



JABATAN PERDANA MENTERI
JABATAN PERANGKAAN MALAYSIA

Indeks Harga Pengeluar Perkhidmatan Services Producer Price Index

2021

Suku Tahun Keempat
Fourth Quarter

Pemakluman / Announcement:

Jabatan Perangkaan Malaysia sedang menjalankan Survei Pendapatan, Perbelanjaan Isi Rumah dan Kemudahan Asas (HIES/BA) 2022 bermula dari 1 Januari 2022 sehingga 31 Disember 2022.

Department of Statistics Malaysia is conducting Household Income, Expenditure and Basic Amenities Survey (HIES/BA) 2022 from 1st January 2022 until 31st December 2022.

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Dikeluarkan pada : 07 Februari 2022
Released on

JABATAN PERANGKAAN MALAYSIA
DEPARTMENT OF STATISTICS, MALAYSIA

Diterbitkan dan dicetak oleh / *Published and printed by:*

Jabatan Perangkaan Malaysia

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ISSN 2289-7186

Penerbitan Indeks Harga Pengeluar Perkhidmatan (IHPRP) membentangkan petunjuk jangka pendek bagi mengukur purata perubahan harga secara suku tahunan yang dikenakan oleh industri perkhidmatan tempatan di Malaysia. Statistik yang dimuatkan dalam laporan ini diperoleh melalui Survei Harga Pengeluar Perkhidmatan Suku Tahunan.

Penerbitan IHPRP ini meliputi lapan (8) subsektor perkhidmatan yang terpilih iaitu Pengangkutan, Penginapan dan Aktiviti Perkhidmatan Makanan & Minuman, Maklumat & Komunikasi, Aktiviti Hartanah, Profesional, Pendidikan, Kesihatan dan Kesenian, Hiburan & Rekreasi. Penyusunan IHPRP adalah berdasarkan *Methodological Guide for Developing Producer Price Indices for Services*, yang diterbitkan bersama oleh *Organisation for Economic Co-operation & Development* dan *Eurostat (OECD, Eurostat)*, manakala pengelasan industri perkhidmatan adalah berdasarkan Piawaian Klasifikasi Industri Malaysia (MSIC) 2008 Ver. 1.0.

Bahagian pertama penerbitan ini memberi tumpuan kepada ringkasan penemuan IHPRP bagi Suku Tahun Keempat 2021. Sementara itu, siri masa indeks bagi tempoh 2015 hingga 2021 turut dimuatkan dalam jadual terperinci bagi memudahkan analisis oleh pengguna. Nota teknikal berkenaan konsep, metodologi dan sumber data yang digunakan dalam penyusunan indeks ini turut disediakan di bahagian akhir laporan ini.

Jabatan merakamkan setinggi-tinggi penghargaan di atas kerjasama semua pihak yang terlibat dalam menjayakan penerbitan ini. Sebarang cadangan dan pandangan ke arah penambahbaikan laporan ini pada masa hadapan amatlah dihargai.

DATO' SRI DR. MOHD UZIR MAHIDIN

Ketua Perangkawan Malaysia

Februari 2022

The publication of the Services Producer Price Index (SPPI) presents short-term indicator that measures the quarterly average change in the prices charged by the local services industry in Malaysia. The statistics included in this report are obtained through the Quarterly Services Producer Price Survey.

This SPPI report comprises of eight (8) selected services sub-sectors, namely Transportation, Accommodation and Food & Beverage Service Activities, Information & Communication, Real Estate Activities, Professional, Education, Health and Arts, Entertainment & Recreation. The SPPI is compiled based on Methodological Guide for Developing Producer Price Indices for Services, jointly published by the Organisation for Economic Co-operation & Development and Eurostat (OECD, Eurostat), meanwhile the classification of the services industries is based on Malaysia Standard Industrial Classification (MSIC) 2008 Ver. 1.0.

The first part of this publication focused on the summary of findings of the SPPI for the Fourth Quarter of 2021. In addition, a time series data of index for the period of 2015 to 2021 are also included in the detailed tables to facilitate analysis by users. The technical notes on concepts, methodology and data sources used in the compilation of this index are also provided at the end of this report.

The Department gratefully acknowledges the co-operation of all parties involved in making this publication a success. All comments and suggestions towards improving future reports are greatly appreciated.

DATO' SRI DR. MOHD UZIR MAHIDIN

Chief Statistician, Malaysia

February 2022

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The image features an abstract geometric design. On the left side, there is a vertical arrangement of overlapping triangles in various shades of teal and dark blue. A horizontal band of medium teal color spans the width of the page, containing the title text. Below this band, the design continues with more overlapping triangles, including one with a light-to-dark gradient. The background is white.

RINGKASAN PENEMUAN *SUMMARY OF FINDINGS*



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KELUARGA
MALAYSIA



INDEKS HARGA PENGELUAR PERKHIDMATAN (IHPRP)

**ST4
2021**

110.7

YoY = 0.5%

QoQ = 0.2%



Pengangkutan

105.3

YoY = 0.7%

QoQ = 0.8%



Profesional

103.8

YoY = 0.1%

QoQ = 0.1%



Pendidikan

115.9

YoY = 0.5%

QoQ = 0.1%



**Penginapan dan
Aktiviti Perkhidmatan
Makanan & Minuman**

136.8

YoY = 1.5%

QoQ = 0.7%

↑0.5%

ST4 21 / ST4 20

**IHPRP meningkat 0.5 peratus pada suku tahun
keempat 2021 berbanding suku tahun yang sama
pada tahun 2020**



Kesihatan

107.3

YoY = 0.2%

QoQ = 0.1%



Aktiviti Hartanah

126.9

YoY = 0.6%

QoQ = 0.2%



**Kesenian, Hiburan
& Rekreasi**

97.7

YoY = -0.2%

QoQ = -2.2%



**Maklumat
& Komunikasi**

101.1

YoY = 0.0%

QoQ = 0.0%

**Nota: YoY = Tahun ke Tahun
QoQ = Suku Tahun ke Suku Tahun**

**Sumber: Indeks Harga Pengeluar Perkhidmatan (2010=100)
Suku Tahun Keempat 2021, Jabatan Perangkaan Malaysia**



PRIME MINISTER'S DEPARTMENT
OF STATISTICS MALAYSIA



SERVICES PRODUCER PRICE INDEX (SPPI)

**Q4
2021**

110.7

YoY = 0.5%

QoQ = 0.2%



Transportation

105.3

YoY = 0.7%

QoQ = 0.8%



Professional

103.8

YoY = 0.1%

QoQ = 0.1%



Education

115.9

YoY = 0.5%

QoQ = 0.1%



**Accommodation and
Food & Beverage
Service Activities**

136.8

YoY = 1.5%

QoQ = 0.7%

↑0.5%

Q4 21 / Q4 20

SPPI increased 0.5 per cent in the fourth quarter of 2021 as compared to the same quarter of year 2020



Health

107.3

YoY = 0.2%

QoQ = 0.1%



Real Estate Activities

126.9

YoY = 0.6%

QoQ = 0.2%



**Arts, Entertainment
& Recreation**

97.7

YoY = -0.2%

QoQ = -2.2%



**Information
& Communication**

101.1

YoY = 0.0%

QoQ = 0.0%

Note: YoY = Year on Year
QoQ = Quarter on Quarter

Source: Services Producer Price Index (2010=100)
Fourth Quarter 2021, Department of Statistics Malaysia

**INDEKS HARGA PENGELUAR PERKHIDMATAN
(2010=100)**

SUKU TAHUN KEEMPAT 2021

Indeks Harga Pengeluar Perkhidmatan (IHPRP) bagi suku tahun keempat 2021 meningkat 0.5 peratus kepada 110.7 berbanding 110.1 pada suku yang sama tahun sebelumnya. Subsektor utama yang menunjukkan peningkatan ialah Penginapan dan Aktiviti Perkhidmatan Makanan & Minuman (1.5%), Pengangkutan (0.7%), Aktiviti Hartanah (0.6%), Pendidikan (0.5%), Kesihatan (0.2%) dan Profesional (0.1%). Bagaimanapun, indeks untuk subsektor Kesenian, Hiburan & Rekreasi menunjukkan penurunan 0.2 peratus. Indeks Maklumat & Komunikasi kekal tidak berubah.

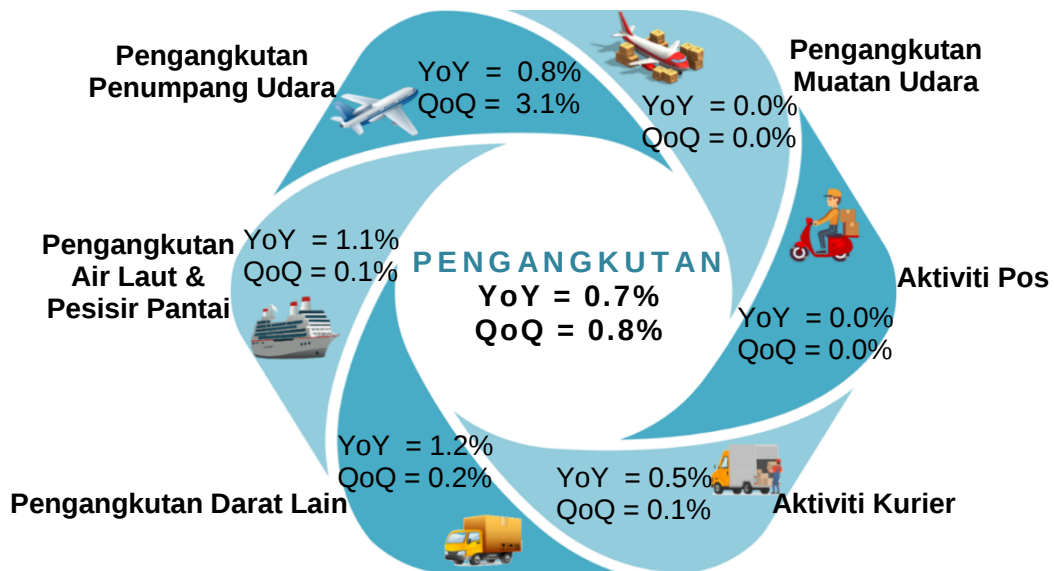
Bagi perbandingan suku tahun ke suku tahun, IHPRP meningkat kepada 0.2 peratus. Peningkatan ini disumbangkan oleh subsektor Pengangkutan (0.8%), Penginapan dan Aktiviti Perkhidmatan Makanan & Minuman (0.7%), Aktiviti Hartanah (0.2%). Sementara itu, Profesional, Pendidikan dan Kesihatan masing-masing mencatatkan 0.1 peratus. Indeks bagi Kesenian, Hiburan & Rekreasi menurun sebanyak 2.2 peratus manakala subsektor Maklumat & Komunikasi kekal tidak berubah.

Secara keseluruhan pada tahun 2021, IHPRP meningkat sebanyak 0.3 peratus berbanding 0.5 peratus yang direkodkan pada 2020.

Jadual 1: Indeks Harga Pengeluar Perkhidmatan (2010=100), Suku Tahun Keempat 2021

Subsektor	Indeks			Peratus Perubahan %	
	ST4 2020	ST3 2021	ST4 2021	ST4 2021/ ST3 2021	ST4 2021/ ST4 2020
JUMLAH	110.1	110.5	110.7	0.2	0.5
Pengangkutan	104.6	104.5	105.3	0.8	0.7
Penginapan dan Aktiviti Perkhidmatan Makanan & Minuman	134.8	135.9	136.8	0.7	1.5
Maklumat & Komunikasi	101.1	101.1	101.1	0.0	0.0
Aktiviti Hartanah	126.1	126.6	126.9	0.2	0.6
Profesional	103.7	103.7	103.8	0.1	0.1
Pendidikan	115.3	115.8	115.9	0.1	0.5
Kesihatan	107.1	107.2	107.3	0.1	0.2
Kesenian, Hiburan & Rekreasi	97.9	99.9	97.7	-2.2	-0.2

Paparan 1: Perubahan peratus IHPRP Pengangkutan, Suku Tahun Keempat 2021



PENGANGKUTAN

IHPRP subsektor Pengangkutan meningkat sebanyak 0.7 peratus pada suku tahun keempat 2021 berbanding suku tahun yang sama tahun sebelumnya. Peningkatan ini disumbangkan oleh indeks Pengangkutan Darat Lain (1.2%), Pengangkutan Air Laut & Pesisir Pantai (1.1%), Pengangkutan Penumpang Udara (0.8%) dan Aktiviti Kurier (0.5%) manakala Pengangkutan Muatan Udara dan Aktiviti Pos kekal tidak berubah.

Bagi perbandingan suku tahunan, subsektor pengangkutan meningkat sebanyak 0.8 peratus pada suku keempat 2021. Peningkatan ini didorong oleh indeks Pengangkutan Penumpang Udara (3.1%), Pengangkutan Darat Lain (0.2%), Pengangkutan Air Laut & Pesisir Pantai (0.1%) dan Aktiviti Kurier (0.1%). Walau bagaimanapun, indeks Pengangkutan Muatan Udara dan Aktiviti Pos kekal tidak berubah.

KESENIAN, HIBURAN & REKREASI

Pada suku tahun keempat 2021, IHPRP bagi subsektor Kesenian, Hiburan & Rekreasi menurun sebanyak 0.2 peratus berbanding suku tahun keempat 2020. Penurunan ini didorong oleh indeks Aktiviti Perjudian & Pertaruhan (-0.4%). Namun begitu, Aktiviti Hiburan & Rekreasi Lain dan Aktiviti Sukan masing-masing merekodkan kenaikan sebanyak 1.3 peratus dan 0.9 peratus.

Perbandingan suku tahunan, IHPRP bagi subsektor Kesenian, Hiburan & Rekreasi menurun 2.2 peratus, didorong oleh Aktiviti Perjudian & Pertaruhan (-2.6%) manakala indeks Aktiviti Sukan meningkat sedikit sebanyak 0.1 peratus. Indeks Aktiviti Hiburan & Rekreasi Lain kekal tidak berubah.

Paparan 2: Perubahan peratus IHPRP Penginapan dan Aktiviti Perkhidmatan Makanan & Minuman, Suku Tahun Keempat 2021



PENGINAPAN DAN AKTIVITI PERKHIDMATAN MAKANAN & MINUMAN

Bagi perbandingan tahunan pada suku tahun keempat 2021 menunjukkan IHPRP bagi Penginapan dan Aktiviti Perkhidmatan Makanan & Minuman meningkat 1.5 peratus. Peningkatan ini disumbangkan oleh indeks Restoran & Aktiviti Perkhidmatan Makanan Bergerak (1.8%), Aktiviti Perkhidmatan Minuman (0.8%), Aktiviti Penginapan Jangka Masa Pendek (0.5%) dan Katering & Aktiviti Perkhidmatan Makanan Lain (0.1%).

Pada masa yang sama, bagi perbandingan suku tahunan juga mencatatkan kenaikan sebanyak 0.7 peratus. Kenaikan ini disumbangkan oleh indeks Restoran & Aktiviti Perkhidmatan Makanan Bergerak (0.8%) dan Aktiviti Perkhidmatan Minuman (0.4%). Sementara itu, indeks Aktiviti Penginapan Jangka Masa Pendek dan Katering & Aktiviti Perkhidmatan Makanan Lain kekal tidak berubah.

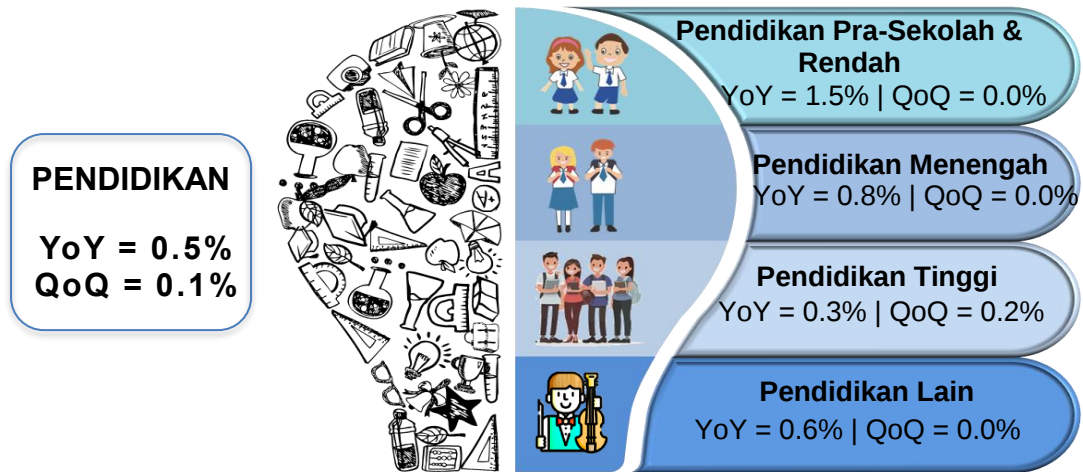
MAKLUMAT & KOMUNIKASI

Perbandingan data tahunan dan suku tahun bagi suku tahun keempat 2021 kekal tidak berubah pada IHPRP subsektor Maklumat & Komunikasi. Walau bagaimanapun, indeks Pengaturcaraan Komputer, Perundingan & Aktiviti Berkaitan meningkat sebanyak 0.1 peratus berdasarkan perbandingan secara tahunan manakala menurun 0.1 peratus pada suku tahunan.

AKTIVITI HARTANAH

IHPRP bagi subsektor Aktiviti Hartanah meningkat 0.6 peratus berbanding tahun sebelumnya disumbangkan oleh Aktiviti Hartanah Atas Dasar Bayaran atau Kontrak (0.6%). Perbandingan berdasarkan suku tahunan juga mencatatkan kenaikan 0.2 peratus.

Paparan 3: Perubahan peratus IHPRP Pendidikan, Suku Tahun Keempat 2021



PENDIDIKAN

IHPRP bagi subsektor Pendidikan meningkat sebanyak 0.5 peratus pada suku keempat tahun 2021. Indeks Pendidikan Pra-Sekolah & Rendah mencatatkan kenaikan tertinggi sebanyak 1.5 peratus. Sementara itu, indeks Pendidikan Menengah, Pendidikan Lain dan Pendidikan Tinggi masing-masing mencatatkan peningkatan sebanyak 0.8 peratus, 0.6 peratus dan 0.3 peratus.

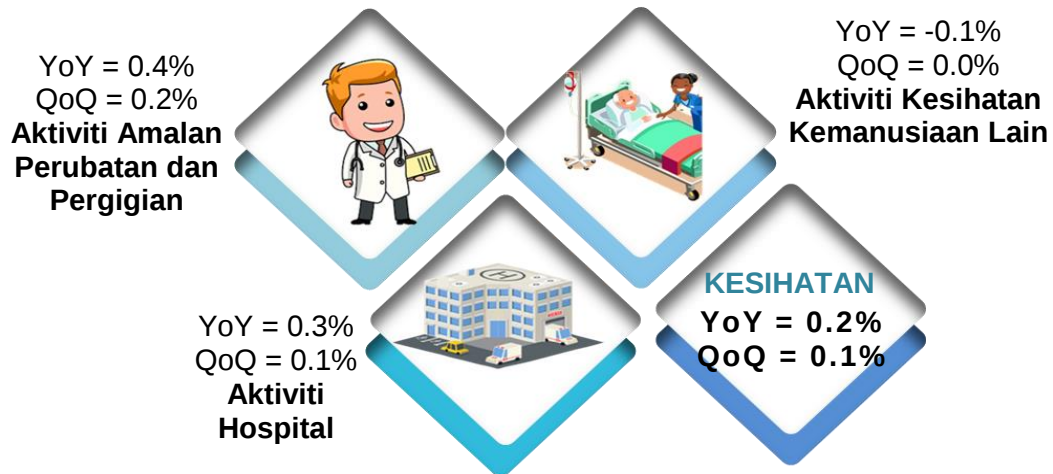
Tambahan lagi, indeks juga meningkat sebanyak 0.1 peratus pada perbandingan suku tahunan. Indeks Pendidikan Tinggi merekodkan 0.2 peratus peningkatan secara suku tahunan manakala indeks Pendidikan Pra-Sekolah & Rendah, Pendidikan Menengah dan Pendidikan Lain kekal tidak berubah.

PROFESIONAL

IHPRP bagi subsektor Profesional meningkat sedikit sebanyak 0.1 peratus pada suku keempat tahun 2021. Peningkatan ini didorong oleh Indeks Aktiviti Guaman (0.2%) dan Aktiviti Arkitek dan Kejuruteraan & Perundingan Teknikal yang berkaitan (0.1%).

Bagi perbandingan berasaskan suku tahunan, subsektor Profesional juga meningkat sebanyak 0.1 peratus didorong oleh indeks Aktiviti Guaman (0.2%). Manakala indeks Profesional lain kekal tidak berubah.

Paparan 4: Perubahan peratus IHPRP Kesihatan, Suku Tahun Keempat 2021



KESIHATAN

IHPRP bagi subsektor Kesihatan merekodkan peningkatan sebanyak 0.2 peratus berbanding suku tahun keempat 2020. Peningkatan ini disumbangkan oleh indeks Aktiviti Amalan Perubatan & Pergigian (0.4%) dan Aktiviti Hospital (0.3%). Walau bagaimanapun, Aktiviti Kesihatan Kemanusiaan Lain menurun sebanyak 0.1 peratus.

Bagi perbandingan berasaskan suku tahunan, IHPRP meningkat kepada 0.1 peratus. Peningkatan ini didorong oleh indeks Aktiviti Amalan Perubatan & Pergigian (0.2%) dan Aktiviti Hospital (0.1%). Sementara itu, indeks Aktiviti Kesihatan Kemanusiaan Lain kekal tidak berubah.

SERVICES PRODUCER PRICE INDEX (2010=100)

FOURTH QUARTER 2021

The Services Producer Price Index (SPPI) for the fourth quarter of 2021 increased 0.5 per cent to 110.7 as compared to 110.1 in the same quarter of the preceding year. The main sub-sectors that showed increases were Accommodation and Food & Beverage Service Activities (1.5%), Transportation (0.7%), Real Estate Activities (0.6%), Education (0.5%), Health (0.2%) and Professional (0.1%). However, the index for Arts, Entertainment & Recreation showed a decrease of 0.2 per cent. Index for Information & Communication remained unchanged.

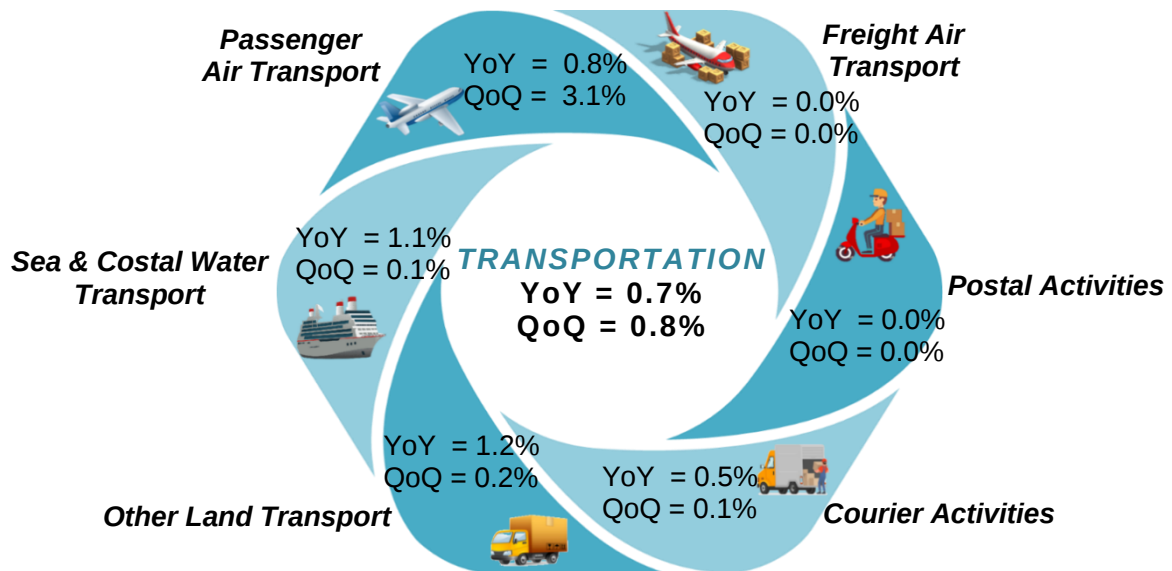
As quarter-on-quarter comparison, the SPPI rose by 0.2 per cent. This was driven by Transportation (0.8%), Accommodation and Food & Beverage Service Activities (0.7%), Real Estate Activities (0.2%). Meanwhile, Professional, Education and Health sub-sectors were recorded an increase of 0.1 per cent respectively. The index for Arts, Entertainment & Recreation decreased by 2.2 per cent while subsector Information & Communication remained unchanged.

Overall, for the year 2021, SPPI increased by 0.3 per cent as compared to 0.5 per cent recorded in 2020.

Table 1: Services Producer Price Index (2010=100), Fourth Quarter 2021

Subsector	Index			Percentage Change %	
	Q4 2020	Q3 2021	Q4 2021	Q4 2021/ Q3 2021	Q4 2021/ Q4 2020
TOTAL	110.1	110.5	110.7	0.2	0.5
Transportation	104.6	104.5	105.3	0.8	0.7
Accommodation and Food & Beverage Service Activities	134.8	135.9	136.8	0.7	1.5
Information & Communication	101.1	101.1	101.1	0.0	0.0
Real Estate Activities	126.1	126.6	126.9	0.2	0.6
Professional	103.7	103.7	103.8	0.1	0.1
Education	115.3	115.8	115.9	0.1	0.5
Health	107.1	107.2	107.3	0.1	0.2
Arts, Entertainment & Recreation	97.9	99.9	97.7	-2.2	-0.2

Exhibit 1: Percentage change of SPPI for Transportation, Fourth Quarter 2021



TRANSPORTATION

The Transport sub-sector increased by 0.7 per cent in the fourth quarter of 2021 as compared to the same quarter of the previous year. The increase was mainly contributed by the index of Other Land Transport (1.2%), Sea & Coastal Water Transport (1.1%), Passenger Air Transport (0.8%) and Courier Activities (0.5%) whereas Freight Air Transport and Postal Activities remained unchanged.

On a quarterly basis, the transport sub-sector increased by 0.8 per cent in the fourth quarter of 2021. The increase was driven by the index of Passenger Air Transport (3.1%), Other Land Transport (0.2%), Sea & Coastal Water Transport (0.1%) and Courier Activities (0.1%). However, Freight Air Transport and Postal Activities indices remained unchanged.

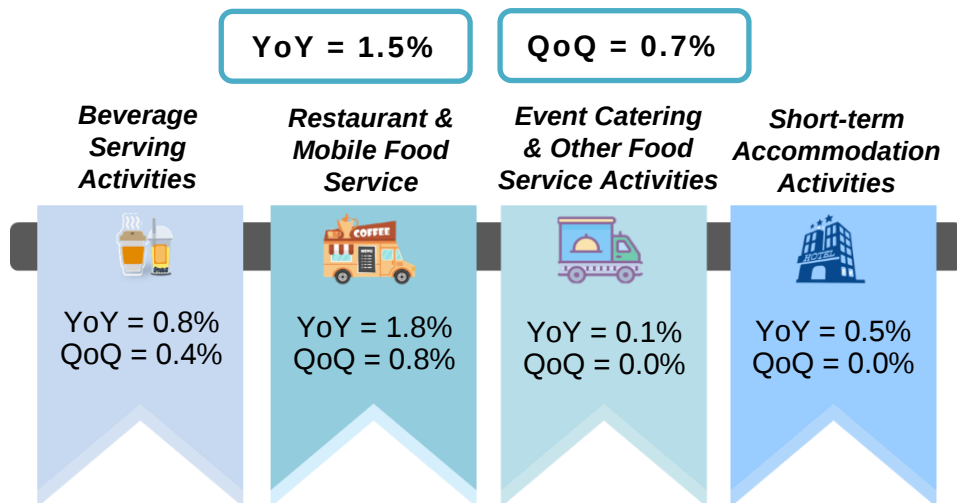
ARTS, ENTERTAINMENT & RECREATION

In the fourth quarter of 2021, the SPPI for Arts, Entertainment & Recreation sub-sector decreased 0.2 per cent as against fourth quarter 2020. This was driven by the index of Gambling & Betting Activities (-0.4%). However, Other Amusement & Recreation Activities and Sports Activities recorded an increase of 1.3 per cent and 0.9 per cent respectively.

On a quarterly basis, the SPPI for Arts, Entertainment & Recreation sub-sector declined 2.2 per cent, driven by the index of Gambling & Betting Activities (-2.6%) while index of Sports Activities increased marginally by 0.1 per cent. The index of Other Amusement & Recreation Activities remained unchanged.

SUMMARY OF FINDINGS

Exhibit 2: Percentage change of SPPI for Accommodation and Food & Beverage Service Activities, Fourth Quarter 2021



ACCOMMODATION AND FOOD & BEVERAGE SERVICE ACTIVITIES

On a yearly basis, the fourth quarter of 2021 showed the Accommodation and Food & Beverage Service Activities increased 1.5 per cent. The increase was contributed by the index of Restaurants & Mobile Food Service Activities (1.8%), Beverage Serving Activities (0.8%), Short-term Accommodation Activities (0.5%) and Event Catering & Other Food Service Activities (0.1%).

Simultaneously, on a quarterly comparison also recorded an increase of 0.7 per cent. This increase was contributed by Restaurants & Mobile Food Service Activities (0.8%) and Beverage Serving Activities (0.4%). Meanwhile, the index of Short-term Accommodation Activities and Event Catering & Other Food Service remained unchanged.

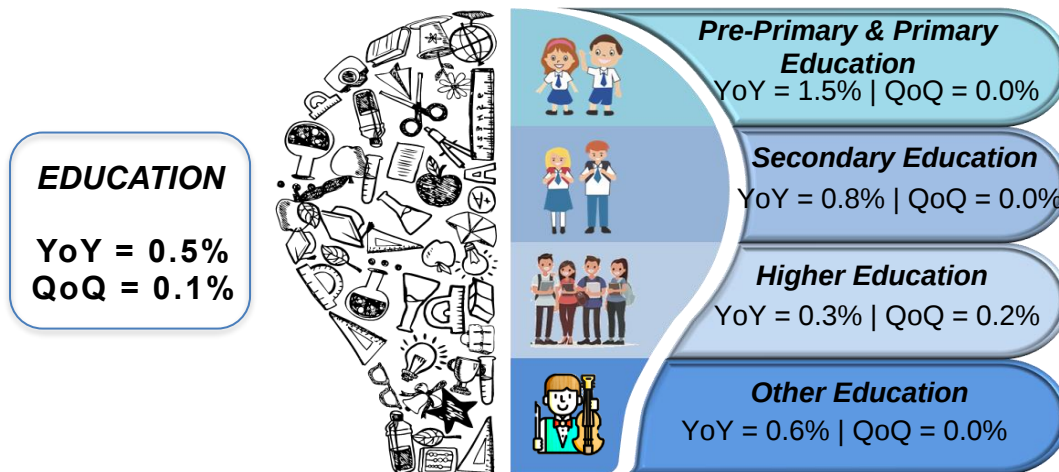
INFORMATION & COMMUNICATION

Annual and quarterly comparisons data for the fourth quarter of 2021 remained unchanged for Information & Communications sub-sector. However, the Computer Programming, Consultancy & Related Activities index moved up by 0.1 per cent on annual while decreased 0.1 per cent on quarterly basis.

REAL ESTATE ACTIVITIES

The Real Estate Activities rose 0.6 per cent as compared to the previous year contributed by Real Estate Activities on a Fee or Contract Basis (0.6%). A quarter-on-quarter comparison also recorded an increase of 0.2 per cent.

Exhibit 3: Percentage change of SPPI for Education, Fourth Quarter 2021



EDUCATION

The Education sub-sector increased by 0.5 per cent in the fourth quarter of 2021. The index of Pre-Primary & Primary Education recorded the highest increase of 1.5 per cent. Meanwhile, Secondary Education, Other Education and Higher Education indices showed increases of 0.8 per cent, 0.6 per cent and 0.3 per cent respectively.

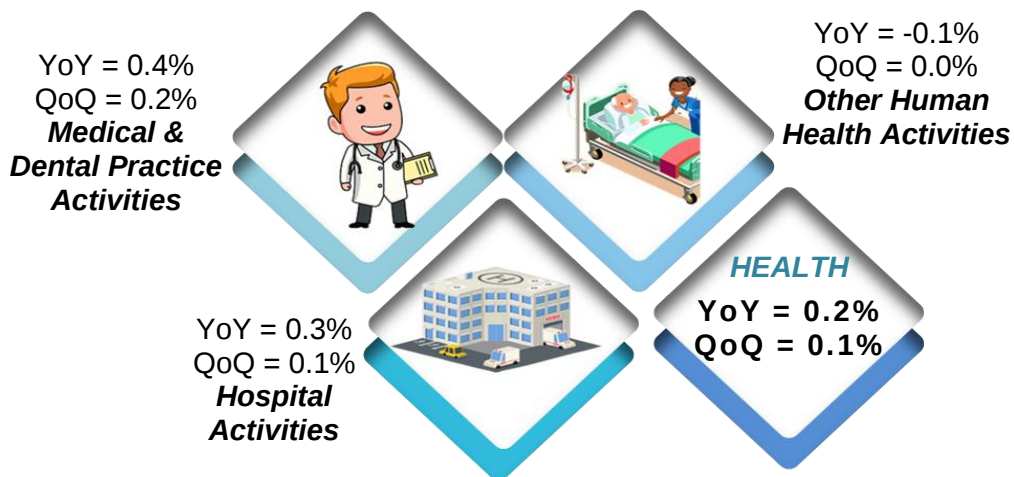
In addition, the index also increased 0.1 per cent on a quarterly comparison. The Higher Education index recorded an increase of 0.2 per cent on a quarterly basis while Pre-Primary & Primary Education, Secondary Education and Other Education indices remained unchanged.

PROFESSIONAL

The SPPI for Professional sub-sector increased marginally by 0.1 per cent in the fourth quarter of 2021. The increase was driven by the index of Legal Activities (0.2%) and Architectural and Engineering Activities & Related Technical Consultancy (0.1%).

On a quarterly basis, Professional sub-sector also increased by 0.1 per cent driven by the index of Legal Activities (0.2%). Meanwhile other Professional indices remained unchanged.

Exhibit 4: Percentage change of SPPI for Health, Fourth Quarter 2021



HEALTH

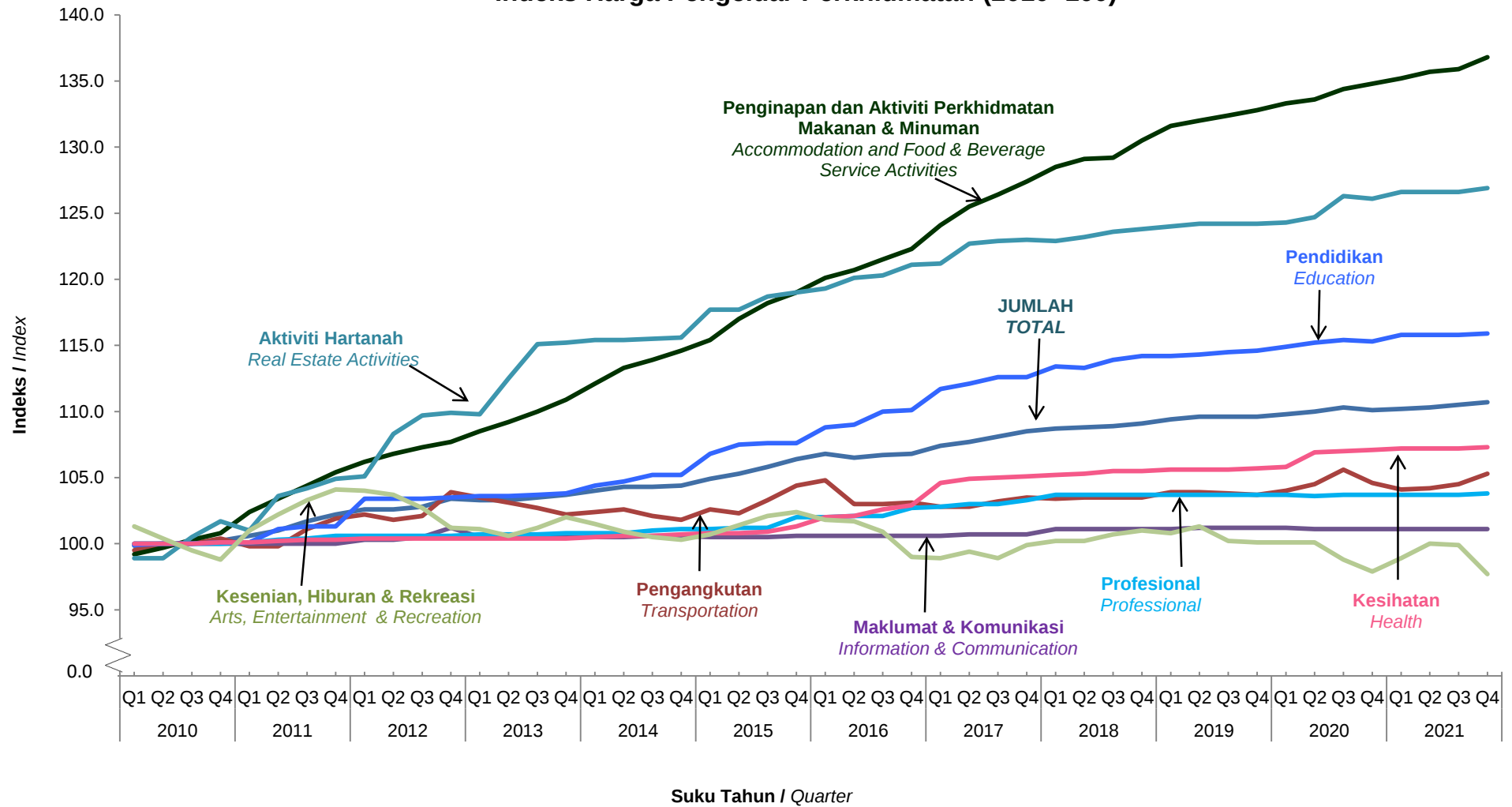
The SPPI for Health sub-sector registered 0.2 per cent increase as compared to fourth quarter 2020. The increase was contributed by the index of Medical & Dental Practice Activities (0.4%) and Hospital Activities (0.3%). However, Other Human Health Activities index decreased by 0.1 per cent.

On a quarterly basis, the SPPI increased by 0.1 per cent. This was driven by the index of Medical & Dental Practice Activities (0.2%) and Hospital Activities (0.1%). Meanwhile, Other Human Health Activities index remained unchanged.

The image features an abstract geometric design. On the left side, there is a vertical stack of overlapping triangles in various shades of teal and dark blue. A horizontal bar in a medium teal color spans the width of the page, positioned in the lower half. The text 'CARTA CHARTS' is located within this bar, towards the right side. The background is white.

CARTA
CHARTS

Indeks Harga Pengeluar Perkhidmatan (2010=100)



The image features an abstract geometric design. On the left side, there is a vertical stack of overlapping triangles in various shades of teal and dark blue. A horizontal band of medium teal color spans the width of the page, positioned in the lower half. The text 'JADUAL TABLES' is centered within this band. Below the band, there are more geometric shapes, including a large dark blue triangle pointing downwards and a smaller teal triangle pointing upwards.

JADUAL *TABLES*

Jadual 1.0 : Indeks Harga Pengeluar Perkhidmatan Mengikut Seksyen (MSIC 2008), Malaysia
Table 1.0 : Services Producer Price Index by Section (MSIC 2008), Malaysia

(2010=100)									
Seksyen <i>Sections</i>	Jumlah <i>Total</i>	Pengangkutan <i>Transportation</i>	Penginapan dan Aktiviti Perkhidmatan Makanan & Minuman <i>Accommodation and Food & Beverage Service Activities</i>	Maklumat & Komunikasi <i>Information & Communication</i>	Aktiviti Hartanah <i>Real Estate Activities</i>	Profesional <i>Professional</i>	Pendidikan <i>Education</i>	Kesihatan <i>Health</i>	Kesenian, Hiburan & Rekreasi <i>Arts, Entertainment & Recreation</i>
Wajaran <i>Weight</i>	100.0	22.4	20.0	39.6	0.5	4.7	3.6	4.3	4.9
2015	105.6	103.2	117.4	100.5	118.3	101.4	107.4	101.0	101.7
2016	106.7	103.5	121.2	100.6	120.2	102.2	109.5	102.4	100.9
2017	107.9	103.1	125.9	100.7	122.5	103.0	112.3	104.9	99.3
2018	108.9	103.5	129.3	101.1	123.4	103.7	113.7	105.4	100.5
2019	109.6	103.8	132.2	101.2	124.2	103.7	114.4	105.6	100.6
2020	110.1	104.7	134.0	101.1	125.4	103.7	115.2	106.7	99.2
2021	110.4	104.5	135.9	101.1	126.7	103.7	115.8	107.2	99.1
2015									
Q1	104.9	102.6	115.4	100.5	117.7	101.1	106.8	100.8	100.7
Q2	105.3	102.3	117.0	100.5	117.7	101.2	107.5	100.8	101.4
Q3	105.8	103.3	118.2	100.5	118.7	101.2	107.6	100.9	102.1
Q4	106.4	104.4	119.0	100.6	119.0	102.0	107.6	101.3	102.4
2016									
Q1	106.8	104.8	120.1	100.6	119.3	102.0	108.8	102.0	101.8
Q2	106.5	103.0	120.7	100.6	120.1	102.1	109.0	102.1	101.7
Q3	106.7	103.0	121.5	100.6	120.3	102.1	110.0	102.6	100.9
Q4	106.8	103.1	122.3	100.6	121.1	102.7	110.1	102.9	99.0
2017									
Q1	107.4	102.8	124.1	100.6	121.2	102.8	111.7	104.6	98.9
Q2	107.7	102.8	125.5	100.7	122.7	103.0	112.1	104.9	99.4
Q3	108.1	103.2	126.4	100.7	122.9	103.0	112.6	105.0	98.9
Q4	108.5	103.5	127.4	100.7	123.0	103.3	112.6	105.1	99.9
2018									
Q1	108.7	103.4	128.5	101.1	122.9	103.7	113.4	105.2	100.2
Q2	108.8	103.5	129.1	101.1	123.2	103.7	113.3	105.3	100.2
Q3	108.9	103.5	129.2	101.1	123.6	103.7	113.8	105.5	100.7
Q4	109.2	103.5	130.5	101.1	123.8	103.7	114.2	105.5	101.0
2019									
Q1	109.4	103.9	131.6	101.1	124.0	103.7	114.2	105.6	100.8
Q2	109.6	103.9	132.0	101.2	124.2	103.7	114.3	105.6	101.3
Q3	109.6	103.8	132.4	101.2	124.2	103.7	114.5	105.6	100.2
Q4	109.6	103.7	132.8	101.2	124.2	103.7	114.6	105.7	100.1
2020									
Q1	109.8	104.0	133.3	101.2	124.8	103.7	114.9	105.8	100.1
Q2	110.0	104.4	133.6	101.1	125.0	103.6	115.2	106.9	100.1
Q3	110.3	105.6	134.4	101.1	126.3	103.7	115.4	107.0	98.8
Q4	110.1	104.6	134.8	101.1	126.1	103.7	115.3	107.1	97.9
2021									
Q1	110.2	104.1	135.2	101.1	126.6	103.7	115.8	107.2	98.9
Q2	110.3	104.2	135.7	101.1	126.6	103.7	115.8	107.2	100.0
Q3	110.5	104.5	135.9	101.1	126.6	103.7	115.8	107.2	99.9
Q4	110.7	105.3	136.8	101.1	126.9	103.8	115.9	107.3	97.7

Jadual 1.1 : Indeks Harga Pengeluar Perkhidmatan Mengikut Seksyen (MSIC 2008), Malaysia
- Perubahan Peratus Suku Tahun ke Suku Tahun

Table 1.1 : Services Producer Price Index by Section (MSIC 2008), Malaysia
 - Percentage Change Quarter-on-Quarter

(2010=100)									
Seksyen Sections	Jumlah Total	Pengangkutan Transportation	Penginapan dan Aktiviti Perkhidmatan Makanan & Minuman Accommodation and Food & Beverage Service Activities	Maklumat & Komunikasi Information & Communication	Aktiviti Hartanah Real Estate Activities	Profesional Professional	Pendidikan Education	Kesihatan Health	Kesenian, Hiburan & Rekreasi Arts, Entertainment & Recreation
Wajaran Weight	100.0	22.4	20.0	39.6	0.5	4.7	3.6	4.3	4.9
2015									
Q1	0.5	0.8	0.7	-0.1	1.8	0.0	1.5	0.1	0.4
Q2	0.4	-0.3	1.4	0.0	0.0	0.1	0.7	0.0	0.7
Q3	0.5	1.0	1.0	0.0	0.8	0.0	0.1	0.1	0.7
Q4	0.6	1.1	0.7	0.1	0.3	0.8	0.0	0.4	0.3
2016									
Q1	0.4	0.4	0.9	0.0	0.3	0.0	1.1	0.7	-0.6
Q2	-0.3	-1.7	0.5	0.0	0.7	0.1	0.2	0.1	-0.1
Q3	0.2	0.0	0.7	0.0	0.2	0.0	0.9	0.5	-0.8
Q4	0.1	0.1	0.7	0.0	0.7	0.6	0.1	0.3	-1.9
2017									
Q1	0.6	-0.3	1.5	0.0	0.1	0.1	1.5	1.7	-0.1
Q2	0.3	0.0	1.1	0.1	1.2	0.2	0.4	0.3	0.5
Q3	0.4	0.4	0.7	0.0	0.2	0.0	0.4	0.1	-0.5
Q4	0.4	0.3	0.8	0.0	0.1	0.3	0.0	0.1	1.0
2018									
Q1	0.2	-0.1	0.9	0.4	-0.1	0.4	0.7	0.1	0.3
Q2	0.1	0.1	0.5	0.0	0.2	0.0	-0.1	0.1	0.0
Q3	0.1	0.0	0.1	0.0	0.3	0.0	0.4	0.2	0.5
Q4	0.3	0.0	1.0	0.0	0.2	0.0	0.4	0.0	0.3
2019									
Q1	0.2	0.4	0.8	0.0	0.2	0.0	0.0	0.1	-0.2
Q2	0.2	0.0	0.3	0.1	0.2	0.0	0.1	0.0	0.5
Q3	0.0	-0.1	0.3	0.0	0.0	0.0	0.2	0.0	-1.1
Q4	0.0	-0.1	0.3	0.0	0.0	0.0	0.1	0.1	-0.1
2020									
Q1	0.2	0.3	0.4	0.0	0.5	0.0	0.3	0.1	0.0
Q2	0.2	0.4	0.2	-0.1	0.2	-0.1	0.3	1.0	0.0
Q3	0.3	1.1	0.6	0.0	1.0	0.1	0.2	0.1	-1.3
Q4	-0.2	-0.9	0.3	0.0	-0.2	0.0	-0.1	0.1	-0.9
2021									
Q1	0.1	-0.5	0.3	0.0	0.4	0.0	0.4	0.1	1.0
Q2	0.1	0.1	0.4	0.0	0.0	0.0	0.0	0.0	1.1
Q3	0.2	0.3	0.1	0.0	0.0	0.0	0.0	0.0	-0.1
Q4	0.2	0.8	0.7	0.0	0.2	0.1	0.1	0.1	-2.2

Jadual 1.2 : Indeks Harga Pengeluar Perkhidmatan Mengikut Seksyen (MSIC 2008), Malaysia
- Perubahan Peratus Tahun ke Tahun

Table 1.2 : Services Producer Price Index by Section (MSIC 2008), Malaysia
 - Percentage Change Year-on-Year

(2010=100)									
Seksyen Sections	Jumlah Total	Pengangkutan Transportation	Penginapan dan Aktiviti Perkhidmatan Makanan & Minuman Accommodation and Food & Beverage Service Activities	Maklumat & Komunikasi Information & Communication	Aktiviti Hartanah Real Estate Activities	Profesional Professional	Pendidikan Education	Kesihatan Health	Kesenian, Hiburan & Rekreasi Arts, Entertainment & Recreation
Wajaran Weight	100.0	22.4	20.0	39.6	0.5	4.7	3.6	4.3	4.9
2015	1.3	0.9	3.5	0.0	2.4	0.5	2.4	0.4	0.9
2016	1.0	0.3	3.2	0.1	1.6	0.8	2.0	1.4	-0.8
2017	1.1	-0.4	3.9	0.1	1.9	0.8	2.5	2.4	-1.5
2018	0.9	0.4	2.8	0.4	0.8	0.7	1.3	0.5	1.3
2019	0.6	0.3	2.2	0.1	0.6	0.0	0.6	0.2	0.1
2020	0.5	0.8	1.4	0.0	1.0	0.0	0.7	1.0	-1.4
2021	0.3	-0.2	1.4	0.0	0.9	0.0	0.5	0.5	-0.1
2015									
Q1	0.9	0.2	2.9	0.0	2.0	0.3	2.3	0.3	-0.8
Q2	1.0	-0.3	3.3	0.0	2.0	0.4	2.7	0.2	0.5
Q3	1.4	1.1	3.8	-0.1	2.8	0.2	2.3	0.3	1.6
Q4	1.9	2.6	3.8	0.0	2.9	0.9	2.3	0.6	2.1
2016									
Q1	1.8	2.1	4.1	0.1	1.4	0.9	1.9	1.2	1.1
Q2	1.1	0.7	3.2	0.1	2.0	0.9	1.4	1.3	0.3
Q3	0.9	-0.3	2.8	0.1	1.3	0.9	2.2	1.7	-1.2
Q4	0.4	-1.2	2.8	0.0	1.8	0.7	2.3	1.6	-3.3
2017									
Q1	0.6	-1.9	3.3	0.0	1.6	0.8	2.7	2.5	-2.8
Q2	1.1	-0.2	4.0	0.1	2.2	0.9	2.8	2.7	-2.3
Q3	1.3	0.2	4.0	0.1	2.2	0.9	2.4	2.3	-2.0
Q4	1.6	0.4	4.2	0.1	1.6	0.6	2.3	2.1	0.9
2018									
Q1	1.2	0.6	3.5	0.5	1.4	0.9	1.5	0.6	1.3
Q2	1.0	0.7	2.9	0.4	0.4	0.7	1.1	0.4	0.8
Q3	0.7	0.3	2.2	0.4	0.6	0.7	1.1	0.5	1.8
Q4	0.6	0.0	2.4	0.4	0.7	0.4	1.4	0.4	1.1
2019									
Q1	0.6	0.5	2.4	0.0	0.9	0.0	0.7	0.4	0.6
Q2	0.7	0.4	2.2	0.1	0.8	0.0	0.9	0.3	1.1
Q3	0.7	0.3	2.5	0.1	0.5	0.0	0.6	0.1	-0.5
Q4	0.4	0.2	1.8	0.1	0.3	0.0	0.4	0.2	-0.9
2020									
Q1	0.4	0.1	1.3	0.1	0.6	0.0	0.6	0.2	-0.7
Q2	0.4	0.5	1.2	-0.1	0.6	-0.1	0.8	1.2	-1.2
Q3	0.6	1.7	1.5	-0.1	1.7	0.0	0.8	1.3	-1.4
Q4	0.5	0.9	1.5	-0.1	1.5	0.0	0.6	1.3	-2.2
2021									
Q1	0.4	0.1	1.4	-0.1	1.4	0.0	0.8	1.3	-1.2
Q2	0.3	-0.2	1.6	0.0	1.3	0.1	0.5	0.3	-0.1
Q3	0.2	-1.0	1.1	0.0	0.2	0.0	0.3	0.2	1.1
Q4	0.5	0.7	1.5	0.0	0.6	0.1	0.5	0.2	-0.2

Jadual 2.0 : Indeks Harga Pengeluar Perkhidmatan Mengikut Bahagian (MSIC 2008), Malaysia

Table 2.0 : Services Producer Price Index by Division (MSIC 2008), Malaysia

(2010=100)

Bahagian Division	Pengangkutan Transportation				
	49	50	51	52	53
	Pengangkutan Darat & Pengangkutan Melalui Saliran Paip Land Transport & Transport via Pipelines	Pengangkutan Air Water Transport	Pengangkutan Udara Air Transport	Penggudangan & Aktiviti Sokongan untuk Pengangkutan Warehousing & Support Activities for Transportation	Perkhidmatan Pos & Kurier Postal & Courier Activities
2015	106.4	100.4	101.6		106.9
2016	107.1	100.5	101.5		108.4
2017	107.4	100.1	100.3		110.6
2018	107.4	100.0	101.3	103.5	110.6
2019	107.5	100.3	101.7	103.5	112.9
2020	107.6	100.8	103.5	103.6	117.2
2021	108.9	101.8	101.0	103.6	118.5
2015					
Q1	105.9	100.4	100.7		106.5
Q2	106.5	100.4	99.5		106.8
Q3	106.6	100.4	101.8		107.1
Q4	106.7	100.4	104.3		107.2
2016					
Q1	107.0	100.5	104.8		107.8
Q2	107.1	100.5	100.6		107.8
Q3	107.2	100.5	100.4		107.8
Q4	107.2	100.5	100.2		110.1
2017					
Q1	107.3	100.1	99.8		110.4
Q2	107.3	100.1	99.6		110.7
Q3	107.4	100.1	100.6		110.7
Q4	107.6	100.1	101.1		110.7
2018					
Q1	107.3	100.2	101.1	103.4	110.3
Q2	107.3	100.2	101.5	103.5	110.3
Q3	107.4	99.9	101.3	103.5	110.9
Q4	107.4	99.8	101.4	103.5	110.7
2019					
Q1	107.5	100.5	102.1	103.5	111.1
Q2	107.5	100.2	102.5	103.5	110.9
Q3	107.5	100.2	101.3	103.5	114.7
Q4	107.5	100.4	101.0	103.5	114.7
2020					
Q1	107.5	100.8	101.5	103.5	114.9
Q2	107.5	100.8	102.8	103.6	117.4
Q3	107.7	100.8	106.6	103.6	118.1
Q4	107.7	100.8	102.9	103.6	118.3
2021					
Q1	108.8	101.8	99.5	103.5	118.4
Q2	108.8	101.8	100.0	103.5	118.5
Q3	108.8	101.8	100.9	103.6	118.5
Q4	109.0	101.9	103.7	103.6	118.6

Jadual 2.0 : Indeks Harga Pengeluar Perkhidmatan Mengikut Bahagian (MSIC 2008), Malaysia (samb.)

Table 2.0 : Services Producer Price Index by Division (MSIC 2008), Malaysia (cont'd)

(2010=100)

Bahagian Division	Penginapan dan Aktiviti Perkhidmatan Makanan & Minuman Accommodation and Food & Beverage Service Activities			Maklumat & Komunikasi Information & Communication	
	55	56	61	62	63
	Penginapan Accommodation	Aktiviti Perkhidmatan Makanan & Minuman Food & Beverage Service Activities	Telekomunikasi Telecommunications	Pengaturcaraan Komputer, Perundingan & Aktiviti yang Berkaitan Computer programming, Consultancy & Related Activities	Aktiviti Perkhidmatan Maklumat Information Service Activities
2015	101.8	121.1	100.4	101.6	100.6
2016	101.9	125.7	100.4	102.1	101.4
2017	103.0	131.2	100.4	102.4	101.4
2018	102.8	135.2	100.0	103.1	101.0
2019	103.1	138.7	100.1	103.3	101.0
2020	102.8	141.0	100.0	103.4	101.0
2021	103.2	143.1	99.9	103.5	101.0
2015					
Q1	101.6	118.6	100.4	101.6	100.3
Q2	101.8	120.5	100.4	101.6	100.3
Q3	101.8	122.1	100.4	101.6	100.3
Q4	101.9	123.0	100.4	101.6	101.4
2016					
Q1	101.8	124.4	100.4	102.0	101.4
Q2	101.8	125.1	100.4	102.1	101.4
Q3	101.8	126.1	100.4	102.2	101.4
Q4	102.0	127.0	100.4	102.2	101.4
2017					
Q1	102.7	129.1	100.4	102.2	101.4
Q2	103.0	130.8	100.4	102.3	101.4
Q3	103.0	131.9	100.4	102.5	101.4
Q4	103.3	133.1	100.4	102.6	101.4
2018					
Q1	102.7	134.2	100.0	103.1	101.0
Q2	102.6	134.9	100.0	103.1	101.0
Q3	102.7	135.1	99.9	103.2	101.0
Q4	103.0	136.6	100.0	103.1	101.0
2019					
Q1	103.1	137.9	100.0	103.2	101.0
Q2	103.1	138.4	100.1	103.2	101.0
Q3	103.0	138.9	100.1	103.3	101.0
Q4	103.0	139.5	100.1	103.3	101.0
2020					
Q1	102.9	140.1	100.1	103.3	101.0
Q2	102.7	140.5	100.0	103.4	101.0
Q3	102.7	141.4	99.9	103.4	101.0
Q4	102.7	141.9	99.9	103.4	101.0
2021					
Q1	103.1	142.3	100.0	103.4	101.0
Q2	103.1	142.9	99.9	103.4	101.0
Q3	103.2	143.1	99.9	103.6	101.0
Q4	103.2	144.2	99.9	103.5	101.0

Jadual 2.0 : Indeks Harga Pengeluar Perkhidmatan Mengikut Bahagian (MSIC 2008), Malaysia (samb.)

Table 2.0 : Services Producer Price Index by Division (MSIC 2008), Malaysia (cont'd)

(2010=100)

Bahagian Division	Aktiviti Hartanah Real Estate Activities		Profesional Professional	
	68		69	
	71		71	
	Aktiviti Hartanah Real Estate Activities	Aktiviti Guaman & Perakaunan Legal & Accounting Activities	Aktiviti Arkitek & Kejuruteraan; Ujian Teknikal & Analisis Architectural & Engineering Activities; Technical Testing & Analysis	
2015	118.3	102.4	100.4	
2016	120.2	103.7	100.6	
2017	122.5	104.3	101.6	
2018	123.4	105.0	102.4	
2019	124.2	104.9	102.5	
2020	125.4	104.9	102.4	
2021	126.7	104.9	102.5	
2015				
Q1	117.7	101.9	100.3	
Q2	117.7	101.9	100.4	
Q3	118.7	102.0	100.4	
Q4	119.0	103.6	100.4	
2016				
Q1	119.3	103.6	100.4	
Q2	120.1	103.6	100.4	
Q3	120.3	103.7	100.4	
Q4	121.1	104.0	101.2	
2017				
Q1	121.2	104.2	101.2	
Q2	122.7	104.2	101.7	
Q3	122.9	104.2	101.7	
Q4	123.0	104.7	101.8	
2018				
Q1	122.9	105.0	102.3	
Q2	123.2	105.0	102.4	
Q3	123.6	105.0	102.4	
Q4	123.8	104.9	102.4	
2019				
Q1	124.0	104.9	102.4	
Q2	124.2	104.9	102.4	
Q3	124.2	104.9	102.5	
Q4	124.2	104.9	102.5	
2020				
Q1	124.8	105.0	102.5	
Q2	125.0	104.9	102.4	
Q3	126.3	104.9	102.4	
Q4	126.1	104.9	102.4	
2021				
Q1	126.6	104.9	102.5	
Q2	126.6	104.9	102.5	
Q3	126.6	104.9	102.5	
Q4	126.9	105.0	102.5	

Jadual 2.0 : Indeks Harga Pengeluar Perkhidmatan Mengikut Bahagian (MSIC 2008), Malaysia (samb.)

Table 2.0 : Services Producer Price Index by Division (MSIC 2008), Malaysia (cont'd)

(2010=100)

Bahagian Division	Pendidikan Education	Kesihatan Health	Kesenian, Hiburan & Rekreasi Arts, Entertainment & Recreation	
	85	86	92	93
	Pendidikan Education	Aktiviti Kesihatan Kemanusiaan Human Health Activities	Aktiviti Perjudian & Pertaruhan Gambling & Betting Activities	Aktiviti Sukan & Aktiviti Hiburan & Rekreasi Sport Activities & Amusement & Recreation Activities
2015	107.4	101.0	101.4	103.7
2016	109.5	102.4	100.3	104.6
2017	112.3	104.9	98.4	105.7
2018	113.7	105.4	100.6	106.4
2019	114.4	105.6	100.6	106.5
2020	115.2	106.7	98.9	106.6
2021	115.8	107.2	98.7	107.6
2015				
Q1	106.8	100.8	100.4	102.9
Q2	107.5	100.8	101.1	103.3
Q3	107.6	100.9	101.8	104.2
Q4	107.6	101.3	102.2	104.2
2016				
Q1	108.8	102.0	101.4	104.5
Q2	109.0	102.1	101.3	104.5
Q3	110.0	102.6	100.4	104.6
Q4	110.1	102.9	98.2	104.8
2017				
Q1	111.7	104.6	98.0	105.4
Q2	112.1	104.9	98.5	105.7
Q3	112.6	105.0	98.0	105.7
Q4	112.6	105.1	99.1	105.8
2018				
Q1	113.4	105.2	100.2	106.3
Q2	113.3	105.3	100.2	106.5
Q3	113.8	105.5	100.7	106.5
Q4	114.2	105.5	101.2	106.4
2019				
Q1	114.2	105.6	100.8	106.4
Q2	114.3	105.6	101.4	106.5
Q3	114.5	105.6	100.1	106.6
Q4	114.6	105.7	100.0	106.6
2020				
Q1	114.9	105.8	100.0	106.6
Q2	115.2	106.9	99.9	106.7
Q3	115.4	107.0	98.5	106.6
Q4	115.3	107.1	97.3	106.6
2021				
Q1	115.8	107.2	98.5	107.2
Q2	115.8	107.2	99.8	107.4
Q3	115.8	107.2	99.5	107.8
Q4	115.9	107.3	96.9	107.8

Jadual 2.1 : Indeks Harga Pengeluar Perkhidmatan Mengikut Bahagian (MSIC 2008), Malaysia
- Perubahan Peratus Suku Tahun ke Suku Tahun

Table 2.1 : Services Producer Price Index by Division (MSIC 2008), Malaysia
 - Percentage Change Quarter-on-Quarter

(2010=100)

Bahagian Division	Pengangkutan Transportation				
	49	50	51	52	53
	Pengangkutan Darat & Pengangkutan Melalui Saliran Paip Land Transport & Transport via Pipelines	Pengangkutan Air Water Transport	Pengangkutan Udara Air Transport	Penggudangan & Aktiviti Sokongan untuk Pengangkutan Warehousing & Support Activities for Transportation	Perkhidmatan Pos & Kurier Postal & Courier Activities
2015					
Q1	0.4	0.0	1.6		0.5
Q2	0.6	0.0	-1.2		0.3
Q3	0.1	0.0	2.3		0.3
Q4	0.1	0.0	2.5		0.1
2016					
Q1	0.3	0.1	0.5		0.6
Q2	0.1	0.0	-4.0		0.0
Q3	0.1	0.0	-0.2		0.0
Q4	0.0	0.0	-0.2		2.1
2017					
Q1	0.1	-0.4	-0.4		0.3
Q2	0.0	0.0	-0.2		0.3
Q3	0.1	0.0	1.0		0.0
Q4	0.2	0.0	0.5		0.0
2018					
Q1	-0.3	0.1	0.0		-0.4
Q2	0.0	0.0	0.4	0.1	0.0
Q3	0.1	-0.3	-0.2	0.0	0.5
Q4	0.0	-0.1	0.1	0.0	-0.2
2019					
Q1	0.1	0.7	0.7	0.0	0.4
Q2	0.0	-0.3	0.4	0.0	-0.2
Q3	0.0	0.0	-1.2	0.0	3.4
Q4	0.0	0.2	-0.3	0.0	0.0
2020					
Q1	0.0	0.4	0.5	0.0	0.2
Q2	0.0	0.0	1.3	0.1	2.2
Q3	0.2	0.0	3.7	0.0	0.6
Q4	0.0	0.0	-3.5	0.0	0.2
2021					
Q1	1.0	1.0	-3.3	-0.1	0.1
Q2	0.0	0.0	0.5	0.0	0.1
Q3	0.0	0.0	0.9	0.1	0.0
Q4	0.2	0.1	2.8	0.0	0.1

Jadual 2.1 : Indeks Harga Pengeluar Perkhidmatan Mengikut Bahagian (MSIC 2008), Malaysia
- Perubahan Peratus Suku Tahun ke Suku Tahun (samb.)

Table 2.1 : Services Producer Price Index by Division (MSIC 2008), Malaysia
 - Percentage Change Quarter-on-Quarter (cont'd)

(2010=100)

Bahagian Division	Penginapan dan Aktiviti Perkhidmatan Makanan & Minuman Accommodation and Food & Beverage Service Activities		Maklumat & Komunikasi Information & Communication		
	55	56	61	62	63
	Penginapan Accommodation	Aktiviti Perkhidmatan Makanan & Minuman Food & Beverage Service Activities	Telekomunikasi Telecommunications	Pengaturcaraan Komputer, Perundingan & Aktiviti yang Berkaitan Computer programming, Consultancy & Related Activities	Aktiviti Perkhidmatan Maklumat Information Service Activities
2015					
Q1	0.5	0.8	0.0	0.1	0.0
Q2	0.2	1.6	0.0	0.0	0.0
Q3	0.0	1.3	0.0	0.0	0.0
Q4	0.1	0.7	0.0	0.0	1.1
2016					
Q1	-0.1	1.1	0.0	0.4	0.0
Q2	0.0	0.6	0.0	0.1	0.0
Q3	0.0	0.8	0.0	0.1	0.0
Q4	0.2	0.7	0.0	0.0	0.0
2017					
Q1	0.7	1.7	0.0	0.0	0.0
Q2	0.3	1.3	0.0	0.1	0.0
Q3	0.0	0.8	0.0	0.2	0.0
Q4	0.3	0.9	0.0	0.1	0.0
2018					
Q1	-0.6	0.8	-0.4	0.5	-0.4
Q2	-0.1	0.5	0.0	0.0	0.0
Q3	0.1	0.1	-0.1	0.1	0.0
Q4	0.3	1.1	0.1	-0.1	0.0
2019					
Q1	0.1	1.0	0.0	0.1	0.0
Q2	0.0	0.4	0.1	0.0	0.0
Q3	-0.1	0.4	0.0	0.1	0.0
Q4	0.0	0.4	0.0	0.0	0.0
2020					
Q1	-0.1	0.4	0.0	0.0	0.0
Q2	-0.2	0.3	-0.1	0.1	0.0
Q3	0.0	0.6	-0.1	0.0	0.0
Q4	0.0	0.4	0.0	0.0	0.0
2021					
Q1	0.4	0.3	0.1	0.0	0.0
Q2	0.0	0.4	-0.1	0.0	0.0
Q3	0.1	0.1	0.0	0.2	0.0
Q4	0.0	0.8	0.0	-0.1	0.0

Jadual 2.1 : Indeks Harga Pengeluar Perkhidmatan Mengikut Bahagian (MSIC 2008), Malaysia
- Perubahan Peratus Suku Tahun ke Suku Tahun (samb.)

Table 2.1 : Services Producer Price Index by Division (MSIC 2008), Malaysia
 - Percentage Change Quarter-on-Quarter (cont'd)

(2010=100)			
Bahagian Division	Aktiviti Hartanah Real Estate Activities	Profesional Professional	
	68	69	71
	Aktiviti Hartanah Real Estate Activities	Aktiviti Guaman & Perakaunan Legal & Accounting Activities	Aktiviti Arkitek & Kejuruteraan; Ujian Teknikal & Analisis Architectural & Engineering Activities; Technical Testing & Analysis
2015			
Q1	1.8	0.0	0.1
Q2	0.0	0.0	0.1
Q3	0.8	0.1	0.0
Q4	0.3	1.6	0.0
2016			
Q1	0.3	0.0	0.0
Q2	0.7	0.0	0.0
Q3	0.2	0.1	0.0
Q4	0.7	0.3	0.8
2017			
Q1	0.1	0.2	0.0
Q2	1.2	0.0	0.5
Q3	0.2	0.0	0.0
Q4	0.1	0.5	0.1
2018			
Q1	-0.1	0.3	0.5
Q2	0.2	0.0	0.1
Q3	0.3	0.0	0.0
Q4	0.2	-0.1	0.0
2019			
Q1	0.2	0.0	0.0
Q2	0.2	0.0	0.0
Q3	0.0	0.0	0.1
Q4	0.0	0.0	0.0
2020			
Q1	0.5	0.1	0.0
Q2	0.2	-0.1	-0.1
Q3	1.0	0.0	0.0
Q4	-0.2	0.0	0.0
2021			
Q1	0.4	0.0	0.1
Q2	0.0	0.0	0.0
Q3	0.0	0.0	0.0
Q4	0.2	0.1	0.0

**Jadual 2.1 : Indeks Harga Pengeluar Perkhidmatan Mengikut Bahagian (MSIC 2008), Malaysia
- Perubahan Peratus Suku Tahun ke Suku Tahun (samb.)**

Table 2.1 : Services Producer Price Index by Division (MSIC 2008), Malaysia
- Percentage Change Quarter-on-Quarter (cont'd)

(2010=100)				
Bahagian Division	Pendidikan Education	Kesihatan Health	Kesenian, Hiburan & Rekreasi Arts, Entertainment & Recreation	
	85	86	92	93
	Pendidikan Education	Aktiviti Kesihatan Kemanusiaan Human Health Activities	Aktiviti Perjudian & Pertaruhan Gambling & Betting Activities	Aktiviti Sukan & Aktiviti Hiburan & Rekreasi Sport Activities & Amusement & Recreation Activities
2015				
Q1	1.5	0.1	0.4	0.7
Q2	0.7	0.0	0.7	0.4
Q3	0.1	0.1	0.7	0.9
Q4	0.0	0.4	0.4	0.0
2016				
Q1	1.1	0.7	-0.8	0.3
Q2	0.2	0.1	-0.1	0.0
Q3	0.9	0.5	-0.9	0.1
Q4	0.1	0.3	-2.2	0.2
2017				
Q1	1.5	1.7	-0.2	0.6
Q2	0.4	0.3	0.5	0.3
Q3	0.4	0.1	-0.5	0.0
Q4	0.0	0.1	1.1	0.1
2018				
Q1	0.7	0.1	1.1	0.5
Q2	-0.1	0.1	0.0	0.2
Q3	0.4	0.2	0.5	0.0
Q4	0.4	0.0	0.5	-0.1
2019				
Q1	0.0	0.1	-0.4	0.0
Q2	0.1	0.0	0.6	0.1
Q3	0.2	0.0	-1.3	0.1
Q4	0.1	0.1	-0.1	0.0
2020				
Q1	0.3	0.1	0.0	0.0
Q2	0.3	1.0	-0.1	0.1
Q3	0.2	0.1	-1.4	-0.1
Q4	-0.1	0.1	-1.2	0.0
2021				
Q1	0.4	0.1	1.2	0.6
Q2	0.0	0.0	1.3	0.2
Q3	0.0	0.0	-0.3	0.4
Q4	0.1	0.1	-2.6	0.0

Jadual 2.2 : Indeks Harga Pengeluar Perkhidmatan Mengikut Bahagian (MSIC 2008), Malaysia
- Perubahan Peratus Tahun ke Tahun

Table 2.2 : Services Producer Price Index by Division (MSIC 2008), Malaysia
 - Percentage Change Year-on-Year

(2010=100)

Bahagian Division	Pengangkutan Transportation				
	49	50	51	52	53
	Pengangkutan Darat & Pengangkutan Melalui Saliran Paip Land Transport & Transport via Pipelines	Pengangkutan Air Water Transport	Pengangkutan Udara Air Transport	Penggudangan & Aktiviti Sokongan untuk Pengangkutan Warehousing & Support Activities for Transportation	Perkhidmatan Pos & Kurier Postal & Courier Activities
2015	1.2	0.1	1.0		1.2
2016	0.7	0.1	0.0		1.4
2017	0.3	-0.4	-1.2		2.1
2018	0.0	-0.1	1.1		-0.1
2019	0.1	0.3	0.4	0.0	2.1
2020	0.1	0.5	1.7	0.1	3.8
2021	1.2	1.0	-2.4	0.0	1.1
2015					
Q1	1.1	0.1	-0.7		1.3
Q2	1.6	0.1	-2.3		1.3
Q3	0.9	0.0	1.9		1.1
Q4	1.1	0.0	5.2		1.1
2016					
Q1	1.0	0.1	4.1		1.2
Q2	0.6	0.1	1.1		0.9
Q3	0.6	0.1	-1.4		0.7
Q4	0.5	0.1	-3.9		2.7
2017					
Q1	0.3	-0.4	-4.8		2.4
Q2	0.2	-0.4	-1.0		2.7
Q3	0.2	-0.4	0.2		2.7
Q4	0.4	-0.4	0.9		0.5
2018					
Q1	0.0	0.1	1.3		-0.1
Q2	0.0	0.1	1.9		-0.4
Q3	0.0	-0.2	0.7		0.2
Q4	-0.2	-0.3	0.3		0.0
2019					
Q1	0.2	0.3	1.0	0.1	0.7
Q2	0.2	0.0	1.0	0.0	0.5
Q3	0.1	0.3	0.0	0.0	3.4
Q4	0.1	0.6	-0.4	0.0	3.6
2020					
Q1	0.0	0.3	-0.6	0.0	3.4
Q2	0.0	0.6	0.3	0.1	5.9
Q3	0.2	0.6	5.2	0.1	3.0
Q4	0.2	0.4	1.9	0.1	3.1
2021					
Q1	1.2	1.0	-2.0	0.0	3.0
Q2	1.2	1.0	-2.7	-0.1	0.9
Q3	1.0	1.0	-5.3	0.0	0.3
Q4	1.2	1.1	0.8	0.0	0.3

Jadual 2.2 : Indeks Harga Pengeluar Perkhidmatan Mengikut Bahagian (MSIC 2008), Malaysia
- Perubahan Peratus Tahun ke Tahun (samb.)

Table 2.2 : Services Producer Price Index by Division (MSIC 2008), Malaysia
 - Percentage Change Year-on-Year (cont'd)

(2010=100)

Bahagian Division	Penginapan dan Aktiviti Perkhidmatan Makanan & Minuman Accommodation and Food & Beverage Service Activities		Maklumat & Komunikasi Information & Communication		
	55	56	61	62	63
	Penginapan Accommodation	Aktiviti Perkhidmatan Makanan & Minuman Food & Beverage Service Activities	Telekomunikasi Telecommunications	Pengaturcaraan Komputer, Perundingan & Aktiviti yang Berkaitan Computer programming, Consultancy & Related Activities	Aktiviti Perkhidmatan Maklumat Information Service Activities
2015	0.9	4.0	0.0	0.2	0.3
2016	0.1	3.8	0.0	0.5	0.8
2017	1.1	4.4	0.0	0.3	0.0
2018	-0.2	3.0	-0.4	0.7	-0.4
2019	0.3	2.6	0.1	0.1	0.0
2020	-0.3	1.7	-0.1	0.1	0.0
2021	0.4	1.5	-0.1	0.1	0.0
2015					
Q1	0.9	3.3	0.0	0.4	0.3
Q2	1.0	3.6	0.0	0.3	0.0
Q3	0.9	4.4	0.0	0.1	0.0
Q4	0.8	4.5	0.0	0.1	1.1
2016					
Q1	0.2	4.9	0.0	0.4	1.1
Q2	0.0	3.8	0.0	0.5	1.1
Q3	0.0	3.3	0.0	0.6	1.1
Q4	0.1	3.3	0.0	0.6	0.0
2017					
Q1	0.9	3.8	0.0	0.2	0.0
Q2	1.2	4.6	0.0	0.2	0.0
Q3	1.2	4.6	0.0	0.3	0.0
Q4	1.3	4.8	0.0	0.4	0.0
2018					
Q1	0.0	4.0	-0.4	0.9	-0.4
Q2	-0.4	3.1	-0.4	0.8	-0.4
Q3	-0.3	2.4	-0.5	0.7	-0.4
Q4	-0.3	2.6	-0.4	0.5	-0.4
2019					
Q1	0.4	2.8	0.0	0.1	0.0
Q2	0.5	2.6	0.1	0.1	0.0
Q3	0.3	2.8	0.2	0.1	0.0
Q4	0.0	2.1	0.1	0.2	0.0
2020					
Q1	-0.2	1.6	0.1	0.1	0.0
Q2	-0.4	1.5	-0.1	0.2	0.0
Q3	-0.3	1.8	-0.2	0.1	0.0
Q4	-0.3	1.7	-0.2	0.1	0.0
2021					
Q1	0.2	1.6	-0.1	0.1	0.0
Q2	0.4	1.7	-0.1	0.0	0.0
Q3	0.5	1.2	0.0	0.2	0.0
Q4	0.5	1.6	0.0	0.1	0.0

Jadual 2.2 : Indeks Harga Pengeluar Perkhidmatan Mengikut Bahagian (MSIC 2008), Malaysia
- Perubahan Peratus Tahun ke Tahun (samb.)

Table 2.2 : Services Producer Price Index by Division (MSIC 2008), Malaysia
 - Percentage Change Year-on-Year (cont'd)

(2010=100)			
Bahagian Division	Aktiviti Hartanah Real Estate Activities	Profesional Professional	
	68	69	71
	Aktiviti Hartanah Real Estate Activities	Aktiviti Guaman & Perakaunan Legal & Accounting Activities	Aktiviti Arkitek & Kejuruteraan; Ujian Teknikal & Analisis Architectural & Engineering Activities; Technical Testing & Analysis
2015	2.4	0.8	0.2
2016	1.6	1.3	0.2
2017	1.9	0.6	1.0
2018	0.8	0.6	0.8
2019	0.6	-0.1	0.1
2020	1.0	0.0	0.0
2021	0.9	0.0	0.1
2015			
Q1	2.0	0.6	0.1
Q2	2.0	0.5	0.2
Q3	2.8	0.3	0.2
Q4	2.9	1.7	0.2
2016			
Q1	1.4	1.7	0.1
Q2	2.0	1.7	0.0
Q3	1.3	1.7	0.0
Q4	1.8	0.4	0.8
2017			
Q1	1.6	0.6	0.8
Q2	2.2	0.6	1.3
Q3	2.2	0.5	1.3
Q4	1.6	0.7	0.6
2018			
Q1	1.4	0.8	1.1
Q2	0.4	0.8	0.7
Q3	0.6	0.8	0.7
Q4	0.7	0.2	0.6
2019			
Q1	0.9	-0.1	0.1
Q2	0.8	-0.1	0.0
Q3	0.5	-0.1	0.1
Q4	0.3	0.0	0.1
2020			
Q1	0.6	0.1	0.1
Q2	0.6	0.0	0.0
Q3	1.7	0.0	-0.1
Q4	1.5	0.0	-0.1
2021			
Q1	1.4	-0.1	0.0
Q2	1.3	0.0	0.1
Q3	0.2	0.0	0.1
Q4	0.6	0.1	0.1

Jadual 2.2 : Indeks Harga Pengeluar Perkhidmatan Mengikut Bahagian (MSIC 2008), Malaysia
- Perubahan Peratus Tahun ke Tahun (samb.)

Table 2.2 : Services Producer Price Index by Division (MSIC 2008), Malaysia
 - Percentage Change Year-on-Year (cont'd)

(2010=100)				
Bahagian Division	Pendidikan Education	Kesihatan Health	Kesenian, Hiburan & Rekreasi Arts, Entertainment & Recreation	
	85	86	92	93
	Pendidikan Education	Aktiviti Kesihatan Kemanusiaan Human Health Activities	Aktiviti Perjudian & Pertaruhan Gambling & Betting Activities	Aktiviti Sukan & Aktiviti Hiburan & Rekreasi Sport Activities & Amusement & Recreation Activities
2015	2.4	0.3	0.7	2.0
2016	2.0	1.4	-1.0	0.9
2017	2.5	2.4	-1.9	1.0
2018	1.3	0.5	2.2	0.7
2019	0.6	0.2	0.0	0.1
2020	0.7	1.0	-1.6	0.1
2021	0.5	0.5	-0.2	0.9
2015				
Q1	2.3	0.3	-1.1	1.8
Q2	2.7	0.2	0.3	2.1
Q3	2.3	0.3	1.5	2.3
Q4	2.3	0.6	2.2	2.0
2016				
Q1	1.9	1.2	1.0	1.6
Q2	1.4	1.3	0.2	1.2
Q3	2.2	1.7	-1.4	0.4
Q4	2.3	1.6	-3.9	0.6
2017				
Q1	2.7	2.5	-3.4	0.9
Q2	2.8	2.7	-2.8	1.1
Q3	2.4	2.3	-2.4	1.1
Q4	2.3	2.1	0.9	1.0
2018				
Q1	1.5	0.6	2.2	0.9
Q2	1.1	0.4	1.7	0.8
Q3	1.1	0.5	2.8	0.8
Q4	1.4	0.4	2.1	0.6
2019				
Q1	0.7	0.4	0.6	0.1
Q2	0.9	0.3	1.2	0.0
Q3	0.6	0.1	-0.6	0.1
Q4	0.4	0.2	-1.2	0.2
2020				
Q1	0.6	0.2	-0.8	0.2
Q2	0.8	1.2	-1.5	0.2
Q3	0.8	1.3	-1.6	0.0
Q4	0.6	1.3	-2.7	0.0
2021				
Q1	0.8	1.3	-1.5	0.6
Q2	0.5	0.3	-0.1	0.7
Q3	0.3	0.2	1.0	1.1
Q4	0.5	0.2	-0.4	1.1

Jadual 3.0 : Indeks Harga Pengeluar Perkhidmatan Mengikut Kumpulan (MSIC 2008), Malaysia

Table 3.0 : Services Producer Price Index by Group (MSIC 2008), Malaysia

(2010=100)

Kumpulan Group	Pengangkutan Transportation						
	492	501	511	512	522	531	532
	Pengangkutan Darat Lain Other Land Transport	Pengangkutan Air Laut & Pesisir Pantai Sea & Coastal Water Transport	Pengangkutan Penumpang Udara Passenger Air Transport	Pengangkutan Muatan Udara Freight Air Transport	Aktiviti Sokongan untuk Pengangkutan Support Activities for Transportation	Aktiviti Pos Postal Activities	Aktiviti Kurier Courier Activities
2015	106.4	100.4	99.8	113.6		104.2	108.3
2016	107.1	100.5	99.6	114.7		105.9	109.7
2017	107.4	100.1	98.2	114.7		111.1	110.4
2018	107.4	100.0	99.2	114.5	103.5	111.5	110.5
2019	107.5	100.3	99.7	114.5	103.5	116.7	110.8
2020	107.6	100.8	101.2	117.5	103.6	123.9	113.0
2021	108.9	101.8	98.4	118.6	103.6	124.8	114.7
2015							
Q1	105.9	100.4	99.0	112.5		104.2	107.7
Q2	106.5	100.4	97.5	113.4		104.2	108.2
Q3	106.6	100.4	100.0	113.8		104.2	108.6
Q4	106.7	100.4	102.8	114.7		104.2	108.8
2016							
Q1	107.0	100.5	103.4	114.7		104.2	109.7
Q2	107.1	100.5	98.5	114.7		104.2	109.7
Q3	107.2	100.5	98.3	114.7		104.2	109.7
Q4	107.2	100.5	98.1	114.7		111.1	109.7
2017							
Q1	107.3	100.1	97.6	114.7		111.1	110.1
Q2	107.3	100.1	97.4	114.7		111.1	110.5
Q3	107.4	100.1	98.5	114.7		111.1	110.5
Q4	107.6	100.1	99.1	114.7		111.1	110.5
2018							
Q1	107.3	100.2	99.0	114.5	103.4	110.9	110.5
Q2	107.3	100.2	99.4	114.5	103.5	110.9	110.5
Q3	107.4	99.9	99.2	114.5	103.5	112.0	110.7
Q4	107.4	99.8	99.3	114.5	103.5	112.0	110.4
2019							
Q1	107.5	100.5	100.1	114.5	103.5	112.4	110.7
Q2	107.5	100.2	100.5	114.5	103.5	112.0	110.7
Q3	107.5	100.2	99.2	114.5	103.5	121.1	110.8
Q4	107.5	100.4	98.8	114.5	103.5	121.1	110.8
2020							
Q1	107.5	100.8	99.4	114.5	103.5	121.0	111.2
Q2	107.5	100.8	100.4	118.4	103.6	124.8	112.8
Q3	107.7	100.8	104.5	118.6	103.6	124.8	113.9
Q4	107.7	100.8	100.5	118.6	103.6	124.8	114.2
2021							
Q1	108.8	101.8	96.8	118.6	103.5	124.8	114.5
Q2	108.8	101.8	97.3	118.6	103.5	124.8	114.6
Q3	108.8	101.8	98.3	118.6	103.6	124.8	114.7
Q4	109.0	101.9	101.3	118.6	103.6	124.8	114.8

Jadual 3.0 : Indeks Harga Pengeluar Perkhidmatan Mengikut Kumpulan (MSIC 2008), Malaysia (samb.)
Table 3.0 : Services Producer Price Index by Group (MSIC 2008), Malaysia (cont'd.)
(2010=100)

Kumpulan Group	Penginapan dan Aktiviti Perkhidmatan Makanan & Minuman <i>Accommodation and Food & Beverage Service Activities</i>				Maklumat & Komunikasi <i>Information & Communication</i>	
	551	561	562	563	611	612
	Aktiviti Penginapan Jangka Masa Pendek <i>Short-term Accommodation Activities</i>	Restoran & Aktiviti Perkhidmatan Makanan Bergerak <i>Restaurants & Mobile Food Service Activities</i>	Katering & Aktiviti Perkhidmatan Makanan Lain <i>Event Catering & Other Food Service Activities</i>	Aktiviti Perkhidmatan Minuman <i>Beverage Serving Activities</i>	Aktiviti Telekomunikasi Berwayar <i>Wired Telecommunication Activities</i>	Aktiviti Telekomunikasi Tanpa Wayar <i>Wireless Telecommunication Activities</i>
2015	101.8	121.1	115.0	122.6	99.2	101.0
2016	101.9	125.8	118.3	126.5	99.2	101.0
2017	103.0	131.6	120.1	130.1	99.2	101.1
2018	102.8	136.0	120.7	133.4	99.0	101.0
2019	103.1	139.8	121.0	135.1	99.0	101.1
2020	102.8	142.2	121.4	136.6	99.0	101.0
2021	103.2	144.6	121.4	137.6	99.0	100.9
2015						
Q1	101.6	118.7	113.3	119.5	99.2	101.0
Q2	101.8	120.5	114.4	122.5	99.2	101.0
Q3	101.8	122.1	115.5	123.6	99.2	101.0
Q4	101.9	123.0	116.8	124.6	99.2	101.0
2016						
Q1	101.8	124.4	117.8	125.5	99.2	101.0
Q2	101.8	125.2	118.2	126.2	99.2	101.0
Q3	101.8	126.2	118.4	126.8	99.2	101.0
Q4	102.0	127.2	118.9	127.3	99.2	101.0
2017						
Q1	102.7	129.4	119.5	128.6	99.2	101.1
Q2	103.0	131.2	120.0	129.6	99.2	101.1
Q3	103.0	132.3	120.4	130.6	99.2	101.1
Q4	103.3	133.5	120.6	131.5	99.2	101.1
2018						
Q1	102.7	134.9	120.7	132.8	99.0	101.0
Q2	102.6	135.6	120.7	133.4	99.0	101.0
Q3	102.7	135.8	120.6	133.4	99.0	101.0
Q4	103.0	137.5	120.8	133.9	99.0	101.0
2019						
Q1	103.1	138.9	120.9	134.4	99.0	100.9
Q2	103.1	139.5	121.0	134.8	99.0	101.1
Q3	103.0	140.0	120.9	135.3	99.0	101.1
Q4	103.0	140.6	121.1	135.7	99.0	101.1
2020						
Q1	102.9	141.2	121.3	136.2	99.0	101.1
Q2	102.7	141.6	121.4	136.4	99.0	101.0
Q3	102.7	142.6	121.4	136.7	99.0	100.9
Q4	102.7	143.2	121.3	137.0	99.0	100.9
2021						
Q1	103.1	143.7	121.4	137.2	99.0	101.0
Q2	103.1	144.3	121.4	137.4	99.0	100.9
Q3	103.2	144.6	121.4	137.5	99.0	100.9
Q4	103.2	145.8	121.4	138.1	99.0	100.9

Jadual 3.0 : Indeks Harga Pengeluar Perkhidmatan Mengikut Kumpulan (MSIC 2008), Malaysia (samb.)

Table 3.0 : Services Producer Price Index by Group (MSIC 2008), Malaysia (cont'd.)

(2010=100)

Kumpulan Group	Maklumat & Komunikasi Information & Communication		Aktiviti Hartanah Real Estate Activities		Professional Professional	
	620	631	682	691	692	711
	Pengaturcaraan Komputer, Perundingan & Aktiviti Berkaitan Computer Programming, Consultancy & Related Activities	Aktiviti Prosesan Data, Hosting & Aktiviti Lain Yang Berkaitan; Web Portal Data Processing, Hosting & Related Activities; Web Portals	Aktiviti Hartanah Atas Dasar Bayaran atau Kontrak Real Estate Activities on a Fee or Contract Basis	Aktiviti Guaman Legal Activities	Aktiviti Perakaunan, Simpan Kira & Audit; Perundingan Percukaian Accounting, Bookkeeping & Auditing Activities; Tax Consultancy	Aktiviti Arkitek & Kejuruteraan; Perundingan Teknikal Yang Berkaitan Architectural & Engineering Activities; Related Technical Consultancy
2015	101.6	100.6	118.3	101.0	104.8	100.4
2016	102.1	101.4	120.2	102.7	105.5	100.6
2017	102.4	101.4	122.5	103.3	106.1	101.6
2018	103.1	101.0	123.4	104.2	106.6	102.4
2019	103.3	101.0	124.2	104.2	106.7	102.5
2020	103.4	101.0	125.4	104.1	106.7	102.4
2021	103.5	101.0	126.7	104.2	106.7	102.5
2015						
Q1	101.6	100.3	117.7	100.4	104.6	100.3
Q2	101.6	100.3	117.7	100.4	104.6	100.4
Q3	101.6	100.3	118.7	100.4	104.8	100.4
Q4	101.6	101.4	119.0	102.6	105.2	100.4
2016						
Q1	102.0	101.4	119.3	102.6	105.2	100.4
Q2	102.1	101.4	120.1	102.6	105.4	100.4
Q3	102.2	101.4	120.3	102.6	105.6	100.4
Q4	102.2	101.4	121.1	103.1	105.6	101.2
2017						
Q1	102.2	101.4	121.2	103.1	106.1	101.2
Q2	102.3	101.4	122.7	103.1	106.1	101.7
Q3	102.5	101.4	122.9	103.1	106.1	101.7
Q4	102.6	101.4	123.0	103.9	106.2	101.8
2018						
Q1	103.1	101.0	122.9	104.2	106.6	102.3
Q2	103.1	101.0	123.2	104.2	106.6	102.4
Q3	103.2	101.0	123.6	104.2	106.6	102.4
Q4	103.1	101.0	123.8	104.2	106.6	102.4
2019						
Q1	103.2	101.0	124.0	104.2	106.7	102.4
Q2	103.2	101.0	124.2	104.2	106.7	102.4
Q3	103.3	101.0	124.2	104.2	106.7	102.5
Q4	103.3	101.0	124.2	104.1	106.7	102.5
2020						
Q1	103.3	101.0	124.8	104.1	106.7	102.5
Q2	103.4	101.0	125.0	104.1	106.7	102.4
Q3	103.4	101.0	126.3	104.1	106.7	102.4
Q4	103.4	101.0	126.1	104.1	106.7	102.4
2021						
Q1	103.4	101.0	126.6	104.1	106.7	102.5
Q2	103.4	101.0	126.6	104.1	106.7	102.5
Q3	103.6	101.0	126.6	104.1	106.7	102.5
Q4	103.5	101.0	126.9	104.3	106.7	102.5

Jadual 3.0 : Indeks Harga Pengeluar Perkhidmatan Mengikut Kumpulan (MSIC 2008), Malaysia (samb.)

Table 3.0 : Services Producer Price Index by Group (MSIC 2008), Malaysia (cont'd.)

(2010=100)										
Kumpulan Group	Pendidikan Education				Kesihatan Health		Kesenian, Hiburan & Rekreasi Arts, Entertainment & Recreation			
	851	852	853	854	861	862	869	920	931	932
	Pendidikan Pra-Sekolah & Rendah Pre-Primary & Primary Education	Pendidikan Menengah Secondary Education	Pendidikan Tinggi Higher Education	Pendidikan Lain Other Education	Aktiviti Hospital Hospital Activities	Aktiviti Amalan Perubatan & Pergigian Medical & Dental Practice Activities	Aktiviti Kesihatan Kemanusiaan Lain Other Human Health Activities	Aktiviti Perjudian & Pertaruhan Gambling & Betting Activities	Aktiviti Sukan Sports Activities	Aktiviti Hiburan & Rekreasi Lain Other Amusement & Recreation Activities
2015	114.7	112.0	106.0	105.7	100.6	101.6	101.2	101.4	104.0	103.3
2016	118.2	116.5	107.7	106.6	101.4	104.3	102.1	100.3	104.7	104.5
2017	120.7	123.5	110.1	108.4	104.1	106.2	104.9	98.4	105.7	105.7
2018	122.3	127.3	111.2	109.8	104.8	107.3	105.9	100.6	105.5	106.5
2019	124.8	130.3	111.3	110.9	105.1	107.5	106.0	100.6	105.5	106.8
2020	125.0	135.6	111.6	110.9	106.4	108.4	106.0	98.9	105.7	106.8
2021	126.9	137.2	111.9	111.6	106.9	109.0	105.7	98.7	106.8	107.5
2015										
Q1	113.6	111.2	105.5	105.5	100.5	101.3	100.9	100.4	103.7	102.0
Q2	115.1	111.8	106.1	105.7	100.5	101.4	101.1	101.1	104.2	102.2
Q3	115.1	112.5	106.1	105.7	100.5	101.4	101.2	101.8	104.1	104.4
Q4	115.1	112.5	106.1	105.7	100.7	102.3	101.4	102.2	104.1	104.4
2016										
Q1	117.9	114.5	107.0	106.6	101.0	104.0	101.5	101.4	104.6	104.4
Q2	117.9	114.6	107.4	106.6	101.0	104.2	101.9	101.3	104.6	104.4
Q3	118.5	118.5	108.2	106.6	101.6	104.3	102.2	100.4	104.7	104.5
Q4	118.5	118.5	108.3	106.6	101.8	104.7	102.8	98.2	104.9	104.7
2017										
Q1	120.7	121.2	109.6	108.4	104.0	105.7	104.6	98.0	105.4	105.4
Q2	120.7	121.2	110.2	108.4	104.1	106.2	104.7	98.5	105.7	105.7
Q3	120.7	125.7	110.3	108.4	104.2	106.4	105.0	98.0	105.7	105.8
Q4	120.7	125.7	110.3	108.4	104.2	106.5	105.4	99.1	105.8	105.9
2018										
Q1	122.3	127.3	110.8	109.8	104.7	107.0	105.8	100.2	105.5	106.3
Q2	122.3	127.3	110.6	109.8	104.7	107.2	105.8	100.2	105.6	106.7
Q3	122.3	127.3	111.5	109.8	104.9	107.4	105.9	100.7	105.5	106.6
Q4	122.3	127.3	112.0	109.8	104.9	107.4	105.9	101.2	105.5	106.5
2019										
Q1	124.8	128.8	111.2	110.9	105.0	107.5	105.9	100.8	105.4	106.6
Q2	124.8	128.8	111.3	110.9	105.0	107.5	105.9	101.4	105.5	106.8
Q3	124.8	131.8	111.3	110.9	105.1	107.5	106.0	100.1	105.6	106.9
Q4	124.8	131.8	111.3	110.9	105.1	107.5	106.0	100.0	105.5	106.8
2020										
Q1	125.0	134.9	111.3	110.9	105.3	107.6	106.1	100.0	105.5	107.0
Q2	125.0	134.9	111.7	110.9	106.7	108.5	106.4	99.9	105.7	106.8
Q3	125.0	136.3	111.8	110.9	106.7	108.8	105.8	98.5	105.8	106.7
Q4	125.0	136.3	111.7	110.9	106.7	108.8	105.7	97.3	105.9	106.5
2021										
Q1	126.9	137.0	111.9	111.6	106.9	108.9	105.8	98.5	106.7	106.8
Q2	126.9	137.0	111.9	111.6	106.9	109.0	105.7	99.8	106.7	107.3
Q3	126.9	137.4	111.8	111.6	106.9	109.0	105.6	99.5	106.8	107.9
Q4	126.9	137.4	112.0	111.6	107.0	109.2	105.6	96.9	106.9	107.9

Jadual 3.1 : Indeks Harga Pengeluar Perkhidmatan Mengikut Kumpulan (MSIC 2008), Malaysia
- Perubahan Peratus dari Suku Tahun ke Suku Tahun

Table 3.1 : Services Producer Price Index by Group (MSIC 2008), Malaysia
 - Percentage Change Quarter-on-Quarter

(2010=100)

Kumpulan Group	Pengangkutan Transportation						
	492	501	511	512	522	531	532
	Pengangkutan Darat Lain Other Land Transport	Pengangkutan Air Laut & Pesisir Pantai Sea & Coastal Water Transport	Pengangkutan Penumpang Udara Passenger Air Transport	Pengangkutan Muatan Udara Freight Air Transport	Aktiviti Sokongan untuk Pengangkutan Support Activities for Transportation	Aktiviti Pos Postal Activities	Aktiviti Kurier Courier Activities
2015							
Q1	0.4	0.0	1.5	2.6		0.0	0.7
Q2	0.6	0.0	-1.5	0.8		0.0	0.5
Q3	0.1	0.0	2.6	0.4		0.0	0.4
Q4	0.1	0.0	2.8	0.8		0.0	0.2
2016							
Q1	0.3	0.1	0.6	0.0		0.0	0.8
Q2	0.1	0.0	-4.7	0.0		0.0	0.0
Q3	0.1	0.0	-0.2	0.0		0.0	0.0
Q4	0.0	0.0	-0.2	0.0		6.6	0.0
2017							
Q1	0.1	-0.4	-0.5	0.0		0.0	0.4
Q2	0.0	0.0	-0.2	0.0		0.0	0.4
Q3	0.1	0.0	1.1	0.0		0.0	0.0
Q4	0.2	0.0	0.6	0.0		0.0	0.0
2018							
Q1	-0.3	0.1	-0.1	-0.2		-0.2	0.0
Q2	0.0	0.0	0.4	0.0	0.1	0.0	0.0
Q3	0.1	-0.3	-0.2	0.0	0.0	1.0	0.2
Q4	0.0	-0.1	0.1	0.0	0.0	0.0	-0.3
2019							
Q1	0.1	0.7	0.8	0.0	0.0	0.4	0.3
Q2	0.0	-0.3	0.4	0.0	0.0	-0.4	0.0
Q3	0.0	0.0	-1.3	0.0	0.0	8.1	0.1
Q4	0.0	0.2	-0.4	0.0	0.0	0.0	0.0
2020							
Q1	0.0	0.4	0.6	0.0	0.0	-0.1	0.4
Q2	0.0	0.0	1.0	3.4	0.1	3.1	1.4
Q3	0.2	0.0	4.1	0.2	0.0	0.0	1.0
Q4	0.0	0.0	-3.8	0.0	0.0	0.0	0.3
2021							
Q1	1.0	1.0	-3.7	0.0	-0.1	0.0	0.3
Q2	0.0	0.0	0.5	0.0	0.0	0.0	0.1
Q3	0.0	0.0	1.0	0.0	0.1	0.0	0.1
Q4	0.2	0.1	3.1	0.0	0.0	0.0	0.1

Jadual 3.1 : Indeks Harga Pengeluar Perkhidmatan Mengikut Kumpulan (MSIC 2008), Malaysia
- Perubahan Peratus dari Suku Tahun ke Suku Tahun (samb.)

Table 3.1 : Services Producer Price Index by Group (MSIC 2008), Malaysia
 - Percentage Change Quarter-on-Quarter (cont'd)

							(2010=100)
Kumpulan Group	Penginapan dan Aktiviti Perkhidmatan Makanan & Minuman Accommodation and Food & Beverage Service Activities				Maklumat & Komunikasi Information & Communication		
	551	561	562	563	611	612	
	Aktiviti Penginapan Jangka Masa Pendek Short-term Accommodation Activities	Restoran & Aktiviti Perkhidmatan Makanan Bergerak Restaurants & Mobile Food Service Activities	Katering & Aktiviti Perkhidmatan Makanan Lain Event Catering & Other Food Service Activities	Aktiviti Perkhidmatan Minuman Beverage Serving Activities	Aktiviti Telekomunikasi Berwayar Wired Telecommunication Activities	Aktiviti Telekomunikasi Tanpa Wayar Wireless Telecommunication Activities	
2015							
Q1	0.5	0.8	0.4	0.8	0.0	0.0	
Q2	0.2	1.5	1.0	2.5	0.0	0.0	
Q3	0.0	1.3	1.0	0.9	0.0	0.0	
Q4	0.1	0.7	1.1	0.8	0.0	0.0	
2016							
Q1	-0.1	1.1	0.9	0.7	0.0	0.0	
Q2	0.0	0.6	0.3	0.6	0.0	0.0	
Q3	0.0	0.8	0.2	0.5	0.0	0.0	
Q4	0.2	0.8	0.4	0.4	0.0	0.0	
2017							
Q1	0.7	1.7	0.5	1.0	0.0	0.1	
Q2	0.3	1.4	0.4	0.8	0.0	0.0	
Q3	0.0	0.8	0.3	0.8	0.0	0.0	
Q4	0.3	0.9	0.2	0.7	0.0	0.0	
2018							
Q1	-0.6	1.0	0.1	1.0	-0.2	-0.1	
Q2	-0.1	0.5	0.0	0.5	0.0	0.0	
Q3	0.1	0.1	-0.1	0.0	0.0	0.0	
Q4	0.3	1.3	0.2	0.4	0.0	0.0	
2019							
Q1	0.1	1.0	0.1	0.4	0.0	-0.1	
Q2	0.0	0.4	0.1	0.3	0.0	0.2	
Q3	-0.1	0.4	-0.1	0.4	0.0	0.0	
Q4	0.0	0.4	0.2	0.3	0.0	0.0	
2020							
Q1	-0.1	0.4	0.2	0.4	0.0	0.0	
Q2	-0.2	0.3	0.1	0.1	0.0	-0.1	
Q3	0.0	0.7	0.0	0.2	0.0	-0.1	
Q4	0.0	0.4	-0.1	0.2	0.0	0.0	
2021							
Q1	0.4	0.3	0.1	0.1	0.0	0.1	
Q2	0.0	0.4	0.0	0.1	0.0	-0.1	
Q3	0.1	0.2	0.0	0.1	0.0	0.0	
Q4	0.0	0.8	0.0	0.4	0.0	0.0	

Jadual 3.1 : Indeks Harga Pengeluar Perkhidmatan Mengikut Kumpulan (MSIC 2008), Malaysia
- Perubahan Peratus dari Suku Tahun ke Suku Tahun (samb.)

Table 3.1 : Services Producer Price Index by Group (MSIC 2008), Malaysia
 - Percentage Change Quarter-on-Quarter (cont'd)

							(2010=100)
Kumpulan Group	Maklumat & Komunikasi Information & Communication		Aktiviti Hartanah Real Estate Activities		Profesional Professional		
	620	631	682	691	692	711	
	Pengaturcaraan Komputer, Perundingan & Aktiviti Berkaitan Computer Programming, Consultancy & Related Activities	Aktiviti Prosesan Data, Hosting & Aktiviti Lain Yang Berkaitan; Web Portal Data Processing, Hosting & Related Activities; Web Portals	Aktiviti Hartanah Atas Dasar Bayaran atau Kontrak Real Estate Activities on a Fee or Contract Basis	Aktiviti Guaman Legal Activities	Aktiviti Perakaunan, Simpan Kira & Audit; Perundingan Percukaian Accounting, Bookkeeping & Auditing Activities; Tax Consultancy	Aktiviti Arkitek & Kejuruteraan; Perundingan Teknikal Yang Berkaitan Architectural & Engineering Activities; Related Technical Consultancy	
2015							
Q1	0.1	0.0	1.8	0.0	0.1	0.1	
Q2	0.0	0.0	0.0	0.0	0.0	0.1	
Q3	0.0	0.0	0.8	0.0	0.2	0.0	
Q4	0.0	1.1	0.3	2.2	0.4	0.0	
2016							
Q1	0.4	0.0	0.3	0.0	0.0	0.0	
Q2	0.1	0.0	0.7	0.0	0.2	0.0	
Q3	0.1	0.0	0.2	0.0	0.2	0.0	
Q4	0.0	0.0	0.7	0.5	0.0	0.8	
2017							
Q1	0.0	0.0	0.1	0.0	0.5	0.0	
Q2	0.1	0.0	1.2	0.0	0.0	0.5	
Q3	0.2	0.0	0.2	0.0	0.0	0.0	
Q4	0.1	0.0	0.1	0.8	0.1	0.1	
2018							
Q1	0.5	-0.4	-0.1	0.3	0.4	0.5	
Q2	0.0	0.0	0.2	0.0	0.0	0.1	
Q3	0.1	0.0	0.3	0.0	0.0	0.0	
Q4	-0.1	0.0	0.2	0.0	0.0	0.0	
2019							
Q1	0.1	0.0	0.2	0.0	0.1	0.0	
Q2	0.0	0.0	0.2	0.0	0.0	0.0	
Q3	0.1	0.0	0.0	0.0	0.0	0.1	
Q4	0.0	0.0	0.0	-0.1	0.0	0.0	
2020							
Q1	0.0	0.0	0.5	0.0	0.0	0.0	
Q2	0.1	0.0	0.2	0.0	0.0	-0.1	
Q3	0.0	0.0	1.0	0.0	0.0	0.0	
Q4	0.0	0.0	-0.2	0.0	0.0	0.0	
2021							
Q1	0.0	0.0	0.4	0.0	0.0	0.1	
Q2	0.0	0.0	0.0	0.0	0.0	0.0	
Q3	0.2	0.0	0.0	0.0	0.0	0.0	
Q4	-0.1	0.0	0.2	0.2	0.0	0.0	

Jadual 3.1 : Indeks Harga Pengeluar Perkhidmatan Mengikut Kumpulan (MSIC 2008), Malaysia
- Perubahan Peratus dari Suku Tahun ke Suku Tahun (samb.)

Table 3.1 : Services Producer Price Index by Group (MSIC 2008), Malaysia
 - Percentage Change Quarter-on-Quarter (cont'd)

Kumpulan Group	(2010=100)									
	Pendidikan Education				Kesihatan Health			Kesenian, Hiburan & Rekreasi Arts, Entertainment & Recreation		
	851	852	853	854	861	862	869	920	931	932
	Pendidikan Pra-Sekolah & Rendah Pre-Primary & Primary Education	Pendidikan Menengah Secondary Education	Pendidikan Tinggi Higher Education	Pendidikan Lain Other Education	Aktiviti Hospital Hospital Activities	Aktiviti Amalan Perubatan & Pergigian Medical & Dental Practice Activities	Aktiviti Kesihatan Kemanusiaan Lain Other Human Health Activities	Aktiviti Perjudian & Pertaruhan Gambling & Betting Activities	Aktiviti Sukan Sports Activities	Aktiviti Hiburan & Rekreasi Lain Other Amusement & Recreation Activities
2015										
Q1	3.6	2.8	1.1	1.1	0.0	0.4	0.5	0.4	0.8	0.7
Q2	1.3	0.5	0.6	0.2	0.0	0.1	0.2	0.7	0.5	0.2
Q3	0.0	0.6	0.0	0.0	0.0	0.0	0.1	0.7	-0.1	2.2
Q4	0.0	0.0	0.0	0.0	0.2	0.9	0.2	0.4	0.0	0.0
2016										
Q1	2.4	1.8	0.8	0.9	0.3	1.7	0.1	-0.8	0.5	0.0
Q2	0.0	0.1	0.4	0.0	0.0	0.2	0.4	-0.1	0.0	0.0
Q3	0.5	3.4	0.7	0.0	0.6	0.1	0.3	-0.9	0.1	0.1
Q4	0.0	0.0	0.1	0.0	0.2	0.4	0.6	-2.2	0.2	0.2
2017										
Q1	1.9	2.3	1.2	1.7	2.2	1.0	1.8	-0.2	0.5	0.7
Q2	0.0	0.0	0.5	0.0	0.1	0.5	0.1	0.5	0.3	0.3
Q3	0.0	3.7	0.1	0.0	0.1	0.2	0.3	-0.5	0.0	0.1
Q4	0.0	0.0	0.0	0.0	0.0	0.1	0.4	1.1	0.1	0.1
2018										
Q1	1.3	1.3	0.5	1.3	0.5	0.5	0.4	1.1	-0.3	0.4
Q2	0.0	0.0	-0.2	0.0	0.0	0.2	0.0	0.0	0.1	0.4
Q3	0.0	0.0	0.8	0.0	0.2	0.2	0.1	0.5	-0.1	-0.1
Q4	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.5	0.0	-0.1
2019										
Q1	2.0	1.2	-0.7	1.0	0.1	0.1	0.0	-0.4	-0.1	0.1
Q2	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.6	0.1	0.2
Q3	0.0	2.3	0.0	0.0	0.1	0.0	0.1	-1.3	0.1	0.1
Q4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1
2020										
Q1	0.2	2.4	0.0	0.0	0.2	0.1	0.1	0.0	0.0	0.2
Q2	0.0	0.0	0.4	0.0	1.3	0.8	0.3	-0.1	0.2	-0.2
Q3	0.0	1.0	0.1	0.0	0.0	0.3	-0.6	-1.4	0.1	-0.1
Q4	0.0	0.0	-0.1	0.0	0.0	0.0	-0.1	-1.2	0.1	-0.2
2021										
Q1	1.5	0.5	0.2	0.6	0.2	0.1	0.1	1.2	0.8	0.3
Q2	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	1.3	0.0	0.5
Q3	0.0	0.3	-0.1	0.0	0.0	0.0	-0.1	-0.3	0.1	0.6
Q4	0.0	0.0	0.2	0.0	0.1	0.2	0.0	-2.6	0.1	0.0

Jadual 3.2 : Indeks Harga Pengeluar Perkhidmatan Mengikut Kumpulan (MSIC 2008), Malaysia
- Perubahan Peratus dari Tahun ke Tahun

Table 3.2 : Services Producer Price Index by Group (MSIC 2008), Malaysia
 - Percentage Change Year-on-Year

(2010=100)

Kumpulan Group	Pengangkutan Transportation						
	492	501	511	512	522	531	532
	Pengangkutan Darat Lain Other Land Transport	Pengangkutan Air Laut & Pesisir Pantai Sea & Coastal Water Transport	Pengangkutan Penumpang Udara Passenger Air Transport	Pengangkutan Muatan Udara Freight Air Transport	Aktiviti Sokongan untuk Pengangkutan Support Activities for Transportation	Aktiviti Pos Postal Activities	Aktiviti Kurier Courier Activities
2015	1.2	0.1	0.6	3.9		0.0	1.9
2016	0.7	0.1	-0.2	1.0		1.7	1.3
2017	0.3	-0.4	-1.4	0.0		5.0	0.6
2018	0.0	-0.1	1.1	-0.2		0.3	0.1
2019	0.1	0.3	0.4	0.0	0.0	4.6	0.2
2020	0.1	0.5	1.6	2.6	0.1	6.2	2.1
2021	1.2	1.0	-2.8	0.9	0.0	0.7	1.5
2015							
Q1	1.1	0.1	-1.3	3.1		0.0	2.0
Q2	1.6	0.1	-3.2	3.9		0.0	2.1
Q3	0.9	0.0	1.5	3.8		0.0	1.8
Q4	1.1	0.0	5.4	4.7		0.0	1.7
2016							
Q1	1.0	0.1	4.4	2.0		0.0	1.9
Q2	0.6	0.1	1.0	1.1		0.0	1.4
Q3	0.6	0.1	-1.7	0.8		0.0	1.0
Q4	0.5	0.1	-4.6	0.0		6.6	0.8
2017							
Q1	0.3	-0.4	-5.6	0.0		6.6	0.4
Q2	0.2	-0.4	-1.1	0.0		6.6	0.7
Q3	0.2	-0.4	0.2	0.0		6.6	0.7
Q4	0.4	-0.4	1.0	0.0		0.0	0.7
2018							
Q1	0.0	0.1	1.4	-0.2		-0.2	0.4
Q2	0.0	0.1	2.1	-0.2		-0.2	0.0
Q3	0.0	-0.2	0.7	-0.2		0.8	0.2
Q4	-0.2	-0.3	0.2	-0.2		0.8	-0.1
2019							
Q1	0.2	0.3	1.1	0.0	0.1	1.4	0.2
Q2	0.2	0.0	1.1	0.0	0.0	1.0	0.2
Q3	0.1	0.3	0.0	0.0	0.0	8.1	0.1
Q4	0.1	0.6	-0.5	0.0	0.0	8.1	0.4
2020							
Q1	0.0	0.3	-0.7	0.0	0.0	7.7	0.5
Q2	0.0	0.6	-0.1	3.4	0.1	11.4	1.9
Q3	0.2	0.6	5.3	3.6	0.1	3.1	2.8
Q4	0.2	0.4	1.7	3.6	0.1	3.1	3.1
2021							
Q1	1.2	1.0	-2.6	3.6	0.0	3.1	3.0
Q2	1.2	1.0	-3.1	0.2	-0.1	0.0	1.6
Q3	1.0	1.0	-5.9	0.0	0.0	0.0	0.7
Q4	1.2	1.1	0.8	0.0	0.0	0.0	0.5

**Jadual 3.2 : Indeks Harga Pengeluar Perkhidmatan Mengikut Kumpulan (MSIC 2008), Malaysia
- Perubahan Peratus dari Tahun ke Tahun (samb.)**

Table 3.2 : Services Producer Price Index by Group (MSIC 2008), Malaysia
- Percentage Change Year-on-Year (cont'd.)

						(2010=100)
Kumpulan Group	Penginapan dan Aktiviti Perkhidmatan Makanan & Minuman Accommodation and Food & Beverage Service Activities				Maklumat & Komunikasi Information & Communication	
	551	561	562	563	611	612
	Aktiviti Penginapan Jangka Masa Pendek Short-term Accommodation Activities	Restoran & Aktiviti Perkhidmatan Makanan Bergerak Restaurants & Mobile Food Service Activities	Katering & Aktiviti Perkhidmatan Makanan Lain Event Catering & Other Food Service Activities	Aktiviti Perkhidmatan Minuman Beverage Serving Activities	Aktiviti Telekomunikasi Berwayar Wired Telecommunication Activities	Aktiviti Telekomunikasi Tanpa Wayar Wireless Telecommunication Activities
2015	0.9	4.0	3.0	4.4	0.0	0.0
2016	0.1	3.9	2.9	3.2	0.0	0.0
2017	1.1	4.6	1.5	2.9	0.0	0.1
2018	-0.2	3.3	0.5	2.5	-0.2	-0.1
2019	0.3	2.8	0.2	1.3	0.0	0.0
2020	-0.3	1.7	0.3	1.1	0.0	-0.1
2021	0.4	1.7	0.0	0.7	0.0	-0.1
2015						
Q1	0.9	3.4	2.8	3.3	0.0	0.0
Q2	1.0	3.6	2.6	4.6	0.0	0.0
Q3	0.9	4.4	3.1	4.7	0.0	0.0
Q4	0.8	4.5	3.5	5.1	0.0	0.0
2016						
Q1	0.2	4.8	4.0	5.0	0.0	0.0
Q2	0.0	3.9	3.3	3.0	0.0	0.0
Q3	0.0	3.4	2.5	2.6	0.0	0.0
Q4	0.1	3.4	1.8	2.2	0.0	0.0
2017						
Q1	0.9	4.0	1.4	2.5	0.0	0.1
Q2	1.2	4.8	1.5	2.7	0.0	0.1
Q3	1.2	4.8	1.7	3.0	0.0	0.1
Q4	1.3	5.0	1.4	3.3	0.0	0.1
2018						
Q1	0.0	4.3	1.0	3.3	-0.2	-0.1
Q2	-0.4	3.4	0.6	2.9	-0.2	-0.1
Q3	-0.3	2.6	0.2	2.1	-0.2	-0.1
Q4	-0.3	3.0	0.2	1.8	-0.2	-0.1
2019						
Q1	0.4	3.0	0.2	1.2	0.0	-0.1
Q2	0.5	2.9	0.2	1.0	0.0	0.1
Q3	0.3	3.1	0.2	1.4	0.0	0.1
Q4	0.0	2.3	0.2	1.3	0.0	0.1
2020						
Q1	-0.2	1.7	0.3	1.3	0.0	0.2
Q2	-0.4	1.5	0.3	1.2	0.0	-0.1
Q3	-0.3	1.9	0.4	1.0	0.0	-0.2
Q4	-0.3	1.8	0.2	1.0	0.0	-0.2
2021						
Q1	0.2	1.8	0.1	0.7	0.0	-0.1
Q2	0.4	1.9	0.0	0.7	0.0	-0.1
Q3	0.5	1.4	0.0	0.6	0.0	0.0
Q4	0.5	1.8	0.1	0.8	0.0	0.0

**Jadual 3.2 : Indeks Harga Pengeluar Perkhidmatan Mengikut Kumpulan (MSIC 2008), Malaysia
- Perubahan Peratus dari Tahun ke Tahun (samb.)**

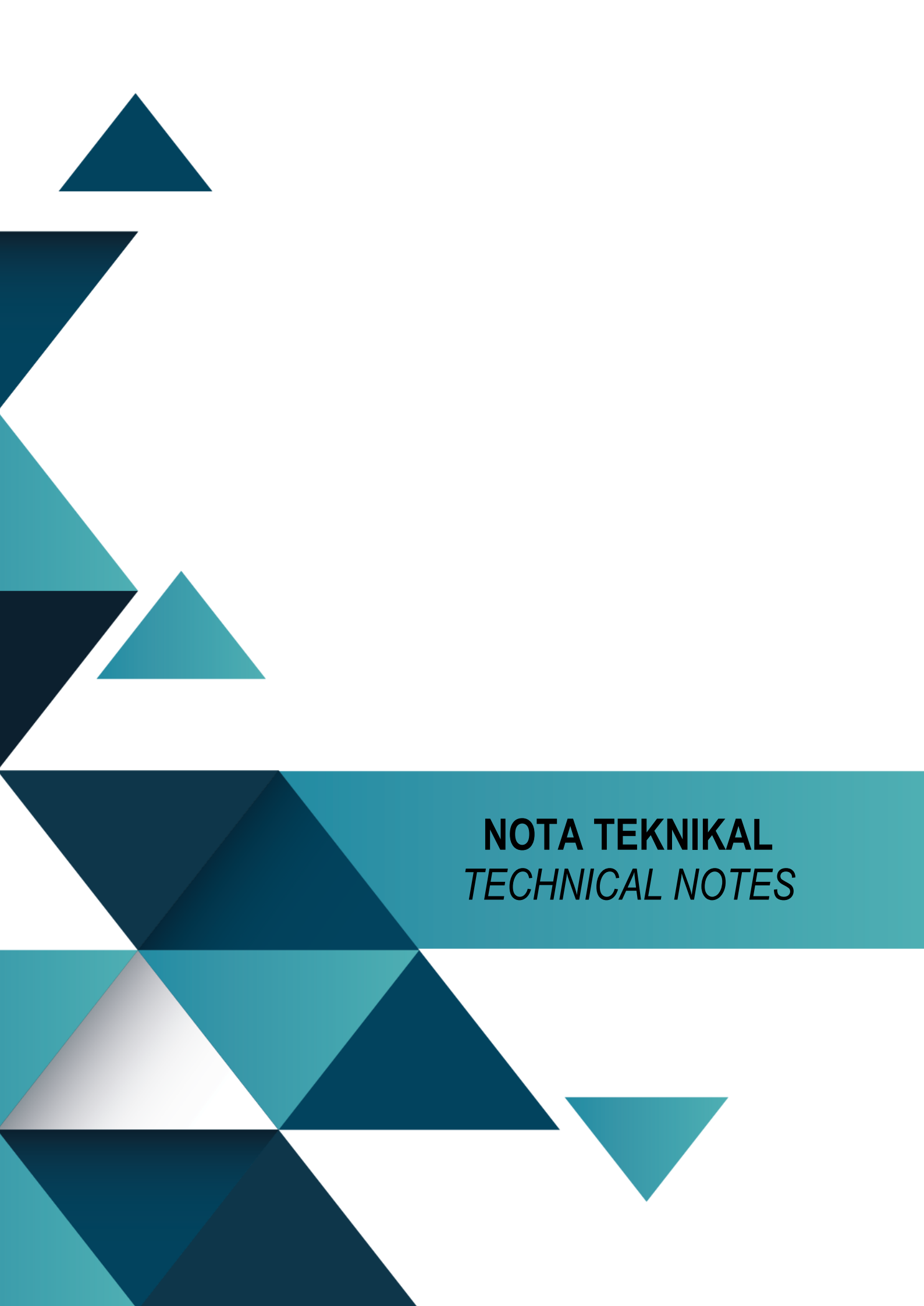
Table 3.2 : Services Producer Price Index by Group (MSIC 2008), Malaysia
- Percentage Change Year-on-Year (cont'd.)

							(2010=100)
Kumpulan Group	Maklumat & Komunikasi Information & Communication		Aktiviti Hartanah Real Estate Activities		Profesional Professional		
	620	631	682	691	692	711	
	Pengaturcaraan Komputer, Perundingan & Aktiviti Berkaitan Computer Programming, Consultancy & Related Activities	Aktiviti Prosesan Data, Hosting & Aktiviti Lain Yang Berkaitan; Web Portal Data Processing, Hosting & Related Activities; Web Portals	Aktiviti Hartanah Atas Dasar Bayaran atau Kontrak Real Estate Activities on a Fee or Contract Basis	Aktiviti Guaman Legal Activities	Aktiviti Perakaunan, Simpan Kira & Audit; Perundingan Percukaian & Auditing Activities; Tax Consultancy	Aktiviti Arkitek & Kejuruteraan; Perundingan Teknikal Yang Berkaitan Architectural & Engineering Activities; Related Technical Consultancy	
2015	0.2	0.4	2.4	0.8	0.8	0.2	
2016	0.5	0.8	1.6	1.8	0.6	0.2	
2017	0.3	0.0	1.9	0.6	0.6	1.0	
2018	0.7	-0.4	0.8	0.9	0.4	0.8	
2019	0.1	0.0	0.6	0.0	0.1	0.1	
2020	0.1	0.0	1.0	-0.1	0.0	0.0	
2021	0.1	0.0	0.9	0.1	0.0	0.1	
2015							
Q1	0.4	0.3	2.0	0.3	1.1	0.1	
Q2	0.3	0.0	2.0	0.3	0.9	0.2	
Q3	0.1	0.0	2.8	0.3	0.3	0.2	
Q4	0.1	1.1	2.9	2.2	0.7	0.2	
2016							
Q1	0.4	1.1	1.4	2.2	0.6	0.1	
Q2	0.5	1.1	2.0	2.2	0.8	0.0	
Q3	0.6	1.1	1.3	2.2	0.8	0.0	
Q4	0.6	0.0	1.8	0.5	0.4	0.8	
2017							
Q1	0.2	0.0	1.6	0.5	0.9	0.8	
Q2	0.2	0.0	2.2	0.5	0.7	1.3	
Q3	0.3	0.0	2.2	0.5	0.5	1.3	
Q4	0.4	0.0	1.6	0.8	0.6	0.6	
2018							
Q1	0.9	-0.4	1.4	1.1	0.5	1.1	
Q2	0.8	-0.4	0.4	1.1	0.5	0.7	
Q3	0.7	-0.4	0.6	1.1	0.5	0.7	
Q4	0.5	-0.4	0.7	0.3	0.4	0.6	
2019							
Q1	0.1	0.0	0.9	0.0	0.1	0.1	
Q2	0.1	0.0	0.8	0.0	0.1	0.0	
Q3	0.1	0.0	0.5	0.0	0.1	0.1	
Q4	0.2	0.0	0.3	-0.1	0.1	0.1	
2020							
Q1	0.1	0.0	0.6	-0.1	0.0	0.1	
Q2	0.2	0.0	0.6	-0.1	0.0	0.0	
Q3	0.1	0.0	1.7	-0.1	0.0	-0.1	
Q4	0.1	0.0	1.5	0.0	0.0	-0.1	
2021							
Q1	0.1	0.0	1.4	0.0	0.0	0.0	
Q2	0.0	0.0	1.3	0.0	0.0	0.1	
Q3	0.2	0.0	0.2	0.0	0.0	0.1	
Q4	0.1	0.0	0.6	0.2	0.0	0.1	

**Jadual 3.2 : Indeks Harga Pengeluar Perkhidmatan Mengikut Kumpulan (MSIC 2008), Malaysia
- Perubahan Peratus dari Tahun ke Tahun (samb.)**

Table 3.2 : Services Producer Price Index by Group (MSIC 2008), Malaysia
- Percentage Change Year-on-Year (cont'd.)

(2010=100)										
Kumpulan Group	Pendidikan Education					Kesihatan Health		Kesenian, Hiburan & Rekreasi Arts, Entertainment & Recreation		
	851	852	853	854	861	862	869	920	931	932
	Pendidikan Pra-Sekolah & Rendah Pre-Primary & Primary Education	Pendidikan Menengah Secondary Education	Pendidikan Tinggi Higher Education	Pendidikan Lain Other Education	Aktiviti Hospital Hospital Activities	Aktiviti Amalan Perubatan & Pergigian Medical & Dental Practice Activities	Aktiviti Kesihatan Kemanusiaan Lain Other Human Health Activities	Aktiviti Perjudian & Pertaruhan Gambling & Betting Activities	Aktiviti Sukan Sports Activities	Aktiviti Hiburan & Rekreasi Lain Other Amusement & Recreation Activities
2015	4.9	5.2	1.8	1.3	0.1	0.8	0.8	0.7	1.9	2.2
2016	3.0	4.0	1.7	0.9	0.8	2.7	0.9	-1.0	0.6	1.2
2017	2.1	5.9	2.2	1.7	2.7	1.8	2.8	-1.9	0.9	1.1
2018	1.3	3.2	1.0	1.3	0.6	1.0	0.9	2.2	-0.1	0.8
2019	2.0	2.4	0.0	1.0	0.2	0.2	0.1	0.0	0.0	0.2
2020	0.2	4.1	0.3	0.0	1.2	0.9	0.0	-1.6	0.2	0.0
2021	1.5	1.2	0.3	0.6	0.5	0.6	-0.3	-0.2	1.0	0.7
2015										
Q1	4.1	6.0	1.7	1.2	0.1	0.6	0.7	-1.1	2.4	1.1
Q2	5.4	6.5	2.0	1.3	0.0	0.7	0.7	0.3	2.7	1.3
Q3	5.2	4.3	1.7	1.3	0.0	0.6	0.8	1.5	1.5	3.5
Q4	4.9	4.0	1.6	1.2	0.2	1.4	1.0	2.2	1.2	3.1
2016										
Q1	3.8	3.0	1.4	1.0	0.5	2.7	0.6	1.0	0.9	2.4
Q2	2.4	2.5	1.2	0.9	0.5	2.8	0.8	0.2	0.4	2.2
Q3	3.0	5.3	2.0	0.9	1.1	2.9	1.0	-1.4	0.6	0.1
Q4	3.0	5.3	2.1	0.9	1.1	2.3	1.4	-3.9	0.8	0.3
2017										
Q1	2.4	5.9	2.4	1.7	3.0	1.6	3.1	-3.4	0.8	1.0
Q2	2.4	5.8	2.6	1.7	3.1	1.9	2.7	-2.8	1.1	1.2
Q3	1.9	6.1	1.9	1.7	2.6	2.0	2.7	-2.4	1.0	1.2
Q4	1.9	6.1	1.8	1.7	2.4	1.7	2.5	0.9	0.9	1.1
2018										
Q1	1.3	5.0	1.1	1.3	0.7	1.2	1.1	2.2	0.1	0.9
Q2	1.3	5.0	0.4	1.3	0.6	0.9	1.1	1.7	-0.1	0.9
Q3	1.3	1.3	1.1	1.3	0.7	0.9	0.9	2.8	-0.2	0.8
Q4	1.3	1.3	1.5	1.3	0.7	0.8	0.5	2.1	-0.3	0.6
2019										
Q1	2.0	1.2	0.4	1.0	0.3	0.5	0.1	0.6	-0.1	0.3
Q2	2.0	1.2	0.6	1.0	0.3	0.3	0.1	1.2	-0.1	0.1
Q3	2.0	3.5	-0.2	1.0	0.2	0.1	0.1	-0.6	0.1	0.3
Q4	2.0	3.5	-0.6	1.0	0.2	0.1	0.1	-1.2	0.0	0.3
2020										
Q1	0.2	4.7	0.1	0.0	0.3	0.1	0.2	-0.8	0.1	0.4
Q2	0.2	4.7	0.4	0.0	1.6	0.9	0.5	-1.5	0.2	0.0
Q3	0.2	3.4	0.4	0.0	1.5	1.2	-0.2	-1.6	0.2	-0.2
Q4	0.2	3.4	0.4	0.0	1.5	1.2	-0.3	-2.7	0.4	-0.3
2021										
Q1	1.5	1.6	0.5	0.6	1.5	1.2	-0.3	-1.5	1.1	-0.2
Q2	1.5	1.6	0.2	0.6	0.2	0.5	-0.7	-0.1	0.9	0.5
Q3	1.5	0.8	0.0	0.6	0.2	0.2	-0.2	1.0	0.9	1.1
Q4	1.5	0.8	0.3	0.6	0.3	0.4	-0.1	-0.4	0.9	1.3

The image features an abstract geometric design. On the left side, there is a vertical stack of overlapping triangles in various shades of teal and dark blue. A horizontal band of a medium teal color spans across the middle of the page. The text is positioned within this band on the right side. Below the band, there are more geometric shapes, including a large dark blue triangle pointing downwards and a smaller teal triangle pointing upwards.

NOTA TEKNIKAL *TECHNICAL NOTES*

1.0 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 Perkhidmatan 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 bersama oleh *Organisation for Economic Co-operation & Development* dan *Eurostat (OECD, Eurostat)*.

Maklumat bagi penyusunan IHPRP diperoleh melalui Survei Harga Pengeluar Perkhidmatan yang dilaksanakan secara Suku Tahunan. 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. Sebanyak 3,875 pertubuhan telah diliputi dalam Survei Harga Pengeluar Perkhidmatan.

2.0 SKOP DAN LIPUTAN

2.1 Pemilihan Industri

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

2.2 Subsektor yang diliputi

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

2.2.1 Pengangkutan

- Pengangkutan muatan melalui jalan raya (49230)
- Pengangkutan muatan laut dan pesisir pantai, berjadual atau tidak berjadual (50121)

- Pengangkutan penumpang melalui udara mengikut laluan & jadual biasa (51101)
- Pengangkutan muatan udara mengikut laluan & berjadual biasa (51201)
- Perkhidmatan operasi lebuh raya, jambatan & terowong (52214)
- Penghantaran muatan (52291)
- Perkhidmatan pos nasional (53100)
- Aktiviti kurier selain daripada pos nasional (53200)

2.2.2 Penginapan dan Aktiviti Perkhidmatan Makanan & Minuman

- Hotel & resort (55101)
- Restoran & restoran yang juga kelab malam (56101)
- Kafeteria / kantin (56102)
- Restoran makanan segera (56103)
- Gerai / penjaja makanan (56106)
- Katering makanan (56210)
- Pub, bar, disko, *Coffee-house*, ruang koktel & karaoke (56301)
- Kedai kopi (56302)

2.2.3 Maklumat & Komunikasi

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

2.2.4 Aktiviti Hartanah

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

2.2.5 Profesional

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

2.2.6 Pendidikan

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

2.2.7 Kesihatan

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

2.2.8 Kesenian, Hiburan & Rekreasi

- Aktiviti perjudian & pertaruhan (92000)
- Kelab ekuestrian (93113)
- Padang golf (93116)
- Pusat boling (93117)
- Pusat kecergasan (93118)
- Aktiviti taman hiburan & taman tema (93210)
- Kafe siber / pusat internet (93297)

3.0 HARGA PENGELUAR PERKHIDMATAN

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.

4.0 DEFINISI

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

5.0 PENGIRAAN INDEKS

5.1 Harga Asas

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

5.2 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:

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

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.

5.3 Wajaran

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

Wajaran Pengeluaran Perkhidmatan mengikut MSIC

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

5.4 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 wajarnya 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:

$$p_{t/10}^{ch} = p_{t/15}^{baru} \times \left(\frac{p_{Q3\ 21/10}^{lama}}{p_{Q3\ 21/15}^{baru}} \right)$$

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 ketiga 2021

$P_{Q3\ 21/10}^{lama}$ = adalah indeks komposit siri lama yang membandingkan harga bagi suku tahun ketiga 2021 kepada harga 2010

$P_{Q3\ 21/15}^{baru}$ = adalah indeks komposit siri baru yang membandingkan harga bagi suku tahun ketiga 2021 kepada harga 2015

5.5 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 diperoleh dengan membahagikan harga semasa dengan harga tahun asas bagi jenis perkhidmatan yang sama dan didarabkan dengan 100. Purata geometrik bagi harga relatif ini diperoleh untuk membentuk indeks pada peringkat kumpulan perkhidmatan.

5.6 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).

6.0 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)

7.0 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.

8.0 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.

9.0 PINDAAN

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

10.0 SIMBOL

-	:	Tidak berkaitan
0.0	:	Tiada perubahan
ST	:	Suku Tahun
QoQ	:	Suku Tahun ke Suku Tahun
YoY	:	Tahun ke Tahun

1.0 INTRODUCTION

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

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

The information for SPPI's compilation is obtained from the Quarterly Services Producer Price Survey. This survey began in 2008, covering Transportation sub-sector and followed by Information & Communication sub-sector (2011), Real Estate Activities and Professional sub-sectors (2012) and Education, Health, Accommodation and Food & Beverage Services Activities and Arts, Entertainment & Recreation sub-sectors (2013).

The sample for this survey comprised selected establishments for the same industry in the Quarterly Services Survey conducted by the Department of Statistics, Malaysia. A total of 3,875 establishments were covered in the Services Producer Price Survey.

2.0 SCOPE AND COVERAGE

2.1 Selection of Industries

The selection of industries for SPPI 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.

2.2 Sub-sectors Covered

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

2.2.1 Transportation

- Freight transport by road (49230)*
- Transport of freight overseas & coastal waters, whether scheduled or not (50121)*

- *Transport of passenger by air over regular routes & on regular schedules (51101)*
- *Transport freight by air over regular routes & regular scheduled (51201)*
- *Highway, bridge & tunnel operation services (52214)*
- *Forwarding of freight (52291)*
- *National postal activities (53100)*
- *Courier activities other than national post activities (53200)*

2.2.2 Accommodation and Food & Beverage Service Activities

- *Hotel & hotel resorts (55101)*
- *Restaurants & restaurants cum night clubs (56101)*
- *Cafeterias / canteen (56102)*
- *Fast-food restaurants (56103)*
- *Food stalls / hawkers (56106)*
- *Event / food caterers (56210)*
- *Pub, bars, discotheques, coffee-houses, cocktail lounges & karaoke (56301)*
- *Coffee shops (56302)*

2.2.3 Information & Communication

- *Wired telecommunication services (61101)*
- *Internet access providers by the operator of the wired infrastructure (61102)*
- *Wireless telecommunication activities services (61201)*
- *Internet access providers by the operator of the wireless infrastructure (61202)*
- *Computer programming activities (62010)*
- *Computer consultancy (62021)*
- *Data processing activities (63112)*
- *Web portals (63120)*

2.2.4 Real Estate Activities

- *Activities of real estate agents & brokers for buying, selling & renting of real estate (68201)*
- *Management of real estate on a fee or contract basis (68202)*

2.2.5 Professional

- *Legal activities (69100)*
- *Accounting, bookkeeping & auditing activities; tax consultancy (69200)*
- *Engineering services (71102)*

2.2.6 Education

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

2.2.7 Health

- *Hospital activities (86101)*
- *General medical services (86201)*
- *Specialized medical services (86202)*
- *Dental services (86203)*
- *Dialysis centre (86901)*
- *Medical laboratories (86902)*

2.2.8 Arts, Entertainment & Recreation

- *Gambling & betting activities (92000)*
- *Equestrian clubs (93113)*
- *Golf courses (93116)*
- *Bowling centres (93117)*
- *Fitness centres (93118)*
- *Activities of amusement parks & theme parks (93210)*
- *Cyber café / internet centre (93297)*

3.0 SERVICES PRODUCER PRICE

The price collection of services producer refers to the actual transaction prices and 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.

4.0 DEFINITION

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

5.0 INDEX CALCULATION

5.1 Base Price

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

5.2 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:

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

p_i^t : Current period prices

p_i^s : Base period prices

q_i^s : Base period quantities

n : 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.

5.3 Weights

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

Weights for Services Producer by MSIC

Sector	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

5.4 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 linked quarter. The updating of SPPI basket (2010=100) used the findings of the Economic Census 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:

$$p_{t/10}^{ch} = p_{t/15}^{new} \times \left(\frac{p_{Q3\ 21/10}^{previous}}{p_{Q3\ 21/15}^{new}} \right)$$

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 third quarter 2021

$p_{Q3\ 21/10}^{previous}$ = is the previous series of composite index comparing prices of third quarter 2021 to 2010 prices

$p_{Q3\ 21/15}^{new}$ = is a new series of composite index comparing prices of third quarter 2021 to 2015 prices

5.5 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.

5.6 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).

6.0 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)

7.0 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.

8.0 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.

9.0 REVISIONS

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

10.0 SYMBOLS

- : Not applicable
- 0.0 : No change
- Q : Quarter
- QoQ : Quarter-on-Quarter
- YoY : Year-on-Year

The image features an abstract geometric design. On the left side, there is a vertical stack of overlapping triangles in various shades of teal and dark blue. A horizontal band of medium teal color spans the width of the page, positioned in the lower half. The text 'LAMPIRAN' and 'APPENDIX' is centered within this band. Below the band, there are more geometric shapes, including a large dark blue triangle pointing right and a smaller teal triangle pointing left.

LAMPIRAN *APPENDIX*

**PENGANGKUTAN & PENYIMPANAN
TRANSPORTATION & STORAGE**

BAHAGIAN <i>Division</i>	KUMPULAN <i>Group</i>	KELAS <i>Class</i>	PERKARA <i>Item</i>	KETERANGAN <i>Description</i>
49				PENGANGKUTAN DARAT & PENGANGKUTAN MELALUI SALIRAN PAIP <i>LAND TRANSPORT & TRANSPORT VIA PIPELINES</i>
	492			Pengangkutan darat lain <i>Other land transport</i>
		4923		Pengangkutan muatan melalui jalan raya <i>Freight transport by road</i>
			49230	Pengangkutan muatan melalui jalan raya <i>Freight transport by road</i>
50				PENGANGKUTAN AIR <i>WATER TRANSPORT</i>
	501			Pengangkutan laut & pesisir pantai <i>Sea & coastal water transport</i>
		5012		Pengangkutan muatan laut & pesisir pantai <i>Sea & coastal freight water transport</i>
			50121	Pengangkutan muatan laut & pesisir pantai, berjadual atau tidak berjadual <i>Transport of freight overseas & coastal waters, whether scheduled or not</i>
51				PENGANGKUTAN UDARA <i>AIR TRANSPORT</i>
	511			Pengangkutan penumpang udara <i>Passenger air transport</i>
		5110		Pengangkutan penumpang udara <i>Passenger air transport</i>
			51101	Pengangkutan penumpang melalui udara mengikut laluan & jadual biasa <i>Transport of passengers by air over regular routes & on regular schedules</i>
	512			Pengangkutan muatan udara <i>Freight air transport</i>
		5120		Pengangkutan muatan udara <i>Freight air transport</i>
			51201	Pengangkutan muatan udara mengikut laluan & berjadual biasa <i>Transport freight by air over regular routes & on regular schedules</i>
52				PENGGUDANGAN & AKTIVITI SOKONGAN UNTUK PENGANGKUTAN <i>WAREHOUSING & SUPPORT ACTIVITIES FOR TRANSPORTATION</i>
	522			Aktiviti sokongan untuk pengangkutan <i>Support activities for transportation</i>
		5221		Aktiviti perkhidmatan berkaitan pengangkutan darat <i>Service activities incidental to land transportation</i>
			52214	Perkhidmatan operasi lebuh raya, jambatan & terowong <i>Highway, bridge & tunnel operation services</i>
		5229		Aktiviti sokongan pengangkutan lain <i>Other transportation support activities</i>
			52291	Penghantaran muatan <i>Forwarding of freight</i>

53			PERKHIDMATAN POS & KURIER <i>POSTAL & COURIER ACTIVITIES</i>
	531		Aktiviti pos <i>Postal activities</i>
		5310	Aktiviti pos <i>Postal activities</i>
			53100 Perkhidmatan pos nasional <i>National postal services</i>
	532		Aktiviti kurier <i>Courier activities</i>
		5320	Aktiviti kurier <i>Courier activities</i>
			53200 Aktiviti kurier selain daripada aktiviti pos nasional <i>Courier activities other than national post activities</i>

PENGINAPAN DAN AKTIVITI PERKHIDMATAN MAKANAN & MINUMAN **ACCOMMODATION AND FOOD & BEVERAGE SERVICE ACTIVITIES**

BAHAGIAN Division	KUMPULAN Group	KELAS Class	PERKARA Item	KETERANGAN Description
55				PENGINAPAN ACCOMMODATION
	551			Aktiviti penginapan jangka masa pendek Short term accommodation activities
		5510		Aktiviti penginapan jangka masa pendek Short term accommodation activities
			55101	Hotel & hotel resort Hotels & resort hotels
56				AKTIVITI PERKHIDMATAN MAKANAN & MINUMAN FOOD & BEVERAGE SERVICE ACTIVITIES
	561			Restoran & aktiviti perkhidmatan makanan bergerak Restaurants & mobile food service activities
		5610		Restoran & aktiviti perkhidmatan makanan bergerak Restaurants & mobile food service activities
			56101	Restoran & restoran yang juga kelab malam Restaurants & restaurant cum night clubs
			56102	Kafeteria / kantin Cafeterias / canteens
			56103	Restoran makanan segera Fast-food restaurants
			56106	Gerai / penjaja makanan Food stalls / hawkers
	562			Katering & aktiviti perkhidmatan makanan lain Event catering & other food service activities
		5621		Katering Event catering
			56210	Katering makanan Event / food caterers

563		Aktiviti perkhidmatan minuman <i>Beverage serving activities</i>
	5630	Aktiviti perkhidmatan minuman <i>Beverage serving activities</i>
	56301	Pub, bar, disko, coffee house, ruang koktel & karaoke <i>Pubs, bars, discotheques, coffee houses, cocktail lounges & karaoke</i>
	56302	Kedai kopi <i>Coffee shops</i>

MAKLUMAT & KOMUNIKASI INFORMATION & COMMUNICATION

BAHAGIAN <i>Division</i>	KUMPULAN <i>Group</i>	KELAS <i>Class</i>	PERKARA <i>Item</i>	KETERANGAN <i>Description</i>
61				TELEKOMUNIKASI <i>TELECOMMUNICATIONS</i>
	611			Aktiviti telekomunikasi berwayar <i>Wired telecommunication activities</i>
		6110		Aktiviti telekomunikasi berwayar <i>Wired telecommunication activities</i>
		61101		Perkhidmatan telekomunikasi berwayar <i>Wired telecommunication services</i>
		61102		Pembekal akses internet oleh operator infrastruktur berwayar <i>Internet access providers by the operator of the wired infrastructure</i>
	612			Aktiviti telekomunikasi tanpa wayar <i>Wireless telecommunication activities</i>
		6120		Aktiviti telekomunikasi tanpa wayar <i>Wireless telecommunication activities</i>
		61201		Perkhidmatan telekomunikasi tanpa wayar <i>Wireless telecommunication services</i>
		61202		Pembekal akses internet oleh operator infrastruktur tanpa wayar <i>Internet access providers by the operator of the wireless infrastructure</i>
62				PENGATURCARAAN KOMPUTER, PERUNDINGAN & AKTIVITI YANG BERKAITAN <i>COMPUTER PROGRAMMING, CONSULTANCY & RELATED ACTIVITIES</i>
	620			Pengaturcaraan komputer, perundingan & aktiviti yang berkaitan <i>Computer programming, consultancy & related activities</i>
		6201		Aktiviti pengaturcaraan komputer <i>Computer programming activities</i>
		62010		Aktiviti pengaturcaraan komputer <i>Computer programming activities</i>
		6202		Aktiviti perundingan komputer & pengurusan kemudahan komputer <i>Computer consultancy & computer facilities management activities</i>
		62021		Perundingan komputer <i>Computer consultancy</i>

63			AKTIVITI PERKHIDMATAN MAKLUMAT <i>INFORMATION SERVICE ACTIVITIES</i>
	631		Aktiviti prosesan data, hosting & yang berkaitan <i>Data processing, hosting & related activities</i>
		6311	Aktiviti prosesan data, hosting & yang berkaitan <i>Data processing, hosting & related activities</i>
			63112 Aktiviti prosesan data <i>Data processing activities</i>
		6312	Web portal <i>Web portals</i>
			63120 Web portal <i>Web portals</i>

AKTIVITI HARTANAH
REAL ESTATE ACTIVITIES

BAHAGIAN <i>Division</i>	KUMPULAN <i>Group</i>	KELAS <i>Class</i>	PERKARA <i>Item</i>	KETERANGAN <i>Description</i>
68				AKTIVITI HARTANAH <i>REAL ESTATE ACTIVITIES</i>
	682			Aktiviti hartanah atas dasar bayaran atau kontrak <i>Real estate activities on a fee or contract basis</i>
		6820		Aktiviti hartanah atas dasar bayaran atau kontrak <i>Real estate activities on a fee or contract basis</i>
			68201	Aktiviti agen & broker hartanah untuk pembelian, penjualan & penyewaan hartanah <i>Activities of real estate agents & brokers for buying, selling & renting of real estate</i>
			68202	Pengurusan hartanah atas dasar bayaran atau kontrak <i>Management of real estate on a fee or contract basis</i>

AKTIVITI PROFESIONAL SAINTIFIK & TEKNIKAL
PROFESSIONAL, SCIENTIFIC & TECHNICAL ACTIVITIES

BAHAGIAN <i>Division</i>	KUMPULAN <i>Group</i>	KELAS <i>Class</i>	PERKARA <i>Item</i>	KETERANGAN <i>Description</i>
69				AKTIVITI GUAMAN & PERAKAUNAN <i>LEGAL & ACCOUNTING ACTIVITIES</i>
	691			Aktiviti guaman <i>Legal activities</i>
		6910		Aktiviti guaman <i>Legal activities</i>
			69100	Aktiviti guaman <i>Legal activities</i>

692

Aktiviti perakaunan, simpan kira & audit; perundingan percukaian
Accounting, bookkeeping & auditing activities; tax consultancy

6920

Aktiviti perakaunan, simpan kira & audit; perundingan percukaian
Accounting, bookkeeping & auditing activities; tax consultancy

69200

Aktiviti perakaunan, simpan kira & audit; perundingan percukaian
Accounting, bookkeeping & auditing activities; tax consultancy

71

AKTIVITI ARKITEK & KEJURUTERAAN; UJIAN TEKNIKAL & ANALISIS
ARCHITECTURAL & ENGINEERING ACTIVITIES; TECHNICAL TESTING & ANALYSIS

711

Aktiviti arkitek & kejuruteraan; perundingan teknikal yang berkaitan
Architectural & engineering activities; related technical consultancy

7110

Aktiviti arkitek & kejuruteraan; perundingan teknikal yang berkaitan
Architectural & engineering activities; related technical consultancy

71102

Perkhidmatan kejuruteraan
Engineering services

**PENDIDIKAN
EDUCATION**

BAHAGIAN
Division

KUMPULAN
Group

KELAS
Class

PERKARA
Item

KETERANGAN
Description

85

PENDIDIKAN
EDUCATION

851

Pendidikan pra-sekolah & pendidikan rendah
Pre-primary & primary education

8510

Pendidikan pra-sekolah & pendidikan rendah
Pre-primary & primary education

85102

Pendidikan pra-sekolah (swasta)
Pre-primary education (private)

85104

Pendidikan rendah (swasta)
Primary education (private)

852

Pendidikan menengah
Secondary education

8521

Pendidikan menengah am
General secondary education

85212

Pendidikan menengah am (swasta)
General school secondary education (private)

853

Pendidikan tinggi
Higher education

8530

Pendidikan tinggi
Higher education

85302

Pendidikan kolej & universiti (swasta)
College & university education (private)

854

Pendidikan lain
Other education

8542

Pendidikan kebudayaan
Cultural education

85421

Sekolah muzik & tarian
Music & dancing school

8549
Pendidikan lain yang tidak terkelas di tempat lain t.t.t.l.
Other education not elsewhere classified n.e.c.
85491
Pusat tuisyen
Tuition centre
AKTIVITI KESIHATAN KEMANUSIAAN & KERJA SOSIAL
HUMAN HEALTH & SOCIAL WORK ACTIVITIES

BAHAGIAN <i>Division</i>	KUMPULAN <i>Group</i>	KELAS <i>Class</i>	PERKARA <i>Item</i>	KETERANGAN <i>Description</i>
86				AKTIVITI KESIHATAN MANUSIA <i>HUMAN HEALTH ACTIVITIES</i>
	861			Aktiviti hospital <i>Hospital activities</i>
		8610		Aktiviti hospital & rumah bersalin <i>Hospital & maternity home activities</i>
			86101	Aktiviti hospital <i>Hospital activities</i>
	862			Aktiviti amalan perubatan & pergigian <i>Medical & dental practice activities</i>
		8620		Aktiviti amalan perubatan & pergigian <i>Medical & dental practice activities</i>
			86201	Perkhidmatan perubatan am <i>General medical services</i>
			86202	Perkhidmatan perubatan khas <i>Specialized medical services</i>
			86203	Perkhidmatan berkaitan gigi <i>Dental services</i>
	869			Aktiviti kesihatan kemanusiaan lain <i>Other human health activities</i>
		8690		Aktiviti kesihatan kemanusiaan lain <i>Other human health activities</i>
			86901	Pusat dialisis <i>Dialysis centres</i>
			86902	Makmal perubatan <i>Medical laboratories</i>

KESENIAN, HIBURAN & REKREASI
ARTS, ENTERTAINMENT & RECREATION

BAHAGIAN <i>Division</i>	KUMPULAN <i>Group</i>	KELAS <i>Class</i>	PERKARA <i>Item</i>	KETERANGAN <i>Description</i>
92				AKTIVITI PERJUDIAN & PERTARUHAN <i>GAMBLING & BETTING ACTIVITIES</i>
	920			Aktivi perjudian & pertaruhan <i>Gambling & betting activities</i>
		9200		Aktivi perjudian & pertaruhan <i>Gambling & betting activities</i>
			92000	Aktivi perjudian & pertaruhan <i>Gambling & betting activities</i>

93		AKTIVITI SUKAN & AKTIVITI HIBURAN & REKREASI <i>SPORTS ACTIVITIES & AMUSEMENT & RECREATION ACTIVITIES</i>
	931	Aktiviti sukan <i>Sports activities</i>
		Operasi bagi kemudahan acara sukan dalam & luar bangunan <i>Operation of sports facilities for indoor or outdoor sports events</i>
	9311	
		93113 Kelab ekuestrian <i>Equestrian clubs</i>
		93116 Padang golf <i>Golf courses</i>
		93117 Pusat boling <i>Bowling centre</i>
		93118 Pusat kesihatan <i>Fitness centres</i>
	932	Aktiviti hiburan & rekreasi lain <i>Other amusement & recreation activities</i>
		Aktiviti taman hiburan & taman tema <i>Activities of amusement parks & theme parks</i>
	9321	
		93210 Aktiviti taman hiburan & taman tema <i>Activities of amusement parks & theme parks</i>
	9329	Aktiviti hiburan & rekreasi lain t.t.t.l. <i>Other amusement & recreation activities n.e.c.</i>
		93297 Kafe siber / pusat internet <i>Cyber café / internet centre</i>

KALENDAR AWALAN KELUARAN
INDEKS HARGA PENGELUAR PERKHIDMATAN 2021
Advance Release Calendar for Service Producer Price Index 2021

Suku Tahun Rujukan <i>Reference Quarter</i>	Tempoh Rujukan <i>Reference Period</i>	Tarikh <i>Date</i>
Suku Pertama <i>First Quarter</i>	Januari - Mac 2021 <i>January - March 2021</i>	6 Mei 2021 <i>6 May 2021</i>
Suku Kedua <i>Second Quarter</i>	April - Jun 2021 <i>April - June 2021</i>	6 Ogos 2021 <i>6 August 2021</i>
Suku Ketiga <i>Third Quarter</i>	Julai - September 2021 <i>July - September 2021</i>	8 November 2021 <i>8 November 2021</i>
Suku Keempat <i>Fourth Quarter</i>	Oktober - Disember 2021 <i>October - December 2021</i>	7 Februari 2022 <i>7 February 2022</i>

