



MALAYSIA

PERANGKAAN PERKHIDMATAN
SERVICES STATISTICS

PRESTASI PERDAGANGAN BORONG & RUNCIT

*PERFORMANCE OF
WHOLESALE &
RETAIL TRADE*



OGOS
AUGUST **2019**

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JABATAN PERANGKAAN MALAYSIA
DEPARTMENT OF STATISTICS, MALAYSIA



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PERANGKAAN PERKHIDMATAN *SERVICES STATISTICS*

PRESTASI PERDAGANGAN BORONG & RUNCIT *PERFORMANCE OF WHOLESALE & RETAIL TRADE*

OGOS
AUGUST 2019

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Pemakluman/ Announcement:

Kerajaan Malaysia telah mengisytiharkan Hari Statistik Negara (MyStats Day) pada 20 Oktober setiap tahun. Tema sambutan MyStats Day adalah
“Data Berkualiti, Kehidupan Sejahtera.”

*The Government of Malaysia has declared National Statistics Day (MyStats Day) on 20th October each year. MyStats Day theme is
“Better Data, Better Lives.”*

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KATA PENGANTAR

Penerbitan ini memaparkan **Prestasi Perdagangan Borong & Runcit bagi bulan rujukan Ogos 2019** meliputi subsektor Kenderaan Bermotor, Perdagangan Borong dan Perdagangan Runcit. Ianya diterbitkan secara bulanan dan menggunakan klasifikasi industri yang terperinci berdasarkan Piawaian Klasifikasi Industri Malaysia (MSIC) 2008, Ver.1.0 yang selari dengan *International Standard Industrial Classification of All Economic Activities Revision 4*, yang diterbitkan oleh *United Nations Statistics Division*. Bagi indeks volum, ia telah disusun buat kali pertama dengan menggunakan tahun 2008 sebagai tahun asas (2008=100). Bermula suku tahun pertama 2014, ianya telah diasaskan semula kepada tahun 2010 dan seterusnya, pada suku tahun kedua 2019, ia telah menggunakan tahun asas 2015.

Penerbitan ini mengandungi ringkasan penemuan, jadual terperinci, nota teknikal dan glosari yang menerangkan istilah dan takrifnya bagi meningkatkan kefahaman berkenaan data.

Jabatan ingin merakamkan setinggi-tinggi penghargaan atas kerjasama semua pihak dalam membekalkan data yang diperlukan. Cadangan dan pandangan ke arah memperbaiki lagi penerbitan ini pada masa hadapan amatlah dihargai.

DATO' SRI DR. MOHD UZIR MAHIDIN

Ketua Perangkawan Malaysia

Oktober 2019

PREFACE

*This publication highlights the **Performance of Wholesale & Retail Trade for references August 2019** encompassing the Motor Vehicles, Wholesale Trade and Retail Trade sub-sectors. It is published on a monthly basis and uses the detailed classification of industries in the Malaysia Standard Industrial Classification (MSIC) 2008, Ver. 1.0 which is in line with the International Standard Industrial Classification of All Economic Activities Revision 4, published by the United Nations Statistics Division. This volume index was compiled for the first time using 2008 as the base year (2008=100). Beginning in first quarter 2014, it has been rebased to 2010 and subsequently, in second quarter 2019, 2015 as the base year has been implemented.*

This publication consists summary of the main findings, detailed tables, technical notes and glossary which describes the terms used and their definition to enhance the understanding of data.

The Department gratefully acknowledges the co-operation of all parties concerned in providing the required data. Comments and suggestions towards improving future reports are greatly appreciated.

DATO' SRI DR. MOHD UZIR MAHIDIN

Chief Statistician Malaysia

October 2019

KALENDAR AWALAN KELUARAN 2019
PERDAGANGAN BORONG & RUNCIT
ADVANCE RELEASE CALENDAR YEAR 2019
WHOLESALE & RETAIL TRADE

Bulan rujukan <i>Reference month</i>	Tarikh <i>Date</i>
Januari 2019 <i>January 2019</i>	14 Mac 2019 <i>14 March 2019</i>
Februari 2019 <i>February 2019</i>	11 April 2019 <i>11 April 2019</i>
Mac 2019 <i>March 2019</i>	13 Mei 2019 <i>13 May 2019</i>
April 2019 <i>April 2019</i>	11 Jun 2019 <i>11 June 2019</i>
Mei 2019 <i>May 2019</i>	12 Ogos 2019 <i>12 July 2019</i>
Jun 2019 <i>June 2019</i>	13 Ogos 2019 <i>13 August 2019</i>
Julai 2019 <i>July 2019</i>	11 September 2019 <i>11 September 2019</i>
Ogos 2019 <i>August 2019</i>	11 Oktober 2019 <i>11 October 2019</i>
September 2019 <i>September 2019</i>	12 November 2019 <i>12 November 2019</i>
Oktober 2019 <i>October 2019</i>	12 Disember 2019 <i>12 Disember 2019</i>

Nota.
Notes.

Merujuk kepada tarikh data disembarkan kepada media atau dalam penerbitan khusus.
Refers to the date of release of the data to the media or in the specific publication.

Tarikh siaran tertakluk kepada pindaan.
Release dates are subject to change.

SINGKATAN ABBREVIATIONS

b	Bilion
j	Juta
p	Permulaan
MoM	Bulan ke bulan
r	Pindaan
RM	Ringgit Malaysia
t.t.t.l	Tidak terkelas di tempat lain
YoY	Tahun ke Tahun
n.a	Tiada
SA	Pelarasan Bermusim

<i>b</i>	<i>Billion</i>
<i>m</i>	<i>Million</i>
<i>p</i>	<i>Preliminary</i>
<i>MoM</i>	<i>Month on month</i>
<i>r</i>	<i>Revision</i>
<i>n.e.c</i>	<i>Not elsewhere classified</i>
<i>YoY</i>	<i>Year on year</i>
<i>n.a</i>	<i>Not available</i>
<i>SA</i>	<i>Seasonal Adjusted</i>

Simbol
Symbols

&	dan/ <i>and</i>
/	atau/ <i>or</i>
%	Peratus/ <i>percentage</i>

Nota.
Notes.

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

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

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SEPINTAS LALU *SNAPSHOTS*

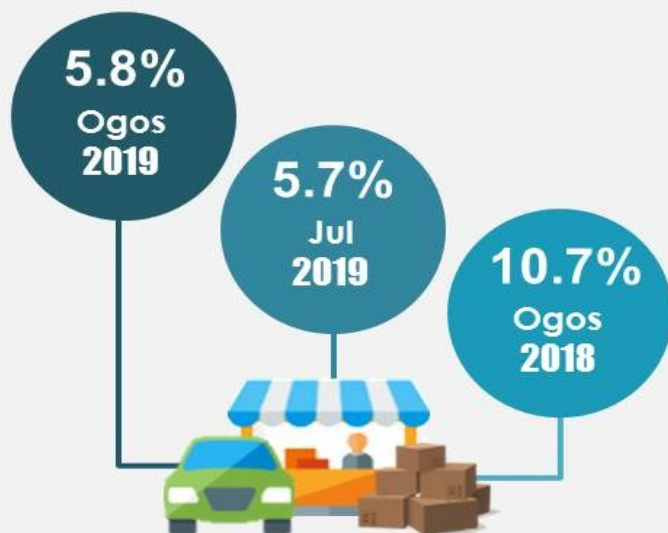
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NILAI JUALAN PERDAGANGAN BORONG & RUNCIT, OGOS 2019

Nilai jualan berjumlah RM114.2 bilion

Prestasi mengikut Subsektor



Perdagangan Borong

Ogos 2019: RM 54.1b ▲ 6.3%
Jul 2019 : RM52.4b ▲ 6.6%



Perdagangan Runcit

Ogos 2019: RM 46.4b ▲ 6.7%
Jul 2019 : RM46.5b ▲ 7.1%



Kenderaan Bermotor

Ogos 2019: RM 13.6b ▲ 1.1%
Jul 2019: RM13.6b ▼ -1.7%

Perubahan peratusan: Tahun ke Tahun

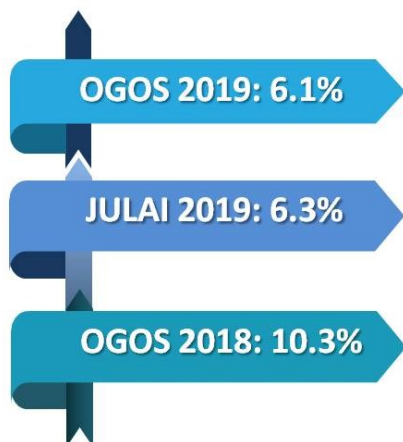
Sumber: Prestasi Perdagangan Borong & Runcit Ogos 2019, Jabatan Perangkaan Malaysia



INDEKS VOLUM PERDAGANGAN BORONG & RUNCIT, OGOS 2019

Indeks volum meningkat 6.1 peratus

01 Tahun ke Tahun



02 Bulan ke Bulan

1.4% Ogos 2019

1.1% Julai 2019

Indeks Volum Pelarasan Musim

03 Prestasi Mengikut Subsektor

Perdagangan Borong



Ogos 2019: ▲ 5.9%
Julai 2019: ▲ 5.8%

Perdagangan Runcit



Ogos 2019: ▲ 7.6%
Julai 2019: ▲ 8.4%

Kenderaan Bermotor



Ogos 2019: ▲ 1.5%
Julai 2019: ▲ 0.3%

Perubahan peratusan: Tahun ke Tahun

Sumber: Prestasi Perdagangan Borong & Runcit Ogos 2019, Jabatan Perangkaan Malaysia



SALES VALUE OF WHOLESALE & RETAIL TRADE, AUGUST 2019

Sales value stood at RM114.2 billion

Performance by Sub-sector

5.8%
August
2019

5.7%
July
2019

10.7%
August
2018



Wholesale Trade

Aug 2019: RM 54.1b

July 2019 : RM52.4b

▲ 6.3%

▲ 6.6%



Retail Trade

Aug 2019: RM 46.4b

July 2019: RM46.5b

▲ 6.7%

▲ 7.1%



Motor Vehicles

Aug 2019: RM 13.6b

July 2019: RM13.6b

▲ 1.1%

▼ -1.7%

Percentage change: Year on Year

Source: Performance of Wholesale & Retail Trade August 2019, Department of Statistics, Malaysia



VOLUME INDEX OF WHOLESALE & RETAIL TRADE, AUGUST 2019

Volume index rose 6.1 per cent

01

Year on Year

AUG 2019: 6.1%

JULY 2019: 6.3%

AUG 2018: 10.3%

02

Month on Month

1.4% August 2019

1.1% July 2019

Seasonally Adjusted
Volume Index

03

Performance by Sub-sector

Wholesale Trade



Aug 2019: ▲ 5.9%

July 2019: ▲ 5.8%

Retail Trade



Aug 2019: ▲ 7.6%

July 2019: ▲ 8.4%

Motor Vehicles



Aug 2019: ▲ 1.5%

July 2019: ▲ 0.3%

Percentage change: Year on Year

Source: Performance of Wholesale & Retail Trade August 2019, Department of Statistics, Malaysia

RINGKASAN PENEMUAN
SUMMARY OF FINDINGS

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NILAI JUALAN PERDAGANGAN BORONG & RUNCIT MEREKODKAN RM114.2 BILION BAGI OGOS 2019

Carta 1: Prestasi Nilai Jualan dan Indeks Volum Perdagangan Borong & Runcit, Ogos 2019

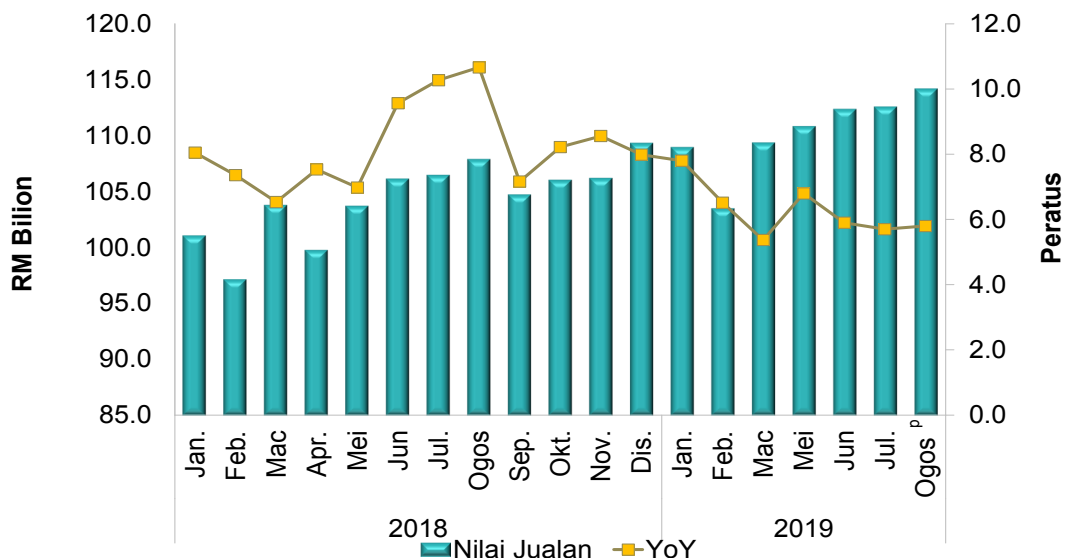
Subsektor	Nilai Jualan			Indeks Volum (2015=100)			
	RM Bilion	% Perubahan		Asal	% Perubahan	Pelarasan Musim (SA)	% Perubahan
	Ogos 2019	YoY	MoM	Ogos 2019	YoY	Ogos 2019	MoM (SA)
Perdagangan Borong & Runcit	114.2	5.8	1.4	133.5	6.1	134.5	1.4
 Perdagangan Borong	54.1	6.3	3.3	132.5	5.9	131.8	1.5
 Perdagangan Runcit	46.4	6.7	-0.2	142.6	7.6	145.7	0.6
 Kenderaan Bermotor	13.6	1.1	-0.1	111.4	1.5	108.1	-1.5

PRESTASI KESELURUHAN

1

Jualan Perdagangan Borong & Runcit

Sejumlah **RM114.2 billion** nilai jualan direkodkan oleh Perdagangan Borong & Runcit bagi bulan Ogos 2019, tumbuh **5.8 peratus** berbanding bulan yang sama tahun sebelumnya (**Carta 2**). Pertumbuhan ini disumbangkan oleh Perdagangan Borong yang merekodkan kenaikan **RM3.2 billion (+6.3%)** diikuti oleh Perdagangan Runcit dengan **RM2.9 billion (+6.7%)**. Kenderaan Bermotor juga meningkat sebanyak **RM0.1 billion (+1.1%)**.

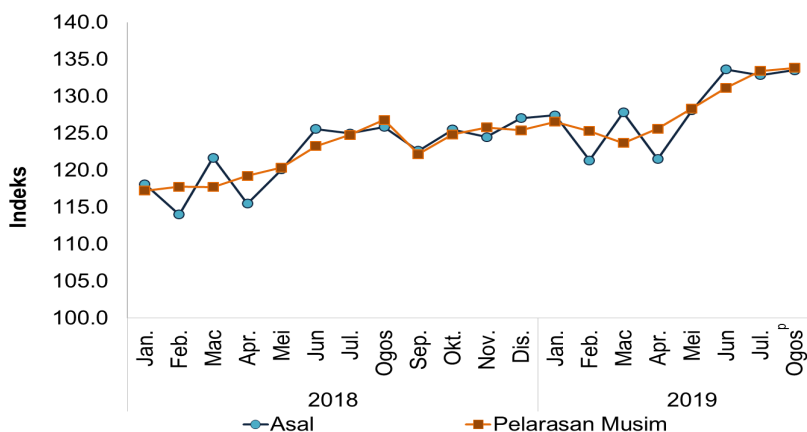


2

Indeks Volum Perdagangan Borong & Runcit

Indeks volum Perdagangan Borong & Runcit mencatatkan pertumbuhan **6.1 peratus** untuk mencapai **133.5 mata** berbanding bulan yang sama setahun lalu. Penyumbang utama pertumbuhan ini ialah Perdagangan Runcit dengan **7.6 peratus (Jadual 2)**. Sementara itu, indeks volum pelarasan musim meningkat **1.4 peratus** berbanding bulan sebelumnya.

Carta 3: Indeks Volum Perdagangan Borong & Runcit, Januari 2018 – Ogos 2019

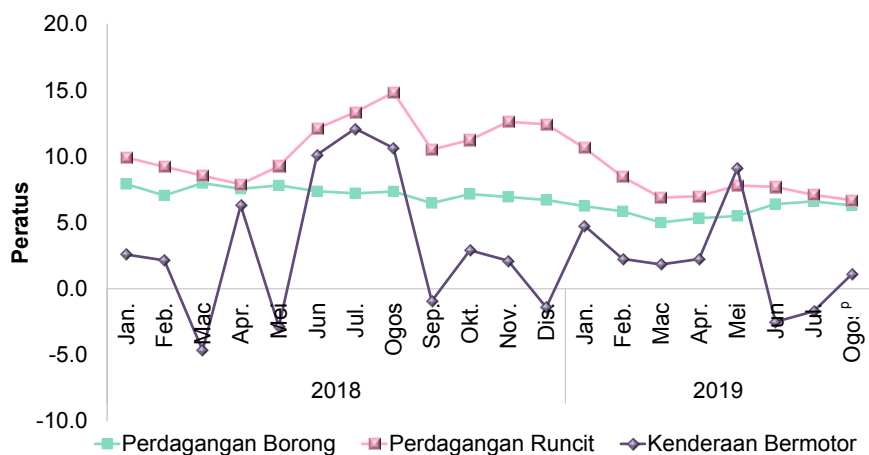


3

Jualan Perdagangan Borong & Runcit mengikut Subsektor

Bagi prestasi mengikut subsektor, **Carta 4** menunjukkan subsektor Perdagangan Runcit merupakan penyumbang utama dengan **6.7 peratus** pertumbuhan tahun ke tahun. Pada tempoh sama, Perdagangan Borong meningkat **6.3 peratus**. Kenderaan Bermotor turut meningkat **1.1 peratus**.

Carta 4: Kadar Pertumbuhan Tahunan Nilai Jualan Perdagangan Borong & Runcit mengikut Subsektor, Januari 2018 – Ogos 2019

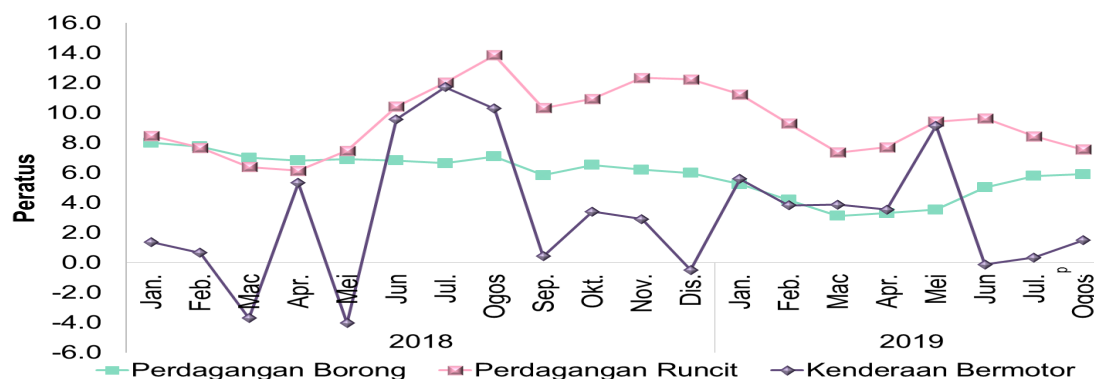


4

Indeks Volum Perdagangan Borong & Runcit mengikut Subsektor

Pertumbuhan **6.1 peratus** bagi indeks volum Perdagangan Borong & Runcit ini didorong oleh Perdagangan Runcit (**7.6%**) dan diikuti oleh Perdagangan Borong (**5.9%**). Kenderaan Bermotor pula menokok **1.5 peratus** pada tempoh yang sama (**Carta 5**).

Carta 5: Kadar Pertumbuhan Tahunan Indeks Volum Perdagangan Borong & Runcit mengikut Subsektor, Januari 2018 – Ogos 2019



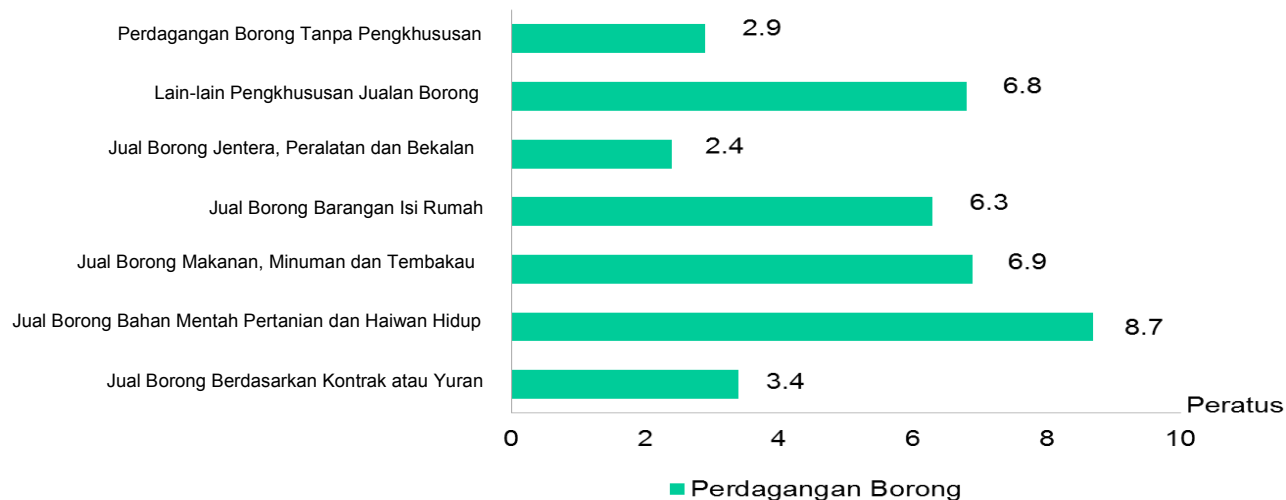
PERDAGANGAN BORONG

5

Jualan Perdagangan Borong

Perdagangan Borong menjana jualan sebanyak **RM54.1 bilion** pada Ogos 2019, meningkat **RM3.2 bilion (6.3%)** berbanding bulan yang sama tahun lalu. Peningkatan ini disokong oleh Jualan Borong Bahan Mentah Pertanian & Haiwan Hidup (**8.7%**), Jualan Borong Makanan, Minuman & Tembakau (**6.9%**) dan Lain-lain Pengkhususan Jualan Borong (**6.8%**). Bagi perbandingan antara bulan, jualan subsektor ini melonjak kepada **3.3 peratus** berbanding pertumbuhan negatif (**2.3%**) pada Julai 2019.

Carta 6: Kadar Pertumbuhan Tahunan Nilai Jualan Perdagangan Borong mengikut Kumpulan, Ogos 2019

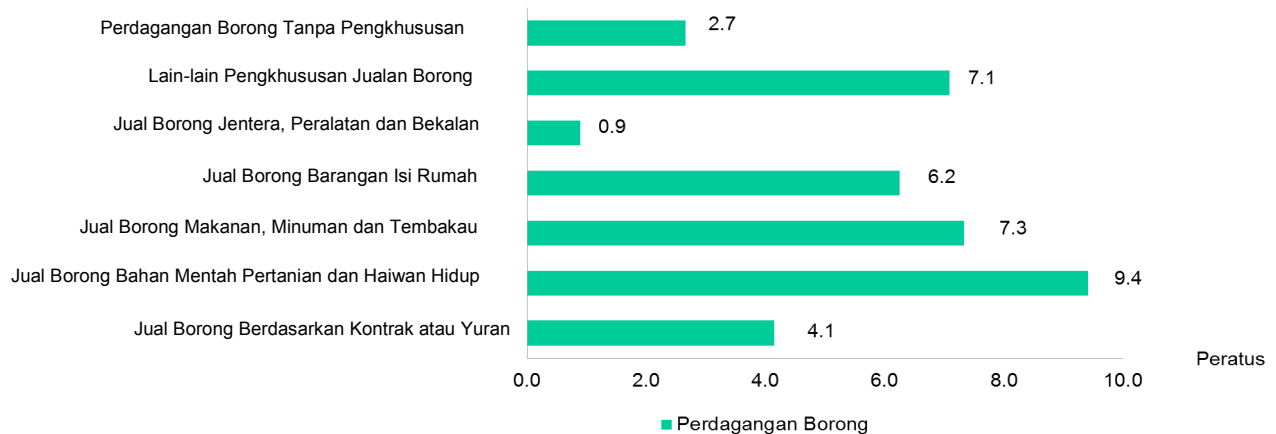


6

Indeks Volum Perdagangan Borong

Indeks volum Perdagangan Borong berkembang **5.9 peratus** kepada **132.5 mata** pada Ogos 2019 berbanding bulan yang sama tahun sebelumnya. **Carta 7** menunjukkan Jual Borong Bahan Mentah Pertanian & Haiwan Hidup mencatatkan pertumbuhan tertinggi iaitu **9.4 peratus**. Ini diikuti oleh Jualan Borong Makanan, Minuman & Tembakau (**7.3%**) dan Lain-lain Pengkhususan Jualan Borong (**7.1%**). Indeks volum pelarasan musim bagi subsektor ini meningkat **1.5 peratus** berbanding sebulan lalu.

Carta 7: Kadar Pertumbuhan Tahunan Indeks Volum Perdagangan Borong mengikut Kumpulan, Ogos 2019



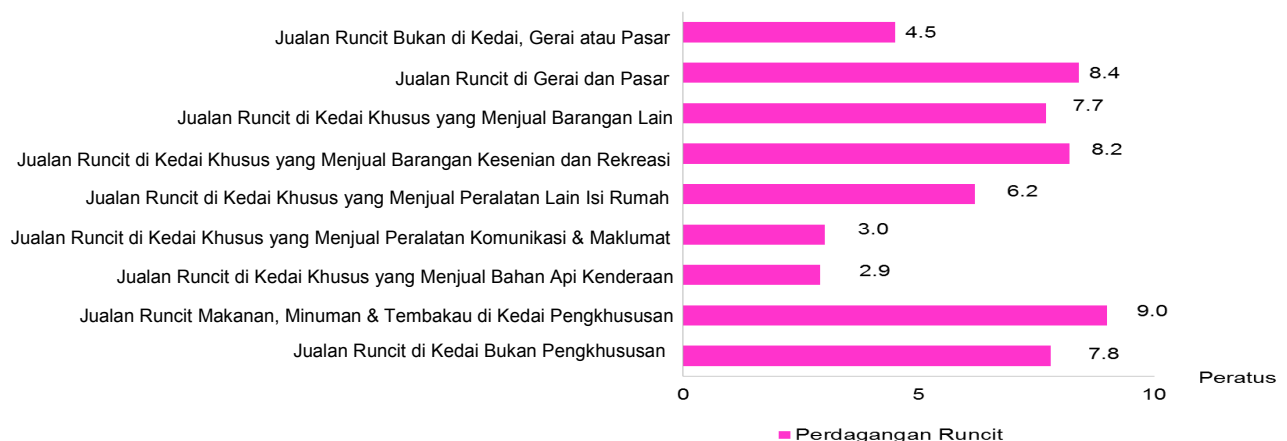
PERDAGANGAN RUNCIT

7

Jualan Perdagangan Runcit

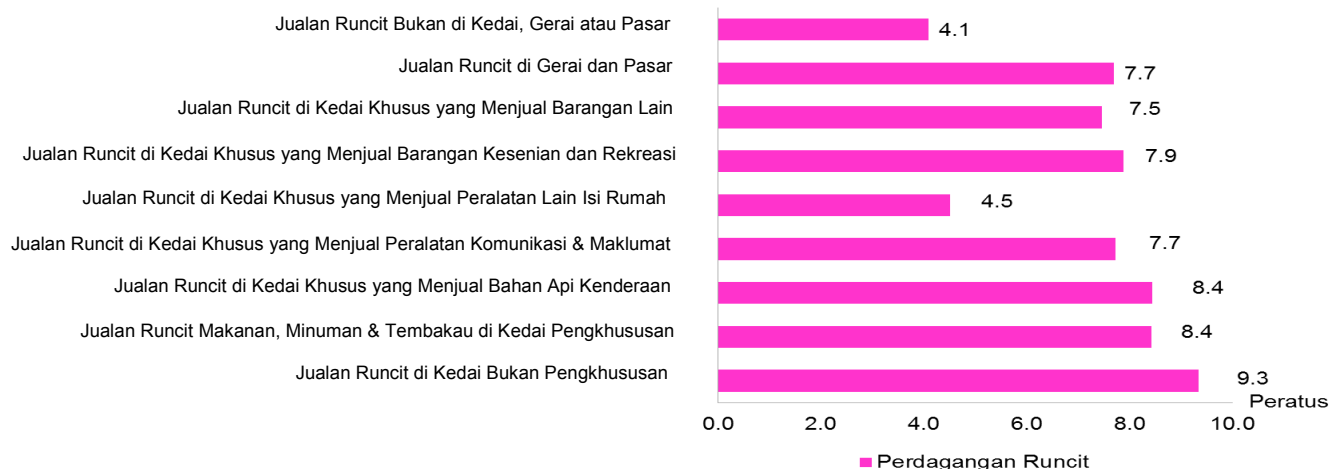
Jualan Perdagangan Runcit mencatatkan pertumbuhan tahunan **6.7 peratus** berbanding Ogos 2018. Pengukuhan ini dipacu oleh Jualan Runcit Makanan, Minuman & Tembakau di Kedai Pengkhususan (**9.0%**), Jualan Runcit di Gerai & Pasar (**8.4%**) dan Jualan Runcit di Kedai Khusus yang Menjual Barangan Kesenian & Rekreasi (**8.2%**) seperti ditunjukkan pada **Carta 8**.

Carta 8: Kadar Pertumbuhan Tahunan Nilai Jualan Perdagangan Runcit mengikut Kumpulan, Ogos 2019



Perdagangan Runcit meningkat **7.6 peratus** kepada **142.6 mata** pada Ogos 2019. Jualan Runcit di Kedai Bukan Pengkhususan merekodkan pertumbuhan **9.3 peratus**. Ini diikuti oleh Jualan Runcit Makanan, Minuman & Tembakau di Kedai Pengkhususan dan Jualan Runcit di Kedai Khusus yang Menjual Bahan Api Kenderaan yang masing-masing mencatat **8.4 peratus** seperti ditunjukkan dalam **Carta 9**. Bagi indeks volum pelarasan musim, ia meningkat **0.6 peratus** berbanding Julai 2019.

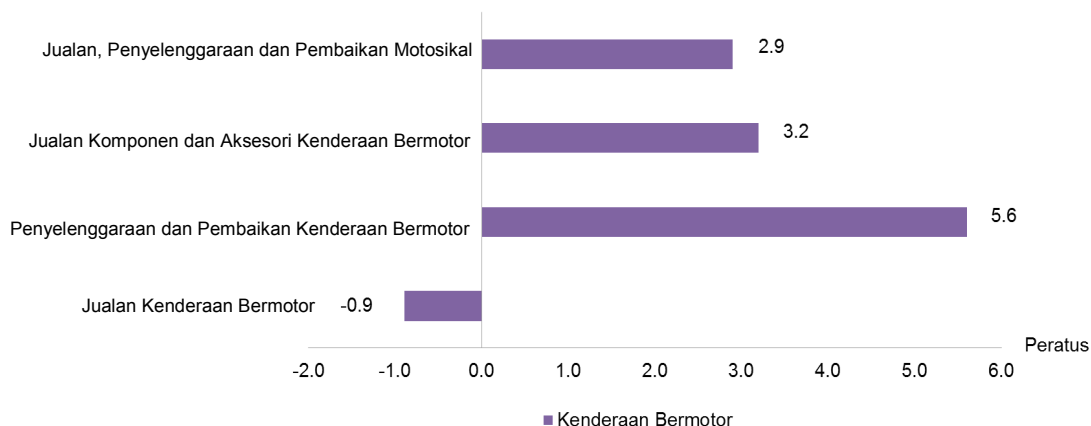
Carta 9: Kadar Pertumbuhan Tahunan Indeks Volum Perdagangan Runcit mengikut Kumpulan, Ogos 2019



KENDERAAN BERMOTOR

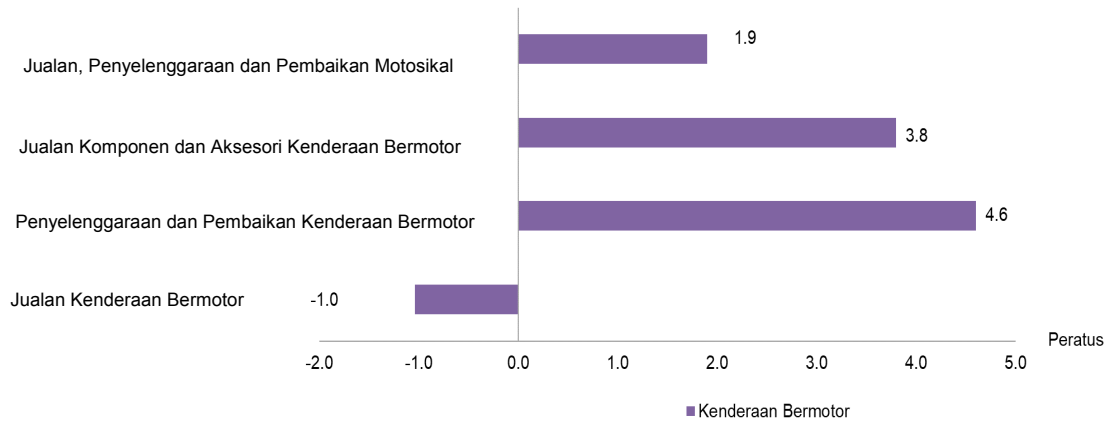
Nilai jualan Kenderaan Bermotor meningkat sederhana **1.1 peratus** berbanding tempoh sama setahun lalu. Ini disebabkan oleh kejatuhan dalam Jualan Kenderaan Bermotor sebanyak **0.9 peratus** (**Carta 10**). Berbanding sebulan lalu, nilai jualan menyusut **0.1 peratus**.

Carta 10: Kadar Pertumbuhan Tahunan Nilai Jualan Kenderaan Bermotor mengikut Kumpulan, Ogos 2019



Bagi indeks volum, ia meningkat **1.5 peratus** kepada **111.4 mata** berbanding setahun yang lalu. Peningkatan sederhana ini disebabkan oleh Jualan Kenderaan Bermotor yang menunjukkan penurunan **1.0 peratus** pada Ogos 2019 (**Carta 11**). Bagi perbandingan antara bulan, indeks volum pelarasan musim subsektor ini turun **1.5 peratus**.

Carta 11: Kadar Pertumbuhan Tahunan Indeks Volum Kenderaan Bermotor mengikut Kumpulan, Ogos 2019





SALES VALUE OF WHOLESALE & RETAIL TRADE RECORDED RM114.2 BILLION IN AUGUST 2019

Chart 1: Performance of Sales Value and Volume Index of Wholesale & Retail Trade, August 2019

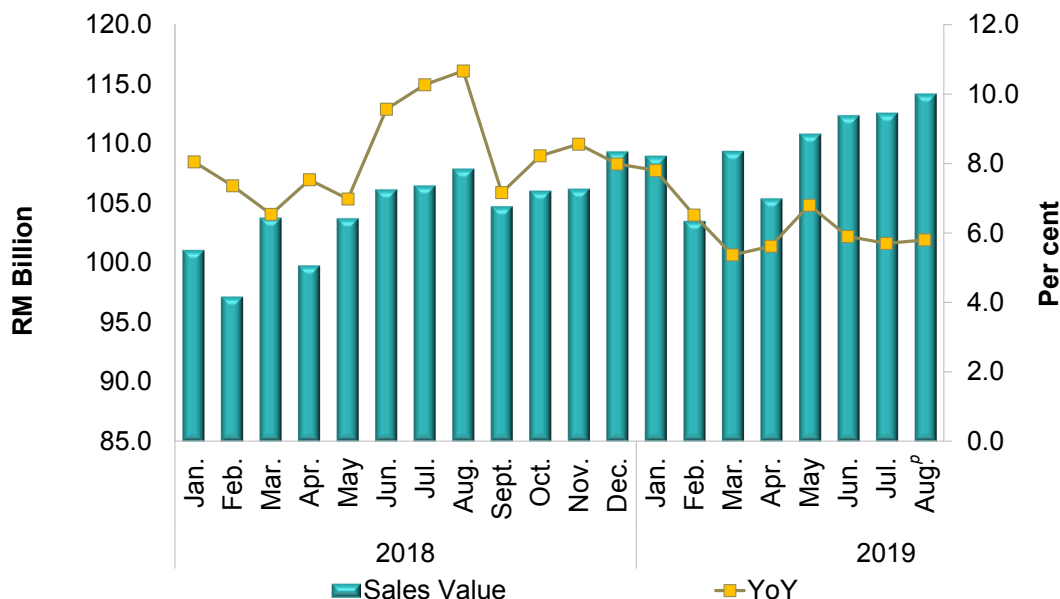
Sub-sectors	Sales Value			Volume Index (2015=100)			
	RM Billion	% Changes		Original	% Changes		Seasonally Adjusted (SA)
	August 2019	YoY	MoM	August 2019	YoY	August 2019	MoM(SA)
Wholesale & Retail Trade	114.2	5.8	1.4	133.5	6.1	134.5	1.4
Wholesale Trade	54.1	6.3	3.3	132.5	5.9	131.8	1.5
Retail Trade	46.4	6.7	-0.2	142.6	7.6	145.7	0.6
Motor Vehicles	13.6	1.1	-0.1	111.4	1.5	108.1	-1.5

OVERALL PERFORMANCE

1

Sales of Wholesale & Retail Trade

A total of **RM114.2 billion** was recorded by Sales of Wholesale and Retail Trade in August 2019, grew **5.8 per cent** as compared to the same month a year ago (**Chart 2**). The growth was attributed to Wholesale Trade which increased **RM3.2 billion (+6.3%)** followed by Retail Trade with **RM2.9 billion (+6.7%)**. Similarly, Motor Vehicles rose **RM0.1 billion (+1.1%)**.

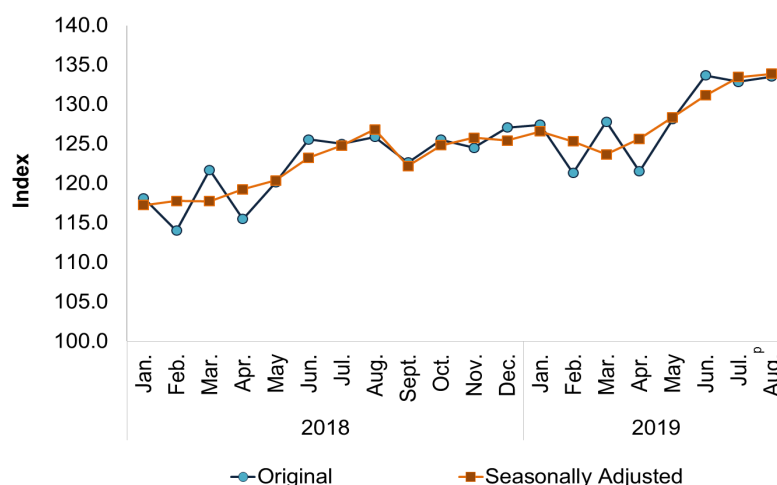


2

Volume Index for Wholesale & Retail Trade

Volume index of Wholesale & Retail Trade posted a growth of **6.1 per cent** to reach **133.5 points** as compared to the same month of the previous year. The key contributor for this growth was Retail Trade with **7.6 per cent** (Table 2). As for seasonally adjusted volume index, it increased **1.4 per cent** as against a month ago.

Chart 3: Volume Index of Wholesale & Retail Trade, January 2018 – August 2019

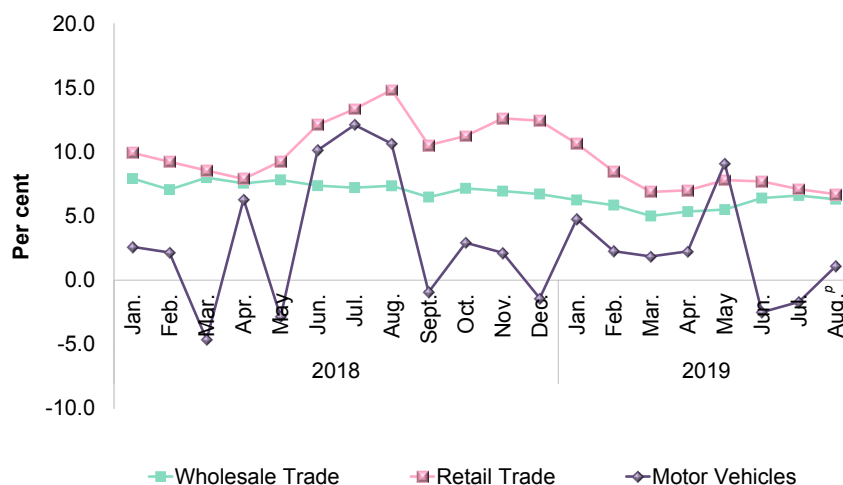


3

Sales of Wholesale & Retail Trade by Sub-sector

For performance across sub-sector, **Chart 4** portrays that Retail Trade sub-sector led the other sub-sectors with year on year growth of **6.7 per cent**. Within the same period, Wholesale Trade expanded **6.3 per cent**. Likewise, Motor Vehicles were up **1.1 per cent**.

Chart 4: Annual Growth Rate for Sales Value of Wholesale & Retail Trade by Sub-sector, January 2018 – August 2019

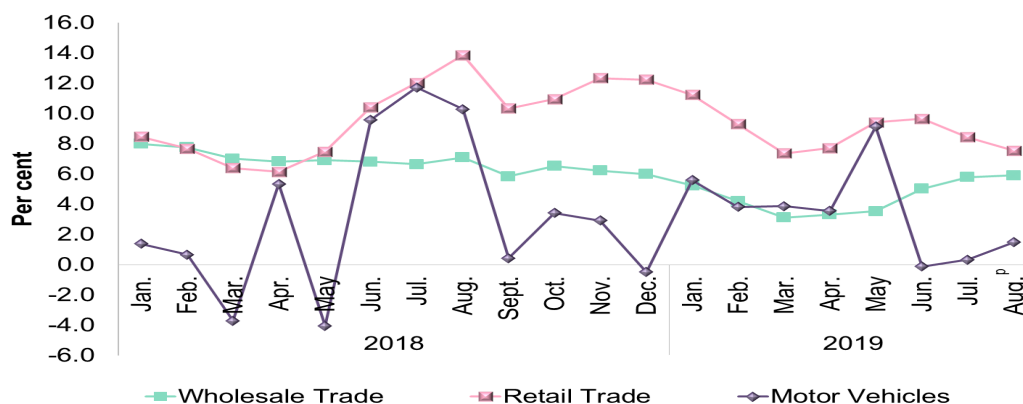


4

Volume Index of Wholesale & Retail Trade by Sub-sector

The growth of **6.1 per cent** in the volume index of Wholesale & Retail Trade was lifted by Retail Trade (7.6%) and followed by Wholesale Trade (5.9%). Motor Vehicles climbed up to **1.5 per cent** within the same period (**Chart 5**).

Chart 5: Annual Growth Rate for Volume Index of Wholesale & Retail Trade by Sub-sector, January 2018 – August 2019



WHOLESALE TRADE

5

Sales of Wholesale Trade

Wholesale Trade gained sales value of **RM54.1 billion** in August 2019, increased **RM3.2 billion (6.3%)** as against the corresponding month of the previous year. The expansion was supported by Wholesale of Agricultural Raw Materials & Live Animals (8.7%), Wholesale of Food, Beverages & Tobacco (6.9%) and Other Specialised Wholesale (6.8%). For monthly comparison, sales of this sub-sector jumped to **3.3 per cent** from a negative growth of **2.3 per cent** in July 2019.

Chart 6: Annual Growth Rate for Sales Value of Wholesale Trade by Group, August 2019



6

Volume Index of Wholesale Trade

Volume index of Wholesale Trade expanded **5.9 per cent** to **132.5 points** in August 2019 as compared to the same month of the preceding year. **Chart 7** shows that Wholesale of Agricultural Raw Materials & Live Animals recorded the highest growth of **9.4 per cent**. This was followed by Wholesale of Food, Beverages & Tobacco (7.3%) and Other Specialised Wholesale (7.1%). Seasonally adjusted volume index of this sub-sector rose **1.5 per cent** as against a month ago.

Chart 7: Annual Growth Rate for Volume Index of Wholesale Trade by Group, August 2019



RETAIL TRADE

7

Sales of Retail Trade

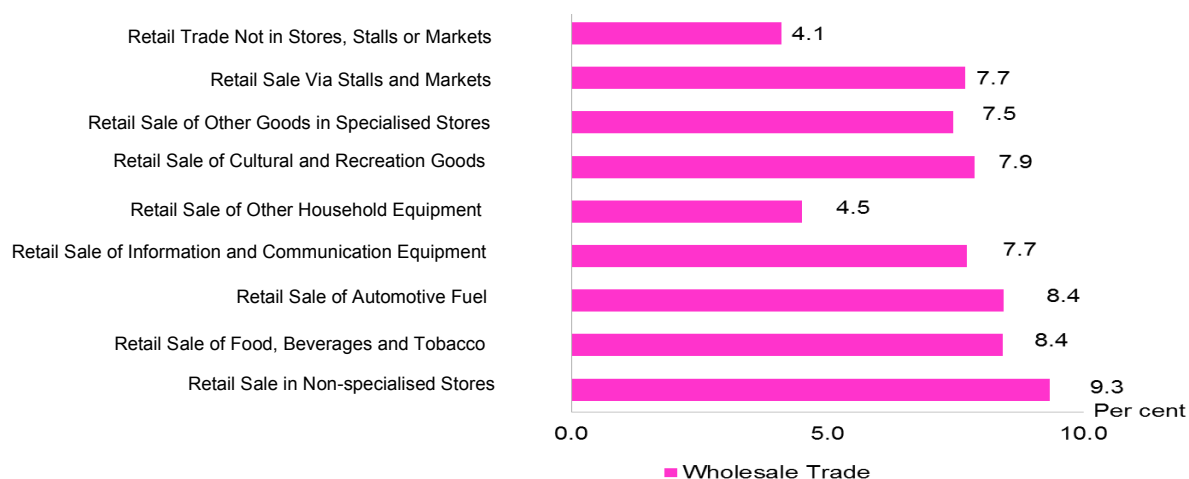
Sales of Retail Trade registered an annual growth of **6.7 per cent** as compared to August 2018. The expansion was driven by Retail Sale of Food, Beverages & Tobacco in Specialised Stores (9.0%), Retail Sale Via Stalls & Markets (8.4%), and Retail Sale of Cultural & Recreation Goods in Specialised Stores (8.2%) as shown in **Chart 8**.

Chart 8: Annual Growth Rate for Sales Value of Retail Trade by Group, August 2019



Retail Trade rose **7.6 per cent** to **142.6 points** in August 2019. Retail Sale in Non-Specialised Stores posted a growth of **9.3 per cent**. This was followed by Retail Sale of Food, Beverages & Tobacco in Specialised Stores and Retail Sale of Automotive Fuel in Specialised Stores which registered **8.4 per cent** respectively as presented in **Chart 9**. As for seasonally adjusted volume index, it edged up **0.6 per cent** as against July 2019.

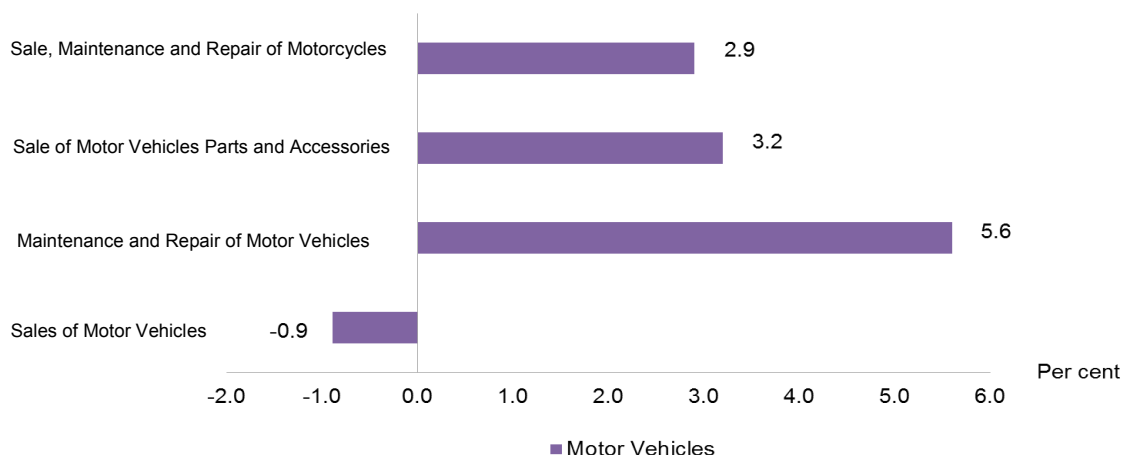
Chart 9: Annual Growth Rate for Volume Index of Retail Trade by Group, August 2019



MOTOR VEHICLES

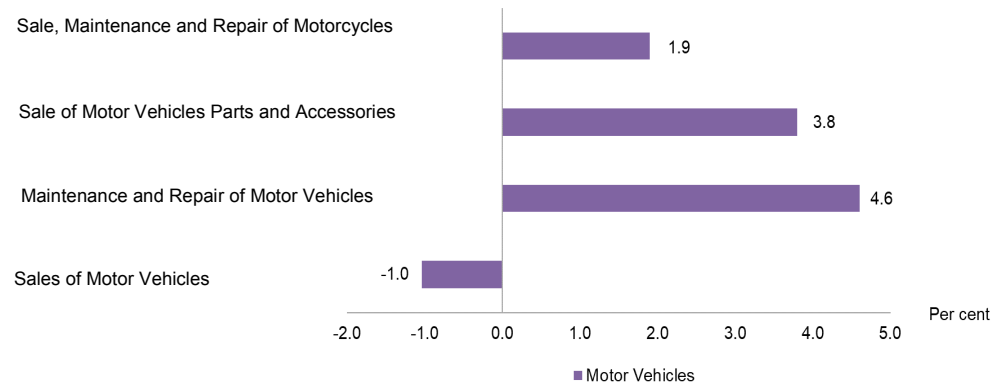
Sales value of Motor Vehicles rose marginally to **1.1 per cent** as against the corresponding period of the previous year. This was due to the drop in Sales of Motor Vehicles of **0.9 per cent** (**Chart 10**). Compared to a month ago, sales value contracted **0.1 per cent**.

Chart 10: Annual Growth Rate for Sales Value of Motor Vehicles by Group, August 2019



As for volume index, it increased **1.5 per cent** to **111.4 points** compared to a year ago. The marginal increment was off set by Sales of Motor Vehicles which declined to **1.0 per cent** in August 2019 (**Chart 11**). For monthly comparison, seasonally adjusted volume index decreased **1.5 per cent**.

Chart 11: Annual Growth Rate for Volume Index of Motor Vehicles by Group, August 2019



SENARAI JADUAL
LIST OF TABLES

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NILAI JUALAN PERDAGANGAN BORONG & RUNCIT MENGIKUT SUBSEKTOR
SALES VALUE OF WHOLESALE & RETAIL TRADE BY SUB-SECTOR

Tahun/ Bulan Year/ Month		Jumlah Total	Perdagangan Borong Wholesale Trade	Perdagangan Runcit Retail Trade	Kenderaan Bermotor Motor Vehicles
Jualan / Sales (RM Juta/ million)					
2018	Jan.	101,059	49,750	39,655	11,655
	Feb.	97,152	47,386	39,223	10,544
	Mac	103,777	50,675	40,825	12,278
	Apr.	99,770	48,575	39,129	12,066
	Mei	103,705	50,537	40,860	12,308
	Jun	106,131	50,406	42,706	13,019
	Jul.	106,451	49,163	43,427	13,861
	Ogos	107,866	50,920	43,478	13,467
	Sep.	104,717	52,382	41,171	11,164
	Okt.	106,018	51,889	41,997	12,132
	Nov.	106,190	51,045	42,858	12,287
	Dis.	109,309	52,746	44,666	11,898
2019	Jan.	108,944	52,858	43,875	12,211
	Feb.	103,482	50,157	42,543	10,782
	Mac	109,438	53,210	43,634	12,594
	Apr.	105,373	51,169	41,867	12,337
	Mei	110,797	53,306	44,066	13,425
	Jun	112,341	53,640	46,000	12,700
	Jul.	112,540	52,400	46,512	13,628
	Ogos ^P	114,157	54,135	46,403	13,619
% Perubahan / % Changes (YoY)					
2018	Jan.	8.0	7.9	9.9	2.6
	Feb.	7.4	7.1	9.2	2.2
	Mac	6.5	8.0	8.6	-4.6
	Apr.	7.5	7.6	7.9	6.3
	Mei	7.0	7.8	9.3	-2.9
	Jun	9.6	7.4	12.1	10.1
	Jul.	10.3	7.2	13.3	12.1
	Ogos	10.7	7.4	14.8	10.6
	Sep.	7.2	6.5	10.5	-0.9
	Okt.	8.2	7.2	11.2	2.9
	Nov.	8.6	6.9	12.6	2.1
	Dis.	8.0	6.7	12.4	-1.4
2019	Jan.	7.8	6.2	10.6	4.8
	Feb.	6.5	5.8	8.5	2.3
	Mac	5.5	5.0	6.9	1.8
	Apr.	5.6	5.3	7.0	2.2
	Mei	6.8	5.5	7.8	9.1
	Jun	5.9	6.4	7.7	-2.5
	Jul.	5.7	6.6	7.1	-1.7
	Ogos ^P	5.8	6.3	6.7	1.1
% Perubahan / % Changes (MoM)					
2018	Jan.	-0.2	0.6	-0.2	-3.4
	Feb.	-3.9	-4.8	-1.1	-9.5
	Mac	6.8	6.9	4.1	16.4
	Apr.	-3.9	-4.1	-4.2	-1.7
	Mei	3.9	4.0	4.4	2.0
	Jun	2.3	-0.3	4.5	5.8
	Jul.	0.3	-2.5	1.7	6.5
	Ogos	1.3	3.6	0.1	-2.8
	Sep.	-2.9	2.9	-5.3	-17.1
	Okt.	1.2	-0.9	2.0	8.7
	Nov.	0.2	-1.6	2.1	1.3
	Dis.	2.9	3.3	4.2	-3.2
2019	Jan.	-0.3	0.2	-1.8	2.6
	Feb.	-5.0	-5.1	-3.0	-11.7
	Mac	5.8	6.1	2.6	16.0
	Apr.	-3.7	-3.8	-4.0	-2.0
	Mei	5.1	4.2	5.3	8.8
	Jun	1.4	0.6	4.4	-5.4
	Jul.	0.2	-2.3	1.1	7.3
	Ogos ^P	1.4	3.3	-0.2	-0.1

**INDEKS VOLUM PERDAGANGAN BORONG & RUNCIT TIDAK DISELARASKAN MUSIM MENGIKUT
SUBSEKTOR (2015=100)**
**NON-SEASONALLY ADJUSTED VOLUME INDEX OF WHOLESALE & RETAIL TRADE BY SUB-SECTOR
(2015=100)**

Tahun/ Bulan Year/ Month		Jumlah Total	Perdagangan Borong Wholesale Trade	Perdagangan Runcit Retail Trade	Kenderaan Bermotor Motor Vehicles
Wajaran / Weight		100.0	44.9	40.9	14.2
2018	Jan.	118.1	119.0	124.4	98.0
	Feb.	114.0	114.2	121.6	92.3
	Mac	121.7	123.1	127.7	100.5
	Apr.	115.5	118.1	119.8	95.7
	Mei	120.1	124.9	122.3	99.8
	Jun	125.6	123.6	133.8	109.0
	Jul.	125.0	119.6	135.1	114.1
	Ogos	125.9	125.1	132.6	109.8
	Sep.	122.6	129.5	125.5	93.3
	Okt.	125.5	128.9	130.8	100.4
	Nov.	124.5	123.3	133.9	101.9
	Dis.	127.1	124.6	139.9	98.4
2019	Jan.	127.4	125.3	138.3	103.4
	Feb.	121.3	119.0	132.9	95.8
	Mac	127.8	127.0	137.1	104.4
	Apr.	121.5	122.0	129.0	99.1
	Mei	128.1	129.3	133.8	108.9
	Jun	133.7	129.8	146.7	108.8
	Jul.	132.9	126.5	146.5	114.5
	Ogos ^p	133.5	132.5	142.6	111.4
% Perubahan / % Changes (YoY)					
2018	Jan.	7.4	8.0	8.5	1.4
	Feb.	6.9	7.8	7.7	0.7
	Mac	5.4	7.0	6.4	-3.7
	Apr.	6.4	6.8	6.1	5.3
	Mei	5.8	6.9	7.5	-4.0
	Jun	8.7	6.8	10.4	9.6
	Jul.	9.6	6.6	12.0	11.7
	Ogos	10.3	7.1	13.9	10.3
	Sep.	7.1	5.8	10.3	0.4
	Okt.	8.0	6.5	10.9	3.4
	Nov.	8.4	6.2	12.3	2.9
	Dis.	8.0	6.0	12.2	-0.5
2019	Jan.	7.9	5.2	11.2	5.6
	Feb.	6.4	4.2	9.3	3.8
	Mac	5.0	3.1	7.4	3.9
	Apr.	5.2	3.3	7.7	3.5
	Mei	6.7	3.5	9.4	9.1
	Jun	6.4	5.0	9.6	-0.1
	Jul.	6.3	5.8	8.4	0.3
	Ogos ^p	6.1	5.9	7.6	1.5
% Perubahan / % Changes (MoM)					
2018	Jan.	0.4	1.3	-0.2	-1.0
	Feb.	-3.5	-4.1	-2.2	-5.8
	Mac	6.7	7.8	5.0	8.9
	Apr.	-5.1	-4.1	-6.2	-4.8
	Mei	4.0	5.7	2.1	4.3
	Jun	4.5	-1.0	9.4	9.2
	Jul.	-0.5	-3.2	0.9	4.7
	Ogos	0.7	4.6	-1.8	-3.8
	Sep.	-2.6	3.5	-5.4	-15.0
	Okt.	2.4	-0.4	4.2	7.7
	Nov.	-0.8	-4.4	2.4	1.5
	Dis.	2.1	1.0	4.5	-3.4
2019	Jan.	0.3	0.5	-1.1	5.1
	Feb.	-4.8	-5.0	-3.9	-7.4
	Mac	5.4	6.7	3.2	8.9
	Apr.	-4.9	-3.9	-5.9	-5.1
	Mei	5.4	6.0	3.7	9.9
	Jun	4.3	0.4	9.6	-0.05
	Jul.	-0.6	-2.5	-0.2	5.2
	Ogos ^p	0.5	4.7	-2.6	-2.7

**INDEKS VOLUM PERDAGANGAN BORONG & RUNCIT PELARASAN MUSIM MENGIKUT SUBSEKTOR
(2015=100)**
SEASONALLY ADJUSTED VOLUME INDEX OF WHOLESALE & RETAIL TRADE BY SUB-SECTOR

Tahun/ Bulan Year/ Month		Jumlah Total	Perdagangan Borong Wholesale Trade	Perdagangan Runcit Retail Trade	Kenderaan Bermotor Motor Vehicles
Wajaran / Weight		100.0	44.9	40.9	14.2
2018	Jan.	117.2	119.1	121.4	99.4
	Feb.	117.8	119.6	121.9	100.0
	Mac	117.8	120.2	122.6	95.5
	Apr.	119.3	120.9	123.6	102.0
	Mei	120.4	121.9	126.3	100.4
	Jun	123.3	122.4	131.3	104.8
	Jul.	124.8	122.7	133.7	109.5
	Ogos	126.8	124.5	135.6	106.6
	Sep.	122.2	125.9	128.9	94.1
	Okt.	124.8	125.6	132.7	101.0
	Nov.	125.8	125.6	134.4	101.5
	Dis.	125.4	125.2	135.1	97.4
2019	Jan.	126.6	125.5	135.2	105.1
	Feb.	125.3	124.7	133.3	103.9
	Mac	123.7	123.9	131.6	99.1
	Apr.	125.6	125.0	133.3	105.9
	Mei	128.4	126.1	138.1	109.5
	Jun	131.1	128.6	143.8	104.8
	Jul.	132.6	129.9	144.9	109.8
	Ogos ^p	134.5	131.8	145.7	108.1
% Perubahan / % Changes (MoM)					
2018	Jan.	0.9	0.9	0.9	1.4
	Feb.	0.4	0.4	0.3	0.6
	Mac	0.0	0.5	0.6	-4.5
	Apr.	1.3	0.6	0.8	6.8
	Mei	0.9	0.8	2.1	-1.6
	Jun	2.4	0.4	4.0	4.4
	Jul.	1.2	0.3	1.8	4.4
	Ogos	1.6	1.5	1.4	-2.6
	Sep.	-3.7	1.1	-4.9	-11.7
	Okt.	2.2	-0.2	2.9	7.4
	Nov.	0.8	0.0	1.3	0.5
	Dis.	-0.3	-0.3	0.5	-4.1
2019	Jan.	0.9	0.2	0.0	7.9
	Feb.	-1.0	-0.6	-1.4	-1.1
	Mac	-1.3	-0.6	-1.3	-4.6
	Apr.	1.6	0.9	1.3	6.9
	Mei	2.2	0.9	3.6	3.4
	Jun	2.2	1.9	4.1	-4.3
	Jul.	1.1	1.1	0.8	4.8
	Ogos ^p	1.4	1.5	0.6	-1.5

NILAI JUALAN PERDAGANGAN BORONG MENGIKUT KUMPULAN
SALES VALUE OF WHOLESALE TRADE BY GROUP

SALES VALUE OF WHOLESALE TRADE BY GROUP					
Tahun/ Bulan		Jumlah	Jual Borong Berdasarkan Kontrak atau Yuran	Jualan Borong Bahan Mentah Pertanian dan Haiwan Hidup	Jualan Borong Makanan, Minuman dan Tembakau
Year/ Month		Total	Wholesale on a Fee or Contract Basis	Wholesale of Agricultural Raw Materials and Live Animals	Wholesale of Food, Beverages and Tobacco
Kod/ Code		46	461	462	463
Jualan / Sales (RM Juta/ million)					
2018	Jan.	49,750	904	4,454	9,099
	Feb.	47,386	926	4,153	8,568
	Mac	50,675	916	4,290	8,806
	Apr.	48,575	909	4,083	8,699
	Mei	50,537	966	3,999	9,007
	Jun	50,406	985	3,861	9,477
	Jul.	49,163	999	3,909	9,283
	Ogos	50,920	1,020	4,038	9,376
	Sep.	52,382	953	4,282	9,392
	Okt.	51,889	955	4,227	9,285
	Nov.	51,045	983	4,111	9,274
	Dis.	52,746	990	4,192	9,507
2019	Jan.	52,858	952	4,593	9,668
	Feb.	50,157	967	4,373	9,090
	Mac	53,210	951	4,410	9,162
	Apr.	51,169	959	4,189	9,188
	Mei.	53,306	1,000	4,222	9,730
	Jun	53,640	1,010	4,181	10,116
	Jul.	52,400	1,039	4,261	9,952
	Ogos ^p	54,135	1,055	4,389	10,022
% Perubahan / % Changes (YoY)					
2018	Jan.	7.9	9.0	9.0	7.0
	Feb.	7.1	10.2	6.3	6.5
	Mac	8.0	0.3	9.9	7.8
	Apr.	7.6	9.4	5.3	9.5
	Mei	7.8	7.4	0.4	9.2
	Jun	7.4	7.6	-0.9	9.4
	Jul.	7.2	7.8	-2.4	11.3
	Ogos	7.4	6.8	-0.5	10.3
	Sep.	6.5	5.0	-3.7	7.9
	Okt.	7.2	8.4	-4.2	7.2
	Nov.	6.9	5.6	-4.9	7.6
	Dis.	6.7	7.6	-4.6	8.0
2019	Jan.	6.2	5.3	3.1	6.3
	Feb.	5.8	4.4	5.3	6.1
	Mac	5.0	3.8	2.8	4.0
	Apr.	5.3	5.6	2.6	5.6
	Mei.	5.5	3.5	5.6	8.0
	Jun	6.4	2.5	8.3	6.7
	Jul.	6.6	4.0	9.0	7.2
	Ogos ^p	6.3	3.4	8.7	6.9
% Perubahan / % Changes (MoM)					
2018	Jan.	0.6	-1.8	1.4	3.4
	Feb.	-4.8	2.4	-6.8	-5.8
	Mac	6.9	-1.0	3.3	2.8
	Apr.	-4.1	-0.8	-4.8	-1.2
	Mei	4.0	6.3	-2.1	3.5
	Jun	-0.3	2.0	-3.5	5.2
	Jul.	-2.5	1.4	1.2	-2.0
	Ogos	3.6	2.1	3.3	1.0
	Sep.	2.9	-6.6	6.1	0.2
	Okt.	-0.9	0.1	-1.3	-1.1
	Nov.	-1.6	3.0	-2.7	-0.1
	Dis.	3.3	0.7	2.0	2.5
2019	Jan.	0.2	-3.9	9.6	1.7
	Feb.	-5.1	1.6	-4.8	-6.0
	Mac	6.1	-1.6	0.8	0.8
	Apr.	-3.8	0.8	-5.0	0.3
	Mei.	4.2	4.2	0.8	5.9
	Jun	0.6	1.0	-1.0	4.0
	Jul.	-2.3	2.9	1.9	-1.6
	Ogos ^p	3.3	1.5	3.0	0.7

NILAI JUALAN PERDAGANGAN BORONG MENGIKUT KUMPULAN (SAMB.)
SALES VALUE OF WHOLESALE TRADE BY GROUP (CONT.)

Tahun/ Bulan	Jualan Borong Barangan Isi Rumah	Jualan Borong Jentera, Peralatan dan Bekalan	Lain-lain Pengkhususan Jual Borong	Perdagangan Borong Tanpa Pengkhususan
Year/ Month	Wholesale of Household Goods	Wholesale of Machinery, Equipment and Supplies	Other Specialised Wholesale	Non-specialized Wholesale Trade
Kod/ Code	464	465	466	469
Jualan / Sales (RM Juta/ million)				
2018	Jan.	9,672	4,448	19,809
	Feb.	9,019	4,167	19,251
	Mac	9,595	4,362	21,399
	Apr.	9,239	4,441	19,918
	Mei	9,782	4,514	20,873
	Jun	9,858	4,335	20,534
	Jul.	9,375	4,357	19,872
	Ogos	9,824	4,449	20,853
	Sep.	10,167	4,413	21,725
	Okt.	10,187	4,447	21,390
	Nov.	9,909	4,316	21,042
	Dis.	10,150	4,515	22,027
2019	Jan.	10,412	4,548	21,246
	Feb.	9,558	4,242	20,579
	Mac	10,132	4,432	22,749
	Apr.	9,729	4,534	21,239
	Mei.	10,427	4,626	21,887
	Jun	10,490	4,413	22,054
	Jul.	10,000	4,474	21,263
	Ogos ^p	10,443	4,554	22,271
% Perubahan / % Changes (YoY)				
2018	Jan.	7.8	6.1	9.0
	Feb.	5.5	5.4	8.6
	Mac	7.2	7.3	8.9
	Apr.	8.1	6.2	7.5
	Mei	7.9	5.9	9.3
	Jun	8.7	4.3	8.3
	Jul.	7.2	3.0	8.5
	Ogos	8.7	4.2	7.9
	Sep.	9.8	-0.9	8.3
	Okt.	10.5	1.6	9.2
	Nov.	7.3	2.3	10.2
	Dis.	7.5	2.9	9.0
2019	Jan.	7.6	2.3	7.3
	Feb.	6.0	1.8	6.9
	Mac	5.6	1.6	6.3
	Apr.	5.3	2.1	6.6
	Mei.	6.6	2.5	4.9
	Jun	6.4	1.8	7.4
	Jul.	6.7	2.7	7.0
	Ogos ^p	6.3	2.4	6.8
% Perubahan / % Changes (MoM)				
2018	Jan.	2.4	1.3	-2.0
	Feb.	-6.8	-6.3	-2.8
	Mac	6.4	4.7	11.2
	Apr.	-3.7	1.8	-6.9
	Mei	5.9	1.6	4.8
	Jun	0.8	-4.0	-1.6
	Jul.	-4.9	0.5	-3.2
	Ogos	4.8	2.1	4.9
	Sep.	3.5	-0.8	4.2
	Okt.	0.2	0.8	-1.5
	Nov.	-2.7	-2.9	-1.6
	Dis.	2.4	4.6	4.7
2019	Jan.	2.6	0.7	-3.5
	Feb.	-8.2	-6.7	-3.1
	Mac	6.0	4.5	10.5
	Apr.	-4.0	2.3	-6.6
	Mei.	7.2	2.0	3.1
	Jun	0.6	-4.6	0.8
	Jul.	-4.7	1.4	-3.6
	Ogos ^p	4.4	1.8	4.7

INDEKS VOLUM PERDAGANGAN BORONG TIDAK DISELARASKAN MUSIM MENGIKUT KUMPULAN (2015=100)
NON-SEASONALLY ADJUSTED VOLUME INDEX OF WHOLESALE TRADE BY GROUP (2015=100)

Tahun/ Bulan		Jumlah	Jual Borong Berdasarkan Kontrak atau Yuran	Jualan Borong Bahan Mentah Pertanian dan Haiwan Hidup	Jualan Borong Makanan, Minuman dan Tembakau
Year/ Month		Total	Wholesale on a Fee or Contract Basis	Wholesale of Agricultural Raw Materials and Live Animals	Wholesale of Food, Beverages and Tobacco
Kod/ Code		46	461	462	463
Wajaran/ Weighted		100.0	2.2	9.3	17.0
2018	Jan.	119.0	98.6	102.7	115.4
	Feb.	114.2	108.1	110.5	113.4
	Mac	123.1	107.9	124.3	116.6
	Apr.	118.1	114.1	111.8	115.0
	Mei	124.9	120.7	107.0	118.9
	Jun	123.6	115.5	106.8	126.0
	Jul.	119.6	114.9	111.0	121.8
	Ogos	125.1	132.1	111.6	124.7
	Sep.	129.5	110.1	118.5	125.3
	Okt.	128.9	107.7	120.7	123.2
	Nov.	123.3	115.7	111.4	122.8
	Dis.	124.6	114.4	109.1	122.5
2019	Jan.	125.3	101.9	117.3	124.3
	Feb.	119.0	110.4	122.5	121.5
	Mac	127.0	109.3	130.7	123.6
	Apr.	122.0	116.7	117.6	123.9
	Mei	129.3	123.1	113.8	129.4
	Jun	129.8	117.6	117.7	136.3
	Jul.	126.5	119.7	123.0	131.8
	Ogos ^p	132.5	137.5	122.1	133.8
% Perubahan / % Changes (YoY)					
2018	Jan.	8.0	5.2	12.1	7.1
	Feb.	7.8	8.7	9.7	7.8
	Mac	7.0	-0.7	13.8	6.2
	Apr.	6.8	7.5	8.2	8.4
	Mei	6.9	5.7	3.8	8.4
	Jun	6.8	5.8	3.6	9.2
	Jul.	6.6	6.0	2.8	11.1
	Ogos	7.1	5.2	4.4	10.5
	Sep.	5.8	2.8	4.9	9.2
	Okt.	6.5	5.8	4.7	8.3
	Nov.	6.2	3.8	4.6	8.7
	Dis.	6.0	6.1	5.3	9.4
2019	Jan.	5.2	3.3	14.2	7.7
	Feb.	4.2	2.1	10.9	7.2
	Mac	3.1	1.3	5.2	6.0
	Apr.	3.3	2.3	5.1	7.8
	Mei	3.5	2.0	6.4	8.9
	Jun	5.0	1.8	10.1	8.2
	Jul.	5.8	4.2	10.8	8.3
	Ogos ^p	5.9	4.1	9.4	7.3
% Perubahan / % Changes (MoM)					
2018	Jan.	1.3	-8.5	-0.9	3.1
	Feb.	-4.1	9.6	7.6	-1.8
	Mac	7.8	-0.2	12.5	2.8
	Apr.	-4.1	5.7	-10.0	-1.4
	Mei	5.7	5.8	-4.4	3.4
	Jun	-1.0	-4.3	-0.1	6.0
	Jul.	-3.2	-0.6	3.9	-3.3
	Ogos	4.6	15.0	0.5	2.4
	Sep.	3.5	-16.6	6.1	0.5
	Okt.	-0.4	-2.2	1.8	-1.7
	Nov.	-4.4	7.5	-7.7	-0.3
	Dis.	1.0	-1.2	-2.1	-0.2
2019	Jan.	0.5	-10.9	7.5	1.5
	Feb.	-5.0	8.3	4.5	-2.2
	Mac	6.7	-1.0	6.7	1.7
	Apr.	-3.9	6.8	-10.1	0.3
	Mei	6.0	5.4	-3.2	4.5
	Jun	0.4	-4.5	3.4	5.3
	Jul.	-2.5	1.9	4.5	-3.3
	Ogos ^p	4.7	14.9	-0.7	1.5

INDEKS VOLUM PERDAGANGAN BORONG TIDAK DISELARASKAN MUSIM MENGIKUT KUMPULAN (2015=100)
NON-SEASONALLY ADJUSTED VOLUME INDEX OF WHOLESALE TRADE BY GROUP (2015=100)

Tahun/ Bulan		Jualan Borong Barangan Isi Rumah	Jualan Borong Jentera, Peralatan dan Bekalan	Lain-lain Pengkhususan Jualan Borong	Perdagangan Borong Tanpa Pengkhususan
Year/ Month		Wholesale of Household Goods	Wholesale of Machinery, Equipment and Supplies	Other Specialised Wholesale	Non-specialised Wholesale Trade
Kod/ Code		464	465	466	469
Wajaran/ Weighted		17.4	12.2	39.0	2.9
2018	Jan.	115.0	116.0	131.1	115.7
	Feb.	103.7	110.3	124.0	111.0
	Mac	115.8	115.9	136.0	116.8
	Apr.	106.8	120.2	128.2	102.3
	Mei	122.3	121.2	134.5	118.4
	Jun	118.9	113.2	134.3	116.6
	Jul.	107.9	113.8	129.8	122.2
	Ogos	113.2	119.8	136.5	110.3
	Sep.	125.0	123.0	142.6	121.3
	Okt.	128.8	120.9	141.3	112.8
	Nov.	120.4	116.0	131.7	117.1
	Dis.	115.5	118.8	139.2	109.4
2019	Jan.	124.6	118.4	134.1	125.4
	Feb.	111.2	111.2	126.1	117.5
	Mac	124.1	116.0	136.8	124.7
	Apr.	113.5	120.9	129.2	108.2
	Mei	130.9	122.4	134.9	122.1
	Jun	127.2	114.2	139.8	120.4
	Jul.	115.5	115.3	136.7	127.1
	Ogos ^p	120.3	120.9	146.2	113.3
% Perubahan / % Changes (YoY)					
2018	Jan.	6.9	8.0	9.5	1.3
	Feb.	5.0	7.1	8.8	9.7
	Mac	8.6	8.7	6.3	5.2
	Apr.	9.6	7.1	4.5	5.5
	Mei	9.0	7.0	5.8	8.2
	Jun	9.2	5.7	5.7	6.0
	Jul.	8.3	3.4	5.9	7.8
	Ogos	10.0	5.5	5.7	7.6
	Sep.	11.0	0.6	4.3	8.6
	Okt.	11.4	2.3	5.0	10.1
	Nov.	7.9	2.7	5.9	9.9
	Dis.	8.0	3.1	4.5	9.7
2019	Jan.	8.3	2.1	2.3	8.4
	Feb.	7.2	0.8	1.7	5.8
	Mac	7.1	0.1	0.6	6.8
	Apr.	6.3	0.5	0.8	5.8
	Mei	7.0	1.0	0.3	3.1
	Jun	6.9	0.9	4.0	3.2
	Jul.	7.1	1.4	5.3	4.0
	Ogos ^p	6.2	0.9	7.1	2.7
% Perubahan / % Changes (MoM)					
2018	Jan.	7.6	0.7	-1.6	16.1
	Feb.	-9.8	-4.9	-5.4	-4.0
	Mac	11.6	5.1	9.7	5.2
	Apr.	-7.8	3.8	-5.7	-12.4
	Mei	14.5	0.8	4.9	15.7
	Jun	-2.7	-6.6	-0.1	-1.5
	Jul.	-9.3	0.5	-3.4	4.8
	Ogos	5.0	5.3	5.2	-9.7
	Sep.	10.4	2.6	4.4	9.9
	Okt.	3.1	-1.6	-0.9	-7.0
	Nov.	-6.6	-4.1	-6.7	3.8
	Dis.	-4.1	2.4	5.7	-6.6
2019	Jan.	7.9	-0.3	-3.7	14.7
	Feb.	-10.8	-6.1	-5.9	-6.3
	Mac	11.6	4.3	8.5	6.1
	Apr.	-8.5	4.2	-5.5	-13.2
	Mei	15.3	1.3	4.4	12.8
	Jun	-2.8	-6.7	3.6	-1.4
	Jul.	-9.2	0.9	-2.2	5.6
	Ogos ^p	4.1	4.8	7.0	-10.9

NILAI JUALAN PERDAGANGAN RUNCIT MENGIKUT KUMPULAN
SALES VALUE OF RETAIL TRADE BY GROUP

Tahun/ Bulan		Jumlah	Jualan Runcit di Kedai Bukan Pengkhususan	Jualan Runcit Makanan, Minuman dan Tembakau di Kedai Pengkhususan	Jualan Runcit di Kedai Khusus yang Menjual Bahan Api Kenderaan	Jualan Runcit di Kedai Khusus yang Menjual Peralatan Komunikasi dan Maklumat
Year/ Month		Total	Retail Sale in Non-specialised Stores	Retail Sale of Food, Beverages and Tobacco in Specialised Stores	Retail Sale of Automotive Fuel in Specialised Stores	Retail Sale of Information and Communication Equipment in Specialised Stores
Kod/ Code		47	471	472	473	474
Jualan / Sales (RM Juta/ million)						
2018	Jan.	39,655	13,260	2,313	3,366	4,277
	Feb.	39,223	13,156	2,256	3,440	4,264
	Mac	40,825	13,910	2,333	3,567	4,305
	Apr.	39,129	13,142	2,312	3,423	4,170
	Mei	40,860	13,875	2,370	3,511	4,261
	Jun	42,706	14,853	2,437	3,615	4,292
	Jul.	43,427	15,166	2,433	3,691	4,365
	Ogos	43,478	14,787	2,482	3,705	4,425
	Sep.	41,171	13,820	2,333	3,591	4,356
	Okt.	41,997	14,101	2,379	3,604	4,395
	Nov.	42,858	14,562	2,414	3,660	4,432
	Dis.	44,666	15,309	2,487	3,671	4,488
2019	Jan.	43,875	15,098	2,494	3,601	4,479
	Feb.	42,543	14,397	2,457	3,633	4,522
	Mac	43,634	15,009	2,553	3,716	4,493
	Apr.	41,867	14,206	2,515	3,536	4,399
	Mei.	44,066	15,121	2,598	3,634	4,430
	Jun	46,000	16,160	2,661	3,778	4,451
	Jul.	46,512	16,394	2,688	3,808	4,508
	Ogos ^p	46,403	15,940	2,705	3,813	4,560
% Perubahan / % Changes (YoY)						
2018	Jan.	9.9	11.1	11.5	11.6	5.5
	Feb.	9.2	10.3	8.8	10.8	4.7
	Mac	8.6	8.6	8.9	10.6	4.0
	Apr.	7.9	8.8	10.1	9.8	3.5
	Mei	9.3	10.3	11.7	11.0	4.0
	Jun	12.1	14.0	12.1	14.9	5.1
	Jul.	13.3	15.8	9.1	13.6	7.2
	Ogos	14.8	17.6	12.3	14.4	8.9
	Sep.	10.5	11.9	10.6	10.8	4.1
	Okt.	11.2	13.3	11.5	8.3	5.5
	Nov.	12.6	15.5	10.8	9.9	7.3
	Dis.	12.4	15.9	8.1	7.6	7.6
2019	Jan.	10.6	13.9	7.8	7.0	4.7
	Feb.	8.5	9.4	8.9	5.6	6.0
	Mac	6.9	7.9	9.4	4.2	4.4
	Apr.	7.0	8.1	8.8	3.3	5.5
	Mei.	7.8	9.0	9.6	3.5	4.0
	Jun	7.7	8.8	9.2	4.5	3.7
	Jul.	7.1	8.1	10.5	3.2	3.3
	Ogos ^p	6.7	7.8	9.0	2.9	3.0
% Perubahan / % Changes (MoM)						
2018	Jan.	-0.2	0.4	0.5	-1.3	2.5
	Feb.	-1.1	-0.8	-2.5	2.2	-0.3
	Mac	4.1	5.7	3.4	3.7	1.0
	Apr.	-4.2	-5.5	-0.9	-4.0	-3.1
	Mei	4.4	5.6	2.5	2.6	2.2
	Jun	4.5	7.0	2.8	3.0	0.7
	Jul.	1.7	2.1	-0.1	2.1	1.7
	Ogos	0.1	-2.5	2.0	0.4	1.4
	Sep.	-5.3	-6.5	-6.0	-3.1	-1.6
	Okt.	2.0	2.0	2.0	0.4	0.9
	Nov.	2.1	3.3	1.5	1.6	0.8
	Dis.	4.2	5.1	3.0	0.3	1.3
2019	Jan.	-1.8	-1.4	0.3	-1.9	-0.2
	Feb.	-3.0	-4.6	-1.5	0.9	1.0
	Mac	2.6	4.2	3.9	2.3	-0.6
	Apr.	-4.0	-5.3	-1.5	-4.9	-2.1
	Mei.	5.3	6.4	3.3	2.8	0.7
	Jun	4.4	6.9	2.4	4.0	0.5
	Jul.	1.1	1.5	1.0	0.8	1.3
	Ogos ^p	-0.2	-2.8	0.6	0.1	1.1

NILAI JUALAN PERDAGANGAN RUNCIT MENGIKUT KUMPULAN (SAMB.)
SALES VALUE OF RETAIL TRADE BY GROUP (CONT.)

Tahun/ Bulan		Jualan Runcit di Kedai Khusus yang Menjual Peralatan Lain Isi Rumah	Jualan Runcit di Khusus Yang Menjual Barangan Kesenian dan Rekreasi	Kedai Menjual Barang Lain	Jualan Runcit di Kedai Khusus Yang Menjual Barang Lain	Jualan Runcit di Gerai dan Pasar	Jualan Runcit Bukan di Kedai, Gerai atau Pasar
Year/ Month		Retail Sale of Other Household Equipment in Specialised Stores	Retail Sale of Cultural and Recreation Goods in Specialised Stores		Retail Sale of Other Goods in Specialised Stores	Retail Sale Via Stalls and Markets	Retail Trade Not in Stores, Stalls or Markets
Kod/ Code		475	476		477	478	479
Jualan / Sales (RM Juta/ million)							
2018	Jan.	5,452	2,213		8,323	119	332
	Feb.	5,271	2,189		8,202	115	329
	Mac	5,499	2,250		8,510	116	335
	Apr.	5,308	2,146		8,173	115	341
	Mei	5,487	2,174		8,728	117	338
	Jun	5,757	2,273		9,020	120	340
	Jul.	5,781	2,280		9,249	118	344
	Ogos	5,794	2,311		9,504	119	352
	Sep.	5,510	2,408		8,691	120	342
	Okt.	5,621	2,342		9,080	122	352
	Nov.	5,710	2,376		9,220	122	363
	Dis.	6,037	2,478		9,702	127	366
2019	Jan.	5,910	2,470		9,330	128	366
	Feb.	5,638	2,382		9,039	124	352
	Mac	5,807	2,432		9,144	127	352
	Apr.	5,616	2,300		8,810	125	360
	Mei.	5,910	2,356		9,540	129	349
	Jun	6,154	2,469		9,841	130	356
	Jul.	6,162	2,457		10,007	127	358
	Ogos ^p	6,153	2,500		10,235	129	367
% Perubahan / % Changes (YoY)							
2018	Jan.	7.8	9.1		11.2	8.2	5.9
	Feb.	8.1	9.5		10.3	6.8	5.3
	Mac	8.3	10.2		9.8	7.3	7.2
	Apr.	7.5	9.8		7.3	5.5	6.6
	Mei	9.4	8.4		9.4	4.2	4.7
	Jun	10.0	12.3		13.2	5.2	5.0
	Jul.	11.8	13.7		14.7	5.6	9.2
	Ogos	13.7	11.0		16.3	5.5	10.8
	Sep.	9.5	10.8		12.4	6.6	8.4
	Okt.	9.8	11.5		13.2	7.7	9.8
	Nov.	11.1	9.0		14.5	7.4	11.8
	Dis.	9.3	12.2		14.8	7.8	9.9
2019	Jan.	8.4	11.6		12.1	7.5	10.3
	Feb.	7.0	8.8		10.2	7.8	6.9
	Mac	5.6	8.1		7.5	9.8	5.1
	Apr.	5.8	7.2		7.8	8.2	5.6
	Mei.	7.7	8.4		9.3	9.9	3.2
	Jun	6.9	8.6		9.1	8.6	4.9
	Jul.	6.6	7.8		8.2	7.7	4.1
	Ogos ^p	6.2	8.2		7.7	8.4	4.5
% Perubahan / % Changes (MoM)							
2018	Jan.	-1.3	0.2		-1.5	1.2	-0.6
	Feb.	-3.3	-1.1		-1.5	-3.1	-0.7
	Mac	4.3	2.8		3.8	0.3	1.9
	Apr.	-3.5	-4.6		-4.0	-0.3	1.6
	Mei	3.4	1.3		6.8	1.4	-0.8
	Jun	4.9	4.6		3.3	2.2	0.5
	Jul.	0.4	0.3		2.5	-1.0	1.3
	Ogos	0.2	1.4		2.8	0.7	2.2
	Sep.	-4.9	4.2		-8.6	1.1	-2.6
	Okt.	2.0	-2.8		4.5	1.6	2.8
	Nov.	1.6	1.5		1.5	-0.1	3.0
	Dis.	5.7	4.3		5.2	3.8	1.1
2019	Jan.	-2.1	-0.4		-3.8	0.8	-0.2
	Feb.	-4.6	-3.6		-3.1	-2.8	-3.8
	Mac	3.0	2.1		1.2	2.1	0.2
	Apr.	-3.3	-5.4		-3.7	-1.7	2.1
	Mei.	5.2	2.4		8.3	3.0	-3.0
	Jun	4.1	4.8		3.2	1.0	2.2
	Jul.	0.1	-0.5		1.7	-1.9	0.5
	Ogos ^p	-0.2	1.7		2.3	1.4	2.6

**INDEKS VOLUM PERDAGANGAN RUNCIT TIDAK DISELARASKAN MUSIM MENGIKUT KUMPULAN
(2015=100)**
NON-SEASONALLY ADJUSTED VOLUME INDEX OF RETAIL TRADE BY GROUP (2015=100)

Tahun/ Bulan	Jumlah	Jualan Runcit di Kedai Bukan Pengkhususan	Jualan Runcit Makanan, Minuman dan Tembakau di Kedai Pengkhususan	Jualan Runcit di Kedai Khusus yang Menjual Bahan Api Kenderaan	Jualan Runcit di Kedai Khusus yang Menjual Peralatan Komunikasi dan Maklumat
Year/ Month	Total	Retail Sale in Non- specialised Stores	Retail Sale of Food, Beverages and Tobacco in Specialised Stores	Retail Sale of Automotive Fuel in Specialised Stores	Retail Sale of Information and Communication Equipment in Specialised Stores
Kod/ Code	47	471	472	473	474
Wajaran/ Weight	100.0	33.6	5.5	10.3	9.3
2018					
Jan.	124.4	123.0	127.1	114.0	127.5
Feb.	121.6	122.5	123.3	110.8	124.9
Mac	127.7	123.7	125.7	170.3	126.1
Apr.	119.8	115.1	125.1	135.5	123.9
Mei	122.3	122.9	125.0	125.1	124.6
Jun	133.8	132.2	135.8	136.8	135.0
Jul.	135.1	134.0	131.5	133.5	135.9
Ogos	132.6	128.6	130.1	135.4	138.5
Sep.	125.5	119.4	128.8	136.6	132.2
Okt.	130.8	124.0	133.0	138.4	140.6
Nov.	133.9	130.0	131.5	141.8	143.9
Dis.	139.9	136.8	135.6	135.9	146.4
2019					
Jan.	138.3	136.2	137.9	122.4	145.4
Feb.	132.9	131.3	134.1	118.5	141.5
Mac	137.1	129.3	137.1	180.6	140.5
Apr.	129.0	120.5	135.5	143.2	138.4
Mei	133.8	136.0	137.1	132.5	136.9
Jun	146.7	149.0	148.2	150.0	147.6
Jul.	146.5	148.4	144.6	145.7	147.7
Ogos ^p	142.6	140.6	141.1	146.9	149.2
% Perubahan / % Changes (YoY)					
2018					
Jan.	8.5	8.4	9.1	7.9	9.6
Feb.	7.7	7.4	6.4	10.9	7.7
Mac	6.4	3.8	6.6	12.3	6.5
Apr.	6.1	5.1	9.6	9.4	6.4
Mei	7.5	6.6	11.0	5.9	8.2
Jun	10.4	10.5	13.7	6.1	8.9
Jul.	12.0	12.4	10.8	4.9	11.7
Ogos	13.9	14.5	14.1	6.2	13.9
Sep.	10.3	8.9	11.4	4.7	12.4
Okt.	10.9	10.2	11.7	4.3	13.6
Nov.	12.3	12.2	11.2	7.8	15.6
Dis.	12.2	12.5	8.6	5.4	16.1
2019					
Jan.	11.2	10.7	8.5	7.4	14.0
Feb.	9.3	7.2	8.8	6.9	13.2
Mac	7.4	4.5	9.1	6.1	11.4
Apr.	7.7	4.7	8.3	5.7	11.7
Mei	9.4	10.7	9.7	5.9	9.9
Jun	9.6	12.8	9.1	9.6	9.4
Jul.	8.4	10.7	9.9	9.1	8.7
Ogos ^p	7.6	9.3	8.4	8.4	7.7
% Perubahan / % Changes (MoM)					
2018					
Jan.	-0.2	1.2	1.7	-11.5	1.2
Feb.	-2.2	-0.4	-2.9	-2.8	-2.0
Mac	5.0	1.0	1.9	53.6	1.0
Apr.	-6.2	-7.0	-0.5	-20.4	-1.8
Mei	2.1	6.8	-0.1	-7.7	0.5
Jun	9.4	7.5	8.6	9.4	8.4
Jul.	0.9	1.4	-3.2	-2.4	0.7
Ogos	-1.8	-4.1	-1.1	1.4	1.9
Sep.	-5.4	-7.2	-1.0	0.9	-4.6
Okt.	4.2	3.9	3.2	1.3	6.3
Nov.	2.4	4.9	-1.1	2.4	2.4
Dis.	4.5	5.2	3.2	-4.1	1.7
2019					
Jan.	-1.1	-0.4	1.7	-9.9	-0.6
Feb.	-3.9	-3.6	-2.7	-3.2	-2.7
Mac	3.2	-1.6	2.2	52.4	-0.7
Apr.	-5.9	-6.8	-1.2	-20.7	-1.5
Mei	3.7	12.9	1.2	-7.5	-1.1
Jun	9.6	9.6	8.1	13.2	7.8
Jul.	-0.2	-0.4	-2.4	-2.9	0.1
Ogos ^p	-2.6	-5.3	-2.4	0.8	1.0

**INDEKS VOLUM PERDAGANGAN RUNCIT TIDAK DISELARASKAN MUSIM MENGIKUT KUMPULAN
(2015=100)**
NON-SEASONALLY ADJUSTED VOLUME INDEX OF RETAIL TRADE BY GROUP (2015=100)

Tahun/ Bulan		Jualan Runcit di Kedai Khusus yang Menjual Peralatan Lain Isi Rumah	Jualan Runcit di Kedai Khusus yang Menjual Barangan Kesenian dan Rekreasi	Jualan Runcit di Kedai Khusus yang Menjual Barang Lain	Jualan Runcit di Gerai dan Pasar	Jualan Runcit Bukan di Kedai, Gerai atau Pasar
Year/ Month		Retail Sale of Other Household Equipment in Specialised Stores	Retail Sale of Cultural and Recreation Goods in Specialised Stores	Retail Sale of Other Goods in Specialised Stores	Retail Sale Via Stalls and Markets	Retail Trade Not in Stores, Stalls or Markets
Kod/ Code		475	476	477	478	479
Wajaran/ Weight		15.2	4.8	20.0	0.3	1.0
2018	Jan.	120.6	131.6	125.1	123.3	114.1
	Feb.	111.8	129.7	124.5	119.5	107.7
	Mac	119.6	131.5	129.1	119.6	118.9
	Apr.	113.0	117.9	122.0	115.3	116.6
	Mei	116.6	117.1	124.3	124.1	114.2
	Jun	124.4	131.8	140.7	124.0	117.5
	Jul.	125.8	132.5	144.0	112.7	119.2
	Ogos	125.9	128.6	138.4	126.0	126.8
	Sep.	120.3	123.2	127.9	130.0	123.4
	Okt.	122.3	125.9	135.9	139.8	127.7
	Nov.	124.4	135.3	136.3	124.8	130.5
	Dis.	131.8	146.9	143.8	131.5	132.1
2019	Jan.	129.4	149.7	141.5	136.3	128.5
	Feb.	118.7	142.4	138.4	131.8	117.8
	Mac	125.4	143.4	139.9	133.8	128.9
	Apr.	119.0	128.2	133.4	127.1	127.0
	Mei	125.1	127.7	137.1	137.1	119.1
	Jun	131.1	144.1	154.8	134.5	122.8
	Jul.	131.6	142.7	156.2	121.1	123.2
	Ogos ^p	131.6	138.7	148.8	135.6	132.0
% Perubahan / % Changes (YoY)						
2018	Jan.	5.3	11.2	9.3	5.8	3.6
	Feb.	5.9	11.1	8.0	5.5	4.0
	Mac	5.7	9.3	6.8	6.3	6.4
	Apr.	5.5	9.2	5.0	4.0	5.0
	Mei	8.3	8.5	6.8	3.9	2.8
	Jun	8.1	14.3	11.8	6.2	4.3
	Jul.	9.9	16.2	13.9	7.1	8.6
	Ogos	11.9	13.7	16.2	6.6	11.1
	Sep.	8.8	13.3	11.4	9.5	9.4
	Okt.	8.9	13.9	11.7	10.4	10.6
	Nov.	9.7	11.0	13.7	10.1	13.1
	Dis.	7.9	14.3	14.2	10.7	11.6
2019	Jan.	7.3	13.8	13.1	10.5	12.7
	Feb.	6.2	9.8	11.2	10.3	9.4
	Mac	4.8	9.1	8.4	11.9	8.4
	Apr.	5.3	8.7	9.3	10.3	8.9
	Mei	7.3	9.0	10.3	10.4	4.3
	Jun	5.5	9.3	10.0	8.4	4.5
	Jul.	4.6	7.7	8.5	7.5	3.3
	Ogos ^p	4.5	7.9	7.5	7.7	4.1
% Perubahan / % Changes (MoM)						
2018	Jan.	-1.2	2.4	-0.7	3.8	-3.6
	Feb.	-7.3	-1.4	-0.5	-3.1	-5.6
	Mac	7.0	1.4	3.7	0.1	10.4
	Apr.	-5.5	-10.3	-5.5	-3.6	-2.0
	Mei	3.2	-0.7	1.9	7.7	-2.1
	Jun	6.7	12.6	13.2	-0.1	2.9
	Jul.	1.2	0.5	2.3	-9.1	1.4
	Ogos	0.1	-3.0	-3.8	11.7	6.4
	Sep.	-4.4	-4.1	-7.6	3.2	-2.7
	Okt.	1.6	2.1	6.2	7.5	3.5
	Nov.	1.7	7.5	0.3	-10.8	2.2
	Dis.	5.9	8.6	5.5	5.3	1.2
2019	Jan.	-1.8	1.9	-1.6	3.7	-2.7
	Feb.	-8.2	-4.9	-2.2	-3.3	-8.3
	Mac	5.6	0.7	1.1	1.6	9.4
	Apr.	-5.1	-10.6	-4.7	-5.0	-1.5
	Mei	5.1	-0.4	2.8	7.8	-6.3
	Jun	4.9	12.8	12.9	-1.9	3.1
	Jul.	0.3	-0.9	0.9	-9.9	0.3
	Ogos ^p	-0.04	-2.8	-4.8	12.0	7.2

NILAI JUALAN KENDERAAN BERMOTOR MENGIKUT KUMPULAN

SALES VALUE OF MOTOR VEHICLES BY GROUP

Tahun/ Bulan		Jumlah	Jualan Kenderaan Bermotor	Penyelenggaraan dan Pembaikan Kenderaan Bermotor	Jualan Komponen dan Aksesori Kenderaan Bermotor	Jualan, Penyelenggaraan dan Pembaikan Motosikal
Year/ Month		Total	Sale of Motor Vehicles	Maintenance and Repair of Motor Vehicles	Sale of Motor Vehicles Parts and Accessories	Sale, Maintenance and Repair of Motorcycles
Kod/ Code		45	451	452	453	454
Jualan/ Sales (RM Juta/ million)						
2018	Jan.	11,655	6,179	1,543	3,060	873
	Feb.	10,544	5,623	1,431	2,653	837
	Mac	12,278	6,888	1,473	2,914	1,003
	Apr.	12,066	6,812	1,427	2,868	959
	Mei	12,308	6,732	1,549	3,041	986
	Jun	13,019	7,347	1,642	3,079	951
	Jul.	13,861	8,129	1,585	3,099	1,048
	Ogos	13,467	7,734	1,640	3,111	982
	Sep.	11,164	5,605	1,494	3,095	970
	Okt.	12,132	6,548	1,469	3,101	1,014
	Nov.	12,287	6,660	1,538	3,103	985
	Dis.	11,898	6,199	1,612	3,115	971
2019	Jan.	12,211	6,488	1,614	3,177	932
	Feb.	10,782	5,600	1,501	2,777	903
	Mac	12,594	6,964	1,550	3,045	1,035
	Apr.	12,337	6,875	1,484	2,977	1,000
	Mei.	13,425	7,614	1,618	3,163	1,030
	Jun	12,700	6,716	1,751	3,255	978
	Jul. ^r	13,628	7,658	1,670	3,220	1,081
	Ogos ^p	13,619	7,665	1,732	3,211	1,011
% Perubahan/ % Changes (YoY)						
2018	Jan.	2.6	-1.0	7.3	7.5	4.6
	Feb.	2.2	-0.9	4.9	7.4	2.9
	Mac	-4.6	-8.6	7.9	-1.6	-0.7
	Apr.	6.3	6.8	9.1	4.2	5.4
	Mei	-2.9	-8.3	7.0	3.9	3.5
	Jun	10.1	13.6	7.6	5.1	5.9
	Jul.	12.1	15.8	6.9	7.8	6.1
	Ogos	10.6	13.0	7.8	8.2	5.7
	Sep.	-0.9	-7.6	9.3	6.6	3.9
	Okt.	2.9	1.7	3.0	5.2	4.2
	Nov.	2.1	-0.1	3.7	6.0	3.1
	Dis.	-1.4	-5.1	1.2	2.6	7.4
2019	Jan.	4.8	5.0	4.6	3.8	6.8
	Feb.	2.3	-0.4	4.9	4.7	7.9
	Mac	2.6	1.1	5.2	4.5	3.2
	Apr.	2.2	0.9	4.1	3.8	4.3
	Mei.	9.1	13.1	4.4	4.0	4.5
	Jun	-2.5	-8.6	6.6	5.7	2.8
	Jul. ^r	-1.7	-5.8	5.4	3.9	3.1
	Ogos ^p	1.1	-0.9	5.6	3.2	2.9
% Perubahan/ % Changes (MoM)						
2018	Jan.	-3.4	-5.4	-3.2	0.8	-3.5
	Feb.	-9.5	-9.0	-7.3	-13.3	-4.1
	Mac	16.4	22.5	2.9	9.9	19.8
	Apr.	-1.7	-1.1	-3.1	-1.6	-4.4
	Mei	2.0	-1.2	8.6	6.0	2.8
	Jun	5.8	9.1	6.0	1.3	-3.5
	Jul.	6.5	10.6	-3.5	0.7	10.2
	Ogos	-2.8	-4.9	3.5	0.4	-6.3
	Sep.	-17.1	-27.5	-8.9	-0.5	-1.2
	Okt.	8.7	16.8	-1.7	0.2	4.5
	Nov.	1.3	1.7	4.7	0.1	-2.8
	Dis.	-3.2	-6.9	4.9	0.4	-1.5
2019	Jan.	2.6	4.6	0.1	2.0	-4.0
	Feb.	-11.7	-13.7	-7.0	-12.6	-3.1
	Mac	16.8	24.3	3.3	9.6	14.6
	Apr.	-2.0	-1.3	-4.2	-2.2	-3.4
	Mei.	8.8	10.7	9.0	6.3	3.0
	Jun	-5.4	-11.8	8.3	2.9	-5.1
	Jul. ^r	7.3	14.0	-4.7	-1.1	10.5
	Ogos ^p	-0.1	0.1	3.7	-0.3	-6.5

INDEKS VOLUM KENDERAAN BERMOTOR TIDAK DISELARASKAN MUSIM MENGIKUT KUMPULAN (2015=100)
NON-SEASONALLY ADJUSTED VOLUME INDEX OF MOTOR VEHICLES BY GROUP (2015=100)

Tahun/ Bulan		Jumlah	Jualan Kenderaan Bermotor	Penyelenggaraan dan Pembaikan Kenderaan Bermotor	Jualan Komponen dan Aksesori Kenderaan Bermotor	Jualan, Penyelenggaraan dan Pembaikan Motosikal
Year/ Month		Total	Sale of Motor Vehicles	Maintenance and Repair of Motor Vehicles	Sale of Motor Vehicles Parts and Accessories	Sale, Maintenance and Repair of Motorcycles
Kod/ Code		45	451	452	453	454
Wajaran/ Weight		100.0	59.5	10.3	22.0	8.3
2018	Jan.	98.0	88.5	104.3	115.2	89.4
	Feb.	92.3	85.9	95.2	103.9	88.4
	Mac	100.5	100.4	97.0	103.8	98.7
	Apr.	95.7	91.0	94.7	103.5	99.4
	Mei	99.8	89.9	110.9	108.3	105.7
	Jun	109.0	107.4	117.9	109.5	100.9
	Jul.	114.1	115.6	107.9	117.1	109.8
	Ogos	109.8	107.1	114.1	113.6	105.9
	Sep.	93.3	76.6	105.3	111.1	105.4
	Okt.	100.4	90.1	101.3	113.6	112.5
	Nov.	101.9	92.1	106.0	113.9	110.3
	Dis.	98.4	86.3	107.4	114.8	99.3
2019	Jan.	103.4	93.7	106.9	122.1	97.2
	Feb.	95.8	86.6	97.6	111.2	97.0
	Mac	104.4	102.5	99.6	111.0	104.2
	Apr.	99.1	92.8	95.6	110.5	105.0
	Mei	108.9	102.8	112.2	116.2	113.0
	Jun	108.8	99.3	124.4	117.9	105.1
	Jul.	114.5	109.8	112.8	124.1	114.7
	Ogos ^p	111.4	106.0	119.3	117.9	107.9
% Perubahan / % Changes (YoY)						
2018	Jan.	1.4	-2.2	3.0	5.1	3.6
	Feb.	0.7	-1.6	0.1	5.0	-0.3
	Mac	-3.7	-4.0	0.8	-5.3	-5.1
	Apr.	5.3	8.1	5.1	2.4	2.4
	Mei	-4.0	-11.7	3.2	2.3	2.0
	Jun	9.6	14.2	6.1	5.1	7.4
	Jul.	11.7	16.8	6.0	8.1	8.2
	Ogos	10.3	13.7	6.6	8.2	7.3
	Sep.	0.4	-8.0	7.7	6.3	5.7
	Okt.	3.4	2.4	1.2	5.3	5.9
	Nov.	2.9	1.0	1.7	6.0	4.6
	Dis.	-0.5	-5.6	0.1	3.5	9.2
2019	Jan.	5.6	5.9	2.5	6.0	8.7
	Feb.	3.8	0.8	2.6	7.1	9.7
	Mac	3.9	2.2	2.7	7.0	5.6
	Apr.	3.5	2.0	1.0	6.7	5.7
	Mei	9.1	14.4	1.2	7.3	6.9
	Jun	-0.1	-7.5	5.5	7.7	4.2
	Jul.	0.3	-5.0	4.5	5.9	4.5
	Ogos ^p	1.5	-1.0	4.6	3.8	1.9
% Perubahan / % Changes (MoM)						
2018	Jan.	-1.0	-3.2	-2.8	3.9	-1.7
	Feb.	-5.8	-2.9	-8.7	-9.8	-1.1
	Mac	8.9	16.8	1.9	-0.1	11.7
	Apr.	-4.8	-9.4	-2.3	-0.2	0.7
	Mei	4.3	-1.2	17.1	4.6	6.4
	Jun	9.2	19.5	6.4	1.1	-4.6
	Jul.	4.7	7.6	-8.5	7.0	8.9
	Ogos	-3.8	-7.4	5.7	-3.0	-3.6
	Sep.	-15.0	-28.5	-7.6	-2.2	-0.5
	Okt.	7.7	17.7	-3.8	2.2	6.8
	Nov.	1.5	2.2	4.7	0.2	-2.0
	Dis.	-3.4	-6.3	1.3	0.8	-10.0
2019	Jan.	5.1	8.6	-0.5	6.4	-2.1
	Feb.	-7.4	-7.6	-8.7	-8.9	-0.2
	Mac	8.9	18.4	2.0	-0.2	7.4
	Apr.	-5.1	-9.5	-4.0	-0.5	0.8
	Mei	9.9	10.8	17.4	5.2	7.6
	Jun	-0.05	-3.4	10.8	1.4	-7.0
	Jul.	5.2	10.6	-9.3	5.3	9.1
	Ogos ^p	-2.7	-3.5	5.7	-5.0	-5.9

Tahun/ Bulan		Indeks Harga Pengguna	Kadar Penyertaan Tenaga Buruh (%)	Kadar Pengangguran (%)	Eksport (RM Bilion)	Import (RM Bilion)
Year/ Month		Consumer Price Index	Labour Force Participation Rate (%)	Unemployment Rate (%)	Export (RM Billion)	Import (RM Billion)
2018	Jan.	121.3	68.2	3.4	83,252	73,201
	Feb.	121.3	68.2	3.3	70,552	61,417
	Mac	120.9	68.2	3.3	84,856	69,897
	Apr.	120.9	68.2	3.3	84,636	71,374
	Mei	121.1	68.4	3.3	82,862	74,040
	Jun	119.6	68.5	3.4	78,845	72,746
	Jul.	119.8	68.6	3.4	86,475	78,349
	Ogos	120.0	68.4	3.4	81,982	80,536
	Sep.	120.5	68.5	3.3	83,342	67,771
	Okt.	120.7	68.5	3.3	97,122	80,270
	Nov.	121.0	68.4	3.3	85,543	77,046
	Dis.	121.1	68.5	3.3	84,120	73,157
2019	Jan.	120.5	68.6	3.3	85,400	73,886
	Feb.	120.8	68.5	3.3	66,599	55,543
	Mac	121.1	68.5	3.4	84,063	69,679
	Apr.	121.1	68.5	3.4	85,155	74,346
	Mei	121.4	68.5	3.3	84,138	75,063
	Jun	121.4	68.6	3.3	76,143	65,631
	Jul.	121.5	68.5	3.3	87,958	73,682
	Ogos ^p	121.8	68.6	3.3	81,355	70,434
% Perubahan / % Changes (YoY)						
2018	Jan.	2.7	0.7	-0.1	18.4	11.9
	Feb.	1.4	0.6	-0.2	-2.0	-2.6
	Mac	1.3	0.7	-0.1	2.4	-9.5
	Apr.	1.4	0.7	-0.1	14.0	9.5
	Mei	1.8	0.9	-0.1	4.6	1.5
	Jun	0.8	1.0	0.0	8.3	16.2
	Jul.	0.9	1.3	-0.1	9.8	11.0
	Ogos	0.2	0.9	0.0	-0.1	11.7
	Sep.	0.3	0.9	-0.1	7.0	-2.7
	Okt.	0.6	0.7	-0.1	18.6	11.7
	Nov.	0.2	0.7	0.0	2.5	4.8
	Dis.	0.2	0.6	0.0	5.8	1.4
2019	Jan.	-0.7	0.6	-0.1	2.6	0.9
	Feb.	-0.4	0.4	0.0	-5.6	-9.6
	Mac	0.2	0.4	0.1	-0.9	-0.3
	Apr.	0.2	0.4	0.1	0.6	4.2
	Mei	0.2	0.1	0.0	1.5	1.4
	Jun	1.5	0.1	-0.1	-3.4	-9.8
	Jul.	1.4	-0.1	0.0	1.7	-6.0
	Ogos ^p	1.5	0.3	0.0	-0.8	-12.5
% Perubahan / % Changes (MoM)						
2018	Jan.	0.3	0.1	0.1	4.7	1.5
	Feb.	0.0	0.0	-0.1	-15.3	-16.1
	Mac	-0.3	0.0	0.0	20.3	13.8
	Apr.	0.0	0.0	0.0	-0.3	2.1
	Mei	0.2	0.3	0.0	-2.1	3.7
	Jun	-1.2	0.1	0.1	-4.8	-1.7
	Jul.	0.2	0.1	0.0	9.7	7.7
	Ogos	0.2	-0.3	0.0	-5.2	2.8
	Sep.	0.4	0.1	-0.1	1.7	-15.9
	Okt.	0.2	0.0	0.0	16.5	18.4
	Nov.	0.2	-0.1	0.0	-11.9	-4.0
	Dis.	0.1	0.1	0.0	-1.7	-5.0
2019	Jan.	-0.5	0.1	0.0	1.5	1.0
	Feb.	0.2	-0.1	0.0	-22.0	-24.8
	Mac	0.2	0.0	0.1	26.2	25.5
	Apr.	0.0	0.0	0.0	1.3	6.7
	Mei	0.2	0.0	-0.1	-1.2	1.0
	Jun	0.0	0.1	0.0	-9.5	-12.6
	Jul.	0.1	-0.1	-0.1	15.5	12.3
	Ogos ^p	0.2	0.1	-0.1	-7.5	-4.4

INDEKS PERDAGANGAN RUNCIT BAGI NEGARA TERPILIH
RETAIL TRADE INDEX FOR SELECTED COUNTRIES

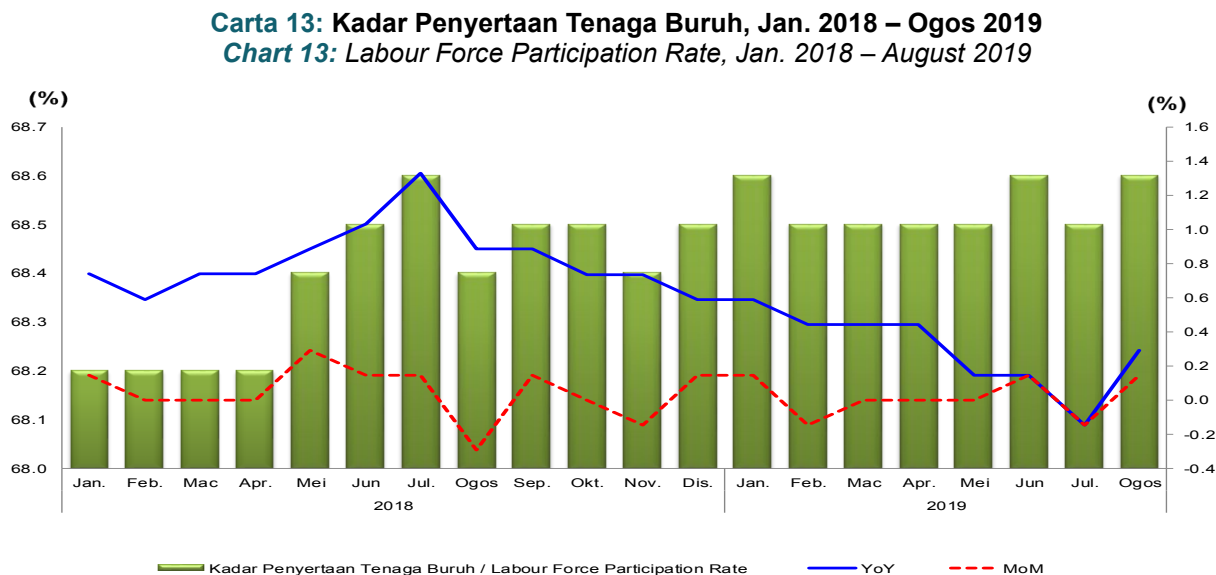
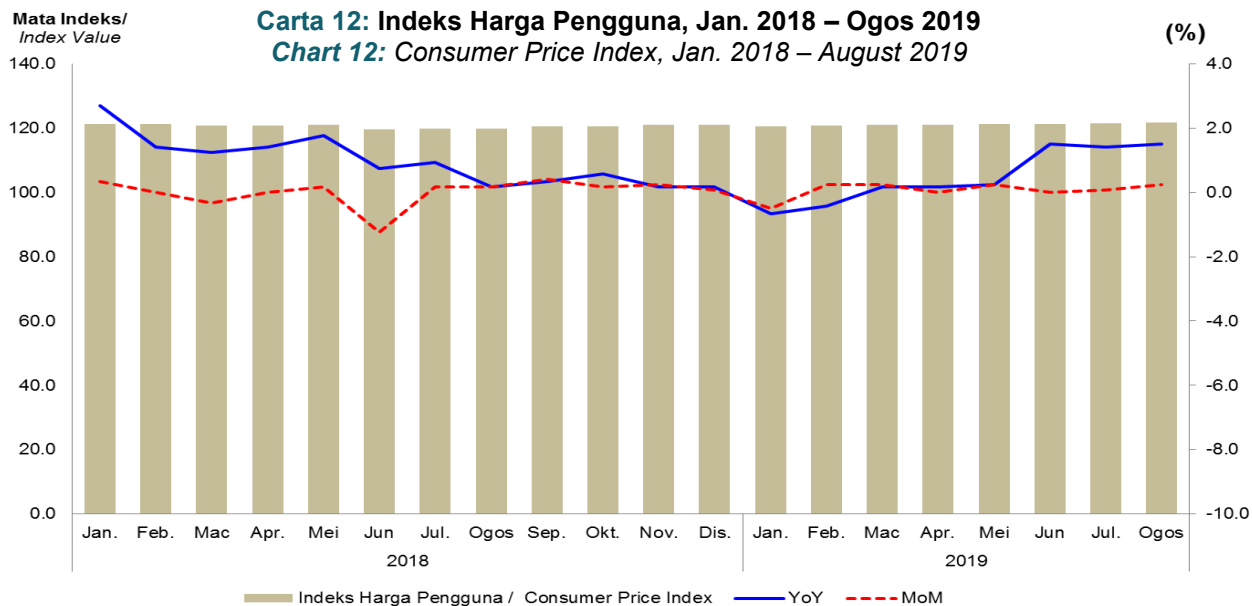
Tahun/ Bulan	MALAYSIA	HONG KONG	SINGAPURA	INDONESIA	UNITED KINGDOM	THAILAND	REPUBLIC OF KOREA
Year/ Month	MALAYSIA	HONG KONG	SINGAPORE	INDONESIA	UNITED KINGDOM	THAILAND	REPUBLIC OF KOREA
2018 Jan.	124.4	112.3	98.7	203.5	102.6	236.1	105.3
Feb.	121.6	113.7	96.8	200.0	103.1	230.3	101.7
Mac	127.7	99.1	98.9	209.1	101.8	260.1	113.2
Apr.	119.8	97.5	99.8	215.0	103.2	223.6	109.9
Mei	122.3	100.4	99.2	231.9	105.6	246.4	112.8
Jun	133.8	93.5	100.4	237.8	105.0	247.5	108.7
Jul.	135.1	97.1	97.8	216.0	105.8	256.7	110.8
Ogos	132.6	95.6	99.0	214.3	106.1	273.1	107.0
Sep.	125.5	91.3	99.1	210.8	105.5	255.8	109.9
Okt.	130.8	99.0	98.9	208.1	105.3	262.7	113.5
Nov.	133.9	97.2	100.0	213.8	106.8	265.1	116.2
Dis.	139.9	112.1	97.5	236.3	105.9	283.1	116.4
2019 Jan.	138.3	120.0	97.6	218.1	94.9	258.9	109.8
Feb.	132.9	101.7	96.3	218.2	97.4	248.0	99.8
Mac	137.1	98.3	97.8	230.2	101.4	283.9	116.0
Apr.	129.0	92.7	98.2	229.4	105.1	253.7	111.4
Mei	133.8	98.6	95.4	249.8	104.9	270.9	116.0
Jun	146.7	86.4	93.0	233.6	105.8	264.0	112.1
Jul.	146.5	84.4	95.8	221.0	109.1	260.1	111.1
Ogos ^p	142.6	71.3	11 Okt. 2019	222.2	105.0	31 Okt. 2019	115.4
% Perubahan / % Changes (YoY)							
2018 Jan.	8.5	2.4	0.3	-1.8	1.4	9.9	1.9
Feb.	7.7	28.3	-3.1	1.5	1.7	8.0	6.8
Mac	6.4	10.0	-1.1	2.5	2.9	3.8	7.4
Apr.	6.1	10.9	0.8	4.1	-1.5	7.8	5.8
Mei	7.5	11.4	-0.2	8.3	4.0	6.3	4.8
Jun	10.4	9.9	0.4	2.3	3.0	7.5	4.3
Jul.	12.0	5.9	-3.1	2.9	4.0	16.0	5.6
Ogos	13.9	8.0	-1.7	6.1	3.3	16.9	5.6
Sep.	10.3	5.3	2.1	4.8	3.0	10.3	0.4
Okt.	10.9	6.0	0.3	2.9	2.1	20.3	5.1
Nov.	12.3	1.2	-1.6	3.4	3.4	13.3	1.0
Dis.	12.2	0.1	-6.0	7.7	2.0	10.5	3.1
2019 Jan.	11.2	6.9	-1.1	7.2	3.3	9.7	4.3
Feb.	9.3	-10.5	-0.5	9.1	3.8	7.7	-1.9
Mac	7.4	-0.8	-1.1	10.1	4.8	9.2	2.5
Apr.	7.7	-5.0	-1.6	6.7	7.1	13.5	1.4
Mei	9.4	-1.8	-3.8	7.7	2.0	9.9	2.8
Jun	9.6	-7.6	-7.4	-1.8	3.5	6.7	1.2
Jul.	8.4	-13.1	-2.0	2.4	3.4	1.3	-0.3
Ogos ^p	7.6	-25.3	11 Okt. 2019	3.7	2.7	31 Okt. 2019	4.1
% Perubahan / % Changes (MoM)							
2018 Jan.	10.1	0.3	-4.8	-7.3	-4.2	-7.8	-6.7
Feb.	-2.2	1.2	-1.9	-1.7	0.5	-2.5	-3.4
Mac	5.0	-12.8	2.2	4.5	-1.3	12.9	11.3
Apr.	-6.2	-1.6	0.9	2.8	1.4	-14.0	-2.9
Mei	2.1	3.0	-0.6	7.9	2.3	10.2	2.6
Jun	9.4	-6.9	1.2	2.5	-0.6	0.4	-3.6
Jul.	0.9	3.9	-2.6	-9.2	0.8	3.7	1.9
Ogos	-1.8	-1.5	1.2	-0.8	0.3	6.4	-3.4
Sep.	-5.4	-4.5	0.1	-1.6	-0.6	-6.3	2.7
Okt.	4.2	8.4	-0.2	-1.3	-0.2	2.7	3.3
Nov.	2.4	-1.8	1.1	2.7	1.4	0.9	2.4
Dis.	4.5	15.3	-2.5	10.5	-0.8	6.8	0.2
2019 Jan.	-1.1	7.0	0.1	-7.7	-10.4	-8.5	-5.7
Feb.	-3.9	-15.3	-1.3	0.0	2.6	-4.2	-9.1
Mac	3.2	-3.3	1.6	5.5	4.1	14.5	16.2
Apr.	-5.9	-5.7	0.4	-0.3	3.6	-10.6	-4.0
Mei	3.7	6.4	-2.9	8.9	-0.2	6.8	4.1
Jun	9.6	-12.4	-2.5	-6.5	0.9	-2.5	-3.4
Jul.	-0.2	-2.3	3.0	-5.4	3.1	-1.5	-0.9
Ogos ^p	-2.6	-15.5	11 Okt. 2019	0.5	-3.8	31 Okt. 2019	3.9

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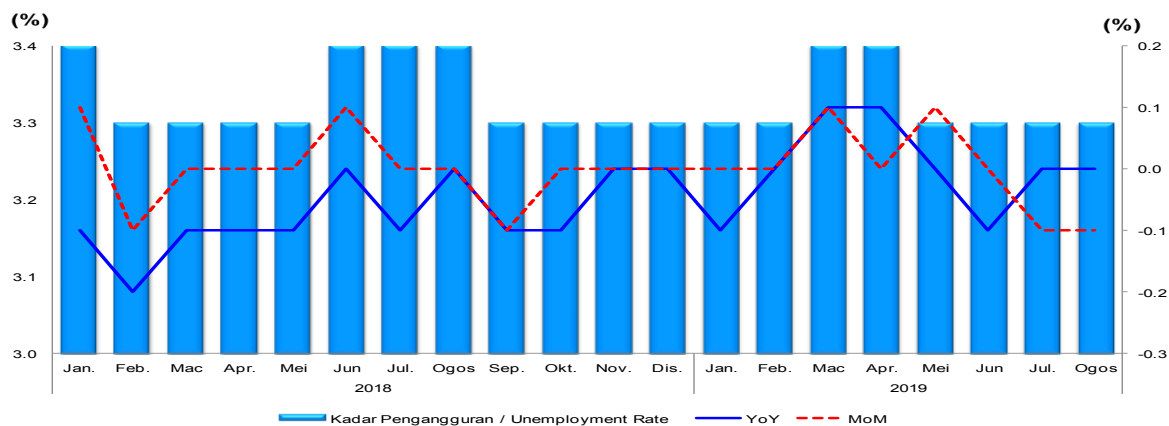
INDIKATOR TAMBAHAN
ADDITIONAL INDICATORS

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INDIKATOR TAMBAHAN ADDITIONAL INDICATORS

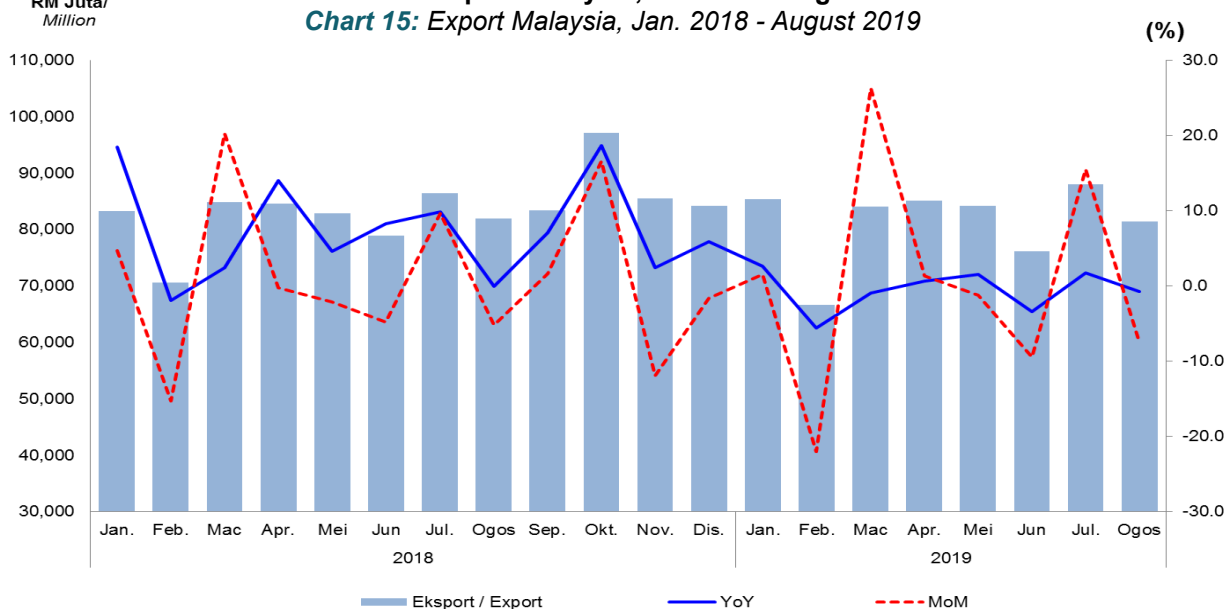


Carta 14: Kadar Pengangguran, Jan. 2018 – Ogos 2019
Chart 14: Unemployment Rate, Jan. 2018 - August 2019

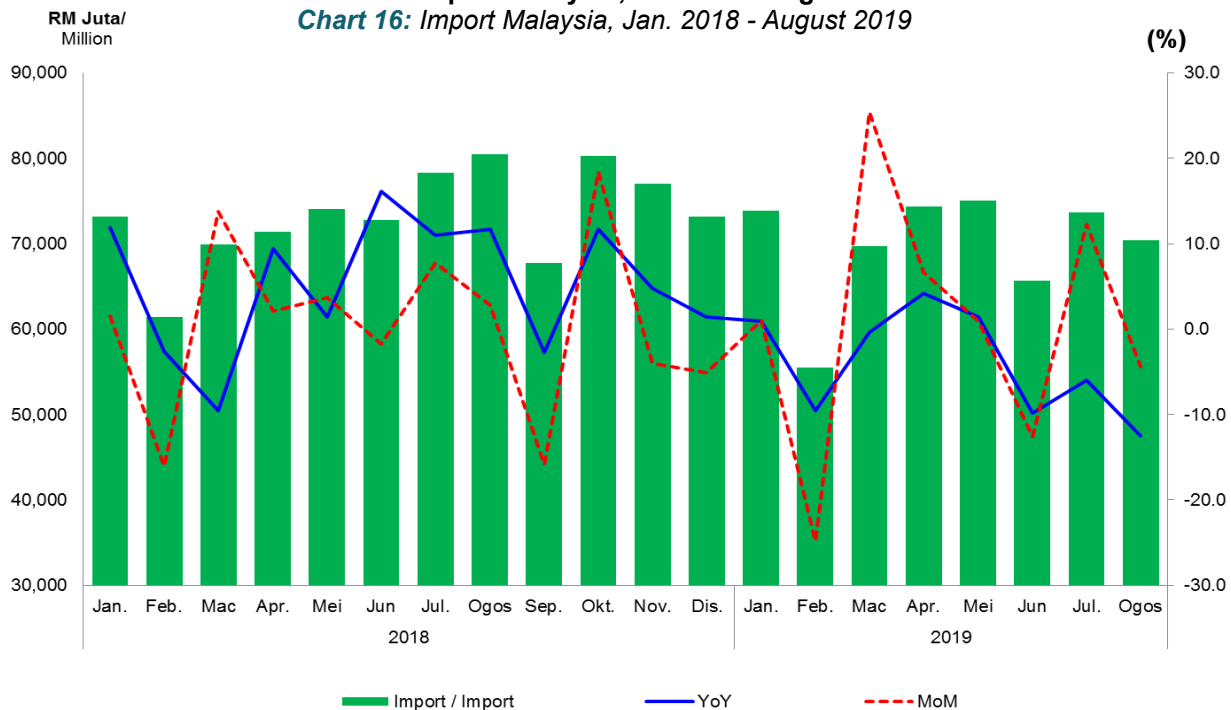


INDIKATOR TAMBAHAN ADDITIONAL INDICATORS

Carta 15: Eksport Malaysia, Jan. 2018 - Ogos 2019
Chart 15: Export Malaysia, Jan. 2018 - August 2019



Carta 16: Import Malaysia, Jan. 2018 - Ogos 2019
Chart 16: Import Malaysia, Jan. 2018 - August 2019



NOTA TEKNIKAL
TECHNICAL NOTES

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NOTA TEKNIKAL

1. PENDAHULUAN

Data dalam penerbitan ini dikumpul melalui Survei Perdagangan Borong & Runcit Bulanan yang merangkumi sektor Perdagangan Borong dan Runcit bermula pada Januari 2014;

Data yang dilaporkan adalah bermula tahun 2018 bagi nilai Jualan. Manakala indeks volum bermula pada Januari 2015 menggunakan tahun 2015 sebagai tahun asas (2015=100).

2. OBJEKTIF

Penerbitan ini membentangkan maklumat nilai jualan dalam sektor Perdagangan Borong dan Runcit. Survei yang dijalankan ini adalah untuk:

- Menyediakan indikator jangka pendek sektor Perdagangan Borong dan Runcit;
- Menyediakan input dalam penyusunan Indeks Perdagangan Borong dan Runcit bulanan;
- Menyediakan maklumat bagi penyusunan Keluaran Dalam Negeri Kasar Suku Tahunan; dan
- Membantu pihak kerajaan dan organisasi lain termasuk komuniti perniagaan dalam merancang dan membuat keputusan.

3. SKOP DAN LIPUTAN

Survei ini meliputi semua pertubuhan yang berdaftar dengan badan-badan kawal selia yang terlibat dalam Perkhidmatan Perdagangan Borong & Runcit.

4. KONSEP DAN DEFINISI

Klasifikasi industri adalah berasaskan kepada Piawaian Klasifikasi Industri Malaysia 2008 Ver.1.0. Klasifikasi yang diguna pakai adalah selaras dengan *International Standard Industrial Classification All Economic Activities, Revision 4, United Nations Statistics Division*. Manakala, perdagangan borong dan runcit yang digunapakai dalam penerbitan ini berasaskan kepada saranan di dalam *Manual International Recommendations for Distributive Trade Statistics 2008 (IRDTS 2008)* yang diterbitkan oleh *United Nations Statistics Division*. Definisi tersebut adalah termasuk aktiviti berikut:

NOTA TEKNIKAL

4.1 Perdagangan Borong & Runcit

4.1.1 Perdagangan Borong

Merujuk kepada penjualan semula (tanpa pengubahsuaian) barangan baru dan barang yang telah digunakan kepada peruncit, pengguna perindustrian, perdagangan, institusi atau profesional; atau kepada pemborong lain; atau menjual dagangan kepada orang atau syarikat berkenaan.

Pemborong selalunya memasang, memilih dan mengklasifikasikan barang dalam lot-lot besar; memecahkan muatan yang besar, membungkus semula dan membotol (kecuali bekas yang kedap udara) dan membahagi semula kepada lot-lot kecil; menyimpan, menyejuk, menghantar dan memasang barang dan juga turut serta dalam promosi jualan untuk pelanggan dan rekabentuk label.

4.1.2 Perdagangan Runcit

Merujuk kepada penjualan semula (jualan tanpa pengubahsuaian) barang baru dan terpakai kepada orang awam untuk kegunaan peribadi atau isi rumah.

4.1.3 Kenderaan Bermotor

Merujuk kepada 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, mengilap serta agen komisen.

4.2 Indeks Volum Perdagangan Borong & Runcit

4.2.1 Jenis Indeks Volum

Indeks Volum Perdagangan Borong & Runcit diukur pada tempoh rujukan berbanding tahun asas, (2015=100).

5. UNIT MELAPOR

Survei ini dilaksanakan dengan menggunakan pendekatan **pertubuhan**. Pertubuhan ditakrifkan sebagai "satu unit ekonomi yang bergiat di bawah satu aktiviti, di bawah penguasaan tunggal yang sah dan beroperasi di satu lokasi fizikal". Setiap pertubuhan diberikan klasifikasi industri yang berdasarkan aktiviti utama dan bukannya mengikut syarikat induk.

NOTA TEKNIKAL

6. NILAI JUALAN

Definisi ini terpakai kepada Perdagangan Borong & Runcit.

Nilai jualan merujuk kepada:

- (a) nilai semua **barang** di mana hak milik atau hak mutlak untuk penggunaan telah dipindahkan kepada orang lain dengan tujuan barang itu akan dibeli akhirnya; dan
- (b) nilai **perkhidmatan** yang diberikan dalam tempoh laporan tanpa mengambil kira masa dan cara pembayaran dibuat.

Nilai jualan dalam survei ini merujuk kepada **jumlah bayaran** yang dibayar oleh pelanggan-pelanggan. Ia termasuk:

- (a) harga jualan;
- (b) caj-caj pinjaman kewangan, pengiriman dan pemasangan, jika perkhidmatan ini diberikan oleh pertubuhan yang diliputi.

7. KUASA PERUNDANGAN

Maklumat yang dikumpul adalah mengikut peruntukan **Akta Perangkaan 1965 (Disemak 1989)**. Seksyen 5 di bawah Akta ini menghendaki mana-mana pertubuhan yang beroperasi di Malaysia untuk memberikan maklumat sebenar atau anggaran terbaik kepada Jabatan. Mengikut Akta ini, kandungan soal selidik adalah **sulit** dan hanya angka agregat diterbitkan. Sementara itu, Seksyen 7 di bawah Akta yang sama memperuntukkan denda kepada responden yang gagal memberi kerjasama kepada survei yang dijalankan.

8. POLISI PINDAAN

Pindaan hanya akan dibuat ke atas angka yang telah diterbitkan bagi bulan sebelumnya sekiranya terdapat sebarang perubahan berdasarkan kepada data terkini yang diperolehi.

9. METODOLOGI

9.1. Populasi

Semua pertubuhan meliputi 179 industri (5 digit) berasaskan kod Piawaian Klasifikasi Industri Malaysia 2008 Ver 1.0.

9.2. Rangka pensampelan

Berdasarkan populasi yang telah dikenal pasti, pertubuhan yang beroperasi seperti pada Disember 2018 disenaraikan sebagai rangka pensampelan.

NOTA TEKNIKAL

9.3. Reka bentuk pensampelan

Reka bentuk pensampelan bagi survei ini adalah pensampelan rawak strata satu peringkat. Kategori industri di peringkat nasional telah diklasifikasikan sebagai strata manakala pertubuhan sebagai unit pensampelan.

Setiap strata (industri) telah dibentuk kepada empat substrata untuk memastikan sampel yang diagihkan mengambil kira ciri-ciri ekonomi industri tersebut. Substrata utama bersifat heterogen diliputi secara liputan penuh. Manakala, sub strata selainnya bersifat homogen, disampelkan.

Substrata utama meliputi pertubuhan kategori besar yang mempunyai hasil yang signifikan dalam industri liputan manakala bagi substrata kedua hingga keempat dibentuk berdasarkan Kaedah *Cumulative Square Root Frequency*. Kaedah ini membentuk sempadan bagi setiap substrata.

9.4. Saiz sampel

Statistik utama yang digunakan untuk penganggaran saiz sampel adalah jumlah hasil. Formula yang digunakan dalam penganggaran saiz sampel bagi strata adalah seperti berikut:

di mana;

n	=	Saiz sampel
N_i	=	Saiz populasi bagi strata i
S_i^2	=	Varian bagi strata i
V	=	Varian sasaran

$$V = RSE^2 \cdot \left(\frac{\hat{Y}_i}{Z} \right)^2$$

di mana;

$\hat{Y}_i$	=	Jumlah nilai hasil bagi strata i
RSE	=	Ralat piawai relatif
Z	=	Nilai aras keyakinan

NOTA TEKNIKAL

Sampel akan diagihkan kepada sub strata dalam industri liputan dengan menggunakan kaedah *Neyman Allocation* seperti berikut:

$$n_{hi} = \left(\frac{N_h S_h}{\sum N_h S_h} \right) n_i'$$

$$h = 2, 3 \text{ dan } 4$$

$$i = 1, 2, \dots, k$$

di mana;

$$n_{hi} = \text{Saiz sampel bagi substrata } h \text{ dalam strata } i$$

$$N_h = \text{Saiz populasi bagi substrata } h$$

$$S_h = \text{Sisihan piawai bagi substrata } h$$

$$n_i = \text{Saiz sampel bagi strata } i$$

$$h = \text{Substrata}$$

$$i = \text{Strata}$$

Pertubuhan kategori besar diliputi sepenuhnya, manakala pertubuhan bagi substrata kedua hingga keempat dipilih secara rawak mengikut kaedah pensampelan bersistematik.

9.5. Wajaran

Analisis berwajaran disediakan menggunakan wajaran bagi memastikan sampel yang dipilih dapat menggambarkan populasi survei. Wajaran yang diperlukan adalah wajaran di peringkat reka bentuk pensampelan dan wajaran tiada respons.

Wajaran reka bentuk pensampelan bagi pertubuhan pada strata h adalah seperti berikut:

$$W_h = \frac{N_h}{n_h}$$

di mana,

$$N_h = \text{Jumlah populasi substrata } h; \text{ dan}$$

$$n_h = \text{Jumlah sampel substratum } h$$

NOTA TEKNIKAL

Wajaran tiada respons pada substrata h adalah seperti berikut :

$$NRW_h = \frac{1}{n'_h/n_h}$$

$$, \quad h = 1, \dots, 4$$

di mana;

$$n'_h = \text{Bilangan sampel respons bagi substrata } h$$

$$n_h = \text{Bilangan sampel bagi substrata } h$$

Kaedah pengiraan wajaran reka bentuk pensampelan selepas survei (*adjusted weight*) pada substrata h seperti berikut:

$$W'_h = W_h \times NRW_h, \quad h = 1, \dots, 4$$

di mana;

$$W_h = \text{Wajaran reka bentuk pensampelan pada substrata } h$$

$$NRW_h = \text{Wajaran tiada respons pada substrata } h$$

TECHNICAL NOTES

1. INTRODUCTION

The data for this publication was collected through the Monthly Survey of Distributive Trade which comprise of the Wholesale & Retail Trade sector started in the January 2014;

The data in this publication was presented commenced from 2018 for sales value. While, the volume index starts in January 2015 using 2015 as the base year (2015=100).

2. OBJECTIVES

This publication presents information on sales value in Wholesale & Retail Trade sector. The main objectives of this survey are to:

- Provide short term indicators of Wholesale & Retail Trade sector;*
- Provide input towards the compilation of Monthly Index of Wholesale & Retail Trade sector;*
- Provide information for the compilation of Quarterly Gross Domestic Product; and*
- Assist the government and other organisation as well as business community in planning and decision making.*

3. SCOPE AND COVERAGE

The surveys cover all registered establishments of the relevant regulatory bodies engaged in the Wholesale & Retail Trade.

4. CONCEPTS AND DEFINITIONS

The classification of the industry is based on the Malaysia Standard Industrial Classification 2008 Ver. 1.0. The classification conforms to the International Standard Industrial Classification of All Economic Activities, Revision 4, United Nations Statistics Division. Meanwhile, the concepts of wholesale and retail trade adopted in this publication is based on recommendation in the Manual of International Recommendations for Distributive Trade Statistics 2008 (IRDTs 2008) published by the United Nations Statistics Division. The definition of industries are as follows:

TECHNICAL NOTES

4.1 Wholesale and Retail Trade

4.1.1 Wholesale Trade

Refers to the resale (sale without transformation) of new and used goods to retailers; industrial, commercial, institutional or professional users; or to other wholesalers; or selling merchandise to, such persons or companies.

Wholesalers frequently physically assemble, sort and grade goods in large lots; break bulk, repack and bottle (except in air-tight containers) and redistribute in smaller lots; store, refrigerate, deliver and install goods as well as engage in sales promotion for customers and label design.

4.1.2 Retail Trade

Refers to the resale (sale without transformation) of new and used goods to the general public for personal or household consumption or utilisation.

4.1.3 Motor Vehicles

Refers to 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 as well as commission agents.

4.2 Index Volume of Wholesale and Retail Trade

4.2.1 Type of Volume Index

The Volume Index of Wholesale & Retail Trade measured in the reference period as compared to the base period, (2015=100).

5. REPORTING UNIT

*The reporting unit is an **establishment**. An establishment is defined as "an economic unit that engaged in one activity, under a single legal entity and operating in a single physical location". Each establishment was assigned an industry classification based on its principal activity and not by its parent company.*

TECHNICAL NOTES

6. SALES VALUE

This definition is an applicable to Wholesale and Retail Trade.

Sales value refer to:

- (a) the value of all **goods**, for which ownership or effective right to use with a view to ultimate purchase, has been transferred to others; and
- (b) the value of **services** rendered during the inquiry period, irrespective of time or method of payment.

The sales value in this survey refers to the **total sum paid** by the customers. It includes:

- (a) sales price;
- (b) financing, delivery and installation charges, if these services are rendered by the establishment enumerated.

7. CONFIDENTIALITY REQUIREMENTS

The information is gathered under the provisions of the **Statistics Act 1965 (Revised 1989)**. Section 5 of this Act requires all establishments services operating in Malaysia to provide actual information or best estimates to the Department. The Act stipulates that the content of individual returns are **confidential** and only aggregated figures are published. Meanwhile, Section 7 under the same Act provides the penalty to the respondents that could not comply with the surveys undertaken.

8. REVISIONS POLICY

Revisions will only be made to the published figures for the previous month if there are any changes based on the latest available data.

9 METHODOLOGY

9.1. Population

All establishments encompass of 179 industries (5 digits) based on Malaysia Standard Industrial Classification 2008 Ver 1.0.

9.2. Sampling frame

From the identified population, establishments that are still operating as at December 2018 were listed as sampling frame.

TECHNICAL NOTES

9.3. Sampling design

Sampling design of the survey is a one-stage stratified random sampling. Industries at national level have been classified as stratum and the establishment as the sampling unit.

Each stratum (industry) has been set up into four sub stratum to ensure the sample is distributed taking into account the economy characteristics of the industry. The main substratum is heterogeneous, was fully covered while other sub stratum that is homogeneous were sampled.

Main substratum comprise large establishments that have significant total revenue in the industry while for the second to fourth substratum were formed based on Cumulative Frequency Square Root Method. This method forms the boundaries, for each substratum.

9.4. Sample size

The main statistics used to estimate the sample size is the total revenue. The formula used in the estimation of the sample size for a stratum is as follows:

$$n = \frac{(\sum N_i S_i)^2}{V + \sum N_i S_i^2}$$

where;

n	=	Sample size
N_i	=	Population size for stratum i
S_i^2	=	Variance for stratum i
V	=	Desired variance

$$V = RSE^2 \cdot \left(\frac{\hat{Y}_i}{Z} \right)^2$$

where;

$\hat{Y}_i$	=	Estimated total revenue for stratum i
RSE	=	Relative standard error
Z	=	Value of confidence level

TECHNICAL NOTES

Sample is distributed to substratum of the industry using Neyman Allocation Method as follows:

$$n_{hi} = \left(\frac{N_h S_h}{\sum N_h S_h} \right) n_i$$

$$h = 2, 3 \text{ and } 4$$

$$i = 1, 2, \dots, k$$

where;

$$n_{hi} = \text{Sample size for substratum } h \text{ of stratum } i$$

$$N_h = \text{Population size for substratum } h$$

$$S_h = \text{Standard deviation for substratum } h$$

$$n_j = \text{Sample size for stratum } i$$

$$h = \text{Substratum}$$

$$j = \text{Stratum}$$

Establishments of the large categories were fully covered while establishments of the second to fourth substratum were randomly selected using systematic random sampling.

9.5. Weight

Weighted analysis is done using sampling weight to ensure that the selected sample can reflect population survey. The weights required are the sampling design weight and non-response weight.

The sampling design weight for the establishment at stratum h is as follows:

$$W_h = \frac{N_h}{n_h}$$

where,

$$N_h = \text{Total population of substratum } h; \text{ and}$$

$$n_h = \text{Total sample of substratum } h$$

TECHNICAL NOTES

Weight for non response at sub stratum h as below:

$$NRW_h = \frac{1}{n'_h / n_h}$$

$$, \quad h = 1, \dots, 4$$

where;

$$n'_h = \text{Number of response sampel for substratum } h; \text{ and}$$

$$n_h = \text{Number of sampel for substratum } h$$

The method of calculating the sampling design weight after the survey (adjusted weight) on substratum has below:

$$W'_h = W_h \times NRW_h, \quad h = 1, \dots, 4$$

where,

$$W_h = \text{Sampling design weight at substratum } h$$

$$NRW_h = \text{Non response weight at substratum } h$$

LAMPIRAN

APPENDIX

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LAMPIRAN / APPENDIX

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

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

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Perdagangan Borong <i>Wholesale Trade</i>			
BAHAGIAN <i>DIVISION</i>	KUMPULAN <i>GROUP</i>	PERKARA <i>ITEM</i>	KETERANGAN <i>DESCRIPTION</i>
		46326	Jualan borong bir, wain dan spirit <i>Wholesale of beer, wine and spirits</i>
		46327	Jualan borong tembakau, cerut, rokok <i>Wholesale of tobacco, cigar, cigarettes</i>
		46329	Jualan borong bahan makanan lain <i>Wholesale of other foodstuffs</i>
	464		Jualan borong barangan isi rumah <i>Wholesale of household goods</i>
		46411	Jualan borong benang dan fabrik <i>Wholesale of yarn and fabrics</i>
		46412	Jualan borong linen, tuala dan selimut isi rumah <i>Wholesale of household linen, towels, blankets</i>
		46413	Jualan borong pakaian <i>Wholesale of clothing</i>
		46414	Jualan borong aksesori pakaian <i>Wholesale of clothing accessories</i>
		46415	Jualan borong pakaian daripada bulu binatang <i>Wholesale of fur articles</i>
		46416	Jualan borong kasut <i>Wholesale of footwear</i>
		46417	Jualan borong bahan jahitan <i>Wholesale of haberdashery</i>
		46419	Jualan borong tekstil, pakaian, t.t.t.l <i>Wholesale of textiles, clothing n.e.c</i>
		46421	Jualan borong barangan farmaseutikal dan perubatan <i>Wholesale of pharmaceutical and medical goods</i>
		46422	Jualan borong pewangi, kosmetik, sabun dan kelengkapan dandanan diri <i>Wholesale of perfumeries, cosmetics, soap and toiletries</i>
		46431	Jualan borong basikal dan komponen (termasuk alat ganti) dan aksesori <i>Wholesale of bicycles and their parts and accessories</i>
		46432	Jualan borong barangan fotografi dan optic <i>Wholesale of photographic and optical goods</i>
		46433	Jualan borong barangan kulit dan aksesori kembara <i>Wholesale of leather goods and travel accessories</i>
		46434	Jualan borong peralatan muzik, permainan dan barang mainan, barangan sukan <i>Wholesale of musical instruments, games and toys, sports goods</i>
		46441	Jualan borong kraftangan dan bunga tiruan <i>Wholesale of handicrafts and artificial flowers</i>
		46442	Jualan borong bunga keratan dan tumbuhan <i>Wholesale of cut flowers and plants</i>

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Perdagangan Borong Wholesale Trade			
BAHAGIAN DIVISION	KUMPULAN GROUP	PERKARA ITEM	KETERANGAN DESCRIPTION
		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
		46497	Jualan borong alat tulis, buku, majalah dan surat khabar Wholesale of stationery, books, magazines and newspaper
		46499	Jualan borong lain-lain barangan isi rumah t.t.t.l Wholesale of other household goods n.e.c
	465		Jualan borong jentera, peralatan dan bekalan Wholesale of machinery, equipment and supplies
		46510	Jualan borong perkakasan komputer, perisian dan peranti Wholesale of computer hardware, software and peripherals
		46521	Jualan borong kelengkapan telefon dan telekomunikasi, telefon selular, alat kelui Wholesale of telephone and telecommunications equipment, cell phones, pagers
		46522	Jualan borong komponen elektronik dan aksesori pendawaian Wholesale of electronic components and wiring accessories
		46531	Jualan borong jentera, kelengkapan dan bekalan pertanian Wholesale of agricultural machinery, equipment and supplies
		46532	Jualan borong jentera pemotong rumput sebarang cara operasi Wholesale of lawn movers howewer operated
		46591	Jualan borong mesin pejabat dan kelengkapan perniagaan, kecuali computer dan kelengkapan peranti komputer (peripheral) Wholesale of office machinery and business equipment, except computers and computer peripheral equipment
		46592	Jualan borong perabot pejabat Wholesale of office furniture
		46593	Jualan borong peralatan mesin berkawalan computer Wholesale of computer-controlled machines tools
		46594	Jualan borong jentera, kelengkapan dan bekalan perindustrian Wholesale of industrial machinery, equipment and supplies

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Perdagangan Borong Wholesale Trade			
BAHAGIAN DIVISION	KUMPULAN GROUP	PERKARA ITEM	KETERANGAN DESCRIPTION
		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>
		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>
		46635	Jualan borong pemanas air <i>Wholesale of hot water heaters</i>
		46636	Jualan borong pemasangan dan peralatan kebersihan <i>Wholesale of sanitary installation and equipment</i>
		46637	Jualan borong alatan <i>Wholesale of tools</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>

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Perdagangan Borong			
Wholesale Trade			
BAHAGIAN	KUMPULAN	PERKARA	KETERANGAN
DIVISION	GROUP	ITEM	DESCRIPTION
		46694	Jualan borong sekerap getah <i>Wholesale of rubber scrap</i>
		46695	Jualan borong gentian tekstil <i>Wholesale of textile fibres</i>
		46696	Jual borong kertas secara pukal, bahan pembungkusan <i>Wholesale of paper in bulk, packaging materials</i>
		46697	Jual borong batu permata berharga <i>Wholesale of precious stones</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>
		46699	Meleraikan bahagian kenderaan, komputer, televisyen dan peralatan lain untuk mendapatkan bahagian yang boleh digunakan dan jual semula <i>Dismantling of automobiles, computer, televisions and other equipment to obtain and re-sell usable parts</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 f.t.t.l <i>Wholesale of variety of goods without any particular specialisation n.e.c</i>

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Perdagangan Runcit Retail Trade			
BAHAGIAN DIVISION	KUMPULAN GROUP	PERKARA ITEM	KETERANGAN DESCRIPTION
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>

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

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Perdagangan Runcit Retail Trade			
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>

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Perdagangan Runcit Retail Trade			
BAHAGIAN DIVISION	KUMPULAN GROUP	PERKARA ITEM	KETERANGAN DESCRIPTION
		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>

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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 Other retail sale of new goods in specialised stores n.e.c
		47741	Jualan runcit buku terpakai Retail sale of second-hand books
		47742	Jualan runcit barang elektrik dan elektronik terpakai Retail sale of second-hand electrical and electronic goods
		47743	Jualan runcit barang antik Retail sale of antiques
		47744	Aktiviti pusat lelongan (runcit) Activities of auctioning houses (retail)
		47749	Jualan runcit barangan terpakai t.t.t.l Retail sale of second-hand goods n.e.c
	478		Jualan runcit di gerai dan pasar Retail sale via stalls and markets
		47810	Jualan runcit makanan, minuman dan produk tembakau di gerai atau pasar Retail sale of food, beverages and tobacco products via stalls or markets
		47820	Jualan runcit tekstil, baju dan kasut di gerai atau pasar Retail sale of textiles, clothing and footwear via stalls or markets
		47891	Jualan runcit permaidani dan di gerai dan pasar Retail sale of carpets and rugs via stalls or markets
		47892	Jualan runcit buku di gerai atau pasar Retail sale of books via stalls or markets
		47893	Jualan runcit alat permainan dan barang mainan di gerai atau pasar Retail sale of games and toys via stalls or markets
		47894	Jualan runcit peralatan isi rumah dan barang elektronik di gerai atau pasar Retail sale of household appliances and consumer electronics via stall or markets
		47895	Jualan runcit rekod muzik dan video di gerai atau pasar Retail sale of music and video recordings via stall or markets

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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 (vending machine) <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>

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Kenderaan Bermotor <i>Motor Vehicles</i>			
BAHAGIAN <i>DIVISION</i>	KUMPULAN <i>GROUP</i>	PERKARA <i>ITEM</i>	KETERANGAN <i>DESCRIPTION</i>
45	451		Jualan kenderaan bermotor <i>Sale of motor vehicles</i>
		45101	Jualan borong dan runcit kenderaan bermotor baru <i>Wholesale and retail of new motor vehicles</i>
		45102	Jualan borong dan runcit kenderaan bermotor terpakai <i>Wholesale and retail of used motor vehicles</i>
		45103	Jualan kenderaan industri, komersial dan pertanian - baru <i>Sale of industrial, commercial and agriculture vehicles - new</i>
		45104	Jualan kenderaan 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 kenderaan bermotor t.t.t.l <i>Sale of other motor vehicles n.e.c</i>
	452		Penyelenggaraan dan pembaikan kenderaan bermotor <i>Maintenance and repair of motor vehicles</i>
		45201	Penyelenggaraan dan pembaikan kenderaan 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>
		45204	Pembaikan tempat duduk kenderaan bermotor <i>Repair of motor vehicle seats</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 kenderaan bermotor <i>Sale of motor vehicle parts and accessories</i>
		45300	Jualan borong dan runcit semua jenis komponen, alat ganti, bekalan, peralatan dan aksesori kenderaan bermotor <i>Wholesale and retail sale of all kinds of parts, components, supplies, tools and accessories for motor vehicles</i>

LAMPIRAN / APPENDIX

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

Kenderaan Bermotor <i>Motor Vehicles</i>			
BAHAGIAN <i>DIVISION</i>	KUMPULAN <i>GROUP</i>	PERKARA <i>ITEM</i>	KETERANGAN <i>DESCRIPTION</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>

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GLOSARI / GLOSSARY

Jualan Borong Berdasarkan Yuran atau Kontrak

Termasuk agen komisyen, broker komoditi dan semua pemborong lain yang berdagang bagi pihak dan dengan akaun orang lain, mereka yang menemukan penjual dan pembeli atau menjalankan transaksi komersil bagi pihak majikan. Termasuk juga aktiviti jual borong pusat lelongan.

Lain-lain Pengkhususan Jual Borong

Kumpulan ini termasuk aktiviti jual borong pengkhususan lain yang tidak terkelas dalam kumpulan lain. Ini juga termasuk jual borong produk perantara, kecuali pertanian, biasanya bukan untuk kegunaan isi rumah.

Jual Borong Tanpa Pengkhususan

Kumpulan ini termasuk jual borong pelbagai barangan tanpa sebarang pengkhususan tertentu.

Jualan Runcit di Stor Tanpa Pengkhususan

Kumpulan ini termasuk jualan runcit pelbagai keluaran produk dalam unit yang sama, seperti kedai runcit, pasar raya, pasar mini, kedai *convenience*, gedung serbaneka dan pasar raya besar.

Indeks Volum Nilai Jualan

Indeks volum bagi nilai jualan mengukur jualan dalam satu tempoh masa dalam bentuk volum (kuantiti yang dijual). Bagi mendapatkan volum nilai jualan, indeks nilai bagi jualan dibahagikan dengan Indeks Harga Pengguna dan Indeks Harga Pengeluar (yang mana berkenaan) untuk menyingkirkan pengaruh harga kepada nilai jualan.

Kadar Pertumbuhan Tahun-ke-Tahun (YoY)

Kadar pertumbuhan tahun-ke-tahun membandingkan satu tempoh (kebiasaannya satu bulan atau suku tahun) dengan tempoh sama tahun sebelumnya dengan mengukur peratus perubahan.

Wholesale on a fee or contract basis

Includes activities of commission agents, commodity brokers and all other wholesalers who trade on behalf and on the account of others, activities or those involved in bringing sellers and buyers together or undertaking commercial transactions on behalf of a principal. Also included are activities of wholesale auctioneering houses.

Other Specialised Wholesale

This group includes other specialized wholesale activities not classified in the other groups. This also includes wholesale of intermediate products, except agriculture, typically not for household use.

Non-Specialized Wholesale

This group includes the wholesale of a variety of goods without any particular specialization.

Retail Sales in Non-Specialised stores

This group includes the retail sale of a variety of product lines in the same unit, such as provision stores, supermarkets, mini markets, convenience stores, department stores and hypermarkets.

Volume Index of Sales

The volume of sales index measures the sales over time in volume terms (quantity sold). In order to determine the volume of sales index, the value of sales index is divided by the Consumer Price Index and Producer Price Index (where applicable) to allow removing price effects on turnover.

Year-on-Year Growth Rate (YoY)

Year-on-year growth rate compares a period (typically a month or quarter) with the same period from the previous year, measuring the percentage change.

GLOSARI / GLOSSARY

Kadar Pertumbuhan Bulan-ke-Bulan (MoM)

Kadar pertumbuhan bulan-ke-bulan membandingkan satu bulan dengan bulan sebelumnya dengan mengukur peratus perubahan.

Month-on-Month Growth Rate (MoM)

Month-on-month growth rate compares one month with the previous month, measuring the percentage change.

Pelarasan Musim

Pelarasan musim adalah satu proses untuk mengenalpasti dan menyingkirkan pola musim yang biasa berlaku dalam tempoh tertentu, yang mungkin juga merangkumi pengaruh dari kesan cuti yang bergerak dan hari bekerja/berdagang.

Seasonal Adjustment

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

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