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INDEKS VOLUM PERKHIDMATAN SUKU TAHUNAN

QUARTERLY VOLUME INDEX
OF SERVICES

2022

SUKU TAHUN KEDUA
SECOND QUARTER



JABATAN PERANGKAAN MALAYSIA
DEPARTMENT OF STATISTICS, MALAYSIA



JABATAN PERDANA MENTERI
JABATAN PERANGKAAN MALAYSIA

**INDEKS VOLUM PERKHIDMATAN
SUKU TAHUNAN**
*QUARTERLY VOLUME INDEX
OF SERVICES*

(2015=100)

SUKU TAHUN KEDUA 2022
SECOND QUARTER 2022

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Pemakluman

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

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

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

Announcement

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

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

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

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Pengguna yang mengeluarkan sebarang maklumat dari terbitan ini sama ada yang asal atau diolah semula hendaklah meletakkan kenyataan berikut:

“Sumber: Jabatan Perangkaan Malaysia.”

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KATA PENGANTAR

Penerbitan Indeks Volum Perkhidmatan Suku Tahun Kedua 2022 ini membentangkan indikator jangka pendek berkaitan corak dan prestasi Sektor Perkhidmatan di Malaysia bagi tahun 2015 hingga suku tahun kedua 2022.

Indeks Volum Perkhidmatan ini meliputi 13 subsektor perkhidmatan iaitu Perdagangan Borong & Runcit, Kewangan & Insurans, Maklumat & Komunikasi, Pengangkutan & Penyimpanan, Makanan & Minuman, Profesional, Saintifik & Teknikal, Hartanah, Pentadbiran & Khidmat Sokongan, Pendidikan Swasta, Kesihatan Swasta, Kesenian, Hiburan & Rekreasi, Penginapan dan Perkhidmatan Persendirian & Lain-lain Aktiviti.

Indeks Volum Perkhidmatan Suku Tahunan telah disusun buat kali pertama dengan menggunakan tahun 2010 sebagai tahun asas (2010=100). Kini ia telah diasaskan semula kepada tahun 2015 dan telah dibuat pelarasan musim (2015=100). Indeks volum disusun berpandukan *Compilation Manual for an Index of Services Production (OECD, 2007)*, manakala pengkelasan industri perkhidmatan adalah berdasarkan Piawaian Klasifikasi Industri Malaysia (MSIC) 2008 Ver. 1.0. Klasifikasi industri ini adalah selaras dengan *International Standard Industrial Classification of All Economic Activities (ISIC), Revision 4, 2008* yang diterbitkan oleh *United Nations Statistics Division (UNSD)*.

Penerbitan ini mengandungi sorotan penting, jadual-jadual statistik terperinci bagi membantu pengguna membuat analisis dan nota teknikal yang menerangkan berkenaan sumber data, metodologi dan konsep yang digunakan dalam pengeluaran indeks volum.

Jabatan Statistik Malaysia merakamkan setinggi-tinggi penghargaan kepada semua pihak yang terlibat secara langsung dan tidak langsung dalam merealisasikan laporan yang diterbitkan ini. Sebarang cadangan dan pandangan ke arah penambahbaikan laporan ini pada masa hadapan amatlah dihargai.

DATO' SRI DR. MOHD UZIR MAHIDIN
Ketua Perangkawan Malaysia

Ogos 2022

PREFACE

The publication of Volume Index of Services for the Second Quarter of 2022 presents short-term indicator on the pattern and the performance of the Services Sector in Malaysia for the year 2015 until second quarter of 2022.

Volume Index of Services comprises of 13 sub-sectors namely Wholesale & Retail Trade, Finance & Insurance, Information & Communication, Transportation & Storage, Food & Beverages, Professional, Scientific & Technical, Real Estate, Administrative & Support Services, Private Education, Private Health, Arts, Entertainment & Recreation, Accommodation and Personal Services & Other Activities.

This Quarterly Volume Index of Services was compiled for the first time using 2010 as the base year (2010=100). At present, it has been rebased to 2015 and was seasonally adjusted (2015=100). Volume index is compiled according to the Compilation Manual for an Index of Services Production (OECD, 2007), while the classification of the services industries is based on Malaysia Standard Industrial Classification (MSIC) 2008 Ver.1.0. The classification is in line with the International Standard Industrial Classification of All Economic Activities (ISIC), Revision 4, 2008 published by the United Nations Statistics Division (UNSD).

This publication contains the highlights, detailed statistical tables to facilitate users for analysis and technical notes that explains data sources, methodology and concepts used in the compilation of the volume index.

The Department of Statistics Malaysia gratefully acknowledges to all those who has contributed directly and indirectly to this report. Any comments and suggestions towards improving future reports are greatly appreciated.

DATO' SRI DR. MOHD UZIR MAHIDIN
Chief Statistician Malaysia

August 2022

KALENDAR AWALAN KELUARAN 2022

INDEKS VOLUM PERKHIDMATAN SUKU TAHUNAN

ADVANCE RELEASE CALENDAR YEAR 2022

QUARTERLY VOLUME INDEX OF SERVICES

Suku tahun rujukan <i>Reference quarter</i>	Tarikh <i>Date</i>
Suku pertama 2022 <i>First quarter 2022</i>	12 Mei 2022 <i>12 May 2022</i>
Suku kedua 2022 <i>Second quarter 2022</i>	11 Ogos 2022 <i>11 August 2022</i>
Suku ketiga 2022 <i>Third quarter 2022</i>	10 November 2022 <i>10 November 2022</i>
Suku keempat 2022 <i>Fourth quarter 2022</i>	9 Februari 2023 <i>9 February 2023</i>

Nota:
Note:

1. Merujuk kepada tarikh data disebarikan kepada media atau dalam penerbitan khusus.
Refers to the date of release of the data to the media or in the specific publication.
2. Tarikh siaran tertakluk kepada pindaan.
Release dates are subject to change.

SINGKATAN/ ABBREVIATIONS

ST	:	Suku Tahun
QoQ	:	Suku Tahun ke Suku Tahun
YoY	:	Tahun ke Tahun
t.t.t.l.	:	Tidak terkelas di tempat lain

Q	:	<i>Quarter</i>
QoQ	:	<i>Quarter-on-Quarter</i>
YoY	:	<i>Year-on-Year</i>
<i>n.e.c.</i>	:	<i>Not elsewhere classified</i>
<i>i.e</i>	:	<i>that is</i>
<i>etc.</i>	:	<i>et cetera</i>

SIMBOL SYMBOLS

&	:	dan
/	:	atau
%	:	peratus

&	:	<i>and</i>
/	:	<i>or</i>
%	:	<i>per cent</i>

Nota:

Note:

Penjumlahan komponen mungkin berbeza dengan angka jumlah kecil atau besar disebabkan pembundaran.

The sum of the component figures may not tally with the sub-total or total figures due to rounding.

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INDEKS VOLUM PERKHIDMATAN (2015=100) SUKU TAHUN KEDUA 2022

Indeks Volum Perkhidmatan meningkat 16.7% pada suku tahun kedua 2022 berbanding suku tahun yang sama tahun sebelumnya.

ST1 2022
7.0%

ST2 2022
16.7%

Perdagangan Borong & Runcit, Makanan & Minuman dan Penginapan

ST1 2022: 6.4% ST2 2022: 22.3%



Perdagangan Borong & Runcit

ST1 2022: 3.9% ST2 2022: 19.3%



Makanan & Minuman

ST1 2022: 16.3% ST2 2022: 29.4%



Penginapan

ST1 2022: 85.9% ST2 2022: 179.0%

Perkhidmatan Perniagaan dan Kewangan

ST1 2022: 2.7% ST2 2022: 7.7%



Kewangan & Insurans

ST1 2022: -1.0% ST2 2022: -1.3%



Profesional, Saintifik & Teknikal dan Pentadbiran & Khidmat Sokongan

ST1 2022: 7.6% ST2 2022: 19.1%



Hartanah

ST1 2022: 13.5% ST2 2022: 36.7%

Maklumat & Komunikasi dan Pengangkutan & Penyimpanan

ST1 2022: 12.4% ST2 2022: 16.4%



Maklumat & Komunikasi

ST1 2022: 6.0% ST2 2022: 5.9%



Pengangkutan & Penyimpanan

ST1 2022: 26.4% ST2 2022: 40.4%

Perkhidmatan Lain

ST1 2022: 13.3% ST2 2022: 18.6%



Kesenian, Hiburan & Rekreasi dan Perkhidmatan Persendirian & Lain-lain Aktiviti

ST1 2022: 26.9% ST2 2022: 55.0%



Pendidikan Swasta

ST1 2022: 3.0% ST2 2022: 5.4%



Kesihatan Swasta

ST1 2022: 13.2% ST2 2022: 8.3%

VOLUME INDEX OF SERVICES (2015=100) SECOND QUARTER 2022

Volume Index of Services increased 16.7% in second quarter 2022 as compared to the same quarter of previous year.

Q1 2022
7.0%

Q2 2022
16.7%

Wholesale & Retail Trade, Food & Beverages and Accommodation

Q1 2022: 6.4% Q2 2022: 22.3%



Wholesale & Retail Trade
Q1 2022: 3.9% Q2 2022: 19.3%



Food & Beverages
Q1 2022: 16.3% Q2 2022: 29.4%



Accommodation
Q1 2022: 85.9% Q2 2022: 179.0%

Business Services and Finance

Q1 2022: 2.7% Q2 2022: 7.7%



Finance & Insurance
Q1 2022: -1.0% Q2 2022: -1.3%



**Professional, Scientific & Technical
and Administrative & Support Services**
Q1 2022: 7.6% Q2 2022: 19.1%



Real Estate
Q1 2022: 13.5% Q2 2022: 36.7%

Information & Communication and Transportation & Storage

Q1 2022: 12.4% Q2 2022: 16.4%



Information & Communication
Q1 2022: 6.0% Q2 2022: 5.9%



Transportation & Storage
Q1 2022: 26.4% Q2 2022: 40.4%

Other Services

Q1 2022: 13.3% Q2 2022: 18.6%



**Arts, Entertainment & Recreation
and Personal Services & Other
Activities**
Q1 2022: 26.9% Q2 2022: 55.0%



Private Education
Q1 2022: 3.0% Q2 2022: 5.4%



Private Health
Q1 2022: 13.2% Q2 2022: 8.3%

INDEKS VOLUM PERKHIDMATAN SUKU TAHUN KEDUA 2022

RINGKASAN PENEMUAN

Pada suku tahun kedua 2022, Indeks Volum Perkhidmatan meningkat **16.7 peratus** dengan merekodkan **136.3 mata** berbanding **116.8 mata** pada suku tahun kedua 2021. Peningkatan ini didorong oleh pertumbuhan positif oleh kesemua empat segmen dalam sektor Perkhidmatan iaitu segmen Perdagangan Borong & Runcit, Makanan & Minuman dan Penginapan, **22.3 peratus**, segmen Perkhidmatan Perniagaan dan Kewangan, **7.7 peratus**, segmen Maklumat & Komunikasi dan Pengangkutan & Penyimpanan, **16.4 peratus**, dan segmen Perkhidmatan Lain, **18.6 peratus**.

Bagi perbandingan suku tahunan pula, Indeks Volum Perkhidmatan mengalami peningkatan **3.1 peratus** kepada **136.3 mata** berbanding **132.2 mata** pada suku tahun pertama 2022. Kenaikan ini adalah hasil daripada peningkatan segmen Perdagangan Borong & Runcit, Makanan & Minuman dan Penginapan, **5.7 peratus**, segmen Maklumat & Komunikasi dan Pengangkutan & Penyimpanan, **2.9 peratus** dan segmen Perkhidmatan Lain, **2.4 peratus**. Sebaliknya, segmen Perkhidmatan Perniagaan dan Kewangan menunjukkan pertumbuhan **negatif 1.0 peratus**.

Sementara itu, indeks volum pelarasan musim bagi sektor ini naik **7.1 peratus** kepada **141.1 mata** pada suku tahun kedua 2022.

		Indeks Volum Asal			Indeks Volum Pelarasan Musim	
		Indeks Volum	% Perubahan YoY	% Perubahan QoQ	Indeks Volum	% Perubahan QoQ
Sektor Perkhidmatan (2015 = 100)	Wajaran (%)	136.3	16.7	3.1	141.1	7.1
Segmen 1 Perdagangan Borong & Runcit, Makanan & Minuman dan Penginapan	45.2	138.8	22.3	5.7	144.2	9.6
Segmen 2 Perkhidmatan Perniagaan dan Kewangan	26.8	129.7	7.7	-1.0	135.1	5.2
Segmen 3 Maklumat & Komunikasi dan Pengangkutan & Penyimpanan	21.9	147.8	16.4	2.9	150.4	4.5
Segmen 4 Perkhidmatan Lain	6.1	105.2	18.6	2.4	110.6	6.8

PRESTASI MENGIKUT SEGMENT

SEGMENT 1: Perdagangan Borong & Runcit, Makanan & Minuman dan Penginapan



Indeks volum bagi segment Perdagangan Borong & Runcit, Makanan & Minuman dan Penginapan meningkat **22.3 peratus** kepada **138.8 mata** berbanding suku tahun yang sama tahun sebelumnya. Subsektor Perdagangan Borong & Runcit merupakan pendorong utama terhadap kenaikan segment ini dengan mencatatkan pertumbuhan **19.3 peratus**. Bagi perbandingan secara suku tahunan, segment ini meningkat **5.7 peratus** berbanding suku tahun yang lepas.

Indeks volum pelarasan musim bagi segment ini naik **9.6 peratus** untuk mencatatkan **144.2 mata** berbanding suku tahun sebelumnya.

SEGMENT 2: Perkhidmatan Perniagaan dan Kewangan



Pada suku tahun kedua 2022, segment Perkhidmatan Perniagaan dan Kewangan naik **7.7 peratus** kepada **129.7 mata** berbanding suku tahun yang sama tahun sebelumnya. Peningkatan ini disumbangkan oleh subsektor Profesional, Saintifik & Teknikal dan Pentadbiran & Khidmat Sokongan yang tumbuh **19.1 peratus**. Sementara itu, bagi perbandingan suku tahunan, segment ini mencatatkan pertumbuhan **negatif 1.0 peratus** berbanding suku tahun pertama 2022.

Bagi indeks volum pelarasan musim, segment ini naik **5.2 peratus** kepada **135.1 mata** pada suku tahun kedua 2022 berbanding suku tahun sebelumnya.

SEGMENT 3: Maklumat & Komunikasi dan Pengangkutan & Penyimpanan



Segment Maklumat & Komunikasi dan Pengangkutan & Penyimpanan mencatatkan indeks volum **147.8 mata**, peningkatan **16.4 peratus** berbanding suku tahun yang sama tahun sebelumnya. Subsektor Pengangkutan & Penyimpanan merupakan penyumbang utama kepada peningkatan ini dengan merekodkan pertumbuhan **40.4 peratus**. Segment ini juga meningkat **2.9 peratus** berbanding suku tahun pertama 2022.

Pada masa yang sama, indeks volum pelarasan musim bagi segment ini turut naik **4.5 peratus** untuk mencapai **150.4 mata** berbanding suku tahun sebelumnya.

SEGMENT 4: Perkhidmatan Lain



Indeks volum bagi segment Perkhidmatan Lain melonjak naik **18.6 peratus** kepada **105.2 mata** berbanding suku tahun kedua 2021. Subsektor Kesenian, Hiburan & Rekreasi dan Perkhidmatan Persendirian & Lain-lain Aktiviti merupakan penyumbang utama kepada kenaikan ini dengan peningkatan sebanyak **55.0 peratus**. Bagi perbandingan suku tahunan, segment ini naik **2.4 peratus** pada suku tahun kedua 2022.

Indeks volum pelarasan musim bagi segment Perkhidmatan Lain meningkat **6.8 peratus** dan merekodkan **110.6 mata** berbanding suku tahun pertama 2022.

VOLUME INDEX OF SERVICES SECOND QUARTER 2022

SUMMARY OF FINDINGS

In the second quarter of 2022, Volume Index of Services rose by **16.7 per cent** to record **136.3 points** as compared to **116.8 points** in the second quarter of 2021. This increase was driven by the positive growth of all four segments in the Services sector which were Wholesale & Retail Trade, Food & Beverages and Accommodation segment, **22.3 per cent**, Business Services and Finance segment, **7.7 per cent**, Information & Communication and Transportation & Storage segment, **16.4 per cent**, and Other Services segment, **18.6 per cent**.

For quarterly comparison, Volume Index of Services experienced an increase of **3.1 per cent** to **136.3 points** as compared to **132.2 points** in the first quarter of 2022. This increase was contributed by the growth of Wholesale & Retail Trade, Food & Beverages and Accommodation segment, **5.7 per cent**, Information & Communication and Transportation & Storage segment, **2.9 per cent** and Other Services segment, **2.4 per cent**. On the other hand, Business Services and Finance segment showed a **negative growth of 1.0 per cent**.

Meanwhile, the seasonally adjusted volume index of this sector grew **7.1 per cent** to **141.1 points** in the second quarter 2022.

	Weight (%)	Original Volume Index			Seasonally Adjusted Volume Index	
		Volume Index	% Change YoY	% Change QoQ	Volume Index	% Change QoQ
Services Sector (2015 = 100)		136.3	16.7	3.1	141.1	7.1
Segment 1 Wholesale & Retail Trade, Food & Beverages and Accommodation	45.2	138.8	22.3	5.7	144.2	9.6
Segment 2 Business Services and Finance	26.8	129.7	7.7	-1.0	135.1	5.2
Segment 3 Information & Communication and Transportation & Storage	21.9	147.8	16.4	2.9	150.4	4.5
Segment 4 Other Services	6.1	105.2	18.6	2.4	110.6	6.8

PERFORMANCE BY SEGMENT

SEGMENT 1: Wholesale & Retail Trade, Food & Beverages and Accommodation



Volume index of Wholesale & Retail Trade, Food & Beverages and Accommodation segment increased by **22.3 per cent** to **138.8 points** as compared to the same quarter of previous year. The Wholesale & Retail Trade sub-sector was the main contributor to the increase in this segment which registered **19.3 per cent** growth. For quarterly comparison, this segment rose by **5.7 per cent** as compared to the previous quarter.

The seasonally adjusted volume index of this segment increased by **9.6 per cent** to record **144.2 points** over the previous quarter.

SEGMENT 2: Business Services and Finance



In the second quarter of 2022, the Business Services and Finance segment increased by **7.7 per cent** to **129.7 points** as compared to the same quarter of previous year. The increase was contributed by Professional, Scientific & Technical and Administrative & Support Services sub-sector which grew **19.1 per cent**. Meanwhile, on a quarterly basis, this segment registered a **negative** growth of **1.0 per cent** as compared to the first quarter of 2022.

As for seasonally adjusted volume index, this segment rose by **5.2 per cent** to **135.1 points** in the second quarter of 2022 as compared to the previous quarter.

SEGMENT 3: Information & Communication and Transportation & Storage



Information & Communication and Transportation & Storage segment recorded an index volume of **147.8 points**, an increase of **16.4 per cent** as compared to the same quarter of previous year. Transportation & Storage sub-sector was the main contributor to this increase which recorded a growth of **40.4 per cent**. This segment also increased by **2.9 per cent** as compared to the first quarter of 2022.

At the same time, the seasonally adjusted volume index in this segment also increased by **4.5 per cent** to reach **150.4 points** as compared to the previous quarter.

SEGMENT 4: Other Services



Volume index of Other Services soared by **18.6 per cent** to **105.2 points** as compared to second quarter of 2021. The Arts, Entertainment & Recreation and Personal Services & Other Activities sub-sector was the main contributor to this increase with a growth of **55.0 per cent**. For quarterly comparison, this segment went up by **2.4 per cent** in the second quarter of 2022.

The seasonally adjusted volume index for Other Services segment increased by **6.8 per cent** to record **110.6 points** as compared to the first quarter of 2022.

Jadual 1 : Indeks Volum Perkhidmatan, Suku Tahun Kedua 2022

Table 1 : Volume Index of Services, Second Quarter 2022

(2015=100)

Subsektor Sub-sector	Wajaran Weight	Indeks Volum Asal Original Volume Index			Indeks Volum Pelarasan Musim Seasonally Adjusted Volume Index	
		Indeks Volum Volume Index	% Perubahan Change		Indeks Volum Volume Index	% Perubahan Change
			Q2 2022 ^p	QoQ		
PERKHIDMATAN SERVICES	100.0	136.3	3.1	16.7	141.1	7.1
Perdagangan Borong & Runcit, Makanan & Minuman dan Penginapan Wholesale & Retail Trade, Food & Beverages and Accommodation	45.2	138.8	5.7	22.3	144.2	9.6
Perdagangan Borong & Runcit Wholesale & Retail Trade	37.9	142.2	5.6	19.3	147.2	8.5
Makanan & Minuman Food & Beverages	5.7	125.3	3.2	29.4	130.8	10.1
Penginapan Accommodation	1.6	106.1	19.5	179.0	123.0	51.7
Perkhidmatan Perniagaan dan Kewangan Business Services and Finance	26.8	129.7	-1.0	7.7	135.1	5.2
Kewangan & Insurans Finance & Insurance	16.0	127.6	-5.5	-1.3	134.6	1.8
Profesional, Saintifik & Teknikal dan Pentadbiran & Khidmat Sokongan Professional, Scientific & Technical and Administrative & Support Services	7.2	142.3	7.5	19.1	143.8	10.6
Hartanah Real Estate	3.6	113.8	2.5	36.7	120.0	10.9
Maklumat & Komunikasi dan Pengangkutan & Penyimpanan Information & Communication and Transportation & Storage	21.9	147.8	2.9	16.4	150.4	4.5
Maklumat & Komunikasi Information & Communication	12.9	159.2	0.9	5.9	157.8	-0.2
Pengangkutan & Penyimpanan Transportation & Storage	9.0	131.4	6.6	40.4	139.8	13.2
Perkhidmatan Lain Other Services	6.1	105.2	2.4	18.6	110.6	6.8
Kesenian, Hiburan & Rekreasi dan Perkhidmatan Persendirian & Lain-lain Aktiviti Arts, Entertainment & Recreation and Personal Services & Other Activities	2.6	79.7	2.8	55.0	89.4	21.1
Pendidikan Swasta Private Education	1.9	113.2	2.0	5.4	118.1	1.3
Kesihatan Swasta Private Health	1.6	135.8	2.5	8.3	135.0	0.0

^p **Data Awalan/ Preliminary Data**

Jadual 2 : Indeks Volum Perkhidmatan mengikut Segmen

Table 2 : Volume Index of Services by Segment

(2015=100)

Segmen Segment		Perkhidmatan Services	Perdagangan Borong & Runcit, Makanan & Minuman dan Penginapan Wholesale & Retail Trade, Food & Beverages and Accommodation	Perkhidmatan Perniagaan dan Kewangan Business Services and Finance	Maklumat & Komunikasi dan Pengangkutan & Penyimpanan Information & Communication and Transportation & Storage	Perkhidmatan Lain Other Services
Tempoh Period						
Wajaran/ Weight		100.0	45.2	26.8	21.9	6.1
a. Indeks Volum/ Volume Index						
2015		100.0	100.0	100.0	100.0	100.0
2016		105.7	106.1	104.3	106.8	105.6
2017		112.9	113.5	110.5	114.7	112.1
2018		121.1	122.4	117.6	123.1	119.6
2019		128.9	130.5	124.7	131.1	127.2
2020		118.6	118.0	119.7	124.0	99.1
2021		120.5	118.6	122.9	130.2	89.8
2017	Q1	109.7	110.6	107.3	111.0	107.8
	Q2	111.1	112.2	106.9	114.1	109.9
	Q3	114.1	114.0	112.1	116.5	114.4
	Q4	116.7	117.2	115.7	117.0	116.4
2018	Q1	117.3	118.0	115.4	118.9	114.8
	Q2	118.8	120.3	113.4	122.7	117.4
	Q3	123.0	124.2	119.3	125.3	122.2
	Q4	125.2	126.9	122.1	125.6	124.1
2019	Q1	125.1	126.2	122.2	127.0	122.3
	Q2	126.5	128.3	120.5	130.6	124.5
	Q3	130.7	132.4	126.1	133.0	130.0
	Q4	133.2	135.0	129.9	133.7	132.2
2020	Q1	127.9	128.1	127.2	130.4	121.2
	Q2	99.2	94.4	103.3	111.3	73.3
	Q3	123.4	123.8	123.6	128.2	101.6
	Q4	124.0	125.6	124.7	126.3	100.2
2021	Q1	123.5	123.5	127.6	127.8	90.7
	Q2	116.8	113.5	120.4	127.0	88.7
	Q3	114.1	108.8	119.3	128.1	80.0
	Q4	127.7	128.5	124.2	138.1	99.9
2022	Q1 ^r	132.2	131.3	131.0	143.6	102.7
	Q2 ^p	136.3	138.8	129.7	147.8	105.2

^p Data Awal/ Preliminary Data

^r Kemaskini dibuat berdasarkan data terkini yang diperolehi/ Revisions made based on the latest data available

Jadual 2 : Indeks Volum Perkhidmatan mengikut Segmen (samb.)

Table 2 : Volume Index of Services by Segment (cont'd.)

(2015=100)

Tempoh Period	Segmen Segment	Perkhidmatan Services	Perdagangan Borong & Runcit, Makanan & Minuman dan Penginapan Wholesale & Retail Trade, Food & Beverages and Accommodation	Perkhidmatan Perniagaan dan Kewangan Business Services and Finance	Maklumat & Komunikasi dan Pengangkutan & Penyimpanan Information & Communication and Transportation & Storage	Perkhidmatan Lain Other Services
Wajaran/ Weight		100.0	45.2	26.8	21.9	6.1

b. Peratus Perubahan Suku Tahun ke Suku Tahun/ Percentage Change Quarter-on-Quarter

2019	Q1	-0.1	-0.6	0.1	1.1	-1.5
	Q2	1.1	1.7	-1.5	2.8	1.8
	Q3	3.3	3.2	4.7	1.8	4.4
	Q4	1.9	2.0	3.1	0.6	1.7
2020	Q1	-4.0	-5.1	-2.1	-2.5	-8.3
	Q2	-22.5	-26.3	-18.8	-14.6	-39.5
	Q3	24.4	31.1	19.6	15.2	38.6
	Q4	0.5	1.4	0.9	-1.5	-1.3
2021	Q1	-0.4	-1.7	2.3	1.2	-9.5
	Q2	-5.4	-8.1	-5.6	-0.6	-2.2
	Q3	-2.3	-4.1	-0.9	0.8	-9.8
	Q4	11.9	18.0	4.1	7.9	24.8
2022	Q1 ^r	3.5	2.2	5.5	4.0	2.9
	Q2 ^p	3.1	5.7	-1.0	2.9	2.4

c. Peratus Perubahan Tahun ke Tahun/ Percentage Change Year-on-Year

2019		6.4	6.6	6.1	6.5	6.4
2020		-8.0	-9.6	-4.0	-5.4	-22.1
2021		1.6	0.5	2.6	5.0	-9.3
2019	Q1	6.6	6.9	5.9	6.8	6.5
	Q2	6.4	6.6	6.2	6.4	6.1
	Q3	6.2	6.6	5.7	6.2	6.4
	Q4	6.4	6.4	6.4	6.5	6.5
2020	Q1	2.3	1.5	4.1	2.7	-0.9
	Q2	-21.6	-26.4	-14.2	-14.8	-41.1
	Q3	-5.6	-6.5	-1.9	-3.6	-21.8
	Q4	-6.9	-7.0	-4.0	-5.6	-24.2
2021	Q1	-3.5	-3.6	0.3	-2.0	-25.2
	Q2	17.7	20.2	16.5	14.2	21.1
	Q3	-7.5	-12.1	-3.5	-0.1	-21.2
	Q4	3.0	2.3	-0.4	9.4	-0.4
2022	Q1 ^r	7.0	6.4	2.7	12.4	13.3
	Q2 ^p	16.7	22.3	7.7	16.4	18.6

^p Data Awalan/ Preliminary Data

^r Kemaskini dibuat berdasarkan data terkini yang diperolehi/ Revisions made based on the latest data available

Jadual 2 (i) : Indeks Volum Perkhidmatan mengikut Subsektor

Table 2 (i) : Volume Index of Services by Sub-sector

(2015=100)

Subsektor <i>Sub-sector</i>		Perdagangan Borong & Runcit, Makanan & Minuman dan Penginapan <i>Wholesale & Retail Trade, Food & Beverages and Accommodation</i>	Perdagangan Borong & Runcit <i>Wholesale & Retail Trade</i>	Makanan & Minuman <i>Food & Beverages</i>	Penginapan <i>Accommodation</i>
Tempoh <i>Period</i>					
Wajaran/ Weight		45.2	37.9	5.7	1.6
a. Indeks Volum/ Volume Index					
2015		100.0	100.0	100.0	100.0
2016		106.1	106.0	106.4	105.8
2017		113.5	113.4	114.3	111.9
2018		122.4	122.1	124.9	119.0
2019		130.5	129.5	137.7	127.2
2020		118.0	121.6	109.5	63.8
2021		118.6	124.3	100.5	47.7
2017	Q1	110.6	110.7	111.4	106.5
	Q2	112.2	112.6	110.7	108.1
	Q3	114.0	114.2	111.8	115.8
	Q4	117.2	116.2	123.1	117.4
2018	Q1	118.0	117.9	119.8	113.2
	Q2	120.3	120.4	121.2	114.8
	Q3	124.2	124.5	122.9	123.1
	Q4	126.9	125.7	135.6	125.1
2019	Q1	126.2	125.5	132.0	120.7
	Q2	128.3	127.8	133.4	122.7
	Q3	132.4	132.0	135.3	131.3
	Q4	135.0	132.8	149.9	133.9
2020	Q1	128.1	127.5	135.9	115.8
	Q2	94.4	97.8	91.1	26.0
	Q3	123.8	129.4	104.8	61.0
	Q4	125.6	131.7	106.4	52.4
2021	Q1	123.5	129.6	104.4	47.8
	Q2	113.5	119.3	96.9	38.0
	Q3	108.8	114.8	92.2	28.2
	Q4	128.5	133.7	108.5	76.8
2022	Q1^r	131.3	134.7	121.4	88.8
	Q2^p	138.8	142.2	125.3	106.1

^p **Data Awalan/ Preliminary Data**

^r **Kemaskini dibuat berdasarkan data terkini yang diperolehi/ Revisions made based on the latest data available**

Jadual 2 (i) : Indeks Volum Perkhidmatan mengikut Subsektor (samb.)

Table 2 (i) : Volume Index of Services by Sub-sector (cont'd.)

(2015=100)

Tempoh Period	Subsektor Sub-sector	Perdagangan Borong & Runcit, Makanan & Minuman dan Penginapan Wholesale & Retail Trade, Food & Beverages and Accommodation	Perdagangan Borong & Runcit Wholesale & Retail Trade	Makanan & Minuman Food & Beverages	Penginapan Accommodation
Wajaran/ Weight		45.2	37.9	5.7	1.6

b. Peratus Perubahan Suku Tahun ke Suku Tahun/ Percentage Change Quarter-on-Quarter

2019	Q1	-0.6	-0.1	-2.6	-3.5
	Q2	1.7	1.8	1.0	1.6
	Q3	3.2	3.3	1.5	7.0
	Q4	2.0	0.6	10.8	2.0
2020	Q1	-5.1	-4.0	-9.3	-13.6
	Q2	-26.3	-23.2	-33.0	-77.6
	Q3	31.1	32.2	15.1	134.5
	Q4	1.4	1.8	1.5	-14.0
2021	Q1	-1.7	-1.6	-1.8	-8.8
	Q2	-8.1	-8.0	-7.2	-20.4
	Q3	-4.1	-3.7	-4.9	-25.8
	Q4	18.0	16.4	17.8	172.2
2022	Q1 ^r	2.2	0.7	11.9	15.6
	Q2 ^p	5.7	5.6	3.2	19.5

c. Peratus Perubahan Tahun ke Tahun/ Percentage Change Year-on-Year

2019		6.6	6.1	10.2	6.8
2020		-9.6	-6.1	-20.4	-49.8
2021		0.5	2.3	-8.3	-25.2
2019	Q1	6.9	6.4	10.2	6.6
	Q2	6.6	6.1	10.0	6.8
	Q3	6.6	6.0	10.1	6.7
	Q4	6.4	5.7	10.6	7.1
2020	Q1	1.5	1.5	2.9	-4.1
	Q2	-26.4	-23.4	-31.7	-78.8
	Q3	-6.5	-2.0	-22.5	-53.6
	Q4	-7.0	-0.9	-29.1	-60.9
2021	Q1	-3.6	1.7	-23.2	-58.7
	Q2	20.2	21.9	6.4	46.3
	Q3	-12.1	-11.3	-12.1	-53.7
	Q4	2.3	1.5	2.1	46.6
2022	Q1 ^r	6.4	3.9	16.3	85.9
	Q2 ^p	22.3	19.3	29.4	179.0

^p Data Awalan/ Preliminary Data

^r Kemaskini dibuat berdasarkan data terkini yang diperolehi/ Revisions made based on the latest data available

Jadual 2 (i) : Indeks Volum Perkhidmatan mengikut Subsektor (samb.)

Table 2 (i) : Volume Index of Services by Sub-sector (cont'd.)

(2015=100)

Subsektor <i>Sub-sector</i>		Perkhidmatan Perniagaan dan Kewangan <i>Business Services and Finance</i>	Kewangan & Insurans <i>Finance & Insurance</i>	Profesional, Saintifik & Teknikal dan Pentadbiran & Khidmat Sokongan <i>Professional, Scientific & Technical and Administrative & Support Services</i>	Hartanah <i>Real Estate</i>
Tempoh <i>Period</i>					
Wajaran/ <i>Weight</i>		26.8	16.0	7.2	3.6
a. Indeks Volum/ <i>Volume Index</i>					
2015		100.0	100.0	100.0	100.0
2016		104.3	102.6	108.0	105.0
2017		110.5	107.4	117.4	110.6
2018		117.6	113.1	128.1	116.2
2019		124.7	118.4	140.0	122.3
2020		119.7	121.5	125.6	100.4
2021		122.9	133.4	117.2	87.6
2017	Q1	107.3	104.2	114.3	107.5
	Q2	106.9	102.0	116.4	110.0
	Q3	112.1	110.7	115.5	111.9
	Q4	115.7	112.9	123.2	113.0
2018	Q1	115.4	111.9	124.3	113.5
	Q2	113.4	106.7	127.3	115.7
	Q3	119.3	116.6	126.2	117.3
	Q4	122.1	117.4	134.5	118.3
2019	Q1	122.2	117.1	135.4	119.0
	Q2	120.5	111.7	139.4	121.8
	Q3	126.1	121.4	137.8	123.4
	Q4	129.9	123.3	147.2	124.8
2020	Q1	127.2	122.6	141.5	119.4
	Q2	103.3	104.8	110.4	82.8
	Q3	123.6	127.9	125.4	101.1
	Q4	124.7	130.5	125.2	98.4
2021	Q1	127.6	136.3	123.0	97.9
	Q2	120.4	129.2	119.5	83.3
	Q3	119.3	133.4	105.9	83.8
	Q4	124.2	134.8	120.2	85.2
2022	Q1 ^r	131.0	135.0	132.4	111.1
	Q2 ^p	129.7	127.6	142.3	113.8

^p Data Awalan/ *Preliminary Data*

^r Kemaskini dibuat berdasarkan data terkini yang diperolehi/ *Revisions made based on the latest data available*

Jadual 2 (i) : Indeks Volum Perkhidmatan mengikut Subsektor (samb.)

Table 2 (i) : Volume Index of Services by Sub-sector (cont'd.)

(2015=100)

Subsektor Sub-sector		Perkhidmatan Perniagaan dan Kewangan Business Services and Finance	Kewangan & Insurans Finance & Insurance	Profesional, Saintifik & Teknikal dan Pentadbiran & Khidmat Sokongan Professional, Scientific & Technical and Administrative & Support Services	Hartanah Real Estate
Tempoh Period					
Wajaran/ Weight		26.8	16.0	7.2	3.6
b. Peratus Perubahan Suku Tahun ke Suku Tahun/ Percentage Change Quarter-on-Quarter					
2019	Q1	0.1	-0.3	0.7	0.6
	Q2	-1.5	-4.6	2.9	2.4
	Q3	4.7	8.7	-1.1	1.3
	Q4	3.1	1.6	6.8	1.2
2020	Q1	-2.1	-0.6	-3.9	-4.4
	Q2	-18.8	-14.5	-22.0	-30.6
	Q3	19.6	22.0	13.6	22.1
	Q4	0.9	2.0	-0.1	-2.7
2021	Q1	2.3	4.5	-1.7	-0.5
	Q2	-5.6	-5.2	-2.9	-14.9
	Q3	-0.9	3.2	-11.4	0.6
	Q4	4.1	1.1	13.5	1.7
2022	Q1 ^r	5.5	0.1	10.1	30.3
	Q2 ^p	-1.0	-5.5	7.5	2.5
c. Peratus Perubahan Tahun ke Tahun/ Percentage Change Year-on-Year					
2019		6.1	4.6	9.3	5.2
2020		-4.0	2.6	-10.3	-17.9
2021		2.6	9.9	-6.7	-12.8
2019	Q1	5.9	4.6	9.0	4.9
	Q2	6.2	4.7	9.5	5.3
	Q3	5.7	4.1	9.2	5.2
	Q4	6.4	5.1	9.4	5.6
2020	Q1	4.1	4.7	4.5	0.3
	Q2	-14.2	-6.1	-20.8	-32.0
	Q3	-1.9	5.4	-9.0	-18.1
	Q4	-4.0	5.8	-15.0	-21.2
2021	Q1	0.3	11.2	-13.1	-18.0
	Q2	16.5	23.2	8.3	0.5
	Q3	-3.5	4.3	-15.5	-17.1
	Q4	-0.4	3.3	-4.0	-13.4
2022	Q1 ^r	2.7	-1.0	7.6	13.5
	Q2 ^p	7.7	-1.3	19.1	36.7

^p Data Awalan/ Preliminary Data

^r Kemaskini dibuat berdasarkan data terkini yang diperolehi/ Revisions made based on the latest data available

Jadual 2 (i) : Indeks Volum Perkhidmatan mengikut Subsektor (samb.)

Table 2 (i) : Volume Index of Services by Sub-sector (cont'd.)

(2015=100)

Subsektor <i>Sub-sector</i>		Maklumat & Komunikasi dan Pengangkutan & Penyimpanan <i>Information & Communication and Transportation & Storage</i>	Maklumat & Komunikasi <i>Information & Communication</i>	Pengangkutan & Penyimpanan <i>Transportation & Storage</i>
Tempoh <i>Period</i>				
Wajaran/ Weight		21.9	12.9	9.0
a. Indeks Volum/ Volume Index				
2015		100.0	100.0	100.0
2016		106.8	108.0	105.1
2017		114.7	117.1	111.2
2018		123.1	126.8	117.9
2019		131.1	135.0	125.5
2020		124.0	142.8	97.2
2021		130.2	152.1	99.0
2017	Q1	111.0	113.4	107.6
	Q2	114.1	117.9	108.8
	Q3	116.5	120.0	111.5
	Q4	117.0	117.0	117.0
2018	Q1	118.9	122.8	113.4
	Q2	122.7	128.0	115.2
	Q3	125.3	130.0	118.5
	Q4	125.6	126.3	124.5
2019	Q1	127.0	131.6	120.5
	Q2	130.6	136.0	122.9
	Q3	133.0	137.8	126.1
	Q4	133.7	134.6	132.5
2020	Q1	130.4	140.0	116.6
	Q2	111.3	142.2	67.1
	Q3	128.2	144.8	104.5
	Q4	126.3	144.1	100.7
2021	Q1	127.8	148.9	97.5
	Q2	127.0	150.4	93.6
	Q3	128.1	153.4	91.8
	Q4	138.1	155.7	113.0
2022	Q1^r	143.6	157.9	123.3
	Q2^p	147.8	159.2	131.4

^p **Data Awal/ Preliminary Data**

^r **Kemaskini dibuat berdasarkan data terkini yang diperolehi/ Revisions made based on the latest data available**

Jadual 2 (i) : Indeks Volum Perkhidmatan mengikut Subsektor (samb.)

Table 2 (i) : Volume Index of Services by Sub-sector (cont'd.)

(2015=100)

Subsektor Sub-sector		Maklumat & Komunikasi dan Pengangkutan & Penyimpanan Information & Communication and Transportation & Storage	Maklumat & Komunikasi Information & Communication	Pengangkutan & Penyimpanan Transportation & Storage
Tempoh Period				
Wajaran/ Weight		21.9	12.9	9.0
b. Peratus Perubahan Suku Tahun ke Suku Tahun/ Percentage Change Quarter-on-Quarter				
2019	Q1	1.1	4.2	-3.3
	Q2	2.8	3.4	2.0
	Q3	1.8	1.3	2.7
	Q4	0.6	-2.3	5.0
2020	Q1	-2.5	4.0	-12.0
	Q2	-14.6	1.6	-42.5
	Q3	15.2	1.8	55.8
	Q4	-1.5	-0.4	-3.7
2021	Q1	1.2	3.3	-3.2
	Q2	-0.6	1.0	-4.0
	Q3	0.8	2.0	-2.0
	Q4	7.9	1.5	23.2
2022	Q1 ^r	4.0	1.4	9.0
	Q2 ^p	2.9	0.9	6.6
c. Peratus Perubahan Tahun ke Tahun/ Percentage Change Year-on-Year				
2019		6.5	6.5	6.5
2020		-5.4	5.7	-22.5
2021		5.0	6.5	1.8
2019	Q1	6.8	7.2	6.3
	Q2	6.4	6.3	6.7
	Q3	6.2	6.0	6.5
	Q4	6.5	6.6	6.4
2020	Q1	2.7	6.4	-3.2
	Q2	-14.8	4.5	-45.4
	Q3	-3.6	5.1	-17.1
	Q4	-5.6	7.1	-24.0
2021	Q1	-2.0	6.4	-16.4
	Q2	14.2	5.8	39.6
	Q3	-0.1	6.0	-12.2
	Q4	9.4	8.0	12.3
2022	Q1 ^r	12.4	6.0	26.4
	Q2 ^p	16.4	5.9	40.4

^p Data Awalan/ Preliminary Data

^r Kemaskini dibuat berdasarkan data terkini yang diperolehi/ Revisions made based on the latest data available

Jadual 2 (i) : Indeks Volum Perkhidmatan mengikut Subsektor (samb.)

Table 2 (i) : Volume Index of Services by Sub-sector (cont'd.)

(2015=100)

Subsektor Sub-sector		Kesenian, Hiburan & Rekreasi dan Perkhidmatan Persendirian & Lain-lain Aktiviti Arts, Entertainment & Recreation and Personal Services & Other Activities				Pendidikan Swasta Private Education	Kesihatan Swasta Private Health
Tempoh Period		Perkhidmatan Lain Other Services					
Wajaran/ Weight		6.1	2.6	1.9	1.6		
a. Indeks Volum/ Volume Index							
2015		100.0	100.0	100.0	100.0		
2016		105.6	105.1	106.5	105.4		
2017		112.1	111.9	113.2	111.3		
2018		119.6	121.0	119.2	118.0		
2019		127.2	130.6	125.0	124.5		
2020		99.1	75.7	115.7	116.2		
2021		89.8	52.8	109.2	125.0		
2017	Q1	107.8	109.5	105.3	108.0		
	Q2	109.9	109.0	108.2	113.3		
	Q3	114.4	112.0	120.1	111.5		
	Q4	116.4	117.1	119.1	112.3		
2018	Q1	114.8	117.4	111.3	114.9		
	Q2	117.4	118.1	114.0	120.2		
	Q3	122.2	121.4	126.6	118.2		
	Q4	124.1	127.0	124.8	118.8		
2019	Q1	122.3	127.5	116.3	121.1		
	Q2	124.5	126.9	119.6	126.5		
	Q3	130.0	131.0	132.8	125.0		
	Q4	132.2	137.2	131.4	125.4		
2020	Q1	121.2	120.2	120.8	123.3		
	Q2	73.3	30.6	104.8	103.1		
	Q3	101.6	76.6	120.3	118.8		
	Q4	100.2	75.4	116.9	119.6		
2021	Q1	90.7	61.1	107.7	117.1		
	Q2	88.7	51.4	107.3	125.3		
	Q3	80.0	26.3	111.9	126.6		
	Q4	99.9	72.3	110.1	131.0		
2022	Q1 ^r	102.7	77.5	110.9	132.5		
	Q2 ^p	105.2	79.7	113.2	135.8		

^p Data Awalan/ Preliminary Data

^r Kemaskini dibuat berdasarkan data terkini yang diperolehi/ Revisions made based on the latest data available

Jadual 2 (i) : Indeks Volum Perkhidmatan mengikut Subsektor (samb.)

Table 2 (i) : Volume Index of Services by Sub-sector (cont'd.)

(2015=100)

Subsektor Sub-sector		Perkhidmatan Lain Other Services	Kesenian, Hiburan & Rekreasi dan Perkhidmatan Persendirian & Lain-lain Aktiviti Arts, Entertainment & Recreation and Personal Services & Other Activities	Pendidikan Swasta Private Education	Kesihatan Swasta Private Health
Tempoh Period					
Wajaran/ Weight		6.1	2.6	1.9	1.6
b. Peratus Perubahan Suku Tahun ke Suku Tahun/ Percentage Change Quarter-on-Quarter					
2019	Q1	-1.5	0.4	-6.8	2.0
	Q2	1.8	-0.5	2.8	4.5
	Q3	4.4	3.2	11.1	-1.2
	Q4	1.7	4.8	-1.1	0.3
2020	Q1	-8.3	-12.5	-8.0	-1.7
	Q2	-39.5	-74.5	-13.3	-16.4
	Q3	38.6	150.4	14.8	15.2
	Q4	-1.3	-1.6	-2.8	0.7
2021	Q1	-9.5	-19.0	-7.9	-2.1
	Q2	-2.2	-15.9	-0.3	7.1
	Q3	-9.8	-48.8	4.3	1.0
	Q4	24.8	174.8	-1.6	3.4
2022	Q1 ^r	2.9	7.3	0.8	1.1
	Q2 ^p	2.4	2.8	2.0	2.5
c. Peratus Perubahan Tahun ke Tahun/ Percentage Change Year-on-Year					
2019		6.4	8.0	4.9	5.5
2020		-22.1	-42.1	-7.5	-6.7
2021		-9.3	-30.3	-5.6	7.6
2019	Q1	6.5	8.6	4.6	5.4
	Q2	6.1	7.4	4.9	5.3
	Q3	6.4	7.8	4.9	5.8
	Q4	6.5	8.0	5.3	5.6
2020	Q1	-0.9	-5.8	3.9	1.8
	Q2	-41.1	-75.9	-12.4	-18.5
	Q3	-21.8	-41.5	-9.4	-5.0
	Q4	-24.2	-45.1	-11.0	-4.7
2021	Q1	-25.2	-49.2	-10.9	-5.1
	Q2	21.1	68.0	2.5	21.5
	Q3	-21.2	-65.7	-7.0	6.6
	Q4	-0.4	-4.1	-5.8	9.5
2022	Q1 ^r	13.3	26.9	3.0	13.2
	Q2 ^p	18.6	55.0	5.4	8.3

^p Data Awalan/ Preliminary Data

^r Kemaskini dibuat berdasarkan data terkini yang diperolehi/ Revisions made based on the latest data available

Jadual 3 (i) : Indeks Volum Perdagangan Borong & Runcit mengikut Aktiviti
Table 3 (i) : Volume Index of Wholesale & Retail Trade by Activity
(2015=100)

Subsektor <i>Sub-sector</i>		Perdagangan Borong & Runcit <i>Wholesale & Retail Trade</i>	Perdagangan Borong <i>Wholesale Trade</i>	Perdagangan Runcit <i>Retail Trade</i>	Kenderaan Bermotor <i>Motor Vehicles</i>
Tempoh <i>Period</i>					
Wajaran/ Weight		37.9	16.9	16.1	4.9
a. Indeks Volum/ Volume Index					
2015		100.0	100.0	100.0	100.0
2016		106.0	108.2	107.1	96.9
2017		113.4	115.0	117.3	98.0
2018		122.1	122.8	128.9	101.1
2019		129.5	128.5	139.5	104.6
2020		121.6	121.8	131.0	94.0
2021		124.3	126.5	135.6	85.2
2017	Q1	110.7	110.4	115.9	97.5
	Q2	112.6	114.3	115.9	98.1
	Q3	114.2	117.1	116.9	98.2
	Q4	116.2	118.2	120.6	98.4
2018	Q1	117.9	118.8	124.6	96.9
	Q2	120.4	122.2	125.3	101.5
	Q3	124.5	124.7	131.1	105.7
	Q4	125.7	125.6	134.8	100.3
2019	Q1	125.5	123.8	136.1	101.2
	Q2	127.8	127.0	136.5	105.6
	Q3	132.0	131.5	141.2	107.7
	Q4	132.8	131.8	144.2	103.9
2020	Q1	127.5	126.8	138.6	97.6
	Q2	97.8	102.5	107.6	54.9
	Q3	129.4	126.9	138.0	113.7
	Q4	131.7	131.3	139.9	109.9
2021	Q1	129.6	127.9	140.0	105.7
	Q2	119.3	124.1	130.8	70.3
	Q3	114.8	122.9	128.8	48.7
	Q4	133.7	131.3	142.7	116.0
2022	Q1^r	134.7	129.4	147.2	115.0
	Q2^p	142.2	131.0	162.1	117.0

^p **Data Awalan/ Preliminary Data**
^r **Kemaskini dibuat berdasarkan data terkini yang diperolehi/ Revisions made based on the latest data available**

Jadual 3 (i) : Indeks Volum Perdagangan Borong & Runcit mengikut Aktiviti (samb.)

Table 3 (i) : Volume Index of Wholesale & Retail Trade by Activity (cont'd.)

(2015=100)

Subsektor Sub-sector		Perdagangan Borong & Runcit Wholesale & Retail Trade	Perdagangan Borong Wholesale Trade	Perdagangan Runcit Retail Trade	Kenderaan Bermotor Motor Vehicles
Tempoh Period					
Wajaran/ Weight		37.9	16.9	16.1	4.9
b. Peratus Perubahan Suku Tahun ke Suku Tahun/ Percentage Change Quarter-on-Quarter					
2019	Q1	-0.1	-1.5	0.9	0.9
	Q2	1.8	2.6	0.3	4.3
	Q3	3.3	3.5	3.5	2.0
	Q4	0.6	0.2	2.1	-3.6
2020	Q1	-4.0	-3.7	-3.8	-6.0
	Q2	-23.2	-19.2	-22.4	-43.8
	Q3	32.2	23.8	28.3	107.1
	Q4	1.8	3.5	1.4	-3.3
2021	Q1	-1.6	-2.6	0.1	-3.8
	Q2	-8.0	-3.0	-6.6	-33.4
	Q3	-3.7	-0.9	-1.6	-30.8
	Q4	16.4	6.8	10.8	138.2
2022	Q1 ^r	0.7	-1.5	3.2	-0.9
	Q2 ^p	5.6	1.3	10.1	1.8
c. Peratus Perubahan Tahun ke Tahun/ Percentage Change Year-on-Year					
2019		6.1	4.6	8.2	3.5
2020		-6.1	-5.2	-6.1	-10.1
2021		2.3	3.8	3.5	-9.4
2019	Q1	6.4	4.2	9.3	4.4
	Q2	6.1	4.0	9.0	4.1
	Q3	6.0	5.4	7.8	1.9
	Q4	5.7	4.9	6.9	3.6
2020	Q1	1.5	2.5	1.8	-3.5
	Q2	-23.4	-19.3	-21.2	-48.0
	Q3	-2.0	-3.5	-2.3	5.5
	Q4	-0.9	-0.4	-2.9	5.8
2021	Q1	1.7	0.8	1.0	8.2
	Q2	21.9	21.1	21.6	28.2
	Q3	-11.3	-3.1	-6.7	-57.2
	Q4	1.5	0.03	2.0	5.6
2022	Q1 ^r	3.9	1.2	5.1	8.8
	Q2 ^p	19.3	5.6	23.9	66.4

^p Data Awal/ Preliminary Data^r Kemaskini dibuat berdasarkan data terkini yang diperolehi/ Revisions made based on the latest data available

Jadual 3 (ii) : Indeks Volum Kewangan & Insurans mengikut Aktiviti
Table 3 (ii) : Volume Index of Finance & Insurance by Activity
(2015=100)

Subsektor <i>Sub-sector</i>		Kewangan & Insurans <i>Finance & Insurance</i>	Kewangan <i>Finance</i>	Insurans <i>Insurance</i>
Tempoh <i>Period</i>				
Wajaran/ Weight		16.0	12.6	3.4
a. Indeks Volum/ Volume Index				
2015		100.0	100.0	100.0
2016		102.6	101.4	106.4
2017		107.4	106.5	110.4
2018		113.1	110.7	121.0
2019		118.4	115.7	127.0
2020		121.5	118.4	131.4
2021		133.4	129.2	147.0
2017	Q1	104.2	102.1	110.6
	Q2	102.0	102.5	100.3
	Q3	110.7	110.0	112.8
	Q4	112.9	111.4	117.6
2018	Q1	111.9	109.0	121.2
	Q2	106.7	104.6	113.4
	Q3	116.6	114.1	124.5
	Q4	117.4	115.1	124.7
2019	Q1	117.1	111.7	134.4
	Q2	111.7	110.3	115.8
	Q3	121.4	119.0	129.1
	Q4	123.3	121.7	128.5
2020	Q1	122.6	116.2	143.2
	Q2	104.8	100.2	119.8
	Q3	127.9	128.2	127.1
	Q4	130.5	128.9	135.4
2021	Q1	136.3	129.2	159.2
	Q2	129.2	128.3	132.0
	Q3	133.4	128.8	148.1
	Q4	134.8	130.5	148.6
2022	Q1^r	135.0	126.5	162.2
	Q2^p	127.6	128.8	123.7

^p **Data Awalan/ Preliminary Data**
^r **Kemaskini dibuat berdasarkan data terkini yang diperolehi/ Revisions made based on the latest data available**

Jadual 3 (ii) : Indeks Volum Kewangan & Insurans mengikut Aktiviti (samb.)
Table 3 (ii) : Volume Index of Finance & Insurance by Activity (cont'd.)
(2015=100)

Subsektor <i>Sub-sector</i>		Kewangan & Insurans <i>Finance & Insurance</i>	Kewangan <i>Finance</i>	Insurans <i>Insurance</i>
Tempoh <i>Period</i>				
Wajaran/ <i>Weight</i>		16.0	12.6	3.4
b. Peratus Perubahan Suku Tahun ke Suku Tahun/ <i>Percentage Change Quarter-on-Quarter</i>				
2019	Q1	-0.3	-3.0	7.7
	Q2	-4.6	-1.2	-13.8
	Q3	8.7	7.8	11.5
	Q4	1.6	2.3	-0.4
2020	Q1	-0.6	-4.6	11.4
	Q2	-14.5	-13.7	-16.3
	Q3	22.0	27.9	6.1
	Q4	2.0	0.6	6.5
2021	Q1	4.5	0.2	17.5
	Q2	-5.2	-0.7	-17.1
	Q3	3.2	0.3	12.2
	Q4	1.1	1.3	0.3
2022	Q1 ^r	0.1	-3.1	9.1
	Q2 ^p	-5.5	1.8	-23.7
c. Peratus Perubahan Tahun ke Tahun/ <i>Percentage Change Year-on-Year</i>				
2019		4.6	4.5	5.0
2020		2.6	2.3	3.5
2021		9.9	9.2	11.9
2019	Q1	4.6	2.4	10.8
	Q2	4.7	5.5	2.1
	Q3	4.1	4.2	3.7
	Q4	5.1	5.7	3.0
2020	Q1	4.7	4.0	6.6
	Q2	-6.1	-9.2	3.4
	Q3	5.4	7.7	-1.5
	Q4	5.8	5.9	5.4
2021	Q1	11.2	11.2	11.2
	Q2	23.2	28.1	10.2
	Q3	4.3	0.5	16.5
	Q4	3.3	1.2	9.7
2022	Q1 ^r	-1.0	-2.1	1.9
	Q2 ^p	-1.3	0.3	-6.3

^p Data Awalan/ *Preliminary Data*
^r Kemaskini dibuat berdasarkan data terkini yang diperolehi/ *Revisions made based on the latest data available*

Jadual 3 (iii) : Indeks Volum Maklumat & Komunikasi mengikut Aktiviti*Table 3 (iii) : Volume Index of Information & Communication by Activity***(2015=100)**

Subsektor <i>Sub-sector</i>		Maklumat & Komunikasi <i>Information & Communication</i>	Telekomunikasi <i>Telecommunications</i>	Komputer & Perkhidmatan Maklumat <i>Computer & Information Service</i>	Aktiviti Penerbitan & Penyiaran <i>Publishing & Broadcasting Activities</i>
Tempoh <i>Period</i>					
Wajaran/ <i>Weight</i>		12.9	8.0	3.5	1.4
a. Indeks Volum/ <i>Volume Index</i>					
2015		100.0	100.0	100.0	100.0
2016		108.0	109.5	106.4	103.7
2017		117.1	119.6	114.0	110.8
2018		126.8	130.4	123.1	116.2
2019		135.0	139.8	130.9	119.5
2020		142.8	153.1	135.3	105.7
2021		152.1	165.8	141.2	104.9
2017	Q1	113.4	114.2	113.7	108.3
	Q2	117.9	118.8	118.3	112.3
	Q3	120.0	122.9	117.9	109.5
	Q4	117.0	122.7	106.0	112.9
2018	Q1	122.8	124.5	122.4	114.3
	Q2	128.0	129.7	128.8	116.7
	Q3	130.0	134.0	127.1	115.7
	Q4	126.3	133.4	114.0	118.0
2019	Q1	131.6	134.5	130.9	117.7
	Q2	136.0	138.6	137.4	119.1
	Q3	137.8	143.0	134.3	118.3
	Q4	134.6	142.9	120.9	122.9
2020	Q1	140.0	147.2	135.3	112.8
	Q2	142.2	150.1	141.5	101.8
	Q3	144.8	155.3	138.4	103.7
	Q4	144.1	159.7	125.9	104.6
2021	Q1	148.9	161.5	140.4	102.1
	Q2	150.4	165.0	138.1	101.4
	Q3	153.4	168.3	140.6	105.2
	Q4	155.7	168.6	145.6	111.1
2022	Q1 ^r	157.9	170.6	148.3	112.7
	Q2 ^p	159.2	172.3	149.3	113.2

^p **Data Awalan/ *Preliminary Data***^r **Kemaskini dibuat berdasarkan data terkini yang diperoleh/ *Revisions made based on the latest data available***

Jadual 3 (iii) : Indeks Volum Maklumat & Komunikasi mengikut Aktiviti (samb.)

Table 3 (iii) : Volume Index of Information & Communication by Activity (cont'd.)

(2015=100)

Subsektor Sub-sector		Maklumat & Komunikasi Information & Communication	Telekomunikasi Telecommunications	Komputer & Perkhidmatan Maklumat Computer & Information Service	Aktiviti Penerbitan & Penyiaran Publishing & Broadcasting Activities
Tempoh Period					
Wajaran/ Weight		12.9	8.0	3.5	1.4
b. Peratus Perubahan Suku Tahun ke Suku Tahun/ Percentage Change Quarter-on-Quarter					
2019	Q1	4.2	0.8	14.8	-0.2
	Q2	3.4	3.1	5.0	1.2
	Q3	1.3	3.2	-2.2	-0.7
	Q4	-2.3	-0.04	-10.0	3.8
2020	Q1	4.0	3.0	11.9	-8.2
	Q2	1.6	1.9	4.6	-9.8
	Q3	1.8	3.5	-2.2	1.8
	Q4	-0.4	2.8	-9.0	0.9
2021	Q1	3.3	1.1	11.5	-2.4
	Q2	1.0	2.2	-1.6	-0.6
	Q3	2.0	1.9	1.8	3.7
	Q4	1.5	0.2	3.6	5.6
2022	Q1 ^r	1.4	1.2	1.8	1.5
	Q2 ^p	0.9	1.0	0.7	0.5
c. Peratus Perubahan Tahun ke Tahun/ Percentage Change Year-on-Year					
2019		6.5	7.2	6.4	2.9
2020		5.7	9.5	3.3	-11.5
2021		6.5	8.3	4.4	-0.7
2019	Q1	7.2	8.0	7.0	3.0
	Q2	6.3	6.8	6.7	2.1
	Q3	6.0	6.7	5.7	2.3
	Q4	6.6	7.2	6.1	4.1
2020	Q1	6.4	9.5	3.4	-4.1
	Q2	4.5	8.3	2.9	-14.5
	Q3	5.1	8.6	3.0	-12.4
	Q4	7.1	11.7	4.2	-14.9
2021	Q1	6.4	9.7	3.8	-9.5
	Q2	5.8	10.0	-2.4	-0.4
	Q3	6.0	8.3	1.6	1.5
	Q4	8.0	5.6	15.6	6.2
2022	Q1 ^r	6.0	5.6	5.6	10.4
	Q2 ^p	5.9	4.4	8.1	11.6

^p Data Awalan/ Preliminary Data

^r Kemaskini dibuat berdasarkan data terkini yang diperolehi/ Revisions made based on the latest data available

Jadual 3 (iv) : Indeks Volum Pengangkutan & Penyimpanan mengikut Aktiviti*Table 3 (iv) : Volume Index of Transportation & Storage by Activity***(2015=100)**

Subsektor <i>Sub-sector</i>		Pengangkutan & Penyimpanan <i>Transportation & Storage</i>	Penggudangan & Aktiviti Sokongan; Pos & Kurier <i>Warehousing & Supporting Activities; Postal & Courier</i>	Pengangkutan Darat <i>Land Transport</i>	Pengangkutan Air <i>Water Transport</i>	Pengangkutan Udara <i>Air Transport</i>
Tempoh <i>Period</i>						
Wajaran/ <i>Weight</i>		9.0	4.4	2.1	1.3	1.2
a. Indeks Volum/ <i>Volume Index</i>						
2015		100.0	100.0	100.0	100.0	100.0
2016		105.1	105.9	106.6	102.4	102.4
2017		111.2	113.2	113.8	105.6	105.4
2018		117.9	121.7	121.7	109.0	107.0
2019		125.5	131.2	130.7	112.3	109.9
2020		97.2	115.4	94.1	100.2	35.1
2021		99.0	119.5	97.6	102.9	24.5
2017	Q1	107.6	109.3	109.5	105.3	100.9
	Q2	108.8	111.0	111.9	103.2	101.2
	Q3	111.5	113.4	115.1	101.8	108.6
	Q4	117.0	119.3	118.9	111.9	111.1
2018	Q1	113.4	116.3	116.5	108.1	102.7
	Q2	115.2	119.2	119.6	106.3	102.4
	Q3	118.5	122.3	123.4	105.4	109.8
	Q4	124.5	128.8	127.4	116.0	113.3
2019	Q1	120.5	125.2	125.0	111.5	104.9
	Q2	122.9	128.9	128.5	110.0	104.8
	Q3	126.1	131.9	132.4	108.6	113.0
	Q4	132.5	138.7	136.9	119.0	116.7
2020	Q1	116.6	127.7	118.1	106.4	85.2
	Q2	67.1	89.9	49.8	71.6	11.4
	Q3	104.5	124.8	107.6	108.8	23.0
	Q4	100.7	119.3	101.0	113.8	20.7
2021	Q1	97.5	119.2	97.3	102.1	16.2
	Q2	93.6	116.1	88.5	97.1	19.4
	Q3	91.8	112.1	90.0	100.8	13.3
	Q4	113.0	130.8	114.4	111.7	49.2
2022	Q1 ^r	123.3	142.7	125.1	111.8	62.9
	Q2 ^p	131.4	148.4	132.0	112.0	90.3

^p Data Awalan/ *Preliminary Data*^r Kemaskini dibuat berdasarkan data terkini yang diperolehi/ *Revisions made based on the latest data available*

Jadual 3 (iv) : Indeks Volum Pengangkutan & Penyimpanan mengikut Aktiviti (samb.)

Table 3 (iv) : Volume Index of Transportation & Storage by Activity (cont'd.)

(2015=100)

Subsektor <i>Sub-sector</i>		Pengangkutan & Penyimpanan <i>Transportation & Storage</i>	Penggudangan & Aktiviti Sokongan; Pos & Kurier <i>Warehousing & Supporting Activities; Postal & Courier</i>	Pengangkutan Darat <i>Land Transport</i>	Pengangkutan Air <i>Water Transport</i>	Pengangkutan Udara <i>Air Transport</i>
Tempoh <i>Period</i>						
Wajaran/ <i>Weight</i>		9.0	4.4	2.1	1.3	1.2
b. Peratus Perubahan Suku Tahun ke Suku Tahun/ <i>Percentage Change Quarter-on-Quarter</i>						
2019	Q1	-3.3	-2.7	-1.9	-3.9	-7.4
	Q2	2.0	2.9	2.8	-1.3	-0.02
	Q3	2.7	2.3	3.0	-1.3	7.8
	Q4	5.0	5.2	3.4	9.5	3.3
2020	Q1	-12.0	-8.0	-13.7	-10.5	-27.0
	Q2	-42.5	-29.6	-57.8	-32.7	-86.6
	Q3	55.8	38.8	115.9	51.9	101.0
	Q4	-3.7	-4.3	-6.2	4.5	-9.9
2021	Q1	-3.2	-0.1	-3.6	-10.2	-21.9
	Q2	-4.0	-2.7	-9.0	-4.9	19.9
	Q3	-2.0	-3.4	1.7	3.9	-31.2
	Q4	23.2	16.6	27.2	10.8	268.4
2022	Q1 ^r	9.0	9.1	9.3	0.1	28.0
	Q2 ^p	6.6	4.0	5.5	0.1	43.4
c. Peratus Perubahan Tahun ke Tahun/ <i>Percentage Change Year-on-Year</i>						
2019		6.5	7.8	7.4	3.0	2.7
2020		-22.5	-12.0	-28.0	-10.8	-68.1
2021		1.8	3.6	3.7	2.8	-30.1
2019	Q1	6.3	7.6	7.3	3.1	2.1
	Q2	6.7	8.1	7.4	3.5	2.4
	Q3	6.5	7.8	7.3	3.1	3.0
	Q4	6.4	7.8	7.5	2.5	3.0
2020	Q1	-3.2	1.9	-5.5	-4.6	-18.7
	Q2	-45.4	-30.3	-61.2	-34.9	-89.1
	Q3	-17.1	-5.4	-18.7	0.2	-79.7
	Q4	-24.0	-14.0	-26.2	-4.4	-82.3
2021	Q1	-16.4	-6.6	-17.6	-4.1	-81.0
	Q2	39.6	29.1	77.6	35.5	69.5
	Q3	-12.2	-10.1	-16.4	-7.3	-41.9
	Q4	12.3	9.6	13.3	-1.8	137.3
2022	Q1 ^r	26.4	19.7	28.6	9.5	289.2
	Q2 ^p	40.4	27.9	49.1	15.3	365.6

^p Data Awalan/ *Preliminary Data*

^r Kemaskini dibuat berdasarkan data terkini yang diperolehi/ *Revisions made based on the latest data available*

Jadual 4 : Indeks Volum Perkhidmatan Pelarasan Musim Mengikut Segmen

Table 4 : Seasonally Adjusted Volume Index of Services by Segment

(2015=100)

Tempoh Period	Segmen Segment	Perkhidmatan Services	Perdagangan Borong & Runcit, Makanan & Minuman dan Penginapan Wholesale & Retail Trade, Food & Beverages and Accommodation	Perkhidmatan Perniagaan dan Kewangan Business Services and Finance	Maklumat & Komunikasi dan Pengangkutan & Penyimpanan Information & Communication and Transportation & Storage	Perkhidmatan Lain Other Services
Wajaran/ Weight		100.0	45.2	26.8	21.9	6.1
a. Indeks Volum/ Volume Index						
2018	Q1	117.5	118.0	115.2	119.5	116.5
	Q2	121.0	122.7	116.8	122.7	119.7
	Q3	123.0	124.4	119.2	125.2	121.3
	Q4	122.6	124.0	118.9	124.9	120.4
2019	Q1	124.9	126.2	121.0	127.5	122.5
	Q2	129.4	131.6	124.0	131.4	129.1
	Q3	131.8	133.5	127.4	133.4	131.7
	Q4	129.5	130.7	126.5	132.0	125.8
2020	Q1	127.5	128.1	125.3	130.8	121.2
	Q2	102.0	97.4	108.2	111.7	75.3
	Q3	123.4	123.9	123.9	127.5	103.1
	Q4	120.4	121.1	121.0	125.5	95.0
2021	Q1	122.9	123.2	125.3	128.3	91.8
	Q2	120.3	117.7	124.9	128.0	92.0
	Q3	114.6	109.4	121.0	127.6	79.2
	Q4	123.6	123.1	120.7	136.8	93.6
2022	Q1 ^r	131.7	131.6	128.4	143.9	103.6
	Q2 ^p	141.1	144.2	135.1	150.4	110.6
b. Peratus Perubahan Suku Tahun ke Suku Tahun/ Percentage Change Quarter-on-Quarter						
2018	Q1	1.6	1.7	1.6	1.7	1.1
	Q2	3.0	4.0	1.4	2.7	2.8
	Q3	1.7	1.4	2.0	2.1	1.3
	Q4	-0.3	-0.3	-0.2	-0.3	-0.7
2019	Q1	1.8	1.8	1.7	2.1	1.7
	Q2	3.6	4.2	2.5	3.0	5.4
	Q3	1.8	1.5	2.8	1.5	2.0
	Q4	-1.7	-2.1	-0.8	-1.0	-4.5
2020	Q1	-1.6	-2.0	-0.9	-0.9	-3.7
	Q2	-20.0	-24.0	-13.7	-14.6	-37.9
	Q3	20.9	27.3	14.5	14.1	36.9
	Q4	-2.4	-2.2	-2.3	-1.6	-7.9
2021	Q1	2.1	1.7	3.5	2.2	-3.3
	Q2	-2.1	-4.5	-0.3	-0.2	0.2
	Q3	-4.7	-7.1	-3.1	-0.3	-13.9
	Q4	7.9	12.4	-0.2	7.3	18.2
2022	Q1 ^r	6.5	6.9	6.4	5.1	10.6
	Q2 ^p	7.1	9.6	5.2	4.5	6.8

^p Data Awalan/ Preliminary Data^r Kemaskini dibuat berdasarkan data terkini yang diperolehi/ Revisions made based on the latest data available

Jadual 4 : Indeks Volum Perkhidmatan Pelarasan Musim Mengikut Subsektor*Table 4 : Seasonally Adjusted Volume Index of Services by Sub-sector***(2015=100)**

Subsektor <i>Sub-sector</i>		Perdagangan Borong & Runcit, Makanan & Minuman dan Penginapan <i>Wholesale & Retail Trade, Food & Beverages and Accommodation</i>	Perdagangan Borong & Runcit <i>Wholesale & Retail Trade</i>	Makanan & Minuman <i>Food & Beverages</i>	Penginapan <i>Accommodation</i>
Tempoh <i>Period</i>					
Wajaran/ <i>Weight</i>		45.2	37.9	5.7	1.6
a. Indeks Volum/ <i>Volume Index</i>					
2018	Q1	118.0	117.8	119.9	114.2
	Q2	122.7	122.6	124.7	119.0
	Q3	124.4	123.8	127.1	128.6
	Q4	124.0	123.9	127.2	115.3
2019	Q1	126.2	126.0	130.8	116.0
	Q2	131.6	130.9	137.8	125.3
	Q3	133.5	131.1	141.9	161.6
	Q4	130.7	129.7	140.1	121.4
2020	Q1	128.1	128.1	133.9	107.7
	Q2	97.4	100.5	94.6	34.0
	Q3	123.9	128.5	110.8	63.3
	Q4	121.1	127.7	98.8	45.7
2021	Q1	123.2	129.8	102.4	43.8
	Q2	117.7	123.6	100.9	40.9
	Q3	109.4	114.3	97.9	37.2
	Q4	123.1	128.9	100.5	65.4
2022	Q1 ^r	131.6	135.7	118.8	81.1
	Q2 ^p	144.2	147.2	130.8	123.0
b. Peratus Perubahan Suku Tahun ke Suku Tahun/ <i>Percentage Change Quarter-on-Quarter</i>					
2018	Q1	1.7	1.7	2.1	-0.2
	Q2	4.0	4.0	4.0	4.2
	Q3	1.4	1.0	1.9	8.1
	Q4	-0.3	0.1	0.1	-10.4
2019	Q1	1.8	1.7	2.9	0.7
	Q2	4.2	3.9	5.3	8.0
	Q3	1.5	0.1	3.0	29.0
	Q4	-2.1	-1.1	-1.3	-24.8
2020	Q1	-2.0	-1.2	-4.4	-11.3
	Q2	-24.0	-21.5	-29.3	-68.5
	Q3	27.3	27.8	17.1	86.4
	Q4	-2.2	-0.6	-10.8	-27.7
2021	Q1	1.7	1.6	3.6	-4.2
	Q2	-4.5	-4.8	-1.4	-6.6
	Q3	-7.1	-7.5	-3.0	-9.2
	Q4	12.4	12.8	2.7	76.0
2022	Q1 ^r	6.9	5.2	18.2	24.0
	Q2 ^p	9.6	8.5	10.1	51.7

^p Data Awalan/ *Preliminary Data*^r Kemaskini dibuat berdasarkan data terkini yang diperolehi/ *Revisions made based on the latest data available*

Jadual 4 : Indeks Volum Perkhidmatan Pelarasan Musim Mengikut Subsektor (samb.)

Table 4 : Seasonally Adjusted Volume Index of Services by Sub-sector (cont'd.)

(2015=100)

Subsektor <i>Sub-sector</i>		Perkhidmatan Perniagaan dan Kewangan <i>Business Services and Finance</i>	Kewangan & Insurans <i>Finance & Insurance</i>	Profesional, Saintifik & Teknikal dan Pentadbiran & Khidmat Sokongan <i>Professional, Scientific & Technical and Administrative & Support Services</i>	Hartanah <i>Real Estate</i>
Tempoh <i>Period</i>					
Wajaran/ <i>Weight</i>		26.8	16.0	7.2	3.6
a. Indeks Volum/ <i>Volume Index</i>					
2018	Q1	115.2	111.5	123.8	114.4
	Q2	116.8	112.1	127.5	116.5
	Q3	119.2	114.9	129.8	117.2
	Q4	118.9	114.2	130.8	116.3
2019	Q1	121.0	115.7	134.1	118.4
	Q2	124.0	116.8	139.8	124.6
	Q3	127.4	121.0	143.2	124.6
	Q4	126.5	120.3	142.6	121.5
2020	Q1	125.3	120.6	139.7	117.6
	Q2	108.2	111.9	111.2	86.0
	Q3	123.9	125.6	131.1	102.4
	Q4	121.0	127.1	120.5	95.1
2021	Q1	125.3	133.9	120.9	95.7
	Q2	124.9	135.3	120.7	87.4
	Q3	121.0	133.6	111.2	84.9
	Q4	120.7	132.0	115.3	82.1
2022	Q1 ^r	128.4	132.3	130.0	108.2
	Q2 ^p	135.1	134.6	143.8	120.0
b. Peratus Perubahan Suku Tahun ke Suku Tahun/ <i>Percentage Change Quarter-on-Quarter</i>					
2018	Q1	1.6	1.3	2.1	1.3
	Q2	1.4	0.6	3.0	1.9
	Q3	2.0	2.4	1.8	0.6
	Q4	-0.2	-0.6	0.8	-0.7
2019	Q1	1.7	1.3	2.5	1.8
	Q2	2.5	1.0	4.3	5.3
	Q3	2.8	3.6	2.4	-0.01
	Q4	-0.8	-0.6	-0.5	-2.5
2020	Q1	-0.9	0.2	-2.0	-3.2
	Q2	-13.7	-7.3	-20.4	-26.9
	Q3	14.5	12.2	17.9	19.1
	Q4	-2.3	1.3	-8.1	-7.1
2021	Q1	3.5	5.3	0.3	0.7
	Q2	-0.3	1.0	-0.2	-8.7
	Q3	-3.1	-1.2	-7.9	-2.8
	Q4	-0.2	-1.2	3.7	-3.3
2022	Q1 ^r	6.4	0.3	12.8	31.9
	Q2 ^p	5.2	1.8	10.6	10.9

^p Data Awalan/ *Preliminary Data*^r Kemaskini dibuat berdasarkan data terkini yang diperolehi/ *Revisions made based on the latest data available*

Jadual 4 : Indeks Volum Perkhidmatan Pelarasan Musim Mengikut Subsektor (samb.)

Table 4 : Seasonally Adjusted Volume Index of Services by Sub-sector (cont'd.)

(2015=100)

Subsektor Sub-sector		Maklumat & Komunikasi dan Pengangkutan & Penyimpanan Information & Communication and Transportation & Storage	Maklumat & Komunikasi Information & Communication	Pengangkutan & Penyimpanan Transportation & Storage
Tempoh Period				
Wajaran/ Weight		21.9	12.9	9.0
a. Indeks Volum/ Volume Index				
2018	Q1	119.5	123.1	114.4
	Q2	122.7	126.0	118.0
	Q3	125.2	128.2	120.9
	Q4	124.9	129.8	117.9
2019	Q1	127.5	131.8	121.4
	Q2	131.4	134.2	127.4
	Q3	133.4	136.2	129.4
	Q4	132.0	137.7	123.8
2020	Q1	130.8	140.2	117.4
	Q2	111.7	140.5	70.6
	Q3	127.5	143.1	105.2
	Q4	125.5	147.2	94.5
2021	Q1	128.3	149.2	98.4
	Q2	128.0	148.9	98.0
	Q3	127.6	151.8	93.0
	Q4	136.8	159.0	105.2
2022	Q1 ^r	143.9	158.1	123.5
	Q2 ^p	150.4	157.8	139.8
b. Peratus Perubahan Suku Tahun ke Suku Tahun/ Percentage Change Quarter-on-Quarter				
2018	Q1	1.7	2.3	0.8
	Q2	2.7	2.4	3.1
	Q3	2.1	1.8	2.5
	Q4	-0.3	1.2	-2.5
2019	Q1	2.1	1.6	2.9
	Q2	3.0	1.8	4.9
	Q3	1.5	1.4	1.6
	Q4	-1.0	1.1	-4.4
2020	Q1	-0.9	1.8	-5.2
	Q2	-14.6	0.2	-39.8
	Q3	14.1	1.9	48.9
	Q4	-1.6	2.8	-10.2
2021	Q1	2.2	1.4	4.1
	Q2	-0.2	-0.2	-0.4
	Q3	-0.3	1.9	-5.1
	Q4	7.3	4.8	13.2
2022	Q1 ^r	5.1	-0.5	17.4
	Q2 ^p	4.5	-0.2	13.2

^p Data Awalan/ Preliminary Data^r Kemaskini dibuat berdasarkan data terkini yang diperolehi/ Revisions made based on the latest data available

Jadual 4 : Indeks Volum Perkhidmatan Pelarasan Musim Mengikut Subsektor (samb.)

Table 4 : Seasonally Adjusted Volume Index of Services by Sub-sector (cont'd.)

(2015=100)

Subsektor Sub-sector		Perkhidmatan Lain Other Services	Kesenian, Hiburan & Rekreasi dan Perkhidmatan Persendirian & Lain-lain Aktiviti Arts, Entertainment & Recreation and Personal Services & Other Activities	Pendidikan Swasta Private Education	Kesihatan Swasta Private Health
Tempoh Period					
Wajaran/ Weight		6.1	2.6	1.9	1.6
a. Indeks Volum/ Volume Index					
2018	Q1	116.5	116.5	117.0	115.8
	Q2	119.7	121.7	118.8	117.9
	Q3	121.3	123.7	120.1	118.9
	Q4	120.4	121.3	120.4	119.1
2019	Q1	122.5	122.7	122.2	122.3
	Q2	129.1	135.2	124.6	124.9
	Q3	131.7	139.5	126.4	125.9
	Q4	125.8	126.2	126.6	124.2
2020	Q1	121.2	114.5	126.9	125.0
	Q2	75.3	32.6	109.2	102.2
	Q3	103.1	83.8	114.7	119.7
	Q4	95.0	67.4	112.4	117.6
2021	Q1	91.8	58.4	113.1	119.1
	Q2	92.0	56.3	111.9	124.5
	Q3	79.2	27.6	106.7	127.6
	Q4	93.6	62.3	105.8	128.4
2022	Q1 ^r	103.6	73.8	116.5	135.0
	Q2 ^p	110.6	89.4	118.1	135.0
b. Peratus Perubahan Suku Tahun ke Suku Tahun/ Percentage Change Quarter-on-Quarter					
2018	Q1	1.1	0.6	1.3	1.6
	Q2	2.8	4.4	1.5	1.8
	Q3	1.3	1.6	1.1	0.8
	Q4	-0.7	-1.9	0.2	0.2
2019	Q1	1.7	1.2	1.5	2.7
	Q2	5.4	10.1	2.0	2.1
	Q3	2.0	3.2	1.4	0.8
	Q4	-4.5	-9.5	0.2	-1.3
2020	Q1	-3.7	-9.3	0.3	0.6
	Q2	-37.9	-71.6	-13.9	-18.2
	Q3	36.9	157.2	5.0	17.1
	Q4	-7.9	-19.6	-2.0	-1.7
2021	Q1	-3.3	-13.3	0.6	1.2
	Q2	0.2	-3.6	-1.0	4.5
	Q3	-13.9	-50.9	-4.7	2.5
	Q4	18.2	125.6	-0.9	0.6
2022	Q1 ^r	10.6	18.3	10.2	5.1
	Q2 ^p	6.8	21.1	1.3	0.0

^p Data Awalan/ Preliminary Data

^r Kemaskini dibuat berdasarkan data terkini yang diperolehi/ Revisions made based on the latest data available

1. PENGENALAN

Penerbitan rujukan Suku Kedua 2019 adalah keluaran pertama yang menggunakan 2015 sebagai tahun asas dalam pembentukan Indeks Volum Perkhidmatan (IoS), Malaysia. Tahun asas 2015 ini menggantikan tahun asas 2010 yang telah digunakan sebelum ini. Pengasasan semula tahun asas ini merupakan kali kedua dilaksanakan oleh Jabatan Perangkaan Malaysia.

Penyusunan Indeks Volum Perkhidmatan telah dimulakan pada tahun 2008 dengan pembangunan komponen Perdagangan Edaran iaitu Perdagangan Runcit dan Kenderaan Bermotor. Pada tahun 2009, Perdagangan Borong telah dibangunkan dan melengkapkan subsektor Perdagangan Edaran (2005=100). Indeks Volum Perdagangan Edaran pertama kali dikeluarkan kepada umum bermula Mei 2012 dengan tahun asas 2008=100. Pembangunan indeks volum bagi subsektor lain telah bermula secara berperingkat pada tahun 2010. Sebanyak tujuh (7) subsektor iaitu Pengangkutan & Penyimpanan, Maklumat & Komunikasi, Penginapan, Makanan & Minuman, Pendidikan Swasta, Kesihatan Swasta dan Kewangan & Insurans telah dikeluarkan secara edaran terhad bermula tahun 2013 dengan tahun asas 2010=100. Tambahan tiga (3) subsektor iaitu Profesional, Saintifik & Teknikal, Hartanah dan Kesenian, Hiburan & Rekreasi telah dibangunkan bagi melengkapkan keseluruhan Indeks Volum Perkhidmatan (2010=100) dan diterbitkan secara umum bermula Mei 2015.

2. OBJEKTIF

Objektif penyusunan Indeks Volum Perkhidmatan adalah untuk:

- i. Mengukur perubahan corak dan prestasi pengeluaran subsektor perkhidmatan secara suku tahunan dan tahunan; dan
- ii. Memberikan maklumat yang relevan dan terkini terhadap pencapaian aktiviti perkhidmatan.

3. TUJUAN PENGASASAN SEMULA

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

- i. Skop dan liputan indeks memenuhi keperluan pengguna;
- ii. Struktur indeks menggambarkan keadaan aktiviti industri terkini; dan
- iii. Wajaran yang digunakan mencerminkan kepentingan industri yang terlibat.

4. JENIS INDEKS

Indeks Volum Perkhidmatan diukur melalui perubahan pengeluaran (volum) pada tempoh rujukan berbanding tahun asas, (2015=100).

5. SKOP DAN LIPUTAN

Indeks Volum Perkhidmatan dalam penerbitan ini meliputi empat (4) segmen yang digabungkan berdasarkan pecahan 13 subsektor seperti yang berikut:

- i. Perdagangan Borong & Runcit, Makanan & Minuman dan Penginapan
 - Perdagangan Borong & Runcit
 - Makanan & Minuman
 - Penginapan
- ii. Perkhidmatan Perniagaan dan Kewangan
 - Kewangan & Insurans
 - Profesional, Saintifik & Teknikal dan Pentadbiran & Khidmat Sokongan
 - Hartanah
- iii. Maklumat & Komunikasi dan Pengangkutan & Penyimpanan
 - Maklumat & Komunikasi
 - Pengangkutan & Penyimpanan
- iv. Perkhidmatan Lain
 - Kesenian, Hiburan & Rekreasi dan Perkhidmatan Persendirian & Lain-lain Aktiviti
 - Pendidikan Swasta
 - Kesihatan Swasta

Klasifikasi industri yang digunakan adalah berdasarkan Piawaian Klasifikasi Industri Malaysia (MSIC) 2008 Ver. 1.0. MSIC 2008 yang diguna pakai adalah selaras dengan *International Standard Industrial Classification of All Economic Activities (ISIC), Revision 4, United Nations Statistics Division (UNSD)*.

6. KONSEP DAN DEFINISI

Definisi yang diguna pakai dalam penerbitan ini berasaskan kepada Piawaian Klasifikasi Industri Malaysia (MSIC) 2008 Ver. 1.0. Definisi tersebut berasaskan kepada prinsip berikut:

- i. **Perdagangan Borong & Runcit**
Merujuk kepada aktiviti yang meliputi Perdagangan Borong, Perdagangan Runcit dan Kenderaan Bermotor.

Perdagangan Borong ditakrifkan sebagai “penjualan semula (tanpa pengubahsuaian barangan baru dan barangan yang telah digunakan kepada peruncit, pengguna perindustrian, perdagangan, institusi atau profesional; atau kepada pemborong lain; atau bertindak sebagai agen atau broker dalam pembelian barang dagangan untuk, atau menjual dagangan kepada orang atau syarikat berkenaan.”

Perdagangan Runcit pula ditakrifkan sebagai “penjualan semula (tanpa pengubahsuaian) barang baru dan terpakai kepada orang awam untuk kegunaan persendirian atau isi rumah.”

Kenderaan Bermotor pula merujuk kepada aktiviti jualan secara borong dan runcit kenderaan bermotor dan motosikal, sama ada baru atau terpakai, jualan alat-alat ganti dan aksesori kenderaan, penyelenggaraan dan pembaikan kenderaan bermotor dan motosikal termasuk mencuci, menggilap dan menunda kenderaan serta kegiatan agen berkominen yang terlibat dalam jualan.

ii. Kewangan & Insurans

Merujuk kepada aktiviti perantaraan kewangan; aktiviti perkhidmatan kewangan lain dan aktiviti sokongan kepada perkhidmatan kewangan; aktiviti insurans/ takaful, insurans/ takaful semula dan tabungan pencen & hemat; dan aktiviti sokongan kepada insurans/ takaful dan tabungan pencen.

iii. Maklumat & Komunikasi

Merujuk kepada aktiviti penerbitan wayang gambar, video dan program televisyen, rakaman bunyi dan penerbitan muzik, aktiviti pemrograman dan penyiaran, perkhidmatan telekomunikasi, pengaturcaraan komputer, perundingan dan aktiviti yang berkaitan dan aktiviti perkhidmatan maklumat.

iv. Pengangkutan & Penyimpanan

Merujuk kepada pertubuhan terlibat dalam menyediakan perkhidmatan darat, pengangkutan muatan melalui jalan raya, pengangkutan darat lain, pengangkutan air, pengangkutan & aktiviti sokongan seperti pengoperasian terminal, tempat letak kereta, pengoperasian lebuh raya, pengoperasian pelabuhan, pengendalian kargo/ pemunggahan, agensi perkapalan & penghantaran serta lain-lain aktiviti sokongan perkhidmatan pengangkutan.

v. Makanan & Minuman

Merujuk kepada perkhidmatan makanan & minuman yang menyediakan hidangan atau minuman lengkap untuk penggunaan segera, sama ada di restoran tradisional, restoran layan diri atau bawa pulang, yang didirikan secara kekal atau sementara, dengan atau tiada kemudahan tempat duduk.

vi. Hartanah

Merujuk kepada tindakan seperti pemberi pajak, agen dan/ atau broker di dalam satu atau lebih daripada yang berikut: penjualan atau pembelian hartanah, penyewaan

hartanah, penyediaan perkhidmatan hartanah lain seperti penilaian hartanah, pengurusan hartanah atau bertindak sebagai agen hartanah eskrow. Aktiviti dalam bahagian ini mungkin dijalankan di atas hartanah milikan sendiri atau pajakan dan mungkin berlaku atas dasar bayaran atau kontrak. Termasuk juga pembangunan struktur, berserta mengekalkan hak milik atau pajakan bagi struktur tersebut.

vii. Profesional, Saintifik & Teknikal

Merujuk kepada aktiviti profesional khusus, saintifik & teknikal yang memerlukan tahap latihan yang tinggi dan menjadikan pengetahuan dan kemahiran khusus tersedia kepada pengguna. Aktiviti yang dijalankan termasuk aktiviti guaman & perakaunan, aktiviti ibu pejabat, aktiviti perundingan pengurusan, aktiviti arkitek & kejuruteraan, ujian & analisis teknikal, penyelidikan & pembangunan saintifik, pengiklanan & penyelidikan pasaran, profesional lain, aktiviti saintifik & teknikal dan veterinar.

viii. Pendidikan Swasta

Merujuk kepada pertubuhan yang berdaftar dengan Kementerian Pendidikan Malaysia dan Kementerian Pengajian Tinggi yang menyediakan perkhidmatan pelajaran akademik, vokasional dan perdagangan. Aktiviti yang diliputi dalam kumpulan ini ialah pendidikan pra sekolah & pendidikan rendah, pendidikan menengah, pendidikan tinggi, pendidikan lain dan perkhidmatan sokongan lain.

ix. Kesihatan Swasta

Merujuk kepada aktiviti-aktiviti hospital, aktiviti amalan perubatan & pergigian, aktiviti kesihatan dan kemanusiaan lain, aktiviti rumah penjagaan, dan aktiviti kerja sosial tanpa penginapan.

x. Penginapan

Merujuk kepada penyediaan tempat penginapan jangka pendek berbayar, sama ada dibuka kepada orang awam atau terhad kepada ahli sebuah pertubuhan tertentu.

xi. Kesenian, Hiburan & Rekreasi

Merujuk kepada pelbagai aktiviti bagi memenuhi minat orang awam dalam aktiviti kebudayaan, hiburan dan rekreasi meliputi persembahan secara langsung, operasi muzium, perjudian, sukan dan aktiviti rekreasi.

xii. Perkhidmatan Pentadbiran & Sokongan

Merujuk pelbagai aktiviti yang menyokong operasi am perniagaan meliputi aktiviti sewaan & pajakan, aktiviti pekerjaan, agensi pengembaraan, operator pelancongan & aktiviti perkhidmatan penempahan lain, aktiviti keselamatan & penyiasatan, aktiviti perkhidmatan bangunan & lanskap dan aktiviti pengurusan pejabat, sokongan pejabat & perniagaan lain.

xiii. Perkhidmatan Persendirian & Lain-lain Aktiviti

Merujuk kepada aktiviti keahlian organisasi, aktiviti organisasi keahlian perniagaan, majikan & profesional, aktiviti kesatuan buruh, aktiviti keahlian organisasi lain,

pembaikan komputer & barangan persendirian dan isi rumah dan aktiviti perkhidmatan persendirian lain.

7. SUMBER DATA

Data bagi penyusunan indeks volum perkhidmatan diperoleh daripada sumber primer dan sekunder. Sumber primer diperoleh daripada Survei Perdagangan Borong & Runcit Bulanan dan Survei Perkhidmatan Suku Tahunan. Sumber sekunder bagi Kewangan & Insurans diperoleh daripada Bank Negara Malaysia dan Suruhanjaya Sekuriti Malaysia (SSM).

8. WAJARAN

Wajaran industri diperoleh daripada nisbah jumlah nilai ditambah kepada kumpulan subsektor perkhidmatan yang diliputi berdasarkan Banci Ekonomi 2016 (tahun rujukan 2015) dan Banci Perdagangan Edaran 2014 (tahun rujukan 2013). Wajaran adalah dikira berdasarkan formula berikut:

$$W_{ij} = \frac{V_{ij}}{V_j}$$

Di mana:

W_{ij} ialah pembahagian relatif bagi industri i terhadap kumpulan j ;

V_{ij} ialah jumlah nilai ditambah bagi industri i terhadap kumpulan j ; dan

V_j ialah jumlah nilai ditambah bagi kumpulan j .

9. PROSEDUR PENGIRAAN

Indeks Volum Perkhidmatan disusun dengan menjumlahkan nilai output yang berada dalam satu kumpulan aktiviti yang sama dan mendeinflasi nilai agregat dengan deflator harga. Formula Laspeyres digunakan dalam menyusun indeks volum ini. Oleh itu, indeks volum bagi industri i dari kumpulan j :

$$I_{ij,t} = \frac{R_{ij,t}}{R_{ij,0}}$$

Di mana:

$I_{ij,t}$ merujuk kepada agregat indeks volum bagi industri i terhadap kumpulan j pada masa t (tempoh semasa);

$R_{ij,t}$ adalah agregat output yang telah dideflasi dengan deflator harga bagi industri i terhadap kumpulan j pada masa t (tempoh semasa); dan

$R_{ij,0}$ adalah purata agregat output yang telah dideflasi dengan deflator harga bagi industri i terhadap kumpulan j pada masa 0 (tempoh asas=2015).

Indeks volum untuk kumpulan j :

$$I_{ij} = \frac{\sum (W_{ij} I_{ij,t})}{\sum W_{ij}}$$

Di mana:

I_{ij} merujuk kepada indeks volum bagi kumpulan j pada masa t ;

W_{ij} adalah pembahagian relatif bagi industri i terhadap kumpulan j ; dan

$I_{ij,t}$ adalah agregat indeks volum bagi industri i terhadap kumpulan j pada masa t .

10. PENDEFLASI HARGA

Item bagi setiap subsektor dipilih daripada bakul barangan dan perkhidmatan Indeks Harga Pengguna (IHP), Indeks Harga Pengeluar (IHPR) dan Indeks Harga Pengeluar Perkhidmatan (IHPP), dan perubahan harga di peringkat subsektor diukur.

11. PERUBAHAN PERATUSAN INDEKS VOLUM

Peratus perubahan indeks volum dikira berdasarkan formula berikut:

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

Di mana:

y_t merujuk kepada peratus perubahan indeks volum;

I_t adalah indeks volum pada masa t (tempoh semasa); dan

I_{t-1} adalah indeks volum pada masa $t-1$ (tempoh sebelum).

12. PELARASAN MUSIM

Data siri masa adalah amat berguna untuk ahli ekonomi, pembuat dasar & polisi dan penganalisis siri masa untuk mengenal pasti ciri-ciri penting siri ekonomi seperti arah, *turning point* dan konsistensi antara penunjuk ekonomi yang lain. Ciri ini sukar untuk diperhatikan disebabkan pergerakan musim. Oleh itu, sekiranya kesan musim boleh disingkirkan, perilaku data siri ini dapat dilihat dengan lebih baik. Anggaran dan penyingkiran kesan musim dikenali sebagai pelarasan musim.

Pelarasan musim adalah satu proses untuk mengenal pasti dan menyingkirkan bentuk pola musim yang biasa berlaku dalam tempoh satu tahun, yang mungkin juga merangkumi pengaruh dari kesan cuti yang bergerak dan hari bekerja/ berdagang bagi suatu tempoh. Objektif utama proses ini adalah untuk menunjukkan arah aliran dan pergerakan jangka pendek dalam siri ini.

Di Malaysia, kebanyakan data siri masa dipengaruhi oleh kesan musim. Oleh itu, untuk menghapuskan dan melaras kesan bermusim data siri masa ekonomi Malaysia, pakej pelarasan musim standard, X-12 ARIMA telah digunakan oleh Jabatan Perangkaan Malaysia.

Data siri masa ekonomi Malaysia juga kerap dipengaruhi oleh perayaan utama seperti Aidil Fitri bagi umat Islam, Tahun Baru Cina untuk kaum Cina dan Deepavali untuk kaum India. Tarikh perayaan-perayaan ini tetap mengikut tahun lunar tetapi berbeza-beza mengikut kalendar *Gregorian*. Oleh itu, untuk menganggar dan menyingkirkan kesan cuti yang bergerak dari data siri masa, satu prosedur telah dibangunkan iaitu *Seasonal Adjustment for Malaysia* (SEAM).

13. POLISI PINDAAN

Pindaan akan dibuat ke atas data indeks volum yang diterbitkan berdasarkan data terkini yang diperoleh seperti berikut:

- i. Bagi data bulanan, perubahan tertakluk kepada sumber data, semakan adalah $t-1$ di mana t merujuk kepada bulan semasa;
- ii. Bagi data suku tahunan, perubahan tertakluk kepada sumber data, semakan adalah $t-1$ di mana t merujuk kepada suku tahun semasa; dan
- iii. Bagi data tahunan, perubahan tertakluk kepada sumber data, semakan adalah $t-3$ di mana t merujuk kepada tahun semasa.

1. INTRODUCTION

The publication for reference Second Quarter 2019 is the first release using 2015 as the base year in the compilation of Volume Index of Services (IoS), Malaysia. The base year 2015 replaced the base year 2010 which has been used before. It is the second time the rebasing of IoS has been done by the Department of Statistics, Malaysia.

The compilation of the Volume Index of Services began in 2008 with the development of Distributive Trade components which are Retail Trade and Motor Vehicles. In 2009, Wholesale Trade has been developed which completed the Distributive Trade sub-sector (2005=100). The Volume Index of Distributive Trade was released to the public began in May 2012 with base year 2008=100. The development of volume index for other sub-sectors was done by stages in 2010. A total of seven (7) sub-sectors which are Transportation & Storage, Information & Communication, Accommodation, Food & Beverages, Private Education, Private Health and Finance & Insurance have been released on limited circulation beginning in 2013 with base year 2010=100. Additional three (3) sub-sectors which are Professional, Scientific & Technical, Real Estate and Arts, Entertainment & Recreation were developed to complete the overall Volume Index of Services (2010=100) and published to the public in May 2015.

2. OBJECTIVES

The objectives of the compilation of the Volume Index of Services are to:

- i. Measure quarterly and annual changes on the pattern and performance of production of the services sub-sectors; and*
- ii. Provide relevant and timely information on the performance of the services activities.*

3. PURPOSE OF REBASING

Rebasing is important due to the demand for more accurate, reliable and credible measure. The rebasing and reweighting are conducted to ensure that:

- i. The scope and coverage of the indices continue to meet the needs of users;*
- ii. The structure of the indices reflects the current activities of the industry; and*
- iii. The weights used continue to be representative of the industry concerned.*

4. TYPE OF INDEX

The Volume Index of Services measured production (volume) changes in the reference period as compared to the base period, (2015=100).

5. SCOPE AND COVERAGE

The Volume Index of Services in this publication consists of four (4) segments which are aggregated based on the breakdown of 13 sub-sectors as follows:

- i. Wholesale & Retail Trade, Food & Beverages and Accommodation*
 - *Wholesale & Retail Trade*
 - *Food & Beverages*
 - *Accommodation*
- ii. Business Services and Finance*
 - *Finance & Insurance*
 - *Professional, Scientific & Technical and Administrative & Support Services*
 - *Real Estate*
- iii. Information & Communication and Transportation & Storage*
 - *Information & Communication*
 - *Transportation & Storage*
- iv. Other Services*
 - *Arts, Entertainment & Recreation and Personal Services & Other Activities*
 - *Private Education*
 - *Private Health*

The classification of the industry used is based on the Malaysia Standard Industrial Classification (MSIC) 2008 Ver. 1.0. The MSIC 2008 conforms to the International Standard Industrial Classification of All Economic Activities (ISIC), Revision 4, United Nations Statistics Division (UNSD).

6. CONCEPT AND DEFINITIONS

The definition adopted in this publication is based on the recommendations of Malaysia Standard Industrial Classification (MSIC) 2008 Ver. 1.0. The definitions are based on the following principles:

i. Wholesale & Retail Trade

Refers to activities that covers Wholesale Trade, Retail Trade and Motor Vehicle Activities.

Wholesale Trade refers to “the resale (sale without transformation) of new and used goods to retailers; to industrial, commercial, institutional or professional users; or to other wholesalers; or involves acting as an agent or broker in buying merchandise for, or selling merchandise to, such persons or companies.”

TECHNICAL NOTES

Retail trade refers to “the resale (sale without transformation) of new and used goods to the general public for personal or household consumption or utilization.”

Motor Vehicles refers to activity covers wholesale and retail sale of motor vehicles and motorcycles, either new or used, sale of motor vehicle parts and accessories, maintenance and repair of motor vehicles and motorcycles including washing, polishing and towing as well as commission agents involves in sales.

ii. Finance & Insurance

Refers to monetary intermediation activities; other financial service activities and activities auxiliary to financial services; insurance/ takaful, reinsurance/ retakaful and pension & provident funding activities; and activities auxiliary to insurance/ takaful and pension funding.

iii. Information & Communication

Refers to motion picture, video & television program production, sound recording & music publishing activities, programming & broadcasting activities, telecommunication services, computer programming, consultancy & related activities and information services activities.

iv. Transportation & Storage

Refers to all establishment which provides land transport, freight transport by road other land transport, water transport, warehousing & support activities such as storage & warehousing, terminal operations, car parking services, highway operations, port operations, cargo handling/ stevedoring, shipping agencies & forwarding of freight and other supporting activities for transportation.

v. Food & Beverages

Refers to food & beverage serving activities providing complete meals or drinks fit for immediate consumption, whether in traditional restaurants, self-service or take-away restaurants, whether as permanent or temporary stands with or without seating.

vi. Real Estate

Refers to acting as lessors, agents and/ or brokers in one or more of the following: selling or buying real estate, renting real estate, providing other real estate services such as appraising real estate, property management or acting as real estate escrow agents. Activities in this division may be carried out on own or leased property and may be done on a fee or contract basis. Also included is the building of structures, combined with maintaining ownership of leasing of such structures.

vii. Professional, Scientific & Technical

Refers to specialised professional, scientific & technical activities which require a high degree of expertise and training, and specialised knowledge and skills available to users. Activities performed include legal & accounting activities, activities of head offices, management consultancy activities, architecture & engineering activities,

technical testing & analysis, scientific research & development, advertising & market research, other professional, scientific & technical activities and veterinary activities.

viii. Private Education

Refers to establishments registered with the Ministry of Education, Malaysia and the Ministry of Higher Education that provides academic, pre-primary & primary education, secondary education, higher education, other education and educational support activities.

ix. Private Health

Refers to hospital services, medical & dental practice activities, other human health activities, residential care activities and social work activities without accommodation.

x. Accommodation

Refers to the provision on a fee of short- term lodging, whether open to the general public or restricted to members of a particular organisation.

xi. Arts, Entertainment & Recreation

Refers to a wide range of activities to meet varied cultural, entertainment & recreational interests of the general public, including live performances, operation of museum sites, gambling, sport and recreation activities.

xii. Administrative & Support Services

Refers to a variety of activities that support general business operations including rental & leasing activities, employment activities, travel agency, tour operator & other reservation service activities, security & investigation activities, services to building & landscape activities & office administrative, office support & other business support activities.

xiii. Personal Services & Other Activities

Refers to activities of membership organisations, activities of business, employers and professional membership organisations, activities of trade unions, activities of others membership organisations, repair of computers and personal and household goods and others personal services activities such as washing and dry-cleaning of textiles and fur products; hairdressing and other beauty treatment and funeral and other services activities.

7. DATA SOURCES

Data for the compilation of Volume Index of Services were obtained from primary and secondary sources. Primary sources are obtained from the Monthly Survey of Wholesale & Retail Trade and Quarterly Survey of Services. Secondary sources comprise Finance and Insurance are obtained from Central Bank of Malaysia (BNM) and Securities Commission

(SC) Malaysia.

8. WEIGHTS

The weights of the industry are obtained on the ratios of the total value added of the services sub-sector group based on the Economic Census 2016 (reference year 2015) and Census of Distributive Trade 2014 (reference year 2013). The weights are computed using the following formula:

$$W_{ij} = \frac{V_{ij}}{V_j}$$

Where:

W_{ij} is the relative share of industry i to the group j ;

V_{ij} is the total value added of industry i of group j ; and

V_j is the total value added of group j .

9. COMPUTATIONAL PROCEDURES

The Volume Index of Services are generated by aggregating the value of output of the same activity group and deflated the aggregate value using price deflator. The Laspeyres formula is used to compile these indices. Thus, volume index for the industry i of group j :

$$I_{ij,t} = \frac{R_{ij,t}}{R_{ij,0}}$$

Where:

$I_{ij,t}$ refers to the aggregated volume index for industry i of group j at time t (current period);

$R_{ij,t}$ is the aggregated output which deflated with price deflator for industry i of group j at time t (current period); and

$R_{ij,0}$ is the average aggregated output which is deflated with price deflator for industry i of group j at time 0 (base period=2010).

The volume index for the group j is:

$$I_{ij} = \frac{\sum (W_{ij} I_{ij,t})}{\sum W_{ij}}$$

Where:

I_{ij} refers to the volume index for group j at time t ;

W_{ij} is the relative share of industry i to the group j ; and

$I_{ij,t}$ is the aggregated volume index for industry i of group j at time t .

10. PRICE DEFLATOR

Item of each sub-sector are selected from the basket of goods and services Consumer Price Index (CPI), Producer Price Index (PPI) and Services Producer Price Index (SPPI), and the price changes at sub-sector level are measured.

11. VOLUME INDEX PERCENTAGE CHANGE

Percentage change of the volume 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 volume index percentage change;

I_t is the volume index at time t (current period); and

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

12. SEASONAL ADJUSTMENT

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

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

underlying trends and short-term movements in the series.

In Malaysia, most of the time series data are affected by seasonal effects. Hence, to eliminate the seasonal effect as well as to seasonally adjust the Malaysian economic time series data, a standard seasonal adjustment package, X-12 ARIMA was used by the Department of Statistics, Malaysia.

Malaysian economic time series data are often affected by major festivals such as Eid-ul Fitr of the Muslims, Chinese New Year of the Chinese and Deepavali of the Indians. These festivals' dates are fixed according to the Lunar year but vary according to the Gregorian calendar. Therefore, to estimate and remove moving holiday effect from time-series data, a procedure was developed, namely Seasonal Adjustment for Malaysia (SEAM).

13. REVISION POLICY

Revisions will be made to the published volume index based on the latest available data as follows:

- i. For monthly data, subject to changes in data source, revision is $t-1$ where t refers to current month;*
- ii. For quarterly data, subject to changes in data source, revision is $t-1$ where t refers to current quarter; and*
- iii. For annual data, subject to changes in data source, revision is $t-3$ where t refers to current year.*

Lampiran/ Appendix
Piawaian Klasifikasi Industri Malaysia 2008 Ver. 1.0/
Malaysia Standard Industrial Classification 2008 Ver.1.0

Perdagangan Borong <i>Wholesale Trade</i>			
BAHAGIAN <i>DIVISION</i>	KUMPULAN <i>GROUP</i>	PERKARA <i>ITEM</i>	KETERANGAN <i>DESCRIPTION</i>
46	461		Jual borong berdasarkan kontrak atau yuran <i>Wholesale on a fee or contract basis</i>
		46100	Jualan borong berdasarkan kontrak atau yuran <i>Wholesale on a fee or contract basis</i>
	462		Jual borong bahan mentah pertanian dan haiwan hidup <i>Wholesale of agricultural raw materials and live animals</i>
		46201	Jualan borong getah <i>Wholesale of rubber</i>
		46202	Jualan borong minyak kelapa sawit <i>Wholesale of palm oil</i>
		46203	Jualan borong kayu balak dan kayu kayan <i>Wholesale of lumber and timber</i>
		46204	Jualan borong bunga-bunga dan tumbuh-tumbuhan <i>Wholesale of flowers and plants</i>
		46205	Jualan borong ternakan <i>Wholesale of livestock</i>
		46209	Jualan borong bahan mentah pertanian dan haiwan hidup t.t.t.l <i>Wholesale of agricultural raw material and live animals n.e.c</i>
	463		Jual borong makanan, minuman dan tembakau <i>Wholesale of food, beverages and tobacco</i>
		46311	Jualan borong daging, unggas dan telur <i>Wholesale of meat, poultry and eggs</i>
		46312	Jualan borong ikan dan lain-lain makanan laut <i>Wholesale of fish and other seafood</i>
		46313	Jualan borong buah-buahan <i>Wholesale of fruits</i>
		46314	Jualan borong sayur-sayuran <i>Wholesale of vegetables</i>
		46319	Jualan borong daging, ikan, buah-buahan dan sayur-sayuran t.t.t.l <i>Wholesale of meat, fish, fruits and vegetables n.e.c</i>
		46321	Jualan borong beras, bijirin lain, tepung dan gula <i>Wholesale of rice, other grains, flour and sugars</i>
		46322	Jualan borong hasil tenusu <i>Wholesale of dairy products</i>
		46323	Jualan borong konfeksi <i>Wholesale of confectionary</i>
		46324	Jualan borong biskut, kek, roti dan produk bakeri lain <i>Wholesale of biscuits, cakes, breads and other bakery products</i>
		46325	Jualan borong kopi, teh dan minuman lain <i>Wholesale of coffee, tea, cocoa and other beverages</i>

Perdagangan Borong Wholesale Trade			
BAHAGIAN DIVISION	KUMPULAN GROUP	PERKARA ITEM	KETERANGAN DESCRIPTION
		46326	Jualan borong bir, wain dan spirit Wholesale of beer, wine and spirits
		46327	Jualan borong tembakau, cerut, rokok Wholesale of tobacco, cigar, cigarettes
		46329	Jualan borong bahan makanan lain Wholesale of other foodstuffs
	464		Jual borong barangan isi rumah Wholesale of household goods
		46413	Jualan borong pakaian Wholesale of clothing
		46415	Jualan borong pakaian daripada bulu binatang Wholesale of fur articles
		46416	Jualan borong kasut Wholesale of footwear
		46419	Jualan borong tekstil, pakaian, t.t.t.l Wholesale of textiles, clothing n.e.c
		46421	Jualan borong barangan farmaseutikal dan perubatan Wholesale of pharmaceutical and medical goods
		46422	Jualan borong pewangi, kosmetik, sabun dan kelengkapan dandanan diri Wholesale of perfumeries, cosmetics, soap and toiletries
		46432	Jualan borong barangan fotografi dan optic Wholesale of photographic and optical goods
		46433	Jualan borong barangan kulit dan aksesori kembara Wholesale of leather goods and travel accessories
		46434	Jualan borong peralatan muzik, permainan dan barang mainan, barangan sukan Wholesale of musical instruments, games and toys, sports goods
		46443	Jualan borong jam tangan dan jam dinding Wholesale of watches and clocks
		46444	Jualan borong barang kemas Wholesale of jewellery
		46491	Jualan borong perabot isi rumah Wholesale of household furniture
		46492	Jualan borong perkakas isi rumah Wholesale of household appliances
		46493	Jualan borong peralatan lampu Wholesale of lighting equipment
		46494	Jualan borong perkakas dapur dan kutleri, pinggan mangkuk, barangan kaca dan barangan tembikar Wholesale of household utensils and cutlery, crockery, glassware, chinaware and pottery
		46495	Jualan borong barangan kayu, anyaman rotan dan barangan gabus Wholesale of woodenware, wickerwork and corkware
		46496	Jualan borong barangan elektrik dan elektronik Wholesale of electrical and electronic goods

Perdagangan Borong <i>Wholesale Trade</i>			
BAHAGIAN <i>DIVISION</i>	KUMPULAN <i>GROUP</i>	PERKARA <i>ITEM</i>	KETERANGAN <i>DESCRIPTION</i>
		46497	Jualan borong alat tulis, buku, majalah dan surat khabar <i>Wholesale of stationery, books, magazines and newspaper</i>
		46499	Jualan borong lain-lain barangan isi rumah t.t.t.l <i>Wholesale of other household goods n.e.c</i>
	465		Jual borong jentera, peralatan dan bekalan <i>Wholesale of machinery, equipment and supplies</i>
		46510	Jualan borong perkakasan komputer, perisian dan peranti <i>Wholesale of computer hardware, software and peripherals</i>
		46521	Jualan borong kelengkapan telefon dan telekomunikasi, telefon selular, alat kelui <i>Wholesale of telephone and telecommunications equipment, cell phones, pagers</i>
		46522	Jualan borong komponen elektronik dan aksesori pendawaian <i>Wholesale of electronic components and wiring accessories</i>
		46531	Jualan borong jentera, kelengkapan dan bekalan pertanian <i>Wholesale of agricultural machinery, equipment and supplies</i>
		46532	Jualan borong jentera pemotong rumput sebarang cara operasi <i>Wholesale of lawn movers howewer operated</i>
		46591	Jualan borong mesin pejabat dan kelengkapan perniagaan, kecuali komputer dan kelengkapan peranti komputer (peripheral) <i>Wholesale of office machinery and business equipment, except computers and computer peripheral equipment</i>
		46592	Jualan borong perabot pejabat <i>Wholesale of office furniture</i>
		46593	Jualan borong peralatan mesin berkawalan computer <i>Wholesale of computer-controlled machines tools</i>
		46594	Jualan borong jentera, kelengkapan dan bekalan perindustrian <i>Wholesale of industrial machinery, equipment and supplies</i>
		46595	Jualan borong jentera dan kelengkapan pembinaan dan kejuruteraan awam <i>Wholesale of construction and civil engineering machinery and equipment</i>
		46596	Jualan borong lif, eskalator, penghawa dingin, kelengkapan keselamatan dan pemadam api <i>Wholesale of lift escalators, air-conditioning, security and fire fighting equipment</i>
		46599	Jualan borong lain-lain jentera untuk kegunaan industri, perdagangan dan pengemudian dan lain-lain perkhidmatan t.t.t.l <i>Wholesale of other machinery for use in industry, trade and navigation and other services n.e.c</i>
	466		Lain-lain pengkhususan jualan borong <i>Other specialised wholesale</i>
		46611	Jualan borong petrol, diesel, pelincir <i>Wholesale of petrol, diesel, lubricants</i>
		46612	Jualan borong gas petroleum cecair <i>Wholesale of liquefied petroleum gas</i>

Perdagangan Borong Wholesale Trade			
BAHAGIAN DIVISION	KUMPULAN GROUP	PERKARA ITEM	KETERANGAN DESCRIPTION
		46619	Jualan borong bahan api pepejal, cecair dan gas dan produk berkaitan t.t.t.l <i>Wholesale of other solid, liquid and gaseous fuels and related products n.e.c</i>
		46621	Jualan borong bijih besi dan bukan besi dan logam <i>Wholesale of ferrous and non-ferrous metal ores and metals</i>
		46622	Jualan borong bijih besi dan bukan besi dan logam separuh siap dan produk t.t.t.l <i>Wholesale of ferrous and non-ferrous semi-finished metal ores and products n.e.c</i>
		46631	Jualan borong kayu balak, kayu bergergaji, papan lapis, venier dan produk berkaitan <i>Wholesale of logs, sawn timber, plywood, veneer and related products</i>
		46632	Jualan borong cat dan varnish <i>Wholesale of paints and varnish</i>
		46633	Jualan borong bahan pembinaan <i>Wholesale of construction materials</i>
		46634	Jualan borong kelengkapan dan lekapan <i>Wholesale of fittings and fixtures</i>
		46636	Jualan borong pemasangan dan peralatan kebersihan <i>Wholesale of sanitary installation and equipment</i>
		46639	Jualan borong dan bekalan lain-lain bahan binaan, hardwer, peralatan paip dan alat pemanas t.t.t.l <i>Wholesale of other construction materials, hardware, plumbing and heating equipment and supplies n.e.c</i>
		46691	Jualan borong bahan kimia industry <i>Wholesale of industrial chemicals</i>
		46692	Jualan borong baja dan produk agrokimia <i>Wholesale of fertilizers and agrochemical products</i>
		46693	Jualan borong bahan plastik dalam bentuk asal <i>Wholesale of plastic materials in primary forms</i>
		46694	Jualan borong sekerap getah <i>Wholesale of rubber scrap</i>
		46696	Jual borong kertas secara pukal, bahan pembungkusan <i>Wholesale of paper in bulk, packaging materials</i>
		46698	Jual borong bahan buangan dan sekerap dan bahan lain sama adda logam dan bukan logam untuk kitar semula <i>Wholesale of metal and non-metal waste and scrap and materials for recycling</i>
	469		Perdagangan borong tanpa pengkhususan <i>Non-specialised wholesale trade</i>
		46901	Jualan borong ikan akuarium, burung dan haiwan peliharaan <i>Wholesale of aquarium fishes, pet birds and animals</i>
		46902	Jualan borong makanan haiwan/haiwan peliharaan <i>Wholesale of animal/pet food</i>
		46909	Jualan borong pelbagai jenis barang tanpa pengkhususan tertentu t.t.t.l <i>Wholesale of variety of goods without any particular specialisation n.e.c</i>

Perdagangan Runcit <i>Retail Trade</i>			
BAHAGIAN <i>DIVISION</i>	KUMPULAN <i>GROUP</i>	PERKARA <i>ITEM</i>	KETERANGAN <i>DESCRIPTION</i>
47	471		Jualan runcit di kedai bukan pengkhususan <i>Retail sale in non-specialised stores</i>
		47111	Kedai runcit <i>Provision stores</i>
		47112	Pasar raya <i>Supermarket</i>
		47113	Pasar mini <i>Mini market</i>
		47114	Kedai 'convenience' <i>Convenience stores</i>
		47191	Gedung serbaneka <i>Department stores</i>
		47192	Gedung serbaneka dan pasar raya <i>Department stores and supermarket</i>
		47193	Pasar raya besar (Hypermarket) <i>Hypermarket</i>
		47194	Agan surat khabar dan kedai pelbagai barangan <i>News agent and miscellaneous goods store</i>
		47199	Jualan runcit lain di kedai tanpa pengkhususan t.t.t.l <i>Other retail sale in non-specialised stores n.e.c</i>
	472		Jualan runcit makanan, minuman dan tembakau di kedai pengkhususan <i>Retail sale of food, beverages and tobacco in specialised stores</i>
		47211	Jualan runcit beras, tepung, bijirin lain dan gula <i>Retail sale of rice, flour, other grains and sugars</i>
		47212	Jualan runcit sayur-sayuran dan buah-buahan segar atau diawet <i>Retail sale of fresh or preserved vegetables and fruits</i>
		47213	Jualan runcit produk tenusu dan telur <i>Retail sale of dairy products and eggs</i>
		47214	Jualan runcit daging dan produk daging (unggas) <i>Retail sale of meat and meat products (including poultry)</i>
		47215	Jualan runcit ikan dan makanan laut lain dan lain-lain produk yang berkaitan <i>Retail sale of fish, other seafood and products thereof</i>
		47216	Jualan runcit produk bakeri dan konfeksi <i>Retail sale of bakery products and sugar confectionery</i>
		47217	Jualan runcit mi, kueh teow, mihun, kulit wantan dan produk makanan lain yang dihasilkan daripada tepung atau soya <i>Retail sale of mee, kuey teow, mee hoon, wantan skins and other food products made from flour or soya</i>

Perdagangan Runcit Retail Trade			
BAHAGIAN DIVISION	KUMPULAN GROUP	PERKARA ITEM	KETERANGAN DESCRIPTION
		47219	Jualan runcit produk makanan lain t.t.t.l <i>Retail sale of other food products n.e.c</i>
		47221	Jualan runcit bir, wain dan spirit <i>Retail sale of beer, wine and spirits</i>
		47222	Jualan runcit teh, kopi, minuman ringan, air mineral dan minuman lain <i>Retail sale of tea, coffee, soft drinks, mineral water and other beverages</i>
		47230	Jualan runcit produk tembakau di kedai khusus <i>Retail sale of tobacco products in specialised store</i>
	473		Jualan runcit di kedai khusus yang menjual bahan api kenderaan <i>Retail sale of automotive fuel in specialised stores</i>
		47300	Jualan runcit bahan api kenderaan di kedai khusus <i>Retail sale of automotive fuel in specialised store</i>
	474		Jualan runcit di kedai khusus yang menjual peralatan komunikasi dan maklumat <i>Retail sale of information and communication equipment in specialised stores</i>
		47411	Jualan runcit komputer, peralatan dan kelengkapan komputer <i>Retail sale of computers, computer equipment and supplies</i>
		47412	Jualan runcit konsol permainan video dan perisian bukan ditempah khas <i>Retail sale of video game consoles and non-customised software</i>
		47413	Jualan runcit di peralatan telekomunikasi <i>Retail sale of telecommunication equipment</i>
		47420	Jualan runcit peralatan audio dan video di kedai pengkhususan <i>Retail sale of audio and video equipment in specialised store</i>
	475		Jualan runcit di kedai khusus yang menjual peralatan lain isi rumah <i>Retail sale of other household equipment in specialised stores</i>
		47510	Jualan runcit di kedai khusus yang menjual tekstil <i>Retail sale of textiles in specialised stores</i>
		47520	Jualan runcit bahan binaan, perkakasan, cat dan kaca <i>Retail sale of construction materials, hardware, paints and glass</i>
		47531	Jualan runcit karpet dan hamparan <i>Retail sale of carpets and rugs</i>
		47533	Jualan runcit kertas dinding dan alas lantai <i>Retail sale of wallpaper and floor coverings</i>
		47591	Jualan runcit perabot isi rumah <i>Retail sale of household furniture</i>

Perdagangan Runcit <i>Retail Trade</i>			
BAHAGIAN DIVISION	KUMPULAN GROUP	PERKARA ITEM	KETERANGAN DESCRIPTION
		47592	Jualan runcit peralatan lampu <i>Retail sale of articles for lighting</i>
		47593	Jualan runcit perkakasan isi rumah, perkakas dapur dan kutleri, pinggan mangkuk, barangan kaca dan barangan tembikar <i>Retail sale of household utensils and cutlery, crockery, glassware, chinaware and pottery</i>
		47594	Jualan runcit kayu, barangan gabus dan barangan anyaman rotan <i>Retail sale of wood, cork goods and wickerwork goods</i>
		47595	Jualan runcit perkakas isi rumah <i>Retail sale of household appliances</i>
		47596	Jualan runcit peralatan muzik dan skor <i>Retail sale of musical instruments and scores</i>
		47597	Jualan runcit sistem keselamatan <i>Retail sale of security systems</i>
		47598	Jualan runcit barangan dan peralatan isi rumah t.t.t.l <i>Retail sale of household articles and equipment n.e.c</i>
	476		Jualan runcit di kedai khusus yang menjual barangan kesenian dan rekreasi <i>Retail sale of cultural and recreation goods in specialised stores</i>
		47611	Jualan runcit bekalan dan peralatan pejabat <i>Retail sale of office supplies and equipment</i>
		47612	Jualan runcit buku, surat khabar dan alat tulis <i>Retail sale of books, newspapers and stationery</i>
		47620	Jualan runcit rekod muzik, pita audio, cakera padat, kaset, pita video, VCD dan DVD, pita dan cakera kosong <i>Retail sale of musical records, audio tapes, compact discs, cassettes, video tapes, VCDs and DVDs, blank tapes and discs</i>
		47631	Jualan runcit barangan dan peralatan sukan <i>Retail sale of sports goods and equipments</i>
		47632	Jualan runcit peralatan memancing <i>Retail sale of fishing equipment</i>
		47633	Jualan runcit barangan perkhemahan <i>Retail sale of camping goods</i>
		47634	Jualan runcit bot dan peralatannya <i>Retail sale of boats and equipments</i>

Perdagangan Runcit <i>Retail Trade</i>			
BAHAGIAN <i>DIVISION</i>	KUMPULAN <i>GROUP</i>	PERKARA <i>ITEM</i>	KETERANGAN <i>DESCRIPTION</i>
		47635	Jualan runcit basikal dan komponen (termasuk alat ganti) dan aksesori yang berkaitan <i>Retail sale of bicycles and related parts and accessories</i>
		47640	Jualan runcit permainan dan barang mainan, diperbuat dari pelbagai bahan <i>Retail sale of games and toys, made of all materials</i>
	477		Jualan runcit di kedai khusus yang menjual barangan lain <i>Retail sale of other goods in specialised stores</i>
		47711	Jualan runcit pakaian, artikel bagi bulu binatang dan aksesori pakaian <i>Retail sale of articles of clothing, articles of fur and clothing accessories</i>
		47712	Jualan runcit kasut <i>Retail sale of footwear</i>
		47713	Jualan runcit barangan kulit, aksesori kulit serta gantian kulit <i>Retail sale of leather goods, accessories of leather and leather substitutes</i>
		47721	Jualan runcit di kedai khusus yang menjual barang farmaseutikal, perubatan dan ortopedik <i>Stores specialised in retail sale of pharmaceuticals, medical and orthopaedic goods</i>
		47722	Jualan runcit di kedai khusus yang menjual pewangi, kosmetik dan kelengkapan dandanan diri <i>Stores specialised in retail sale of perfumery, cosmetic and toilet articles</i>
		47731	Jualan runcit peralatan fotografi dan kepersisan <i>Retail sale of photographic and precision equipment</i>
		47732	Jualan runcit jam tangan dan jam dinding <i>Retail sale of watches and clocks</i>
		47733	Jualan runcit barang kemas <i>Retail sale of jewellery</i>
		47734	Jualan runcit bunga, tumbuhan, biji benih dan baja <i>Retail sale of flowers, plants, seeds, fertilizers</i>
		47735	Jualan runcit cenderahati, kraftangan dan barang keagamaan <i>Retail sale of souvenir, craftwork and religious articles</i>
		47736	Jualan runcit minyak tanah, gas memasak, batu arang dan kayu api <i>Retail sale of household fuel oil, cooking gas, coal and fuel wood</i>
		47737	Jualan runcit cermin mata dan barang optik lain <i>Retail sale of spectacles and other optical goods</i>
		47738	Jualan runcit ikan akuarium, haiwan peliharaan dan makanannya <i>Retail sale of aquarium fishes, pet animals and pet food</i>

Perdagangan Runcit Retail Trade			
BAHAGIAN DIVISION	KUMPULAN GROUP	PERKARA ITEM	KETERANGAN DESCRIPTION
		47739	Jualan runcit di kedai khusus yang menjual barang baru lain t.t.t.l <i>Other retail sale of new goods in specialised stores n.e.c</i>
		47742	Jualan runcit barang elektrik dan elektronik terpakai <i>Retail sale of second-hand electrical and electronic goods</i>
		47743	Jualan runcit barang antik <i>Retail sale of antiques</i>
		47744	Aktiviti pusat lelongan (runcit) <i>Activities of auctioning houses (retail)</i>
		47749	Jualan runcit barangan terpakai t.t.t.l <i>Retail sale of second-hand goods n.e.c</i>
	478		Jualan runcit di gerai dan pasar <i>Retail sale via stalls and markets</i>
		47810	Jualan runcit makanan, minuman dan produk tembakau di gerai atau pasar <i>Retail sale of food, beverages and tobacco products via stalls or markets</i>
		47820	Jualan runcit tekstil, baju dan kasut di gerai atau pasar <i>Retail sale of textiles, clothing and footwear via stalls or markets</i>
		47891	Jualan runcit permaidani dan di gerai dan pasar <i>Retail sale of carpets and rugs via stalls or markets</i>
		47892	Jualan runcit buku di gerai atau pasar <i>Retail sale of books via stalls or markets</i>
		47893	Jualan runcit alat permainan dan barang mainan di gerai atau pasar <i>Retail sale of games and toys via stalls or markets</i>
		47894	Jualan runcit peralatan isi rumah dan barang elektronik di gerai atau pasar <i>Retail sale of household appliances and consumer electronics via stall or markets</i>
		47895	Jualan runcit rekod muzik dan video di gerai atau pasar <i>Retail sale of music and video recordings via stall or markets</i>

Perdagangan Runcit Retail Trade			
BAHAGIAN DIVISION	KUMPULAN GROUP	PERKARA ITEM	KETERANGAN DESCRIPTION
	479		Jualan runcit bukan di kedai, gerai atau pasar <i>Retail trade not in stores, stalls or markets</i>
		47911	Jualan runcit sebarang jenis produk melalui pesanan mel <i>Retail sale of any kind of products by mail order</i>
		47912	Jualan runcit sebarang jenis produk melalui internet <i>Retail sale of any kind of product over the Internet</i>
		47913	Jualan langsung melalui televisyen, radio dan telefon <i>Direct sale via television, radio and telephone</i>
		47914	Jualan runcit lelongan melalui internet <i>Internet retail auctions</i>
		47991	Jualan runcit sebarang jenis produk melalui jualan langsung atau penjualan dari pintu ke pintu <i>Retail sale of any kind of product by direct sales or door-to-door sales persons</i>
		47992	Jualan runcit sebarang jenis produk melalui mesin layan diri (<i>vending machine</i>) <i>Retail sale of any kind of product through vending machines</i>
		47999	Jualan runcit lain bukan di kedai, gerai atau pasar t.t.t.l <i>Other retail sale not in stores, stalls or markets n.e.c</i>

Kendaraan Bermotor Motor Vehicles			
BAHAGIAN DIVISION	KUMPULAN GROUP	PERKARA ITEM	KETERANGAN DESCRIPTION
45	451		Jualan kendaraan bermotor <i>Sale of motor vehicles</i>
		45101	Jualan borong dan runcit kendaraan bermotor baru <i>Wholesale and retail of new motor vehicles</i>
		45102	Jualan borong dan runcit kendaraan bermotor terpakai <i>Wholesale and retail of used motor vehicles</i>
		45103	Jualan kendaraan industri, komersial dan pertanian - baru <i>Sale of industrial, commercial and agriculture vehicles - new</i>
		45104	Jualan kendaraan industri, komersial dan pertanian - terpakai <i>Sale of industrial, commercial and agriculture vehicles - used</i>
		45105	Jualan oleh agen komisen <i>Sale of commission agents</i>
		45106	Lelongan kereta <i>Car auctions</i>
		45109	Jualan lain-lain kendaraan bermotor t.t.t.l <i>Sale of other motor vehicles n.e.c</i>
	452		Penyelenggaraan dan pembaikan kendaraan bermotor <i>Maintenance and repair of motor vehicles</i>
		45201	Penyelenggaraan dan pembaikan kendaraan bermotor <i>Maintenance and repair of motor vehicles</i>
		45202	Menyembur dan mengecat <i>Spraying and painting</i>
		45203	Mencuci dan mengilap (cuci kereta) <i>Washing and polishing (car wash)</i>
		45205	Pemasangan komponen (termasuk alat ganti) dan aksesori bukan sebahagian daripada proses pembuatan <i>Installation of parts and accessories not as part of the manufacturing process</i>
	453		Jualan komponen (termasuk alat ganti) dan aksesori kendaraan bermotor <i>Sale of motor vehicle parts and accessories</i>
		45300	Jualan borong dan runcit semua jenis komponen, alat ganti, bekalan, peralatan dan aksesori kendaraan bermotor <i>Wholesale and retail sale of all kinds of parts, components, supplies, tools and accessories for motor vehicles</i>
	454		Jualan, penyelenggaraan dan pembaikan motosikal dan komponen (termasuk alat ganti) dan aksesori berkaitan <i>Sale maintenance and repair of motorcycles and related parts and accessories</i>
		45401	Jualan borong dan runcit motosikal <i>Wholesale and retail sale of motorcycles</i>
		45402	Jualan borong dan runcit komponen (termasuk alat ganti) dan aksesori motosikal <i>Wholesale and retail sale of parts and accessories for motorcycles</i>
		45403	Pembaikan dan penyelenggaraan motosikal <i>Repair and maintenance of motorcycles</i>

PENGANGKUTAN DAN PENYIMPANAN TRANSPORT AND STORAGE			
Pengangkutan Darat dan Pengangkutan Melalui Saluran Paip Land Transport and Transport Via Pipelines			
BAHAGIAN DIVISION	KUMPULAN GROUP	PERKARA ITEM	KETERANGAN DESCRIPTION
49	491	49110	Pengangkutan penumpang antara bandar melalui rel <i>Passenger transport by inter-urban railways</i>
		49212	Perkhidmatan pengangkutan rel penumpang bandar dan luar bandar <i>Urban and suburban railway passenger transport service</i>
		49223	Perkhidmatan bas sekolah <i>School bus services</i>
		49224	Perkhidmatan operasi teksi dan limosin <i>Taxi operation and limousine services</i>
		49225	Sewa kereta dengan pemandu <i>Rental of cars with driver</i>
		49300	Pengangkutan melalui saluran paip <i>Transport via pipeline</i>
	492	49211	Perkhidmatan bas bandaraya <i>City bus services</i>
		49221	Perkhidmatan bas ekspres <i>Express bus services</i>
		49222	Perkhidmatan bas pekerja <i>Employees bus services</i>
		49229	Pengangkutan darat penumpang lain <i>Other passenger land transport</i>
		49230	Pengangkutan muatan melalui jalan raya <i>Freight transport by road</i>
Pengangkutan Air Water Transport			
BAHAGIAN DIVISION	KUMPULAN GROUP	PERKARA ITEM	KETERANGAN DESCRIPTION
50	501	50111	Operasi rombongan, cruise atau bot persiaran <i>Operation of excursion, cruise or sightseeing boats</i>
		50112	Operasi feri, teksi air <i>Operation of ferries, water taxis</i>
		50113	Sewaan bot santai dengan krew bagi pengangkutan laut dan persisir pantai <i>Rental of pleasure boats with crew for sea and coastal water transport</i>
		50121	Pengangkutan muatan laut dan persisir pantai, berjadual atau tidak berjadual <i>Transport of freight overseas and coastal waters, whether scheduled or not</i>
		50122	Pengangkutan tunda atau tolak tongkang, pelantar minyak <i>Transport by towing or pushing of barges oil rigs</i>

Pengangkutan Air Water Transport			
BAHAGIAN DIVISION	KUMPULAN GROUP	PERKARA ITEM	KETERANGAN DESCRIPTION
50	502	50211	Pengangkutan penumpang melalui sungai, terusan, tasik dan laluan air pedalaman lain <i>Transport of passenger via rivers, canals, lakes and other inland waterways</i>
		50212	Sewaan bot santai dengan krew bagi pengangkutan air pedalaman <i>Rental of pleasure boats with crew for inland water transport</i>
		50220	Pengangkutan muatan melalui sungai, terusan, tasik dan laluan air pedalaman lain <i>Transport of freight via rivers, canals, lakes and other inland waterways</i>
Pengangkutan Udara Air Transport			
BAHAGIAN DIVISION	KUMPULAN GROUP	PERKARA ITEM	KETERANGAN DESCRIPTION
51	511	51101	Pengangkutan penumpang melalui udara mengikut laluan dan jadual biasa <i>Transport of passengers by air over regular routes and on regular schedules</i>
		51102	Pengangkutan penumpang tidak berjadual melalui udara <i>Non-scheduled transport of passenger by air</i>
		51103	Penyewaan peralatan pengangkutan dengan operator untuk tujuan pengangkutan penumpang <i>Renting of air-transport equipment with operator for the purpose of passenger transportation</i>
	512	51201	Pengangkutan muatan udara mengikut laluan dan berjadual biasa <i>Transport freight by air over regular routes and on regular schedules</i>
		51202	Pengangkutan muatan udara tidak berjadual <i>Non-scheduled transport of freight by air</i>
		51203	Penyewaan peralatan pengangkutan udara dengan operator untuk tujuan pengangkutan muatan <i>Renting of air-transport equipment with operator for the purpose of freight transportation</i>
Penggudangan dan Aktiviti Sokongan untuk Pengangkutan Warehousing and Support Activities for Transportation			
BAHAGIAN DIVISION	KUMPULAN GROUP	PERKARA ITEM	KETERANGAN DESCRIPTION
52	521	52100	Perkhidmatan penggudangan dan penyimpanan <i>Warehousing and storage services</i>
	522	52211	Operasi kemudahan terminal (darat) <i>Operation of terminal facilities (land)</i>
		52212	Perkhidmatan tunda dan bantuan tepi jalan <i>Towing and road side assistance</i>
		52213	Operasi kemudahan meletak kenderaan bermotor (medan letak kenderaan) <i>Operation of parking facilities for motor vehicles (parking lots)</i>
		52214	Perkhidmatan operasi lebuh raya, jambatan dan terowong <i>Highway, bridge and tunnel operation services</i>

Penggudangan dan Aktiviti Sokongan untuk Pengangkutan <i>Warehousing and Support Activities for Transportation</i>			
BAHAGIAN <i>DIVISION</i>	KUMPULAN <i>GROUP</i>	PERKARA <i>ITEM</i>	KETERANGAN <i>DESCRIPTION</i>
52	522	52219	Aktiviti perkhidmatan lain berkaitan pengangkutan darat t.t.t.l. <i>Other service activities incidental to land transportation n.e.c.</i>
		52221	Operasi perkhidmatan pelabuhan dan limbungan <i>Port, harbours and piers operation services</i>
		52222	Perkhidmatan penyelamat dan pengapungan semula kapal <i>Vessel salvage and refloating services</i>
		52229	Aktiviti perkhidmatan lain berkaitan pengangkutan air t.t.t.l. <i>Other service activities incidental to water transportation n.e.c.</i>
		52231	Operasi kemudahan terminal (udara) <i>Operation of terminal facilities (air)</i>
		52241	Perkhidmatan pemunggahan <i>Stevedoring services</i>
		52249	Aktiviti pengendalian kargo lain t.t.t.l. <i>Other cargo handling activities n.e.c.</i>
		52291	Penghantaran muatan <i>Forwarding of freight</i>
		52292	Pembrokeran ruang kapal dan kapal terbang <i>Brokerage for ship and aircraft space</i>
		52299	Aktiviti sokongan pengangkutan lain <i>Other transportation support activities n.e.c.</i>
Perkhidmatan Pos dan Kurier <i>Postal and Courier Activities</i>			
BAHAGIAN <i>DIVISION</i>	KUMPULAN <i>GROUP</i>	PERKARA <i>ITEM</i>	KETERANGAN <i>DESCRIPTION</i>
53	531	53100	Perkhidmatan pos nasional <i>National postal services</i>
	532	53200	Aktiviti kurier selain daripada aktiviti pos nasional <i>Courier activities other than national post activities</i>

MAKLUMAT DAN KOMUNIKASI INFORMATION AND COMMUNICATION			
Aktiviti Penerbitan Publishing Activities			
BAHAGIAN DIVISION	KUMPULAN GROUP	PERKARA ITEM	KETERANGAN DESCRIPTION
58	581	58110	Penerbitan buku, brosur dan penerbitan lain <i>Publishing of books, brochures and other publications</i>
		58120	Penerbitan senarai mel, buku telefon dan direktori lain <i>Publishing of mailing lists, telephone book and other directories</i>
		58130	Penerbitan surat khabar, jurnal, majalah dan penerbitan berkala dalam bentuk cetakan atau elektronik <i>Publishing of newspapers, journals, magazines and periodicals in print or electronic form</i>
		58190	Penerbitan katalog, gambar, turisan dan poskad, kad ucapan, borang, poster, penerbitan semula kerja-kerja seni, bahan pengiklanan dan bahan bercetak lain t.t.t.l. <i>Publishing of catalogues, photos, engraving and postcards, greeting cards, forms, posters, reproduction of works of art, advertising material and other printed matter n.e.c</i>
	582	58201	Aplikasi perniagaan dan aplikasi lain <i>Business and other applications</i>
		58202	Permainan komputer untuk semua platform <i>Computer games for all platforms</i>
		58203	Sistem operasi <i>Operating systems</i>
Aktiviti Penerbitan Wayang Gambar, Video dan Program Televisyen, Rakaman Bunyi dan Penerbitan Muzik Motion Picture, Video and Television Programme Production, Sound Recording and Music Publishing Activities			
BAHAGIAN DIVISION	KUMPULAN GROUP	PERKARA ITEM	KETERANGAN DESCRIPTION
59	591	59110	Aktiviti pengeluaran wayang gambar, video dan program televisyen <i>Motion picture, video and television programme production activities</i>
		59120	Aktiviti pasca produksi wayang gambar, video dan program televisyen <i>Motion picture, video and television programme post-production activities</i>
		59130	Aktiviti pengedaran wayang gambar, video dan program televisyen <i>Motion picture, video and television programme distribution activities</i>
		59140	Aktiviti penayangan wayang gambar <i>Motion picture projection activities</i>
	592	59200	Aktiviti rakaman bunyi dan penerbitan muzik <i>Sound recording and music publishing activities</i>
Aktiviti Pemrograman dan Penyiaran Programming and Broadcasting Activities			
BAHAGIAN DIVISION	KUMPULAN GROUP	PERKARA ITEM	KETERANGAN DESCRIPTION
60	601	60100	Penyiaran radio <i>Radio broadcasting</i>
	602	60200	Aktiviti pemrograman dan penyiaran televisyen <i>Television programming and broadcasting activities</i>

Telekomunikasi <i>Telecommunication</i>			
BAHAGIAN <i>DIVISION</i>	KUMPULAN <i>GROUP</i>	PERKARA <i>ITEM</i>	KETERANGAN <i>DESCRIPTION</i>
61	611	61101	Perkhidmatan aktiviti telekomunikasi berwayar <i>Wired telecommunications services</i>
	612	61201	Perkhidmatan telekomunikasi tanpa wayar <i>Wireless telecommunications services</i>
	613	61300	Perkhidmatan telekomunikasi satelit <i>Satellite telecommunications services</i>
	619	61901	Penyediaan akses internet melalui rangkaian di antara pelanggan dan ISP yang bukan dimiliki atau dikawal oleh ISP <i>Provision of internet access over networks between the client and the ISP not owned or controlled by the ISP</i>
		61909	Aktiviti telekomunikasi lain t.t.t.l. <i>Other telecommunications activities n.e.c.</i>
Aktiviti Pengaturcaraan Komputer, Perundingan dan Aktiviti yang Berkaitan <i>Computer Programming, Consultancy and Related Activities</i>			
BAHAGIAN <i>DIVISION</i>	KUMPULAN <i>GROUP</i>	PERKARA <i>ITEM</i>	KETERANGAN <i>DESCRIPTION</i>
62	620	62010	Aktiviti pengaturcaraan komputer <i>Computer programming activities</i>
		62021	Perundingan komputer <i>Computer consultancy</i>
		62022	Aktiviti pengurusan kemudahan komputer <i>Computer facilities management activities</i>
		62091	Sistem keselamatan Teknologi Maklumat dan Komunikasi (ICT) <i>Information Communication Technology (ICT) system security</i>
		62099	Aktiviti perkhidmatan teknologi maklumat lain <i>Other information technology service activities</i>
Perkhidmatan Maklumat <i>Information Services</i>			
BAHAGIAN <i>DIVISION</i>	KUMPULAN <i>GROUP</i>	PERKARA <i>ITEM</i>	KETERANGAN <i>DESCRIPTION</i>
63	631	63111	Aktiviti penyediaan infrastruktur untuk hosting, perkhidmatan prosesan data dan aktiviti yang berkaitan <i>Activities of providing infrastructure for hosting, data processing services and related activities</i>
		63112	Aktiviti prosesan data <i>Data processing activities</i>
		63120	Web portal <i>Web portals</i>
	639	63990	Aktiviti perkhidmatan maklumat lain <i>Other information service activities</i>

MAKANAN & MINUMAN FOOD & BEVERAGE			
BAHAGIAN DIVISION	KUMPULAN GROUP	PERKARA ITEM	KETERANGAN DESCRIPTION
56	561	56101	Restoran dan restoran yang juga kelab malam <i>Restaurants and restaurant cum night clubs</i>
		56102	Kafeteria <i>Cafeterias</i>
		56103	Restoran makanan segera <i>Fast food restaurants</i>
		56104	Trak air krim dengan tempat duduk <i>Ice cream truck vendors and parlours</i>
		56106	Gerai/ penjaja makanan <i>Food stalls/ hawkers</i>
		56107	Makanan dan minuman, penyediaan makanan dan minuman di dalam gerai/penjaja <i>Food or beverage, food and beverage preparation in market stalls/hawkers</i>
	562	56210	Katering makanan <i>Event/ food caterers</i>
		56290	Aktiviti perkhidmatan makanan lain <i>Other food service activities</i>
	563	56301	Pub, bar, disko, <i>coffee house</i> , ruang koktel dan karaoke <i>Pubs, bars, discotheques, coffee houses, cocktail lounges and karaoke</i>
		56302	Kedai kopi <i>Coffee shops</i>
		56303	Gerai/penjaja minuman <i>Drink stalls/hawkers</i>
		56309	Tempat minuman lain <i>Others drinking places</i>

PENDIDIKAN SWASTA PRIVATE EDUCATION			
BAHAGIAN DIVISION	KUMPULAN GROUP	PERKARA ITEM	KETERANGAN DESCRIPTION
85	851	85102	Pendidikan pra-sekolah (swasta) <i>Pre-primary education (private)</i>
		85104	Pendidikan rendah (swasta) <i>Primary education (private)</i>
	852	85212	Pendidikan menengah am (swasta) <i>General school secondary education (private)</i>
		85222	Pendidikan menengah teknik dan vokasional di bawah tahap pendidikan tinggi (swasta) <i>Technical and vocational education below the level of higher education (private)</i>
	853	85302	Pendidikan kolej dan universiti (swasta) <i>College and university education (private)</i>
	854	85411	Pengajaran sukan <i>Sports instruction</i>
		85421	Sekolah muzik dan tarian <i>Music and dancing school</i>
		85491	Pusat tuisyen <i>Tuition centre</i>
		85492	Sekolah memandu <i>Driving school</i>
		85493	Pengajaran agama <i>Religious instruction</i>
		85494	Latihan komputer <i>Computer training</i>
86	861	86101	Aktiviti hospital <i>Hospital activities</i>
		86102	Perkhidmatan rumah bersalin <i>Maternity home services</i>
	862	86201	Perkhidmatan perubatan am <i>General medical services</i>
		86202	Perkhidmatan perubatan khas <i>Specialised medical services</i>
		86203	Perkhidmatan berkaitan gigi <i>Dental services</i>
	869	86901	Pusat dialisis <i>Dialysis centers</i>
		86902	Makmal perubatan <i>Medical laboratories</i>
		86904	Perkhidmatan akupunktur <i>Acupuncture services</i>
		86905	Perkhidmatan ahli herba dan homeopati <i>Herbalist and homeopathy services</i>

PROFESIONAL PROFESSIONAL			
Aktiviti Guaman dan Perakaunan <i>Legal and Accounting Activities</i>			
BAHAGIAN <i>DIVISION</i>	KUMPULAN <i>GROUP</i>	PERKARA <i>ITEM</i>	KETERANGAN <i>DESCRIPTION</i>
69	691	69100	Aktiviti guaman <i>Legal activities</i>
	692	69200	Aktiviti perakaunan, simpan kira dan audit; perundingan percukaian <i>Accounting, bookkeeping and auditing activities; tax consultancy</i>
Aktiviti Ibu Pejabat; Aktiviti Perundingan Pengurusan <i>Activities of Head Offices; Management Consultancy Activities</i>			
BAHAGIAN <i>DIVISION</i>	KUMPULAN <i>GROUP</i>	PERKARA <i>ITEM</i>	KETERANGAN <i>DESCRIPTION</i>
70	701	70100	Aktiviti ibu pejabat <i>Activities of head offices</i>
	702	70209	Aktiviti perundingan pengurusan lain <i>Other management consultancy activities n.e.c.</i>
Aktiviti Arkitek dan Kejuruteraan; Ujian Teknikal dan Analisis <i>Architectural and Engineering Activities; Technical Testing and Analysis</i>			
BAHAGIAN <i>DIVISION</i>	KUMPULAN <i>GROUP</i>	PERKARA <i>ITEM</i>	KETERANGAN <i>DESCRIPTION</i>
71	711	71101	Perkhidmatan arkitek <i>Architectural services</i>
		71102	Perkhidmatan kejuruteraan <i>Engineering services</i>
		71103	Perkhidmatan juru ukur tanah <i>Land surveying services</i>
		71109	Perkhidmatan aktiviti arkitek & Kejuruteraan lain dan perundingan teknikal berkaitan <i>Other architectural and engineering activities and related technical consultancy</i>
	712	71200	Ujian teknikal dan analisis <i>Technical testing and analysis</i>

Penyelidikan dan Pembangunan Saintifik <i>Scientific Research and Development</i>			
BAHAGIAN <i>DIVISION</i>	KUMPULAN <i>GROUP</i>	PERKARA <i>ITEM</i>	KETERANGAN <i>DESCRIPTION</i>
72	721	72101	Penyelidikan dan pembangunan sains semula jadi <i>Research and development on natural sciences</i>
		72102	Penyelidikan dan pembangunan kejuruteraan dan teknologi <i>Research and development on engineering and technology</i>
		72103	Penyelidikan dan pembangunan sains perubatan <i>Research and development on medical sciences</i>
		72104	Penyelidikan dan pembangunan bioteknologi <i>Research and development on biotechnology</i>
		72105	Penyelidikan dan pembangunan sains pertanian <i>Other management consultancy activities n.e.c.</i>
		72106	Penyelidikan dan pembangunan teknologi maklumat dan komunikasi <i>Research and development on information communication technology</i>
		72109	Penyelidikan dan pembangunan sains semula jadi dan kejuruteraan lain t.t.t.l. <i>Research and development on natural science and engineering n.e.c.</i>
Aktiviti Pengiklanan dan Penyelidikan Pasaran <i>Advertising and Market Research Services</i>			
BAHAGIAN <i>DIVISION</i>	KUMPULAN <i>GROUP</i>	PERKARA <i>ITEM</i>	KETERANGAN <i>DESCRIPTION</i>
73	731	73100	Pengiklanan <i>Advertising</i>
	732	73200	Penyelidikan Pasaran dan tinjauan pendapat umum <i>Market Research and public opinion polling</i>
Aktiviti Profesional, Saintifik dan Teknikal Lain <i>Other Professional, Scientific and Technical Activities</i>			
BAHAGIAN <i>DIVISION</i>	KUMPULAN <i>GROUP</i>	PERKARA <i>ITEM</i>	KETERANGAN <i>DESCRIPTION</i>
74	741	74101	Aktiviti hiasan dalaman <i>Activities of interior decorators</i>
	742	74200	Aktiviti fotografi <i>Photographic activities</i>
	749	74904	Aktiviti juru ukur bahan <i>Activities of quantity surveyors</i>
Aktiviti Veterinar <i>Veterinary Activity</i>			
BAHAGIAN <i>DIVISION</i>	KUMPULAN <i>GROUP</i>	PERKARA <i>ITEM</i>	KETERANGAN <i>DESCRIPTION</i>
75	750	75000	Aktiviti veterinar <i>Veterinary activities</i>

PENGINAPAN ACCOMMODATION			
BAHAGIAN DIVISION	KUMPULAN GROUP	PERKARA ITEM	KETERANGAN DESCRIPTION
55	551	55101	Hotel (termasuk resort) <i>Hotel (including resort)</i>
		55102	Hotel bajet/ Motel <i>Budget hotel/ Motel</i>
		55103	Hotel apartmen <i>Apartment hotels</i>
		55104	Chalet <i>Chalets</i>
KESENIAN, HIBURAN DAN REKREASI ARTS, ENTERTAINMENT AND RECREATION			
Aktiviti Kesenian, Hiburan dan Kreatif <i>Creative, Arts and Entertainment Activities</i>			
BAHAGIAN DIVISION	KUMPULAN GROUP	PERKARA ITEM	KETERANGAN DESCRIPTION
90	900	90001	Perkhidmatan penerbit teater, penyanyi kumpulan pancaragam dan hiburan orkestra <i>Theatrical producer, singer group band and orchestra entertainment services</i>
		90002	Operasi dewan konsert dan teater serta kemudahan kesenian lain <i>Operation of concert and theatre halls and other arts facilities</i>
		90003	Aktiviti pemahat, pelukis, kartunis, pengukir, penggores <i>Activities of sculptors, painters, cartoonists, engravers, etchers</i>
		90007	Aktiviti penerbit atau pengusaha seni persembahan secara langsung, dengan atau tanpa kemudahan <i>Activities of producers or entrepreneurs of arts live events, with or without facilities</i>
		90009	Aktiviti kesenian, hiburan dan kreatif t.t.t.l. <i>Creative, arts and entertainment activities n.e.c.</i>
Aktiviti Perpustakaan, Arkib, Muzium dan Kebudayaan Lain <i>Libraries, Archives, Museums and Other Cultural Activities</i>			
BAHAGIAN DIVISION	KUMPULAN GROUP	PERKARA ITEM	KETERANGAN DESCRIPTION
91	910	91021	Operasi semua jenis muzium <i>Operation of museums of all kinds</i>
		91031	Operasi taman botani dan zoologi <i>Operation of botanical and zoological gardens</i>
Aktiviti Perjudian dan Pertaruhan <i>Gambling and Betting Activities</i>			
BAHAGIAN DIVISION	KUMPULAN GROUP	PERKARA ITEM	KETERANGAN DESCRIPTION
92	920	92000	Aktiviti perjudian dan pertaruhan <i>Gambling and betting activities</i>

Aktiviti Sukan Sports Activities			
BAHAGIAN DIVISION	KUMPULAN GROUP	PERKARA ITEM	KETERANGAN DESCRIPTION
93	931	93111	Bola sepak, hoki, kriket, besbol, badminton, futsal, paintball <i>Football, hockey, cricket, baseball, badminton, futsal, paintball</i>
		93112	Litar perlumbaan untuk kenderaan bermotor <i>Racetracks for auto</i>
		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>
		93119	Penganjuran dan operasi acara sukan dalam atau luar bangunan untuk profesional atau amatur oleh organisasi dengan kemudahan sukan sendiri <i>Organisation and operation of outdoor or indoor sports events for professionals or amateurs by organisations with own facilities</i>
		93120	Operasi kelab sukan seperti kelab bola sepak, kelab <i>The operation of sports clubs such as football club, bowling club, swimming club</i>
		93191	Aktiviti penganjur atau promosi acara sukan, dengan atau tanpa kemudahan <i>Activities of producers or promoters of sports events, with or without facilities</i>
		93193	Aktiviti berkaitan dengan promosi acara sukan <i>Activities of related to promotion of sporting events</i>
		93199	Aktiviti sukan lain t.t.t.l <i>Other sports activities n.e.c</i>
	932	93210	Aktiviti taman hiburan dan taman tema <i>Activities of amusement parks and theme parks</i>
		93291	Aktiviti taman rekreasi dan pantai <i>Activities of recreation parks and beaches</i>
		93292	Operasi kemudahan pengangkutan rekreasi <i>Operation of recreational transport facilities</i>
		93293	Sewaan peralatan riadah sebagai kelengkapan untuk kemudahan rekreasi <i>Renting of leisure and pleasure equipment as an integral part of recreational facilities</i>
		93294	Operasi pesta dan pertunjukan rekreasi semula jadi <i>Operation of fairs and shows of a recreational nature</i>
		93296	Aktiviti penganjur atau pengusaha persembahan secara langsung selain daripada acara kesenian atau sukan, dengan atau tanpa kemudahan <i>Activities of producers or entrepreneurs of live events other than arts or sports events, with or without facilities</i>
		93297	Kafe siber / pusat internet <i>Cyber Café/ Internet Centre</i>
		93299	Aktiviti hiburan dan rekreasi lain t.t.t.l. <i>Any other amusement and recreation activities n.e.c.</i>

EJEN HARTANAH REAL ESTATE AGENT			
Aktiviti Hartanah Atas Dasar Bayaran atau Kontrak <i>Real Estate Activities on a Fee or Contract Basis</i>			
BAHAGIAN <i>DIVISION</i>	KUMPULAN <i>GROUP</i>	PERKARA <i>ITEM</i>	KETERANGAN <i>DESCRIPTION</i>
	681	68101	Pembelian, penjualan, penyewaan dan pengendalian bagi hartanah milikan sendiri atau pajakan – bangunan kediaman <i>Buying, selling, renting and operating of self-owned or leased real estate – residential buildings</i>
		68102	Pembelian, penjualan, penyewaan dan pengendalian bagi hartanah milikan sendiri atau pajakan - bangunan bukan kediaman <i>Buying, selling, renting and operating of self-owned or leased real estate – non-residential buildings</i>
		68103	Pembelian, penjualan, penyewaan dan pengendalian bagi hartanah milikan sendiri atau pajakan - tanah <i>Buying, selling, renting and operating of self-owned or leased real estate – land</i>
		68104	Pembangunan bagi projek yang dibina untuk operasi sendiri spt. untuk sewaan ruang di dalam bangunan <i>Development of building projects for own operation, i.e. for renting of space in these buildings</i>
		68109	Aktiviti hartanah bagi harta milikan sendiri atau pajakan t.t.t.l. <i>Real estate activities with own or leased property n.e.c.</i>
Aktiviti Hartanah atas Dasar Bayaran atau Kontrak <i>Real Estate Activities on a Fee or Contract Basis</i>			
BAHAGIAN <i>DIVISION</i>	KUMPULAN <i>GROUP</i>	PERKARA <i>ITEM</i>	KETERANGAN <i>DESCRIPTION</i>
	682	68201	Aktiviti agen dan broker hartanah untuk pembelian, penjualan dan penyewaan hartanah atas dasar bayaran atau kontrak <i>Activities of real estate agents and brokers for buying, selling and renting for real estate on a fee or contract basis</i>
		68202	Penilaian dan pengurusan hartanah atas dasar bayaran atau kontrak <i>Valuation and management of real estate on a fee or contract basis</i>
		68203	Perkhidmatan pentaksir hartanah atas dasar bayaran atau kontrak <i>Appraisal services for real estate on a fee or contract basis</i>
		68209	Aktiviti hartanah atas dasar bayaran atau kontrak <i>Real estate activities on a fee or contract basis</i>

AKTIVITI PENTADBIRAN DAN KHIDMAT SOKONGAN ADMINISTRATIVE AND SUPPORT SERVICES ACTIVITIES			
Aktiviti Sewaan dan Pajakan Rental and Leasing Activities			
BAHAGIAN DIVISION	KUMPULAN GROUP	PERKARA ITEM	KETERANGAN DESCRIPTION
77	771	77101	Penyewaan dan pemajakan operasi kereta penumpang (tanpa pemandu) <i>Renting and operational leasing of passenger cars (without driver)</i>
		77102	Penyewaan dan pemajakan operasi trak, treler pelbagai guna dan kenderaan rekreasi <i>Renting and operational leasing of trucks, utility trailers and recreational vehicles</i>
		77291	Penyewaan dan pemajakan barang tekstil, pakaian dan kasut <i>Renting and leasing of textiles, wearing apparel and footwear</i>
		77292	Penyewaan dan pemajakan barang perabot, tembikar dan kaca, perkakas dapur, barang elektrik dan peralatan rumah <i>Renting and leasing of furniture, pottery and glass, kitchen and tableware, electrical appliances and house wares</i>
		77301	Penyewaan dan pemajakan operasi, tanpa operator, untuk mesin dan kelengkapan lain yang biasanya digunakan sebagai barang modal oleh industri <i>Renting and operational leasing, without operator, of other machinery and equipment that are generally used as capital goods by industries</i>
		77303	Penyewaan dan pemajakan operasi kelengkapan pengangkutan air tanpa pengendali <i>Renting and operational leasing of water-transport equipment without operator</i>
		77304	Penyewaan dan pemajakan operasi kelengkapan pengangkutan udara tanpa pengendali <i>Renting and operational leasing of air transport equipment without operator</i>
		77306	Penyewaan dan pajakan operasi jentera dan kelengkapan pembinaan dan kejuruteraan awam tanpa pengendali <i>Renting and operational leasing of construction and civil-engineering machinery and equipment without operator</i>
		77400	Pemajakan harta intelektual dan produk seumpamanya, kecuali kerja berhakcipta <i>Leasing of intellectual property and similar products, except copyrighted works</i>
Aktiviti Pekerjaan Employment Activities			
BAHAGIAN DIVISION	KUMPULAN GROUP	PERKARA ITEM	KETERANGAN DESCRIPTION
78	781	78100	Aktiviti agensi penempatan pekerjaan <i>Activities of employment placement agencies</i>
	782	78200	Aktiviti agensi pekerjaan sementara <i>Temporary employment agency activities</i>

Agensi Pengembaraan, Operator Pelancongan, Khidmat Penempahan dan Aktiviti Berkaitan <i>Travel Agency, Tour Operator, Reservation Services and Related Activities</i>			
BAHAGIAN <i>DIVISION</i>	KUMPULAN <i>GROUP</i>	PERKARA <i>ITEM</i>	KETERANGAN <i>DESCRIPTION</i>
79	791	79110	Aktiviti agensi pengembaraan <i>Travel agency activities</i>
Aktiviti Keselamatan dan Penyiasatan <i>Security and Investigation Activities</i>			
BAHAGIAN <i>DIVISION</i>	KUMPULAN <i>GROUP</i>	PERKARA <i>ITEM</i>	KETERANGAN <i>DESCRIPTION</i>
80	801	80100	Aktiviti keselamatan persendirian <i>Private security activities</i>
		80200	Aktiviti perkhidmatan sistem keselamatan <i>Security systems service activities</i>
Aktiviti Perkhidmatan Bagunan dan Landskap <i>Services to Building and Landscape Activities</i>			
BAHAGIAN <i>DIVISION</i>	KUMPULAN <i>GROUP</i>	PERKARA <i>ITEM</i>	KETERANGAN <i>DESCRIPTION</i>
81	812	81210	Pembersihan am bangunan <i>General cleaning of buildings</i>
		81291	Pembersihan semua jenis bangunan <i>Cleaning of buildings of all types</i>
		81295	Perkhidmatan pembersihan kawalan haiwan perosak yang tiada kaitan dengan pertanian <i>Cleaning of pest control services not in connection with agriculture</i>
	813	81300	Aktiviti perkhidmatan penjagaan dan penyelenggaraan landskap <i>Landscape care and maintenance service activities</i>
Aktiviti Pengurusan Pejabat, Sokongan Pejabat dan Sokongan Perniagaan Lain <i>Office Administrative, Office Support and Other Business Support Activities</i>			
BAHAGIAN <i>DIVISION</i>	KUMPULAN <i>GROUP</i>	PERKARA <i>ITEM</i>	KETERANGAN <i>DESCRIPTION</i>
82	821	82191	Penyediaan dokumen, penyuntingan dan/atau membaca pruf <i>Document preparation, editing and/or proofreading</i>
		82193	Perkhidmatan sokongan kesetiausahaan <i>Secretarial support services</i>
		82196	Fotokopi, pendua, bluprint <i>Photocopying, duplicating, blueprinting</i>
	823	82301	Mengurus, mempromosi dan/atau mengendali acara <i>Organization, promotions and/or management of event</i>
		82302	Mesyuarat , insentif, konvensyen, pameran (MICE) <i>Meeting, incentive, convention, exhibition (MICE)</i>
		82990	Aktiviti perkhidmatan sokongan perniagaan t.t.t.l. <i>Other business support service activities n.e.c.</i>

Aktiviti Pengurusan Pejabat, Sokongan Pejabat dan Sokongan Perniagaan Lain <i>Office Administrative, Office Support and Other Business Support Activities</i>			
BAHAGIAN DIVISION	KUMPULAN GROUP	PERKARA ITEM	KETERANGAN DESCRIPTION
	829	82920	Aktiviti pembungkusan berdasarkan kontrak atau yuran sama ada melibatkan proses automatik atau tidak <i>Packaging activities on a fee or contract basis, whether or not these involve an automated process</i>
		82990	Aktiviti perkhidmatan sokongan perniagaan t.t.t.l. <i>Other business support service activities n.e.c.</i>
PEMBAIKAN KOMPUTER DAN BARANGAN PERSENDIRIAN DAN ISI RUMAH <i>REPAIRS OF COMPUTERS AND PERSONAL AND HOUSEHOLD GOODS</i>			
Pembaikan Komputer dan Peralatan Komunikasi <i>Repair of Computers and Communication Equipment</i>			
BAHAGIAN DIVISION	KUMPULAN GROUP	PERKARA ITEM	KETERANGAN DESCRIPTION
95	951	95111	Pembaikan peralatan elektronik <i>Repair of electronic equipment</i>
		95121	Pembaikan dan penyelenggaraan telefon tanpa wayar <i>Repair and maintenance of cordless telephones</i>
	952	95221	Pembaikan dan penyenggaraan kelengkapan isi rumah <i>Repair and servicing of household appliances</i>
Aktiviti Perkhidmatan Persendirian Lain <i>Other Personal Service Activities</i>			
BAHAGIAN DIVISION	KUMPULAN GROUP	PERKARA ITEM	KETERANGAN DESCRIPTION
96	960	96011	Pencucian dan cucian kering, menggosok <i>Laundering and dry-cleaning, pressing</i>
		96020	Dandanan rambut dan penjagaan kecantikan lain <i>Hairdressing and other beauty treatment</i>
		96031	Penyediaan pengurusan mayat untuk pengebumian atau pembakaran dan perkhidmatan pengawetan mayat <i>Preparing the dead for burial or cremation and embalming and morticians' services</i>
		96091	Aktiviti sauna, mandian stim, salon mengurut <i>Activities of sauna, steam baths, massage salons</i>

**MAKLUMAT LANJUT BERHUBUNG PENERBITAN INI BOLEH DIRUJUK DI JABATAN PERANGKAAN NEGERI
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