



KEMENTERIAN EKONOMI
JABATAN PERANGKAAN MALAYSIA

ANALISIS INDEKS HARGA PENGELUAR TAHUNAN

ANALYSIS OF ANNUAL PRODUCER PRICE INDEX

2024

Pemakluman:

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

Malaysia buat julung kalinya telah menduduki tangga pertama (1) di peringkat global dalam laporan dwi-tahunan *Open Data Inventory* (ODIN) 2024/25 yang dikeluarkan oleh *Open Data Watch* (ODW), mengatasi 198 negara lain. Pencapaian ini merupakan lonjakan ketara daripada kedudukan ke-67 dalam penilaian ODIN 2022/23.

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

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

Announcement :

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

Malaysia, for the first time, ranked as number one (1) globally in the biennial Open Data Inventory (ODIN) 2024/25 report released by Open Data Watch (ODW), surpassing 198 other countries. This achievement marks a significant leap from its 67th position in the ODIN 2022/23 assessment.

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

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

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“Sumber: Jabatan Perangkaan Malaysia”

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KATA PENGANTAR

Analisis Indeks Harga Pengeluar Tahunan 2024 diterbitkan oleh Jabatan Perangkaan Malaysia (DOSM) yang memaparkan statistik tahunan bagi siri masa 2011 hingga 2024 merangkumi dua statistik utama iaitu Indeks Harga Pengeluar (IHPR) Pengeluaran Tempatan dan Indeks Harga Pengeluar Perkhidmatan (IHPRP).

Penyusunan statistik IHPR Pengeluaran Tempatan adalah berdasarkan konsep dan garis panduan daripada *Producer Price Index Manual: Theory and Practice, 2004* yang diterbitkan oleh *International Monetary Fund* (IMF), manakala IHPRP pula merujuk kepada *Methodological Guide for Developing Producer Price Indices for Services* yang diterbitkan oleh *Organisation for Economic Co-operation & Development* (OECD), Eurostat dan joint Eurostat-OECD Task Force.

IHPR Pengeluaran Tempatan mengukur purata perubahan harga barangan di peringkat pengeluar yang dikenakan oleh pengeluar tempatan dalam sesuatu industri. Indeks ini merangkumi lima sektor iaitu Pertanian, perhutanan & perikanan; Perlombongan; Pembuatan; Bekalan elektrik & gas dan Bekalan air. Manakala IHPRP mengukur perubahan harga yang dikenakan oleh industri perkhidmatan tempatan. Indeks ini merangkumi lapar subsektor perkhidmatan terpilih iaitu Pengangkutan; Penginapan dan aktiviti perkhidmatan makanan & minuman; Maklumat & komunikasi; Aktiviti hartanah; Profesional; Pendidikan; Kesihatan dan Kesenian, hiburan & rekreasi.

Setiap bahagian dalam penerbitan ini dilengkapi dengan infografik, ringkasan penemuan, jadual statistik dan nota teknikal yang menerangkan konsep dan definisi bagi membantu pengguna memahami statistik yang dikeluarkan.

Jabatan merakamkan setinggi-tinggi penghargaan atas kerjasama dan sumbangan yang diberikan oleh semua pihak dalam menjayakan penerbitan ini. Maklum balas dan cadangan untuk penambahbaikan pada masa akan datang amat dihargai.

DATO' SRI DR. MOHD UZIR MAHIDIN

Ketua Perangkawan Malaysia

Julai 2025



PREFACE

The Analysis of Annual Producer Price Index, 2024 published by the Department of Statistics Malaysia (DOSM) which presents annual statistics for the time series of 2011 to 2024 includes main statistics, namely Producer Price Index (PPI) Local Production and Services Producer Price Index (SPPI).

The statistics compilation of PPI Local Production is based on concepts and guidelines from the Producer Price Index Manual: Theory and Practice, 2004 published by the International Monetary Fund (IMF), while the SPPI refers to the Methodological Guide for Developing Producer Price Indices for Services published by the Organisation for Economic Co-operation & Development (OECD), Eurostat and a joint Eurostat-OECD Task Force.

PPI Local Production measures the average price changes of goods at the producer level charged by local producers in the industry. The index covers five sectors: Agriculture, forestry & fishing; Mining; Manufacturing; Electricity & gas supply and Water supply. Meanwhile, SPPI measures changes in prices charged by the local services industry. The index covers eight selected services sub-sectors, namely Transportation; Accommodation and food & beverage service activities; Information & communication; Real estate activities; Professional; Education; Health and Arts, entertainment & recreation.

Each section in this publication is provided with infographics, summary of findings, statistical tables and technical notes that explain the concepts and definitions to assist users in understanding the published statistics.

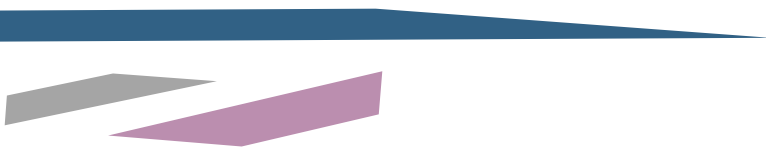
The Department gratefully acknowledges the cooperation and contribution rendered by all parties in making this publication a success. The feedback and suggestion to improve in the future are highly appreciated.

DATO' SRI DR. MOHD UZIR MAHIDIN

Chief Statistician Malaysia

July 2025





INDEKS HARGA PENGELUAR (IHPR) PENGELUARAN TEMPATAN

***PRODUCER PRICE INDEX (PPI)
LOCAL PRODUCTION***



KANDUNGAN

CONTENTS

INDEKS HARGA PENGELUAR PENGELUARAN TEMPATAN *PRODUCER PRICE INDEX LOCAL PRODUCTION*

1	Sepintas Lalu <i>Snapshot</i>	3 4
2	Ringkasan Penemuan <i>Summary of Findings</i>	7 30
3	Rencana 1 <i>Article 1</i>	17 40
4	Rencana 2 <i>Article 2</i>	24 47
5	Jadual IHPR <i>PPI Tables</i>	77 77
6	Nota Teknikal <i>Technical Notes</i>	107 116

SENARAI JADUAL

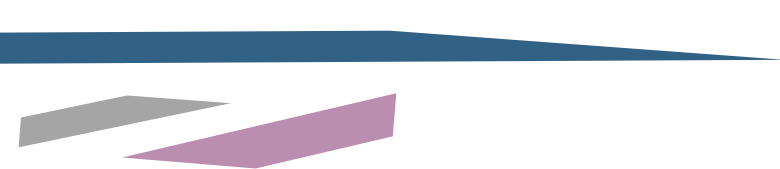
LIST OF TABLES

INDEKS HARGA PENGELUAR PENGELUARAN TEMPATAN PRODUCER PRICE INDEX LOCAL PRODUCTION

Jadual
Table

Muka Surat
Page

1	Indeks Harga Pengeluar (IHPR) Pengeluaran Tempatan mengikut Sektor (MSIC 2008), Seksyen Barangan (SITC 4.0) dan Peringkat Pemprosesan, Malaysia, 2011-2024 <i>Producer Price Index (PPI) Local Production by Sector (MSIC 2008), Commodity Section (SITC 4.0) and Stage of Processing, Malaysia, 2011-2024</i>	77
2	Perubahan Peratus Tahunan IHPR Pengeluaran Tempatan mengikut Sektor (MSIC 2008), Seksyen Barangan (SITC 4.0) dan Peringkat Pemprosesan, Malaysia, 2011-2024 <i>Annual Percentage Change of PPI Local Production by Sector (MSIC 2008), Commodity Section (SITC 4.0) and Stage of Processing, Malaysia, 2011-2024</i>	78
3	Indeks Harga Pengeluar (IHPR) Pengeluaran Tempatan mengikut Sektor, Bahagian dan Kumpulan (MSIC 2008), Malaysia, 2011-2024 <i>Producer Price Index (PPI) Local Production by Sector, Division and Group (MSIC 2008), Malaysia, 2011-2024</i>	79
4	Perubahan Peratus Tahunan IHPR Pengeluaran Tempatan mengikut Sektor, Bahagian dan Kumpulan (MSIC 2008), Malaysia, 2011-2024 <i>Annual Percentage Change of PPI Local Production by Sector, Division and Group (MSIC 2008), Malaysia, 2011-2024</i>	85
5	Indeks Harga Pengeluar (IHPR) Pengeluaran Tempatan mengikut Peringkat Pemprosesan, Malaysia, 2011-2024 <i>Producer Price Index (PPI) Local Production by Stage of Processing, Malaysia, 2011-2024</i>	91
6	Perubahan Peratus Tahunan IHPR Pengeluaran Tempatan mengikut Peringkat Pemprosesan, Malaysia, 2011-2024 <i>Annual Percentage Change of PPI Local Production by Stage of Processing, Malaysia, 2011-2024</i>	93
7	Indeks Harga Pengeluar (IHPR) Ekonomi Domestik mengikut Sektor (MSIC 2008) dan Seksyen Barangan (SITC 4.0), Malaysia, 2011-2024 <i>Producer Price Index (PPI) Domestic Economy by Sector (MSIC 2008) and Commodity Section (SITC 4.0), Malaysia, 2011-2024</i>	95
8	Perubahan Peratus Tahunan IHPR Ekonomi Domestik mengikut Sektor (MSIC 2008) dan Seksyen Barangan (SITC 4.0), Malaysia, 2011-2024 <i>Annual Percentage Change of PPI Domestic Economy by Sector (MSIC 2008) and Commodity Section (SITC 4.0), Malaysia, 2011-2024</i>	96



SEPINTAS LALU IHPR

*SNAPSHOT
PPI*





KEMENTERIAN EKONOMI
JABATAN PERANGKAIAN MALAYSIA

INDEKS HARGA PENGELUAR PENGELUARAN TEMPATAN 2024

Indeks Harga Pengeluar (IHPR)
Pengeluaran Tempatan meningkat
0.3 peratus pada 2024

2022

7.8%

2023

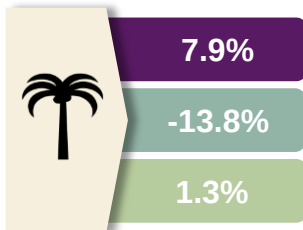
-1.9%

2024

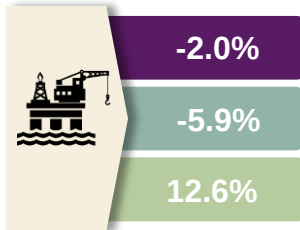
0.3%

IHPR MENGIKUT SEKTOR

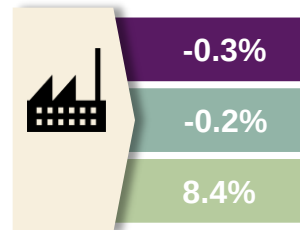
Pertanian, perhutanan & perikanan



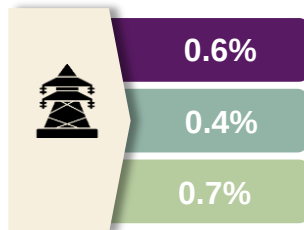
Perlombongan



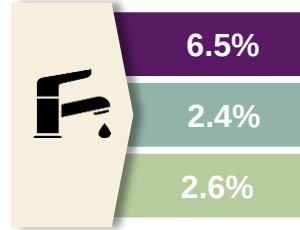
Pembuatan



Bekalan elektrik & gas



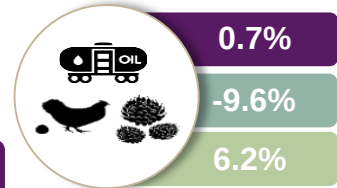
Bekalan air



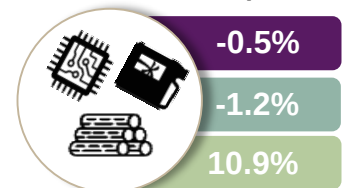
Nota :
■ 2024
■ 2023
■ 2022

IHPR MENGIKUT PERINGKAT PEMROSESAN

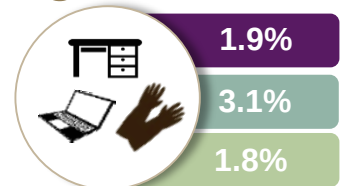
1 Bahan mentah untuk
diproseskan selanjutnya



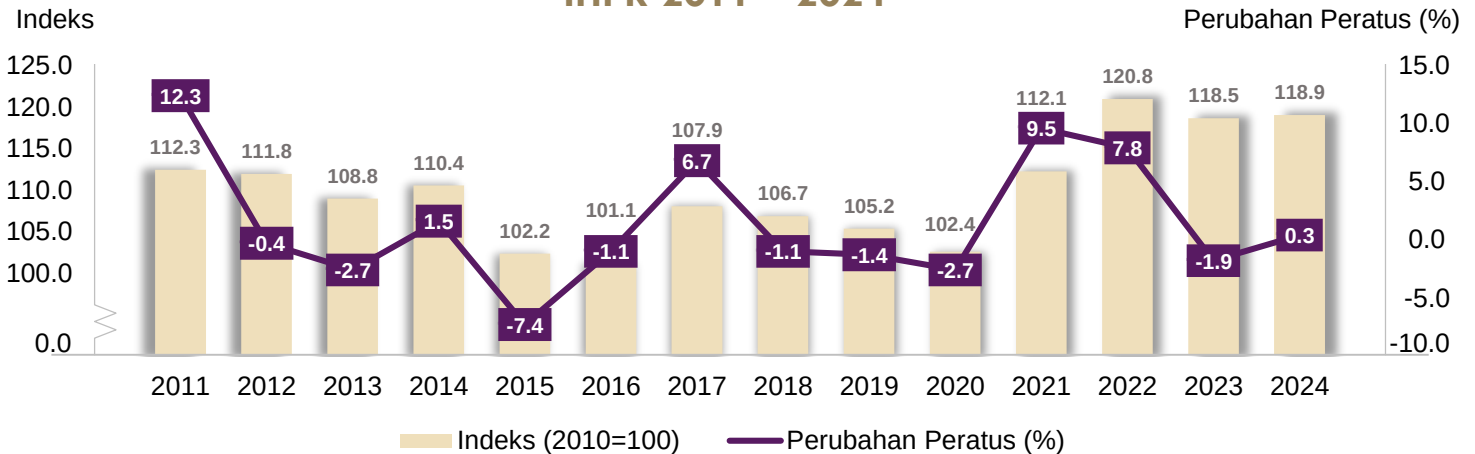
2 Bahan perantaraan,
bekalan & komponen



3 Barang siap



IHPR 2011 – 2024



Sumber: Analisis Indeks Harga Pengeluar Tahunan 2024, Jabatan Perangkaan Malaysia (DOSM)



@StatsMalaysia



20 Oktober 2016 - 2030



MINISTRY OF ECONOMY
DEPARTMENT OF STATISTICS MALAYSIA

PRODUCER PRICE INDEX LOCAL PRODUCTION 2024

Producer Price Index (PPI)
Local Production increased by
0.3 per cent in 2024

2022

7.8%

2023

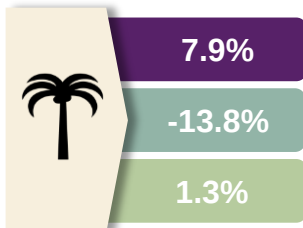
-1.9%

2024

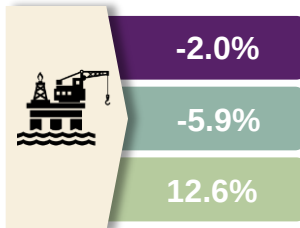
0.3%

PPI BY SECTOR

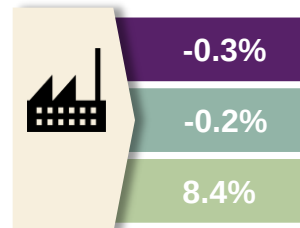
Agriculture, forestry & fishing



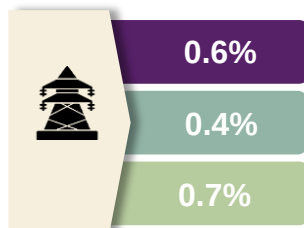
Mining



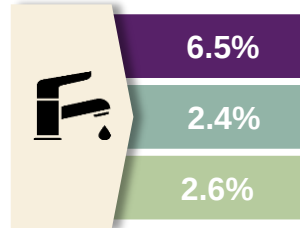
Manufacturing



Electricity & gas supply



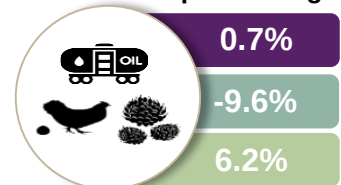
Water supply



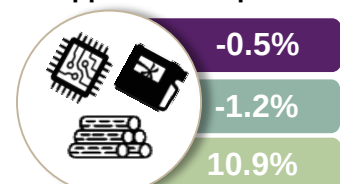
Note :
■ 2024
■ 2023
■ 2022

PPI BY STAGE OF PROCESSING

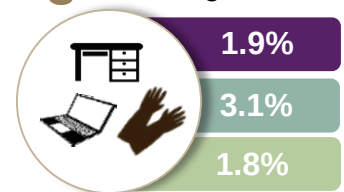
1 Crude materials for further processing



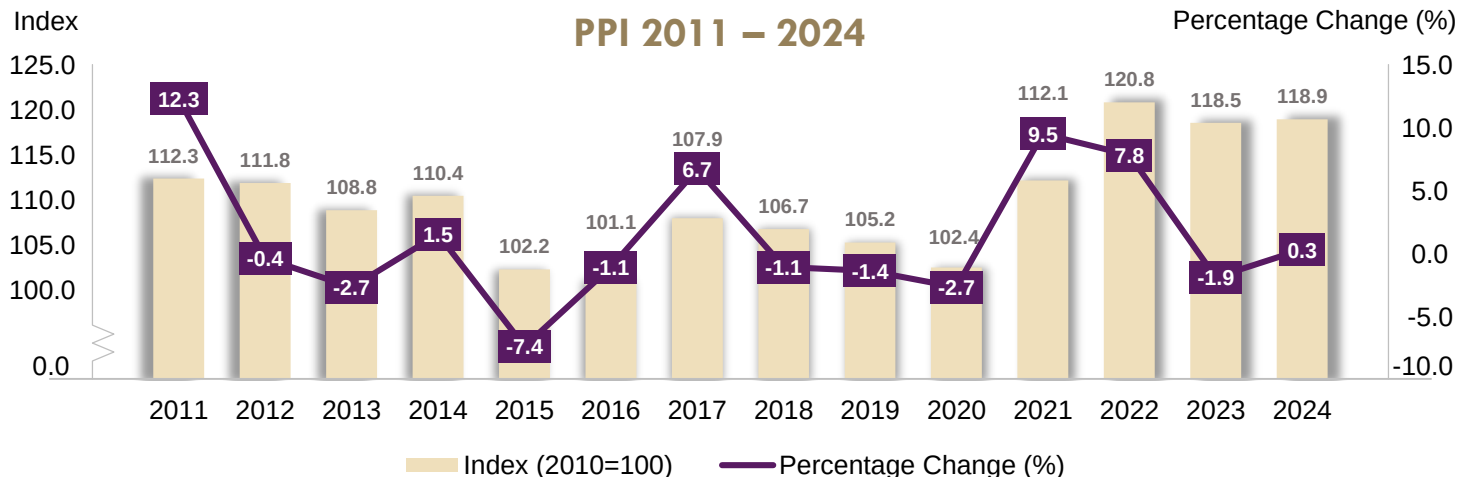
2 Intermediate materials, supplies & components



3 Finished goods



PPI 2011 – 2024

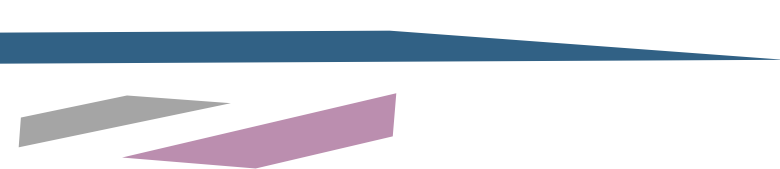


Source: Analysis of Annual Producer Price Index 2024, Department of Statistics Malaysia (DOSM)



@StatsMalaysia





RINGKASAN PENEMUAN IHPR

***SUMMARY OF
FINDINGS
PPI***



Pengenalan

Pertumbuhan ekonomi global kekal mampan pada kadar 3.2 peratus pada 2024 (2023: 3.3%), didorong oleh permintaan domestik serta pemulihan perdagangan global¹. Menurut Tabung Kewangan Antarabangsa (IMF), pertumbuhan dijangka kekal stabil pada 3.3 peratus pada 2025, disokong oleh pertumbuhan sederhana dalam perdagangan dan pelaburan².

Ekonomi Malaysia berkembang 5.1 peratus, meningkat daripada 3.5 peratus pada tahun sebelumnya, didorong terutamanya oleh permintaan domestik yang kukuh¹. Sorotan utama adalah kitaran pelaburan yang semakin meningkat, dengan pertumbuhan pelaburan yang kukuh, hasil pelaksanaan projek berskala besar dalam sektor elektrik dan elektronik (E&E) serta teknologi maklumat dan komunikasi (ICT). Perbelanjaan isi rumah kekal teguh, disokong oleh keadaan pasaran buruh yang memberangsangkan, peningkatan kekayaan, dan intervensi dasar yang berkesan oleh Kerajaan.

Menjelang 2025, pertumbuhan ekonomi Malaysia dijangka berada dalam julat antara 4.5 peratus hingga 5.5 peratus³. Unjuran ini disokong oleh sektor luaran yang berdaya tahan, diperkukuh oleh pemulihan perdagangan global dan permintaan berterusan terhadap produk E&E, dengan Malaysia berada pada kedudukan strategik dalam rantai bekalan semikonduktor global. Pada masa yang sama, permintaan domestik dijangka kekal sebagai pemacu utama pertumbuhan, terutamanya melalui perbelanjaan sektor swasta dan pelaksanaan berterusan pelan pembangunan serta reformasi nasional yang strategik.

Inflasi utama global mereda pada 2024, sebahagian besarnya didorong oleh penurunan harga komoditi dan penambahbaikan dalam rantai bekalan global¹. Harga minyak mentah menunjukkan trend penurunan sepanjang tahun, dipengaruhi oleh permintaan yang lebih lemah daripada jangkaan dari China serta peningkatan pengeluaran daripada negara pengeluar bukan OPEC, terutamanya Amerika Syarikat.

Walaupun ekonomi maju terus berada di landasan yang stabil, inflasi pasaran sedang pesat membangun kekal sederhana dan di bawah purata sebelumnya. Inflasi Malaysia dijangka kekal terkawal pada 2025³, disokong oleh harga komoditi global yang mereda, pengeluaran domestik yang stabil, serta penambahbaikan berterusan dalam rantai bekalan global.

¹ Merujuk kepada *Economic and Monetary Review 2024* oleh Bank Negara Malaysia, Mac 2025

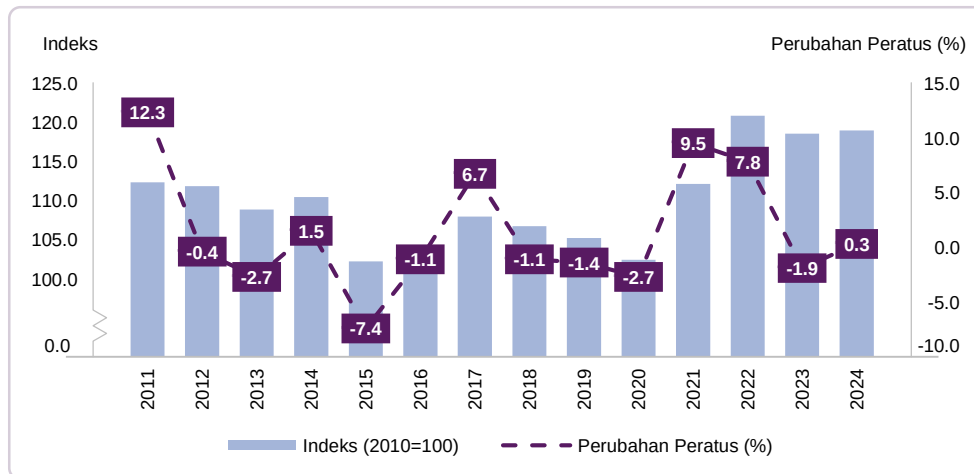
² Merujuk kepada IMF, *World Economic Outlook, April 2025* dan *Economic Outlook 2025* oleh MOF

³ Merujuk kepada *Economic Outlook 2025* oleh MOF

Indeks Harga Pengeluar Keseluruhan 2024

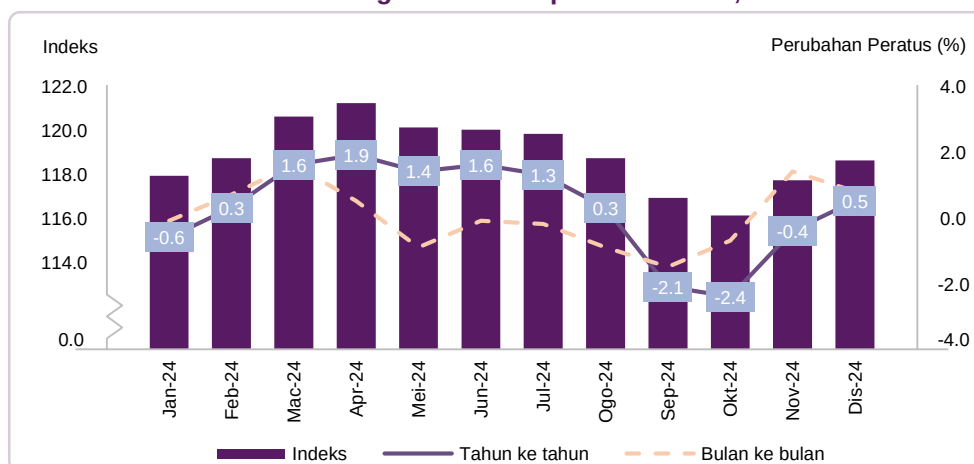
Indeks Harga Pengeluar (IHPR) Pengeluaran Tempatan meningkat 0.3 peratus pada 2024, daripada penurunan sebanyak 1.9 peratus pada 2023. Harga komoditi kekal sangat tidak menentu sepanjang tahun, terutamanya bagi produk petroleum, sekali gus menyumbang kepada ketidaktentuan pasaran. **[Carta 1]**

Carta 1: IHPR Pengeluaran Tempatan Tahunan, 2011 – 2024



Tahun 2024 bermula dengan penurunan sebanyak 0.6 peratus pada Januari 2024, diikuti dengan momentum positif yang berterusan. Indeks mencatatkan peningkatan bulanan berturut-turut dari Februari (0.3%) hingga Ogos 2024 (0.3%). Walau bagaimanapun, ia kemudiannya menurun selama tiga bulan berturut-turut sebelum kembali meningkat 0.5 peratus pada Disember 2024. Paras terendah dicatatkan pada Oktober 2024 iaitu negatif 2.4 peratus, manakala paras tertinggi dicatatkan pada April 2024 iaitu 1.9 peratus. Turun naik IHPR sepanjang tahun ini banyak dipengaruhi oleh pergerakan harga komoditi utama, khususnya produk minyak sawit dan minyak mentah. **[Carta 2]**

Carta 2: IHPR Pengeluaran Tempatan Bulanan, 2024



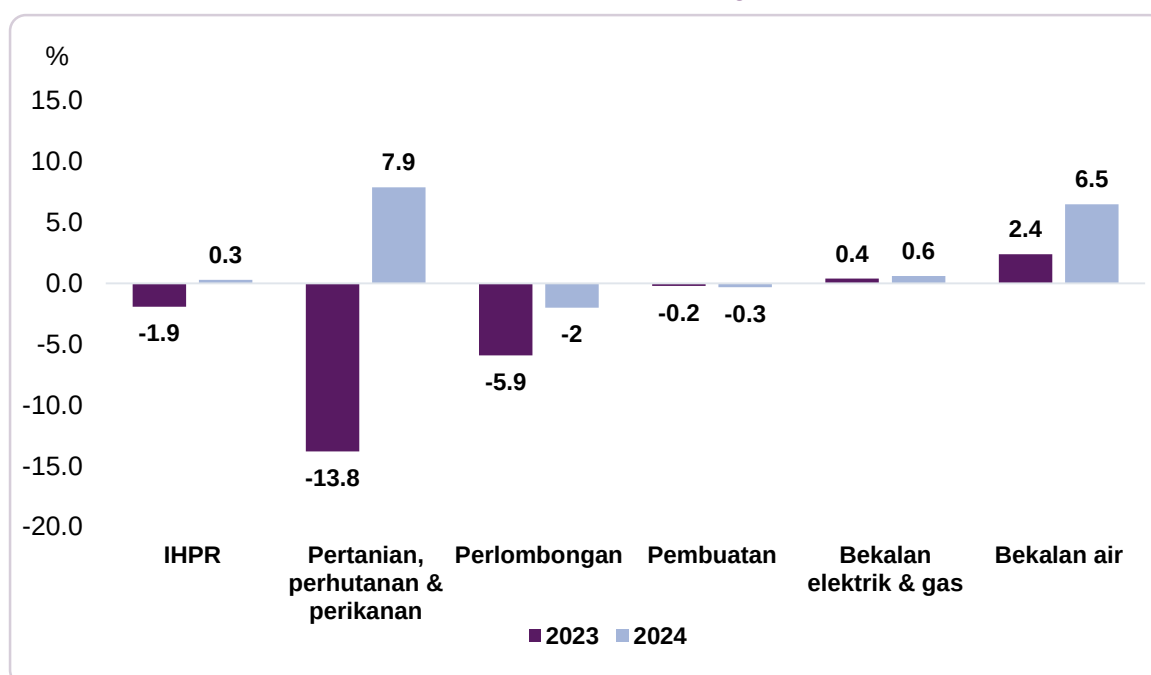
Indeks Harga Pengeluar mengikut Sektor

IHPR Pengeluaran Tempatan meningkat 0.3 peratus pada 2024, berbanding penurunan 1.9 peratus pada 2023. Peningkatan ini didorong terutamanya peningkatan 7.9 peratus dalam sektor Pertanian, perhutanan & perikanan, selepas mencatatkan penyusutan ketara 13.8 peratus pada tahun sebelumnya. Sektor utiliti juga kekal positif, dengan indeks bagi Bekalan elektrik & gas serta Bekalan air masing-masing meningkat sebanyak 0.6 peratus dan 6.5 peratus. Sementara itu, sektor Perlombongan mencatatkan penurunan 2.0 peratus, namun ini merupakan peningkatan kecil berbanding penurunan 5.9 peratus yang direkodkan pada 2023. Sektor Pembuatan pula mencatatkan penurunan perlahan 0.3 peratus pada 2024, berbanding penurunan 0.2 peratus pada tahun sebelumnya. **[Jadual 1]**

Jadual 1: IHPR mengikut Sektor, 2023 dan 2024

Sektor	Indeks		Perubahan Peratus (%)	
	2023	2024	2023	2024
Jumlah	118.5	118.9	-1.9	0.3
Pertanian, perhutanan & perikanan	124.8	134.7	-13.8	7.9
Perlombongan	98.1	96.1	-5.9	-2.0
Pembuatan	120.5	120.1	-0.2	-0.3
Bekalan elektrik & gas	117.9	118.6	0.4	0.6
Bekalan air	118.0	125.7	2.4	6.5

Carta 3: Perubahan Peratus Tahunan IHPR mengikut Sektor, 2023 dan 2024



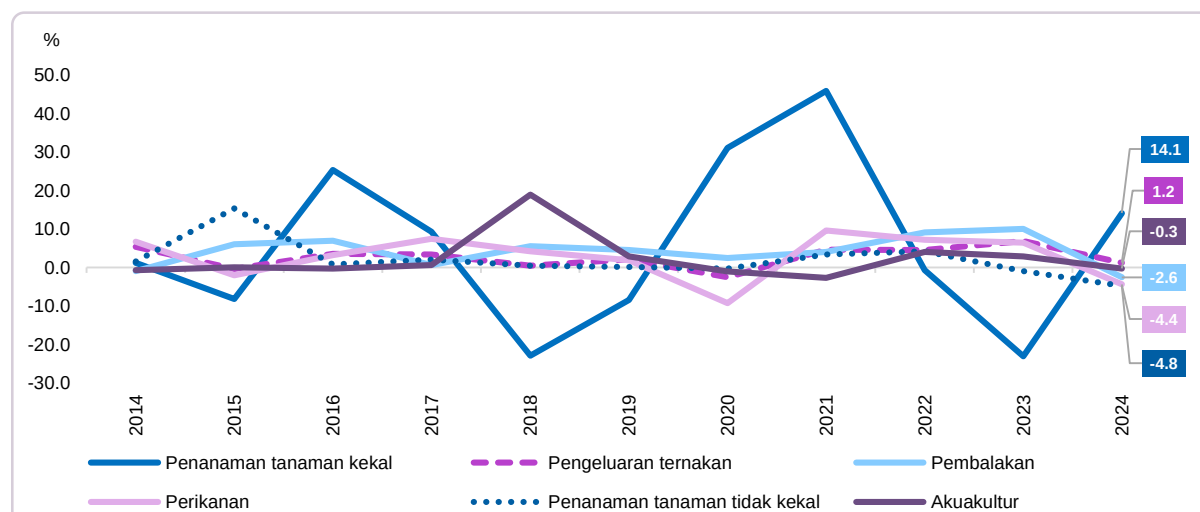
A Pertanian, Perhutanan & Perikanan

Sektor Pertanian, perhutanan & perikanan mencatatkan peningkatan 7.9 peratus pada 2024, berbanding penurunan dua angka sebanyak 13.8 peratus pada 2023. Peningkatan ini didorong terutamanya oleh indeks Penanaman tanaman kekal yang melonjak sebanyak 14.1 peratus (2023: -23.1%), sebahagian besarnya disebabkan oleh indeks Buah Tandan Segar (BTS) kelapa sawit (-14.0%). Indeks Pengeluaran ternakan juga turut mencatatkan peningkatan sederhana sebanyak 1.2 peratus, berbanding kenaikan 6.8 peratus pada tahun sebelumnya. Sebaliknya, subsektor lain mencatatkan penurunan pada 2024: Penanaman tanaman (4.8%), Perikanan (4.4%), Pembalakan (2.6%) dan Akuakultur (-0.3%). **[Jadual 2]**

Jadual 2: Sektor Pertanian, Perhutanan & Perikanan, 2023 dan 2024

Sektor (A)	Indeks		Perubahan Peratus (%)	
	2023	2024	2023	2024
Pertanian, perhutanan & perikanan	124.8	134.7	-13.8	7.9
Penanaman tanaman tidak kekal	142.7	135.8	-1.0	-4.8
Penanaman tanaman kekal	111.6	127.3	-23.1	14.1
Pengeluaran ternakan	140.6	142.3	6.8	1.2
Pembalakan	181.9	177.2	10.0	-2.6
Perikanan	165.3	158.1	6.4	-4.4
Akuakultur	140.8	140.4	2.8	-0.3

Carta 4: Perubahan Peratus Tahunan Sektor Pertanian, Perhutanan & Perikanan, 2014 – 2024



Secara purata, harga BTS kelapa sawit dengan kadar perahan minyak, (OER) 1.0 peratus meningkat daripada RM39.60 pada 2023 kepada RM45.00 pada 2024. Walau bagaimanapun, Kadar Perahan Minyak (OER) menurun sebanyak 1.0 peratus, iaitu kepada 19.7 peratus berbanding 19.9 peratus pada tahun 2023⁴. Penurunan ini sebahagian besarnya disebabkan oleh kadar pemprosesan BTS yang kurang matang dan berkualiti tinggi oleh kilang kelapa sawit. Selain itu, keadaan cuaca buruk, khususnya hujan lebat pada bulan Jun, Julai dan suku terakhir 2024 telah menyebabkan banjir di beberapa kawasan, sekali gus menjejaskan aktiviti penuaian dan menyumbang kepada peningkatan harga BTS.

Sementara itu, pemerhatian terhadap harga ladang bagi hasil pertanian di Malaysia pada 2024 sederhana di beberapa kawasan. Trend ini dipacu oleh pertumbuhan pengeluaran yang sederhana dan penambahbaikan logistik pasca musim tengkujuh, khususnya selepas kejadian hujan lebat pada awal tahun⁵. Tiada lonjakan harga yang ketara direkodkan, menunjukkan harga di peringkat ladang adalah stabil. Namun begitu, perbandingan tahun ke tahun menunjukkan bahawa harga ladang durian menurun pada awal hingga pertengahan 2024, mencerminkan tekanan persaingan yang semakin meningkat daripada negara pengeluar utama lain seperti Thailand dan Viet Nam.

Indeks Perikanan, yang merangkumi ikan segar dan makanan laut segar, menurun sebanyak 4.4 peratus pada 2024, berbanding peningkatan 6.4 peratus pada 2023. Penurunan ini disebabkan oleh lambakan bekalan udang laut yang melebihi permintaan pasaran, sekali gus menyebabkan penurunan harga. Selain itu, pihak berkuasa seperti Lembaga Kemajuan Ikan Malaysia (LKIM) telah giat mengimport ikan dan mengekalkan stok penimbal bagi menstabilkan harga semasa tempoh kekurangan bekalan domestik⁶. Indeks Akuakultur juga mencatatkan penurunan perlahan 0.3 peratus, selepas mencatatkan kenaikan 2.8 peratus pada tahun sebelumnya.

⁴ Merujuk kepada *Overview of The Malaysian Oil Palm Industry in 2024* oleh Lembaga Minyak Sawit Malaysia

⁵ Merujuk kepada [producereport.com](https://www.producereport.com)

⁶ Merujuk kepada [malaymail.com](https://www.malaymail.com) 'Fisheries authority confirms no monsoon fish shortage, cautions traders against price hikes', Oktober 2024

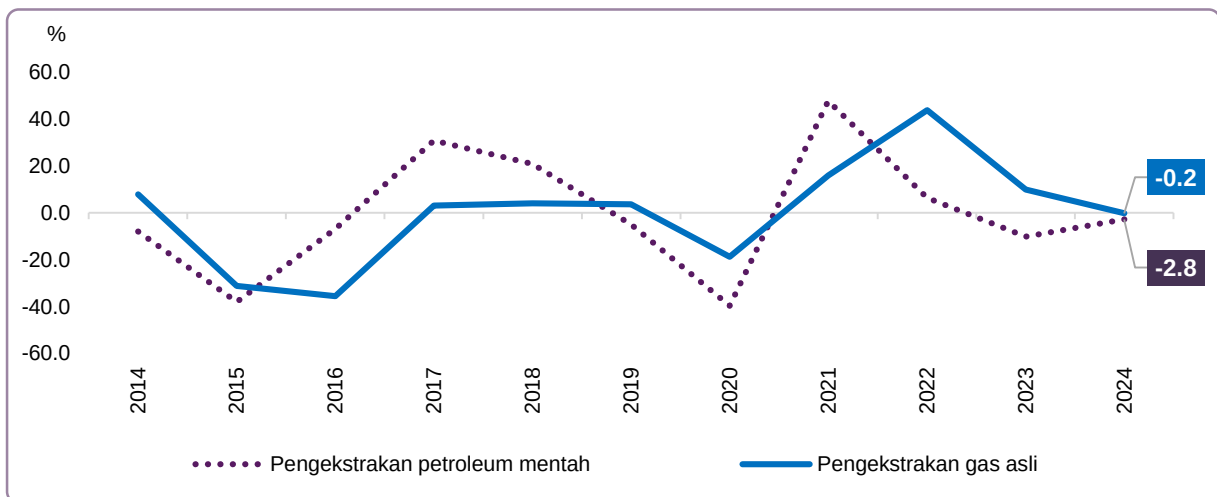
B Perlombongan

Sektor Perlombongan terus mencatatkan penurunan sebanyak 2.0 peratus, berbanding penyusutan 5.9 peratus pada tahun sebelumnya. Indeks Pengekstrakan petroleum mentah turun 2.8 peratus, berbanding penurunan 10.1 peratus pada 2023. Sementara itu, indeks Pengekstrakan gas asli mencatatkan penurunan perlahan 0.2 peratus, selepas peningkatan 9.9 peratus yang direkodkan pada tahun sebelumnya. **[Jadual 3]**

Jadual 3: Sektor Perlombongan, 2023 dan 2024

Sektor (B)	Indeks		Perubahan Peratus (%)	
	2023	2024	2023	2024
Perlombongan	98.1	96.1	-5.9	-2.0
Pengekstrakan petroleum mentah	94.5	91.9	-10.1	-2.8
Pengekstrakan gas asli	116.4	116.2	9.9	-0.2

Carta 5: Perubahan Peratus Tahunan Sektor Perlombongan, 2014 – 2024



Harga purata minyak mentah Brent ialah USD80 setong pada 2024, menurun sedikit sebanyak USD3 berbanding USD83 setong pada 2023. Penurunan ini didorong terutamanya oleh pertumbuhan pengeluaran minyak global yang kukuh, yang mengatasi pertumbuhan permintaan yang lebih perlahan, sekali gus memberi tekanan menurun terhadap harga. Namun begitu, ketegangan geopolitik yang meningkat serta pemotongan pengeluaran secara sukarela oleh ahli OPEC+ telah membantu menyokong harga. Kedua-dua faktor yang bertentangan ini menyebabkan harga minyak diniagakan dalam julat yang agak kecil sepanjang tahun⁷.

⁷ Merujuk kepada *U.S Energy Information Administration*, Januari 2025

Pada suku pertama 2024, harga minyak mentah Brent kekal relatif kukuh, banyak dipengaruhi oleh ketegangan geopolitik yang semakin memuncak akibat konflik yang berlarutan di Timur Tengah. Menurut *U.S Energy Information Administration* juga, walaupun pertempuran antara Israel dan Hamas tidak secara langsung menjejaskan bekalan minyak di rantau tersebut, konflik yang lebih meluas telah meningkatkan kebimbangan terhadap gangguan bekalan, sekali gus menyumbang kepada tekanan kenaikan harga.

Harga purata Brent mencapai paras tertinggi tahunan pada bulan April, ditutup pada USD91 setong. Namun, harga menunjukkan trend penurunan secara umum sepanjang 2024. Kenaikan harga secara sementara berlaku pada bulan Jun dan September, disokong oleh keputusan OPEC+ untuk menangguhkan rancangan peningkatan pengeluaran, yang telah meningkatkan sentimen pasaran buat sementara waktu.

Sementara itu, pada suku ketiga tahun 2024, harga minyak mentah Brent mereda kepada USD80 setong, turun daripada USD85 setong pada suku kedua. Penurunan ini disebabkan oleh peningkatan bekalan daripada OPEC+ dan permintaan yang lemah dari China. Pada awal September 2024, harga menurun kepada USD74 setong, iaitu paras terendah bagi tahun tersebut dan mencatatkan penurunan buat pertama kali sejak akhir tahun 2021. Sepanjang suku keempat 2024, harga kekal lemah, berlegar sekitar USD73 setong.

Pembuatan

Sektor Pembuatan terus mencatatkan penurunan perlahan 0.3 peratus pada 2024, selepas penurunan 0.2 peratus pada tahun sebelumnya. Ini didorong oleh penurunan ketara dalam indeks Pembuatan kok dan produk petroleum bertapis yang merosot dua angka 12.7 peratus (2023: -5.4%). Indeks Pembuatan kimia & produk kimia juga mencatatkan penurunan sederhana 0.8 peratus. Namun begitu, penurunan sederhana ini sebahagiannya diimbangi oleh pertumbuhan dalam beberapa subsektor utama. Antaranya, Pembuatan komputer, produk elektronik & optikal meningkat 4.9 peratus, Pembuatan kenderaan bermotor, treler & semi treler meningkat 3.9 peratus dan Pembuatan produk makanan meningkat 1.3 peratus.

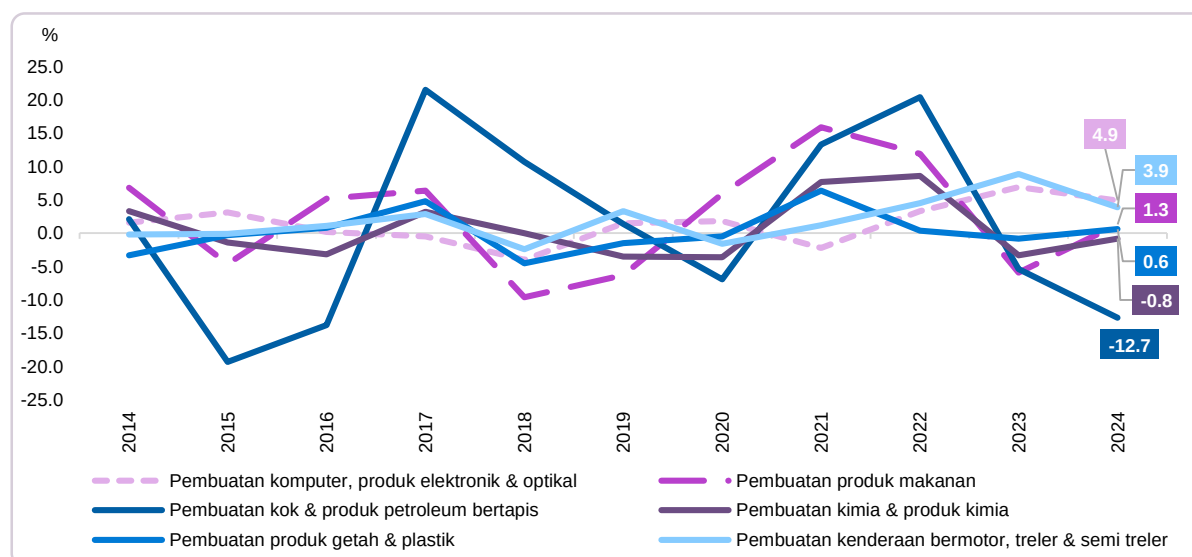
[Jadual 4]

Indeks Pembuatan kok & produk petroleum bertapis mencatatkan penurunan 12.7 peratus selepas menyusut 5.4 peratus pada 2023. Penurunan ini didorong terutamanya oleh indeks Pembuatan produk petroleum bertapis (-12.7%) yang merangkumi LNG, bahan api diesel lain dan sebagainya.

Jadual 4: Indeks Terpilih Sektor Pembuatan, 2023 dan 2024

Sektor (C)	Indeks		Perubahan Peratus (%)	
	2023	2024	2023	2024
Pembuatan	120.5	120.1	-0.2	-0.3
Pembuatan produk makanan	120.8	122.4	-5.9	1.3
Pembuatan kok & produk petroleum bertapis	151.9	132.6	-5.4	-12.7
Pembuatan kimia & produk kimia	121.9	120.9	-3.3	-0.8
Pembuatan produk getah & plastik	100.9	101.5	-0.8	0.6
Pembuatan komputer, produk elektronik & optikal	113.7	119.3	6.9	4.9
Pembuatan kenderaan bermotor, treler & semi treler	119.5	124.2	8.9	3.9

Carta 6: Perubahan Peratus Tahunan Sektor Pembuatan Terpilih, 2014 – 2024



Pada masa yang sama, indeks Pembuatan kimia & produk kimia mencatatkan penurunan perlahan 0.8 peratus, berbanding penurunan 3.3 peratus pada 2023. Indeks Pembuatan bahan kimia asas, baja & sebatian nitrogen, plastik & getah sintetik dalam bentuk primer menurun 0.7 peratus, manakala indeks Pembuatan produk kimia lain susut 1.2 peratus. Walau bagaimanapun, indeks Pembuatan gentian buatan manusia meningkat ketara 15.3 peratus.

¹⁰ Oxford Institute for Energy Studies, Januari 2024

Sebaliknya, indeks Pembuatan komputer, produk elektronik & optikal meningkat 4.9 peratus pada 2024 selepas mencatatkan kenaikan 6.9 peratus pada tahun sebelumnya. Kenaikan ini disumbang oleh indeks Pembuatan komponen & papan elektronik (2.4%), Pembuatan komputer & peralatan periferal (12.9%) serta Pembuatan peralatan komunikasi (13.0%). Komponen elektronik seperti litar bercetak, litar bersepadu dan wafer silikon kekal positif sepanjang tahun.

Indeks Pembuatan kenderaan bermotor, treler & semi treler juga terus mencatatkan pertumbuhan sebanyak 3.9 peratus pada 2024 (2023: 8.9%). Kenaikan ini dipacu oleh indeks Pembuatan kenderaan bermotor (5.6%) yang merangkumi pengeluaran kereta penumpang.

Indeks Pembuatan produk makanan turut meningkat 1.3 peratus berbanding penurunan 5.9 peratus pada tahun sebelumnya. Indeks Pembuatan minyak & lemak sayuran dan haiwan yang terdiri daripada produk berasaskan minyak sawit dan isirong sawit meningkat sebanyak 1.8 peratus (2023: -10.0%). Dalam masa yang sama, indeks Pembuatan produk makanan lain seperti biskut, kek, roti dan sebagainya turut meningkat 3.0 peratus (2023: 3.8%).

Harga minyak sawit mentah (MSM) Malaysia mencatatkan peningkatan ketara pada 2024, dengan purata tahunan meningkat kepada RM4,212.50 setiap tan, berbanding RM3,829.50 pada 2023. Harga bermula dengan trend yang lembap pada awal tahun, di mana Januari 2024 merekodkan purata bulanan terendah iaitu RM3,783.50, namun secara beransur-ansur meningkat sepanjang tahun. **[Jadual 5]**

Menjelang Disember 2024, harga MSM melonjak ke paras tertinggi tahunan, dengan purata RM5,119.50 dan mencatatkan harga harian tertinggi sebanyak RM5,333.50. Lonjakan ini disokong oleh beberapa faktor termasuk pengeluaran yang berkurangan akibat hujan lebat, prestasi eksport yang kukuh serta permintaan yang meningkat daripada program biodiesel, khususnya di Indonesia⁸.

Di peringkat global, MSM diniagakan hampir USD965 satu tan menjelang September 2024, mencerminkan minat antarabangsa yang meningkat, terutamanya daripada pengimport utama seperti China dan India yang tertarik dengan diskaun harga minyak sawit berbanding minyak kacang soya⁹. Jumlah eksport Malaysia kekal kukuh dengan peningkatan sebanyak 14.0 peratus sehingga Oktober 2024. Melangkah ke hadapan, harga dijangka kekal tinggi pada 2025, disokong oleh bekalan yang ketat dan permintaan yang kukuh, dengan unjuran sekitar RM4,200 hingga RM4,600 setan dalam tempoh terdekat¹⁰.

⁸ Merujuk kepada *Overview of The Malaysian Oil Palm Industry in 2024* oleh Lembaga Minyak Sawit Malaysia

⁹ Merujuk kepada artikel '*Palm Oil demand from China and India expected to rise as prices become competitive*' oleh Lembaga Minyak Sawit Malaysia, April 2025

¹⁰ Merujuk kepada kenyataan media oleh Lembaga Minyak Sawit Malaysia

Sementara itu, indeks Pembuatan produk getah & plastik yang merangkumi sarung tangan getah serta komponen plastik untuk industri elektrik dan elektronik mencatatkan peningkatan sebanyak 0.6 peratus berbanding penurunan 0.8 peratus pada 2023. Peningkatan ini disumbangkan terutamanya oleh indeks Getah, SMR & lain-lain, yang melonjak dua angka sebanyak 22.6 peratus daripada penurunan 10.2 peratus pada tahun sebelumnya.

Jadual 5: Harga Bulanan Produk Sawit Terpilih, 2023 dan 2024

HARGA MPOB RM PER TAN/METRIK		Minyak Sawit Mentah	Minyak Mentah Isirong Sawit	Buah Tanda Kelapa Sawit Segar	Minyak Sawit RBD
2023	Januari	3,922.00	3,942.00	40.44	4,172.00
	Februari	3,908.00	3,865.00	40.35	4,078.50
	Mac	4,159.50	4,042.00	43.18	4,350.50
	April	4,217.50	3,970.00	43.70	4,424.50
	Mei	3,795.50	3,932.00	39.19	4,222.00
	Jun	3,525.00	3,748.00	36.55	3,698.00
	Julai	3,897.00	3,849.00	40.11	4,050.50
	Ogos	3,805.00	4,066.50	39.58	3,928.50
	September	3,727.00	3,937.00	38.50	3,873.50
	Oktober	3,640.00	3,713.50	37.38	3,832.00
	November	3,700.50	3,863.00	38.38	3,881.50
	Disember	3,656.50	3,941.50	38.02	3,814.50
	PURATA	3,829.46	3,905.79	39.62	4,027.17
2024	Januari	3,783.50	3,990.00	39.28	4,006.00
	Februari	3,949.50	4,225.00	41.03	4,090.00
	Mac	4,215.50	4,744.00	44.36	4,465.00
	April	4,254.50	5,396.00	45.01	4,533.00
	Mei	3,902.50	4,765.00	41.07	4,069.50
	Jun	3,957.50	4,764.50	41.87	4,101.50
	Julai	4,034.00	5,421.50	43.20	4,191.00
	Ogos	3,910.50	5,437.00	41.81	4,124.50
	September	4,023.50	5,573.50	42.84	4,190.50
	Oktober	4,387.50	6,043.50	47.03	4,562.00
	November	5,011.50	8,007.00	55.52	5,253.00
	Disember	5,119.50	8,224.00	56.71	5,480.00
	PURATA	4,212.46	5,549.25	44.98	4,422.17

Sumber: Lembaga Minyak Sawit Malaysia (MPOB)

Harga Komoditi Global yang Terpilih pada 2024 dan Unjurannya

Mardziah Nawama

Menurut *Commodity Markets Outlook* oleh Bank Dunia¹, unjuran keseluruhan komoditi bagi 2025 menunjukkan trend menurun, dengan harga dijangka susut 5.0 peratus, diikuti penurunan 2.0 peratus pada 2026, selepas penurunan 3.0 peratus yang dicatatkan pada 2024. Penurunan yang diunjurkan ini disebabkan oleh beberapa faktor utama termasuk lambakan bekalan dalam pasaran tenaga, lebih kapasiti dalam sektor logam dan harga pertanian yang mula stabil.

Indeks harga tenaga menurun sebanyak 6.0 peratus pada 2024, dengan penurunan selanjutnya dijangka sebanyak 6.0 peratus pada 2025 dan 2.0 peratus pada 2026¹. Trend menurun ini didorong terutamanya oleh jangkaan lebih bekalan minyak, yang dijangka dapat mengimbangi potensi lonjakan harga, walaupun berlakunya peningkatan ketegangan geopolitik di rantau seperti Timur Tengah.

Harga purata minyak mentah Brent ialah USD80 setong pada tahun 2024, menurun daripada USD83 setong pada tahun 2023. Harga dijangka terus merosot kepada USD73 setong pada tahun 2025 dan USD72 setong pada tahun 2026². Risiko kenaikan terhadap unjuran ini termasuk pengeluaran minyak yang lebih rendah daripada jangkaan di Amerika Utara serta peningkatan konflik di Timur Tengah, manakala pembalikan awal terhadap pemotongan bekalan oleh OPEC+ dan pertumbuhan ekonomi yang lebih lemah daripada jangkaan merupakan risiko penurunan utama.

Secara keseluruhan, 2024 menyaksikan kesinambungan trend penurunan harga gas asli yang bermula pada 2023, sekali gus membawa harga semakin hampir ke paras sebelum 2022. Harga gas asli terus menurun pada 2024 berbanding 2023. Di Eropah, harga gas asli juga menurun pada 2024, susulan lonjakan ketara pada 2022 yang dipacu oleh ketegangan geopolitik dan kekangan bekalan. Harga yang sederhana pada 2024 disokong oleh beberapa faktor, termasuk keadaan cuaca yang sederhana, pengurangan aktiviti perindustrian serta peningkatan import gas asli cecair (LNG)³.

¹ Merujuk kepada *Commodity Markets Outlook* oleh World Bank, Oktober 2024

² Merujuk kepada *U.S Energy Information Administration*, Januari 2025

³ Merujuk kepada *Eurostats official website*, 'EU household gas prices rise in the second half of 2024', Mei 2025

Indeks harga makanan global mencatat purata 122 mata, menurun sebanyak 2.1 peratus pada 2024 berbanding penurunan 13.7 peratus pada 2023, menurut Indeks Harga Makanan Pertubuhan Makanan dan Pertanian (FAO)⁴. Pada 2025, harga komoditi makanan dijangka menurun berikutan permintaan yang lebih rendah dan keadaan bekalan yang bertambah baik, menurut Bank Dunia⁵. Walau bagaimanapun, perkembangan geopolitik, dasar ekonomi, dan tarif boleh mempengaruhi pergerakan harga.

Pengeluaran minyak sawit mentah (MSM) Malaysia pulih pada 2024, menyumbang kepada peningkatan harga secara sederhana, dengan harga purata mencecah RM4,212.50 setiap tan, meningkat daripada RM3,829.50 setiap tan pada tahun 2023. Lembaga Minyak Sawit Malaysia (MPOB) menjangkakan harga purata MSM bagi tahun 2025 berada dalam julat antara RM4,000 hingga RM4,300 setiap tan. Menurut MPOB, unjuran positif ini disokong oleh kesinambungan pelaksanaan mandat biodiesel, yang dijangka mengekalkan paras inventori minyak sawit yang ketat di tengah-tengah pertumbuhan pengeluaran yang sederhana di Malaysia.

Pada 2024, sektor semikonduktor Malaysia mencatat momentum yang kukuh, didorong oleh lonjakan eksport, pelaburan asing strategik, serta perubahan dalam rantai bekalan global. Pelaksanaan Strategi Semikonduktor Negara (NSS) telah menunjukkan kemajuan yang ketara, disokong oleh insentif bersasar dan inisiatif pembangunan bakat. Menjelang 2025, industri ini dijangka mengekalkan pertumbuhan yang stabil dan pementapan, dipacu oleh peningkatan permintaan terhadap teknologi AI serta penyusunan semula rantai pengeluaran global yang terus memihak kepada Malaysia⁶.

⁴ Merujuk kepada *the Food and Agriculture Organisation (FAO) Food Price Index*, Januari 2025

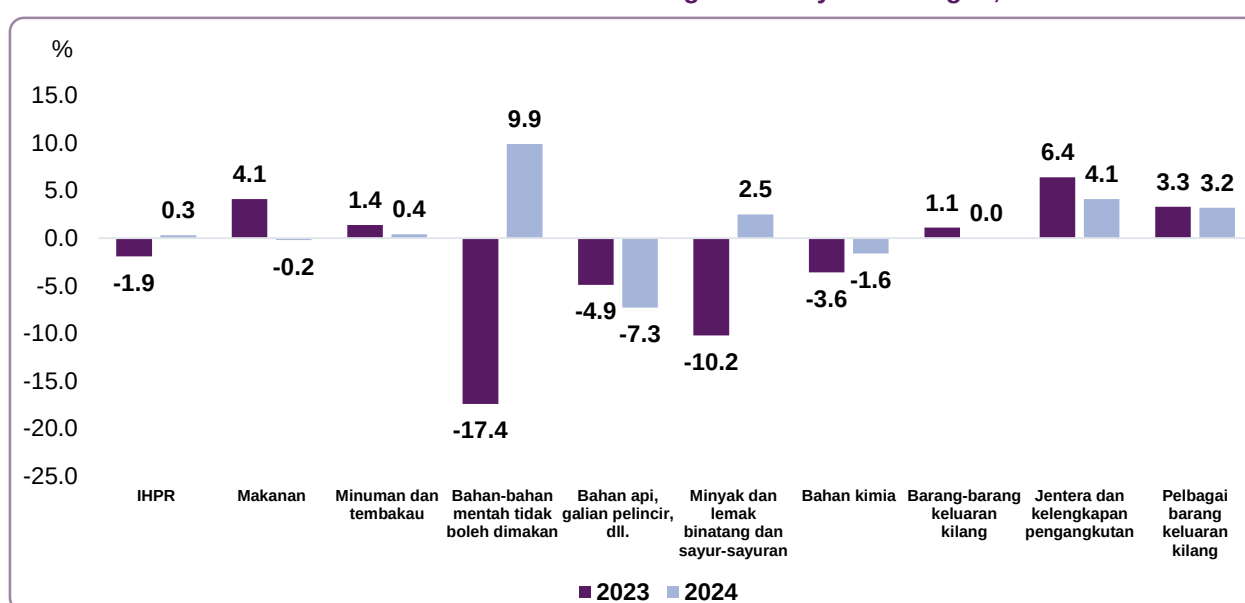
⁵ Merujuk kepada *World Economic Outlook Update*, Januari 2025

⁶ Merujuk kepada *TheEdgeMalaysia*, Mac 2025

Indeks Harga Pengeluar mengikut Seksyen Barangan

Dari segi IHPR mengikut seksyen barangan, majoriti indeks mencatatkan peningkatan pada 2024. Peningkatan direkodkan dalam Bahan-bahan mentah tidak boleh dimakan (9.9%), Jentera & kelengkapan pengangkutan (4.1%), Pelbagai barang keluaran kilang (3.2%), Minyak dan lemak daripada haiwan & sayuran (2.5%) serta Minuman & tembakau (0.4%). Indeks Barang-barang keluaran kilang kekal tidak berubah. Walau bagaimanapun, penurunan direkodkan dalam indeks Bahan api, galian pelincir, dll (-7.3%), Bahan kimia (-1.6%) dan Makanan (-0.2%). **[Carta 7]**

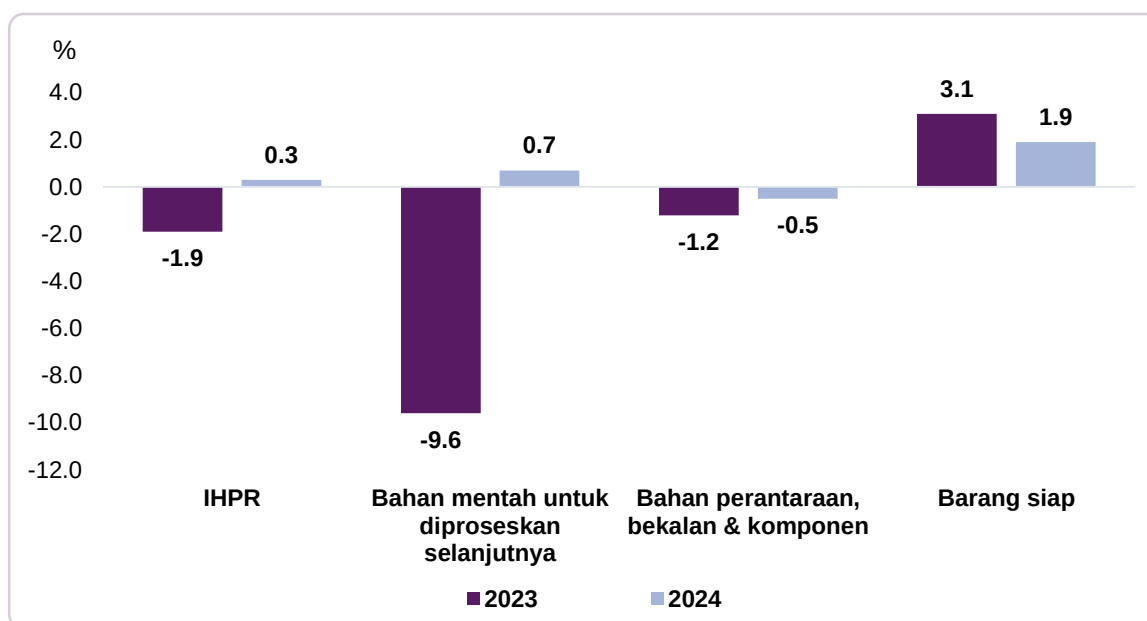
Carta 7: Perubahan Peratus Tahunan IHPR mengikut Seksyen Barangan, 2023 dan 2024



Indeks Harga Pengeluar mengikut Peringkat Pemprosesan

Indeks Barang siap meningkat 1.9 peratus pada 2024, sederhana berbanding kenaikan 3.1 peratus pada tahun sebelumnya. Pada masa yang sama, indeks Bahan mentah untuk diproseskan selanjutnya turut meningkat 0.7 peratus selepas mencatatkan penurunan 9.6 peratus pada 2023. Sementara itu, indeks Bahan perantaraan, bekalan & komponen menurun 0.5 peratus, berbanding penurunan 1.2 peratus pada tahun sebelumnya. **[Carta 8]**

Carta 8: Perubahan Peratus Tahunan IHPR mengikut Peringkat Pemprosesan, 2023 dan 2024



Peringkat Pemprosesan 1:

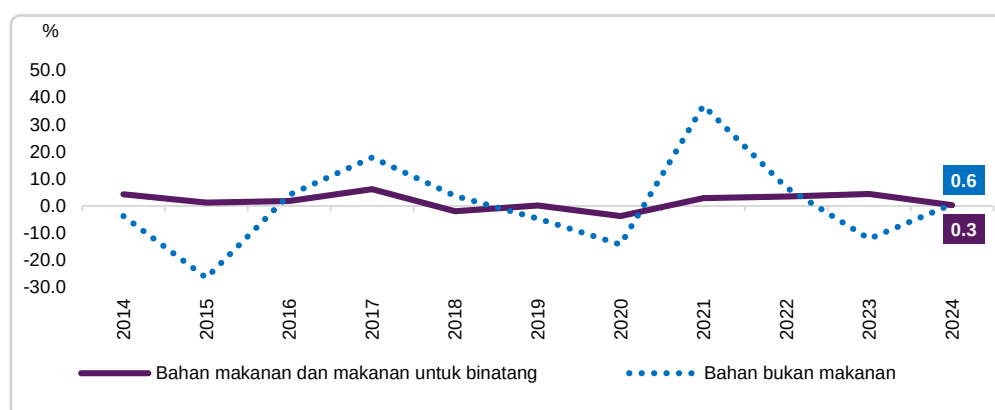
► Bahan Mentah untuk Diproseskan Selanjutnya

Indeks Bahan mentah untuk diproseskan selanjutnya meningkat 0.7 peratus pada 2024 berbanding penurunan 9.6 peratus pada 2023. Peningkatan ini disokong oleh kenaikan perlahan 0.6 peratus dalam indeks Bahan bukan makanan (2023: -12.1%) dan peningkatan 0.3 peratus dalam indeks Bahan makanan dan makanan untuk binatang (2023: 4.4%). Peningkatan ini didorong terutamanya oleh harga komoditi yang lebih tinggi, khususnya tandan buah segar (BTS) kelapa sawit bagi indeks Bahan bukan makanan serta indeks Bahan makanan dan makanan untuk binatang. **[Jadual 6]**

Jadual 6: Bahan Mentah untuk Diproseskan Selanjutnya, 2023 dan 2024

Peringkat Pemprosesan 1	Indeks		Perubahan Peratus (%)	
	2023	2024	2023	2024
Bahan mentah untuk diproseskan selanjutnya	116.7	117.5	-9.6	0.7
Bahan makanan dan makanan untuk binatang	138.1	138.5	4.4	0.3
Bahan bukan makanan	111.1	111.8	-12.1	0.6
Bahan bukan makanan kecuali bahan api	110.9	125.1	-22.4	12.8
Bahan api mentah	110.3	104.6	-6.1	-5.2

Carta 9: Perubahan Peratus Tahunan Bahan Mentah untuk Diproseskan Selanjutnya, 2014 – 2024



Peringkat Pemprosesan 2:

► Bahan Perantaraan, Bekalan & Komponen

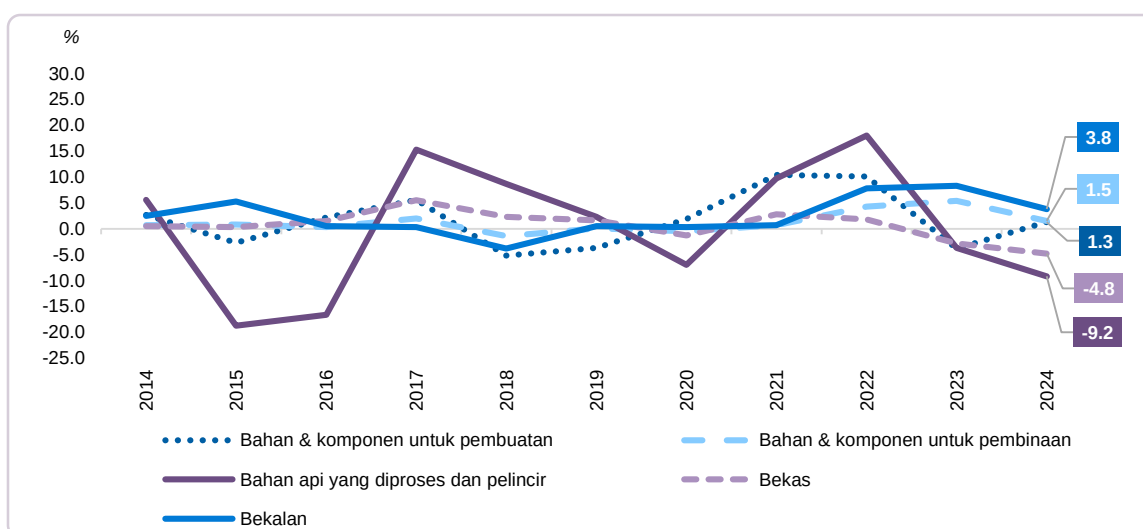
Penurunan perlahan dalam indeks Bahan perantaraan, bekalan & komponen sebanyak 0.5 peratus adalah disebabkan oleh penurunan dalam indeks Bahan api yang diproses dan pelincir (-9.2%) serta Bekas (-4.8%). Indeks Bekalan (3.8%), Bahan dan komponen untuk pembinaan (1.5%) dan Bahan dan komponen untuk pembuatan (1.3%) menunjukkan peningkatan. **[Jadual 7]**

Indeks Bahan untuk pembuatan makanan meningkat sebanyak 3.9 peratus. Pada masa yang sama, indeks Bahan untuk pembuatan lain yang terdiri daripada produk minyak sawit (minyak sawit RBD, olein sawit) turut mencatatkan peningkatan sebanyak 0.8 peratus.

Jadual 7: Bahan Perantaraan, Bekalan & Komponen, 2023 dan 2024

Peringkat Pemprosesan 2	Indeks		Perubahan Peratus (%)	
	2023	2024	2023	2024
Bahan perantaraan, bekalan & komponen	125.2	124.6	-1.2	-0.5
Bahan dan komponen untuk pembuatan	118.7	120.3	-3.8	1.3
Bahan untuk pembuatan makanan	121.3	126.0	-9.1	3.9
Bahan untuk pembuatan lain	119.9	120.9	-2.6	0.8
Bahan dan komponen untuk pembinaan	115.1	116.8	5.4	1.5
Bahan api yang diproses dan pelincir	139.8	127.0	-3.7	-9.2
Bekas	114.6	109.1	-2.8	-4.8
Bekalan	137.7	143.0	8.3	3.8
Industri pembuatan	137.4	140.9	9.5	2.5
Industri bukan pembuatan	135.4	143.1	6.6	5.7

Carta 10: Perubahan Peratus Tahunan Bahan Perantaraan, Bekalan & Komponen, 2014 – 2024



Peringkat Pemprosesan 3:

► Barang Siap

Indeks Barang siap meningkat 1.9 peratus pada 2024 berbanding 3.1 peratus pada 2023. Ini disokong oleh peningkatan sebanyak 3.9 peratus dalam indeks Kelengkapan modal. Sebaliknya, indeks Barangan pengguna siap menurun 0.8 peratus, selepas mencatatkan peningkatan 1.8 peratus pada tahun sebelumnya. **[Jadual 8]**

Peningkatan dalam indeks Kelengkapan modal disumbangkan oleh kedua-dua indeks Industri pembuatan (2.9%) dan Industri bukan pembuatan (4.5%). Sementara itu, indeks Barangan pengguna siap turun disebabkan oleh penurunan dalam indeks Barangan pengguna siap kecuali makanan, yang merekodkan penyusutan 1.7 peratus.

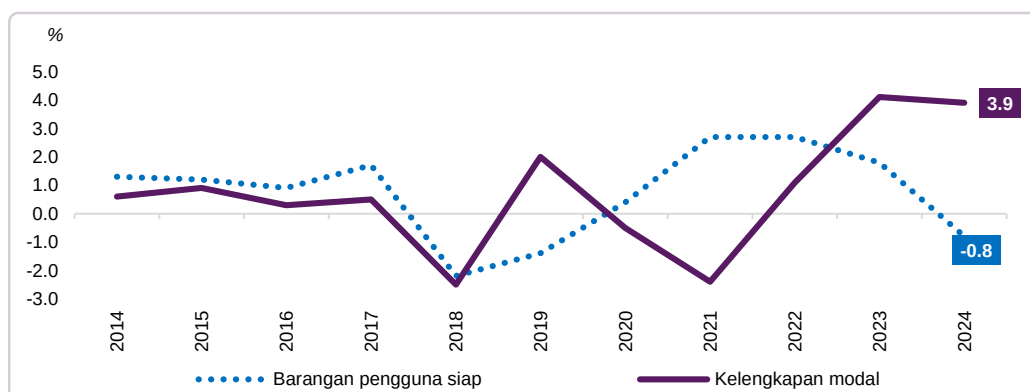
Jadual 8: Barang Siap, 2023 dan 2024

Peringkat Pemprosesan 3	Indeks		Perubahan Peratus (%)	
	2023	2024	2023	2024
Barang siap	106.2	108.2	3.1	1.9
Barangan pengguna siap	114.9	114.0	1.8	-0.8
Makanan pengguna siap	129.7	131.3	3.0	1.2
Barangan pengguna siap kecuali makanan	108.7	106.9	1.2	-1.7
Kelengkapan modal	101.8	105.8	4.1	3.9
Industri pembuatan	100.3	103.2	2.6	2.9
Industri bukan pembuatan	102.4	107.0	5.1	4.5

Indeks Barangan pengguna siap dipengaruhi oleh kenaikan dalam indeks Makanan pengguna siap (1.2%) dan indeks Barangan pengguna siap kecuali makanan (-1.7%). Indeks Barangan pengguna siap lazimnya dibandingkan dengan Indeks Harga Pengguna (IHP) bagi menganalisis trend harga secara keseluruhan. Secara khusus, indeks Makanan pengguna siap yang merupakan komponen dalam kategori Barangan pengguna siap, kebiasaannya dibandingkan dengan kumpulan Makanan & minuman bukan alkohol dalam IHP.

Indeks Makanan pengguna siap meningkat 1.2 peratus pada 2024, sederhana berbanding kenaikan 3.0 peratus pada 2023. Pergerakan ini mencerminkan corak yang hampir sama dengan kumpulan Makanan & minuman dalam IHP, yang mencatatkan peningkatan 2.0 peratus pada 2024 dan 4.8 peratus pada 2023¹¹.

Carta 11: Perubahan Peratus Tahunan Barang Siap, 2014 – 2024



¹¹ Berdasarkan Analisis Indeks Harga Pengguna Tahunan 2024

Indeks Harga Pengeluar Perkhidmatan sebagai Deflator Harga

Mardziah Nawama dan Jamilah Omar

Pengenalan

Indeks Harga Pengeluar Perkhidmatan (IHPRP) dibangunkan oleh Jabatan Perangkaan Malaysia bermula pada 2008, selaras dengan liberalisasi subsektor perkhidmatan yang diumumkan oleh Kerajaan pada 2009. IHPRP dibangunkan berdasarkan *Methodological Guide for Developing Producer Price Indices for Services* yang diterbitkan oleh *Organisation for Economic Co-operation and Development (OECD)*, *Eurostat*, dan gabungan Pasukan Petugas OECD-Eurostat.

Indeks Harga Pengeluar Perkhidmatan (IHPRP) disusun untuk mengukur purata perubahan harga perkhidmatan yang dikenakan oleh industri perkhidmatan tempatan di Malaysia. Selain itu, IHPRP juga berperanan sebagai deflator dalam penyusunan Indeks Volum Perkhidmatan (IoS) dan Keluaran Dalam Negeri Kasar (KDNK).

Konsep Penentuan Harga dalam IHPRP (Pendekatan OECD)

OECD telah menyediakan panduan metodologi yang menekankan pemilihan kaedah penetapan harga bagi menggambarkan dengan tepat pergerakan harga dalam industri perkhidmatan. Namun begitu, OECD mengesyorkan harga transaksi sebenar digunakan bagi memastikan ketepatan data. Pemilihan kaedah penentuan harga ini bergantung kepada sifat subsektor perkhidmatan dan ketersediaan data. Kutipan harga pengeluar perkhidmatan Malaysia merujuk kepada harga transaksi sebenar dan bukannya harga senarai. Harga termasuk surcay yang dikenakan kepada pelanggan tetapi tidak termasuk diskaun, rebat dan cukai yang dikenakan ke atas perkhidmatan.

Deflator KDNK

Menurut *Eurostat*¹, 'Deflator ialah satu angka yang menunjukkan perubahan harga dalam satu tempoh masa untuk produk atau sekumpulan produk, yang digunakan sebagai 'deflate' (pelarasan harga) bagi ukuran perubahan nilai dalam tempoh yang sama (sebagai contoh, jualan produk tersebut), dengan itu menghapuskan kenaikan atau penurunan harga, dan hanya meninggalkan perubahan volum sahaja. Deflator membandingkan tempoh rujukan

dengan tempoh asas, dan boleh dinyatakan sama ada dalam bentuk indeks atau peratus perubahan. Nilai yang telah dilaras menggunakan deflator disebut sebagai *deflated*¹.

Deflator KDNK ialah indeks harga yang mengukur paras purata harga bagi semua barangan dan perkhidmatan baharu dalam sesuatu ekonomi. Ia digunakan untuk menukar KDNK nominal (yang diukur pada harga semasa) kepada KDNK benar (yang diukur pada harga tetap), bagi mencerminkan jumlah sebenar barangan dan perkhidmatan yang dihasilkan². Bagi menghapuskan kesan inflasi, deflator perlu digunakan. Deflator ini biasanya merujuk kepada indeks harga seperti Indeks Harga Pengeluar (IHPR), Indeks Harga Pengeluar Perkhidmatan (IHPRP) atau Indeks Harga Pengguna (IHP), yang mengenalpasti perubahan harga barangan atau perkhidmatan dari semasa ke semasa.

Indeks Harga Pengeluar Perkhidmatan sebagai Deflator

Sektor perkhidmatan memainkan peranan penting dalam kebanyakan ekonomi moden, menyumbang secara signifikan kepada KDNK. Oleh itu, pengukuran pertumbuhan sebenar sektor ini dengan tepat adalah penting untuk menilai prestasi ekonomi keseluruhan. IHPRP bertujuan mengenalpasti perubahan harga perkhidmatan yang disediakan oleh industri perkhidmatan domestik. Ia mencerminkan tekanan inflasi dalam sektor ini dan boleh digunakan untuk melaras nilai nominal keluaran perkhidmatan, dengan itu menganggarkan nilai sebenarnya.

IoS, yang mengukur volum keluaran sektor perkhidmatan, bergantung kepada IHPRP sebagai *deflator* bagi memastikan perubahan sebenar dalam kuantiti perkhidmatan yang dihasilkan, bukannya perubahan yang didorong oleh turun naik harga. Tanpa *deflator* yang sesuai, perbandingan keluaran ekonomi dari semasa ke semasa boleh mengelirukan, kerana kenaikan nominal hanya mencerminkan inflasi dan bukannya pertumbuhan sebenar. Sebagai contoh, peningkatan dalam KDNK nominal mungkin tidak menunjukkan kemajuan ekonomi sebenar jika ia berpunca terutamanya daripada kenaikan harga dan bukannya peningkatan pengeluaran.

¹ Merujuk kepada *European statistics, Eurostats*

² Merujuk kepada *Office for National Statistics (ONS) website, <https://www.ons.gov.uk>*

Skop dan Liputan

Pemilihan industri adalah berdasarkan kepada sumbangan output industri yang diperoleh daripada Banci Ekonomi 2016 (tahun rujukan 2015). Industri terpilih menyumbang 75.3 peratus kepada keseluruhan Sektor Perkhidmatan. Pengumpulan data harga dijalankan oleh Jabatan Perangkaan Malaysia meliputi 8 daripada 13 subsektor perkhidmatan.

Berikut ialah pecahan industri yang diliputi dalam penyusunan IHPRP:

Jadual 1: Senarai subsektor perkhidmatan yang diliputi dalam IHPRP

Seksyen	Keterangan
H	Pengangkutan
I	Penginapan dan Aktiviti Perkhidmatan Makanan & Minuman
J	Maklumat & Komunikasi
L	Aktiviti Hartanah
M	Profesional
P	Pendidikan
Q	Kesihatan
R	Kesenian, Hiburan & Rekreasi

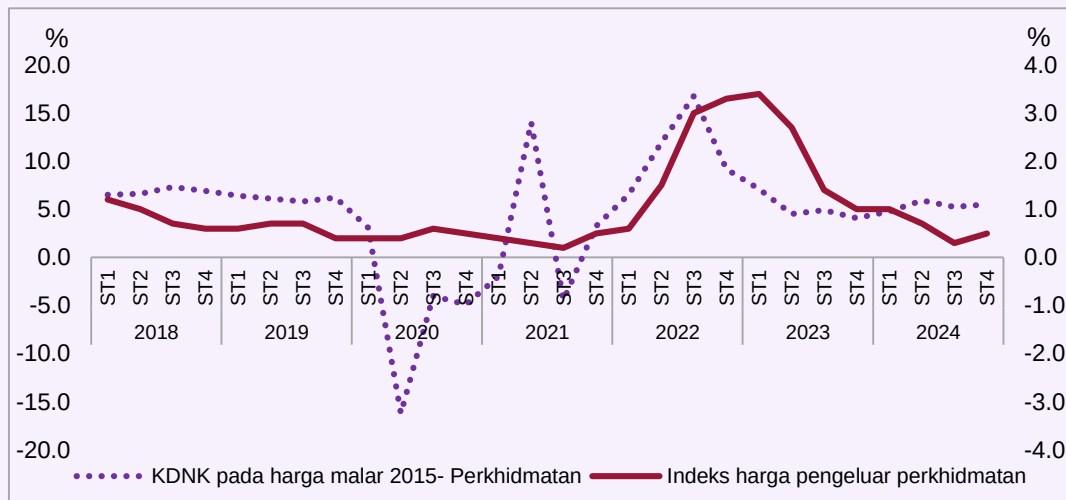
Sumber: Jabatan Perangkaan Malaysia (DOSM)

Artikel ini bertujuan untuk meneliti hubungan antara IHPRP dan KDNK Sektor Perkhidmatan, serta antara IHPRP dan Indeks Volum Perkhidmatan. Analisis Pekali Korelasi Pearson telah dijalankan dengan menggunakan nilai signifikan pada aras, $\alpha = 0.05$, berdasarkan data siri masa suku tahunan dari 2018 hingga 2024.

Penemuan

i) IHPRP vs KDNK Sektor Perkhidmatan

Carta 1: IHPRP vs KDNK Sektor Perkhidmatan, 2018 – 2024



Sumber: Jabatan Perangkaan Malaysia (DOSM)

Jadual 2: Pekali Korelasi Pearson: IHPRP vs. KDNK Sektor Perkhidmatan

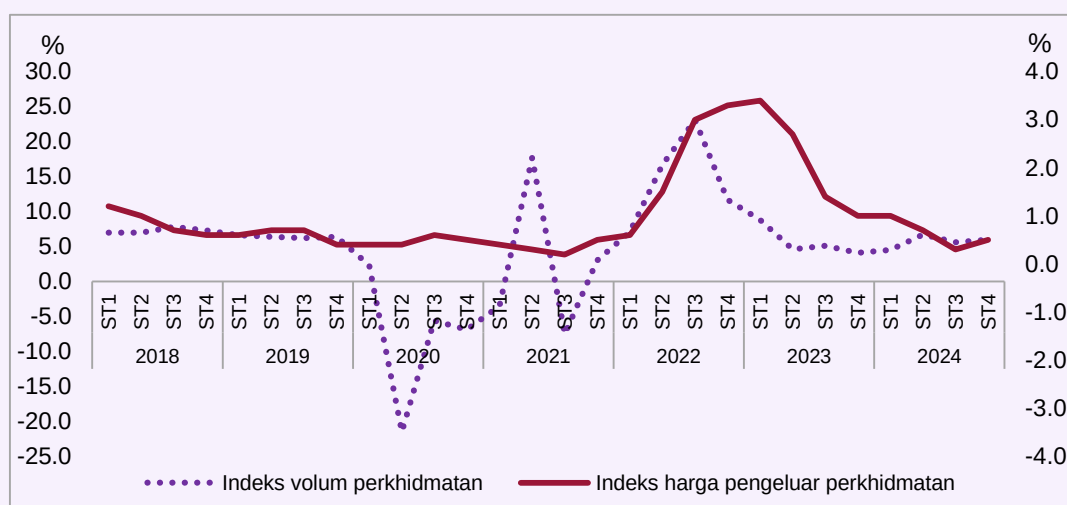
	Indeks harga pengeluaran perkhidmatan	KDNK pada harga malar 2015-Sektor Perkhidmatan
Indeks harga pengeluaran perkhidmatan	1	0.41
KDNK pada harga malar 2015-Perkhidmatan	0.41	1

Sumber: Jabatan Perangkaan Malaysia (DOSM)

Pekali Korelasi Pearson sebanyak 0.41 menunjukkan hubungan positif yang sederhana antara Indeks Harga Pengeluaran Perkhidmatan (IHPRP) dan KDNK sektor Perkhidmatan. Oleh kerana nilai tersebut adalah positif, peningkatan dalam IHPRP cenderung disertai dengan peningkatan dalam KDNK sektor Perkhidmatan, dan sebaliknya. Namun begitu, walaupun perubahan dalam IHPRP mungkin memberi sedikit kesan terhadap KDNK sektor Perkhidmatan, terdapat juga faktor-faktor lain yang mempengaruhi pertumbuhan KDNK sektor Perkhidmatan.

ii) IHPRP vs Indeks Volum Perkhidmatan

Carta 2: IHPRP vs Indeks Volum Perkhidmatan, 2018 – 2024



Sumber: Jabatan Perangkaan Malaysia (DOSM)

Jadual 3: Pekali Korelasi Pearson: IHPRP vs Indeks Volum Perkhidmatan

	Indeks harga pengeluaran perkhidmatan	Indeks volum perkhidmatan
Indeks harga pengeluaran perkhidmatan	1	0.45
Indeks volum perkhidmatan	0.45	1

Sumber: Jabatan Perangkaan Malaysia (DOSM)

Pekali Korelasi Pearson sebanyak 0.45 menunjukkan hubungan positif yang sederhana antara Indeks Harga Pengeluaran Perkhidmatan (IHPRP) dan Indeks Volum Perkhidmatan (IoS). Oleh kerana nilainya positif, peningkatan dalam IHPRP cenderung disertai dengan peningkatan dalam Indeks Volum Perkhidmatan (IoS), dan sebaliknya. Walau bagaimanapun, meskipun perubahan dalam IHPRP mungkin memberi sedikit kesan terhadap Indeks Volum Perkhidmatan (IoS), terdapat juga faktor-faktor lain yang mempengaruhi pertumbuhan indeks perkhidmatan.

Kesimpulan

Walaupun IHPRP merupakan ukuran penting bagi inflasi dalam sektor perkhidmatan, ia hanya mencerminkan perubahan harga bagi perkhidmatan yang disediakan oleh industri perkhidmatan tempatan di Malaysia. Sebaliknya, deflator KDNK sektor Perkhidmatan dan

Indeks Volum Perkhidmatan merupakan ukuran yang lebih luas, mencerminkan perubahan harga bagi semua perkhidmatan yang dihasilkan dalam negara, termasuk perkhidmatan kerajaan dan eksport. Namun begitu, IHPRP kekal sebagai komponen yang bernilai atau penunjuk sokongan yang berguna, terutamanya dalam menganalisis komponen perkhidmatan dalam KDNK. Sehubungan itu, liputan IHPRP akan dikemaskini selaras dengan amalan semasa di Malaysia, seperti yang terkandung di dalam manual yang disarankan.

Penafian

Pandangan yang dikemukakan adalah pandangan penulis dan tidak semestinya mewakili pandangan Jabatan Perangkaan Malaysia (DOSM).

Introduction

Global economic maintained a growth rate at 3.2 per cent in 2024 (2023: 3.3%) underpinned by domestic demand and a rebound in global trade¹. According to the International Monetary Fund (IMF), growth is expected to remain stable at 3.3 per cent in 2025, supported by a modest growth in trade and investment².

The Malaysian economy expanded by 5.1 per cent, grew from 3.5 per cent in the previous year, largely due to robust domestic demand¹. A key highlight was the ongoing investment upcycle, which drove the strong investment growth, contributed by the execution of major projects in the electrical and electronics (E&E) and information and communications technology (ICT) sectors. Household consumption remained strong, supported by favourable labour market conditions, wealth gains and effective policy interventions by the Government.

Looking ahead to 2025, Malaysia's economic growth is projected to range between 4.5 per cent to 5.5 per cent³. This outlook is driven by a resilient external sector, bolstered by recovering global trade and sustained demand for E&E products, with Malaysia well-positioned within the global semiconductor supply chain. At the same time, domestic demand is expected to remain as key source of growth, particularly through private sector spending and the continued rollout of strategic national development plans and reforms.

Global headline inflation eased in 2024, largely due to the declining commodity prices and improved conditions in global supply chains¹. Crude oil prices trended downward during the year, influenced by weaker-than-anticipated demand from China and higher output from non-OPEC producers, especially the United States.

While advanced economies continued on a steady path, inflation in emerging markets remained relatively below historical averages. For Malaysia, inflation is expected to remain moderated in 2025³, supported by moderating global commodity prices, stable domestic production and ongoing improvements in global supply chains.

¹ Refers to *Economic and Monetary Review 2024* by Central Bank of Malaysia, March 2025

² Refers to IMF, *World Economic Outlook*, April 2025 and *Economic Outlook 2025* by MOF

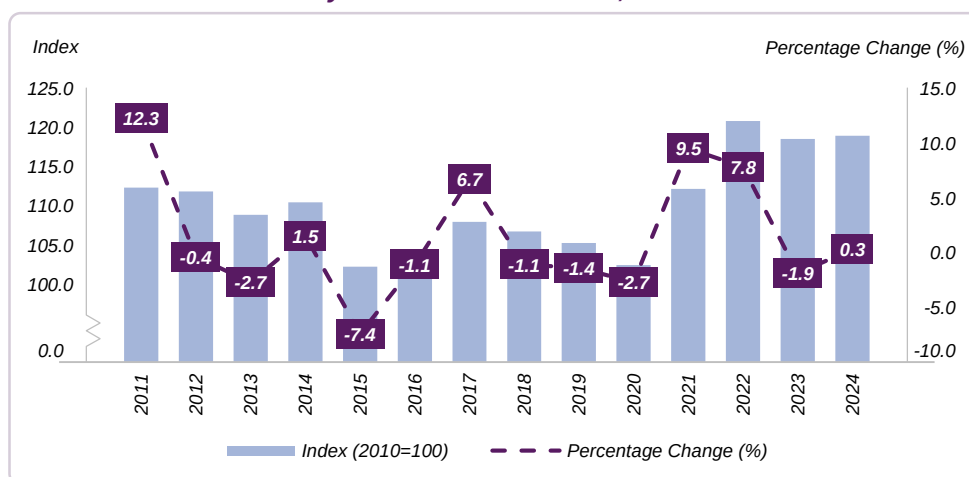
³ Refers to *Economic Outlook 2025* by MOF

Overall Producer Price Index in 2024

The Producer Price Index (PPI) for Local Production increased by 0.3 per cent in 2024, rebounding from a 1.9 per cent decline in 2023. Commodity prices remained highly volatile throughout the year, particularly in petroleum products, contributing to market uncertainty.

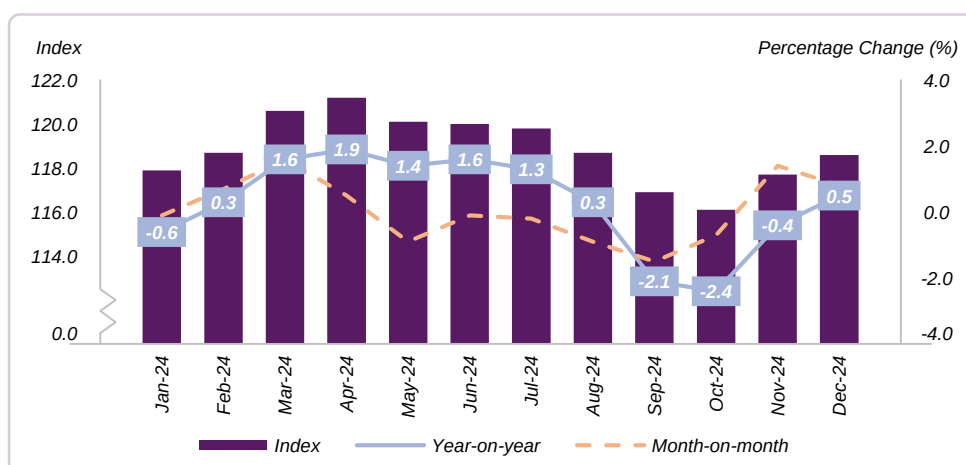
[Chart 1]

Chart 1: Yearly PPI Local Production, 2011 – 2024



The year began with a 0.6 per cent decline in January 2024, followed by a sustained positive momentum. The index registered consecutive monthly increases from February (0.3%) to August 2024 (0.3%). However, it then declined over the following three months before rebounding with a 0.5 per cent increase in December 2024. The lowest point was recorded in October 2024 at negative 2.4 per cent, while the highest was in April 2024 at 1.9 per cent. The fluctuations in PPI throughout the year were largely influenced by price movements of key commodities, particularly palm oil and crude oil products. [Chart 2]

Chart 2: Monthly PPI Local Production, 2024



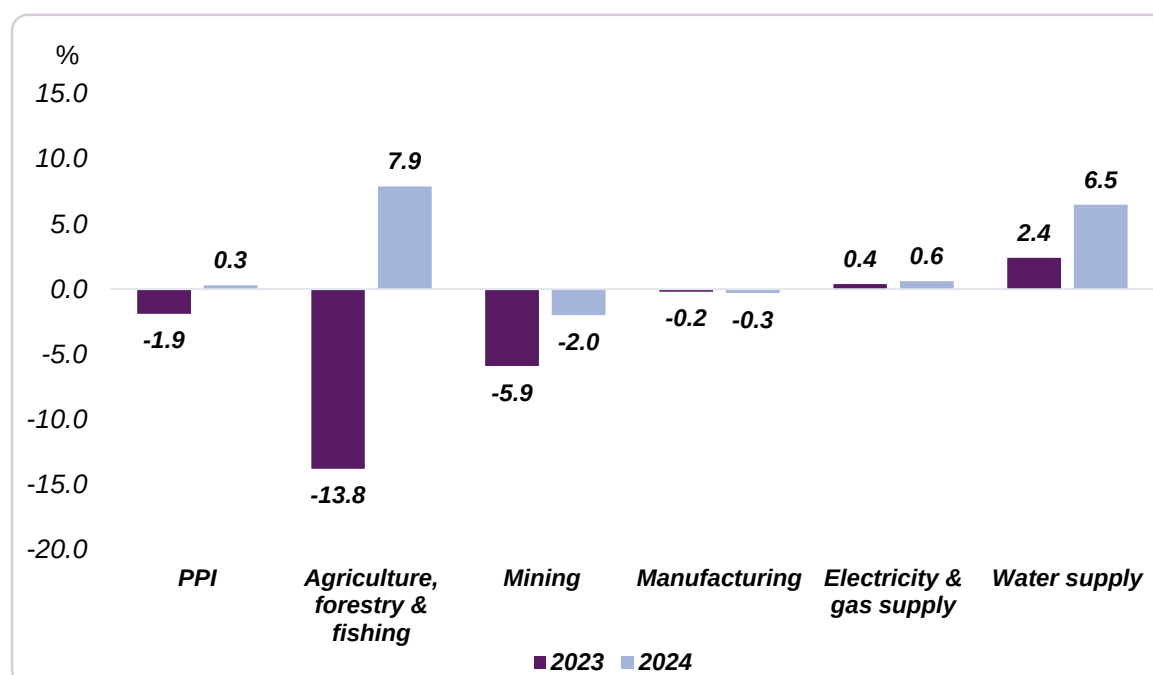
Producer Price Index by Sector

The PPI Local Production increased by 0.3 per cent in 2024, as compared to a decline of 1.9 per cent in 2023. This increase was primarily contributed by a 7.9 per cent rise in the Agriculture, forestry & fishing sector, following a sharp contraction of 13.8 per cent in the previous year. The utility sector also remained positive, with the indices for Electricity & gas supply and Water supply increased by 0.6 per cent and 6.5 per cent, respectively. Meanwhile, the Mining sector declined by 2.0 per cent, though this was a slight increase from the 5.9 per cent decrease recorded in 2023. The Manufacturing sector posted a marginal decline of 0.3 per cent in 2024, as compared to a 0.2 per cent drop in the previous year. **[Table 1]**

Table 1: PPI by Sector, 2023 and 2024

Sector	Index		Percentage Change (%)	
	2023	2024	2023	2024
Total	118.5	118.9	-1.9	0.3
Agriculture, forestry & fishing	124.8	134.7	-13.8	7.9
Mining	98.1	96.1	-5.9	-2.0
Manufacturing	120.5	120.1	-0.2	-0.3
Electricity & gas supply	117.9	118.6	0.4	0.6
Water supply	118.0	125.7	2.4	6.5

Chart 3: Annual Percentage Change of PPI by Sector, 2023 and 2024



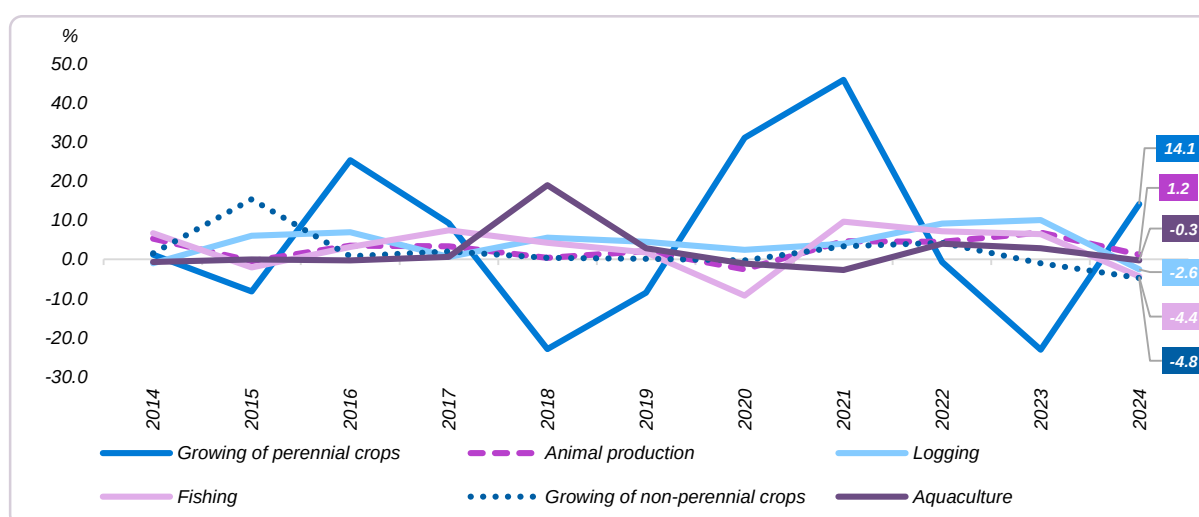
A Agriculture, Forestry & Fishing

The Agriculture, forestry & fishing sector recorded a 7.9 per cent increase in 2024, as compared to a double-digit decline of 13.8 per cent in 2023. This was primarily due to the Growing of perennial crops index, which surged by 14.1 per cent (2023: -23.1%), largely due to the Oil palm fresh fruit bunches (FFB) index (-14.0%). The Animal production index also posted a modest increase of 1.2 per cent, compared to a 6.8 per cent rise in the previous year. In contrast, the remaining subsectors recorded declines in 2024: Growing of non-perennial crops (4.8%), Fishing (4.4%), Logging (2.6%) and Aquaculture (-0.3%). [Table 2]

Table 2: Agriculture, Forestry & Fishing Sector, 2023 and 2024

Sector (A)	Index		Percentage Change (%)	
	2023	2024	2023	2024
Agriculture, forestry & fishing	124.8	134.7	-13.8	7.9
Growing of non-perennial crops	142.7	135.8	-1.0	-4.8
Growing of perennial crops	111.6	127.3	-23.1	14.1
Animal production	140.6	142.3	6.8	1.2
Logging	181.9	177.2	10.0	-2.6
Fishing	165.3	158.1	6.4	-4.4
Aquaculture	140.8	140.4	2.8	-0.3

Chart 4: Annual Percentage Change of Agriculture, Forestry & Fishing Sector, 2014 – 2024



On average, the FFB with a 1.0 per cent Oil Extraction Rate (OER) prices increased from RM39.60 in 2023 to RM45.00 in 2024. However, the OER declined by 1.0 per cent, falling to 19.7 per cent from 19.9 per cent in 2023⁴. This reduction was largely due to a lower proportion of ripe and high-quality FFB processed by palm oil mills. Furthermore, adverse weather conditions, particularly heavy rainfall in June, July and the last quarter of the year, resulted in flooding in certain areas, further impacting harvesting activities and contributing to the rise in FFB prices.

Meanwhile, the observation on the prices of agricultural farm-gate in Malaysia during 2024 was softened in many areas. This was driven by moderate growth in production and easing logistics post-monsoon, especially after heavy rain events earlier in the year⁵. No significant price spikes were recorded, reflecting stable price at the farm level. However, a year-on-year comparison showed that durian farm-gate prices declined in early to mid-2024, reflecting increased competitive pressures from other major producing countries such as Thailand and Viet Nam.

The Fishing index, which comprises fresh fish and fresh seafood, declined by 4.4 per cent in 2024, compared to an increase of 6.4 per cent in 2023. The downturn was mainly attributed to an oversupply of sea prawns, which outpaced market demand and led to lower prices. Apart from that, authorities such as the Lembaga Kemajuan Ikan Malaysia (LKIM) actively imported fish and maintained stockpile to stabilise prices during periods of low domestic supply⁶. Similarly, the Aquaculture index recorded a slight decrease of 0.3 per cent, following a 2.8 per cent rise in the previous year.

⁴ Refers to Overview of The Malaysian Oil Palm Industry in 2024 by Malaysian Palm Oil Board

⁵ Refers to [producereport.com](https://www.producereport.com)

⁶ Refers to [malaymail.com](https://www.malaymail.com) 'Fisheries authority confirms no monsoon fish shortage, cautions traders against price hikes', October 2024

B Mining

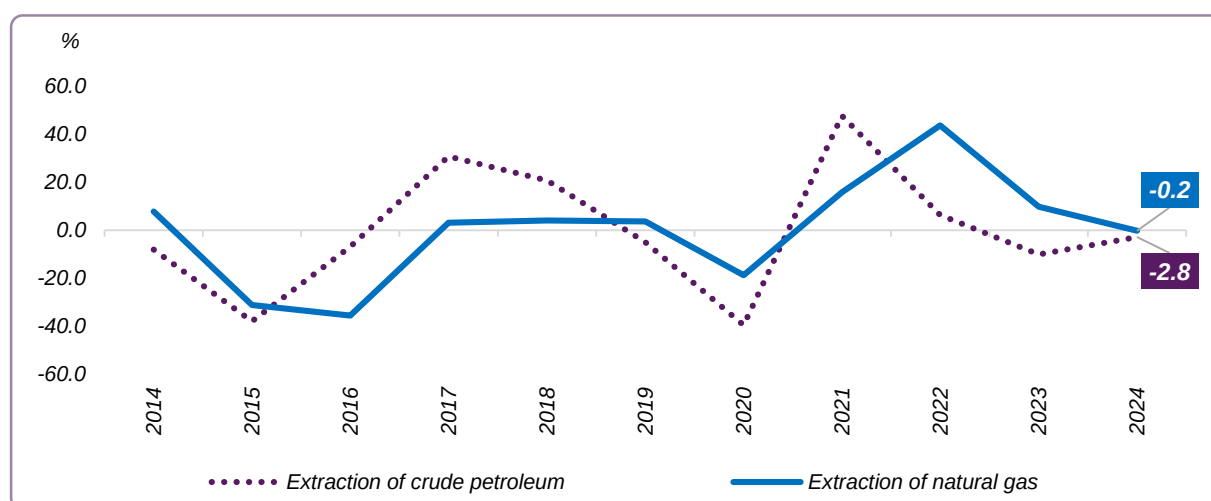
The Mining sector continued to decline by 2.0 per cent from a 5.9 per cent drop in the previous year. The Extraction of crude petroleum index fell by 2.8 per cent, as compared to a decline of 10.1 per cent in 2023. Meanwhile, the Extraction of natural gas index recorded a marginal decrease of 0.2 per cent, in contrast to a 9.9 per cent increase registered in the previous year.

[Table 3]

Table 3: Mining Sector, 2023 and 2024

Sector (B)	Index		Percentage Change (%)	
	2023	2024	2023	2024
Mining	98.1	96.1	-5.9	-2.0
Extraction of crude petroleum	94.5	91.9	-10.1	-2.8
Extraction of natural gas	116.4	116.2	9.9	-0.2

Chart 5: Annual Percentage Change of Mining Sector, 2014 – 2024



Brent crude oil prices averaged USD80 per barrel in 2024, as compared to USD83 per barrel in 2023. The decline was attributed to the strong global oil production growth outpacing the slower growth in demand, put downward pressure on prices. Conversely, heightened geopolitical tensions and voluntary production cuts by OPEC+ members helped support prices. These opposing factors kept oil prices trading within a relatively narrow range throughout the year⁷.

⁷ Refers to U.S Energy Information Administration, January 2025

As for the first quarter of 2024, Brent crude oil prices remained relatively firm, largely influenced by geopolitical tensions from the escalating conflict in the Middle East. According to the U.S Energy Information Administration, although the ongoing hostilities between Israel and Hamas did not directly disrupt oil supply in the region, the broader conflict amplified concerns over potential supply interruptions, contributing to upward pressure on prices.

Brent crude oil prices reached its peak for the year in April, closing at USD91 per barrel. However, from that point onward, prices generally trended downward for the rest of 2024. Intermittent price rebounds occurred were observed in June and September, supported by OPEC+ decisions to postpone planned production increases, which temporarily boosted market sentiment.

Meanwhile, in the third quarter of 2024, Brent crude oil prices softened to USD80 per barrel, down from USD85 per barrel in the second quarter. The decline was driven by increased supply from OPEC+ and lower demand from China. In early September 2024, prices declined to USD74 per barrel, the lowest point of the year and dipped for the first time since late 2021. During the fourth quarter of 2024, prices remained low, hovering around USD73 per barrel.

Manufacturing

The Manufacturing sector continued to record a marginal decline of 0.3 per cent in 2024, following a 0.2 per cent decrease in the previous year. The decline was due to a significant drop in the Manufacture of coke & refined petroleum products index, which went down double-digit of 12.7 per cent (2023: -5.4%). The Manufacture of chemicals & chemical products index also posted a modest decline of 0.8 per cent. However, these declines were partially offset by increase in several key subsectors. The Manufacture of computer, electronic & optical products increased by 4.9 per cent, the Manufacture of motor vehicles, trailers & semi-trailers rose by 3.9 per cent, and the Manufacture of food products increased by 1.3 per cent.

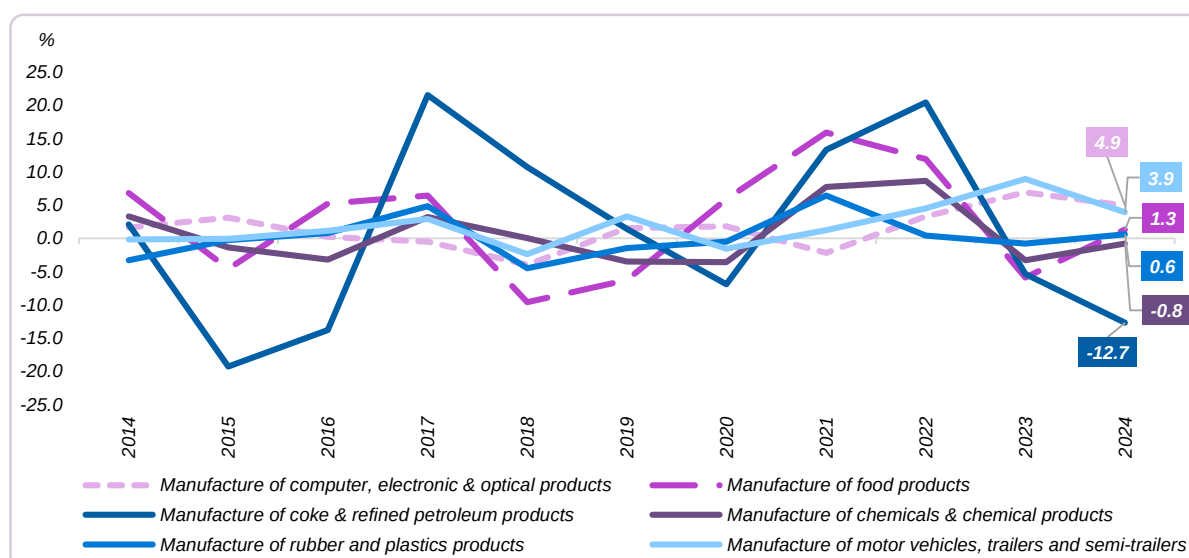
[Table 4]

The Manufacture of coke & refined petroleum products index declined by 12.7 per cent after a 5.4 per cent drop in 2023. This was particularly due to the Manufacture of refined petroleum products index (-12.7%), which comprises of LNG, other diesel fuel, etc.

Table 4: Selected Index of Manufacturing Sector, 2023 and 2024

Sector (C)	Index		Percentage Change (%)	
	2023	2024	2023	2024
Manufacturing	120.5	120.1	-0.2	-0.3
Manufacture of food products	120.8	122.4	-5.9	1.3
Manufacture of coke & refined petroleum products	151.9	132.6	-5.4	-12.7
Manufacture of chemicals & chemical products	121.9	120.9	-3.3	-0.8
Manufacture of rubber & plastics products	100.9	101.5	-0.8	0.6
Manufacture of computer, electronic & optical products	113.7	119.3	6.9	4.9
Manufacture of motor vehicles, trailers and semi-trailers	119.5	124.2	8.9	3.9

Chart 6: Annual Percentage Change of Selected Manufacturing Sector, 2014 – 2024



At the same time, the Manufacture of chemicals & chemical products index recorded a marginal decrease of 0.8 per cent from a decline of 3.3 per cent in 2023. The Manufacture of basic chemicals, fertilizers & nitrogen compounds, plastics & synthetic rubber in primary forms index went down by 0.7 per cent while the Manufacture of other chemical products index decreased by 1.2 per cent. However, the Manufacture of man-made fibres index increased by 15.3 per cent.

On the other hand, the Manufacture of computer, electronic & optical products index increased by 4.9 per cent in 2024 after a 6.9 per cent increase in 2023. The increase was attributed to Manufacture of electronic components & boards (2.4%), Manufacture of computers &

peripheral equipment (12.9%) and Manufacture of communication equipment (13.0%) indices. Electronic components such as printed circuits, integrated circuits and silicon wafer remained positive in 2024.

The Manufacture of motor vehicles, trailers & semi-trailers index continued to increase by 3.9 per cent in 2024 (2023: 8.9%). The increase was contributed by the Manufacture of motor vehicles (5.6%) index which consist of passenger car.

The Manufacture of food products index also recorded an increase of 1.3 per cent from a 5.9 per cent decrease in the previous year. The Manufacture of vegetable & animal oils & fats index, which consist of products based on palm oil and palm kernels increased by 1.8 per cent (2023: -10.0%). At the same time, the Manufacture of other food products index which consist of manufacturing of bakes, cakes, bread, etc. also inclined by 3.0 per cent (2023: 3.8%).

Malaysia's crude palm oil (CPO) experienced a notable price increase in 2024, with the average annual price rising to RM4,212.50 per tonne, as compared to RM3,829.50 in 2023. Prices started the year on a softer trend, with January 2024 recording the lowest monthly average at RM3,783.50, but gradually gained momentum over the year. [\[Table 5\]](#)

By December 2024, CPO prices surged to their peak, averaging RM5,119.50, and hitting a daily high of RM5,333.50. This late-year rally was fueled by several factors, including reduced output due to heavy rainfall, stronger export performance, and increased demand from biodiesel programs, particularly in Indonesia⁸.

On the global front, CPO was traded near USD965 per tonne by September 2024, reflecting international interest, especially from major importers like China and India, who were drawn in by palm oil's price discount relative to soybean⁹. Export volumes from Malaysia remained strong, with a 14.0 per cent increase by October 2024. Looking ahead, prices expected to stay elevated into 2025, supported by tight supplies and firm demand, with forecasts pointing to RM4,200 to RM4,600 per tonne in the near term¹⁰.

⁸ Refers to Overview of The Malaysian Oil Palm Industry in 2024 by Malaysian Palm Oil Board

⁹ Refers to an article of 'Palm Oil demand from China and India expected to rise as prices become competitive' by Malaysian Palm Oil Board, April 2025

¹⁰ Refers to Malaysian Palm Oil Board press statement

Meanwhile, the Manufacture of rubber & plastics products index which consists of rubber gloves, plastic components parts for electrical and electronics industries posted a 0.6 per cent increase against a 0.8 per cent decrease in 2023. The increase was primarily due to the Rubber, S.M.R., & others index, up double-digit of 22.6 per cent from a 10.2 per cent decline in the previous year.

Table 5: Monthly Price of Selected Palm Oil Products, 2023 and 2024

MPOB PRICE RM PER TONNE/METRIC		Crude Palm Oil	Palm Kernel Crude Oil	Oil Palm Fresh Fruit Bunches	RBD Palm Oil
2023	January	3,922.00	3,942.00	40.44	4,172.00
	February	3,908.00	3,865.00	40.35	4,078.50
	March	4,159.50	4,042.00	43.18	4,350.50
	April	4,217.50	3,970.00	43.70	4,424.50
	May	3,795.50	3,932.00	39.19	4,222.00
	June	3,525.00	3,748.00	36.55	3,698.00
	July	3,897.00	3,849.00	40.11	4,050.50
	August	3,805.00	4,066.50	39.58	3,928.50
	September	3,727.00	3,937.00	38.50	3,873.50
	October	3,640.00	3,713.50	37.38	3,832.00
	November	3,700.50	3,863.00	38.38	3,881.50
	December	3,656.50	3,941.50	38.02	3,814.50
	AVERAGE	3,829.46	3,905.79	39.62	4,027.17
2024	January	3,783.50	3,990.00	39.28	4,006.00
	February	3,949.50	4,225.00	41.03	4,090.00
	March	4,215.50	4,744.00	44.36	4,465.00
	April	4,254.50	5,396.00	45.01	4,533.00
	May	3,902.50	4,765.00	41.07	4,069.50
	June	3,957.50	4,764.50	41.87	4,101.50
	July	4,034.00	5,421.50	43.20	4,191.00
	August	3,910.50	5,437.00	41.81	4,124.50
	September	4,023.50	5,573.50	42.84	4,190.50
	October	4,387.50	6,043.50	47.03	4,562.00
	November	5,011.50	8,007.00	55.52	5,253.00
	December	5,119.50	8,224.00	56.71	5,480.00
	AVERAGE	4,212.46	5,549.25	44.98	4,422.17

Source: Malaysian Palm Oil Board (MPOB)

Selected Commodity Global Prices in 2024 and the Forecast

Mardziah Nawama

According to the World Bank's Commodity Markets Outlook¹, the overall commodity outlook for 2025 indicates a downward trend. Prices are anticipated to decline by 5.0 per cent, followed by a further 2.0 per cent decrease in 2026, after a 3.0 per cent drop in 2024. This projected downturn is attributed to several key factors including oversupply in energy markets, overcapacity in metal and stabilising agricultural prices.

The energy price index dropped by 6.0 per cent in 2024, with further declines of 6.0 per cent in 2025 and 2.0 per cent in 2026¹. This downward trend is primarily driven by an anticipated oil surplus, which is expected to offset potential price spikes, even amid escalating geopolitical tensions in regions such as the Middle East.

Brent crude oil prices averaged USD80 per barrel in 2024, down from USD83 per barrel in 2023. Prices are expected to decline further to USD73 per barrel in 2025 and USD72 per barrel in 2026². Upside risks to the outlook include lower-than-expected oil production in North America and conflict escalation in the Middle East, while an earlier-than-expected reversal of OPEC+ supply cuts and weaker-than-expected economic growth represent key downside risks.

Overall, year 2024 was a continuation of the downward trend in natural gas prices that began in 2023, bringing prices closer to pre-2022 levels. Natural gas prices declined further in 2024 compared to 2023. In Europe, natural gas prices also fell in 2024, following a sharp surge in 2022 driven by geopolitical tensions and supply constraints. The easing of prices in 2024 was supported by several factors, including mild weather conditions, reduced industrial activity and increased liquefied natural gas (LNG) imports³.

The index of global food prices averaged 122 points, a decrease of 2.1 per cent in 2024 as compared to a decline of 13.7 per cent in 2023, according to the Food and Agriculture Organisation (FAO) Food Price Index⁴. In 2025, food commodity prices are expected to decline due to lower demand and improved supply conditions, according to the World Bank⁵. However, geopolitical developments, economic policies and tariffs could impact prices.

¹ Refers to Commodity Markets Outlook by The World Bank, October 2024

² Refers to U.S Energy Information Administration, January 2025

³ Refers to Eurostats official website, 'EU household gas prices rise in the second half of 2024', May 2025

⁴ Refers to the Food and Agriculture Organisation (FAO) Food Price Index, January 2025

⁵ Refers to World Economic Outlook Update, January 2024

Malaysia's crude palm oil (CPO) output recovered in 2024, contributing to a moderate increase in prices, with the average price reaching RM4,212.50 per tonne, up from RM3,829.50 per tonne in 2023. The Malaysian Palm Oil Board (MPOB) projects CPO prices to average between RM4,000 and RM4,300 per tonne in 2025. According to MPOB, this positive outlook is supported by the continuation of biodiesel mandates, which are expected to maintain tight palm oil inventories amid subdued production growth in Malaysia.

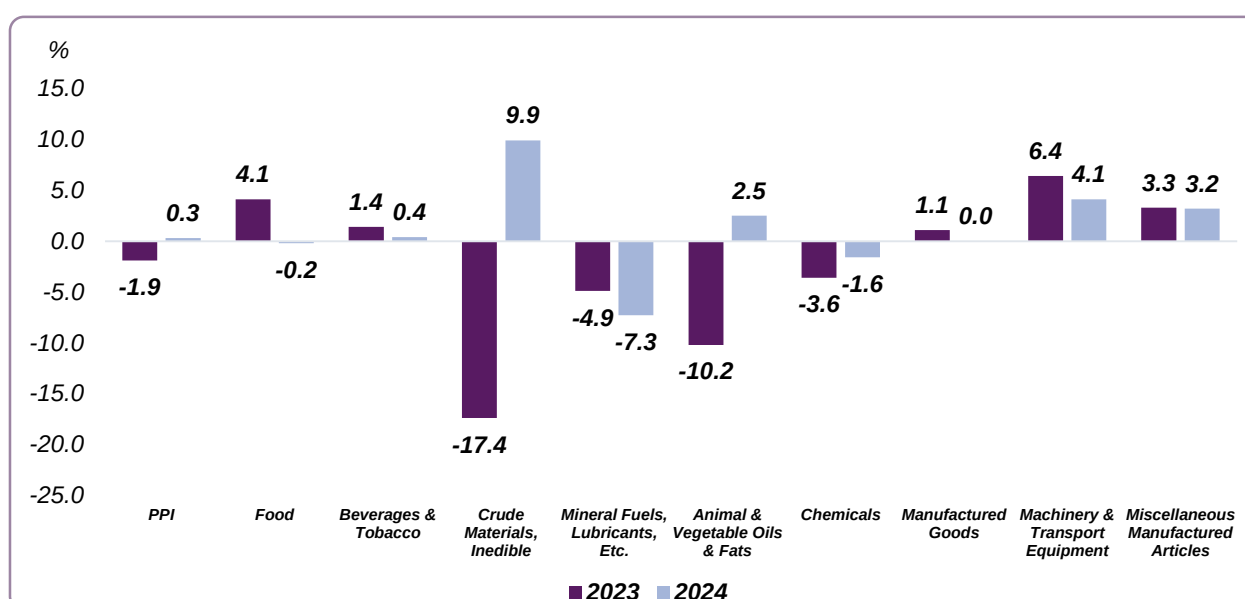
Malaysia's semiconductor sector experienced strong momentum in 2024, driven by a surge in exports, strategic foreign investments, and shifts in global supply chains. The implementation of the National Semiconductor Strategy (NSS) gained significant traction, supported by targeted incentives and talent development initiatives. Looking ahead to 2025, the industry is expected to maintain steady growth and stabilisation, bolstered by rising demand for AI technologies and continued realignment of global production networks in Malaysia's favour⁶.

⁶ Refers to *TheEdgeMalaysia*, March 2025

Producer Price Index by Commodity Section

In terms of PPI by commodity section, majority of the index recorded increases in 2024. The increases were observed in Crude materials, inedible (9.9%), Machinery & transport equipment (4.1%), Miscellaneous manufactured articles (3.2%), Animal & vegetable oils & fats (2.5%) and Beverages & tobacco (0.4%). The Manufactured goods index remained unchanged. Meanwhile, declines were recorded in Mineral fuels, lubricants, etc. (-7.3%), Chemicals (-1.6%), and Food (-0.2%) index. **[Chart 7]**

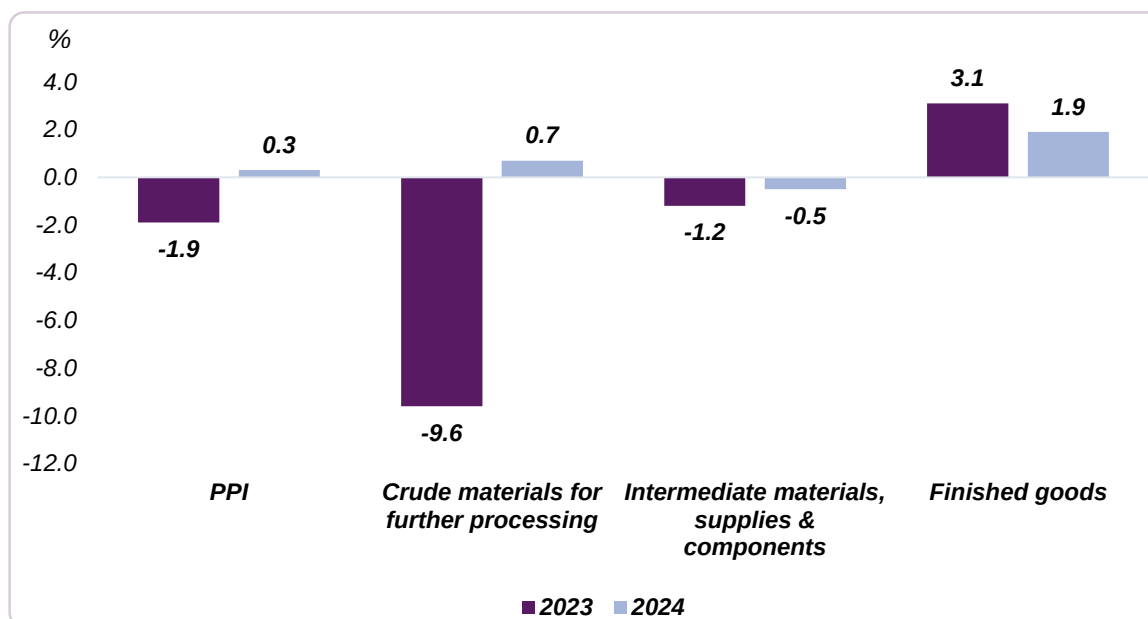
Chart 7: Annual Percentage Change of PPI by Commodity Section, 2023 and 2024



Producer Price Index by Stage of Processing

The Finished goods index increased by 1.9 per cent in 2024, moderating from a 3.1 per cent rise in the previous year. At the same time, the Crude materials for further processing index increased by 0.7 per cent after a 9.6 per cent drop in 2023. In contrast, the Intermediate materials, supplies & components index declined by 0.5 per cent, following a 1.2 per cent decrease in the previous year. **[Chart 8]**

Chart 8: Annual Percentage Change of PPI by Stage of Processing, 2023 and 2024



Stage of Processing 1:

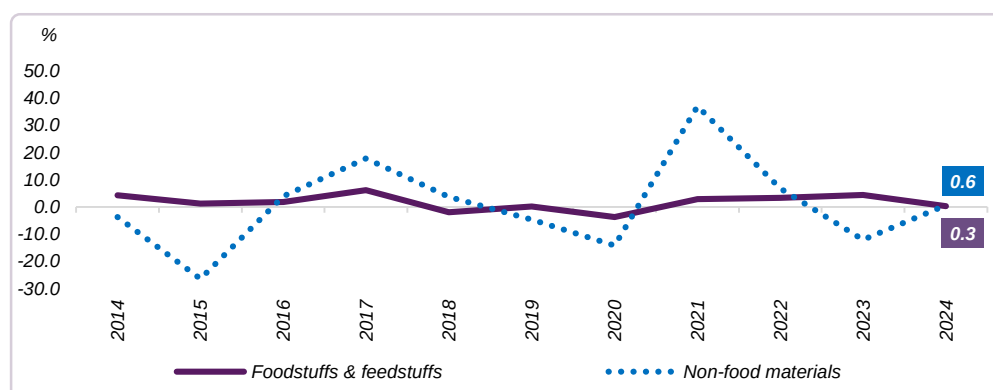
► Crude Materials for Further Processing

The Crude materials for further processing index increased by 0.7 per cent as compared to a 9.6 per cent decline in 2023. This was supported by a marginal 0.6 per cent rise in the Non-food materials index (2023: -12.1%) and a 0.3 per cent increase in the Foodstuffs & feedstuffs index (2023: 4.4%). The increase was mainly driven by higher commodity prices, particularly FFB for Non-food materials and chicken for Foodstuffs & feedstuffs. [\[Table 6\]](#)

Table 6: Crude Materials for Further Processing, 2023 and 2024

Stage of Processing 1	Index		Percentage Change (%)	
	2023	2024	2023	2024
Crude materials for futher processing	116.7	117.5	-9.6	0.7
Foodstuffs & feedstuffs	138.1	138.5	4.4	0.3
Non-food materials	111.1	111.8	-12.1	0.6
Non-food materials except fuel	110.9	125.1	-22.4	12.8
Crude fuel	110.3	104.6	-6.1	-5.2

Chart 9: Annual Percentage Change of Crude Materials for Further Processing, 2014 – 2024



Stage of Processing 2:

► Intermediate Materials, Supplies & Components

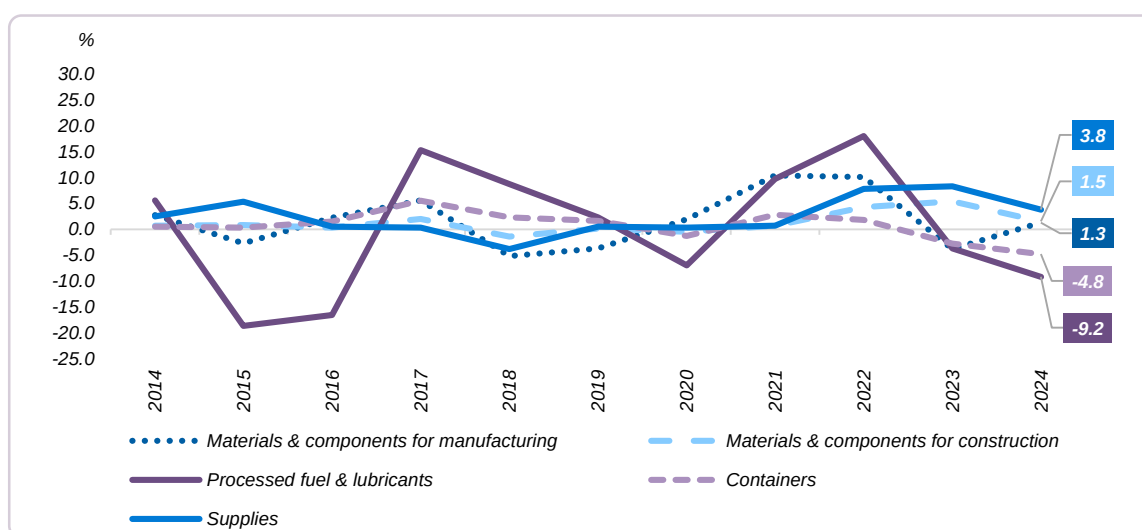
The marginal decrease in the Intermediate materials, supplies & components index by 0.5 per cent was attributed to Processed fuel & lubricants (-9.2%) and Containers (-4.8%) indices. However, Supplies (3.8%), Materials & components for construction (1.5%) and Materials & components for manufacturing (1.3%) indices went up in 2024. [Table 7]

Materials for food manufacturing index increased by 3.9 per cent. At the same time, Materials for other manufacturing index comprises of palm oil products (palm oil RBD, palm olein) also increased by 0.8 per cent.

Table 7: Intermediate materials, supplies and components, 2023 and 2024

Stage of Processing 2	Index		Percentage Change (%)	
	2023	2024	2023	2024
Intermediate materials, supplies and components	125.2	124.6	-1.2	-0.5
Materials & components for manufacturing	118.7	120.3	-3.8	1.3
Materials for food manufacturing	121.3	126.0	-9.1	3.9
Materials for other manufacturing	119.9	120.9	-2.6	0.8
Materials and components for construction	115.1	116.8	5.4	1.5
Processed fuel and lubricants	139.8	127.0	-3.7	-9.2
Containers	114.6	109.1	-2.8	-4.8
Supplies	137.7	143.0	8.3	3.8
Manufacturing industries	137.4	140.9	9.5	2.5
Non-manufacturing industries	135.4	143.1	6.6	5.7

Chart 10: Annual Percentage Change of Intermediate, Supplies & Components, 2014 – 2024



Stage of Processing 3:

➤ Finished Goods

The Finished goods index increased by 1.9 per cent in 2024, as compared to 3.1 per cent in 2023. This was contributed by a 3.9 per cent increase in the Capital equipment index. In contrast, the Finished consumer goods index declined by 0.8 per cent, following a 1.8 per cent increase in the previous year. [Table 8]

The increase in the Capital equipment index was supported by both Manufacturing industries (2.9%) and Non-manufacturing industries (4.5%) indices. Meanwhile, the Finished consumer goods index was dragged down by the Finished consumer good, excluding foods index which recorded a decline of 1.7 per cent.

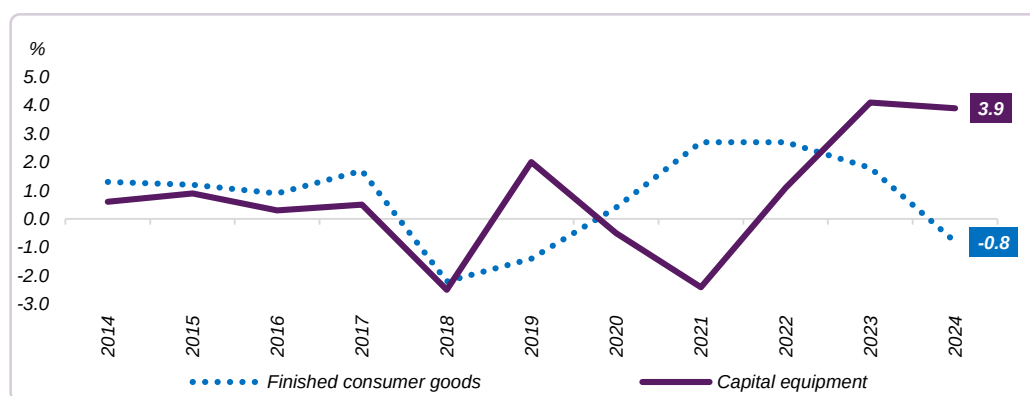
Table 8: Finished Goods, 2023 and 2024

Stage of Processing 3	Index		Percentage Change (%)	
	2023	2024	2023	2024
Finished goods	106.2	108.2	3.1	1.9
Finished consumer goods	114.9	114.0	1.8	-0.8
Finished consumer foods	129.7	131.3	3.0	1.2
Finished consumer goods, excluding foods	108.7	106.9	1.2	-1.7
Capital equipment	101.8	105.8	4.1	3.9
Manufacturing industries	100.3	103.2	2.6	2.9
Non-manufacturing industries	102.4	107.0	5.1	4.5

The Finished consumer goods index was influenced by the indices of Finished consumer foods (1.2%) and Finished consumer goods, excluding foods (-1.7%). The Finished consumer goods index is commonly compared to the Consumer Price Index (CPI) for analysing overall price trends. Specifically, the Finished consumer foods index being a component of the Finished consumer goods category is typically compared to the Food & non-alcoholic beverages group in the CPI.

The Finished consumer foods index rose by 1.2 per cent in 2024, moderating from a 3.0 per cent increase in 2023. This trend closely mirrored the movement of the Food & beverages group in the CPI, which recorded increases of 2.0 per cent in 2024 and 4.8 per cent in 2023¹¹.

Chart 11: Annual Percentage Change of Finished Goods, 2014 – 2024



¹¹Refers to the Analysis of Annual Consumer Price Index 2024

Services Producer Price Index as a Price Deflator

Mardziah Nawama and Jamilah Omar

Introduction

The development of the Services Producer Price Index (SPPI) by the Department of Statistics Malaysia began in 2008, in line with the liberalisation of the services subsector announced by the Government in 2009. The SPPI was developed based on the Methodological Guide for Developing Producer Price Indices for Services published by the Organisation for Economic Co-operation and Development (OECD), Eurostat, and a joint Eurostat-OECD Task Force.

The compilation of the Services Producer Price Index (SPPI) is to measure the average change in prices charged by the local services industry in Malaysia. Additionally, the SPPI serves as a deflator in the compilation of the Volume Index of Services (IoS) and Gross Domestic Product (GDP).

Key Pricing Concepts in SPPI (OECD Approach)

The OECD provides methodological guidance which emphasizes selecting representative pricing methods to accurately reflect price movements in service industries. However, the OECD recommends using actual transaction prices whenever possible to ensure accuracy. The choice of pricing method depends on the nature of the service subsector and data availability. Malaysia's services producer price collection refers to actual transaction prices rather than list prices. The prices include surcharges charged to customers but exclude discounts, rebates and taxes imposed on the services.

GDP Deflator

According to Eurostat¹, 'A deflator is a figure expressing the change in prices over a period of time for a product or a basket of products, which is used to 'deflate' (price adjust) a measure of value changes for the same period (for example the sales of the product or basket), thus removing the price increases or decreases and leaving only volume changes. A deflator compares a reference period to a base period, and it can be expressed either as an index or a percentage change. A value which has been adjusted by way of a deflator is called deflated'.

The GDP deflator is a price index that measures the average level of prices of all new goods and services within an economy. It is used to convert nominal GDP (measured in current prices) into real GDP (measured in constant prices), which reflects the actual volume of goods and services produced². To remove the effect of inflation, deflators must be applied. These deflators are typically price indices, such as the Producer Price Index (PPI), Services Producer Price Index (SPPI) or Consumer Price Index (CPI), which track how the prices of goods or services change over time.

Services Producer Price Index as a Deflator

The services sector plays a vital role in most modern economies, contributing significantly to GDP. As such, accurately measuring the real growth of this sector is essential for assessing overall economic performance. The SPPI serves this purpose by tracking price changes for services provided by the domestic services industry. It reflects inflationary pressures within the sector and can be used to deflate the nominal value of services output, thereby estimating its real value.

The IoS, which measures the volume of output in the services sector, relies on SPPIs as deflators to ensure that it captures real changes in the quantity of services produced, rather than changes driven solely by price fluctuations. Without appropriate deflators, comparisons of economic output over time would be misleading as nominal increases could reflect inflation rather than genuine growth. For instance, a rise in nominal GDP might not represent real economic progress if it stems primarily from higher prices rather than increased production.

Scope and Coverage

The selection of industries is based on the contribution of output by industries from the Economic Census 2016 (reference year 2015). The selected industries contribute 75.3 per cent to the overall Services Sector. Price data collection is primarily conducted by the Department of Statistics covering 8 out of the 13 services subsectors.

These are the following breakdown industries that are covered in SPPI compilation:

¹ Refers to European statistics, Eurostats

² Refers to Office for National Statistics (ONS) website, <https://www.ons.gov.uk>

Table 1: List of covered SPPI in the Services Subsector

Section	Description
H	Transportation
I	Accommodation and Food Service Activities & Beverages
J	Information & Communication
L	Real Estate Activities
M	Professional
P	Education
Q	Health
R	Arts, Entertainment & Recreation

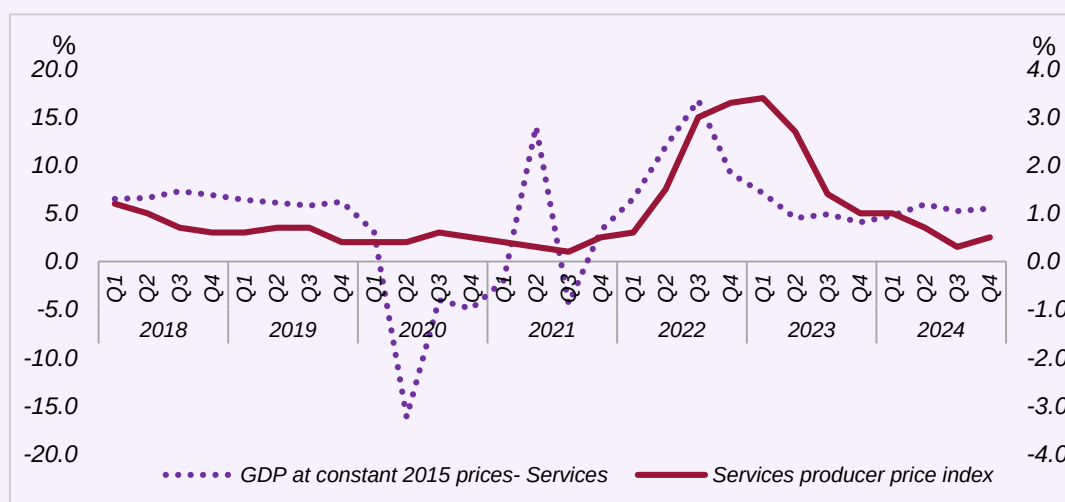
Source: Department of Statistics Malaysia (DOSM)

This article aims to examine the relationship between the SPPI and GDP for services sector, as well as between the SPPI and the Volume Index of Services. The Pearson Correlation Coefficient analysis was conducted using a significance level, $\alpha = 0.05$, based on quarterly time series data from 2018 to 2024.

The Findings

i) SPPI vs GDP for services sector

Chart 1: SPPI vs GDP for services sector, 2018 – 2024



Source: Department of Statistics Malaysia (DOSM)

Table 2: Pearson Correlation Coefficient: SPPI vs GDP for services sector

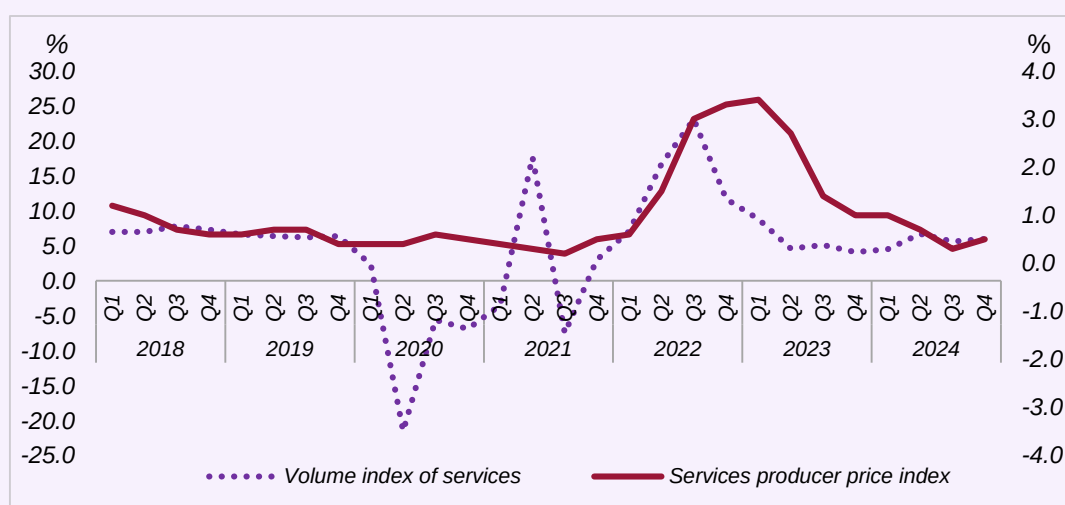
	Services producer price index	GDP at constant 2015 prices- Services sector
Services producer price index	1	0.41
GDP at constant 2015 prices- Services sector	0.41	1

Source: Department of Statistics Malaysia (DOSM)

A Pearson Correlation Coefficient of 0.41 indicates a moderate positive correlation between the Services Producer Price Index (SPPI) and GDP for services sector. Since the value is positive, an increase in SPPI tends to correspond with an increase in GDP for services sector, and vice versa. However, while changes in SPPI may have some impact on GDP for services sector, other factors also influence GDP for Services sector.

ii) SPPI vs Volume Index of Services

Chart 2: SPPI vs Volume Index of Services, 2018–2024



Source: Department of Statistics Malaysia (DOSM)

Table 3: Pearson Correlation Coefficient: SPPI vs Volume Index of Services

	Services producer price index	Volume index of services
Services producer price index	1	0.45
Volume index of services	0.45	1

Source: Department of Statistics Malaysia (DOSM)

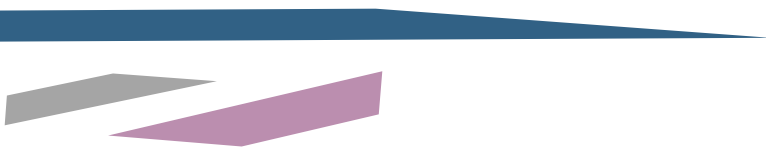
A Pearson Correlation Coefficient of 0.45 indicates a moderate positive correlation between the Services Producer Price Index (SPPI) and Volume Index of Services (IoS). Since the value is positive, an increase in SPPI tends to correspond with an increase in Volume Index of Services (IoS), and vice versa. However, while changes in SPPI may have some impact on Volume Index of Services (IoS), other factors also influence services index growth.

Conclusion

While the SPPI is an important measure of inflation for the services sector, it only reflects price changes in services provided by the local services industry in Malaysia. In contrast, the GDP for services sector deflator and the Volume Index of Services are broader measures, reflecting price changes across all domestically produced services, including government services and exports. Nonetheless, the SPPI remains a valuable component or supporting indicator, particularly when analysing the services component of GDP for Services sector. Hence, coverage SPPI will be updated in line with the current Malaysia's practices as recommended by manual.

Disclaimer

The views expressed are the opinion of the author and do not necessarily represent the views of the Department of Statistics Malaysia (DOSM).



INDEKS HARGA PENGELUAR PERKHIDMATAN (IHPRP)

***SERVICES PRODUCER PRICE
INDEX (SPPI)***



KANDUNGAN

CONTENTS

INDEKS HARGA PENGELUAR PERKHIDMATAN

SERVICES PRODUCER PRICE INDEX

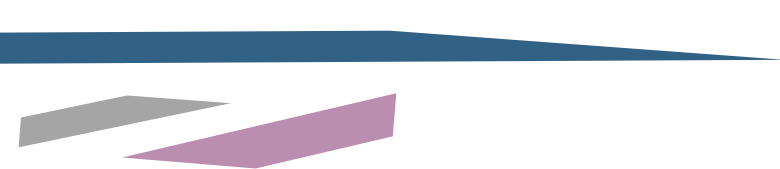
1	Sepintas Lalu <i>Snapshot</i>	59 60
2	Ringkasan Penemuan <i>Summary of Findings</i>	63 69
3	Jadual IHPRP <i>SPPI Tables</i>	99 99
4	Nota Teknikal <i>Technical Notes</i>	127 135

SENARAI JADUAL

LIST OF TABLES

INDEKS HARGA PENGELUAR PERKHIDMATAN SERVICES PRODUCER PRICE INDEX

Jadual Table		Muka Surat Page
1	Indeks Harga Pengeluar Perkhidmatan (IHPRP) mengikut Seksyen (MSIC 2008), Malaysia 2011-2024 <i>Services Producer Price Index (SPPI) by Section (MSIC 2008), Malaysia 2011-2024</i>	99
2	Peratus Perubahan Tahunan Indeks Harga Pengeluar Perkhidmatan (IHPRP) mengikut Seksyen (MSIC 2008), Malaysia 2011-2024 <i>Annual Percentage Change of Services Producer Price Index (SPPI) by Section (MSIC 2008), Malaysia 2011-2024</i>	99
3	Indeks Harga Pengeluar Perkhidmatan (IHPRP) mengikut Seksyen, Bahagian dan Kumpulan (MSIC 2008), Malaysia, 2011-2024 <i>Services Producer Price Index (SPPI) by Section, Division and Group (MSIC 2008), Malaysia, 2011-2024</i>	100
4	Peratus Perubahan Tahunan Indeks Harga Pengeluar Perkhidmatan (IHPRP) mengikut Seksyen, Bahagian dan Kumpulan (MSIC 2008), Malaysia, 2011-2024 <i>Annual Percentage Change Services Producer Price Index (SPPI) by Section, Division and Group (MSIC 2008), Malaysia, 2011-2024</i>	102



SEPINTAS LALU IHPRP

*SNAPSHOT
SPPI*





KEMENTERIAN EKONOMI
JABATAN PERANGKAIAN MALAYSIA

INDEKS HARGA PENGELUAR PERKHIDMATAN (IHPRP), 2024

Indeks Harga
Pengeluar
Perkhidmatan
(IHPRP)
meningkat
0.7 peratus
pada 2024

2024

0.7%

2023

2.1%

2022

2.1%

-1.4%

2.9%

3.0%

Pengangkutan



2.6%

5.6%

5.4%

Penginapan dan
aktiviti perkhidmatan
makanan & minuman



0.0%

0.0%

0.0%

Maklumat &
komunikasi



0.3%

0.2%

0.2%

Aktiviti hartanah



IHPRP MENGIKUT SUBSEKTOR

Nota :

2024

2023

2022



Kesenian, hiburan &
rekreasi

6.7%

2.3%

4.3%



Kesihatan

0.3%

0.3%

0.3%



Pendidikan

0.8%

1.0%

0.9%



Profesional

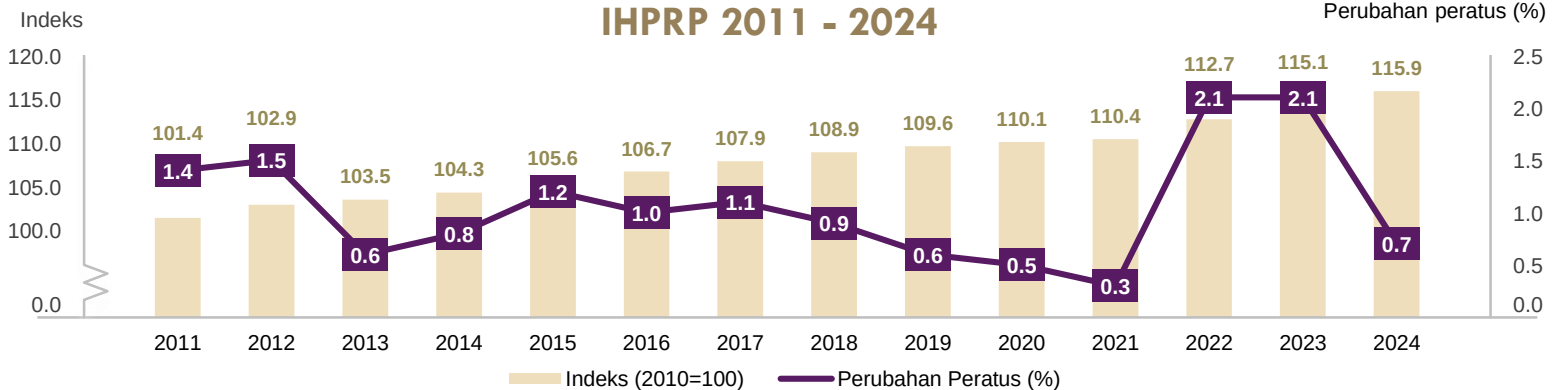
0.2%

0.4%

0.4%

IHPRP 2011 - 2024

Perubahan peratus (%)



Sumber: Analisis Indeks Harga Pengeluar Tahunan 2024, Jabatan Perangkaan Malaysia (DOSM)



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MINISTRY OF ECONOMY
DEPARTMENT OF STATISTICS MALAYSIA

SERVICES PRODUCER PRICE INDEX (SPPI), 2024

Services Producer Price Index (SPPI)

increased

0.7 per cent
in **2024**

2024

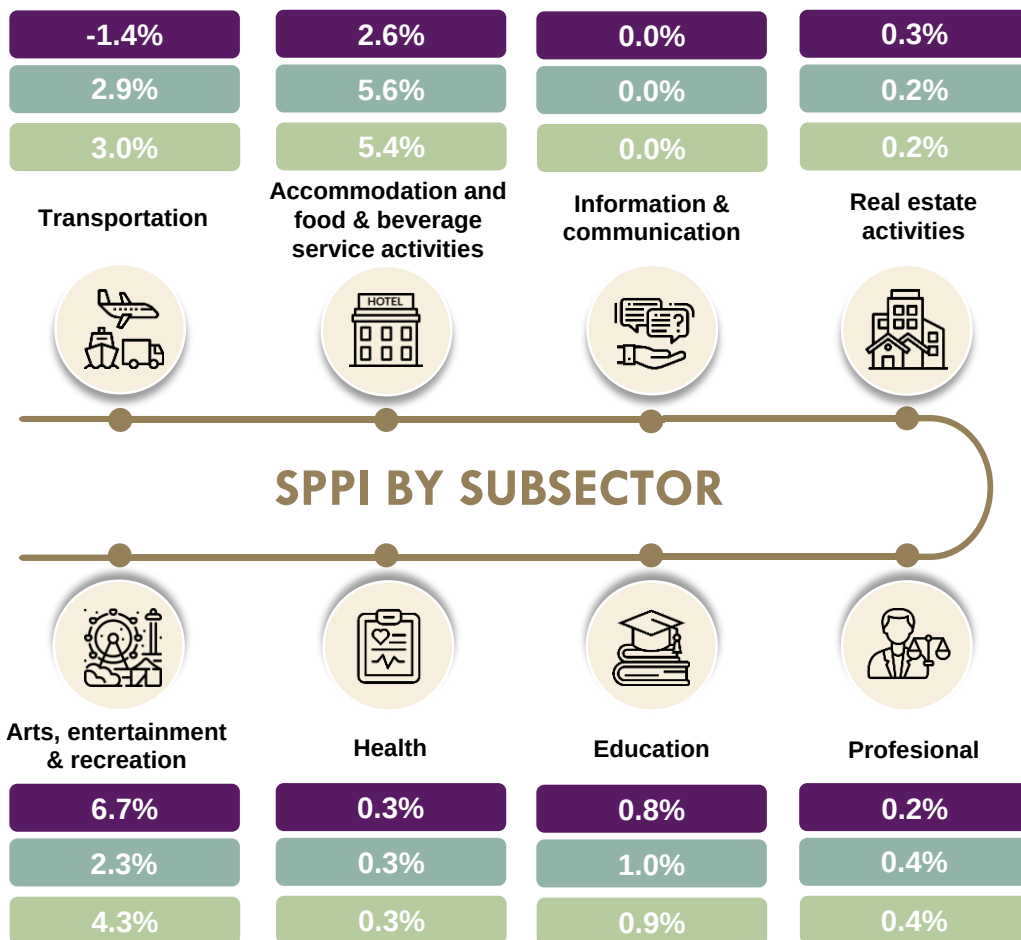
0.7%

2023

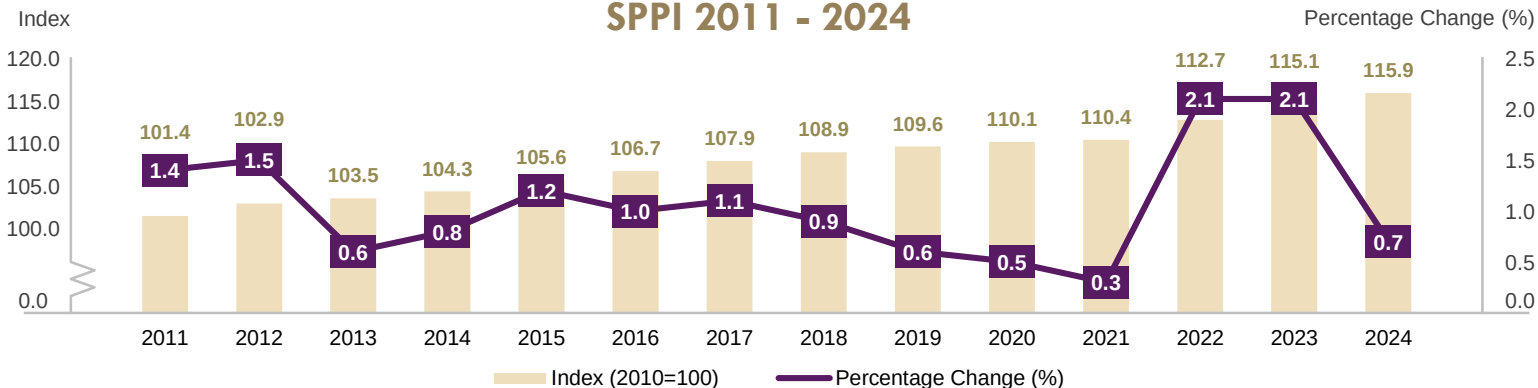
2.1%

2022

2.1%



SPPI 2011 - 2024

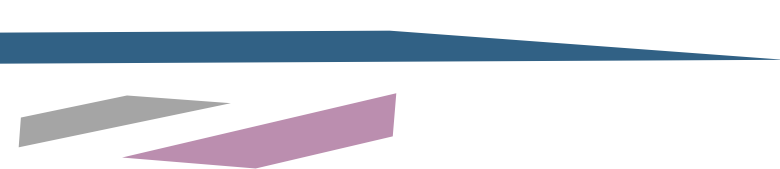


Source: Analysis of Annual Producer Price Index 2024, Department of Statistics Malaysia (DOSM)



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RINGKASAN PENEMUAN IHPRP

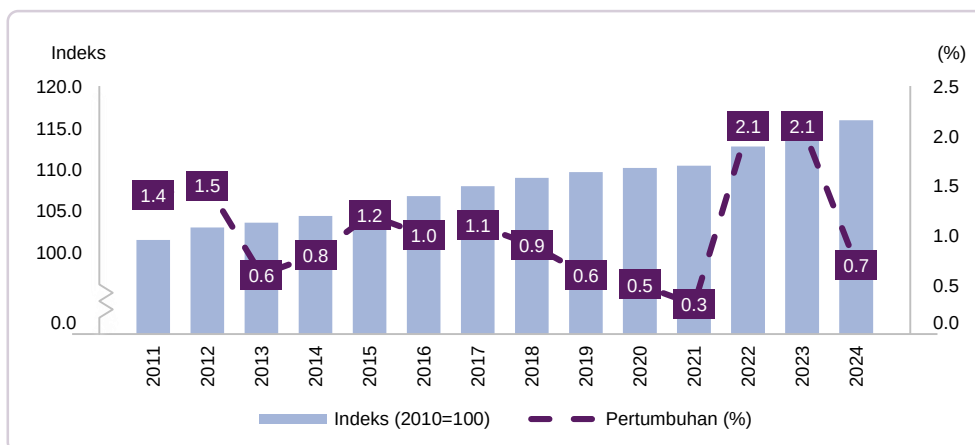
***SUMMARY OF
FINDINGS
SPPI***



Indeks Harga Pengeluar Perkhidmatan Keseluruhan 2024

Indeks Harga Pengeluar Perkhidmatan (IHPRP) meningkat 0.7 peratus pada 2024, peningkatan yang lebih perlahan berbanding 2.1 peratus pada tahun 2023. **[Carta 1]**

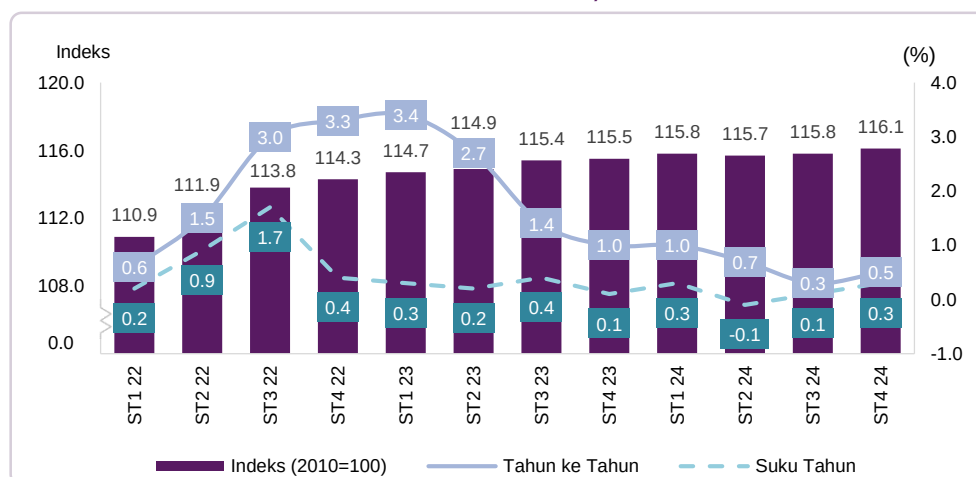
Carta 1: IHPRP Perubahan Tahunan, 2011 – 2024



Sepanjang tahun 2024, IHPRP mengekalkan momentum positif, walaupun pada kadar pertumbuhan yang lebih sederhana. Pada asas tahun ke tahun, IHPRP mencatatkan pertumbuhan 1.0 peratus pada suku pertama (ST1) 2024, diikuti peningkatan sebanyak 0.7 peratus pada ST2 2024, 0.3 peratus pada ST3 2024 dan 0.5 peratus pada ST4 2024. **[Carta 2]**

Pada asas suku tahunan pula, IHPRP mencatatkan peningkatan 0.3 peratus pada ST1 2024, namun menurun sedikit 0.1 peratus pada ST2 2024. Indeks kemudiannya meningkat dengan mencatatkan peningkatan 0.1 peratus pada ST3 2024 dan 0.3 peratus pada ST4 2024.

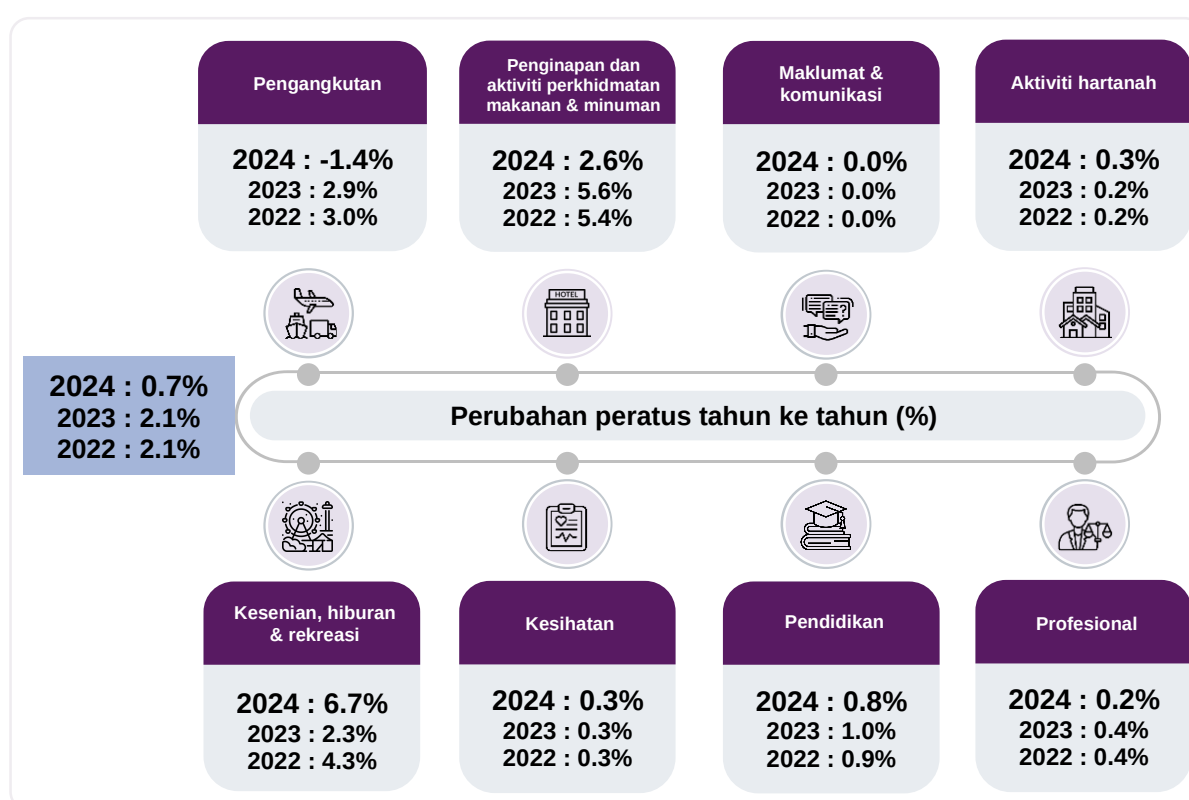
Carta 2: IHPRP Suku Tahun, 2022 – 2024



Indeks Harga Pengeluar Perkhidmatan mengikut Subsektor

IHPRP mencatatkan purata 115.9 mata pada tahun 2024, peningkatan 0.7 peratus, berbanding 2.1 peratus pada 2023. Peningkatan ini disumbangkan terutamanya oleh indeks Kesenian, hiburan & rekreasi (6.7%), Penginapan dan aktiviti perkhidmatan makanan & minuman (2.6%) dan Pendidikan (0.8%). Subsektor lain yang mencatatkan peningkatan adalah indeks Kesihatan dan Aktiviti hartanah, kedua-duanya meningkat 0.3 peratus, diikuti oleh indeks Profesional yang meningkat 0.2 peratus. Sebaliknya, indeks Pengangkutan turun 1.4 peratus, manakala indeks Maklumat & komunikasi kekal tidak berubah. **[Paparan 1]**

Paparan 1: Perubahan Peratus Tahunan IHPRP, 2022 – 2024

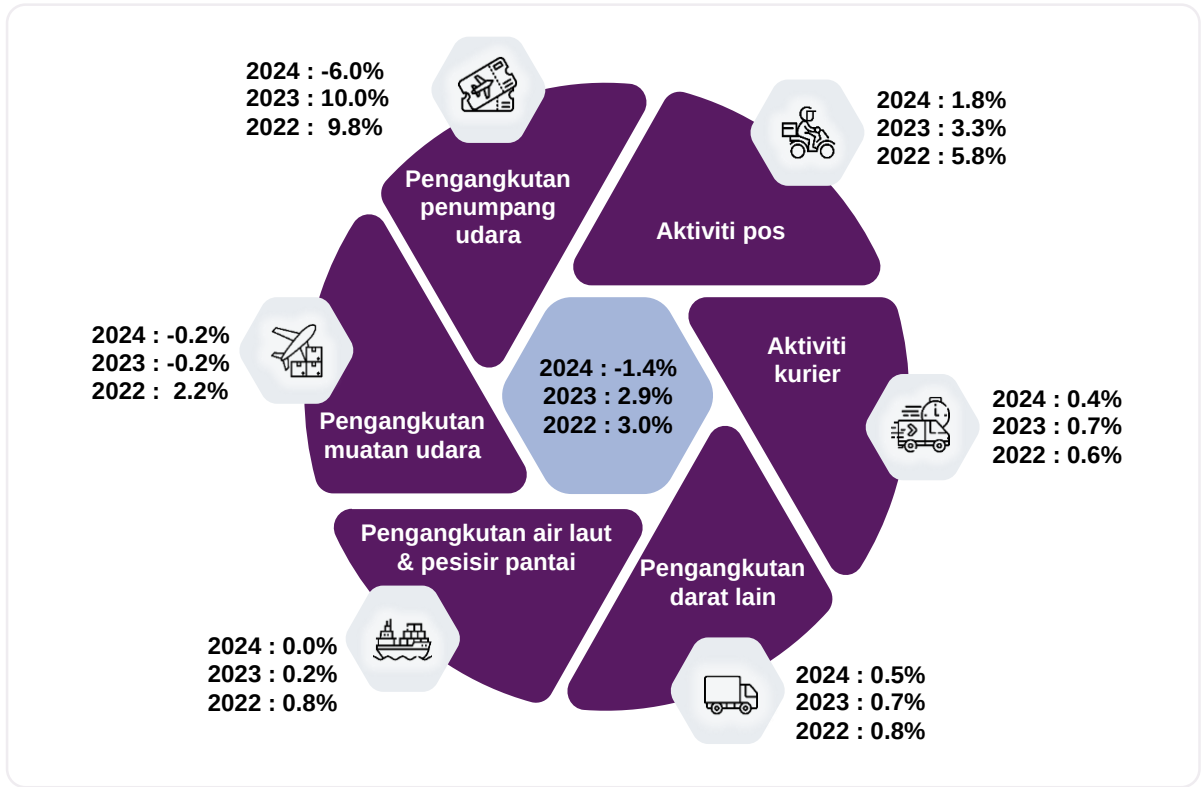


Pengangkutan

Subsektor Pengangkutan mencatatkan penurunan 1.4 peratus pada tahun 2024 berbanding kenaikan 2.9 peratus pada tahun 2023. Penurunan ini disebabkan terutamanya oleh indeks Pengangkutan penumpang udara (-6.0%) dan Pengangkutan muatan udara (-0.2%). Namun begitu, indeks lain yang mencatatkan kenaikan adalah Aktiviti pos (1.8%), Pengangkutan

darat lain (0.5%) dan Aktiviti kurier (0.4%). Sementara itu, indeks Pengangkutan air laut & pesisir pantai kekal tidak berubah. **[Paparan 2]**

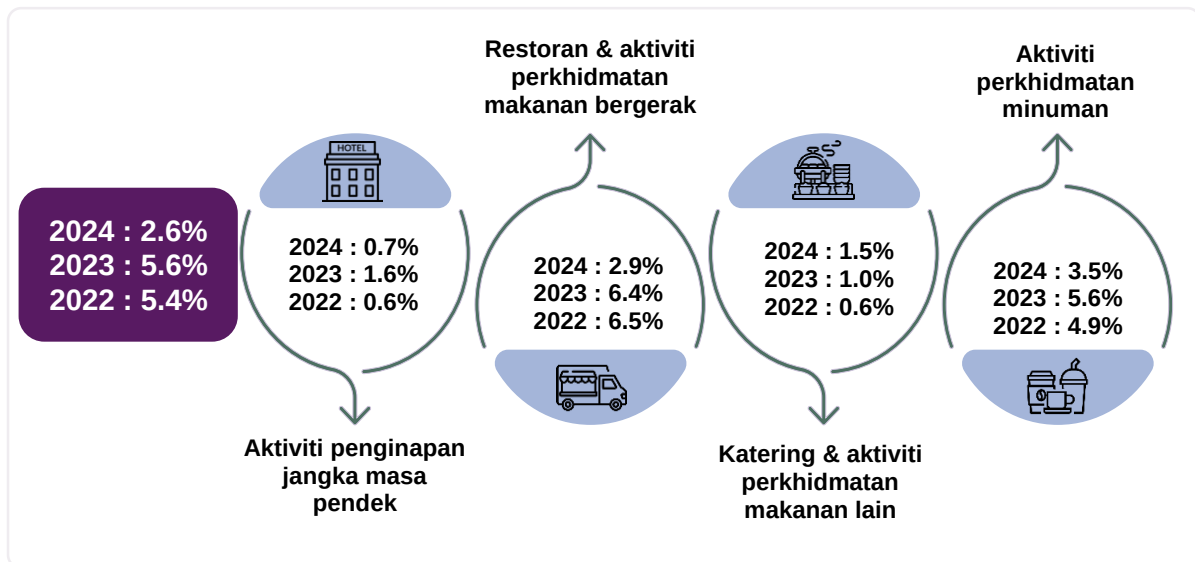
Paparan 2: Perubahan Peratus Tahunan Subsektor Pengangkutan, 2022 – 2024



Penginapan dan Aktiviti Perkhidmatan Makanan & Minuman

Indeks Penginapan dan aktiviti perkhidmatan makanan & minuman meningkat 2.6 peratus pada 2024, perlahan berbanding 5.6 peratus pada 2023. Peningkatan ini disebabkan terutamanya oleh indeks Aktiviti perkhidmatan minuman (3.5%) dan Restoran & aktiviti perkhidmatan makanan bergerak (2.9%). Sementara itu, indeks Katering & aktiviti perkhidmatan makanan lain dan Aktiviti penginapan jangka masa pendek juga masing-masing mencatatkan peningkatan 1.5 peratus dan 0.7 peratus. **[Paparan 3]**

Paparan 3: Perubahan Peratus Tahunan Subsektor Penginapan dan Aktiviti Perkhidmatan Makanan & Minuman, 2022 – 2024



Maklumat & Komunikasi

Subsektor Maklumat & komunikasi pada 2024 kekal tidak berubah, konsisten dengan kadar yang dicatatkan pada 2023. Walau bagaimanapun, dalam subsektor ini, indeks Aktiviti prosesan data, hosting & yang berkaitan; web portal dan Pengaturcaraan komputer, perundangan & aktiviti berkaitan masing-masing mencatatkan peningkatan perlahan iaitu 0.3 peratus dan 0.1 peratus. Sementara itu, indeks Aktiviti telekomunikasi tanpa wayar turun perlahan 0.1 peratus.

Aktiviti Hartanah

Subsektor Aktiviti hartanah meningkat 0.3 peratus pada 2024, perlahan berbanding 0.2 peratus pada 2023. Peningkatan ini disokong oleh Aktiviti hartanah atas dasar bayaran atau kontrak (0.3%).

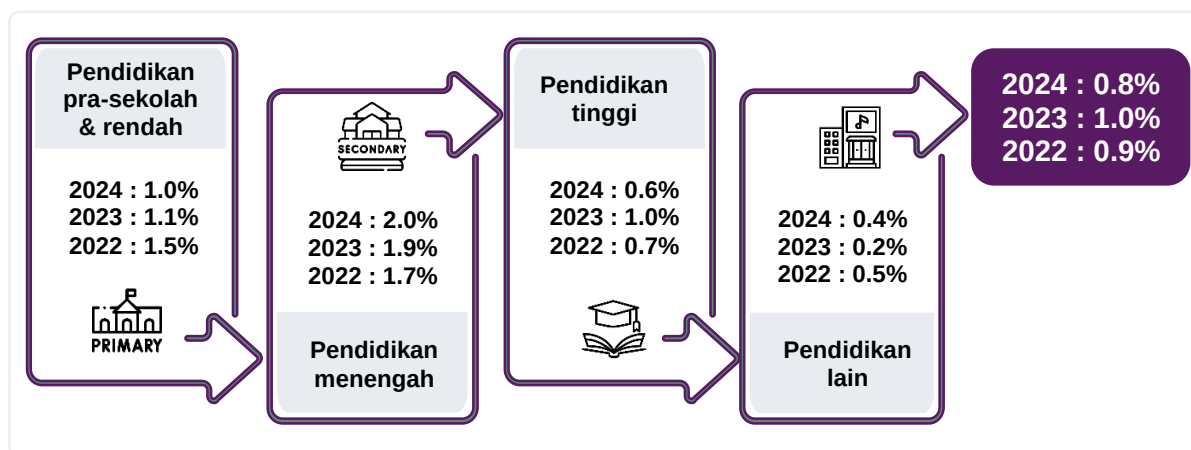
Profesional

Subsektor Profesional meningkat 0.2 peratus pada 2024, berbanding 0.4 peratus pada 2023. Peningkatan ini disokong oleh indeks Aktiviti perakaunan, simpan kira & audit; perundangan percukaian dan Aktiviti arkitek dan kejuruteraan & perundangan teknikal yang berkaitan iaitu masing-masing mencatatkan kenaikan 0.3 peratus. Ini diikuti oleh indeks Aktiviti guaman naik 0.2 peratus.

Pendidikan

Subsektor Pendidikan meningkat 0.8 peratus pada 2024, peningkatan perlahan berbanding 1.0 peratus pada 2023. Peningkatan ini disebabkan oleh indeks Pendidikan menengah (2.0%), Pendidikan tinggi (0.6%) dan Pendidikan lain (0.4%). [Paparan 4]

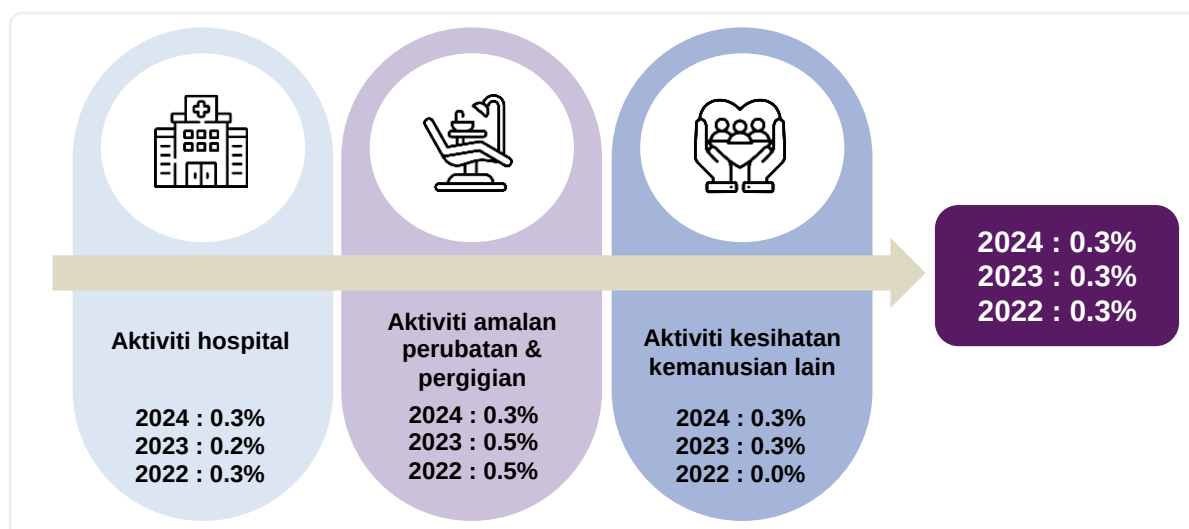
Paparan 4: Perubahan Peratus Tahunan Subsektor Pendidikan, 2022 – 2024



Kesihatan

Subsektor Kesihatan meningkat 0.3 peratus pada 2024, sama seperti yang dicatatkan pada 2023. Peningkatan ini disumbangkan oleh indeks Aktiviti hospital, Aktiviti amalan perubatan & pergigian dan Aktiviti kesihatan kemanusiaan lain iaitu masing-masing mencatatkan kenaikan 0.3 peratus. [Paparan 5]

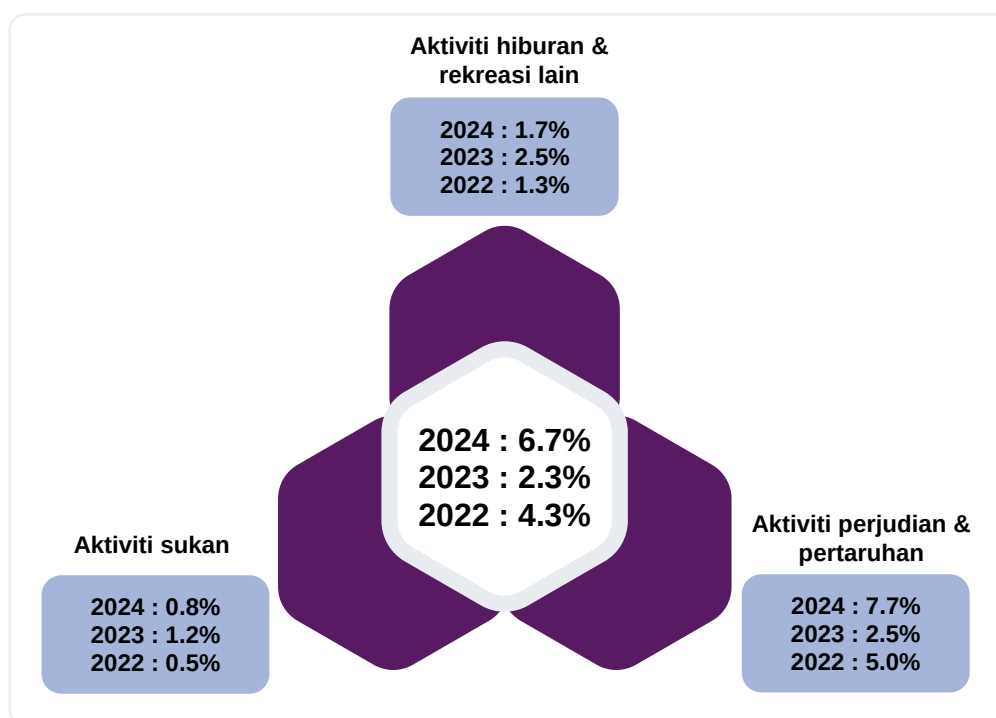
Paparan 5: Perubahan Peratus Tahunan Subsektor Kesihatan, 2022 – 2024



Kesenian, Hiburan & Rekreasi

Subsektor Kesenian, hiburan & rekreasi mencatatkan peningkatan 6.7 peratus pada tahun 2024, berbanding 2.3 peratus pada tahun sebelumnya. Peningkatan ini didorong oleh indeks Aktiviti perjudian & pertaruhan (7.7%), Aktiviti hiburan & rekreasi lain (1.7%) dan Aktiviti sukan (0.8%). **[Paparan 6]**

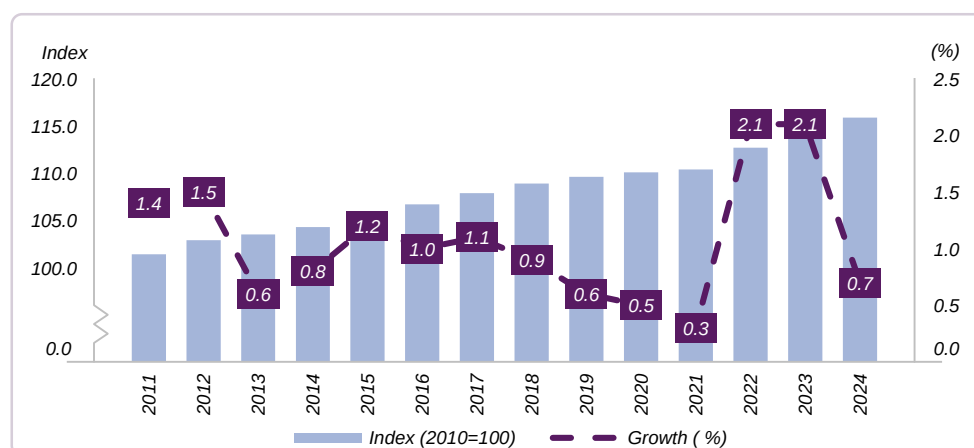
Paparan 6: Perubahan Peratus Tahunan Subsektor Kesenian, Hiburan & Rekreasi, 2022 – 2024



Overall Services Producer Price Index in 2024

The Services Producer Price Index (SPPI) rose by 0.7 per cent in 2024, a slower increase as compared to 2.1 per cent in 2023. [\[Chart 1\]](#)

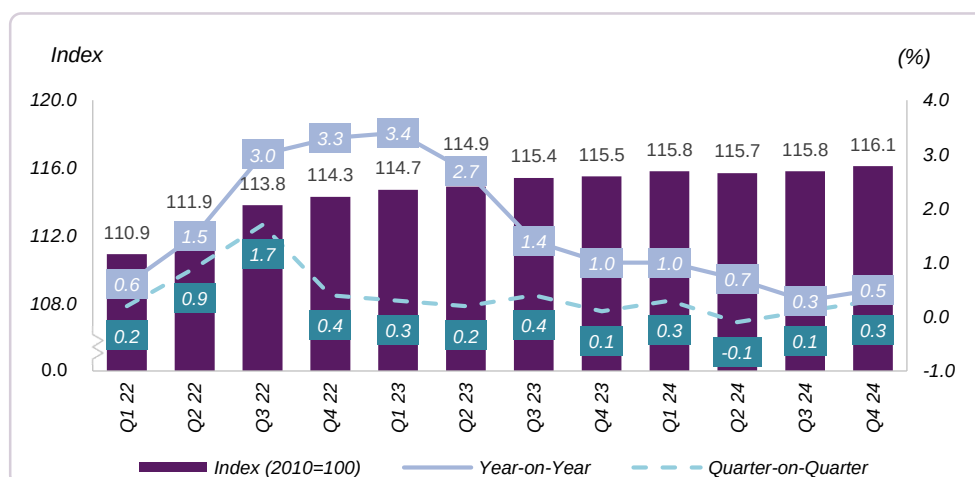
Chart 1: Yearly Changes SPPI, 2011 – 2024



Throughout 2024, the SPPI maintained a positive momentum, albeit at a moderated pace. On a year-on-year basis, the SPPI recorded a growth of 1.0 per cent in the first quarter (Q1) of 2024, followed by increases of 0.7 per cent in Q2 2024, 0.3 per cent in Q3 2024, and 0.5 per cent in Q4 2024. [\[Chart 2\]](#)

On a quarter-on-quarter basis, the SPPI registered a 0.3 per cent rise in Q1 2024, but declined slightly by 0.1 per cent in Q2 2024. The index then rebounded, posting an increase of 0.1 per cent in Q3 2024 and 0.3 per cent in Q4 2024.

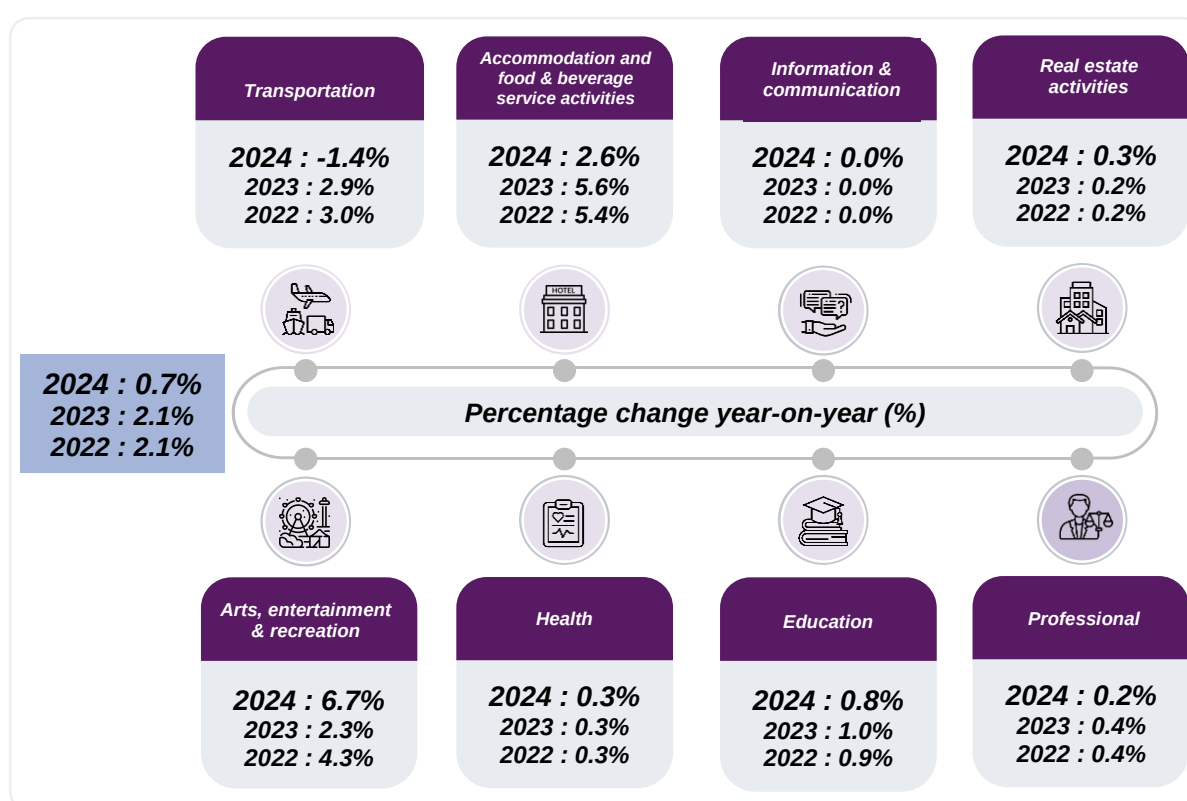
Chart 2: Quarterly SPPI, 2022 – 2024



Services Producer Price Index by Subsector

The SPPI averaged 115.9 points in 2024, an increase of 0.7 per cent, compared to 2.1 per cent in 2023. The increase was primarily driven by the Arts, entertainment & recreation index (6.7%), Accommodation and food & beverage service activities (2.6%) and Education (0.8%) indices. Other subsectors that recorded an increase were Health and Real estate indices, both rising by 0.3 per cent, followed by the Professional index which increased by 0.2 per cent. In contrast, the Transportation index declined by 1.4 per cent, while the Information & communication index remained unchanged. **[Exhibit 1]**

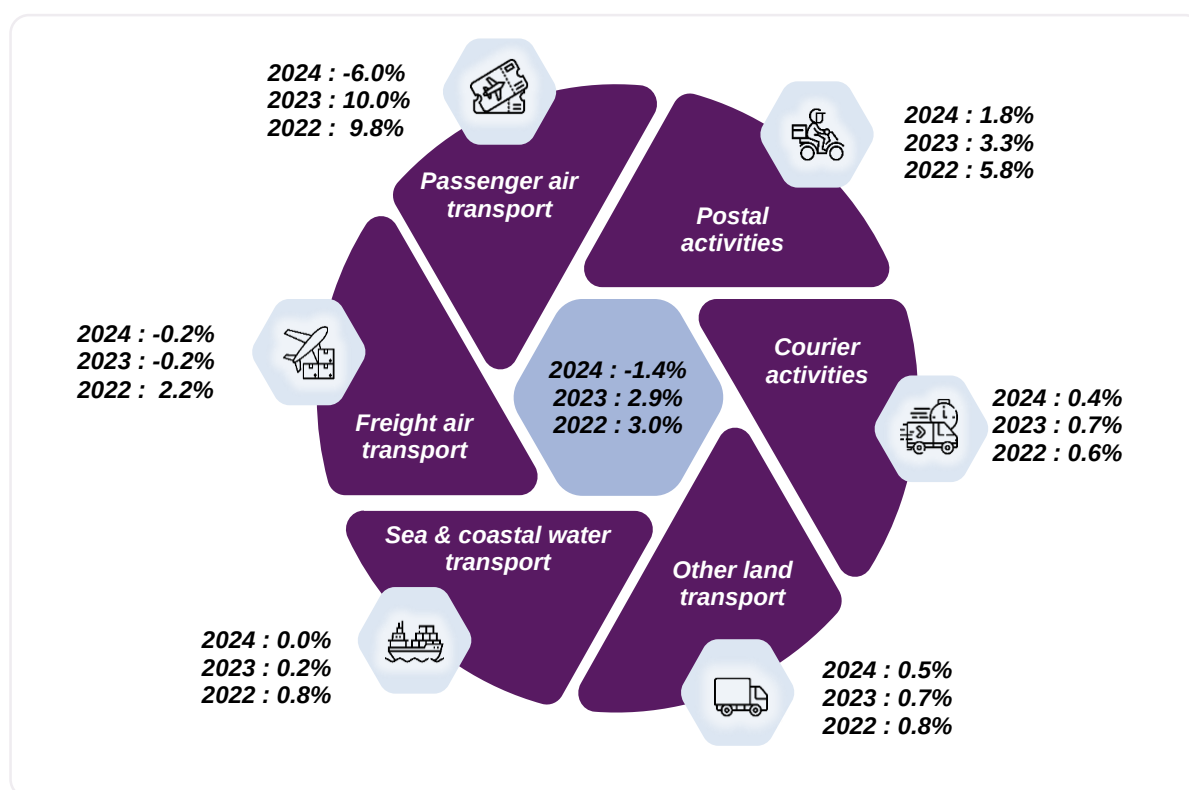
Exhibit 1: Annual Percentage Change of SPPI, 2022 – 2024



Transportation

The Transportation subsector recorded a decline of 1.4 per cent in 2024 as against to a 2.9 per cent increase in 2023. The decrease was mainly attributed to Passenger air transport (-6.0%) and Freight air transport (-0.2%) indices. However, other subsector registered increases were Postal activities (1.8%), Other land transport (0.5%) and Courier activities (0.4%). Meanwhile, the index of Sea & costal water transport remained unchanged. **[Exhibit 2]**

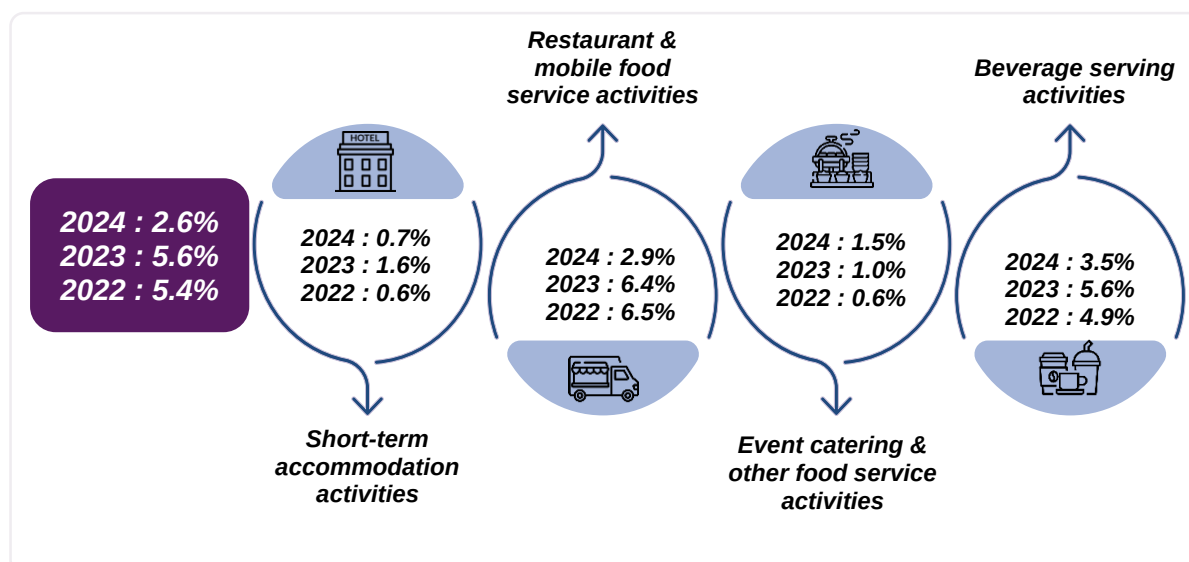
Exhibit 2: Annual Percentage Change of Transportation Subsector, 2022 – 2024



Accommodation and Food & Beverage Service Activities

The index of Accommodation and food & beverage service activities rose by 2.6 per cent in 2024, moderating from a 5.6 per cent increase in 2023. The increase was mainly contributed by index of Beverage serving activities (3.5%) and Restaurants & mobile food service activities (2.9%). Additionally, Event catering & other food service activities and Short-term accommodation activities indices also recorded increases of 1.5 per cent and 0.7 per cent, respectively. **[Exhibit 3]**

Exhibit 3: Annual Percentage Change of Accommodation and Food & Beverage Service Activities, 2022 – 2024



Information & Communication

The Information & communication subsector in 2024 remained unchanged, consistent with the rate recorded in 2023. However, within the subsector, the indices for Data processing, hosting & related activities; web portals and Computer programming, consultancy & related activities posted marginal increases of 0.3 per cent and 0.1 per cent, respectively. In contrast, the Wireless telecommunication activities index declined slightly by 0.1 per cent.

Real Estate Activities

The Real estate activities subsector increased by 0.3 per cent in 2024, slightly higher than the 0.2 per cent increase in 2023. This was contributed by Real estate activities on a fee or contract basis (0.3%).

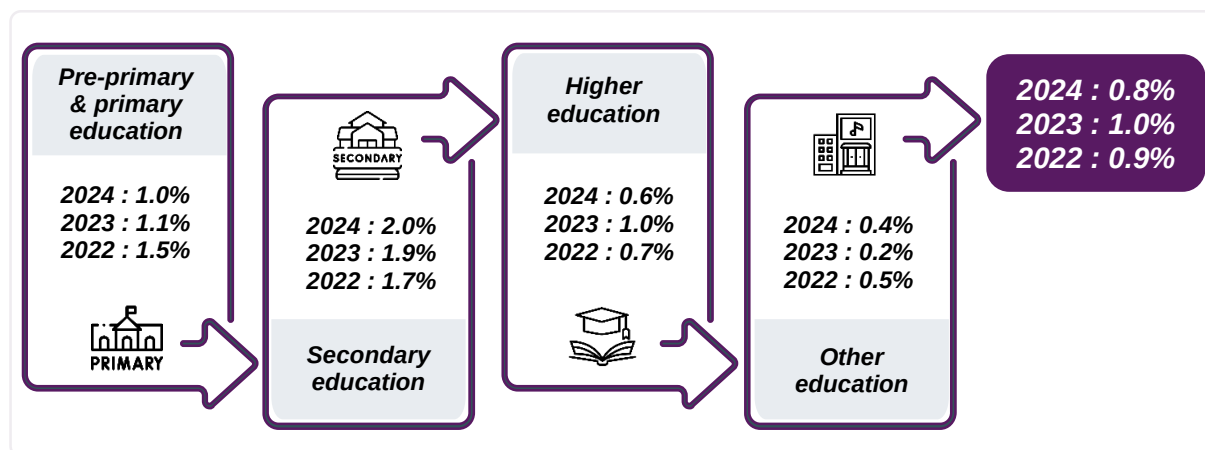
Professional

The Professional subsector increased by 0.2 per cent in 2024, compared to 0.4 per cent in 2023. The increase was contributed by Accounting, bookkeeping & auditing activities; tax consultancy and Architectural and engineering activities & related technical consultancy indices, both recorded an increase of 0.3 per cent, respectively. It was followed by the index of Legal activities, which rose by 0.2 per cent.

Education

The Education subsector increased by 0.8 per cent in 2024, slightly lower than the 1.0 per cent growth recorded in 2023. The increase was contributed by the indices for Secondary education (2.0%), Pre-primary & primary education (1.0%), Higher education (0.6%), and Other education (0.4%). **[Exhibit 4]**

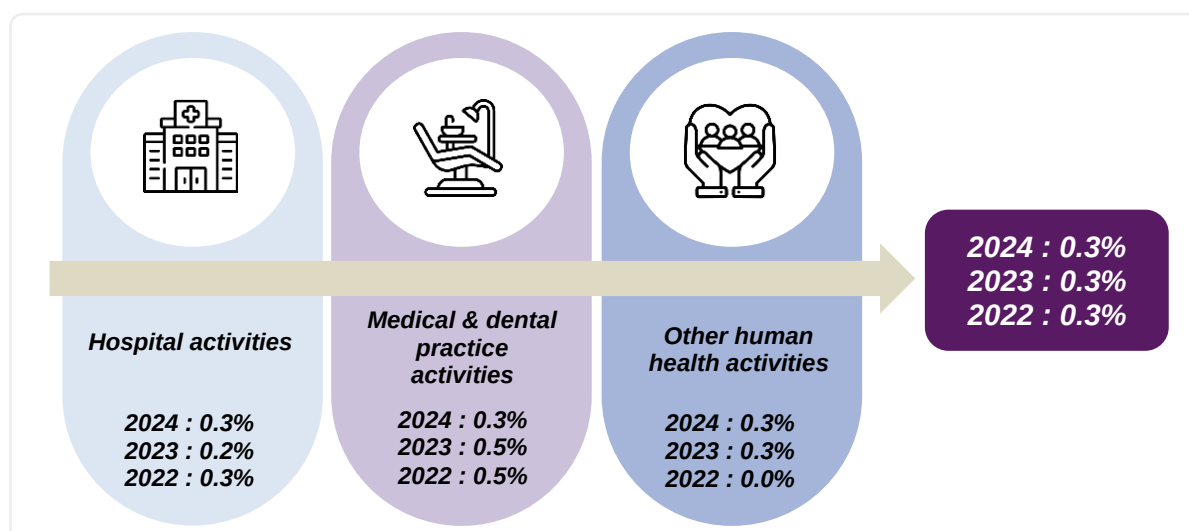
Exhibit 4: Annual Percentage Change of Education Subsector, 2022 – 2024



Health

The Health subsector recorded a 0.3 per cent increase in 2024, consistent with the rate observed in 2023. The increase was supported by indices of Hospital activities, Medical & dental practice activities and Other human health activities, each recorded an increase of 0.3 per cent, respectively. **[Exhibit 5]**

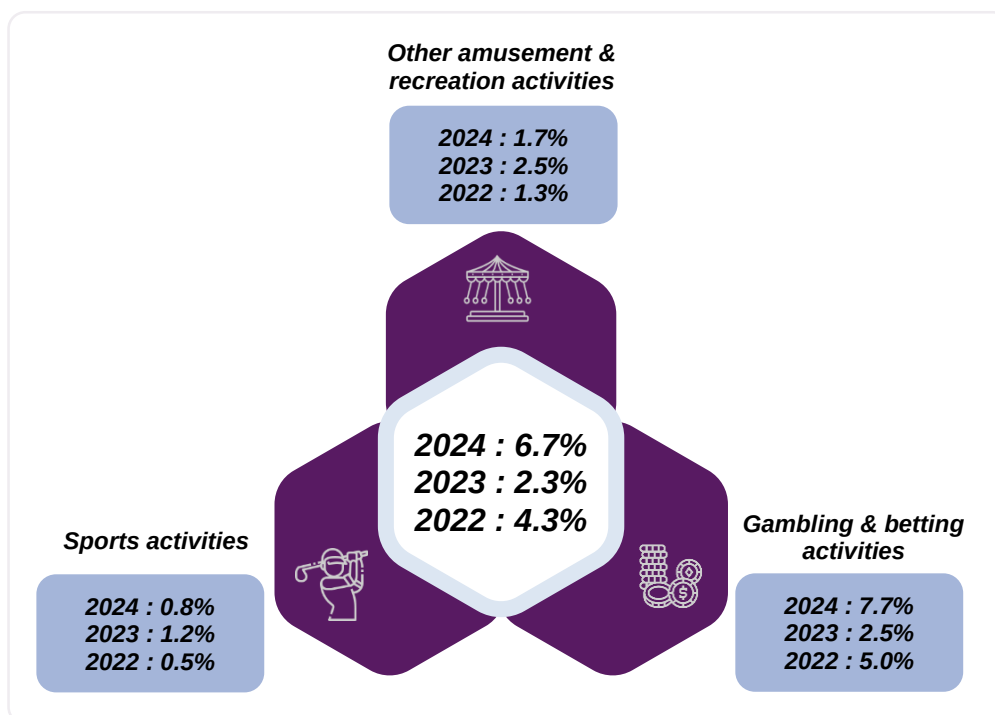
Exhibit 5: Annual Percentage Change of Health Subsector, 2022 – 2024

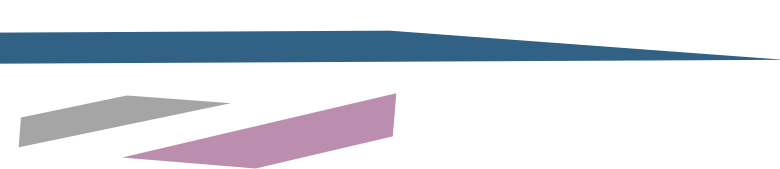


Arts, Entertainment & Recreation

The Arts, Entertainment & Recreation subsector recorded a significant increase of 6.7 per cent in 2024, as compared to 2.3 per cent in the previous year. This growth was contributed by the indices for Gambling & betting activities (7.7%), Other amusement & recreation activities (1.7%), and Sports activities (0.8%). **[Exhibit 6]**

Exhibit 6: Annual Percentage Change of Arts, Entertainment & Recreation Subsector, 2022 – 2024





JADUAL IHPR

PPI TABLES



Jadual Table 1	Indeks Harga Pengeluar (IHPR) Pengeluaran Tempatan mengikut Sektor (MSIC 2008), Seksyen Barangan (SITC 4.0) dan Peringkat Pemprosesan, Malaysia, 2011-2024
	Producer Price Index (PPI) Local Production by Sector (MSIC 2008), Commodity Section (SITC 4.0) and Stage of Processing, Malaysia, 2011-2024

IHPR mengikut Sektor PPI by Sector	Kod Code	Wajaran Weight	2010=100														
			2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Jumlah Total		100.000	112.3	111.8	108.8	110.4	102.2	101.1	107.9	106.7	105.2	102.4	112.1	120.8	118.5	118.9	

Pertanian, perhutanan dan perikanan Agriculture, forestry and fishing	A	6.730	119.6	105.9	94.2	95.9	92.2	107.2	114.7	98.7	94.8	109.7	142.8	144.7	124.8	134.7
Perombongan Mining	B	7.927	136.1	141.1	140.6	134.8	86.1	72.9	90.9	106.8	102.9	65.5	92.5	104.2	98.1	96.1
Pembuatan Manufacturing	C	81.571	109.0	109.0	106.4	108.7	104.8	103.5	109.0	107.0	106.0	105.6	111.4	120.8	120.5	120.1
Bekalan elektrik dan gas Electricity and gas supply	D	3.442	103.9	107.2	107.9	119.0	113.5	112.5	114.6	115.9	117.6	117.1	116.6	117.4	117.9	118.6
Bekalan air Water supply	E	0.330	104.2	104.1	106.6	107.6	110.3	114.2	114.1	114.4	111.9	111.7	112.3	115.2	118.0	125.7

IHPR mengikut Seksyen Barangan <i>PPI by Commodity Section</i>	Kod Code	Wajaran Weight	2010=100														
			2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Jumlah <i>Total</i>		100.000	112.3	111.8	108.8	110.4	102.2	101.1	107.9	106.7	105.2	102.4	112.1	120.8	118.5	118.9	

Makanan Food	0	7.454	110.2	110.5	111.9	116.9	118.6	120.8	126.9	126.0	125.3	123.8	128.0	135.7	141.2	140.9
Minuman dan tembakau Beverages and tobacco	1	1.307	105.0	105.9	107.3	110.6	111.3	112.4	113.7	114.2	113.3	112.8	112.7	113.7	115.3	115.8
Bahan-bahan mentah tidak boleh dimakan Crude materials, inedible	2	5.769	122.8	104.9	88.9	86.7	82.2	96.9	102.8	85.0	79.9	96.5	130.7	132.5	109.4	120.2
Bahan api, galian pelincir, dll. Mineral fuels, lubricant, etc.	3	21.075	124.7	131.9	131.5	131.9	100.1	88.0	104.9	117.3	116.5	95.8	114.2	131.0	124.6	115.5
Minyak dan lemak binatang dan sayur-sayuran Animal and vegetable oils and fats	4	9.287	123.2	110.4	93.3	100.6	93.9	100.1	108.0	93.6	85.6	93.4	114.7	130.6	117.3	120.2
Bahan kimia Chemicals	5	8.557	112.5	111.2	112.5	115.9	114.9	112.1	114.5	113.2	109.4	106.4	113.4	123.9	119.4	117.5
Barang-barang keluaran kilang Manufactured goods	6	13.672	104.4	103.7	102.8	103.5	103.4	103.8	108.0	108.7	107.4	107.3	110.7	117.8	119.1	119.1
Jentera dan kelengkapan pengangkutan Machinery and transport equipment	7	25.611	98.6	101.2	101.4	102.5	104.7	104.8	105.3	102.0	104.4	104.6	103.0	107.5	114.4	119.1
Pelbagai barang keluaran kilang Micellaneous manufactured articles	8	7.268	103.2	103.6	103.7	104.1	106.1	107.2	109.5	105.6	103.8	103.1	105.6	104.7	108.2	111.7

IHPR mengikut Peringkat Pemprosesan PPI by Stage of Processing	Kod Code	Wajaran Weight	2010=100														
			2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Jumlah Total		100.000	112.3	111.8	108.8	110.4	102.2	101.1	107.9	106.7	105.2	102.4	112.1	120.8	118.5	118.9	

Bahan mentah untuk diproseskan selanjutnya Crude materials for further processing	1	16.410	124.7	121.2	116.9	114.4	90.9	94.0	107.9	110.7	106.4	93.3	121.6	129.1	116.7	117.5
Bahan perantaraan, bekalan dan komponen Intermediate materials, supplies and components	2	56.119	113.8	113.9	109.9	113.6	106.6	103.2	110.1	108.0	106.5	106.0	114.2	126.7	125.2	124.6
Barang siap Finished goods	3	57.471	99.6	100.4	100.1	100.9	102.1	102.5	103.4	100.9	101.5	101.4	101.2	103.0	106.2	108.2

Jadual Table 2	Perubahan Peratus Tahunan IHPR Pengeluaran Tempatan mengikut Sektor (MSIC 2008), Seksyen Barangan (SITC 4.0) dan Peringkat Pemprosesan, Malaysia, 2011-2024
	Annual Percentage Change of PPI Local Production by Sector (MSIC 2008), Commodity Section (SITC 4.0) and Stage of Processing, Malaysia, 2011-2024

IHPR mengikut Sektor PPI by Sector	Kod Code	Wajaran Weight	2010=100													
			2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Jumlah Total		100.000	12.3	-0.4	-2.7	1.5	-7.4	-1.1	6.7	-1.1	-1.4	-2.7	9.5	7.8	-1.9	0.3
Pertanian, perhutanan dan perikanan Agriculture, forestry and fishing	A	6.730	19.6	-11.5	-11.0	1.8	-3.9	16.3	7.0	-13.9	-4.0	15.7	30.2	1.3	-13.8	7.9
Perombongan Mining	B	7.927	36.1	3.7	-0.4	-4.1	-36.1	-15.3	24.7	17.5	-3.7	-36.3	41.2	12.6	-5.9	-2.0
Pembuatan Manufacturing	C	81.571	9.0	0.0	-2.4	2.2	-3.6	-1.2	5.3	-1.8	-0.9	-0.4	5.5	8.4	-0.2	-0.3
Bekalan elektrik dan gas Electricity and gas supply	D	3.442	3.9	3.2	0.7	10.3	-4.6	-0.9	1.9	1.1	1.5	-0.4	-0.4	0.7	0.4	0.6
Bekalan air Water supply	E	0.330	4.2	-0.1	2.4	0.9	2.5	3.5	-0.1	0.3	-2.2	-0.2	0.5	2.6	2.4	6.5

IHPR mengikut Seksyen Barangan PPI by Commodity Section	Kod Code	Wajaran Weight	2010=100													
			2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Jumlah Total		100.000	12.3	-0.4	-2.7	1.5	-7.4	-1.1	6.7	-1.1	-1.4	-2.7	9.5	7.8	-1.9	0.3
Makanan Food	0	7.454	10.2	0.3	1.3	4.5	1.5	1.9	5.0	-0.7	-0.6	-1.2	3.4	6.0	4.1	-0.2
Minuman dan tembakau Beverages and tobacco	1	1.307	5.0	0.9	1.3	3.1	0.6	1.0	1.2	0.4	-0.8	-0.4	-0.1	0.9	1.4	0.4
Bahan-bahan mentah tidak boleh dimakan Crude materials, inedible	2	5.769	22.8	-14.6	-15.3	-2.5	-5.2	17.9	6.1	-17.3	-6.0	20.8	35.4	1.4	-17.4	9.9
Bahan api, galian pelincir, dll. Mineral fuels, lubricant, etc.	3	21.075	24.7	5.8	-0.3	0.3	-24.1	-12.1	19.2	11.8	-0.7	-17.8	19.2	14.7	-4.9	-7.3
Minyak dan lemak binatang dan sayur-sayuran Animal and vegetable oils and fats	4	9.287	23.2	-10.4	-15.5	7.8	-6.7	6.6	7.9	-13.3	-8.5	9.1	22.8	13.9	-10.2	2.5
Bahan kimia Chemicals	5	8.557	12.5	-1.2	1.2	3.0	-0.9	-2.4	2.1	-1.1	-3.4	-2.7	6.6	9.3	-3.6	-1.6
Barang-barang keluaran kilang Manufactured goods	6	13.672	4.4	-0.7	-0.9	0.7	-0.1	0.4	4.0	0.6	-1.2	-0.1	3.2	6.4	1.1	0.0
Jentera dan kelengkapan pengangkutan Machinery and transport equipment	7	25.611	-1.4	2.6	0.2	1.1	2.1	0.1	0.5	-3.1	2.4	0.2	-1.5	4.4	6.4	4.1
Pelbagai barang keluaran kilang Micellaneous manufactured articles	8	7.268	3.2	0.4	0.1	0.4	1.9	1.0	2.1	-3.6	-1.7	-0.7	2.4	-0.9	3.3	3.2

IHPR mengikut Peringkat Pemprosesan PPI by Stage of Processing	Kod Code	Wajaran Weight	2010=100													
			2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Jumlah Total		100.000	12.3	-0.4	-2.7	1.5	-7.4	-1.1	6.7	-1.1	-1.4	-2.7	9.5	7.8	-1.9	0.3
Bahan mentah untuk diproseskan selanjutnya Crude materials for further processing	1	16.410	24.7	-2.8	-3.5	-2.1	-20.5	3.4	14.8	2.6	-3.9	-12.3	30.3	6.2	-9.6	0.7
Bahan perantaraan, bekalan dan komponen Intermediate materials, supplies and components	2	56.119	13.8	0.1	-3.5	3.4	-6.2	-3.2	6.7	-1.9	-1.4	-0.5	7.7	10.9	-1.2	-0.5
Barang siap Finished goods	3	57.471	-0.4	0.8	-0.3	0.8	1.2	0.4	0.9	-2.4	0.6	-0.1	-0.2	1.8	3.1	1.9

Jadual Table 3	Indeks Harga Pengeluar (IHPR) Pengeluaran Tempatan mengikut Sektor, Bahagian dan Kumpulan (MSIC 2008), Malaysia, 2011-2024															
	Producer Price Index (PPI) Local Production by Sector, Division and Group (MSIC 2008), Malaysia, 2011-2024															

Sektor, Bahagian dan Kumpulan Sector, Division and Group	Kod Code	Wajaran Weight	2010=100													
			2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Jumlah Total		100.000	112.3	111.8	108.8	110.4	102.2	101.1	107.9	106.7	105.2	102.4	112.1	120.8	118.5	118.9
Pertanian, perhutanan dan perikanan Agriculture, forestry and fishing	A	6.730	119.6	105.9	94.2	95.9	92.2	107.2	114.7	98.7	94.8	109.7	142.8	144.7	124.8	134.7
Pengeluaran tanaman dan ternakan, pemburuan dan aktiviti perkhidmatan berkaitan Crop and animal production, hunting and related service activities	01	5.714	120.6	102.5	89.3	90.7	85.9	103.1	111.4	91.6	86.7	103.9	139.7	140.3	116.6	128.4
Penanaman tanaman tidak kekal Growing of non-perennial crops	011	0.436	104.8	103.2	111.1	112.8	130.1	131.1	133.7	134.3	134.4	134.0	138.4	144.2	142.7	135.8
Penanaman tanaman kekal Growing of perennial crops	012	3.934	123.4	103.0	85.4	86.4	79.3	99.4	108.5	83.6	76.5	100.2	146.1	145.1	111.6	127.3
Pengeluaran ternakan Animal production	014	1.344	107.2	98.2	107.6	113.3	112.8	116.7	120.6	121.1	123.6	120.4	125.9	131.6	140.6	142.3
Perhutanan dan pembalakan Forestry and logging	02	0.410	130.5	131.6	114.3	113.2	120.0	128.3	129.1	136.2	142.3	145.7	151.6	165.4	181.9	177.2
Pembalakan Logging	022	0.410	130.5	131.6	114.3	113.2	120.0	128.3	129.1	136.2	142.3	145.7	151.6	165.4	181.9	177.2
Perikanan dan akuakultur Fishing and aquaculture	03	0.606	106.3	114.1	116.5	121.7	119.9	122.5	129.2	139.2	141.9	130.6	140.3	149.6	158.5	152.5
Perikanan Fishing	031	0.508	104.2	114.9	118.6	126.6	123.9	127.9	137.4	143.2	145.8	132.2	144.9	155.3	165.3	158.1
Akuakultur Aquaculture	032	0.098	110.8	112.3	112.3	111.5	111.5	111.2	111.9	133.1	136.8	135.3	131.7	137.0	140.8	140.4
Perlombongan Mining	B	7.927	136.1	141.1	140.6	134.8	86.1	72.9	90.9	106.8	102.9	65.5	92.5	104.2	98.1	96.1
Pengekstrakan petroleum mentah dan gas asli Extraction of crude petroleum and natural gas	06	7.927	136.1	141.1	140.6	134.8	86.1	72.9	90.9	106.8	102.9	65.5	92.5	104.2	98.1	96.1
Pengekstrakan petroleum mentah Extraction of crude petroleum	061	5.782	137.9	139.5	138.7	127.6	79.2	73.8	96.5	116.6	110.8	66.9	98.8	105.1	94.5	91.9
Pengekstrakan gas asli Extraction of natural gas	062	2.145	130.3	146.3	146.8	158.3	108.9	70.2	72.4	75.4	78.2	63.6	73.7	105.9	116.4	116.2
Pembuatan Manufacturing	C	81.571	109.0	109.0	106.4	108.7	104.8	103.5	109.0	107.0	106.0	105.6	111.4	120.8	120.5	120.1
Pembuatan produk makanan Manufacture of food products	10	14.531	119.9	110.1	96.9	103.5	98.7	103.8	110.4	99.8	93.5	99.0	114.7	128.4	120.8	122.4
Pemprosesan dan pengawetan daging Processing and preserving of meat	101	0.392	n.a	n.a	n.a	n.a	n.a	n.a	110.4	106.0	101.7	106.6	114.4	123.9	133.6	131.1
Pemprosesan dan pengawetan ikan, krustasea dan moluska Processing and preserving of fish, crustaceans and molluscs	102	0.257	n.a	n.a	n.a	n.a	n.a	n.a	110.4	108.8	107.7	108.4	111.0	114.0	117.9	121.7
Pemprosesan dan pengawetan buah-buahan dan sayur-sayuran Processing and preserving of fruit and vegetables	103	0.089	n.a	n.a	n.a	n.a	n.a	n.a	110.4	108.0	103.7	104.0	102.1	107.1	113.3	119.4
Pembuatan minyak dan lemak daripada sayuran dan haiwan Manufacture of vegetable and animal oils and fats	104	9.956	123.1	110.3	92.9	100.2	93.5	99.9	107.9	93.5	85.1	92.8	113.5	129.6	116.6	118.7
Pembuatan produk tenusu Manufacture of dairy products	105	0.661	113.5	117.8	120.0	120.0	120.1	120.6	127.3	127.4	122.9	123.9	126.3	138.2	142.1	144.3
Pembuatan produk bijian, kanji dan produk berkanji Manufacture of grain mill products, starches and starch products	106	0.444	99.9	101.3	103.0	102.1	104.3	105.6	107.0	107.8	108.4	109.3	112.3	120.9	131.3	132.8

Note:
n.a: Data tidak tersedia. Indeks bermula pada tahun 2017/ Data is not available. Index starts from 2017

Sektor, Bahagian dan Kumpulan Sector, Division and Group			Kod Code	Wajaran Weight	2010=100													
					2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
	Pembuatan produk makanan lain Manufacture of other food products	107	2.078	110.2	108.9	108.4	115.1	116.3	117.4	118.6	117.0	115.9	114.6	113.8	117.2	121.7	125.4	
	Pembuatan makanan haiwan tersedia Manufacture of prepared animal feeds	108	0.654	n.a	n.a	n.a	n.a	n.a	n.a	110.4	109.0	109.7	110.3	119.8	137.1	143.8	132.6	
	Pembuatan minuman Manufacture of beverages	11	0.671	104.0	104.8	103.4	106.9	106.4	107.2	106.6	105.9	106.1	105.0	104.3	104.9	105.9	108.0	
	Pembuatan minuman ringan Manufacture of beverages	110	0.671	104.0	104.8	103.4	106.9	106.4	107.2	106.6	105.9	106.1	105.0	104.3	104.9	105.9	108.0	
	Pembuatan produk tembakau Manufacture of tobacco products	12	0.306	99.6	99.6	105.7	114.6	115.9	115.9	116.3	117.0	115.8	116.1	116.4	116.4	117.9	106.0	
	Pembuatan produk tembakau Manufacture of tobacco products	120	0.306	99.6	99.6	105.7	114.6	115.9	115.9	116.3	117.0	115.8	116.1	116.4	116.4	117.9	106.0	
	Pembuatan tekstil Manufacture of textiles	13	0.634	95.0	87.5	87.7	93.5	100.8	100.5	98.2	94.7	92.3	94.3	95.0	100.3	102.5	105.2	
	Pemintalan, penenunan dan penyiapan tekstil Spinning, weaving and finishing of textiles	131	0.440	95.0	87.5	87.7	93.5	100.8	100.5	98.2	97.3	93.7	96.2	97.8	101.6	102.3	103.8	
	Pembuatan tekstil lain Manufacture of other textiles	139	0.194	n.a	n.a	n.a	n.a	n.a	n.a	98.2	89.7	89.9	90.7	89.7	97.7	102.9	107.7	
	Pembuatan pakaian Manufacture of wearing apparel	14	0.550	100.6	101.7	102.2	102.5	103.5	105.1	105.6	102.4	102.8	102.5	100.3	101.3	104.1	108.6	
	Pembuatan pakaian, kecuali pakaian berbulu Manufacture of wearing apparel, except fur apparel	141	0.526	100.6	101.7	102.2	102.5	103.5	105.1	105.6	102.3	102.7	102.1	100.2	101.3	104.1	108.9	
	Pembuatan artikel bulu Manufacture of articles of fur	142	0.004	n.a	n.a	n.a	n.a	n.a	n.a	105.6	92.3	110.5	107.9	114.9	107.4	96.0	83.3	
	Pembuatan pakaian yang dikait dan dikrusye Manufacture of knitted and crocheted apparel	143	0.020	n.a	n.a	n.a	n.a	n.a	n.a	105.6	106.6	105.3	111.9	100.5	100.5	104.8	104.9	
	Pembuatan produk kulit dan barangan berkaitan Manufacture of leather and related products	15	0.138	99.9	99.8	99.8	99.2	102.4	110.5	104.6	103.3	103.2	103.9	103.5	101.9	103.1	101.4	
	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	151	0.065	100.0	100.0	100.0	100.0	105.7	108.6	107.9	99.9	99.3	102.3	103.9	103.0	99.2	91.6	
	Pembuatan kasut Manufacture of footwear	152	0.073	99.8	99.7	99.7	99.0	101.4	111.0	103.7	107.4	107.7	106.6	104.6	102.3	107.6	110.6	
	Pembuatan kayu dan produk kayu dan gabus, kecuali perabot; pembuatan bagi artikel jerami dan bahan-bahan anyaman Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	16	1.678	114.5	119.7	117.8	118.4	124.8	128.7	130.4	131.9	133.3	130.3	131.4	143.6	144.5	138.6	
	Pengilangan dan pengetaman kayu Sawmilling and planing of wood	161	0.417	129.7	144.9	133.3	131.0	142.1	152.9	153.9	154.1	151.8	148.6	145.7	149.6	154.0	148.3	
	Pembuatan produk daripada kayu, gabus, jerami dan bahan jalinan lain Manufacture of products of wood, cork, straw and plaiting materials	162	1.261	108.5	109.6	111.6	113.4	117.9	119.0	120.9	122.6	124.9	122.1	124.3	138.4	138.4	132.5	

Nota/

Note:
n.a: Data tidak tersedia. Indeks bermula pada tahun 2017/ Data is not available. Index starts from 2017

Jadual Table 3	Indeks Harga Pengeluar (IHPR) Pengeluaran Tempatan mengikut Sektor, Bahagian dan Kumpulan (MSIC 2008), Malaysia, 2011-2024 (samb.)
	Producer Price Index (PPI) Local Production by Sector, Division and Group (MSIC 2008), Malaysia, 2011-2024 (cont'd.)

Sektor, Bahagian dan Kumpulan Sector, Division and Group	Kod Code	Wajaran Weight	2010=100													
			2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Pembuatan kertas dan produk kertas Manufacture of paper and paper products	17	1.229	103.6	102.2	101.8	103.3	103.3	106.8	113.0	114.1	113.7	111.8	115.5	122.7	121.5	115.1
Pembuatan kertas dan produk kertas Manufacture of paper and paper products	170	1.229	103.6	102.2	101.8	103.3	103.3	106.8	113.0	114.1	113.7	111.8	115.5	122.7	121.5	115.1
Percetakan dan penerbitan semula media rakaman Printing and reproduction of recorded media	18	0.723	101.8	101.8	102.1	102.1	102.1	102.1	102.5	98.6	99.3	98.1	96.4	96.3	95.2	91.7
Percetakan dan aktiviti perkhidmatan berkaitan percetakan Printing and service activities related to printing	181	0.723	101.8	101.8	102.1	102.1	102.1	102.1	102.5	98.6	99.3	98.1	96.4	96.3	95.2	91.7
Pembuatan kok dan produk petroleum bertapis Manufacture of coke and refined petroleum products	19	10.038	121.3	131.6	130.5	133.2	107.5	92.7	112.6	124.6	126.4	117.7	133.4	160.6	151.9	132.6
Pembuatan produk petroleum bertapis Manufacture of refined petroleum products	192	10.038	121.3	131.6	130.5	133.2	107.5	92.7	112.6	124.6	126.4	117.7	133.4	160.6	151.9	132.6
Pembuatan kimia dan produk kimia Manufacture of chemicals and chemical products	20	6.691	114.6	112.2	113.9	117.7	116.0	112.3	115.9	115.9	111.8	107.8	116.1	126.1	121.9	120.9
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	201	5.285	117.3	113.1	115.5	120.2	118.1	113.8	118.2	117.8	112.4	107.4	117.2	128.5	122.7	121.8
Pembuatan produk kimia lain Manufacture of other chemical products	202	1.370	105.3	109.3	108.2	109.5	108.7	107.3	108.0	109.2	109.9	109.0	112.6	118.6	119.2	117.8
Pembuatan serat buatan manusia Manufacture of man-made fibres	203	0.036	n.a	n.a	n.a	n.a	n.a	n.a	115.9	115.9	111.8	113.1	102.6	100.5	115.5	133.2
Pembuatan produk farmaseutikal asas, kimia perubatan dan botani Manufacture of basic pharmaceutical products and pharmaceutical preparations	21	0.287	101.3	104.8	106.2	107.3	107.7	110.7	113.2	117.5	119.2	114.4	112.3	115.5	121.4	121.1
Pembuatan produk farmaseutikal, kimia perubatan dan botani Manufacture of pharmaceuticals, medicinal chemical and botanical products	210	0.287	101.3	104.8	106.2	107.3	107.7	110.7	113.2	117.5	119.2	114.4	112.3	115.5	121.4	121.1
Pembuatan produk getah dan plastik Manufacture of rubber and plastics products	22	4.744	110.6	103.2	99.9	96.6	96.3	97.1	101.8	97.2	95.7	95.2	101.3	101.7	100.9	101.5
Pembuatan produk getah Manufacture of rubber products	221	2.474	116.2	102.6	96.7	90.5	89.2	89.9	96.7	89.1	86.7	87.5	97.1	93.9	90.7	91.7
Pembuatan produk plastik Manufacture of plastics products	222	2.270	103.2	104.1	104.0	104.7	105.7	106.7	108.4	107.9	107.7	105.4	106.6	112.0	114.4	114.4
Pembuatan produk galian bukan logam lain Manufacture of other non-metallic mineral products	23	2.930	102.4	106.4	107.7	108.6	109.9	111.1	110.2	108.1	107.9	106.0	104.5	110.0	114.2	112.8
Pembuatan kaca dan produk kaca Manufacture of glass and glass products	231	0.365	103.0	109.4	110.9	111.2	111.5	112.4	114.5	112.9	112.2	112.9	114.1	122.6	116.8	113.7
Pembuatan pengeluaran galian bukan logam t.t.t.l. Manufacture of non-metallic mineral products n.e.c.	239	2.565	102.2	105.6	106.8	107.9	109.4	110.8	109.1	106.8	106.7	104.4	102.6	107.6	113.1	112.1
Pembuatan logam asas Manufacture of basic metals	24	3.064	106.5	104.2	101.0	100.9	98.4	98.1	105.7	109.1	107.0	105.3	111.3	118.6	118.9	124.6
Pembuatan besi dan keluli asas Manufacture of basic iron and steel	241	1.866	106.2	105.2	101.3	100.1	95.6	95.7	103.3	107.2	104.1	101.5	107.7	114.0	114.2	115.3

Nota/ Note:
n.a: Data tidak tersedia. Indeks bermula pada tahun 2017/ Data is not available. Index starts from 2017

Jadual Table 3	Indeks Harga Pengeluar (IHPR) Pengeluaran Tempatan mengikut Sektor, Bahagian dan Kumpulan (MSIC 2008), Malaysia, 2011-2024 (samb.) <i>Producer Price Index (PPI) Local Production by Sector, Division and Group (MSIC 2008), Malaysia, 2011-2024 (cont'd.)</i>
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Sektor, Bahagian dan Kumpulan <i>Sector, Division and Group</i>	Kod <i>Code</i>	Wajaran <i>Weight</i>	2010=100													
			2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Pembuatan logam asas berharga dan logam bukan ferus lain <i>Manufacture of basic precious and other non-ferrous metals</i>	242	1.035	106.9	102.4	100.6	102.4	103.4	102.5	110.1	111.5	111.2	110.8	117.5	126.6	126.2	134.2
Penuangan logam <i>Casting of metals</i>	243	0.163	n.a	n.a	n.a	n.a	n.a	n.a	105.7	115.8	113.3	114.2	114.5	121.6	128.5	171.7
Pembuatan produk logam, kecuali mesin dan kelengkapan <i>Manufacture of fabricated metal products, except machinery and equipment</i>	25	3.620	101.5	101.3	100.8	100.5	99.7	100.0	102.6	101.9	100.7	98.6	102.2	109.7	111.7	111.9
Pembuatan produk struktur logam, tangki, takungan dan penjana wap <i>Manufacture of structural metal products, tanks, reservoirs and steam generators</i>	251	1.354	101.0	101.2	101.2	100.5	99.7	100.1	103.3	102.1	101.3	98.8	101.3	105.3	105.0	105.5
Pembuatan senjata dan peluru <i>Manufacture of weapons and ammunition</i>	252	0.015	n.a	n.a	n.a	n.a	n.a	n.a	102.6	101.9	100.7	98.6	102.2	109.7	111.7	111.9
Pembuatan produk lain yang direka daripada logam; aktiviti perkhidmatan kerja logam <i>Manufacture of other fabricated metal products; metalworking service activities</i>	259	2.251	101.7	101.4	100.6	100.5	99.7	100.0	102.3	101.9	100.5	98.6	102.9	112.5	115.9	115.9
Pembuatan komputer, produk elektronik dan optikal <i>Manufacture of computer, electronic and optical products</i>	26	18.788	97.8	101.7	101.7	103.3	106.5	106.7	106.2	101.9	103.4	105.3	103.0	106.4	113.7	119.3
Pembuatan komponen dan papan elektronik <i>Manufacture of electronic components and boards</i>	261	10.631	98.4	106.1	106.1	109.2	114.6	115.3	115.6	111.1	111.7	114.0	113.3	119.1	128.4	131.5
Pembuatan komputer dan kelengkapan peranti <i>Manufacture of computers and peripheral equipment</i>	262	2.647	95.4	95.6	95.8	95.8	96.8	95.9	95.2	93.3	96.2	100.7	97.2	92.9	97.6	110.2
Pembuatan peralatan komunikasi <i>Manufacture of communication equipment</i>	263	1.081	98.1	99.3	99.3	99.4	100.4	100.7	103.2	98.7	105.3	104.4	107.5	118.1	131.8	148.9
Pembuatan peralatan elektronik pengguna <i>Manufacture of consumer electronics</i>	264	3.464	98.4	97.8	97.8	97.7	97.7	97.5	94.4	89.0	90.8	92.0	81.9	83.7	83.6	79.4
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	95.5	93.7	88.0	82.7	82.9	83.7	79.4	73.4	72.9	67.1	65.7	63.7	69.1	81.2
Pembuatan peralatan penyinaran, perubatan elektro dan elektroterapeutik <i>Manufacture of irradiation, electromedical and electrotherapeutic equipment</i>	266	0.312	94.3	95.5	99.4	106.8	125.7	131.9	138.3	131.6	127.7	130.2	134.3	143.7	155.8	209.5
Pembuatan instrumen optikal dan kelengkapan fotografi <i>Manufacture of optical instruments and photographic equipment</i>	267	0.098	97.8	101.7	101.7	103.3	106.5	106.7	106.2	102.5	102.7	112.5	115.1	117.4	138.9	181.4
Pembuatan media magnetik dan optikal <i>Manufacture of magnetic and optical media</i>	268	0.004	n.a	n.a	n.a	n.a	n.a	n.a	106.2	107.6	96.2	93.0	93.4	100.3	107.5	107.5
Pembuatan kelengkapan elektrik <i>Manufacture of electrical equipment</i>	27	2.577	99.4	98.7	99.8	100.2	99.6	98.3	105.0	104.6	104.5	104.3	105.6	115.0	120.1	125.6
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	94.9	96.1	99.6	100.5	101.7	104.0	104.9	102.8	103.5	102.4	104.1	112.5	125.0	133.1

Nota/

Note:

n.a: Data tidak tersedia. Indeks bermula pada tahun 2017/ *Data is not available. Index starts from 2017*

Jadual Table 3	Indeks Harga Pengeluar (IHPR) Pengeluaran Tempatan mengikut Sektor, Bahagian dan Kumpulan (MSIC 2008), Malaysia, 2011-2024 (samb.)																	
	Producer Price Index (PPI) Local Production by Sector, Division and Group (MSIC 2008), Malaysia, 2011-2024 (cont'd.)																	
Sektor, Bahagian dan Kumpulan Sector, Division and Group			Kod Code	Wajaran Weight	2010=100													
					2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
	Pembuatan bateri dan akumulator Manufacture of batteries and accumulators	272	0.236	n.a	n.a	n.a	n.a	n.a	n.a	105.0	106.8	106.9	106.9	107.3	132.3	148.9	171.8	
	Pembuatan pendawaian dan peranti pendawaian Manufacture of wiring and wiring devices	273	0.783	102.4	99.7	98.9	98.8	97.0	92.3	105.0	103.9	101.0	101.0	102.0	108.3	105.9	105.4	
	Pembuatan kelengkapan pencahayaan elektrik Manufacture of electric lighting equipment	274	0.063	n.a	n.a	n.a	n.a	n.a	n.a	105.0	105.9	104.7	111.5	113.3	120.5	141.8	138.9	
	Pembuatan perkakasan domestik Manufacture of domestic appliances	275	0.530	100.6	101.0	101.7	102.5	101.4	101.1	105.3	106.7	106.4	102.4	108.2	114.7	116.0	119.0	
	Pembuatan kelengkapan elektrik lain Manufacture of other electrical equipment	279	0.318	n.a	n.a	n.a	n.a	n.a	n.a	105.0	102.8	109.5	116.7	110.0	123.1	127.9	136.7	
	Pembuatan jentera dan peralatan t.t.t.l. Manufacture of machinery and equipment n.e.c.	28	2.058	99.3	99.6	99.7	100.4	101.8	102.3	101.2	99.6	100.2	98.3	100.4	102.6	99.5	97.9	
	Pembuatan jentera kegunaan umum Manufacture of general-purpose machinery	281	1.257	99.5	99.9	100.1	101.1	102.0	102.3	100.9	100.7	101.5	100.4	101.2	103.7	102.5	103.0	
	Pembuatan jentera kegunaan khas Manufacture of special-purpose machinery	282	0.801	99.0	98.9	98.9	98.9	101.3	102.5	102.0	98.1	98.4	95.0	99.2	100.9	94.8	90.1	
	Pembuatan kenderaan bermotor, treler dan semi treler Manufacture of motor vehicles, trailers and semi-trailers	29	3.963	100.5	100.4	100.9	100.7	100.6	101.7	104.6	102.1	105.5	103.8	105.0	109.7	119.5	124.2	
	Pembuatan kenderaan bermotor Manufacture of motor vehicles	291	2.315	100.3	99.1	99.1	99.2	99.2	99.7	102.2	98.1	102.9	99.2	100.4	104.5	114.9	121.3	
	Pembuatan kerangka (coachwork) untuk kenderaan bermotor; pembuatan treler dan semi treler Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers	292	0.095	n.a	n.a	n.a	n.a	n.a	n.a	104.6	101.7	101.9	102.2	110.3	108.4	109.5	114.2	
	Pembuatan alat ganti dan aksesori untuk kenderaan bermotor Manufacture of parts and accessories motor vehicles	293	1.553	100.8	103.0	104.5	103.7	103.4	106.0	109.7	109.4	111.0	112.2	113.0	119.1	128.4	130.6	
	Pembuatan kelengkapan pengangkutan lain Manufacture of other transport equipment	30	1.404	101.1	101.5	111.6	112.6	113.5	114.4	130.2	129.3	131.9	128.5	123.0	129.7	129.7	128.6	
	Pembinaan kapal dan bot Building of ships and boats	301	0.570	n.a	n.a	n.a	n.a	n.a	n.a	130.2	132.9	139.1	133.3	130.5	132.0	117.0	109.8	
	Pembuatan lokomotif keretapi dan rolling stock Manufacture of railway locomotives and rolling stock	302	0.028	n.a	n.a	n.a	n.a	n.a	n.a	130.2	129.2	131.9	137.4	131.2	144.7	157.8	166.4	
	Pembuatan kapal angkasa dan udara dan jentera berkaitan Manufacture of air and spacecraft and related machinery	303	0.282	n.a	n.a	n.a	n.a	n.a	n.a	130.2	135.9	138.1	134.2	107.3	129.9	152.0	129.0	
	Pembuatan kenderaan tempur ketenteraan Manufacture of military fighting vehicles	304	0.144	n.a	n.a	n.a	n.a	n.a	n.a	130.2	129.2	131.9	127.6	121.2	125.3	131.0	132.0	
	Pembuatan kelengkapan pengangkutan t.t.t.l. Manufacture of transport equipment n.e.c.	309	0.380	101.1	101.5	111.6	112.6	113.5	114.4	130.2	121.1	119.9	119.4	123.9	127.4	129.0	146.5	
	Pembuatan perabot Manufacture of furniture	31	0.947	102.1	104.1	105.1	105.8	108.3	107.5	108.9	101.0	100.2	101.1	99.2	101.1	105.0	107.9	
	Pembuatan perabot Manufacture of furniture	310	0.947	102.1	104.1	105.1	105.8	108.3	107.5	108.9	101.0	100.2	101.1	99.2	101.1	105.0	107.9	

Nota/ Note:
n.a: Data tidak tersedia. Indeks bermula pada tahun 2017/ Data is not available. Index starts from 2017

Jadual Table 3	Indeks Harga Pengeluar (IHPR) Pengeluaran Tempatan mengikut Sektor, Bahagian dan Kumpulan (MSIC 2008), Malaysia, 2011-2024 (samb.) <i>Producer Price Index (PPI) Local Production by Sector, Division and Group (MSIC 2008), Malaysia, 2011-2024 (cont'd.)</i>
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Sektor, Bahagian dan Kumpulan Sector, Division and Group	Kod Code	Wajaran Weight	2010=100														
			2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Bekalan elektrik dan gas Electricity and gas supply	D	3.442	103.9	107.2	107.9	119.0	113.5	112.5	114.6	115.9	117.6	117.1	116.6	117.4	117.9	118.6	
Bekalan elektrik, gas, wap dan pendingin udara Electricity, gas, steam and air conditioning supply	35	3.442	103.9	107.2	107.9	119.0	113.5	112.5	114.6	115.9	117.6	117.1	116.6	117.4	117.9	118.6	
Penjanaan, penghantaran dan pengagihan tenaga elektrik Electric power generation, transmission and distribution	351	3.237	102.9	106.4	106.9	118.3	112.0	110.6	112.4	113.4	114.6	113.6	112.2	112.5	113.0	113.2	
Pembuatan gas; pengagihan bahan api berunsur gas melalui saluran utama Manufacture of gas; distribution of gaseous fuels through mains	352	0.205	121.0	122.2	124.2	131.8	139.0	146.2	153.5	158.2	170.3	180.0	198.2	208.4	208.4	218.4	
Bekalan air Water supply	E	0.330	104.2	104.1	106.6	107.6	110.3	114.2	114.1	114.4	111.9	111.7	112.3	115.2	118.0	125.7	
Penakungan, perawatan dan bekalan air Water collection, treatment and supply	36	0.330	104.2	104.1	106.6	107.6	110.3	114.2	114.1	114.4	111.9	111.7	112.3	115.2	118.0	125.7	
Penakungan, perawatan dan bekalan air Water collection, treatment and supply	360	0.330	104.2	104.1	106.6	107.6	110.3	114.2	114.1	114.4	111.9	111.7	112.3	115.2	118.0	125.7	

Nota/	Note:
	n.a: Data tidak tersedia. Indeks bermula pada tahun 2017/ <i>Data is not available. Index starts from 2017</i>

Jadual Table 4	Perubahan Peratus Tahunan IHPR Pengeluaran Tempatan mengikut Sektor, Bahagian dan Kumpulan (MSIC 2008), Malaysia, 2011-2024 Annual Percentage Change of PPI Local Production by Sector, Division and Group (MSIC 2008), Malaysia, 2011-2024																
	Sektor, Bahagian dan Kumpulan Sector, Division and Group	Kod Code	Wajaran Weight	2011	2012	2013	2014	2015	2016	2010=100 2017	2018	2019	2020	2021	2022	2023	2024
Jumlah Total		100.000	12.3	-0.4	-2.7	1.5	-7.4	-1.1	6.7	-1.1	-1.4	-2.7	9.5	7.8	-1.9	0.3	
Pertanian, perhutanan dan perikanan Agriculture, forestry and fishing	A	6.730	19.6	-11.5	-11.0	1.8	-3.9	16.3	7.0	-13.9	-4.0	15.7	30.2	1.3	-13.8	7.9	
Pengeluaran tanaman dan ternakan, pemburuan dan aktiviti perkhidmatan berkaitan Crop and animal production, hunting and related service activities	01	5.714	20.6	-15.0	-12.9	1.6	-5.3	20.0	8.1	-17.8	-5.3	19.8	34.5	0.4	-16.9	10.1	
Penanaman tanaman tidak kekal Growing of non-perennial crops	011	0.436	4.8	-1.5	7.7	1.5	15.3	0.8	2.0	0.4	0.1	-0.3	3.3	4.2	-1.0	-4.8	
Penanaman tanaman kekal Growing of perennial crops	012	3.934	23.4	-16.5	-17.1	1.2	-8.2	25.3	9.2	-22.9	-8.5	31.0	45.8	-0.7	-23.1	14.1	
Pengeluaran ternakan Animal production	014	1.344	7.2	-8.4	9.6	5.3	-0.4	3.5	3.3	0.4	2.1	-2.6	4.6	4.5	6.8	1.2	
Perhutanan dan pembalakan Forestry and logging	02	0.410	30.5	0.8	-13.1	-1.0	6.0	6.9	0.6	5.5	4.5	2.4	4.0	9.1	10.0	-2.6	
Pembalakan Logging	022	0.410	30.5	0.8	-13.1	-1.0	6.0	6.9	0.6	5.5	4.5	2.4	4.0	9.1	10.0	-2.6	
Perikanan dan akuakultur Fishing and aquaculture	03	0.606	6.3	7.3	2.1	4.5	-1.5	2.2	5.5	7.7	1.9	-8.0	7.4	6.6	5.9	-3.8	
Perikanan Fishing	031	0.508	4.2	10.3	3.2	6.7	-2.1	3.2	7.4	4.2	1.8	-9.3	9.6	7.2	6.4	-4.4	
Akuakultur Aquaculture	032	0.098	10.8	1.4	0.0	-0.7	0.0	-0.3	0.6	18.9	2.8	-1.1	-2.7	4.0	2.8	-0.3	
Per lombongan Mining	B	7.927	36.1	3.7	-0.4	-4.1	-36.1	-15.3	24.7	17.5	-3.7	-36.3	41.2	12.6	-5.9	-2.0	
Pengekstrakan petroleum mentah dan gas asli Extraction of crude petroleum and natural gas	06	7.927	36.1	3.7	-0.4	-4.1	-36.1	-15.3	24.7	17.5	-3.7	-36.3	41.2	12.6	-5.9	-2.0	
Pengekstrakan petroleum mentah Extraction of crude petroleum	061	5.782	37.9	1.2	-0.6	-8.0	-37.9	-6.8	30.8	20.8	-5.0	-39.6	47.7	6.4	-10.1	-2.8	
Pengekstrakan gas asli Extraction of natural gas	062	2.145	30.3	12.3	0.3	7.8	-31.2	-35.5	3.1	4.1	3.7	-18.7	15.9	43.7	9.9	-0.2	
Pembuatan Manufacturing	C	81.571	9.0	0.0	-2.4	2.2	-3.6	-1.2	5.3	-1.8	-0.9	-0.4	5.5	8.4	-0.2	-0.3	
Pembuatan produk makanan Manufacture of food products	10	14.531	19.9	-8.2	-12.0	6.8	-4.6	5.2	6.4	-9.6	-6.3	5.9	15.9	11.9	-5.9	1.3	
Pemprosesan dan pengawetan daging Processing and preserving of meat	101	0.392	n.a	n.a	n.a	n.a	n.a	n.a	n.a	-4.0	-4.1	4.8	7.3	8.3	7.8	-1.9	
Pemprosesan dan pengawetan ikan, krustasea dan moluska Processing and preserving of fish, crustaceans and molluscs	102	0.257	n.a	n.a	n.a	n.a	n.a	n.a	n.a	-1.4	-1.0	0.6	2.4	2.7	3.4	3.2	
Pemprosesan dan pengawetan buah-buahan dan sayur-sayuran Processing and preserving of fruit and vegetables	103	0.089	n.a	n.a	n.a	n.a	n.a	n.a	n.a	-2.2	-4.0	0.3	-1.8	4.9	5.8	5.4	
Pembuatan minyak dan lemak daripada sayuran dan haiwan Manufacture of vegetable and animal oils and fats	104	9.956	23.1	-10.4	-15.8	7.9	-6.7	6.8	8.0	-13.3	-9.0	9.0	22.3	14.2	-10.0	1.8	
Pembuatan produk tenusu Manufacture of dairy products	105	0.661	13.5	3.8	1.9	0.0	0.1	0.4	5.6	0.1	-3.5	0.8	1.9	9.4	2.8	1.5	
Pembuatan produk bijian, kanji dan produk berkanji Manufacture of grain mill products, starches and starch products	106	0.444	-0.1	1.4	1.7	-0.9	2.2	1.2	1.3	0.7	0.6	0.8	2.7	7.7	8.6	1.1	

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Jadual Table 4	Perubahan Peratus Tahunan IHPR Pengeluaran Tempatan mengikut Sektor, Bahagian dan Kumpulan (MSIC 2008), Malaysia, 2011-2024 (samb.)
	Annual Percentage Change of PPI Local Production by Sector, Division and Group (MSIC 2008), Malaysia, 2011-2024 (cont'd.)

Sektor, Bahagian dan Kumpulan Sector, Division and Group	Kod Code	Wajaran Weight	2010=100													
			2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Pembuatan produk makanan lain Manufacture of other food products	107	2.078	10.2	-1.2	-0.5	6.2	1.0	0.9	1.0	-1.3	-0.9	-1.1	-0.7	3.0	3.8	3.0
Pembuatan makanan haiwan tersedia Manufacture of prepared animal feeds	108	0.654	n.a	n.a	n.a	n.a	n.a	n.a	n.a	-1.3	0.6	0.5	8.6	14.4	4.9	-7.8
Pembuatan minuman Manufacture of beverages	11	0.671	4.0	0.8	-1.3	3.4	-0.5	0.8	-0.6	-0.7	0.2	-1.0	-0.7	0.6	1.0	2.0
Pembuatan minuman ringan Manufacture of beverages	110	0.671	4.0	0.8	-1.3	3.4	-0.5	0.8	-0.6	-0.7	0.2	-1.0	-0.7	0.6	1.0	2.0
Pembuatan produk tembakau Manufacture of tobacco products	12	0.306	-0.4	0.0	6.1	8.4	1.1	0.0	0.3	0.6	-1.0	0.3	0.3	0.0	1.3	-10.1
Pembuatan produk tembakau Manufacture of tobacco products	120	0.306	-0.4	0.0	6.1	8.4	1.1	0.0	0.3	0.6	-1.0	0.3	0.3	0.0	1.3	-10.1
Pembuatan tekstil Manufacture of textiles	13	0.634	-5.0	-7.9	0.2	6.6	7.8	-0.3	-2.3	-3.6	-2.5	2.2	0.7	5.6	2.2	2.6
Pemintalan, penenunan dan penyiapan tekstil Spinning, weaving and finishing of textiles	131	0.440	-5.0	-7.9	0.2	6.6	7.8	-0.3	-2.3	-0.9	-3.7	2.7	1.7	3.9	0.7	1.5
Pembuatan tekstil lain Manufacture of other textiles	139	0.194	n.a	n.a	n.a	n.a	n.a	n.a	n.a	-8.7	0.2	0.9	-1.1	8.9	5.3	4.7
Pembuatan pakaian Manufacture of wearing apparel	14	0.550	0.6	1.1	0.5	0.3	1.0	1.5	0.5	-3.0	0.4	-0.3	-2.1	1.0	2.8	4.3
Pembuatan pakaian, kecuali pakaian berbulu Manufacture of wearing apparel, except fur apparel	141	0.526	0.6	1.1	0.5	0.3	1.0	1.5	0.5	-3.1	0.4	-0.6	-1.9	1.1	2.8	4.6
Pembuatan artikel bulu Manufacture of articles of fur	142	0.004	n.a	n.a	n.a	n.a	n.a	n.a	n.a	-12.6	19.7	-2.4	6.5	-6.5	-10.6	-13.2
Pembuatan pakaian yang dikait dan dikrusye Manufacture of knitted and crocheted apparel	143	0.020	n.a	n.a	n.a	n.a	n.a	n.a	n.a	0.9	-1.2	6.3	-10.2	0.0	4.3	0.1
Pembuatan produk kulit dan barangan berkaitan Manufacture of leather and related products	15	0.138	-0.1	-0.1	0.0	-0.6	3.2	7.9	-5.3	-1.2	-0.1	0.7	-0.4	-1.5	1.2	-1.6
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	151	0.065	0.0	0.0	0.0	0.0	5.7	2.7	-0.6	-7.4	-0.6	3.0	1.6	-0.9	-3.7	-7.7
Pembuatan kasut Manufacture of footwear	152	0.073	-0.2	-0.1	0.0	-0.7	2.4	9.5	-6.6	3.6	0.3	-1.0	-1.9	-2.2	5.2	2.8
Pembuatan kayu dan produk kayu dan gabus, kecuali perabot; pembuatan bagi artikel jerami dan bahan-bahan anyaman Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	16	1.678	14.5	4.5	-1.6	0.5	5.4	3.1	1.3	1.2	1.1	-2.3	0.8	9.3	0.6	-4.1
Pengilangan dan pengetaman kayu Sawmilling and planing of wood	161	0.417	29.7	11.7	-8.0	-1.7	8.5	7.6	0.7	0.1	-1.5	-2.1	-2.0	2.7	2.9	-3.7
Pembuatan produk daripada kayu, gabus, jerami dan bahan jalinan lain Manufacture of products of wood, cork, straw and plaiting materials	162	1.261	8.5	1.0	1.8	1.6	4.0	0.9	1.6	1.4	1.9	-2.2	1.8	11.3	0.0	-4.3
Pembuatan kertas dan produk kertas Manufacture of paper and paper products	17	1.229	3.6	-1.4	-0.4	1.5	0.0	3.4	5.8	1.0	-0.4	-1.7	3.3	6.2	-1.0	-5.3
Pembuatan kertas dan produk kertas Manufacture of paper and paper products	170	1.229	3.6	-1.4	-0.4	1.5	0.0	3.4	5.8	1.0	-0.4	-1.7	3.3	6.2	-1.0	-5.3

Nota/ Note:
n.a: Data tidak tersedia. Indeks bermula pada tahun 2017/ Data is not available. Index starts from 2017

Jadual Table 4	Perubahan Peratus Tahunan IHPR Pengeluaran Tempatan mengikut Sektor, Bahagian dan Kumpulan (MSIC 2008), Malaysia, 2011-2024 (samb.) Annual Percentage Change of PPI Local Production by Sector, Division and Group (MSIC 2008), Malaysia, 2011-2024 (cont'd.)

Sektor, Bahagian dan Kumpulan Sector, Division and Group	Kod Code	Wajaran Weight	2010=100													
			2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Percetakan dan penerbitan semula media rakaman <i>Printing and reproduction of recorded media</i>	18	0.723	1.8	0.0	0.3	0.0	0.0	0.0	0.4	-3.8	0.7	-1.2	-1.7	-0.1	-1.1	-3.7
Percetakan dan aktiviti perkhidmatan berkaitan percetakan <i>Printing and service activities related to printing</i>	181	0.723	1.8	0.0	0.3	0.0	0.0	0.0	0.4	-3.8	0.7	-1.2	-1.7	-0.1	-1.1	-3.7
Pembuatan kok dan produk petroleum bertapis <i>Manufacture of coke and refined petroleum products</i>	19	10.038	21.3	8.5	-0.8	2.1	-19.3	-13.8	21.5	10.7	1.4	-6.9	13.3	20.4	-5.4	-12.7
Pembuatan produk petroleum bertapis <i>Manufacture of refined petroleum products</i>	192	10.038	21.3	8.5	-0.8	2.1	-19.3	-13.8	21.5	10.7	1.4	-6.9	13.3	20.4	-5.4	-12.7
Pembuatan kimia dan produk kimia <i>Manufacture of chemicals and chemical products</i>	20	6.691	14.6	-2.1	1.5	3.3	-1.4	-3.2	3.2	0.0	-3.5	-3.6	7.7	8.6	-3.3	-0.8
Pembuatan kimia asas, baja dan sebatian nitrogen, plastik dan getah sintetik dalam bentuk primer <i>Manufacture of basic chemicals, fertilizers and nitrogen compounds, plastics and synthetic rubber in primary forms</i>	201	5.285	17.3	-3.6	2.1	4.1	-1.7	-3.6	3.9	-0.3	-4.6	-4.4	9.1	9.6	-4.5	-0.7
Pembuatan produk kimia lain <i>Manufacture of other chemical products</i>	202	1.370	5.3	3.8	-1.0	1.2	-0.7	-1.3	0.7	1.1	0.6	-0.8	3.3	5.3	0.5	-1.2
Pembuatan serat buatan manusia <i>Manufacture of man-made fibres</i>	203	0.036	n.a	n.a	n.a	n.a	n.a	n.a	n.a	0.0	-3.5	1.2	-9.3	-2.0	14.9	15.3
Pembuatan produk farmaseutikal asas, kimia perubatan dan botani <i>Manufacture of basic pharmaceutical products and pharmaceutical preparations</i>	21	0.287	1.3	3.5	1.3	1.0	0.4	2.8	2.3	3.8	1.4	-4.0	-1.8	2.8	5.1	-0.2
Pembuatan produk farmaseutikal, kimia perubatan dan botani <i>Manufacture of pharmaceuticals, medicinal chemical and botanical products</i>	210	0.287	1.3	3.5	1.3	1.0	0.4	2.8	2.3	3.8	1.4	-4.0	-1.8	2.8	5.1	-0.2
Pembuatan produk getah dan plastik <i>Manufacture of rubber and plastics products</i>	22	4.744	10.6	-6.7	-3.2	-3.3	-0.3	0.8	4.8	-4.5	-1.5	-0.5	6.4	0.4	-0.8	0.6
Pembuatan produk getah <i>Manufacture of rubber products</i>	221	2.474	16.2	-11.7	-5.8	-6.4	-1.4	0.8	7.6	-7.9	-2.7	0.9	11.0	-3.3	-3.4	1.1
Pembuatan produk plastik <i>Manufacture of plastics products</i>	222	2.270	3.2	0.9	-0.1	0.7	1.0	0.9	1.6	-0.5	-0.2	-2.1	1.1	5.1	2.1	0.0
Pembuatan produk galian bukan logam lain <i>Manufacture of other non-metallic mineral products</i>	23	2.930	2.4	3.9	1.2	0.8	1.2	1.1	-0.8	-1.9	-0.2	-1.8	-1.4	5.3	3.8	-1.2
Pembuatan kaca dan produk kaca <i>Manufacture of glass and glass products</i>	231	0.365	3.0	6.2	1.4	0.3	0.3	0.8	1.9	-1.4	-0.6	0.6	1.1	7.4	-4.7	-2.7
Pembuatan pengeluaran galian bukan logam t.t.t.l. <i>Manufacture of non-metallic mineral products n.e.c.</i>	239	2.565	2.2	3.3	1.1	1.0	1.4	1.3	-1.5	-2.1	-0.1	-2.2	-1.7	4.9	5.1	-0.9
Pembuatan logam asas <i>Manufacture of basic metals</i>	24	3.064	6.5	-2.2	-3.1	-0.1	-2.5	-0.3	7.7	3.2	-1.9	-1.6	5.7	6.6	0.3	4.8
Pembuatan besi dan keluli asas <i>Manufacture of basic iron and steel</i>	241	1.866	6.2	-0.9	-3.7	-1.2	-4.5	0.1	7.9	3.8	-2.9	-2.5	6.1	5.8	0.2	1.0
Pembuatan logam asas berharga dan logam bukan ferus lain <i>Manufacture of basic precious and other non-ferrous metals</i>	242	1.035	6.9	-4.2	-1.8	1.8	1.0	-0.9	7.4	1.3	-0.3	-0.4	6.0	7.7	-0.3	6.3

Nota/ Note:
 n.a: Data tidak tersedia. Indeks bermula pada tahun 2017/ Data is not available. Index starts from 2017

Jadual Table 4	Perubahan Peratus Tahunan IHPR Pengeluaran Tempatan mengikut Sektor, Bahagian dan Kumpulan (MSIC 2008), Malaysia, 2011-2024 (samb.) Annual Percentage Change of PPI Local Production by Sector, Division and Group (MSIC 2008), Malaysia, 2011-2024 (cont'd.)																
	Sektor, Bahagian dan Kumpulan Sector, Division and Group	Kod Code	Wajaran Weight	2010=100													
				2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
	Penuangan logam Casting of metals	243	0.163	n.a	n.a	n.a	n.a	n.a	n.a	n.a	9.6	-2.2	0.8	0.3	6.2	5.7	33.6
	Pembuatan produk logam, kecuali mesin dan kelengkapan Manufacture of fabricated metal products, except machinery and equipment	25	3.620	1.5	-0.2	-0.5	-0.3	-0.8	0.3	2.6	-0.7	-1.2	-2.1	3.7	7.3	1.8	0.2
	Pembuatan produk struktur logam, tangki, takungan dan penjana wap Manufacture of structural metal products, tanks, reservoirs and steam generators	251	1.354	1.0	0.2	0.0	-0.7	-0.8	0.4	3.2	-1.2	-0.8	-2.5	2.5	3.9	-0.3	0.5
	Pembuatan senjata dan peluru Manufacture of weapons and ammunition	252	0.015	n.a	n.a	n.a	n.a	n.a	n.a	n.a	-0.7	-1.2	-2.1	3.7	7.3	1.8	0.2
	Pembuatan produk lain yang direka daripada logam; aktiviti perkhidmatan kerja logam Manufacture of other fabricated metal products; metalworking service activities	259	2.251	1.7	-0.3	-0.8	-0.1	-0.8	0.3	2.3	-0.4	-1.4	-1.9	4.4	9.3	3.0	0.0
	Pembuatan komputer, produk elektronik dan optikal Manufacture of computer, electronic and optical products	26	18.788	-2.2	4.0	0.0	1.6	3.1	0.2	-0.5	-4.0	1.5	1.8	-2.2	3.3	6.9	4.9
	Pembuatan komponen dan papan elektronik Manufacture of electronic components and boards	261	10.631	-1.6	7.8	0.0	2.9	4.9	0.6	0.3	-3.9	0.5	2.1	-0.6	5.1	7.8	2.4
	Pembuatan komputer dan kelengkapan peranti Manufacture of computers and peripheral equipment	262	2.647	-4.6	0.2	0.2	0.0	1.0	-0.9	-0.7	-2.0	3.1	4.7	-3.5	-4.4	5.1	12.9
	Pembuatan peralatan komunikasi Manufacture of communication equipment	263	1.081	-1.9	1.2	0.0	0.1	1.0	0.3	2.5	-4.4	6.7	-0.9	3.0	9.9	11.6	13.0
	Pembuatan peralatan elektronik pengguna Manufacture of consumer electronics	264	3.464	-1.6	-0.6	0.0	-0.1	0.0	-0.2	-3.2	-5.7	2.0	1.3	-11.0	2.2	-0.1	-5.0
	Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan; jam tangan dan jam Manufacture of measuring, testing, navigating and control equipment; watches and clocks	265	0.551	-4.5	-1.9	-6.1	-6.0	0.2	1.0	-5.1	-7.6	-0.7	-8.0	-2.1	-3.0	8.5	17.5
	Pembuatan peralatan penyinaran, perubahan elektro dan elektroterapeutik Manufacture of irradiation, electromedical and electrotherapeutic equipment	266	0.312	-5.7	1.3	4.1	7.4	17.7	4.9	4.9	-4.8	-3.0	2.0	3.1	7.0	8.4	34.5
	Pembuatan instrumen optikal dan kelengkapan fotografi Manufacture of optical instruments and photographic equipment	267	0.098	-2.2	4.0	0.0	1.6	3.1	0.2	-0.5	-3.5	0.2	9.5	2.3	2.0	18.3	30.6
	Pembuatan media magnetik dan optikal Manufacture of magnetic and optical media	268	0.004	n.a	n.a	n.a	n.a	n.a	n.a	n.a	1.3	-10.6	-3.3	0.4	7.4	7.2	0.0
	Pembuatan kelengkapan elektrik Manufacture of electrical equipment	27	2.577	-0.6	-0.7	1.1	0.4	-0.6	-1.3	6.8	-0.4	-0.1	-0.2	1.2	8.9	4.4	4.6
	Pembuatan motor elektrik, penjana, transformer dan perkakasan pengagihan dan pengawalan elektrik Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus	271	0.647	-5.1	1.3	3.6	0.9	1.2	2.3	0.9	-2.0	0.7	-1.1	1.7	8.1	11.1	6.5
	Pembuatan bateri dan akumulator Manufacture of batteries and accumulators	272	0.236	n.a	n.a	n.a	n.a	n.a	n.a	n.a	1.7	0.1	0.0	0.4	23.3	12.5	15.4

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Jadual Table 4	Perubahan Peratus Tahunan IHPR Pengeluaran Tempatan mengikut Sektor, Bahagian dan Kumpulan (MSIC 2008), Malaysia, 2011-2024 (samb.)
	Annual Percentage Change of PPI Local Production by Sector, Division and Group (MSIC 2008), Malaysia, 2011-2024 (cont'd.)

Sektor, Bahagian dan Kumpulan Sector, Division and Group	Kod Code	Wajaran Weight	2010=100													
			2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Pembuatan pendawaian dan peranti pendawaian Manufacture of wiring and wiring devices	273	0.783	2.4	-2.6	-0.8	-0.1	-1.8	-4.8	13.8	-1.0	-2.8	0.0	1.0	6.2	-2.2	-0.5
Pembuatan kelengkapan pencahayaan elektrik Manufacture of electric lighting equipment	274	0.063	n.a	n.a	n.a	n.a	n.a	n.a	n.a	0.9	-1.1	6.5	1.6	6.4	17.7	-2.0
Pembuatan perkakasan domestik Manufacture of domestic appliances	275	0.530	0.6	0.4	0.7	0.8	-1.1	-0.3	4.2	1.3	-0.3	-3.8	5.7	6.0	1.1	2.6
Pembuatan kelengkapan elektrik lain Manufacture of other electrical equipment	279	0.318	n.a	n.a	n.a	n.a	n.a	n.a	n.a	-2.1	6.5	6.6	-5.7	11.9	3.9	6.9
Pembuatan jentera dan peralatan t.t.t.l. Manufacture of machinery and equipment n.e.c.	28	2.058	-0.7	0.3	0.1	0.7	1.4	0.5	-1.1	-1.6	0.6	-1.9	2.1	2.2	-3.0	-1.6
Pembuatan jentera kegunaan umum Manufacture of general-purpose machinery	281	1.257	-0.5	0.4	0.2	1.0	0.9	0.3	-1.4	-0.2	0.8	-1.1	0.8	2.5	-1.2	0.5
Pembuatan jentera kegunaan khas Manufacture of special-purpose machinery	282	0.801	-1.0	-0.1	0.0	0.0	2.4	1.2	-0.5	-3.8	0.3	-3.5	4.4	1.7	-6.0	-5.0
Pembuatan kenderaan bermotor, treler dan semi treler Manufacture of motor vehicles, trailers and semi-trailers	29	3.963	0.5	-0.1	0.5	-0.2	-0.1	1.1	2.9	-2.4	3.3	-1.6	1.2	4.5	8.9	3.9
Pembuatan kenderaan bermotor Manufacture of motor vehicles	291	2.315	0.3	-1.2	0.0	0.1	0.0	0.5	2.5	-4.0	4.9	-3.6	1.2	4.1	10.0	5.6
Pembuatan kerangka (coachwork) untuk kenderaan bermotor; pembuatan treler dan semi treler Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers	292	0.095	n.a	n.a	n.a	n.a	n.a	n.a	n.a	-2.8	0.2	0.3	7.9	-1.7	1.0	4.3
Pembuatan alat ganti dan aksesori untuk kenderaan bermotor Manufacture of parts and accessories for motor vehicles	293	1.553	0.8	2.2	1.5	-0.8	-0.3	2.5	3.5	-0.3	1.5	1.1	0.7	5.4	7.8	1.7
Pembuatan kelengkapan pengangkutan lain Manufacture of other transport equipment	30	1.404	1.1	0.4	10.0	0.9	0.8	0.8	13.8	-0.7	2.0	-2.6	-4.3	5.4	0.0	-0.8
Pembinaan kapal dan bot Building of ships and boats	301	0.570	n.a	n.a	n.a	n.a	n.a	n.a	n.a	2.1	4.7	-4.2	-2.1	1.1	-11.4	-6.2
Pembuatan lokomotif keretapi dan rolling stock Manufacture of railway locomotives and rolling stock	302	0.028	n.a	n.a	n.a	n.a	n.a	n.a	n.a	-0.8	2.1	4.2	-4.5	10.3	9.1	5.4
Pembuatan kapal angkasa dan udara dan jentera berkaitan Manufacture of air and spacecraft and related machinery	303	0.282	n.a	n.a	n.a	n.a	n.a	n.a	n.a	4.4	1.6	-2.8	-20.0	21.1	17.0	-15.1
Pembuatan kenderaan tempur ketenteraan Manufacture of military fighting vehicles	304	0.144	n.a	n.a	n.a	n.a	n.a	n.a	n.a	-0.8	2.1	-3.3	-5.0	3.4	4.5	0.8
Pembuatan kelengkapan pengangkutan t.t.t.l. Manufacture of transport equipment n.e.c.	309	0.380	1.1	0.4	10.0	0.9	0.8	0.8	13.8	-7.0	-1.0	-0.4	3.8	2.8	1.3	13.6
Pembuatan perabot Manufacture of furniture	31	0.947	2.1	2.0	1.0	0.7	2.4	-0.7	1.3	-7.3	-0.8	0.9	-1.9	1.9	3.9	2.8
Pembuatan perabot Manufacture of furniture	310	0.947	2.1	2.0	1.0	0.7	2.4	-0.7	1.3	-7.3	-0.8	0.9	-1.9	1.9	3.9	2.8

Nota/

Note:

n.a: Data tidak tersedia. Indeks bermula pada tahun 2017/ Data is not available. Index starts from 2017

Jadual Table 4	Perubahan Peratus Tahunan IHPR Pengeluaran Tempatan mengikut Sektor, Bahagian dan Kumpulan (MSIC 2008), Malaysia, 2011-2024 (samb.) Annual Percentage Change of PPI Local Production by Sector, Division and Group (MSIC 2008), Malaysia, 2011-2024 (cont'd.)
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Sektor, Bahagian dan Kumpulan Sector, Division and Group	Kod Code	Wajaran Weight	2011	2012	2013	2014	2015	2016	2010=100							
									2017	2018	2019	2020	2021	2022	2023	2024
Bekalan elektrik dan gas Electricity and gas supply	D	3.442	3.9	3.2	0.7	10.3	-4.6	-0.9	1.9	1.1	1.5	-0.4	-0.4	0.7	0.4	0.6
Bekalan elektrik, gas, wap dan pendingin udara Electricity, gas, steam and air conditioning supply	35	3.442	3.9	3.2	0.7	10.3	-4.6	-0.9	1.9	1.1	1.5	-0.4	-0.4	0.7	0.4	0.6
Penjanaan, penghantaran dan pengagihan tenaga elektrik Electric power generation, transmission and distribution	351	3.237	2.9	3.4	0.5	10.7	-5.3	-1.3	1.6	0.9	1.1	-0.9	-1.2	0.3	0.4	0.2
Pembuatan gas; pengagihan bahan api berunsur gas melalui saluran utama Manufacture of gas; distribution of gaseous fuels through mains	352	0.205	21.0	1.0	1.6	6.1	5.5	5.2	5.0	3.1	7.6	5.7	10.1	5.1	0.0	4.8
Bekalan air Water supply	E	0.330	4.2	-0.1	2.4	0.9	2.5	3.5	-0.1	0.3	-2.2	-0.2	0.5	2.6	2.4	6.5
Penakungan, perawatan dan bekalan air Water collection, treatment and supply	36	0.330	4.2	-0.1	2.4	0.9	2.5	3.5	-0.1	0.3	-2.2	-0.2	0.5	2.6	2.4	6.5
Penakungan, perawatan dan bekalan air Water collection, treatment and supply	360	0.330	4.2	-0.1	2.4	0.9	2.5	3.5	-0.1	0.3	-2.2	-0.2	0.5	2.6	2.4	6.5

Nota/	Note:
	n.a: Data tidak tersedia. Indeks bermula pada tahun 2017/ Data is not available. Index starts from 2017

Jadual Table 5	Indeks Harga Pengeluar (IHPR) Pengeluaran Tempatan mengikut Peringkat Pemprosesan, Malaysia, 2011-2024 <i>Producer Price Index (PPI) Local Production by Stage of Processing, Malaysia, 2011-2024</i>																
Peringkat Pemprosesan <i>Stage of Processing</i>		Kod Code	Wajaran Weight	2010=100													
				2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Jumlah <i>Total</i>			100.000	112.3	111.8	108.8	110.4	102.2	101.1	107.9	106.7	105.2	102.4	112.1	120.8	118.5	118.9
Bahan mentah untuk diproseskan selanjutnya <i>Crude materials for futher processing</i>		1	16.410	124.7	121.2	116.9	114.4	90.9	94.0	107.9	110.7	106.4	93.3	121.6	129.1	116.7	117.5
Bahan makanan dan makanan untuk binatang <i>Foodstuffs and feedstuffs</i>		1.1	3.243	111.7	112.8	115.2	120.1	121.6	123.8	131.5	128.9	129.2	124.4	128.0	132.3	138.1	138.5
Bahan bukan makanan <i>Non-food materials</i>		1.2	13.167	128.0	123.3	117.4	113.0	83.1	86.4	101.9	105.7	100.7	86.4	118.4	126.4	111.1	111.8
Bahan bukan makanan kecuali bahan api <i>Non-food materials except fuel</i>		1.2.1	3.972	122.7	102.1	83.5	86.9	78.0	99.6	104.7	80.8	74.2	97.4	142.2	142.9	110.9	125.1
Bahan api mentah <i>Crude fuel</i>		1.2.2	9.195	130.3	132.3	131.7	124.0	85.3	80.8	100.7	116.8	112.7	80.4	106.1	117.5	110.3	104.6
Bahan perantaraan, bekalan dan komponen <i>Intermediate materials, supplies and components</i>		2	56.119	113.8	113.9	109.9	113.6	106.6	103.2	110.1	108.0	106.5	106.0	114.2	126.7	125.2	124.6
Bahan dan komponen untuk pembuatan <i>Materials and components for manufacturing</i>		2.1	29.589	116.4	109.0	101.2	103.9	101.1	103.3	109.1	103.4	99.6	101.5	112.1	123.4	118.7	120.3
Bahan untuk pembuatan makanan <i>Materials for food manufacturing</i>		2.1.1	4.467	121.4	109.8	92.9	97.9	91.2	96.9	104.5	90.1	82.1	92.7	118.4	133.4	121.3	126.0
Bahan untuk pembuatan lain <i>Materials for other manufacturing</i>		2.1.2	25.121	114.5	108.7	104.5	106.3	105.1	105.8	110.9	107.7	104.7	104.8	112.4	123.1	119.9	120.9
Bahan dan komponen untuk pembinaan <i>Materials and components for construction</i>		2.2	2.896	101.8	102.2	102.0	102.7	103.5	103.8	105.9	104.4	104.5	104.0	104.7	109.2	115.1	116.8
Bahan api yang diproses dan pelincir <i>Processed fuel and lubricants</i>		2.3	11.880	119.9	131.6	131.3	138.7	112.8	94.1	108.5	117.9	120.6	112.1	123.0	145.2	139.8	127.0
Bekas <i>Containers</i>		2.4	0.579	103.3	104.1	101.9	102.4	102.7	104.2	109.9	112.4	114.2	112.7	115.8	117.9	114.6	109.1
Bekalan <i>Supplies</i>		2.5	11.175	101.2	108.9	111.0	113.8	119.8	120.4	120.8	116.2	116.8	117.2	118.0	127.2	137.7	143.0
Industri pembuatan <i>Manufacturing industries</i>		2.5.1	6.793	101.2	109.6	111.5	114.7	121.4	121.9	121.2	116.0	115.8	117.5	117.8	125.5	137.4	140.9
Industri bukan pembuatan <i>Non-manufacturing industries</i>		2.5.2	4.382	101.5	103.4	107.4	107.4	108.4	109.8	117.9	114.2	116.0	114.6	116.0	127.0	135.4	143.1
Makanan binatang <i>Feeds</i>		2.5.2.1	0.564	n.a	n.a	n.a	n.a	n.a	n.a	117.9	118.4	119.0	119.0	129.7	150.3	159.9	149.9
Bekalan lain <i>Other supplies</i>		2.5.2.2	3.818	101.5	103.4	107.4	107.4	108.4	109.8	117.9	113.5	115.4	113.8	113.7	123.0	131.2	142.0
Barang siap <i>Finished goods</i>		3	27.471	99.6	100.4	100.1	100.9	102.1	102.5	103.4	100.9	101.5	101.4	101.2	103.0	106.2	108.2
Barangan pengguna siap <i>Finished consumer goods</i>		3.1	11.511	104.3	104.8	105.0	106.4	107.7	108.7	110.5	108.1	106.6	107.0	109.9	112.9	114.9	114.0
Makanan pengguna siap <i>Finished consumer foods</i>		3.1.1	3.508	106.9	107.7	107.8	110.5	112.2	114.3	117.1	116.5	114.4	115.4	118.6	125.9	129.7	131.3
Mentah <i>Crude</i>		3.1.1.1	0.265	108.5	111.6	118.6	133.1	139.2	140.2	143.9	142.2	139.7	136.8	140.7	144.1	158.3	162.1
Diproses <i>Processed</i>		3.1.1.2	3.243	106.7	107.3	106.8	108.3	109.6	111.8	114.4	113.9	111.8	113.1	116.2	123.8	126.8	126.2

Nota/ Note:
n.a: Data tidak tersedia. Indeks bermula pada tahun 2017/ Data is not available. Index starts from 2017

Jadual Table 5	Indeks Harga Pengeluar (IHPR) Pengeluaran Tempatan mengikut Peringkat Pemprosesan, Malaysia, 2011-2024 (samb.)																
	Producer Price Index (PPI) Local Production by Stage of Processing, Malaysia, 2011-2024 (cont'd.)																
Peringkat Pemprosesan Stage of Processing		Kod Code	Wajaran Weight	2011	2012	2013	2014	2015	2016	2010=100							
										2017	2018	2019	2020	2021	2022	2023	2024
Barangan pengguna siap kecuali makanan Finished consumer goods, excluding foods		3.1.2	8.003	103.2	103.5	103.7	104.5	105.8	106.2	107.6	104.4	103.2	103.4	106.2	107.4	108.7	106.9
Tahan lama Durable		3.1.2.1	1.887	101.2	102.8	103.4	103.7	104.8	104.4	104.0	97.6	96.3	96.5	95.8	99.8	105.6	105.8
Semi-tahan lama Semi-durable		3.1.2.2	1.560	103.1	105.1	105.5	106.9	109.0	110.7	112.5	112.0	112.3	111.4	112.0	115.8	116.1	117.8
Tidak tahan lama Non-durable		3.1.2.3	4.556	104.5	103.0	102.8	103.4	104.1	104.3	106.6	103.7	102.1	102.7	107.6	106.8	106.4	102.5
Kelengkapan modal Capital equipment		3.2	15.960	97.4	98.2	97.8	98.4	99.3	99.6	100.1	97.6	99.6	99.1	96.7	97.8	101.8	105.8
Industri pembuatan Manufacturing industries		3.2.1	6.037	96.5	98.9	97.7	98.9	100.5	101.0	102.4	100.3	98.8	96.6	95.9	97.8	100.3	103.2
Industri bukan pembuatan Non-manufacturing industries		3.2.2	9.923	98.0	97.7	97.9	97.9	98.4	98.5	98.2	95.5	99.6	100.3	96.7	97.4	102.4	107.0

Nota/ Note:
n.a: Data tidak tersedia. Indeks bermula pada tahun 2017/ Data is not available. Index starts from 2017

Jadual Table 6	Perubahan Peratus Tahunan IHPR Pengeluaran Tempatan mengikut Peringkat Pemprosesan, Malaysia, 2011-2024																	
	Annual Percentage Change of PPI Local Production by Stage of Processing, Malaysia, 2011-2024																	
Peringkat Pemprosesan Stage of Processing		Kod Code	Wajaran Weight	2010=100														
				2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Jumlah Total			100.000	12.3	-0.4	-2.7	1.5	-7.4	-1.1	6.7	-1.1	-1.4	-2.7	9.5	7.8	-1.9	0.3	
Bahan mentah untuk diproseskan selanjutnya Crude materials for futher processing		1	16.410	24.7	-2.8	-3.5	-2.1	-20.5	3.4	14.8	2.6	-3.9	-12.3	30.3	6.2	-9.6	0.7	
Bahan makanan dan makanan untuk binatang Foodstuffs and feedstuffs		1.1	3.243	11.7	1.0	2.1	4.3	1.2	1.8	6.2	-2.0	0.2	-3.7	2.9	3.4	4.4	0.3	
Bahan bukan makanan Non-food materials		1.2	13.167	28.0	-3.7	-4.8	-3.7	-26.5	4.0	17.9	3.7	-4.7	-14.2	37.0	6.8	-12.1	0.6	
Bahan bukan makanan kecuali bahan api Non-food materials except fuel		1.2.1	3.972	22.7	-16.8	-18.2	4.1	-10.2	27.7	5.1	-22.8	-8.2	31.3	46.0	0.5	-22.4	12.8	
Bahan api mentah Crude fuel		1.2.2	9.195	30.3	1.5	-0.5	-5.8	-31.2	-5.3	24.6	16.0	-3.5	-28.7	32.0	10.7	-6.1	-5.2	
Bahan perantaraan, bekalan dan komponen Intermediate materials, supplies and components		2	56.119	13.8	0.1	-3.5	3.4	-6.2	-3.2	6.7	-1.9	-1.4	-0.5	7.7	10.9	-1.2	-0.5	
Bahan dan komponen untuk pembuatan Materials and components for manufacturing		2.1	29.589	16.4	-6.4	-7.2	2.7	-2.7	2.2	5.6	-5.2	-3.7	1.9	10.4	10.1	-3.8	1.3	
Bahan untuk pembuatan makanan Materials for food manufacturing		2.1.1	4.468	21.4	-9.6	-15.4	5.4	-6.8	6.3	7.8	-13.8	-8.9	12.9	27.7	12.7	-9.1	3.9	
Bahan untuk pembuatan lain Materials for other manufacturing		2.1.2	25.121	14.5	-5.1	-3.9	1.7	-1.1	0.7	4.8	-2.9	-2.8	0.1	7.3	9.5	-2.6	0.8	
Bahan dan komponen untuk pembinaan Materials and components for construction		2.2	2.896	1.8	0.4	-0.2	0.7	0.8	0.3	2.0	-1.4	0.1	-0.5	0.7	4.3	5.4	1.5	
Bahan api yang diproses dan pelincir Processed fuel and lubricants		2.3	11.880	19.9	9.8	-0.2	5.6	-18.7	-16.6	15.3	8.7	2.3	-7.0	9.7	18.0	-3.7	-9.2	
Bekas Containers		2.4	0.579	3.3	0.8	-2.1	0.5	0.3	1.5	5.5	2.3	1.6	-1.3	2.8	1.8	-2.8	-4.8	
Bekalan Supplies		2.5	11.175	1.2	7.6	1.9	2.5	5.3	0.5	0.3	-3.8	0.5	0.3	0.7	7.8	8.3	3.8	
Industri pembuatan Manufacturing industries		2.5.1	6.793	1.2	8.3	1.7	2.9	5.8	0.4	-0.6	-4.3	-0.2	1.5	0.3	6.5	9.5	2.5	
Industri bukan pembuatan Non-manufacturing industries		2.5.2	4.382	1.5	1.9	3.9	0.0	0.9	1.3	7.4	-3.1	1.6	-1.2	1.2	9.5	6.6	5.7	
Makanan binatang Feeds		2.5.2.1	0.564	n.a	n.a	n.a	n.a	n.a	n.a	n.a	0.4	0.5	0.0	9.0	15.9	6.4	-6.3	
Bekalan lain Other supplies		2.5.2.2	3.818	1.5	1.9	3.9	0.0	0.9	1.3	7.4	-3.7	1.7	-1.4	-0.1	8.2	6.7	8.2	
Barang siap Finished goods		3	27.471	-0.4	0.8	-0.3	0.8	1.2	0.4	0.9	-2.4	0.6	-0.1	-0.2	1.8	3.1	1.9	
Barangan pengguna siap Finished consumer goods		3.1	11.511	4.3	0.5	0.2	1.3	1.2	0.9	1.7	-2.2	-1.4	0.4	2.7	2.7	1.8	-0.8	
Makanan pengguna siap Finished consumer foods		3.1.1	3.508	6.9	0.7	0.1	2.5	1.5	1.9	2.4	-0.5	-1.8	0.9	2.8	6.2	3.0	1.2	
Mentah Crude		3.1.1.1	0.265	8.5	2.9	6.3	12.2	4.6	0.7	2.6	-1.2	-1.8	-2.1	2.9	2.4	9.9	2.4	
Diproses Processed		3.1.1.2	3.243	6.7	0.6	-0.5	1.4	1.2	2.0	2.3	-0.4	-1.8	1.2	2.7	6.5	2.4	1.1	

Nota/ Note:
n.a: Data tidak tersedia. Indeks bermula pada tahun 2017/ Data is not available. Index starts from 2017

Jadual Table 6	Perubahan Peratus Tahunan IHPR Pengeluaran Tempatan mengikut Peringkat Pemprosesan, Malaysia, 2011-2024 (samb.) Annual Percentage Change of PPI Local Production by Stage of Processing, Malaysia, 2011-2024 (cont'd.)																
	Peringkat Pemprosesan Stage of Processing	Kod Code	Wajaran Weight	2010=100													
			2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
	Barangan pengguna siap kecuali makanan Finished consumer goods, excluding foods	3.1.2	8.003	3.2	0.3	0.2	0.8	1.2	0.4	1.3	-3.0	-1.1	0.2	2.7	1.1	1.2	-1.7
	Tahan lama Durable	3.1.2.1	1.887	1.2	1.6	0.6	0.3	1.1	-0.4	-0.4	-6.2	-1.3	0.2	-0.7	4.2	5.8	0.2
	Semi-tahan lama Semi-durable	3.1.2.2	1.560	3.1	1.9	0.4	1.3	2.0	1.6	1.6	-0.4	0.3	-0.8	0.5	3.4	0.3	1.5
	Tidak tahan lama Non-durable	3.1.2.3	4.556	4.5	-1.4	-0.2	0.6	0.7	0.2	2.2	-2.7	-1.5	0.6	4.8	-0.7	-0.4	-3.7
	Kelengkapan modal Capital equipment	3.2	15.960	-2.6	0.8	-0.4	0.6	0.9	0.3	0.5	-2.5	2.0	-0.5	-2.4	1.1	4.1	3.9
	Industri pembuatan Manufacturing industries	3.2.1	6.037	-3.5	2.5	-1.2	1.2	1.6	0.5	1.4	-2.1	-1.5	-2.2	-0.7	2.0	2.6	2.9
	Industri bukan pembuatan Non-manufacturing industries	3.2.2	9.923	-2.0	-0.3	0.2	0.0	0.5	0.1	-0.3	-2.7	4.3	0.7	-3.6	0.7	5.1	4.5

Nota/

Note:

n.a: Data tidak tersedia. Indeks bermula pada tahun 2017/ Data is not available. Index starts from 2017

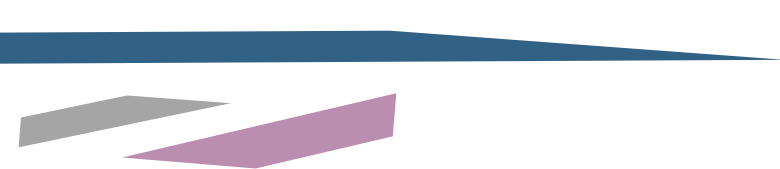
IHPR mengikut Sektor <i>PPI by Sector</i>	Kod <i>Code</i>	2010=100													
		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Jumlah <i>Total</i>		109.6	109.7	107.8	109.3	104.0	103.8	110.7	110.4	109.2	106.2	114.5	124.1	122.1	122.5
Pertanian, perhutanan dan perikanan <i>Agriculture, forestry and fishing</i>	A	118.4	106.0	96.0	98.0	94.9	107.3	114.9	101.2	98.4	111.2	140.4	142.3	125.7	134.7
Perlombongan <i>Mining</i>	B	129.2	133.1	132.1	127.5	86.7	75.6	97.6	117.3	113.6	74.6	101.3	120.8	110.8	108.1
Pembuatan <i>Manufacturing</i>	C	107.1	107.6	106.2	108.1	106.2	106.1	111.6	110.4	109.5	108.6	113.7	123.2	123.0	123.1
Bekalan elektrik dan gas <i>Electricity and gas supply</i>	D	103.9	107.2	107.9	119.0	113.5	112.5	114.6	115.9	117.6	117.1	116.7	117.5	117.9	118.6
Bekalan air <i>Water supply</i>	E	104.2	104.1	106.6	107.6	110.3	114.2	114.1	114.4	111.8	111.7	112.2	115.2	117.9	125.7

IHPR mengikut Seksyen Barangan <i>PPI by Commodity Section</i>	Kod <i>Code</i>	2010=100													
		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Jumlah <i>Total</i>		109.6	109.7	107.8	109.3	104.0	103.8	110.7	110.4	109.2	106.2	114.5	124.1	122.1	122.5
Makanan <i>Food</i>	0	109.4	109.7	111.3	116.2	117.6	119.2	126.8	127.1	127.5	127.3	131.1	137.6	142.5	143.1
Minuman dan tembakau <i>Beverages and tobacco</i>	1	104.6	105.3	106.7	109.7	110.3	111.5	113.1	113.9	113.8	113.7	114.0	114.1	116.7	117.4
Bahan-bahan mentah tidak boleh dimakan <i>Crude materials, inedible</i>	2	119.5	104.3	91.0	89.1	85.7	97.7	106.1	89.6	85.2	99.4	130.3	132.1	112.0	120.9
Bahan api galian, pelincir, dll. <i>Mineral fuels, lubricants, etc.</i>	3	122.4	129.4	128.6	129.0	100.5	88.9	108.4	123.3	120.1	96.7	116.3	142.0	134.4	126.3
Minyak dan lemak binatang dan sayur-sayuran <i>Animal and vegetable oils and fats</i>	4	122.5	110.2	93.5	100.5	94.3	101.2	110.6	95.9	87.5	95.7	118.7	137.6	124.1	127.6
Bahan kimia <i>Chemicals</i>	5	108.9	108.4	109.3	111.7	111.8	109.9	113.0	113.0	110.7	108.5	114.0	121.0	117.0	114.6
Barang-barang keluaran kilang <i>Manufactured goods</i>	6	103.6	103.1	102.5	103.0	103.2	103.4	108.5	109.6	108.7	108.5	112.4	118.2	118.7	118.3
Jentera dan kelengkapan pengangkutan <i>Machinery and transport equipment</i>	7	100.7	102.6	103.5	104.8	107.1	108.9	110.1	107.6	109.7	109.5	107.8	112.8	117.3	120.2
Pelbagai barang keluaran kilang <i>Miscellaneous manufactured articles</i>	8	102.7	103.5	104.0	104.8	106.7	109.0	111.4	108.2	107.1	106.6	108.5	108.4	111.3	114.4
Pelbagai urusan niaga dan barangan <i>Miscellaneous transactions and commodities</i>	9	107.3	110.7	105.3	102.7	109.1	126.2	130.8	121.9	133.9	165.5	169.5	178.0	184.5	216.7

Jadual Table 8	Perubahan Peratus Tahunan IHPR Ekonomi Domestik mengikut Sektor (MSIC 2008) dan Seksyen Barangan (SITC 4.0), Malaysia, 2011-2024
	Annual Percentage Change of PPI Domestic Economy by Sector (MSIC 2008) and Commodity Section (SITC 4.0), Malaysia, 2011-2024

IHPR mengikut Sektor PPI by Sector	Kod Code	2010=100													
		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Jumlah Total		9.6	0.1	-1.7	1.4	-4.8	-0.2	6.6	-0.3	-1.1	-2.7	7.8	8.4	-1.6	0.3
Pertanian, perhutanan dan perikanan Agriculture, forestry and fishing	A	18.4	-10.5	-9.4	2.1	-3.2	13.1	7.1	-11.9	-2.8	13.0	26.3	1.4	-11.7	7.2
Perlombongan Mining	B	29.2	3.0	-0.8	-3.5	-32.0	-12.8	29.1	20.2	-3.2	-34.3	35.8	19.2	-8.3	-2.4
Pembuatan Manufacturing	C	7.1	0.5	-1.3	1.8	-1.8	-0.1	5.2	-1.1	-0.8	-0.8	4.7	8.4	-0.2	0.1
Bekalan elektrik dan gas Electricity and gas supply	D	3.9	3.2	0.7	10.3	-4.6	-0.9	1.9	1.1	1.5	-0.4	-0.3	0.7	0.3	0.6
Bekalan air Water supply	E	4.2	-0.1	2.4	0.9	2.5	3.5	-0.1	0.3	-2.3	-0.1	0.4	2.7	2.3	6.6

IHPR mengikut Seksyen Barangan PPI by Commodity Section	Kod Code	2010=100													
		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Jumlah Total		9.6	0.1	-1.7	1.4	-4.8	-0.2	6.6	-0.3	-1.1	-2.7	7.8	8.4	-1.6	0.3
Makanan Food	0	9.4	0.3	1.5	4.4	1.2	1.4	6.4	0.2	0.3	-0.2	3.0	5.0	3.6	0.4
Minuman dan tembakau Beverages and tobacco	1	4.6	0.7	1.3	2.8	0.5	1.1	1.4	0.7	-0.1	-0.1	0.3	0.1	2.3	0.6
Bahan-bahan mentah tidak boleh dimakan Crude materials, inedible	2	19.5	-12.7	-12.8	-2.1	-3.8	14.0	8.6	-15.6	-4.9	16.7	31.1	1.4	-15.2	7.9
Bahan api galian, pelincir, dll. Mineral fuels, lubricants, etc.	3	22.4	5.7	-0.6	0.3	-22.1	-11.5	21.9	13.7	-2.6	-19.5	20.3	22.1	-5.4	-5.8
Minyak dan lemak binatang dan sayur-sayuran Animal and vegetable oils and fats	4	22.5	-10.0	-15.2	7.5	-6.2	7.3	9.3	-13.3	-8.8	9.4	24.0	15.9	-9.8	2.8
Bahan kimia Chemicals	5	8.9	-0.5	0.8	2.2	0.1	-1.7	2.8	0.0	-2.0	-2.0	5.1	6.1	-3.4	-2.1
Barang-barang keluaran kilang Manufactured goods	6	3.6	-0.5	-0.6	0.5	0.2	0.2	4.9	1.0	-0.8	-0.2	3.6	5.2	0.4	-0.3
Jentera dan kelengkapan pengangkutan Machinery and transport equipment	7	0.7	1.9	0.9	1.3	2.2	1.7	1.1	-2.3	2.0	-0.2	-1.6	4.6	4.1	2.5
Pelbagai barang keluaran kilang Miscellaneous manufactured articles	8	2.7	0.8	0.5	0.8	1.8	2.2	2.2	-2.9	-1.0	-0.5	1.8	0.0	2.6	2.8
Pelbagai urus niaga dan barangan Miscellaneous transactions and commodities	9	7.3	3.2	-4.9	-2.5	6.2	15.7	3.6	-6.8	9.8	23.6	2.4	5.0	3.7	17.5



JADUAL IHPRP

SPPI TABLES



Jadual
Table
1

Indeks Harga Pengeluar Perkhidmatan (IHPRP) mengikut Seksyen (MSIC 2008), Malaysia, 2011-2024
Services Producer Price Index (SPPI) by Section (MSIC 2008), Malaysia 2011-2024

IHPRP mengikut Seksyen SPPI by Section	Kod Code	Wajaran Weight	2010=100														
			2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Jumlah Total		100.0	101.4	102.9	103.5	104.3	105.6	106.7	107.9	108.9	109.6	110.1	110.4	112.7	115.1	115.9	
Pengangkutan Transportation	H	22.4	100.7	102.5	102.9	102.2	103.2	103.5	103.1	103.5	103.8	104.7	104.5	107.6	110.7	109.1	
Penginapan dan aktiviti perkhidmatan makanan & minuman Accommodation and food beverage service activities	I	20.0	103.9	107.0	109.7	113.5	117.4	121.2	125.9	129.3	132.2	134.0	135.9	143.3	151.3	155.2	
Maklumat & komunikasi Information & communication	J	39.6	100.0	100.6	100.5	100.6	100.5	100.6	100.7	101.1	101.2	101.1	101.1	101.1	101.1	101.1	
Aktiviti hartanah Real estate activities	L	0.5	103.4	108.3	113.2	115.5	118.3	120.2	122.5	123.4	124.2	125.6	126.7	127.0	127.2	127.6	
Profesional Professional	M	4.7	100.4	100.6	100.7	100.9	101.4	102.2	103.0	103.7	103.7	103.7	103.7	104.1	104.5	104.7	
Pendidikan Education	P	3.6	101.0	103.4	103.7	104.9	107.4	109.5	112.3	113.7	114.4	115.2	115.8	116.9	118.1	119.1	
Kesihatan Health	Q	4.3	100.2	100.4	100.4	100.6	101.0	102.4	104.9	105.4	105.6	106.7	107.2	107.5	107.8	108.1	
Kesenian, hiburan & rekreasi Arts, entertainment & recreation	R	4.9	102.7	102.9	101.2	100.8	101.7	100.9	99.3	100.5	100.6	99.2	99.1	103.4	105.8	112.9	

Jadual
Table
2

Peratus Perubahan Tahunan Indeks Harga Pengeluar Perkhidmatan (IHPRP) mengikut Seksyen (MSIC 2008), Malaysia, 2011-2024
Annual Percentage Change of Services Producer Price Index (SPPI) by Section (MSIC 2008), Malaysia 2011-2024

IHPRP mengikut Seksyen SPPI by Section	Kod	Wajaran	2010=100														
	Code	Weight	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Jumlah Total		100.0	1.4	1.5	0.6	0.8	1.2	1.0	1.1	0.9	0.6	0.5	0.3	2.1	2.1	0.7	
Pengangkutan Transportation	H	22.4	0.7	1.8	0.4	-0.7	1.0	0.3	-0.4	0.4	0.3	0.9	-0.2	3.0	2.9	-1.4	
Penginapan dan aktiviti perkhidmatan makanan & minuman Accommodation and food beverage service activities	I	20.0	3.9	3.0	2.5	3.5	3.4	3.2	3.9	2.7	2.2	1.4	1.4	5.4	5.6	2.6	
Maklumat & komunikasi Information & communication	J	39.6	0.0	0.6	-0.1	0.1	-0.1	0.1	0.1	0.4	0.1	-0.1	0.0	0.0	0.0	0.0	
Aktiviti hartanah Real estate activities	L	0.5	3.4	4.7	4.5	2.0	2.4	1.6	1.9	0.7	0.6	1.1	0.9	0.2	0.2	0.3	
Profesional Professional	M	4.7	0.4	0.2	0.1	0.2	0.5	0.8	0.8	0.7	0.0	0.0	0.0	0.4	0.4	0.2	
Pendidikan Education	P	3.6	1.0	2.4	0.3	1.2	2.4	2.0	2.6	1.2	0.6	0.7	0.5	0.9	1.0	0.8	
Kesihatan Health	Q	4.3	0.2	0.2	0.0	0.2	0.4	1.4	2.4	0.5	0.2	1.0	0.5	0.3	0.3	0.3	
Kesenian, hiburan & rekreasi Arts, entertainment & recreation	R	4.9	2.7	0.2	-1.7	-0.4	0.9	-0.8	-1.6	1.2	0.1	-1.4	-0.1	4.3	2.3	6.7	

Jadual Table 3	Indeks Harga Pengeluar Perkhidmatan (IHPRP) mengikut Seksyen, Bahagian dan Kumpulan (MSIC 2008), Malaysia, 2011-2024 <i>Services Producer Price Index (SPPi) by Section, Division and Group (MSIC 2008), Malaysia, 2011-2024</i>
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Seksyen, Bahagian dan Kumpulan Section, Division and Group	Kod Code	Wajaran Weight	2010=100														
			2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Jumlah Total		100.0	101.4	102.9	103.5	104.3	105.6	106.7	107.9	108.9	109.6	110.1	110.4	112.7	115.1	115.9	
Pengangkutan Transportation	H	22.4	100.7	102.5	102.9	102.2	103.2	103.5	103.1	103.5	103.8	104.7	104.5	107.6	110.7	109.1	
Pengangkutan darat & pengangkutan melalui saliran paip Land transport & transport via pipelines	49	5.9	101.7	103.9	104.2	105.2	106.4	107.1	107.4	107.4	107.5	107.6	108.9	109.8	110.6	111.2	
Pengangkutan darat lain Other land transport	492	5.9	101.7	103.9	104.2	105.2	106.4	107.1	107.4	107.4	107.5	107.6	108.9	109.8	110.6	111.2	
Pengangkutan air Water transport	50	4.1	100.4	100.5	100.3	100.4	100.4	100.5	100.1	100.0	100.3	100.8	101.8	102.6	102.8	102.8	
Pengangkutan air laut & pesisir pantai Sea & coastal water transport	501	4.1	100.4	100.5	100.3	100.4	100.4	100.5	100.1	100.0	100.3	100.8	101.8	102.6	102.8	102.8	
Pengangkutan udara Air transport	51	6.1	99.8	102.4	102.9	100.6	101.6	101.5	100.3	101.3	101.7	103.5	101.0	110.0	119.8	113.3	
Pengangkutan penumpang udara Passenger air transport	511	5.5	99.8	102.4	102.0	99.3	99.8	99.6	98.2	99.2	99.7	101.2	98.4	108.0	118.8	111.7	
Pengangkutan muatan udara Freight air transport	512	0.7	100.0	102.3	109.1	109.4	113.6	114.7	114.7	114.5	114.5	117.5	118.6	121.2	120.9	120.6	
Penggudangan & aktiviti sokongan untuk pengangkutan Warehousing & support activities for transportation	52	5.2	n.a	n.a	n.a	n.a	n.a	n.a	n.a	103.5	103.5	103.6	103.6	103.6	103.6	103.6	
Aktiviti sokongan untuk pengangkutan Support activities for transportation	522	5.2	n.a	n.a	n.a	n.a	n.a	n.a	n.a	103.5	103.5	103.6	103.6	103.6	103.6	103.6	
Perkhidmatan pos & kurier Postal & courier activities	53	1.1	101.9	103.7	104.6	105.6	106.9	108.4	110.6	110.6	112.9	117.2	118.5	122.0	124.3	125.5	
Aktiviti pos Postal activities	531	0.5	103.2	104.2	104.2	104.2	104.2	105.9	111.1	111.5	116.6	123.9	124.8	132.1	136.4	138.8	
Aktiviti kurier Courier activities	532	0.7	101.2	103.5	104.8	106.3	108.3	109.7	110.4	110.5	110.8	113.0	114.7	115.4	116.2	116.7	
Penginapan dan aktiviti perkhidmatan makanan & minuman Accommodation and food & beverage service activities	I	20.0	103.9	107.0	109.7	113.5	117.4	121.2	125.9	129.3	132.2	134.0	135.9	143.3	151.3	155.2	
Penginapan Accommodation	55	3.0	100.1	100.2	100.3	100.9	101.8	101.9	103.0	102.8	103.1	102.8	103.2	103.8	105.5	106.2	
Aktiviti penginapan jangka masa pendek Short-term accommodation activities	551	3.0	100.1	100.2	100.3	100.9	101.8	101.9	103.0	102.8	103.1	102.8	103.2	103.8	105.5	106.2	
Aktiviti perkhidmatan makanan & minuman Food & beverage service activities	56	16.9	104.8	108.6	111.8	116.5	121.1	125.7	131.2	135.2	138.7	141.0	143.1	152.0	161.4	166.0	
Restoran & aktiviti perkhidmatan bergerak Restaurants & mobile food service activities	561	14.8	104.7	108.6	111.9	116.5	121.1	125.8	131.6	136.0	139.8	142.2	144.6	154.0	163.9	168.6	
Katering & aktiviti perkhidmatan makanan lain Event catering & other food service activities	562	0.7	104.6	107.0	108.3	111.6	115.0	118.3	120.1	120.7	121.0	121.4	121.4	122.1	123.3	125.2	
Aktiviti perkhidmatan minuman Beverage serving activities	563	1.4	105.9	109.2	111.9	117.4	122.6	126.5	130.1	133.4	135.1	136.6	137.6	144.3	152.4	157.7	
Maklumat & komunikasi Information & communication	J	39.6	100.0	100.6	100.5	100.6	100.5	100.6	100.7	101.1	101.2	101.1	101.1	101.1	101.1	101.1	
Telekomunikasi Telecommunications	61	34.4	100.0	100.5	100.5	100.4	100.4	100.4	100.4	100.0	100.1	100.0	99.9	100.0	100.0	99.9	
Aktiviti telekomunikasi berwayar Wired telecommunication activities	611	7.6	100.0	100.4	99.2	99.2	99.2	99.2	99.2	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
Aktiviti telekomunikasi tanpa wayar Wireless telecommunication activities	612	26.8	100.0	100.6	101.1	101.1	101.0	101.0	101.1	101.0	101.1	101.0	100.9	101.0	101.0	100.9	
Pengaturcaraan komputer, perundingan & aktiviti yang berkaitan Computer programming, consultancy & related activities	62	4.7	100.0	100.8	101.2	101.4	101.6	102.1	102.4	103.1	103.3	103.4	103.5	103.4	103.1	103.2	
Pengaturcaraan komputer, perundingan & aktiviti berkaitan Computer programming, consultancy & related activities	620	4.7	100.0	100.8	101.2	101.4	101.6	102.1	102.4	103.1	103.3	103.4	103.5	103.4	103.1	103.2	

Nota/ *Note:*
n.a: Data tidak tersedia. Indeks bermula pada tahun 2018/ *Data is not available. Index starts from 2018*

Jadual Table 3	Indeks Harga Pengeluar Perkhidmatan (IHPRP) mengikut Seksyen, Bahagian dan Kumpulan (MSIC 2008), Malaysia, 2011-2024 (samb.) <i>Services Producer Price Index (SPPi) by Section, Division and Group (MSIC 2008), Malaysia, 2011-2024 (cont'd)</i>
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Seksyen, Bahagian dan Kumpulan <i>Section, Division and Group</i>	Kod Code	2010=100														
		Wajaran <i>Weight</i>	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Aktiviti perkhidmatan maklumat <i>Information service activities</i>	63	0.5	100.0	100.0	100.0	100.2	100.6	101.4	101.4	101.0	101.0	101.0	101.0	101.1	101.2	101.5
Prosesan data, hosting & aktiviti yang berkaitan; web portal <i>Data processing, hosting & related activities; web portals</i>	631	0.5	100.0	100.0	100.0	100.2	100.6	101.4	101.4	101.0	101.0	101.0	101.0	101.1	101.2	101.5
Aktiviti hartanah <i>Real estate activities</i>	L	0.5	103.4	108.3	113.2	115.5	118.3	120.2	122.5	123.4	124.2	125.6	126.7	127.0	127.2	127.6
Aktiviti hartanah <i>Real estate activities</i>	68	0.5	103.4	108.3	113.2	115.5	118.3	120.2	122.5	123.4	124.2	125.6	126.7	127.0	127.2	127.6
Aktiviti hartanah atas dasar bayaran atau kontrak <i>Real estate activities on a fee or contract basis</i>	682	0.5	103.4	108.3	113.2	115.5	118.3	120.2	122.5	123.4	124.2	125.6	126.7	127.0	127.2	127.6
Profesional <i>Professional</i>	M	4.7	100.4	100.6	100.7	100.9	101.4	102.2	103.0	103.7	103.7	103.7	103.7	104.1	104.5	104.7
Aktiviti guaman & perakaunan <i>Legal & accounting activities</i>	69	2.4	100.6	100.9	101.2	101.6	102.4	103.7	104.3	105.0	104.9	104.9	104.9	105.3	105.7	106.0
Aktiviti guaman <i>Legal activities</i>	691	1.4	100.0	100.0	100.1	100.2	101.0	102.7	103.3	104.2	104.2	104.1	104.2	104.4	104.6	104.8
Aktiviti perakaunan, simpan kira & audit; perundingan percukaian <i>Accounting, bookkeeping & auditing activities; tax consultancy</i>	692	1.0	101.5	102.6	103.1	104.1	104.8	105.5	106.1	106.6	106.7	106.7	106.7	107.3	107.9	108.2
Aktiviti arkitek & kejuruteraan; ujian teknikal & analisis <i>Architectural & engineering activities; technical testing & analysis</i>	71	2.3	100.1	100.2	100.2	100.2	100.4	100.6	101.6	102.4	102.5	102.4	102.5	102.8	103.2	103.5
Aktiviti arkitek & kejuruteraan; perundingan teknikal yang berkaitan <i>Architectural & engineering activities; related technical consultancy</i>	711	2.3	100.1	100.2	100.2	100.2	100.4	100.6	101.6	102.4	102.5	102.4	102.5	102.8	103.2	103.5
Pendidikan <i>Education</i>	P	3.6	101.0	103.4	103.7	104.9	107.4	109.5	112.3	113.7	114.4	115.2	115.8	116.9	118.1	119.1
Pendidikan <i>Education</i>	85	3.6	101.1	103.4	103.7	104.9	107.4	109.5	112.3	113.7	114.4	115.2	115.8	116.9	118.1	119.1
Pendidikan pra-sekolah & rendah <i>Pre-primary & primary education</i>	851	0.4	103.0	105.2	107.4	109.4	114.7	118.2	120.7	122.3	124.8	125.0	126.9	128.8	130.2	131.5
Pendidikan menengah <i>Secondary education</i>	852	0.4	101.5	102.4	102.9	106.5	112.0	116.5	123.5	127.3	130.3	135.6	137.2	139.5	142.1	144.9
Pendidikan tinggi <i>Higher education</i>	853	2.5	100.5	103.3	103.3	104.1	106.0	107.7	110.1	111.2	111.3	111.6	111.9	112.7	113.8	114.5
Pendidikan lain <i>Other education</i>	854	0.3	102.1	103.5	103.5	104.3	105.7	106.6	108.4	109.8	110.9	110.9	111.6	112.2	112.4	112.8
Kesihatan <i>Health</i>	Q	4.3	100.2	100.4	100.4	100.6	101.0	102.4	104.9	105.4	105.6	106.7	107.2	107.5	107.8	108.1
Aktiviti kesihatan kemanusiaan <i>Human health activities</i>	86	4.3	100.2	100.4	100.4	100.6	101.0	102.4	104.9	105.4	105.6	106.7	107.2	107.5	107.8	108.1
Aktiviti hospital <i>Hospital activities</i>	861	2.5	100.2	100.4	100.4	100.5	100.6	101.4	104.1	104.8	105.1	106.4	106.9	107.2	107.4	107.7
Aktiviti amalan perubatan & pergigian <i>Medical & dental practice activities</i>	862	1.6	100.2	100.4	100.4	100.8	101.6	104.3	106.2	107.3	107.5	108.4	109.0	109.5	110.0	110.3
Aktiviti kesihatan kemanusiaan lain <i>Other human health activities</i>	869	0.2	100.1	100.2	100.2	100.4	101.2	102.1	104.9	105.9	106.0	106.0	105.7	105.7	106.0	106.3
Kesenian, hiburan & rekreasi <i>Arts, entertainment & recreation</i>	R	4.9	102.7	102.9	101.2	100.8	101.7	100.9	99.3	100.5	100.6	99.2	99.1	103.4	105.8	112.9
Aktiviti perjudian & pertaruhan <i>Gambling & betting activities</i>	92	4.1	102.9	103.2	101.3	100.7	101.4	100.3	98.4	100.6	100.6	98.9	98.7	103.6	106.2	114.4
Aktiviti perjudian & pertaruhan <i>Gambling & betting activities</i>	920	4.1	102.9	103.2	101.3	100.7	101.4	100.3	98.4	100.6	100.6	98.9	98.7	103.6	106.2	114.4
Aktiviti sukan & aktiviti hiburan & rekreasi <i>Sport activities & amusement & recreation activities</i>	93	0.8	100.8	100.9	100.9	101.6	103.7	104.6	105.7	106.4	106.5	106.6	107.6	108.5	110.4	111.8
Aktiviti sukan <i>Sports activities</i>	931	0.5	100.8	101.0	101.0	102.1	104.0	104.7	105.7	105.5	105.5	105.7	106.8	107.3	108.6	109.5
Aktiviti hiburan & rekreasi lain <i>Other amusement & recreation activities</i>	932	0.4	100.7	100.7	100.7	101.0	103.3	104.5	105.7	106.5	106.8	106.8	107.5	108.9	111.6	113.5

Nota/
 Note:

n.a: Data tidak tersedia. Indeks bermula pada tahun 2018/
 Data is not available. Index starts from 2018

Jadual Table 4	Peratus Perubahan Tahunan Indeks Harga Pengeluar Perkhidmatan (IHPRP) mengikut Seksyen, Bahagian dan Kumpulan (MSIC 2008), Malaysia, 2011-2024
	Annual Percentage Change Services Producer Price Index (SPPi) by Section, Division and Group (MSIC 2008), Malaysia, 2011-2024

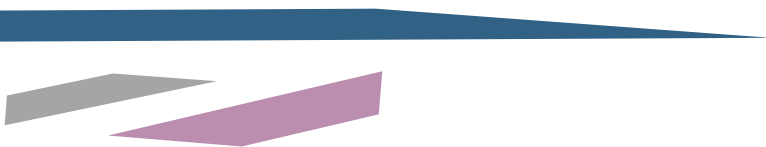
Seksyen, Bahagian dan Kumpulan Section, Division and Group	Kod Code	Wajaran Weight	2010=100														
			2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Jumlah Total		100.0	1.4	1.5	0.6	0.8	1.2	1.0	1.1	0.9	0.6	0.5	0.3	2.1	2.1	0.7	
Pengangkutan Transportation	H	22.4	0.7	1.8	0.4	-0.7	1.0	0.3	-0.4	0.4	0.3	0.9	-0.2	3.0	2.9	-1.4	
Pengangkutan darat & pengangkutan melalui saliran paip Land transport & transport via pipelines	49	5.9	1.7	2.2	0.3	1.0	1.1	0.7	0.3	0.0	0.1	0.1	1.2	0.8	0.7	0.5	
Pengangkutan darat lain Other land transport	492	5.9	1.7	2.2	0.3	1.0	1.1	0.7	0.3	0.0	0.1	0.1	1.2	0.8	0.7	0.5	
Pengangkutan air Water transport	50	4.1	0.4	0.1	-0.2	0.1	0.0	0.1	-0.4	-0.1	0.3	0.5	1.0	0.8	0.2	0.0	
Pengangkutan air laut & pesisir pantai Sea & coastal water transport	501	4.1	0.4	0.1	-0.2	0.1	0.0	0.1	-0.4	-0.1	0.3	0.5	1.0	0.8	0.2	0.0	
Pengangkutan udara Air transport	51	6.1	-0.2	2.6	0.5	-2.2	1.0	-0.1	-1.2	1.0	0.4	1.8	-2.4	8.9	8.9	-5.4	
Pengangkutan penumpang udara Passenger air transport	511	5.5	-0.2	2.6	-0.4	-2.6	0.5	-0.2	-1.4	1.0	0.5	1.5	-2.8	9.8	10.0	-6.0	
Pengangkutan muatan udara Freight air transport	512	0.7	0.0	2.3	6.6	0.3	3.8	1.0	0.0	-0.2	0.0	2.6	0.9	2.2	-0.2	-0.2	
Penggudangan & aktiviti sokongan untuk pengangkutan Warehousing & support activities for transportation	52	5.2	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	0.0	0.1	0.0	0.0	0.0	0.0	
Aktiviti sokongan untuk pengangkutan Support activities for transportation	522	5.2	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	0.0	0.1	0.0	0.0	0.0	0.0	
Perkhidmatan pos & kurier Postal & courier activities	53	1.1	1.9	1.8	0.9	1.0	1.2	1.4	2.0	0.0	2.1	3.8	1.1	3.0	1.9	1.0	
Aktiviti pos Postal activities	531	0.5	3.2	1.0	0.0	0.0	0.0	1.6	4.9	0.4	4.6	6.3	0.7	5.8	3.3	1.8	
Aktiviti kurier Courier activities	532	0.7	1.2	2.3	1.3	1.4	1.9	1.3	0.6	0.1	0.3	2.0	1.5	0.6	0.7	0.4	
Penginapan dan aktiviti perkhidmatan makanan & minuman Accommodation and food & beverage service activities	I	20.0	3.9	3.0	2.5	3.5	3.4	3.2	3.9	2.7	2.2	1.4	1.4	5.4	5.6	2.6	
Penginapan Accommodation	55	3.0	0.1	0.1	0.1	0.6	0.9	0.1	1.1	-0.2	0.3	-0.3	0.4	0.6	1.6	0.7	
Aktiviti penginapan jangka masa pendek Short-term accommodation activities	551	3.0	0.1	0.1	0.1	0.6	0.9	0.1	1.1	-0.2	0.3	-0.3	0.4	0.6	1.6	0.7	
Aktiviti perkhidmatan makanan & minuman Food & beverage service activities	56	16.9	4.8	3.6	2.9	4.2	3.9	3.8	4.4	3.0	2.6	1.7	1.5	6.2	6.2	2.9	
Restoran & aktiviti perkhidmatan bergerak Restaurants & mobile food service activities	561	14.8	4.7	3.7	3.0	4.1	3.9	3.9	4.6	3.3	2.8	1.7	1.7	6.5	6.4	2.9	
Katering & aktiviti perkhidmatan makanan lain Event catering & other food service activities	562	0.7	4.6	2.3	1.2	3.0	3.0	2.9	1.5	0.5	0.2	0.3	0.0	0.6	1.0	1.5	
Aktiviti perkhidmatan minuman Beverage serving activities	563	1.4	5.9	3.1	2.5	4.9	4.4	3.2	2.8	2.5	1.3	1.1	0.7	4.9	5.6	3.5	
Maklumat & komunikasi Information & communication	J	39.6	0.0	0.6	-0.1	0.1	-0.1	0.1	0.1	0.4	0.1	-0.1	0.0	0.0	0.0	0.0	
Telekomunikasi Telecommunications	61	34.4	0.0	0.5	0.0	-0.1	0.0	0.0	0.0	-0.4	0.1	-0.1	-0.1	0.1	0.0	-0.1	
Aktiviti telekomunikasi berwayar Wired telecommunication activities	611	7.6	0.0	0.4	-1.2	0.0	0.0	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	
Aktiviti telekomunikasi tanpa wayar Wireless telecommunication activities	612	26.8	0.0	0.6	0.5	0.0	-0.1	0.0	0.1	-0.1	0.1	-0.1	-0.1	0.1	0.0	-0.1	
Pengaturcaraan komputer, perundingan & aktiviti yang berkaitan Computer programming, consultancy & related activities	62	4.7	0.0	0.8	0.4	0.2	0.2	0.5	0.3	0.7	0.2	0.1	0.1	-0.1	-0.3	0.1	
Pengaturcaraan komputer, perundingan & aktiviti berkaitan Computer programming, consultancy & related activities	620	4.7	0.0	0.8	0.4	0.2	0.2	0.5	0.3	0.7	0.2	0.1	0.1	-0.1	-0.3	0.1	

Nota/ *Note:*
n.a: Data tidak tersedia. Indeks bermula pada tahun 2018/ *Data is not available. Index starts from 2018*

Jadual Table 4	Peratus Perubahan Tahunan Indeks Harga Pengeluar Perkhidmatan (IHPRP) mengikut Seksyen, Bahagian dan Kumpulan (MSIC 2008), Malaysia, 2011-2024 (samb.)
	Annual Percentage Change Services Producer Price Index (SPPI) by Section, Division and Group (MSIC 2008), Malaysia, 2011-2024 (cont'd)

Seksyen, Bahagian dan Kumpulan Section, Division and Group	Kod Code	Wajaran Weight	2010=100														
			2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Aktiviti perkhidmatan maklumat Information service activities	63	0.5	0.0	0.0	0.0	0.2	0.4	0.8	0.0	-0.4	0.0	0.0	0.0	0.1	0.1	0.3	
Prosesan data, hosting & aktiviti yang berkaitan; web portal Data processing, hosting & related activities; web portals	631	0.5	0.0	0.0	0.0	0.2	0.4	0.8	0.0	-0.4	0.0	0.0	0.0	0.1	0.1	0.3	
Aktiviti hartanah Real estate activities	L	0.5	3.4	4.7	4.5	2.0	2.4	1.6	1.9	0.7	0.6	1.1	0.9	0.2	0.2	0.3	
Aktiviti hartanah Real estate activities	68	0.5	3.4	4.7	4.5	2.0	2.4	1.6	1.9	0.7	0.6	1.1	0.9	0.2	0.2	0.3	
Aktiviti hartanah atas dasar bayaran atau kontrak Real estate activities on a fee or contract basis	682	0.5	3.4	4.7	4.5	2.0	2.4	1.6	1.9	0.7	0.6	1.1	0.9	0.2	0.2	0.3	
Profesional Professional	M	4.7	0.4	0.2	0.1	0.2	0.5	0.8	0.8	0.7	0.0	0.0	0.0	0.4	0.4	0.2	
Aktiviti guaman & perakaunan Legal & accounting activities	69	2.4	0.6	0.3	0.3	0.4	0.8	1.3	0.6	0.7	-0.1	0.0	0.0	0.4	0.4	0.3	
Aktiviti guaman Legal activities	691	1.4	0.0	0.0	0.1	0.1	0.8	1.7	0.6	0.9	0.0	-0.1	0.1	0.2	0.2	0.2	
Aktiviti perakaunan, simpan kira & audit; perundingan percukaian Accounting, bookkeeping & auditing activities; tax consultancy	692	1.0	1.5	1.1	0.5	1.0	0.7	0.7	0.6	0.5	0.1	0.0	0.0	0.6	0.6	0.3	
Aktiviti arkitek & kejuruteraan; ujian teknikal & analisis Architectural & engineering activities; technical testing & analysis	71	2.3	0.1	0.1	0.0	0.0	0.2	0.2	1.0	0.8	0.1	-0.1	0.1	0.3	0.4	0.3	
Aktiviti arkitek & kejuruteraan; perundingan teknikal yang berkaitan Architectural & engineering activities; Related technical consultancy	711	2.3	0.1	0.1	0.0	0.0	0.2	0.2	1.0	0.8	0.1	-0.1	0.1	0.3	0.4	0.3	
Pendidikan Education	P	3.6	1.0	2.4	0.3	1.2	2.4	2.0	2.6	1.2	0.6	0.7	0.5	0.9	1.0	0.8	
Pendidikan Education	85	3.6	1.1	2.3	0.3	1.2	2.4	2.0	2.6	1.2	0.6	0.7	0.5	0.9	1.0	0.8	
Pendidikan pra-sekolah & rendah Pre-primary & primary education	851	0.4	3.0	2.1	2.1	1.9	4.8	3.1	2.1	1.3	2.0	0.2	1.5	1.5	1.1	1.0	
Pendidikan menengah Secondary education	852	0.4	1.5	0.9	0.5	3.5	5.2	4.0	6.0	3.1	2.4	4.1	1.2	1.7	1.9	2.0	
Pendidikan tinggi Higher education	853	2.5	0.5	2.8	0.0	0.8	1.8	1.6	2.2	1.0	0.1	0.3	0.3	0.7	1.0	0.6	
Pendidikan lain Other education	854	0.3	2.1	1.4	0.0	0.8	1.3	0.9	1.7	1.3	1.0	0.0	0.6	0.5	0.2	0.4	
Kesihatan Health	Q	4.3	0.2	0.2	0.0	0.2	0.4	1.4	2.4	0.5	0.2	1.0	0.5	0.3	0.3	0.3	
Aktiviti kesihatan kemanusiaan Human health activities	86	4.3	0.2	0.2	0.0	0.2	0.4	1.4	2.4	0.5	0.2	1.0	0.5	0.3	0.3	0.3	
Aktiviti hospital Hospital activities	861	2.5	0.2	0.2	0.0	0.1	0.1	0.8	2.7	0.7	0.3	1.2	0.5	0.3	0.2	0.3	
Aktiviti amalan perubatan & pergigian Medical & dental practice activities	862	1.6	0.2	0.2	0.0	0.4	0.8	2.7	1.8	1.0	0.2	0.8	0.6	0.5	0.5	0.3	
Aktiviti kesihatan kemanusiaan lain Other human health activities	869	0.2	0.1	0.1	0.0	0.2	0.8	0.9	2.7	1.0	0.1	0.0	-0.3	0.0	0.3	0.3	
Kesenian, hiburan & rekreasi Arts, entertainment & recreation	R	4.9	2.7	0.2	-1.7	-0.4	0.9	-0.8	-1.6	1.2	0.1	-1.4	-0.1	4.3	2.3	6.7	
Aktiviti perjudian & pertaruhan Gambling & betting activities	92	4.1	2.9	0.3	-1.8	-0.6	0.7	-1.1	-1.9	2.2	0.0	-1.7	-0.2	5.0	2.5	7.7	
Aktiviti perjudian & pertaruhan Gambling & betting activities	920	4.1	2.9	0.3	-1.8	-0.6	0.7	-1.1	-1.9	2.2	0.0	-1.7	-0.2	5.0	2.5	7.7	
Aktiviti sukan & aktiviti hiburan & rekreasi Sport activities & amusement & recreation activities	93	0.8	0.8	0.1	0.0	0.7	2.1	0.9	1.1	0.7	0.1	0.1	0.9	0.8	1.8	1.3	
Aktiviti sukan Sports activities	931	0.5	0.8	0.2	0.0	1.1	1.9	0.7	1.0	-0.2	0.0	0.2	1.0	0.5	1.2	0.8	
Aktiviti hiburan & rekreasi lain Other amusement & recreation activities	932	0.4	0.7	0.0	0.0	0.3	2.3	1.2	1.1	0.8	0.3	0.0	0.7	1.3	2.5	1.7	

Nota/	Note:
	n.a: Data tidak tersedia. Indeks bermula pada tahun 2018/ Data is not available. Index starts from 2018



NOTA TEKNIKAL

IHPR

TECHNICAL NOTES
PPI



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 & 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.

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.

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. IHPR mengikut peringkat pemprosesan dibentuk setelah komoditi yang disusun semula dan dikelaskan mengikut peringkat pemprosesan iaitu Bahan mentah untuk diproseskan selanjutnya, Bahan perantaraan, bekalan & komponen dan Barang siap. Sementara itu, IHPR mengikut seksyen barangan meliputi 9 kumpulan iaitu Makanan, minuman & 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 digunakan dalam penyusunan IHPR Pengeluaran Tempatan.

Sektor yang Diliputi

Terdapat lima (5) sektor yang diliputi mengikut MSIC seperti berikut:

Sektor A: Pertanian, Perhutanan dan Perikanan	
012	Penanaman tanaman kekal
014	Pengeluaran ternakan
031	Perikanan
011	Penanaman tanaman tidak kekal
022	Pembalakan
032	Akuakultur

Sektor B: Perlombongan	
061	Pengekstrakan petroleum mentah
062	Pengekstrakan gas asli

Sektor C: Pembuatan	
10	Pembuatan produk makanan
11	Pembuatan minuman
12	Pembuatan produk tembakau
13	Pembuatan tekstil
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
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
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
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

Sektor C: Pembuatan	
30	Pembuatan kelengkapan pengangkutan lain
31	Pembuatan perabot

Sektor D: Elektrik & gas	
351	Penjanaan, penghantaran dan pengagihan tenaga elektrik
352	Pembuatan gas; pengagihan bahan api berunsur gas melalui saluran utama

Sektor E: Bekalan air	
360	Penakungan, perawatan dan bekalan air

Konsep dan Definisi

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.

Harga

Harga yang digunakan 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 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.

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, SITC dan SOP adalah seperti berikut:

Wajaran mengikut MSIC

Sektor (2005=100)	Wajaran			Sektor (2010=100)
	2005	2010	2015	
Pertanian	6.6	8.2	6.8	Pertanian, perhutanan & perikanan
Perikanan	0.8			
Perlombongan	9.8	9.7	7.9	Perlombongan
Pembuatan	80.0	78.8	81.6	Pembuatan
Bekalan elektrik, gas & air	2.8	3.1	3.4	Bekalan elektrik & gas
		0.3	0.3	Bekalan air
Jumlah	100.0	100.0	100.0	Jumlah

Wajaran mengikut SITC

Seksyen Barangan	Wajaran	
	2010	2015
Makanan	5.7	7.5
Minuman & tembakau	1.4	1.3
Bahan mentah tidak boleh dimakan	8.2	5.8
Bahan api galian, pelincir, dll.	24.6	21.1
Minyak dan lemak binatang & sayuran	10.3	9.3
Bahan kimia	8.1	8.6
Barang-barang keluaran kilang	11.2	13.6
Jentera & kelengkapan pengangkutan	25.0	25.6
Pelbagai barang keluaran kilang	5.5	7.8
Jumlah	100.0	100.0

Wajaran mengikut Peringkat Pemprosesan (SOP)

Peringkat Pemprosesan	Wajaran
	2015
Bahan mentah untuk diproseskan selanjutnya	16.4
Bahan perantaraan, bekalan dan komponen	56.1
Barang siap	27.5
Jumlah	100.0

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 signifikan output bagi industri yang dipilih.

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 jumlah output produk yang terpilih yang signifikan. Senarai pertubuhan yang terlibat dalam pengeluaran tempatan diambil daripada Banci Ekonomi 2016 dan sumber-sumber tambahan. 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 2024, bilangan pertubuhan yang diliputi adalah sebanyak 1,519.

Pemilihan Komoditi

Analisis bagi setiap item yang terpilih dengan mengenal pasti jenis produk yang mempunyai nilai jualan yang tinggi 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 item yang biasa dikeluarkan;
- (b) Jenama item yang memberikan sumbangan yang penting kepada pengeluaran syarikat;
- (c) Keterangan dan spesifikasi terperinci bagi jenama yang dinyatakan di (a) dan (b); dan
- (d) Brosur atau katalog bagi jenama item.

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

Sumber Data

Sejumlah 5,300 sebut harga dipungut setiap bulan daripada pertubuhan dan agensi kerajaan. Antara agensi kerajaan yang diliputi survei ini adalah seperti berikut:

- i. Jabatan Bekalan Air Negeri
- ii. Jabatan Perikanan Malaysia
- iii. Jabatan Perkhidmatan Veterinar
- iv. Lembaga Getah Malaysia
- v. Lembaga Koko Malaysia
- vi. Lembaga Lada Malaysia
- vii. Lembaga Minyak Sawit Malaysia (MPOB)
- viii. Lembaga Pemasaran Pertanian Persekutuan (FAMA)
- ix. Lembaga Perusahaan Kayu Malaysia (MTIB)

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.

Metodologi Pengiraan Indeks

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.

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

Dalam usaha untuk indeks dirantai bersama antara bakul, wajarlah 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,

$p_{t/10}^{ch}$	=	adalah indeks rantaian (ch) yang mengukur perubahan harga dari 2010 kepada sebarang tempoh t sehingga Disember 2017 (D17)
$p_{t/D15}^{baru}$	=	adalah indeks komposit siri baru yang membandingkan harga pada sebarang tempoh t kepada Disember 2017 (D17)
$p_{D17/10}^{lama}$	=	adalah indeks komposit siri lama yang membandingkan harga bagi Disember 2017 (D17) kepada harga 2010
$p_{D17/15}^{baru}$	=	adalah indeks komposit siri baru yang membandingkan harga bagi Disember 2017 (D17) 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).

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 & 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		Perubahan Peratus
Indeks Harga Pengeluar	125.4	Perubahan peratus indeks dibahagi dengan indeks sebelumnya, didarab dengan seratus.
Tolak Indeks sebelumnya	124.3	
Bersamaan dengan	----- 1.1 -----	
		$= \frac{125.4 - 124.3}{124.3} \times 100$ $= 0.9\%$

Frekuensi Penyusunan

IHPR disusun untuk setiap bulan kalender manakala indeks suku tahunan dan tahunan dikira daripada siri bulanan.

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.

Simbol dan Singkatan

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

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 & 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.

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.

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 & 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 items are used in the compilation of the PPI for Local Production.

Sector Covered

There are five (5) sectors covered based on MSIC as follows:

Sector A: Agriculture, forestry and fishing	
012	Growing of perennial crops
014	Animal production
031	Fishing
011	Growing of non-perennial crops
022	Logging
032	Aquaculture

Sector B: Mining	
061	Extraction of crude petroleum
062	Extraction of natural gas

Sector C: Manufacturing	
10	Manufacture of food products
11	Manufacture of beverages
12	Manufacture of tobacco products
13	Manufacture of textiles
14	Manufacture of wearing apparel
15	Manufacture of leather and related products
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials
17	Manufacture of paper and paper products
18	Printing and reproduction of recorded media
19	Manufacture of coke and refined petroleum products
20	Manufacture of chemicals and chemical products
21	Manufacture of basic pharmaceutical products and pharmaceutical preparations
22	Manufacture of rubber and plastics products
23	Manufacture of other non-metallic mineral products
24	Manufacture of basic metals
25	Manufacture of fabricated metal products, except machinery and equipment
26	Manufacture of computer, electronic and optical products
27	Manufacture of electrical equipment
28	Manufacture of machinery and equipment n.e.c.
29	Manufacture of motor vehicles, trailers and semi-trailers

Sector C: Manufacturing	
30	Manufacture of other transport equipment
31	Manufacture of furniture

Sector D: Electricity and gas	
351	Electric power generation, transmission and distribution
352	Manufacture of gas; distribution of gaseous fuels through mains

Sector E: Water supply	
360	Water collection, treatment and supply

Concept and Definitions

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) Revision 4.

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.

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, SITC and SOP are given as follows:

Weights by MSIC

Sector (2005=100)	Weights			Sector (2010=100)
	2005	2010	2015	
Agriculture	6.6	8.2	6.8	Agriculture, forestry & fishing
Fishing	0.8			
Mining	9.8	9.7	7.9	Mining
Manufacturing	80.0	78.8	81.6	Manufacturing
Electricity, gas & water supply	2.8	3.1	3.4	Electricity & gas supply
		0.3	0.3	Water supply
Total	100.00	100.00	100.00	Total

Weights by SITC

Commodity Section	Weight	
	2010	2015
Food	5.7	7.5
Beverages & tobacco	1.4	1.3
Crude materials, inedible	8.2	5.8
Mineral fuels, lubricants, etc.	24.6	21.1
Animal and vegetable oils & fats	10.3	9.3
Chemicals	8.1	8.6
Manufactured goods	11.2	13.6
Machinery & transport equipment	25.0	25.6
Miscellaneous manufactured articles	5.5	7.8
Total	100.0	100.0

Weights by Stage of Processing (SOP)

Stage of Processing	Weight
	2015
<i>Crude materials for further processing</i>	16.4
<i>Intermediate materials, supplies and components</i>	56.1
<i>Finished goods</i>	27.5
Total	100.0

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 a significantly output of the industry selected.

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 significantly collectively 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 list of these establishments has been updated every year to consider 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 2024, the number of establishments covered are 1,519.

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); and*
- (d) Brochures/catalogues of the commodity brands.*

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

Sources of Data

A total of 5,300 price quotations are collected on a monthly basis, from both establishments and government agencies. Among the government agencies covered are as follows:

- i. State Water Supply Department*
- ii. Department of Fisheries*
- iii. Department of Veterinary Services*
- iv. Malaysian Rubber Board*
- v. Malaysian Cocoa Board*
- vi. Malaysian Pepper Board*
- vii. Malaysian Palm Oil Board (MPOB)*
- viii. Federal Agriculture Marketing Authority (FAMA)*
- ix. Malaysian Timber Industry Board (MTIB)*

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.

Methodology of Index Calculation

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. 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.

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 PPI Local Production basket is using the old basket (2010=100) and the product is updated with weight to become a new basket (2015=100).

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

Where

$$p_{t/10}^{ch} = \text{is a chain index (ch) that measures price changes from 2010 to any period until December 2017 (D17)}$$

$$p_{t/D15}^{new} = \text{is a new series composite index comparing prices at any period t to December 2017 (D17)}$$

$$p_{D17/10}^{previous} = \text{Is a previous series composite index comparing prices for December 2017 (D17) to 2010 prices}$$

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

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.

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).

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

Producer Price Index	125.4
Less Previous Index	124.3

Equal to	1.1

Percentage Change

Index point difference divided by the previous index, multiplied by one hundred

$$= \frac{125.4 - 124.3}{124.3} \times 100$$

$$= 0.9\%$$

Frequency of Compilation

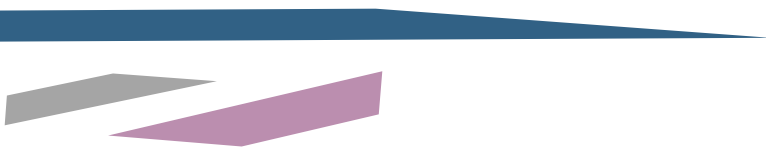
The PPI is compiled for each calendar month while the quarterly and annual indices are computed from the monthly series.

Confidentiality Requirement

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.

Symbols and Abbreviations

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



NOTA TEKNIKAL

IHPRP

TECHNICAL NOTES
SPPI



Pengenalan

Indeks Harga Pengeluar Perkhidmatan (IHPRP) dibentuk untuk mengukur purata perubahan harga perkhidmatan yang dikenakan oleh industri perkhidmatan tempatan di Malaysia. Selain itu, IHPRP juga berperanan sebagai *deflator* dalam penyusunan Indeks Volum Perkhidmatan (IoS) dan Keluaran Dalam Negeri Kasar (KDNK).

Konsep dan metodologi yang digunakan dalam penyusunan IHPRP adalah berpandukan kepada *Methodological Guide for Developing Producer Price Indices for Services* yang diterbitkan oleh *Organisation for Economic Co-operation & Development (OECD)*, *Eurostat* dan gabungan Pasukan Petugas *OECD-Eurostat*.

Maklumat daripada Survei Harga Pengeluar Perkhidmatan yang dilaksanakan secara suku tahun digunakan dalam penyusunan IHPRP. Survei ini bermula pada tahun 2008 bagi subsektor Pengangkutan dan seterusnya subsektor Maklumat & komunikasi (2011), subsektor Aktiviti hartanah dan profesional (2012) dan subsektor Pendidikan, Kesihatan, Penginapan dan Aktiviti perkhidmatan makanan & minuman dan Kesenian, hiburan & rekreasi (2013).

Sampel bagi Survei ini terdiri daripada pertubuhan yang terpilih bagi industri yang sama dalam Survei Perkhidmatan Suku Tahunan yang dijalankan oleh Jabatan Perangkaan Malaysia (DOSM). Survei Harga Pengeluar Perkhidmatan ini meliputi sebanyak 3,891 pertubuhan.

Skop Dan Liputan

Pemilihan Industri

Pemilihan industri adalah berdasarkan kepada sumbangan output industri yang diperoleh daripada Banci Ekonomi 2016 (tahun rujukan 2015). Industri terpilih menyumbang 75.3 peratus kepada keseluruhan sektor Perkhidmatan.

Subsektor yang diliputi

Terdapat lapan (8) subsektor yang diliputi dan pecahan mengikut industri adalah seperti berikut:

Pengangkutan	
49230	Pengangkutan muatan melalui jalan raya
50121	Pengangkutan muatan laut dan pesisir pantai, berjadual atau tidak berjadual
51101	Pengangkutan penumpang melalui udara mengikut laluan & jadual biasa
51201	Pengangkutan muatan udara mengikut laluan & berjadual biasa
52214	Perkhidmatan operasi lebuh raya, jambatan & terowong
52291	Penghantaran muatan
53100	Perkhidmatan pos nasional
53200	Aktiviti kurier selain daripada pos nasional

Penginapan dan Aktiviti Perkhidmatan Makanan & Minuman	
55101	Hotel & hotel resort
56101	Restoran & restoran yang juga kelab malam
56102	Kafeteria / kantin
56103	Restoran makanan segera
56106	Gerai / penjaja makanan
56210	Katering makanan
56301	Pub, bar, disko, <i>Coffee-house</i> , ruang koktel & karaoke
56302	Kedai kopi

Maklumat & Komunikasi	
61101	Perkhidmatan telekomunikasi berwayar
61102	Pembekal akses Internet oleh operator infrastruktur berwayar
61201	Perkhidmatan aktiviti telekomunikasi tanpa wayar
61202	Pembekal akses Internet oleh operator infrastruktur tanpa wayar
62010	Aktiviti pengaturcaraan komputer
62021	Perundingan komputer
63112	Aktiviti proses data
63120	Web portal

Aktiviti Hartanah	
68201	Aktiviti agen & broker hartanah untuk pembelian, penjualan dan penyewaan hartanah
68202	Pengurusan hartanah atas dasar bayaran atau kontrak

Profesional	
69100	Aktiviti guaman
69200	Aktiviti perakaunan, simpan kira & audit; perundingan percukaian
71102	Perkhidmatan kejuruteraan

Pendidikan	
85102	Pendidikan pra-sekolah (swasta)
85104	Pendidikan rendah (swasta)
85212	Pendidikan menengah am (swasta)
85302	Pendidikan kolej & universiti (swasta)
85421	Sekolah muzik & tarian
85491	Pusat tuisyen

Kesihatan	
86101	Aktiviti hospital
86201	Perkhidmatan perubatan am
86202	Perkhidmatan perubatan khas
86203	Perkhidmatan berkaitan gigi
86901	Pusat dialisis
86902	Makmal perubatan

Kesenian, Hiburan & Rekreasi	
92000	Aktiviti perjudian & pertaruhan
93113	Kelab ekuestrian
93116	Padang golf
93117	Pusat boling
93118	Pusat kecergasan
93210	Aktiviti taman hiburan & taman tema
93297	Kafe siber / pusat internet

Pungutan Harga IHPRP

Pungutan harga pengeluar perkhidmatan merujuk kepada harga transaksi sebenar dan bukannya harga senarai. Harga adalah termasuk diskaun, surcaj dan rebat yang dikenakan kepada pelanggan namun tidak termasuk semua jenis cukai yang dikenakan ke atas jenis perkhidmatan.

Definisi

Definisi yang diguna pakai dalam penyusunan IHPRP adalah berdasarkan kepada Piawaian Klasifikasi Industri Malaysia (MSIC) 2008 Ver.1.0.

Pengiraan Indeks

Harga Asas

Harga asas ialah harga purata jenis perkhidmatan tertentu bagi tempoh empat suku tahun dalam tahun 2010.

Formula Indeks

IHPRP disusun dengan menggunakan formula *Laspeyres base-weighted price*:

$$\frac{\sum_{i=1}^n p_i^t q_i^s}{\sum_{i=1}^n p_i^s q_i^s} = \sum_{i=1}^n \frac{p_i^s q_i^s}{\sum_{i=1}^n p_i^s q_i^s} \times \frac{p_i^t}{p_i^s} = \sum_{i=1}^n w_i^s \times \frac{p_i^t}{p_i^s}$$

di mana:

$$w_i^s = \frac{p_i^s q_i^s}{\sum_{i=1}^n p_i^s q_i^s} = \text{Wajaran nilai relatif}$$

p_i^t = Harga tempoh semasa

p_i^s = Harga tempoh asas

q_i^s = Kuantiti tempoh asas

n = Bilangan item

Formula yang dipilih mempunyai satu kelebihan dapat menentukan harga tertentu atau kumpulan harga di mana ia bertanggungjawab terhadap sesuatu perubahan dalam indeks agregat.

Wajaran

Wajaran item diberikan mengikut perkadaran sumbangan item kepada jumlah nilai output dalam ekonomi. Wajaran pengeluaran perkhidmatan mengikut MSIC seperti berikut:

Wajaran IHPRP mengikut Subsektor

Sektor	Wajaran	
	2010	2015
Pengangkutan	24.2	22.4
Penginapan dan aktiviti perkhidmatan makanan & minuman	22.9	20.0
Maklumat & komunikasi	29.3	39.6
Aktiviti hartanah	0.5	0.5
Profesional	5.6	4.7
Pendidikan	4.5	3.6
Kesihatan	5.3	4.3
Kesenian, hiburan & rekreasi	7.7	4.9
Jumlah	100.0	100.0

Pengemaskinian Bakul

Wajaran bagi mengemaskini bakul IHPRP (2010=100) diperoleh daripada Banci Ekonomi (BE) 2016 (tahun rujukan 2015). Penyediaan IHPRP bagi tahun asas seperti di atas adalah menggunakan kaedah "*Fixed Basket*". Penyusunan IHPRP adalah menggunakan kaedah "*Chain Index*" dengan mengemaskini bakul sahaja tanpa menukar tahun asas.

Kaedah indeks rantaian *Laspeyres* digunakan dalam pengiraan IHPRP dengan menggunakan suku tahun sebelum sebagai suku tahun pautan. Pengemaskinian bakul IHPRP (2010=100) telah menggunakan penemuan Banci Ekonomi (BE) 2016.

Pengasasan semula indeks amat berbeza dengan pengemaskinian bakul. Asas semula indeks hanya menukarkan tempoh asasnya sahaja dan merupakan operasi mekanikal semata-mata, dalam bentuk siri yang lebih mudah untuk pembentangan dan perbandingan atau anggaran. Sementara itu, pengemaskinian bakul IHPRP pula adalah menggunakan bakul lama (2010=100) dan produk dalam bakul beserta wajarannya dikemaskini untuk menjadi bakul baru (2015=100).

Produk dipilih berdasarkan sumbangan relatif produk berkaitan kepada nilai jualan industri dan hanya produk yang mempunyai wajaran *significant* sahaja dipilih untuk dimasukkan dalam bakul IHPRP pengeluaran perkhidmatan.

Pengemaskinian Bakul IHPRP (2010=100) dan *linking* menggunakan formula berikut:

$$p_{t/10}^{ch} = p_{t/15}^{baru} \times \left(\frac{p_{Q4\ 17/10}^{lama}}{p_{Q4\ 17/15}^{baru}} \right)$$

di mana:

$p_{t/10}^{ch}$	=	adalah 'chain index' yang mengukur perubahan harga dari 2010 kepada sebarang tempoh t
$p_{t/15}^{baru}$	=	adalah indeks komposit siri baru yang membandingkan harga pada sebarang tempoh t kepada suku tahun keempat 2017
$p_{Q4\ 17/10}^{lama}$	=	adalah indeks komposit siri lama yang membandingkan harga bagi suku tahun ketiga 2017 kepada harga 2010
$p_{Q4\ 17/15}^{baru}$	=	adalah indeks komposit siri baru yang membandingkan harga bagi suku tahun ketiga 2017 kepada harga 2015

Harga Relatif

Harga relatif bagi setiap jenis perkhidmatan merupakan peringkat asas bagi pengiraan indeks di peringkat yang lebih tinggi. Harga relatif dikira sebagai nisbah peratus harga semasa berbanding harga pada tahun asas dan ia diperolehi dengan membahagikan harga semasa dengan harga tahun asas bagi jenis perkhidmatan yang sama dan didarabkan dengan 100. Purata geometrik bagi harga relatif ini diperolehi untuk membentuk indeks pada peringkat kumpulan perkhidmatan.

Indeks Agregat

IHPRP keseluruhan disusun secara berperingkat dari peringkat Industri (5 digit) kepada Kelas (4 digit), Kumpulan (3 digit), Bahagian (2 digit) dan Seksyen (1 digit).

Perubahan Peratus Indeks

Perubahan peratus indeks dikira berdasarkan formula berikut:

$$y_t = \frac{I_t - I_{t-1}}{I_{t-1}} \times 100$$

di mana:

- y_t = merujuk kepada perubahan peratus indeks
- I_t = adalah indeks pada masa t (tempoh semasa)
- I_{t-1} = adalah indeks pada masa $t-1$ (tempoh sebelum)

Contoh:

Perubahan Mata Indeks		Perubahan Peratus
Indeks semasa, I_t	116.5	Indeks semasa tolak indeks sebelum dibahagi dengan indeks sebelumnya, didarab dengan seratus $= \frac{116.5 - 116.1}{116.1} \times 100$ $= 0.3\%$
Indeks sebelum, I_{t-1}	116.1	
Bersamaan dengan	<u>0.4</u>	

Kawalan Kualiti

Proses validasi dan prosedur kawalan kualiti pada data harga yang diterima dijalankan bagi menentukan data harga yang diterima adalah munasabah, konsisten dan tepat. Prosedur semakan harga termasuk membuat perbandingan harga semasa dengan harga sebelumnya bagi responden yang sama, di samping harga yang dilaporkan oleh responden lain bagi jenis perkhidmatan yang sama. Harga yang menunjukkan perbezaan yang luar biasa akan dirujuk kepada responden untuk penjelasan dan menentukan ketepatan.

Keperluan Kerahsiaan

Data yang digunakan untuk menyusun Indeks Harga Pengeluar Perkhidmatan dipungut di bawah peruntukan Akta Perangkaan 1965 (Disemak-1989). Akta tersebut menetapkan bahawa kandungan penyata individu adalah sulit. Oleh yang demikian, angka yang telah diagregat sahaja diterbitkan.

Pindaan

Pindaan boleh dibuat kepada angka yang telah diterbitkan berdasarkan kepada data terkini yang diperoleh.

Simbol

d.t.t : Data tidak tersedia

0.0 : Tiada perubahan

ST : Suku Tahun

QoQ : Suku Tahun ke Suku Tahun

YoY : Tahun ke Tahun

Introduction

The Services Producer Price Index (SPPI) is compiled to measure the average change in the prices of services charged by the local services industry in Malaysia. Besides, the SPPI also serves as a deflator in the compilation of the Volume Index of Services (IoS) and Gross Domestic Product (GDP).

The concept and methodology used in the SPPI compilation are based on the Methodological Guide for Developing Producer Price Indices for Services published by the Organisation for Economic Co-operation & Development (OECD), Eurostat and a joint Eurostat-OECD Task Force.

The Quarterly Services Producer Price Survey provides the data used to compile the SPPI. This survey started in 2008, covering the Transportation subsector and was followed by Information & communication subsector (2011), Real estate activities and professional subsectors (2012) and Education, Health, Accommodation and food & beverage services activities and Arts, entertainment & recreation subsectors (2013).

The sample for this survey comprises selected establishments for the same industry in the Quarterly Services Survey conducted by the Department of Statistics, Malaysia (DOSM). The Services Producer Price Survey covered 3,891 businesses in total.

Scope And Coverage

Selection of Industries

The selection of industries is based on the contribution of output by industries from the Economic Census 2016 (reference year 2015). The selected industries contribute 75.3 per cent to the overall Services sector.

Subsector Covered

There are eight (8) sub-sectors covered and the breakdowns by industries are as follows:

Transportation	
49230	<i>Freight transport by road</i>
50121	<i>Transport of freight overseas & coastal waters, whether scheduled or not</i>
51101	<i>Transport of passenger by air over regular routes & on regular schedules</i>
51201	<i>Transport freight by air over regular routes & regular scheduled</i>
52214	<i>Highway, bridge & tunnel operation services</i>
52291	<i>Forwarding of freight</i>
53100	<i>National postal activities</i>
53200	<i>Courier activities other than national post activities</i>

Accommodation and Food & Beverage Service Activities	
55101	<i>Hotel & hotel resorts</i>
56101	<i>Restaurants & restaurants cum night clubs</i>
56102	<i>Cafeterias / canteen</i>
56103	<i>Fast-food restaurants</i>
56106	<i>Food stalls / hawkers</i>
56210	<i>Event / food caterers</i>
56301	<i>Pub, bars, discotheques, coffee-houses, cocktail lounges & karaoke</i>
56302	<i>Coffee shops</i>

Information & Communication	
61101	<i>Wired telecommunication services</i>
61102	<i>Internet access providers by the operator of the wired infrastructure</i>
61201	<i>Wireless telecommunication activities services</i>
61202	<i>Internet access providers by the operator of the wireless infrastructure</i>
62010	<i>Computer programming activities</i>
62021	<i>Computer consultancy</i>
63112	<i>Data processing activities</i>
63120	<i>Web portals</i>

Real Estate Activities	
68201	<i>Activities of real estate agents & brokers for buying, selling & renting of real estate</i>
68202	<i>Management of real estate on a fee or contract basis</i>

Professional	
69100	<i>Legal activities</i>
69200	<i>Accounting, bookkeeping & auditing activities; tax consultancy</i>
71102	<i>Engineering services</i>

Education	
85102	<i>Pre-primary education (Private)</i>
85104	<i>Primary education (Private)</i>
85212	<i>General school secondary education (Private)</i>
85302	<i>College and university education (Private)</i>
85421	<i>Music & dancing school</i>
85491	<i>Tuition centre</i>

Health	
86101	<i>Hospital activities</i>
86201	<i>General medical services</i>
86202	<i>Specialized medical services</i>
86203	<i>Dental services</i>
86901	<i>Dialysis centre</i>
86902	<i>Medical laboratories</i>

Arts, Entertainment & Recreation	
92000	<i>Gambling & betting activities</i>
93113	<i>Equestrian clubs</i>
93116	<i>Golf courses</i>
93117	<i>Bowling centres</i>
93118	<i>Fitness centres</i>
93210	<i>Activities of amusement parks & theme parks</i>
93297	<i>Cyber café / internet centre</i>

SPPI Price Collection

The price collection of services producer refers to the actual transaction prices, not the list prices. The prices are inclusive of discounts, surcharges and rebates charged to customers but does not include all types of tax imposed on the type of services.

Definition

The definition adopted in the SPPI compilation is based on recommendations of Malaysia Standard Industrial Classification (MSIC) 2008 Ver. 1.0.

Index Calculation

Base Price

Base price is an average of prices for the particular services for a period of four quarters in 2010.

Index Formula

The Laspeyres base-weighted price formula is used to compile the SPPI:

$$\frac{\sum_{i=1}^n p_i^t q_i^s}{\sum_{i=1}^n p_i^s q_i^s} = \sum_{i=1}^n \frac{p_i^s q_i^s}{\sum_{i=1}^n p_i^s q_i^s} \times \frac{p_i^t}{p_i^s} = \sum_{i=1}^n w_i^s \times \frac{p_i^t}{p_i^s}$$

where:

$$w_i^s = \frac{p_i^s q_i^s}{\sum_{i=1}^n p_i^s q_i^s} = \text{Relative value weights}$$

$$p_i^t = \text{Current period prices}$$

$$p_i^s = \text{Base period prices}$$

$$q_i^s = \text{Base period quantities}$$

$$n = \text{Number of items}$$

The formula selected has an advantage of determining a specific price or group of prices, which is responsible for any changes in the aggregate index.

Weights

The item weights are based on the proportion of their contributions to the total value of output in the economy. The weights by MSIC and commodity sections are as follows:

Weights of SPPI by Subsector

Subsector	Weights	
	2010	2015
Transportation	24.2	22.4
Accommodation and food & beverage service activities	22.9	20.0
Information & communication	29.3	39.6
Real estate activities	0.5	0.5
Professional	5.6	4.7
Education	4.5	3.6
Health	5.3	4.3
Arts, entertainment & recreation	7.7	4.9
Total	100.0	100.0

Updating Basket

The weights for updating SPPI (2010=100) obtained from the Economic Census 2016 (reference year 2015). The SPPI (2010=100) was prepared using the Fixed Basket method. The compilation of the indices use the Chain Index method, which updates its basket without changing the base year.

Laspeyres chain index method used in the calculation of the SPPI which applied previous quarter as the linkaged quater. The updating of SPPI basket (2010=100) used the findings of the Economic Cencus 2016.

Rebasing is different from the process of updating basket. It only changes its base period and it is purely a mechanical operation in forming a more convenient series for presentations and comparisons or estimates. Whereas, SPPI basket updates are using the old basket (2010=100) and updating products and its weight to become a new basket (2015=100).

Products are selected based on relative product and contribution to the industry's sales value and only products with significant weights are selected for inclusion in the SPPI basket.

Updated SPPI Basket (2010=100) and linking using the following formula:

$$p_{t/10}^{ch} = p_{t/15}^{new} \times \left(\frac{p_{Q4\ 17/10}^{previous}}{p_{Q4\ 17/15}^{new}} \right)$$

where:

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

$p_{t/15}^{new}$ = is a new series of composite index comparing prices at any period t to fourth quarter 2017

$p_{Q4\ 17/10}^{previous}$ = is the previous series of composite index comparing prices of fourth quarter 2017 to 2010 prices

$p_{Q4\ 17/15}^{new}$ = is a new series of composite index comparing prices of fourth quarter 2017 to 2015 prices

Price Relative

The price relative for each type of service provides the basic level for the calculation of higher level indices. It is calculated as percentage ratios of the current prices to those prevailing in the base period and it is obtained by dividing the current prices by the corresponding base year prices and multiply them by 100. The geometric mean of these price relatives is obtained to form indices at group level.

Aggregated Index

The overall SPPI is built up progressively from Industry level (5 digit) to Class (4 digit), Group (3 digit), Division (2 digit) and Section (1 digit).

Percentage Change of Index

The percentage change of the index is calculated based on the following formula:

$$y_t = \frac{I_t - I_{t-1}}{I_{t-1}} \times 100$$

where:

y_t = refers to index percentage change

I_t = is the index at time t (current period)

I_{t-1} = is the index at time $t-1$ (previous period)

Example:

Index Point Change		Percentage Change
Current index, I_t	116.5	Current index minus previous index, divided by previous index, multiplied by one hundred $= \frac{116.5 - 116.1}{116.1} \times 100$ $= 0.3\%$
Previous index, I_{t-1}	116.1	
Equal to	<u>0.4</u>	

Quality Control

Validation process and quality-control procedure on the prices received are carried out to evaluate whether the prices are reasonable, consistent and accurate. The checking procedures include comparing current prices against the previous prices for the same respondents as well as with prices reported by other respondents for the same type of services. Prices that display unusual variations are clarified with respondents to ensure the accuracy.

Confidentiality Requirements

The data used for the compilation of Services Producer Price Index 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.

Revisions

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

Symbols

n.a : Not available

0.0 : No change

Q : Quarter

QoQ : Quarter-on-Quarter

YoY : Year-on-Year