			Pembuatan alat ganti dan aksesori untuk kendaraan bermotor Manufacture of parts and accessories for motor vehicles			Pembinaan kapal dan bot Building of ships and boats			Pembuatan lokomotif keretapi dan rolling stock Manufacture of railway locomotives and rolling stock			Pembuatan kapal angkasa dan udara dan jentera berkaitan Manufacture of air and spacecraft and related machinery		
Wajaran (Weight)		0.095			1.553			0.570			0.028			0.282		
		Indeks Index	YoY %	MoM %	Indeks Index	YoY %	MoM %	Indeks Index	YoY %	MoM %	Indeks Index	YoY %	MoM %	Indeks Index	YoY %	MoM %
2019	Jan	101.7	1.1	-1.3	111.5	3.4	0.5	140.3	3.8	0.0	128.1	-4.8	0.0	121.4	-18.7	0.0
	Feb	101.5	0.5	-0.2	110.8	2.5	-0.6	137.3	8.8	-2.1	128.9	-1.5	0.6	130.8	-12.4	7.7
	Mac/Mar	99.4	-3.1	-2.1	111.0	3.4	0.2	137.3	3.5	0.0	130.9	-2.6	1.6	139.9	-10.5	7.0
	Apr	99.9	0.4	0.5	110.9	3.6	-0.1	137.3	6.8	0.0	130.7	-0.5	-0.2	136.9	-12.5	-2.1
	Mei/May	101.7	2.4	1.8	110.5	0.5	-0.4	140.3	9.5	2.2	132.9	4.0	1.7	136.9	-1.9	0.0
	Jun/June	102.9	-0.4	1.2	110.4	-0.9	-0.1	140.3	9.5	0.0	134.8	5.0	1.4	145.4	5.5	6.2
	Jul/July	102.2	-1.9	-0.7	110.6	-0.3	0.2	140.3	8.8	0.0	135.5	8.0	0.5	152.1	18.7	4.6
	Ogos/Aug	103.8	1.6	1.6	110.5	0.5	-0.1	140.1	6.8	-0.1	133.0	4.2	-1.8	140.9	9.6	-7.4
	Sept	103.6	2.0	-0.2	111.2	1.3	0.6	139.1	3.3	-0.7	133.3	6.0	0.2	144.5	19.1	2.6
	Okt/Oct	102.1	1.2	-1.4	111.4	1.1	0.2	139.1	-0.9	0.0	131.0	2.2	-1.7	133.7	10.1	-7.5
	Nov	102.3	0.3	0.2	111.6	1.6	0.2	139.1	-0.9	0.0	132.2	3.1	0.9	139.1	14.6	4.0
	Dis/Dec	101.3	-1.7	-1.0	112.1	1.0	0.4	139.1	-0.9	0.0	131.5	2.7	-0.5	136.0	12.0	-2.2
2020	Jan	99.7	-2.0	-1.6	112.3	0.7	0.2	137.8	-1.8	-0.9	131.5	2.7	0.0	139.6	15.0	2.6
	Feb	101.8	0.3	2.1	113.1	2.1	0.7	137.4	0.1	-0.3	131.5	2.0	0.0	138.1	5.6	-1.1
	Mac/Mar	102.8	3.4	1.0	113.1	1.9	0.0	136.7	-0.4	-0.5	138.7	6.0	5.5	141.4	1.1	2.4
	Apr	102.0	2.1	-0.8	112.9	1.8	-0.2	135.8	-1.1	-0.7	138.7	6.1	0.0	142.3	3.9	0.6
	Mei/May	102.6	0.9	0.6	112.5	1.8	-0.4	137.8	-1.8	1.5	138.7	4.4	0.0	135.7	-0.9	-4.6
	Jun/June	98.6	-4.2	-3.9	112.6	2.0	0.1	132.1	-5.8	-4.1	138.7	2.9	0.0	137.5	-5.4	1.3
	Jul/July	100.1	-2.1	1.5	112.2	1.4	-0.4	129.9	-7.4	-1.7	138.7	2.4	0.0	134.8	-11.4	-2.0
	Ogos/Aug	102.3	-1.4	2.2	112.2	1.5	0.0	130.4	-6.9	0.4	150.0	12.8	8.1	129.8	-7.9	-3.7
	Sept	104.0	0.4	1.7	112.1	0.8	-0.1	131.0	-5.8	0.5	142.6	7.0	-4.9	127.7	-11.6	-1.6
	Okt/Oct	103.3	1.2	-0.7	110.0	-1.3	-1.9	128.4	-7.7	-2.0	138.5	5.7	-2.9	127.3	-4.8	-0.3
	Nov	104.4	2.1	1.1	111.7	0.1	1.5	129.1	-7.2	0.5	134.6	1.8	-2.8	128.6	-7.5	1.0
	Dis/Dec	104.5	3.2	0.1	111.6	-0.4	-0.1	132.6	-4.7	2.7	126.2	-4.0	-6.2	127.3	-6.4	-1.0
2021	Jan	107.6	7.9	3.0	112.4	0.1	0.7	131.2	-4.8	-1.1	131.6	0.1	4.3	118.6	-15.0	-6.8
	Feb	109.2	7.3	1.5	112.4	-0.6	0.0	128.3	-6.6	-2.2	132.2	0.5	0.5	110.1	-20.3	-7.2
	Mac/Mar	110.2	7.2	0.9	112.6	-0.4	0.2	130.0	-4.9	1.3	127.3	-8.2	-3.7	110.0	-22.2	-0.1
	Apr	111.9	9.7	1.5	113.3	0.4	0.6	130.2	-4.1	0.2	131.2	-5.4	3.1	109.6	-23.0	-0.4
	Mei/May	113.1	10.2	1.1	113.2	0.6	-0.1	129.8	-5.8	-0.3	131.2	-5.4	0.0	109.9	-19.0	0.3
	Jun/June	113.6	15.2	0.4	113.5	0.8	0.3	130.7	-1.1	0.7	135.1	-2.6	3.0	110.3	-19.8	0.4
	Jul/July	113.8	13.7	0.2	113.4	1.1	-0.1	130.0	0.1	-0.5	131.1	-5.5	-3.0	108.5	-19.5	-1.6
	Ogos/Aug	110.7	8.2	-2.7	112.7	0.4	-0.6	130.5	0.1	0.4	120.3	-19.8	-8.2	103.6	-20.2	-4.5
	Sept	109.5	5.3	-1.1	112.0	-0.1	-0.6	131.2	0.2	0.5	123.9	-13.1	3.0	99.4	-22.2	-4.1
	Okt/Oct	109.1	5.6	-0.4	112.6	2.4	0.5	132.0	2.8	0.6	136.1	-1.7	9.8	102.4	-19.6	3.0
	Nov	108.0	3.4	-1.0	113.4	1.5	0.7	131.0	1.5	-0.8	137.3	2.0	0.9	102.2	-20.5	-0.2
	Dis/Dec	107.2	2.6	-0.7	114.2	2.3	0.7	131.0	-1.2	0.0	137.3	8.8	0.0	102.6	-19.4	0.4
2022	Jan	106.2	-1.3	-0.9	115.0	2.3	0.7	131.1	-0.1	0.1	140.1	6.5	2.0	102.8	-13.3	0.2
	Feb	109.7	0.5	3.3	114.2	1.6	-0.7	130.8	1.9	-0.2	141.3	6.9	0.9	103.0	-6.4	0.2
	Mac/Mar	112.0	1.6	2.1	115.6	2.7	1.2	130.7	0.5	-0.1	127.0	-0.2	-10.1	108.1	-1.7	5.0
	Apr	107.7	-3.8	-3.8	117.0	3.3	1.2	134.3	3.1	2.8	142.7	8.8	12.4	112.8	2.9	4.3
	Mei/May	108.7	-3.9	0.9	117.3	3.6	0.3	132.7	2.2	-1.2	145.6	11.0	2.0	119.3	8.6	5.8
	Jun/June	107.6	-5.3	-1.0	119.6	5.4	2.0	133.8	2.4	0.8	148.5	9.9	2.0	125.0	13.3	4.8
	Jul/July	108.0	-5.1	0.4	121.5	7.1	1.6	131.8	1.4	-1.5	148.5	13.3	0.0	128.7	18.6	3.0

**JADUAL
TABLE 9**

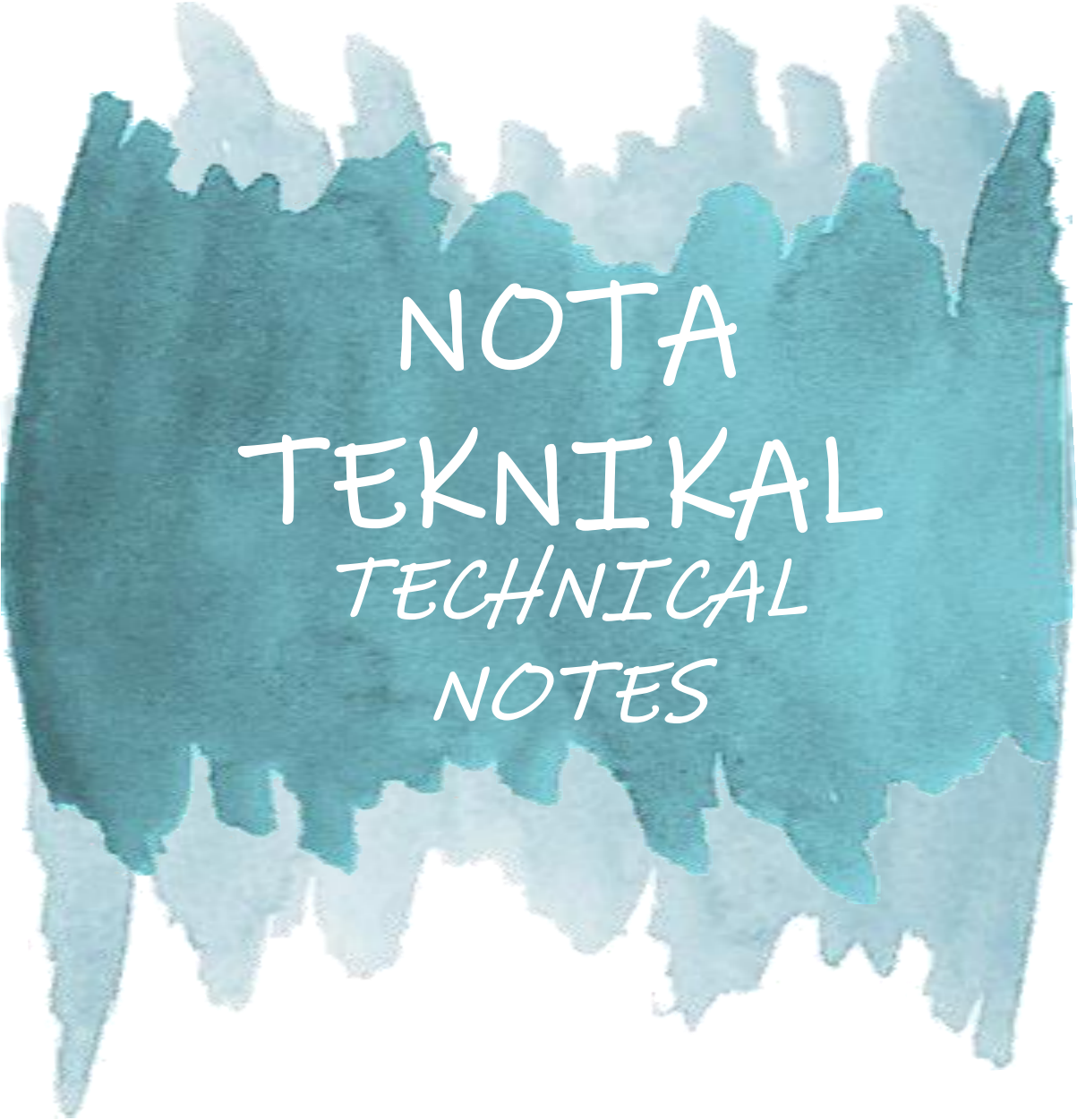
IHPR (2010=100) Pengeluaran Tempatan dan Perubahan Peratus mengikut Kumpulan (MSIC 2008), Malaysia (samb.)
PPI (2010=100) Local Production and Percentage Change by Group (MSIC 2008), Malaysia (cont'd)

Tempoh Period	Kumpulan Group	304 Pembuatan kendaraan tempur ketenteraan <i>Manufacture of military fighting vehicles</i>		309 Pembuatan kelengkapan pengangkutan t.t.t.l. <i>Manufacture of transport equipment n.e.c.</i>		310 Pembuatan perabot <i>Manufacture of furniture</i>		351 Penjanaan, penghantaran dan pengagihan tenaga elektrik <i>Electric power generation, transmission and distribution</i>		352 Pembuatan gas; pengagihan bahan api berunsur gas melalui saluran utama <i>Manufacture of gas; distribution of gaseous fuels through mains</i>		360 Penakungan, perawatan dan bekalan air <i>Water collection, treatment and supply</i>	
Wajaran (Weight)		0.144		0.380		0.947		3.237		0.205		0.330	
		Indeks Index	YoY %	Indeks Index	YoY %	Indeks Index	YoY %	Indeks Index	YoY %	Indeks Index	YoY %	Indeks Index	YoY %
2011		-	-	101.1	1.1	102.1	2.1	102.9	2.9	121.0	21.0	104.2	4.2
2012		-	-	101.5	0.4	104.1	2.0	106.4	3.4	122.2	1.0	104.1	-0.1
2013		-	-	111.6	10.0	105.1	1.0	106.9	0.5	124.2	1.6	106.6	2.4
2014		-	-	112.6	0.9	105.8	0.7	118.3	10.7	131.8	6.1	107.6	0.9
2015		-	-	113.5	0.8	108.3	2.4	112.0	-5.3	139.0	5.5	110.3	2.5
2016		-	-	114.4	0.8	107.5	-0.7	110.6	-1.3	146.2	5.2	114.2	3.5
2017		130.2	-	130.2	13.8	108.9	1.3	112.4	1.6	153.5	5.0	114.1	-0.1
2018		129.2	-0.8	121.1	-7.0	101.0	-7.3	113.4	0.9	158.2	3.1	114.4	0.3
2019		131.9	2.1	119.9	-1.0	100.2	-0.8	114.6	1.1	170.3	7.6	111.9	-2.2
2020		127.6	-3.3	119.4	-0.4	101.1	0.9	113.6	-0.9	180.0	5.7	111.7	-0.2
2021		121.2	-5.0	123.9	3.8	99.2	-1.9	112.2	-1.2	198.2	10.1	112.3	0.5
2016	ST1/Q1	-	-	113.9	-0.8	107.4	0.7	109.0	-5.2	147.2	7.7	112.9	6.2
	ST2/Q2	-	-	113.2	0.7	107.6	-0.3	109.6	-3.3	141.6	2.8	114.8	4.9
	ST3/Q3	-	-	113.9	0.6	107.6	-1.3	111.2	0.8	147.7	5.1	114.3	2.4
	ST4/Q4	-	-	116.7	2.5	107.4	-1.9	112.4	2.7	148.2	5.2	114.7	0.8
2017	ST1/Q1	130.5	-	130.5	14.6	109.0	1.5	112.4	3.1	152.7	3.7	113.2	0.3
	ST2/Q2	130.3	-	130.3	15.1	109.2	1.5	112.0	2.2	153.8	8.6	114.2	-0.5
	ST3/Q3	130.0	-	130.0	14.1	108.7	1.0	112.8	1.4	153.9	4.2	114.6	0.3
	ST4/Q4	130.0	-	130.0	11.4	108.8	1.3	112.3	-0.1	153.4	3.5	114.4	-0.3
2018	ST1/Q1	133.3	2.1	124.5	-4.6	103.7	-4.9	112.9	0.4	156.5	2.5	114.1	0.8
	ST2/Q2	129.2	-0.8	121.2	-7.0	100.3	-8.2	113.9	1.7	155.0	0.8	114.6	0.4
	ST3/Q3	126.3	-2.8	120.4	-7.4	99.9	-8.1	113.6	0.7	157.3	2.2	114.7	0.1
	ST4/Q4	128.2	-1.4	118.3	-9.0	99.9	-8.2	113.4	1.0	163.9	6.8	114.3	-0.1
2019	ST1/Q1	129.3	-3.0	118.2	-5.1	99.9	-3.7	114.4	1.3	167.5	7.0	112.3	-1.6
	ST2/Q2	132.8	2.8	121.2	0.0	100.3	0.0	115.0	1.0	169.8	9.5	112.0	-2.3
	ST3/Q3	133.9	6.0	120.0	-0.3	100.6	0.7	115.0	1.2	168.9	7.4	111.5	-2.8
	ST4/Q4	131.6	2.7	120.0	1.4	100.2	0.3	114.0	0.5	174.9	6.7	111.7	-2.3
2020	ST1/Q1	131.2	1.5	117.8	-0.3	101.2	1.3	114.8	0.3	176.8	5.6	111.5	-0.7
	ST2/Q2	129.4	-2.6	119.5	-1.4	100.3	0.0	114.2	-0.7	179.2	5.5	110.8	-1.1
	ST3/Q3	124.6	-6.9	119.1	-0.8	101.5	0.9	113.0	-1.7	178.0	5.4	111.9	0.4
	ST4/Q4	125.1	-4.9	121.3	1.1	101.4	1.2	112.3	-1.5	185.8	6.2	112.6	0.8
2021	ST1/Q1	121.8	-7.2	122.4	3.9	100.2	-1.0	111.8	-2.6	194.9	10.2	112.0	0.4
	ST2/Q2	122.6	-5.3	125.0	4.6	98.5	-1.8	112.8	-1.2	199.9	11.6	112.4	1.4
	ST3/Q3	120.6	-3.2	126.1	5.9	98.9	-2.6	112.0	-0.9	199.6	12.1	111.9	0.0
	ST4/Q4	119.9	-4.2	122.3	0.8	99.3	-2.1	112.1	-0.2	198.5	6.8	112.8	0.2
2022	ST1/Q1	119.9	-1.6	125.0	2.1	99.6	-0.6	112.2	0.4	202.0	3.6	113.6	1.4
	ST2/Q2	124.5	1.5	129.2	3.4	100.8	2.3	112.5	-0.3	203.7	1.9	114.1	1.5
2021	Jan - Jul/July	122.1	-5.8	123.9	4.4	99.2	-1.4	112.3	-1.7	197.8	11.1	112.2	1.0
2022	Jan - Jul/July	122.8	0.6	127.6	3.0	100.3	1.1	112.4	0.1	203.8	3.0	113.9	1.5

**JADUAL
TABLE**
9
IHPR (2010=100) Pengeluaran Tempatan dan Perubahan Peratus mengikut Kumpulan (MSIC 2008), Malaysia (samb.)
PPI (2010=100) Local Production and Percentage Change by Group (MSIC 2008), Malaysia (cont'd)

Tempoh Period	Kumpulan Group	304 Pembuatan kendaraan tempur ketenteraan <i>Manufacture of military fighting vehicles</i>			309 Pembuatan kelengkapan pengangkutan t.t.t.l. <i>Manufacture of transport equipment n.e.c.</i>			310 Pembuatan perabot <i>Manufacture of furniture</i>			351 Penjanaan, penghantaran dan pengagihan tenaga elektrik <i>Electric power generation, transmission and distribution</i>			352 Pembuatan gas; pengagihan bahan api berunsur gas melalui saluran utama <i>Manufacture of gas; distribution of gaseous fuels through mains</i>			360 Penakungan, perawatan dan bekalan air <i>Water collection, treatment and supply</i>		
Wajaran (Weight)		0.144			0.380			0.947			3.237			0.205			0.330		
		Indeks Index	YoY %	MoM %	Indeks Index	YoY %	MoM %	Indeks Index	YoY %	MoM %	Indeks Index	YoY %	MoM %	Indeks Index	YoY %	MoM %	Indeks Index	YoY %	MoM %
2019	Jan	128.1	-4.8	0.0	118.2	-5.4	0.0	99.8	-4.9	-0.1	113.8	1.9	0.3	166.2	6.9	0.4	113.0	-1.0	-1.7
	Feb	128.9	-1.5	0.6	118.2	-5.6	0.0	99.9	-4.1	0.1	113.4	0.3	-0.4	166.9	7.6	0.4	111.9	-2.0	-1.0
	Mac/Mar	130.9	-2.6	1.6	118.2	-4.1	0.0	99.9	-2.1	0.0	115.9	1.8	2.2	169.4	6.7	1.5	112.1	-1.7	0.2
	Apr	130.7	-0.5	-0.2	119.3	-0.5	0.9	100.2	-0.5	0.3	114.9	0.8	-0.9	169.6	10.2	0.1	112.2	-2.6	0.1
	Mei/May	132.9	4.0	1.7	122.0	1.3	2.3	100.3	-0.1	0.1	115.2	0.8	0.3	167.5	7.5	-1.2	112.0	-2.3	-0.2
	Jun/June	134.8	5.0	1.4	122.3	-0.7	0.2	100.3	0.5	0.0	114.8	1.2	-0.3	172.4	11.1	2.9	111.8	-1.8	-0.2
	Jul/July	135.5	8.0	0.5	120.0	0.0	-1.9	100.7	0.7	0.4	115.0	1.1	0.2	170.0	8.1	-1.4	111.4	-2.8	-0.4
	Ogos/Aug	133.0	4.2	-1.8	120.0	-2.4	0.0	100.7	1.1	0.0	115.8	1.8	0.7	164.2	5.1	-3.4	111.6	-2.6	0.2
	Sept	133.3	6.0	0.2	120.0	1.4	0.0	100.3	0.1	-0.4	114.3	0.8	-1.3	172.5	9.0	5.1	111.6	-2.8	0.0
	Okt/Oct	131.0	2.2	-1.7	120.0	1.4	0.0	100.0	0.0	-0.3	114.2	0.9	-0.1	171.6	6.4	-0.5	111.6	-1.8	0.0
	Nov	132.2	3.1	0.9	120.0	1.4	0.0	100.1	0.2	0.1	113.8	0.4	-0.4	170.7	3.6	-0.5	111.7	-2.3	0.1
	Dis/Dec	131.5	2.7	-0.5	120.0	1.5	0.0	100.4	0.5	0.3	114.1	0.5	0.3	182.4	10.1	6.9	111.7	-2.9	0.0
2020	Jan	132.7	3.6	0.9	117.8	-0.3	-1.8	101.1	1.3	0.7	114.5	0.6	0.4	176.8	6.4	-3.1	111.7	-1.2	0.0
	Feb	130.1	0.9	-2.0	117.9	-0.3	0.1	101.3	1.4	0.2	114.9	1.3	0.3	176.8	5.9	0.0	111.0	-0.8	-0.6
	Mac/Mar	130.9	0.0	0.6	117.7	-0.4	-0.2	101.1	1.2	-0.2	115.1	-0.7	0.2	176.8	4.4	0.0	111.8	-0.3	0.7
	Apr	131.2	0.4	0.2	118.6	-0.6	0.8	101.5	1.3	0.4	114.9	0.0	-0.2	176.8	4.2	0.0	111.1	-1.0	-0.6
	Mei/May	129.2	-2.8	-1.5	119.5	-2.0	0.8	101.1	0.8	-0.4	114.3	-0.8	-0.5	179.4	7.1	1.5	110.8	-1.1	-0.3
	Jun/June	127.8	-5.2	-1.1	120.5	-1.5	0.8	98.3	-2.0	-2.8	113.5	-1.1	-0.7	181.5	5.3	1.2	110.5	-1.2	-0.3
	Jul/July	125.4	-7.5	-1.9	119.2	-0.7	-1.1	100.0	-0.7	1.7	113.1	-1.7	-0.4	178.3	4.9	-1.8	110.7	-0.6	0.2
	Ogos/Aug	124.6	-6.3	-0.6	119.5	-0.4	0.3	101.5	0.8	1.5	113.0	-2.4	-0.1	177.0	7.8	-0.7	112.4	0.7	1.5
	Sept	123.7	-7.2	-0.7	118.6	-1.2	-0.8	103.1	2.8	1.6	112.9	-1.2	-0.1	178.7	3.6	1.0	112.7	1.0	0.3
	Okt/Oct	123.7	-5.6	0.0	120.6	0.5	1.7	102.1	2.1	-1.0	112.4	-1.6	-0.4	178.8	4.2	0.1	112.7	1.0	0.0
	Nov	125.6	-5.0	1.5	121.5	1.3	0.7	100.8	0.7	-1.3	112.9	-0.8	0.4	186.4	9.2	4.3	112.7	0.9	0.0
	Dis/Dec	125.9	-4.3	0.2	121.7	1.4	0.2	101.3	0.9	0.5	111.5	-2.3	-1.2	192.3	5.4	3.2	112.5	0.7	-0.2
2021	Jan	123.9	-6.6	-1.6	121.9	3.5	0.2	101.2	0.1	-0.1	111.4	-2.7	-0.1	192.2	8.7	-0.1	112.3	0.5	-0.2
	Feb	120.4	-7.5	-2.8	123.1	4.4	1.0	100.0	-1.3	-1.2	111.5	-3.0	0.1	196.5	11.1	2.2	111.9	0.8	-0.4
	Mac/Mar	121.1	-7.5	0.6	122.1	3.7	-0.8	99.3	-1.8	-0.7	112.5	-2.3	0.9	195.9	10.8	-0.3	111.7	-0.1	-0.2
	Apr	122.5	-6.6	1.2	125.3	5.6	2.6	98.5	-3.0	-0.8	112.7	-1.9	0.2	199.0	12.6	1.6	112.4	1.2	0.6
	Mei/May	122.1	-5.5	-0.3	124.0	3.8	-1.0	98.4	-2.7	-0.1	113.4	-0.8	0.6	200.3	11.6	0.7	112.5	1.5	0.1
	Jun/June	123.2	-3.6	0.9	125.7	4.3	1.4	98.7	0.4	0.3	112.3	-1.1	-1.0	200.3	10.4	0.0	112.3	1.6	-0.2
	Jul/July	121.6	-3.0	-1.3	125.3	5.1	-0.3	98.6	-1.4	-0.1	112.1	-0.9	-0.2	200.3	12.3	0.0	112.1	1.3	-0.2
	Ogos/Aug	121.1	-2.8	-0.4	128.3	7.4	2.4	98.8	-2.7	0.2	112.2	-0.7	0.1	199.7	12.8	-0.3	111.9	-0.4	-0.2
	Sept	119.2	-3.6	-1.6	124.6	5.1	-2.9	99.3	-3.7	0.5	111.7	-1.1	-0.4	198.8	11.2	-0.5	111.8	-0.8	-0.1
	Okt/Oct	120.0	-3.0	0.7	122.3	1.4	-1.8	99.3	-2.7	0.0	112.2	-0.2	0.4	200.0	11.9	0.6	111.9	-0.7	0.1
	Nov	119.6	-4.8	-0.3	123.4	1.6	0.9	99.3	-1.5	0.0	112.2	-0.6	0.0	194.0	4.1	-3.0	112.9	0.2	0.9
	Dis/Dec	120.1	-4.6	0.4	121.1	-0.5	-1.9	99.2	-2.1	-0.1	111.9	0.4	-0.3	201.6	4.8	3.9	113.5	0.9	0.5
2022	Jan	119.4	-3.6	-0.6	122.8	0.7	1.4	99.3	-1.9	0.1	111.9	0.4	0.0	202.0	5.1	0.2	113.7	1.2	0.2
	Feb	120.3	-0.1	0.8	126.5	2.8	3.0	99.5	-0.5	0.2	112.2	0.6	0.3	202.0	2.8	0.0	113.5	1.4	-0.2
	Mac/Mar	120.0	-0.9	-0.2	125.7	2.9	-0.6	100.0	0.7	0.5	112.4	-0.1	0.2	202.0	3.1	0.0	113.6	1.7	0.1
	Apr	122.9	0.3	2.4	128.4	2.5	2.1	100.6	2.1	0.6	113.0	0.3	0.5	205.6	3.3	1.8	113.8	1.2	0.2
	Mei/May	124.1	1.6	1.0	129.9	4.8	1.2	100.9	2.5	0.3	112.5	-0.8	-0.4	202.8	1.2	-1.4	113.9	1.2	0.1
	Jun/June	126.5	2.7	1.9	129.2	2.8	-0.5	100.9	2.2	0.0	112.0	-0.3	-0.4	202.8	1.2	0.0	114.7	2.1	0.7
	Jul/July	126.5	4.0	0.0	131.0	4.5	1.4	101.2	2.6	0.3	112.7	0.5	0.6	209.7	4.7	3.4	114.4	2.1	-0.3

Muka surat in sengaja dibiarkan kosong
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A large, irregular splash of teal and blue watercolor paint serves as a background for the text. The paint is applied in a way that creates a textured, organic shape with varying shades of teal and blue, with some lighter areas where the white background shows through.

NOTA TEKNIKAL TECHNICAL NOTES

Muka surat in sengaja dibiarkan kosong
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1. PENGENALAN

Penerbitan Indeks Harga Pengeluar (IHPR) pengeluaran tempatan merupakan penerbitan bulanan yang memaparkan statistik meliputi lima sektor utama iaitu Pertanian, perhutanan dan perikanan; Perlombongan; Pembuatan; Bekalan elektrik dan gas; dan Bekalan air. IHPR Pengeluaran Tempatan disusun berdasarkan data Survei Harga Pengeluar yang dilaksanakan pada setiap bulan. Bermula bulan rujukan Januari 2018, IHPR telah dikemaskini menggunakan “bakul” barangan tahun 2015 dengan mengekalkan tahun asas yang sama, 2010=100.

2. OBJEKTIF

Objektif utama IHPR pengeluaran tempatan adalah untuk mengukur purata perubahan harga yang dikenakan oleh pengeluar barangan dalam sesuatu industri. IHPR yang merupakan indeks berasaskan output ini juga merupakan penunjuk ekonomi makro yang digunakan bagi memantau pergerakan harga output tempatan dan sering dilihat sebagai penunjuk awalan kepada Indeks Harga Pengguna.

3. SKOP DAN LIPUTAN

IHPR meliputi lima sektor ekonomi, iaitu Pertanian, perhutanan & perikanan, Perlombongan, Pembuatan, Bekalan elektrik & gas dan Bekalan air. Indeks diterbitkan di peringkat kumpulan tiga digit, peringkat bahagian dua digit dan peringkat sektor satu digit di peringkat Malaysia.

IHPR turut disusun mengikut Peringkat Pemprosesan dan Seksyen Barangan (SITC). IHPR mengikut peringkat pemprosesan dibentuk setelah komoditi yang disusun semula dan dikelaskan mengikut peringkat pemprosesan iaitu Bahan mentah untuk diproseskan selanjutnya, Bahan perantaraan, bekalan dan komponen dan barang siap. Sementara itu, IHPR mengikut seksyen barangan meliputi 9 kumpulan iaitu Makanan, Minuman dan tembakau, Bahan mentah tidak boleh dimakan, Bahan api galian, pelincir, dll, Minyak dan lemak binatang & sayuran, Bahan kimia, Barang-barang keluaran kilang, Jentera & kelengkapan pengangkutan dan Pelbagai barang keluaran kilang.

Sejumlah 1,063 item komoditi digunakan dalam penyusunan IHPR pengeluaran tempatan.

4. KONSEP DAN DEFINISI

4.1 Klasifikasi

Klasifikasi IHPR pengeluaran tempatan mengikut industri adalah berasaskan kepada Piawai Perindustrian Malaysia (MSIC) 2008 yang selaras dengan *International Standard Industrial Classification of All Economic Activities, Revision 4 (ISIC)*. Manakala, klasifikasi IHPR mengikut seksyen barangan adalah berasaskan Piawai Penjenisan Perdagangan Antarabangsa (SITC) Pindaan 4.

4.2 Harga

Harga yang digunakan dalam pengiraan IHPR pengeluaran tempatan merujuk kepada harga yang diterima oleh pengeluar pada peringkat pertama pengkomersilan. Harga pengeluar barangan tempatan merujuk kepada harga di kilang iaitu jumlah yang diterima oleh pengeluar daripada pembeli bagi seunit barangan yang dikeluarkan. Ia tidak termasuk semua cukai tidak langsung seperti cukai eksais, cukai jualan dan cukai perkhidmatan (CJCP) dan bayaran pengangkutan yang dikenakan berasingan oleh pengeluar. Bagi barangan yang dikeluarkan, diproses atau dipasang di Malaysia, harga pengeluar merujuk kepada harga selepas ditolak diskaun dan rebet yang diberikan oleh pengilang dan tidak termasuk kos pengangkutan yang disewa serta kos pengangkutan lain antara pengeluar dan pembeli.

Kos pengangkutan bagi pertubuhan pengangkutan yang tidak menyewa perkhidmatan pengangkutan tetapi menggunakan kemudahan sendiri lazimnya merupakan sebahagian daripada kos item, dan telah diambilkira kerana sukar untuk mengasingkannya.

4.3 Wajaran

Wajaran untuk pengiraan IHPR diperoleh daripada Banci Ekonomi 2016 dan sumber data alternatif lain bagi nilai pengeluaran mulai IHPR bulan rujukan Januari 2018. Wajaran IHPR dikemaskini pada umumnya dalam tempoh lima tahun sekali. Wajaran bagi produk ditentukan berdasarkan peratus sumbangan item kepada nilai output dalam ekonomi. Wajaran IHPR mengikut MSIC dan Seksyen Barangan (SITC) adalah seperti berikut :-

Wajaran mengikut MSIC

Sektor (2005=100)	Wajaran			Sektor (2010=100)
	2005	2010	2015	
Pertanian	6.60	8.15	6.730	Pertanian, perhutanan & perikanan
Perikanan	0.81			
Perlombongan	9.83	9.67	7.927	Perlombongan
Pembuatan	80.00	78.79	81.571	Pembuatan
Bekalan elektrik, gas dan air	2.76	3.05	3.442	Bekalan elektrik dan gas
		0.34	0.330	Bekalan air
Jumlah	100.00	100.00	100.000	Jumlah

Wajaran mengikut Seksyen Barangan (SITC)

Seksyen Barangan	Wajaran	
	2010	2015
Makanan	5.71	7.454
Minuman dan tembakau	1.36	1.307
Bahan mentah tidak boleh dimakan	8.24	5.769
Bahan api galian, pelincir, dll.	24.58	21.075
Minyak dan lemak binatang dan sayuran	10.29	9.287
Bahan kimia	8.12	8.557
Barang-barang keluaran kilang	11.21	13.672
Jentera dan kelengkapan pengangkutan	25.04	25.611
Pelbagai barang keluaran kilang	5.45	7.268
Jumlah	100.00	100.000

4.4 Pemilihan Produk

Pemilihan produk bagi survei harga bulanan adalah berdasarkan sumbangan item kepada jumlah output industri tersebut. Produk yang terpilih adalah mewakili kumpulannya. Item yang dimasukkan dalam pengiraan indeks secara kolektif menyumbang lebih 85 peratus daripada jumlah output bagi industri yang dipilih.

4.5 Pemilihan Pertubuhan

Pemilihan pertubuhan adalah berdasarkan sumbangan pertubuhan tersebut kepada jumlah output bagi industri yang telah terpilih. Pertubuhan yang terpilih mewakili produk masing-masing. Pertubuhan ini secara kolektif menyumbang sekurang-kurangnya 85 peratus daripada jumlah output produk yang terpilih. Senarai pertubuhan yang terlibat dalam pengeluaran tempatan diambil daripada Banci Ekonomi 2016 dan sumber-sumber tambahan. Sampel tersebut meliputi 1,569 pertubuhan yang dipilih secara 'cut-off' daripada rangka survei pembuatan bulanan dan tahunan. Senarai pertubuhan ini dikemaskini setiap tahun untuk mengambil kira pertubuhan baru dan sebarang perubahan yang berlaku kepada pertubuhan seperti tutup, tidak beroperasi, perubahan aktiviti, lokasi kilang dan alamat pos. Pada tahun 2022, bilangan pertubuhan yang diliputi adalah sebanyak 1,193.

4.6 Pemilihan Komoditi

Kajian awal dijalankan bagi setiap item komoditi yang terpilih dengan mengenal pasti jenis produk yang laris jualannya di samping keterangan atau spesifikasi yang terperinci seperti jenama, gred, saiz dan unit ukuran bagi item yang dikeluarkan atau diimport bagi tujuan pungutan harga.

Borang survei dihantar kepada semua pertubuhan terpilih pada peringkat awal bagi mendapatkan maklumat berikut:

- (a) Jenama komoditi yang biasa dikeluarkan
- (b) Jenama komoditi yang memberikan sumbangan yang penting kepada pengeluaran syarikat
- (c) Keterangan dan spesifikasi terperinci bagi jenama yang dinyatakan di (a) dan (b)
- (d) Brosur atau katalog bagi jenama komoditi

1,063 komoditi diliputi dari 1,193 pertubuhan bagi pengeluaran tempatan setiap bulan dalam pengiraan IHPR. Komoditi ini dipilih berdasarkan kepentingannya dalam pertubuhan.

5. SUMBER DATA

Sejumlah 4,738 sebut harga dipungut setiap bulan daripada pertubuhan dan agensi kerajaan. Senarai agensi kerajaan yang diliputi survei ini adalah seperti berikut:

- Gas Malaysia Sdn Bhd
- Jabatan Bekalan Air Negeri
- Jabatan Perikanan Malaysia
- Lembaga Koko Malaysia
- Lembaga Lada Malaysia
- Lembaga Getah Malaysia
- Lembaga Minyak Sawit Malaysia
- Lembaga Pemasaran Pertanian Persekutuan
- Lembaga Perusahaan Kayu Malaysia
- Petroliaam Nasional Berhad
- Tenaga Nasional Berhad

6. KAWALAN KUALITI

Satu siri semakan dibuat bagi menentukan data harga yang diterima adalah munasabah, konsisten dan tepat. Prosedur semakan harga termasuk membuat perbandingan harga semasa dengan harga yang dilaporkan pada bulan sebelumnya bagi responden yang sama, di samping harga yang dilaporkan oleh responden lain bagi item komoditi yang sama. Harga yang menunjukkan perbezaan yang luar biasa akan dirujuk kepada responden untuk penjelasan bagi menentukan ketepatan.

Harga yang dilaporkan dalam borang akan disahkan oleh pegawai luar semasa menjalankan kerja luar dan ia akan disemak selanjutnya di ibu pejabat. Perubahan harga yang ketara akan dirujuk kepada pegawai luar untuk pengesahan. Dalam keadaan tertentu, responden akan dihubungi terus untuk penjelasan.

Data yang diterima akan disemak secara teliti sebelum tangkapan data dijalankan. Anggota di Jabatan Perangkaan Negeri diberikan latihan sekurang-kurangnya sekali dalam setahun mengenai prosedur, konsep dan definisi serta sebarang perubahan tentang spesifikasi produk dan item yang dipilih.

7. METODOLOGI PENGIRAAN INDEKS

Berkuatkuasa mulai penerbitan bulan rujukan Januari 2018, kaedah indeks rantaian Laspeyres digunakan dalam pengiraan IHPR (2010=100) dengan menggunakan Disember 2017 sebagai bulan pautan.

IHPR disusun sebagai indeks rantaian bakul tetap. Ini bermakna turutan indeks bakul tetap dirantai bersama bagi mewujudkan satu siri masa yang berterusan. Perkara ini perlu untuk mengelakkan perubahan yang tidak dijangka dalam indeks apabila pengemaskinian bakul dilakukan.

Dalam usaha untuk indeks dirantai bersama antara bakul, wajaran bagi bakul lama dan baru perlu dinyatakan pada tempoh rujukan harga yang sama. Tempoh tersebut dikenali sebagai bulan pautan. Bakul IHPR pengeluaran tempatan adalah menggunakan bakul lama (2010=100) dan produk dikemaskini wajarannya menjadi bakul baru (2015=100).

IHPR bulan rujukan dihitung menggunakan bakul baru didarabkan dengan indeks yang diterbitkan sebelumnya berdasarkan bakul lama.

$$p_{t/10}^{ch} = p_{t/15}^{baru} \times \left(\frac{p_{D17/10}^{lama}}{p_{D17/15}^{baru}} \right)$$

Di mana,

$$p_{t/10}^{ch} = \text{adalah indeks rantaian yang mengukur perubahan harga dari 2010 kepada sebarang tempoh t sehingga Disember 2017}$$

$$p_{t/15}^{baru} = \text{adalah indeks komposit siri baru yang membandingkan harga pada sebarang tempoh t kepada Disember 2017}$$

$$p_{D17/10}^{lama} = \text{adalah indeks komposit siri lama yang membandingkan harga bagi Disember 2017 kepada harga 2010}$$

$$p_{D17/15}^{baru} = \text{adalah indeks komposit siri lama yang membandingkan harga bagi Disember 2017 kepada harga 2015}$$

Dalam kes indeks rantaian, penjumlahan indeks purata berwajaran bagi kumpulan peringkat rendah atau barangan adalah tidak sepadan dengan kumpulan peringkat yang lebih tinggi (indeks rantaian tidak berdaya tambah).

8. KADAR PERUBAHAN

Kadar perubahan yang ditunjukkan oleh pergerakan harga boleh dikira menggunakan beberapa cara. Tiga kaedah pengiraan yang digunakan adalah perubahan peratus di antara bulan semasa dan bulan yang sama tahun sebelumnya (tahun ke tahun); bulan semasa dengan bulan sebelumnya (bulan ke bulan) dan perubahan peratus antara purata tahunan tahun semasa yang spesifik dengan purata tahunan yang sama ditetapkan pada tahun sebelumnya. Contoh berikut menunjukkan cara pengiraan perubahan mata indeks dan perubahan peratus.

Perubahan Mata Indeks

Indeks Harga Pengeluar 125.4

Tolak Indeks sebelumnya 124.3

Bersamaan dengan

1.1

Perubahan Peratus

Perubahan peratus indeks
dibahagi dengan indeks
sebelumnya, didarab
dengan seratus.

$$\begin{aligned} & \frac{125.4 - 124.3}{124.3} \times 100 \\ & = 0.9 \% \end{aligned}$$

9. 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 menunjukkan arah aliran dan pergerakan jangka pendek dalam siri ini.

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

10. FREKUENSI PENYUSUNAN

IHPR disusun setiap bulan manakala indeks suku tahunan dan tahunan dikira berdasarkan data siri bulanan.

11. KEPERLUAN KERAHSIAAN

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

12. SIMBOL DAN SINGKATAN

- tanda negatif
- dll dan lain-lain
- t.t.t.l tidak terkelas di tempat lain

1. INTRODUCTION

The publication of Producer Price Index (PPI) local production is a monthly publication which presents statistics covering five main sectors namely Agriculture, forestry and fishing; Mining; Manufacturing; Electricity and gas supply; and Water supply. PPI is compiled based on the data from the Producer Price Survey which is conducted on a monthly basis. Commencing in reference month of January 2018, PPI was updated using the “basket” of goods for year 2015 by maintaining the same base year, 2010=100.

2. OBJECTIVE

The main objective of PPI local production is to measures the average changes in price of commodities charged by domestic producers of an industry. The PPI, which is an output-based index, is also a macroeconomic indicator used to monitor the price movements of local outputs and is often viewed as a leading indicator of Consumer Price Index.

3. SCOPE AND COVERAGE

PPI covers the following five sectors of the economy, namely Agriculture, forestry & fishing, Mining, Manufacturing, Electricity & gas supply and Water supply. The indices are published at three-digit group level, two-digit division levels and one-digit sector level for Malaysia. PPI is also compiled by Stage of Processing and Commodity Section (SITC). PPI for local production by stage of processing is compiled by reclassifying the commodities according to the following stage of processing i.e. Crude materials for further processing, Intermediate materials, supplies and components and Finished goods. Meanwhile, PPI by commodity section covers 9 groups namely Food, Beverages & tobacco, Crude materials, inedible, Mineral fuels, lubricants, etc, Animal and vegetable oils & fats, Chemicals, Manufactured goods, Machinery & transport equipment and Miscellaneous manufactured articles.

A total of 1,063 commodity items are used in the compilation of the PPI for local production.

4. CONCEPT AND DEFINITIONS

4.1 Classification

The classification of the PPI local production by industry is based on the Malaysia Standard Industrial Classification (MSIC) 2008, which adhere to the International Standard Industrial Classification (ISIC) Rev. 4. Meanwhile, the classification of the PPI for local production by commodity section is based on the Standard International Trade Classification (SITC) Rev. 4.

4.2 Prices

This refers to prices received by the producer at the first stage of commercialisation. Producer price of local production which refers to ex-factory price is the amount receivable by the producer from the purchaser for a unit of a good produced. It excludes indirect taxes such as excise duties, sales and services tax (SST) and any transport charges invoiced separately by the producer. As for goods produced, processed or assembled in Malaysia, producer prices refer to prices which are net of discounts and rebates given by the manufacturers and net of freight by hired transport and other transport costs between producer and purchaser.

The cost of transport for establishments which do not hire transport services but utilise their own transport facilities normally forms part of the cost of the item, are included as they are difficult to segregate.

4.3 Weights

The weights for PPI calculations are obtained from the 2016 Economic Census and other alternative data sources of data for the value of production from the PPI reference month of January 2018. The PPI weights are generally updated within five years. The weight of the product is determined based on the percentage contribution of the item to the output value in the economy. The weight of the PPI according to MSIC and Commodity Sections are given as follows:

Weights by MSIC

Sector (2005=100)	Weights			Sector (2010=100)
	2005	2010	2015	
Agriculture	6.60	8.15	6.730	Agriculture, forestry and fishing
Fishing	0.81			
Mining	9.83	9.67	7.927	Mining
Manufacturing	80.00	78.79	81.571	Manufacturing
Electricity, gas and water supply	2.76	3.05	3.442	Electricity and gas supply
		0.34	0.330	Water supply
Total	100.00	100.00	100.000	Total

Weights by Commodity Section (SITC)

Commodity Section	Weights	
	2010	2015
Food	5.71	7.454
Beverages and tobacco	1.36	1.307
Crude materials, inedible	8.24	5.769
Mineral fuels, lubricants, etc.	24.58	21.075
Animal and vegetable oils and fats	10.29	9.287
Chemicals	8.12	8.557
Manufactured goods	11.21	13.672
Machinery and transport equipment	25.04	25.611
Miscellaneous manufactured articles	5.45	7.268
Total	100.00	100.000

4.4 Selection of Products

The selection of the products for the monthly producer price survey is based on their contributions to the total output of the industry. The selected items are representative of their group. The items included in the compilation of the index collectively accounted for at least 85 per cent of the total output of the industry selected.

4.5 Selection of Establishments

The selection of establishments is based on their contributions to the total output of the selected industry. The selected establishments are representative of their products. These establishments collectively accounted for at least 85 per cent of the total output of the products selected. The lists of establishments are drawn from the Economic Census 2016 as well as from other supplementary sources. The sample covers 1,569 establishments selected on a cut-off basis from the monthly and annual manufacturing frames. The list of these establishments has been updated every year to take into account new establishments and any changes in the status of the establishments such as closed down, non-operation, change in activities, factory location and postal addresses. In 2021, the number of establishments covered are 1,193.

4.6 Selection of Commodities

A preliminary survey is conducted to identify the major selling product varieties under each of the commodity item selected as well as detailed description/ specification pertaining to the brand, grade, size and unit of measurement of items produced for price collection purposes. Questionnaires are dispatched to all selected establishments at the initial stage to enquire the following information:

- (a) Regularly produced commodity brands
- (b) Commodity brands that constitute a significant share of the companies' production
- (c) Detailed descriptions and specifications of the brands stated in (a) and (b)
- (d) Brochures/catalogues of the commodity brands

1,063 commodities are covered from 1,193 establishments for local production monthly in the compilation of PPI calculation. These commodities are selected in view of their relative importance within the establishments.

5. SOURCES OF DATA

A total of 4,738 price quotations are collected on a monthly basis, from both establishments and government agencies. The list of government agencies covered by the survey are as follows:

- Gas Malaysia Sdn Bhd
- State Water Supply Department
- Department of Fisheries
- Malaysian Cocoa Board
- Malaysian Pepper Board
- Malaysian Rubber Board
- Malaysian Palm Oil Board (MPOB)
- Federal Agriculture Marketing Authority (FAMA)
- Malaysian Timber Industry Board (MTIB)
- Petroliaam Nasional Berhad (PETRONAS)
- Tenaga Nasional Berhad (TNB)

6. QUALITY CONTROL

A series of checks on the prices received are carried out to ensure their reasonableness, consistency and accuracy. The checking procedures include comparisons of prices supplied for the month against those of the previous months of the same respondents as well as with prices reported by other respondents for the same commodity items. Prices that display unusual variations are clarified with respondents to ensure the accuracy.

Prices quoted in the forms are verified on the ground by field supervisors and these are subjected to further scrutiny in the headquarters. Significant price changes are referred to the field supervisors for verifications and in certain cases, the respondents are directly contacted for clarifications.

The data are subjected to thorough checking before being captured. The staff of the Department of Statistics state office is given training at least once a year regarding procedures, concepts and definitions as well as any changes in the selected items and product specifications.

7. METHODOLOGY INDEX CALCULATION

Effective from the reference month of January 2018, Laspeyres chain index method is used in the calculation of the PPI which employs December 2017 as the link month. PPI are calculated as a chain of fixed-basket indices. This means that a sequence of fixed-basket indices has been chained together to create a continuous time series. This is necessary to avoid having breaks in an index when a basket update is performed.

In order to chain indices across baskets, weights for the old and new baskets must be expressed at the prices of a common period. This common period is called as the link month. The IHPR basket of local production is using the old basket (2010 = 100) and the product is updated with weight to become a new basket (2015 = 100).

In the month following the basket link month, price indices calculated using the new basket are multiplied by the index levels previously published for the old basket.

$$p_{t/10}^{ch} = p_{t/15}^{new} \times \left(\frac{p_{D17/10}^{previous}}{p_{D17/15}^{new}} \right)$$

Where

$$p_{t/10}^{ch} = \text{is a chain index that measures price changes from 2010 to any period until December 2017}$$

$$p_{t/D15}^{new} = \text{is a new series composite index comparing prices at any period } t \text{ to December 2017}$$

$$p_{D17/10}^{previous} = \text{Is a previous series composite index comparing prices for December 2017}$$

$$p_{D17/15}^{new} = \text{is a new series composite index comparing prices for December 2017 to 2015 prices}$$

In the case of the chain index, the weighted averages of indices of lower level groups or items do not match those of the corresponding upper level groups (the chain index has no additivity).

8. RATE OF CHANGE

A rate of change representative of movement in prices may be derived in several ways. The current method of calculating PPI use three measures of change, i.e. the percentage change between any given month and the same month a year ago (year-on-year); the current month over previous month (month-on-month) and the percentage change between annual average for the specific current year to the same fixed period on the previous year. The following example illustrates the computation of index point and percentage change.

Index Point Change		Percentage Change
Producer Price Index	125.4	Index point difference divided by the previous index, multiplied by one hundred
Less Previous Index	124.3	
Equal to	----- 1.1 -----	$= \frac{125.4 - 124.3}{124.3} \times 100$ $= 0.9 \%$

9. SEASONAL ADJUSTMENT

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

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

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

10. FREQUENCY OF COMPILATION

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

11. CONFIDENTIALITY REQUIREMENTS

The data used for the compilation of PPI 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.

12. SYMBOLS AND ABBREVIATIONS

-	<i>negative sign</i>
etc	<i>et cetera</i>
n.e.c	<i>not elsewhere classified</i>

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