



KEMENTERIAN EKONOMI
JABATAN PERANGKAAN MALAYSIA

ISSN 2976-355X



9 772976 355002

AES

STATISTIK EKONOMI TAHUNAN *Annual Economic Statistics*

2022

Perdagangan Borong & Runcit
Wholesale & Retail Trade

JABATAN PERANGKAAN MALAYSIA
DEPARTMENT OF STATISTICS MALAYSIA



KEMENTERIAN EKONOMI
JABATAN PERANGKAAN MALAYSIA

**STATISTIK EKONOMI TAHUNAN
PERDAGANGAN
BORONG & RUNCIT**
*ANNUAL ECONOMIC STATISTICS
WHOLESALE & RETAIL
TRADE*
2022

Pemakluman

Jabatan Perangkaan Malaysia (DOSM) akan menjalankan Banci Ekonomi pada tahun 2023. DOSM amat menghargai kerjasama daripada responden untuk memberikan maklumat kepada DOSM serta menjayakan banci ini. Sila layari www.dosm.gov.my untuk maklumat lanjut.

DOSM telah melancarkan OpenDOSM NextGen sebagai platform yang menyediakan katalog data dan visualisasi bagi memudahkan pengguna menganalisis pelbagai jenis data. Open DOSM NextGen ialah medium perkongsian data sumber terbuka dan boleh diakses melalui portal <https://open.dosm.gov.my>.

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

Announcement

The Department of Statistics Malaysia (DOSM) will conduct the Economic Census in 2023. DOSM greatly appreciates the cooperation from respondents to provide information with DOSM and make this census a success. Please visit www.dosm.gov.my for more information.

DOSM has launched OpenDOSM NextGen as a platform that provides a catalogue of data and visualisation that facilitates users in analysing various types of data. Open DOSM NextGen is an open source data sharing medium and accessible through <https://open.dosm.gov.my> portal.

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

JABATAN PERANGKAAN MALAYSIA
DEPARTMENT OF STATISTICS MALAYSIA

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

Jabatan Perangkaan Malaysia

Department of Statistics Malaysia

Blok C6, Kompleks C,

Pusat Pentadbiran Kerajaan Persekutuan,

62514 Putrajaya,

MALAYSIA

Tel. : 03-8885 7000

Faks : 03-8888 9248

Portal : <https://www.dosm.gov.my>

Facebook/ Twitter / Instagram / Youtube : StatsMalaysia

Emel / *Email* : info@dosm.gov.my (pertanyaan umum / *general enquiries*)

data@dosm.gov.my (pertanyaan & permintaan data/ *data request & enquiries*)

Harga / *Price*: RM25.00

Diterbitkan pada Mac 2023 / *Published in March 2023*

Hakcipta terpelihara. All rights reserved.

Tiada bahagian daripada terbitan ini boleh diterbitkan semula, disimpan untuk pengeluaran atau ditukar dalam apa-apa bentuk atau alat apa jua pun kecuali setelah mendapat kebenaran daripada Jabatan Perangkaan Malaysia.

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

“Sumber: Jabatan Perangkaan Malaysia.”

No part of this publication may be reproduced or distributed in any form or by any means or stored in database without the prior written permission from Department of Statistics Malaysia.

Users reproducing content of this publication with or without adaptation should quote the following:

“Source: Department of Statistics Malaysia.”

ISSN 2976-355X

KATA PENGANTAR

Penerbitan Statistik Ekonomi Tahunan (AES), Perdagangan Borong & Runcit 2022 bagi sektor perkhidmatan memaparkan statistik utama hasil daripada Survei Ekonomi Tahunan 2022 bagi tahun rujukan 2021. Perdagangan Borong & Runcit meliputi Perdagangan Borong, Perdagangan Runcit dan Kenderaan Bermotor. Klasifikasi Industri yang digunakan adalah merujuk Piawain Klasifikasi Industri Malaysia (MSIC) 2008 Versi 1.0, selaras dengan *International Standard Industrial Classification of All Economic Activities (ISIC), Rev 4*.

Statistik yang dilaporkan dalam penerbitan ini adalah nilai output kasar, nilai input perantaraan, nilai ditambah, bilangan pekerja, gaji & upah dan nilai harta tetap. Statistik ini boleh digunakan sebagai sumber rujukan oleh kerajaan, ahli ekonomi, ahli akademik, pihak swasta serta individu.

Penerbitan ini mengandungi tiga bahagian utama. Bahagian pertama membentangkan infografik, ringkasan penemuan utama. Bahagian kedua memuatkan jadual terperinci, manakala di bahagian ketiga menerangkan aspek teknikal bagi skop & liputan, konsep & definisi untuk memudahkan pengguna memahami statistik yang diterbitkan.

Jabatan Perangkaan Malaysia merakamkan setinggi-tinggi penghargaan atas kerjasama dan sumbangan yang diberikan oleh semua pihak dalam menjayakan survei ini. Setiap maklum balas dan cadangan untuk penambahbaikan penerbitan ini pada masa akan datang amatlah dihargai.

DATO' SRI DR. MOHD UZIR MAHIDIN
Ketua Perangkawan Malaysia

Mac 2023

PREFACE

The Annual Economic Statistics (AES) Wholesale & Retail Trade 2022 presents statistics for the services sector resulted from the Annual Economic Survey 2022 for reference year 2021. Wholesale & Retail Trade sector encompass Wholesale Trade, Retail Trade and Motor Vehicles. The classified industries refer to Malaysia Standard Industrial Classification (MSIC) 2008 Ver. 1.0, in accordance with the International Standard Industrial Classification of All Economic Activities (ISIC), Rev. 4.

Statistics reported in this publication are value of gross output, intermediate input, value added, numbers of persons engaged, salaries & wages and value of fixed assets. These statistics can be used as a source of reference by government agencies, economists, academicians, private sectors and individuals.

This publication is divided into three main parts. The first part displays the infographic, and main summary of findings. The second part shows the detailed statistical table, meanwhile the third part describes technical aspects on scope & coverage and concepts & definitions to assist users in understanding the published statistics.

The Department gratefully acknowledges the cooperation of all parties who have provided the required data and contributed to the success of this publication. Any feedback and suggestion towards improving this publication in future is highly appreciated.

DATO' SRI DR. MOHD UZIR MAHIDIN

Chief Statistician Malaysia

March 2023

Muka surat ini sengaja dibiarkan kosong
This page is deliberately left blank



BAHAGIAN 1

PART 1

PENEMUAN UTAMA & RINGKASAN PENEMUAN

MAIN FINDINGS & SUMMARY OF FINDINGS

Muka surat ini sengaja dibiarkan kosong
This page is deliberately left blank



KEMENTERIAN EKONOMI
JABATAN PERANGKAAAN MALAYSIA

BANI 23
BANCI EKONOMI 2023
DATA PEMANGKIN EKONOMI NEGARA



StatsMalaysia
www.dasm.gov.my



**MALAYSIA
MADANI**

AEIS 2022

STATISTIK EKONOMI TAHUNAN, 2022 PERDAGANGAN BORONG & RUNCIT

PENEMUAN UTAMA

Nilai Output Kasar

2021: RM406.9 bilion
2020: RM387.0 bilion
▲ 5.2%



Nilai Input Perantara

2021: RM151.4 bilion
2020: RM145.1 bilion
▲ 4.3%



Nilai Ditambah

2021: RM255.5 bilion
2020: RM241.9 bilion
▲ 5.7%



Bilangan Pekerja

2021: 2,151,997 orang
2020: 2,092,940 orang
▲ 2.8%



Gaji dan Upah Dibayar

2021: RM70.1 bilion
2020: RM68.0 bilion
▲ 3.0%



Nilai Harta Tetap

2021: RM140.2 bilion
2020: RM132.7 bilion
▲ 5.7%



▲ Perubahan peratusan (%): Tahun ke tahun



ANNUAL ECONOMIC STATISTICS, 2022 WHOLESALE & RETAIL TRADE

MAIN FINDINGS

Value of Gross Output

2021: RM406.9 billion
2020: RM387.0 billion
▲ 5.2%



Value of Intermediate Input

2021: RM151.4 billion
2020: RM 145.1 billion
▲ 4.3%



Value Added

2021: RM255.5 billion
2020: RM241.9 billion
▲ 5.7%



Number of Persons Engaged

2021: 2,151,997 persons
2020: 2,092,940 persons
▲ 2.8%



Salaries & Wages Paid

2021: RM70.1 billion
2020: RM68.0 billion
▲ 3.0%



Value of Fixed Assets

2021: RM140.2 billion
2020: RM132.7 billion
▲ 5.7%



▲ Percentage change (%): Year-on-Year

RINGKASAN PENEMUAN

1. PENGENALAN

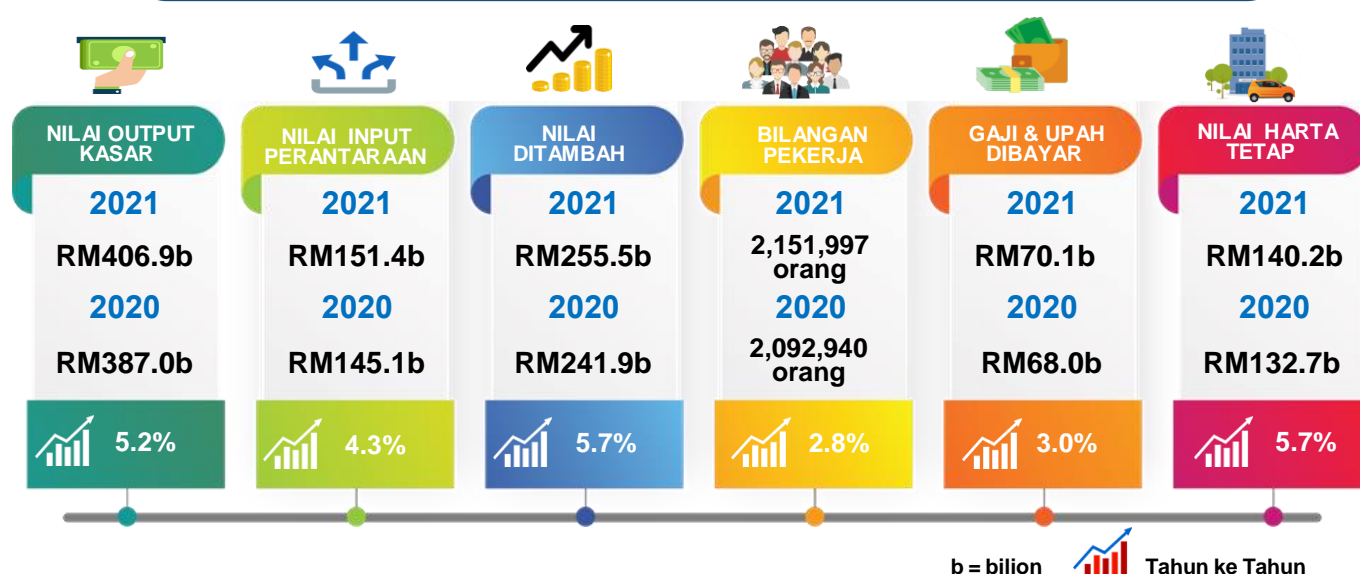
Penerbitan ini memaparkan statistik bagi Perdagangan Borong & Runcit hasil daripada Survei Ekonomi Tahunan 2022 bagi tahun rujukan 2021. Perdagangan Borong & Runcit merangkumi Perdagangan Borong, Perdagangan Runcit dan Kenderaan Bermotor. Statistik utama seperti nilai output kasar, nilai input perantaraan, nilai ditambah, bilangan pekerja, gaji & upah yang dibayar dan nilai harta tetap yang dimiliki turut dipaparkan dalam penerbitan ini.

2. PRESTASI PERDAGANGAN BORONG & RUNCIT

Perdagangan Borong & Runcit mencatatkan nilai output kasar sebanyak RM406.9 bilion pada tahun 2021 berbanding RM387.0 bilion pada tahun 2020, dengan kadar pertumbuhan tahunan sebanyak 5.2 peratus. Selaras dengan pertumbuhan nilai output kasar, nilai input perantaraan meningkat 4.3 peratus kepada RM151.4 bilion (2020: RM145.1 bilion). Seterusnya, nilai ditambah subsektor ini turut merekodkan peningkatan 5.7 peratus kepada RM255.5 bilion berbanding RM241.9 bilion pada tahun 2020.

Bilangan pekerja dalam sektor ini merekodkan peningkatan 2.8 peratus kepada 2,151,997 orang berbanding 2,092,940 orang pada tahun 2020. Sementara itu, gaji & upah dibayar pada tahun 2021 adalah sebanyak RM70.1 bilion, meningkat 3.0 peratus berbanding RM68.0 bilion pada tahun 2020, dan nilai harta pula mencecah RM140.2 bilion (2020: RM132.7 bilion), meningkat 5.7 peratus seperti yang ditunjukkan di **Paparan 1**.

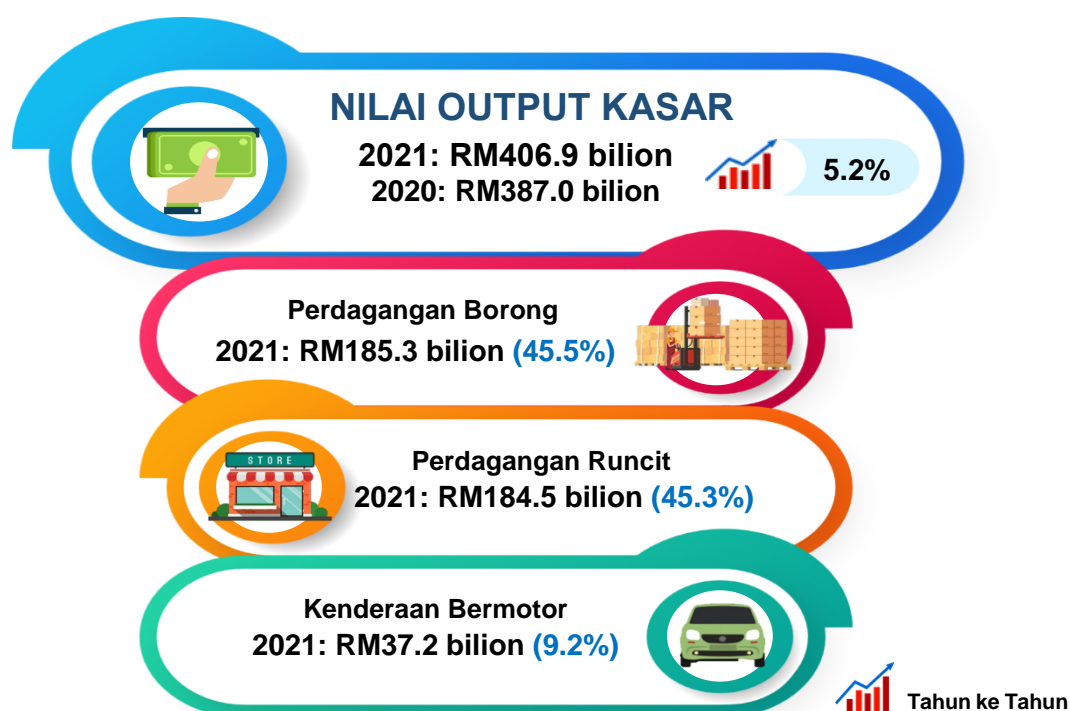
Paparan 1: Statistik Utama bagi Sektor Perdagangan Borong & Runcit, 2020 dan 2021



3. NILAI OUTPUT KASAR

Penyumbang terbesar nilai output kasar bagi Perdagangan Borong & Runcit pada tahun 2021 adalah subsektor Perdagangan Borong berjumlah RM185.3 bilion dengan sumbangan sebanyak 45.5 peratus. Ini diikuti dengan subsektor Perdagangan Runcit sebanyak RM184.5 bilion (45.3%) dan subsektor Kenderaan Bermotor sebanyak RM37.2 bilion (9.2%) seperti yang ditunjukkan dalam **Paparan 2**.

Paparan 2: Nilai Output Kasar bagi Perdagangan Borong & Runcit mengikut Subsektor, 2021



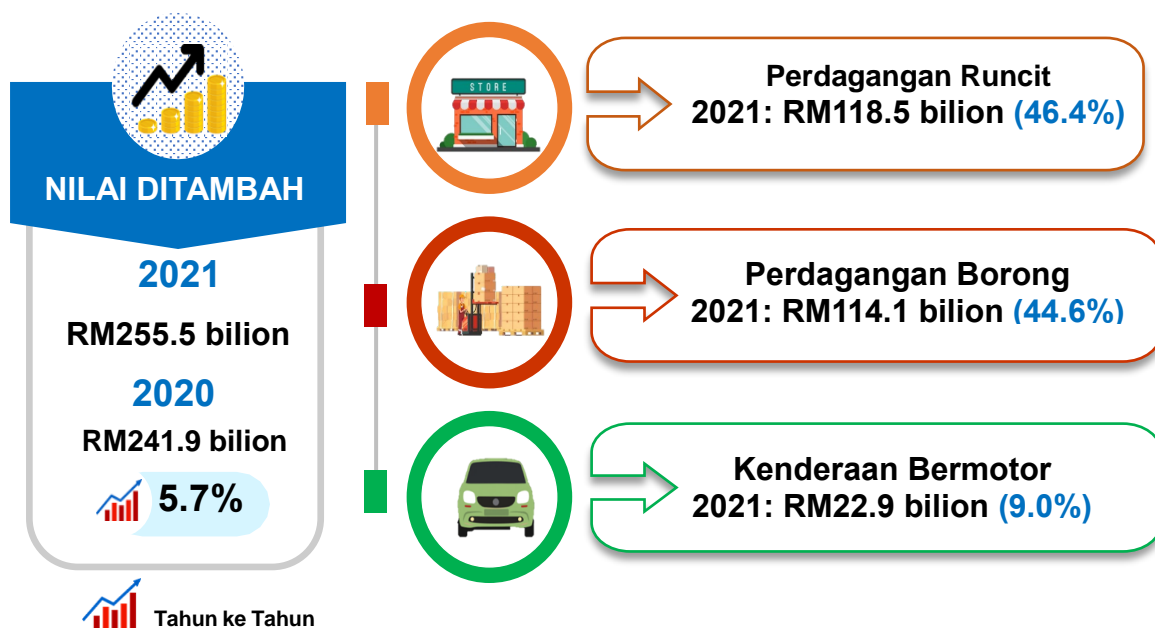
3.1 NILAI OUTPUT KASAR MENGIKUT NEGERI

W.P. Kuala Lumpur mencatatkan nilai output kasar tertinggi iaitu RM137.8 bilion pada tahun 2021, dengan sumbangan sebanyak 33.9 peratus. Ini diikuti oleh Selangor dan Johor dengan nilai output kasar masing-masing sebanyak RM128.7 bilion (31.6%) dan RM27.7 bilion (6.8%). Nilai output kasar bagi ketiga-tiga negeri ini adalah RM294.2 bilion (72.3%).

4. NILAI DITAMBAH

Paparan 3 menunjukkan nilai ditambah bagi Perdagangan Borong & Runcit pada tahun 2021 sebanyak RM255.5 bilion, dengan kadar pertumbuhan tahunan sebanyak 5.7 peratus berbanding RM241.9 bilion pada tahun 2020. Perdagangan Runcit merekodkan nilai ditambah tertinggi pada tahun 2021 sebanyak RM118.5 bilion (46.4%). Ini diikuti dengan Perdagangan Borong sebanyak RM114.1 bilion (44.6%) dan Kenderaan Bermotor sebanyak RM22.9 bilion (9.0%).

Paparan 3: Nilai Ditambah bagi Perdagangan Borong & Runcit mengikut Subsektor, 2021



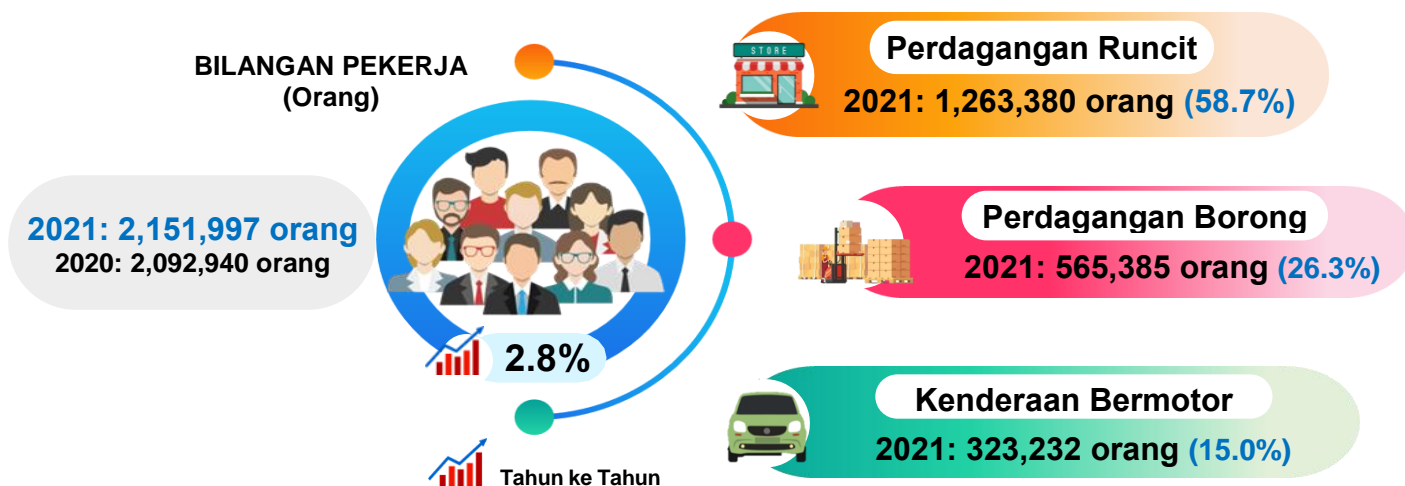
4.1 NILAI DITAMBAH MENGIKUT NEGERI

Nilai ditambah mengikut negeri pada tahun 2021 menunjukkan tiga negeri, iaitu W.P. Kuala Lumpur, Selangor dan Johor merupakan penyumbang utama kepada nilai ditambah bagi Perdagangan Borong & Runcit. W.P. Kuala Lumpur merekodkan nilai ditambah tertinggi iaitu RM87.0 bilion dengan sumbangan sebanyak 34.1 peratus, diikuti dengan Selangor sebanyak RM82.4 bilion (32.2%) dan Johor sebanyak RM16.4 bilion (6.4%). Sumbangan nilai ditambah bagi ketiga-tiga negeri ini bagi Perdagangan Borong & Runcit adalah RM185.8 bilion (72.7%).

5. BILANGAN PEKERJA DAN KATEGORI PEKERJA

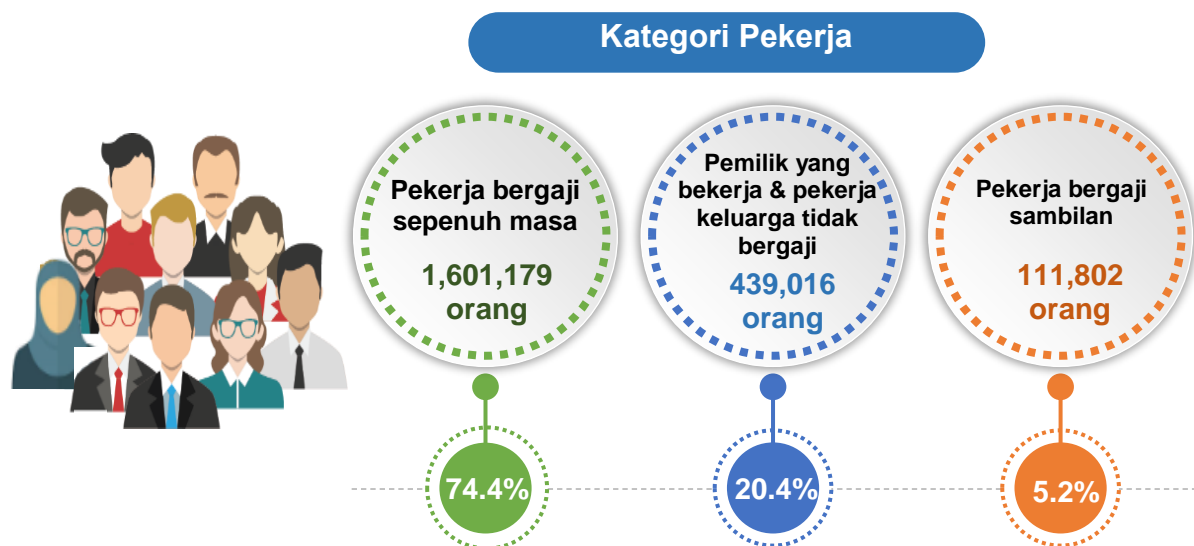
Bilangan pekerja pada tahun 2021 berjumlah 2,151,997 orang, meningkat sebanyak 2.8 peratus berbanding 2,092,940 orang pada tahun 2020. Subsektor Perdagangan Runcit merekodkan bilangan pekerja tertinggi iaitu 1,263,380 orang atau 58.7 peratus, diikuti dengan subsektor Perdagangan Borong dengan 565,385 orang atau 26.3 peratus dan subsektor Kenderaan Bermotor sebanyak 323,232 orang atau 15.0 peratus seperti yang ditunjukkan di **Paparan 4**.

Paparan 4: Bilangan Pekerja Perdagangan Borong & Runcit mengikut Subsektor, 2021



Pekerja bergaji sepenuh masa merekodkan 1,601,179 orang dengan sumbangan sebanyak 74.4 peratus. Sementara itu, pemilik yang bekerja & pekerja keluarga tidak bergaji dan pekerja sambilan masing-masing mencatatkan 439,016 orang (20.4%) dan 111,802 orang (5.2%) seperti yang ditunjukkan di **Paparan 5**. Daripada jumlah keseluruhan pekerja bergaji sepenuh masa, kategori perkeranian dan pekerjaan yang berkaitan merekodkan bilangan pekerja tertinggi sebanyak 923,966 orang atau 57.7 peratus, diikuti oleh pekerja asas sebanyak 444,521 orang (27.8%) dan pengurus, profesional dan penyelidik sebanyak 167,958 orang (10.5%).

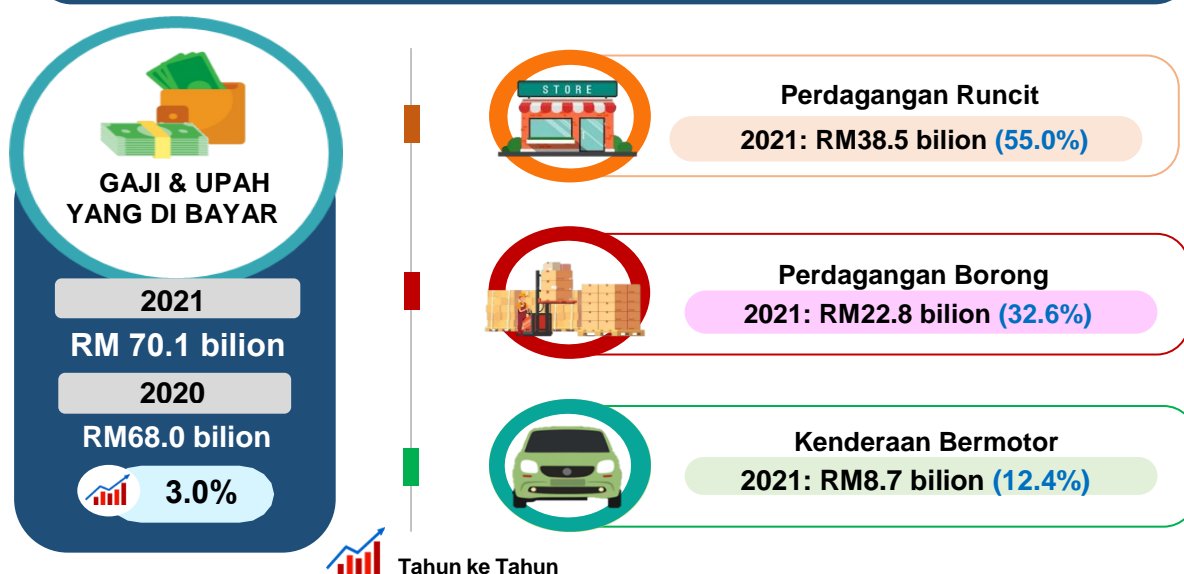
Paparan 5: Bilangan Pekerja bagi Perkhidmatan Perdagangan Borong & Runcit Mengikut Kategori Pekerja, 2021



6. GAJI & UPAH YANG DIBAYAR

Jumlah gaji & upah yang dibayar dalam Perdagangan Borong & Runcit pada tahun 2021 berjumlah RM70.1 bilion, meningkat 3.0 peratus berbanding RM68.0 bilion pada tahun 2020. Subsektor Perdagangan Runcit merekodkan gaji & upah yang dibayar tertinggi iaitu RM38.5 bilion atau 55.0 peratus daripada keseluruhan gaji & upah yang dibayar. Ini diikuti oleh subsektor Perdagangan Borong sebanyak RM22.8 bilion (32.6%) dan subsektor Kenderaan Bermotor sebanyak RM8.7 bilion (12.4%) seperti di **Paparan 6**. Secara purata, gaji dan upah yang dibayar dalam Perdagangan Borong & Runcit adalah sebanyak RM2,714 sebulan.

Paparan 6: Gaji & Upah bagi Perdagangan Borong & Runcit mengikut Subsektor, 2021



SUMMARY OF FINDINGS

1. INTRODUCTION

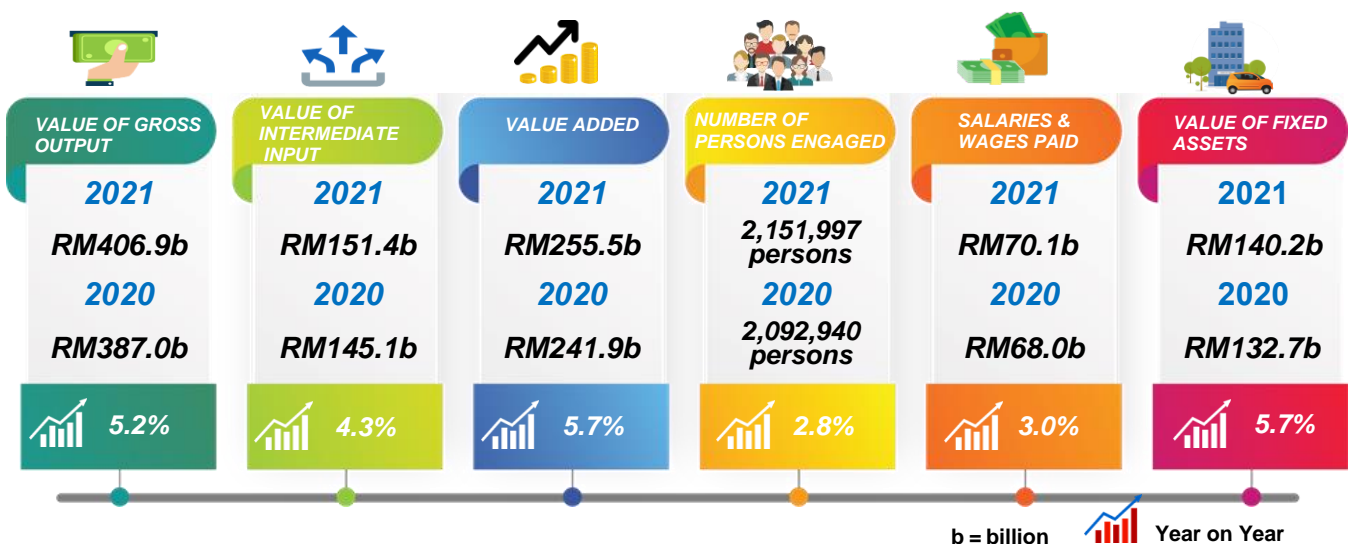
This publication presents statistics on Wholesale & Retail Trade sector resulted from the Annual Economic Survey 2022 for reference year 2021. The Wholesale & Retail Trade sector comprises Wholesale Trade, Retail Trade and Motor Vehicle. The main statistics such as the value of gross output, value of intermediate input, value added, number of persons engaged, salaries & wages paid as well as value of fixed assets owned are also presented in this publication.

2. PERFORMANCE OF WHOLESALE & RETAIL TRADE

Wholesale & Retail Trade recorded gross output value of RM406.9 billion in 2021 as compared to RM387.0 billion in 2020, with an annual growth rate of 5.2 per cent. In line with the growth in gross output, the value of intermediate input recorded an increase of 4.3 percent to RM151.4 billion (2020: RM145.1 billion). The value added of this subsector also recorded an increase of 5.7 percent to RM255.5 billion as compared to RM241.9 billion in 2020.

The number of persons engaged in this sector recorded an increase of 2.8 per cent to 2,151,997 persons as compared to 2,092,940 persons in 2021. Meanwhile, the salaries & wages paid in 2021 amounted to RM70.1 billion, an increase of 3.0 per cent compared to RM68.0 billion in 2020, and value of fixed assets amounted to RM140.2 billion (2020: RM132.7 billion), an increase of 5.7 per cent as shown in **Exhibit 1**.

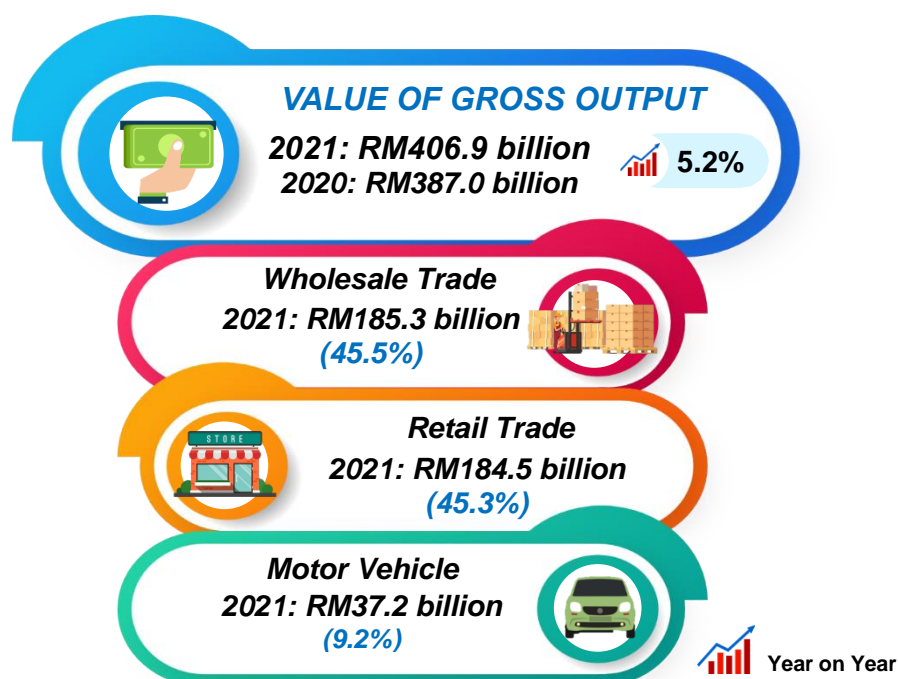
Exhibit 1: Principle Statistics of Wholesale & Retail Trade Sector, 2020 and 2021



3. VALUE OF GROSS OUTPUT

The main contributor for value of gross output for Wholesale & Retail Trade sector in 2021 was Wholesale Trade sub-sector which amounted to RM185.3 billion with a share of 45.5 per cent. This was followed by Retail Trade sub-sector of RM184.5 billion (45.3%) and Motor Vehicle sub-sector with RM37.2 billion (9.2%) as shown in in **Exhibit 2**.

Exhibit 2: Value of Gross Output for Wholesale & Retail Trade by Sub-sector, 2021

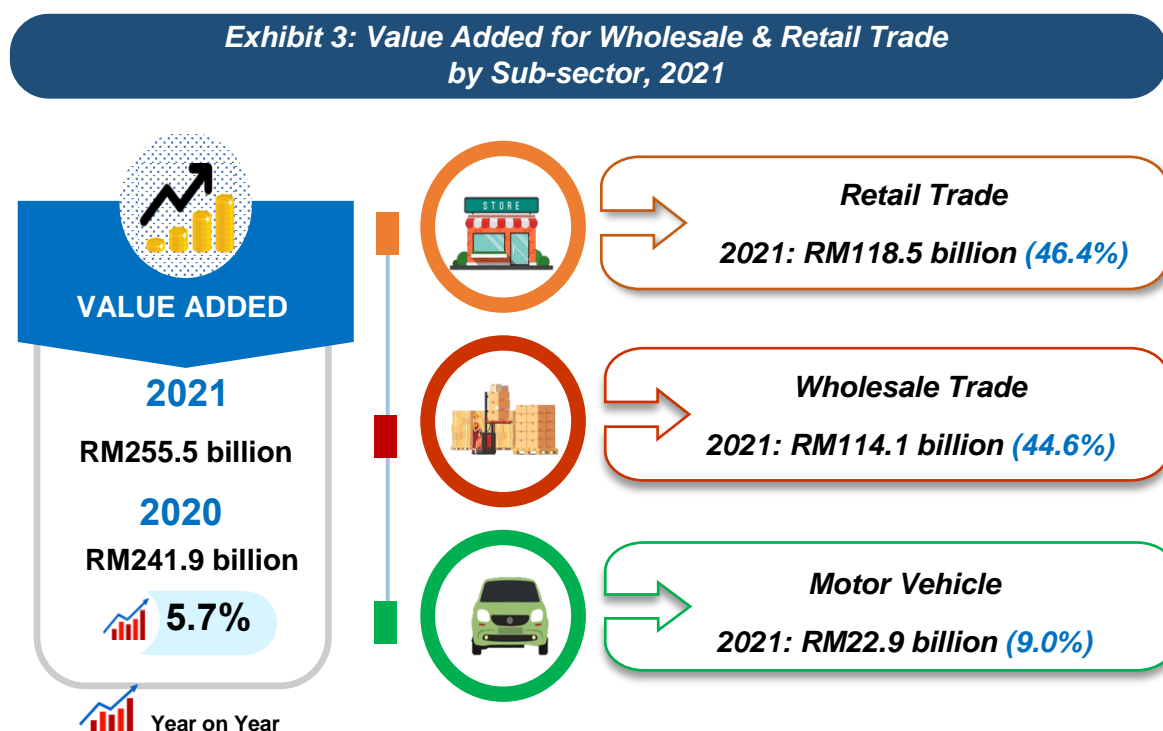


3.1 VALUE OF GROSS OUTPUT BY STATE

W. P. Kuala Lumpur recorded the highest gross output value of RM137.8 billion in 2021, representing a total share of 33.9 per cent. This was followed by Selangor and Johor with the gross output value of RM128.7 billion (31.6%) and RM27.7 billion (6.8%), respectively. The total value of gross output for these three states amounted to RM294.2 billion (72.3%).

4. VALUE ADDED

Exhibit 3 shows the value added of Wholesale & Retail Trade in 2021 which recorded RM255.5 billion, with an annual growth rate of 5.7 per cent as compared to RM241.9 billion in 2020. Retail Trade recorded the highest value added in 2021 amounted to RM118.5 billion (46.4%). This was followed by Wholesale Trade of RM114.1 billion (44.6%) and Motor Vehicle with RM22.9 billion (9.0%).



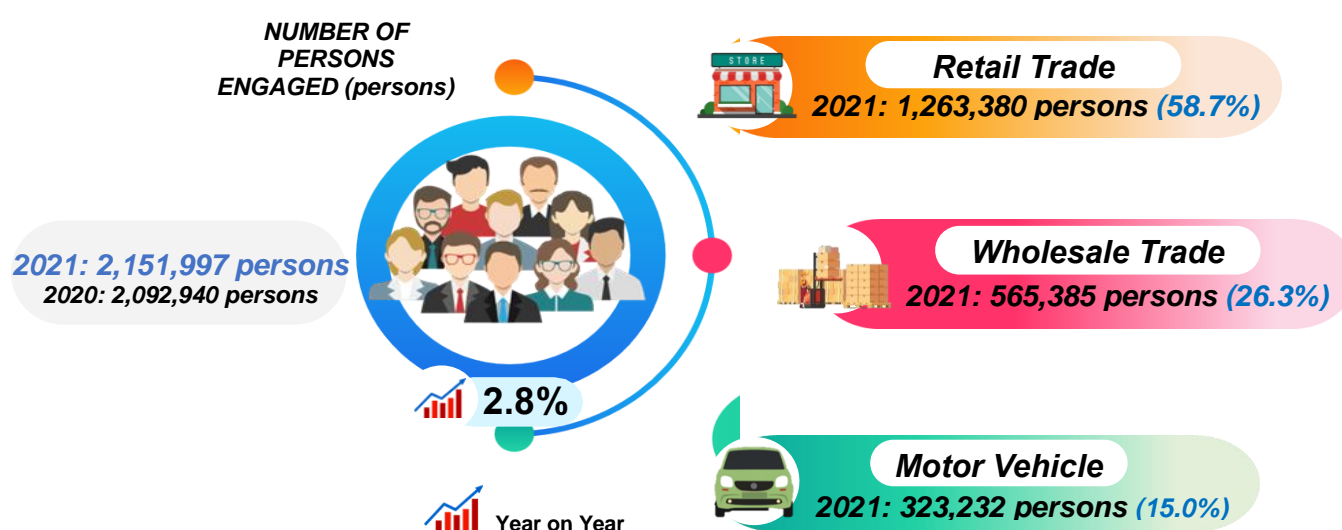
4.1 VALUE ADDED BY STATE

Value added by state in 2021 indicated that three states, namely W.P. Kuala Lumpur, Selangor and Johor were the main contributors to the value added of Wholesale & Retail Trade. W.P. Kuala Lumpur recorded the highest value added of RM87.0 billion with a share of 34.1 per cent, followed by Selangor with RM82.4 billion (32.2%) and Johor with RM16.4 billion (6.4%). Collectively, the share of value added for these three states to the Wholesale & Retail Trade was RM185.8 billion (72.7%).

5. NUMBER OF PERSONS ENGAGED AND CATEGORY OF WORKERS

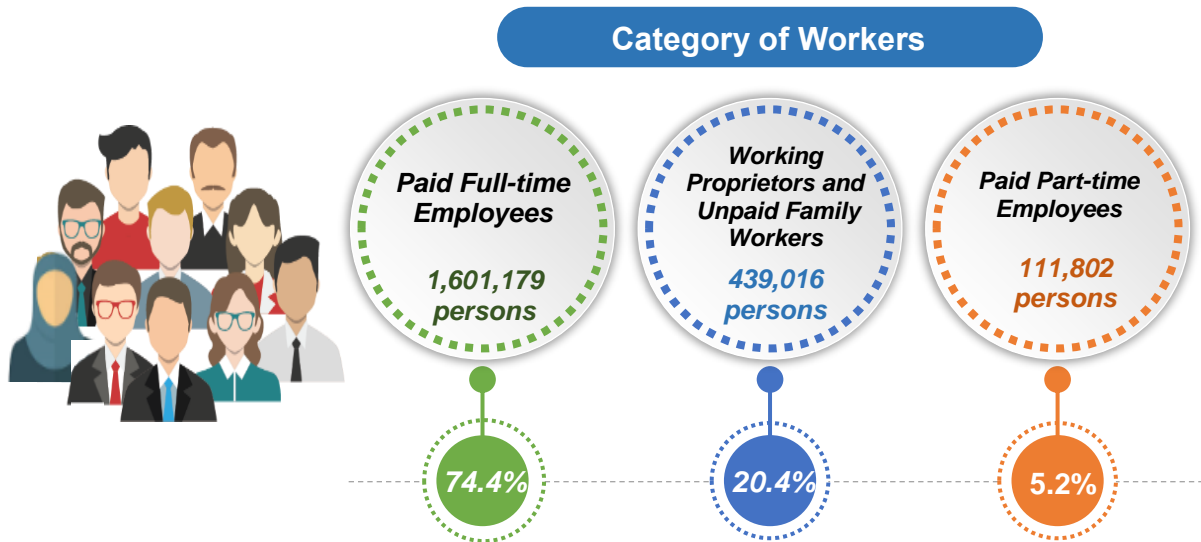
The number of persons engaged in 2021 amounted to 2,151,997 persons, increased by 2.8 per cent as compared to 2,092,940 persons engaged in 2020. Retail Trade sub-sector registered the highest number of persons engaged with 1,263,380 persons or 58.7 per cent, followed by Wholesale Trade sub-sector with 565,385 persons or 26.3 per cent and Motor Vehicle sub-sector with 323,232 persons or 15.0 per cent as shown in **Exhibit 4**.

Exhibit 4: Number of Persons Engaged for Wholesale & Retail Trade Sector by Sub-sector, 2021



Paid full-time employees recorded 1,601,179 persons, with a share of 74.4 per cent. Meanwhile, working proprietors & unpaid family workers and part-time employees recorded 439,016 persons (20.4%) and 111,802 persons (5.2%), respectively, as shown in **Exhibit 5**. Out of the total paid full-time employees, clerical and related occupations recorded the highest number of persons engaged with 923,966 persons or 57.7 per cent, followed by elementary occupation with 444,521 persons (27.8%) and managers, professionals and researchers with 167,958 persons (10.5%).

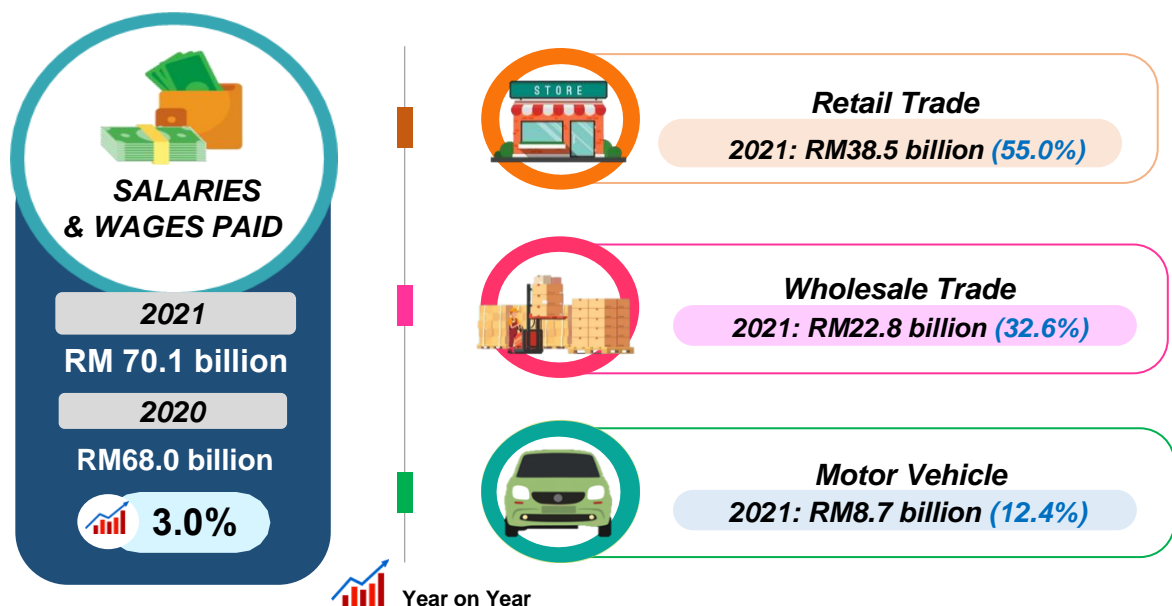
Exhibit 5 : Number of Persons Engaged for Wholesale & Retail Trade by Category of Workers, 2021



6. SALARIES & WAGES PAID

The total salaries & wages paid in Wholesale & Retail Trade in 2021 amounted to RM70.1 billion, an increase of 3.0 percent as compared to RM68.0 billion in 2020. Retail Trade sub-sector recorded the highest salaries & wages paid with RM38.5 billion or 55.0 per cent of the total salaries & wages paid. This was followed by Wholesale Trade subsector with RM22.8 billion (32.6%) and Motor Vehicle sub-sector with RM8.7 billion (12.4%) as shown in **Exhibit 6**. On average, total salaries and wages paid for the Wholesale & Retail Trade was RM2,714 a month.

Exhibit 6: Salaries & Wages for Wholesale & Retail Trade by Sub-sector, 2021





BAHAGIAN 2

PART 2

JADUAL

TABLES

Muka surat ini sengaja dibiarkan kosong
This page is deliberately left blank

Jadual 1: Statistik Utama Perdagangan Borong & Runcit, 2017-2021*Table 1: Principal Statistics of Wholesale & Retail Trade, 2017-2021*

Tahun <i>Year</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantara <i>Value of intermediate input</i>	Nilai ditambah <i>Value added</i>	Jumlah pekerja <i>Total number of persons engaged</i>	Gaji & upah yang dibayar <i>Salaries & wages paid</i>	Nilai harta tetap <i>Value of fixed assets</i>
	(RM juta) <i>(RM million)</i>	(RM juta) <i>(RM million)</i>	(RM juta) <i>(RM million)</i>		(RM juta) <i>(RM million)</i>	(RM juta) <i>(RM million)</i>
2021	406,896	151,357	255,538	2,151,997	70,078	140,189
2020	386,962	145,097	241,865	2,092,940	68,010	132,671
2019	410,455	155,725	254,731	2,099,742	67,932	144,164
2018*	384,290	146,311	237,979	2,002,838	62,873	134,118
2017	353,800	141,573	212,227	1,864,900	48,887	106,537

Nota / Note***Merujuk kepada tahun banci****Refer to census year*

Jadual 1.1: Statistik Utama Perdagangan Borong & Runcit mengikut Aktiviti, 2021*Table 1.1: Principal Statistics of Wholesale & Retail Trade by Activities, 2021*

Aktiviti <i>Activities</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantaraan <i>Value of intermediate input</i>	Nilai ditambah <i>Value added</i>	Jumlah pekerja <i>Total number of persons engaged</i>	Gaji & upah yang dibayar <i>Salaries & wages paid</i>	Nilai harta tetap <i>Value of fixed assets</i>
	(RM juta) <i>(RM million)</i>	(RM juta) <i>(RM million)</i>	(RM juta) <i>(RM million)</i>		(RM juta) <i>(RM million)</i>	(RM juta) <i>(RM million)</i>
Jumlah <i>Total</i>	406,896	151,357	255,538	2,151,997	70,078	140,189
Perdagangan Borong <i>Wholesale Trade</i>	185,291	71,196	114,095	565,385	22,849	50,751
Perdagangan Runcit <i>Retail Trade</i>	184,450	65,917	118,533	1,263,380	38,515	70,095
Kenderaan Bermotor <i>Motor Vehicles</i>	37,154	14,244	22,910	323,232	8,715	19,344

Jadual 2: Statistik Utama Perdagangan Borong & Runcit mengikut Negeri, 2021

Table 2: Principal Statistics of Wholesale & Retail Trade by State, 2021

Negeri <i>State</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantaraan <i>Value of intermediate input</i>	Nilai ditambah <i>Value added</i>	Jumlah pekerja <i>Total number of persons engaged</i>	Gaji & upah yang dibayar <i>Salaries & wages paid</i>	Nilai harta tetap <i>Value of fixed assets</i>
	(RM juta) <i>(RM million)</i>	(RM juta) <i>(RM million)</i>	(RM juta) <i>(RM million)</i>		(RM juta) <i>(RM million)</i>	(RM juta) <i>(RM million)</i>
Jumlah <i>Total</i>	406,896	151,357	255,538	2,151,997	70,078	140,189
Johor	27,651	11,269	16,382	224,727	6,180	10,179
Kedah	7,816	3,105	4,711	87,102	1,858	5,282
Kelantan	5,446	1,840	3,606	79,074	1,049	1,802
Melaka	8,195	2,833	5,362	71,761	1,811	3,090
Negeri Sembilan	4,741	1,748	2,993	56,147	1,321	2,783
Pahang	8,079	2,660	5,419	72,323	1,548	3,033
Pulau Pinang	21,088	9,523	11,565	134,135	3,814	7,740
Perak	16,138	6,160	9,978	150,179	3,429	6,270
Perlis	791	291	500	10,796	195	399
Selangor	128,700	46,305	82,395	518,143	21,803	38,081
Terengganu	3,988	1,341	2,646	45,193	797	1,402
Sabah	17,502	6,495	11,007	134,196	2,894	4,813
Sarawak	17,995	6,639	11,356	141,597	3,640	6,025
W.P. Kuala Lumpur	137,819	50,807	87,011	418,705	19,522	48,670
W.P. Labuan	465	166	298	5,568	144	248
W.P. Putrajaya	481	174	307	2,351	73	374

Jadual 3: Bilangan Pekerja dan Gaji & Upah yang Dibayar bagi Perdagangan Borong & Runcit mengikut Kategori Pekerja, 2021

Table 3: Number of Persons Engaged and Salaries & Wages paid of Wholesale & Retail Trade by Category of Workers, 2021

Kategori kemahiran <i>Category of skilled</i>	Bilangan Pekerja <i>Number of persons engaged</i>			Gaji & upah yang dibayar <i>Salaries & wages paid</i>
	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	(RM juta) <i>(RM million)</i>
Jumlah <i>Total</i>	2,151,997	1,284,402	867,595	70,078
Jumlah pemilik yang bekerja dan pekerja keluarga tidak bergaji <i>Total working proprietors and unpaid family workers</i>	439,016	255,721	183,295	-
Jumlah pekerja bergaji (sepenuh masa) <i>Total paid employees (full-time)</i>	1,601,179	968,626	632,553	68,465
Pengurus, profesional dan penyelidik <i>Manager, professional and researcher</i>	167,958	108,150	59,808	24,499
Juruteknik dan profesional bersekutu <i>Technicians and associate professionals</i>	64,734	53,701	11,033	4,850
*Perkeranian dan pekerjaan yang berkaitan <i>Clerical and related occupations</i>	923,966	492,488	431,478	30,072
Pekerja asas <i>Elementary occupation</i>	444,521	314,287	130,234	9,043
Pekerja bergaji (sambilan) <i>Paid employees (part-time)</i>	111,802	60,055	51,747	1,613

* Termasuk pekerja perkhidmatan & jualan, pekerja kemahiran & pekerja pertukangan yang berkaitan dan operator mesin & loji pemasangan

Includes service & sales workers, craft & related trades workers and plant & machine operators & assemblers

Jadual 4: Bilangan Pekerja dan Gaji & Upah yang Dibayar bagi Perdagangan Borong & Runcit mengikut Kategori Kemahiran dan Jantina, 2021

Table 4: Number of Persons Engaged and Salaries & Wages paid of Wholesale & Retail Trade by Category of Skilled and Sex, 2021

Kategori kemahiran <i>Category of skilled</i>	Bilangan Pekerja <i>Number of persons engaged</i>			Gaji & upah yang dibayar <i>Salaries & wages paid</i>
	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	(RM juta) <i>(RM million)</i>
Jumlah <i>Total</i>	1,601,179	968,626	632,553	68,465
* Mahir <i>High-Skilled</i>	232,692	161,851	70,841	29,349
** Separuh Mahir <i>Semi-Skilled</i>	923,966	492,488	431,478	30,072
*** Berkemahiran rendah <i>Low-Skilled</i>	444,521	314,287	130,234	9,043

* **Termasuk pengurusan & profesional dan juruteknik & profesional bersekutu**

Includes managers & professionals and technicians & associate professionals

** **Termasuk pekerja sokongan perkeranian, pekerja perkhidmatan & jualan, pekerja kemahiran & pekerja pertukangan yang berkaitan dan operator mesin & loji pemasangan**

Includes clerical support workers, service & sales workers, craft & related trades workers and plant & machine operators & assemblers

*** **Termasuk pekerja asas**

Includes elementary occupations

Jadual 5: Perbelanjaan Modal dan Nilai Harta Tetap bagi Perdagangan Borong & Runcit mengikut Aktiviti , 2021*Table 5: Capital Expenditure and Value of Fixed Asset of Wholesale & Retail Trade by Activity, 2021*

Aktiviti <i>Activities</i>	Perbelanjaan modal <i>Capital expenditure</i>	Pelupusan <i>Disposal</i>	Susut nilai <i>Current depreciation</i>	Nilai harta tetap <i>Value of fixed assets</i>
	(RM juta) <i>(RM million)</i>	(RM juta) <i>(RM million)</i>	(RM juta) <i>(RM million)</i>	(RM juta) <i>(RM million)</i>
Jumlah <i>Total</i>	21,969	2,496	14,888	140,189
Perdagangan Borong <i>Wholesale Trade</i>	8,782	794	5,880	50,751
Perdagangan Runcit <i>Retail Trade</i>	6,612	1,415	5,259	70,095
Kenderaan Bermotor <i>Motor Vehicles</i>	6,575	287	3,749	19,344



BAHAGIAN 3 PART 3

NOTA TEKNIKAL TECHNICAL NOTES

Muka surat ini sengaja dibiarkan kosong
This page is deliberately left blank

NOTA TEKNIKAL / TECHNICAL NOTES

1. SKOP DAN LIPUTAN

Penerbitan ini meliputi pertubuhan berdaftar yang terlibat dalam sektor Perkhidmatan berdasarkan Piawaian Klasifikasi Industri Malaysia (MSIC) 2008 Ver 1.0 yang selaras dengan *International Standard Industrial Classification of All Economic Activities (ISIC), Rev. 4*.

Statistik utama yang diterbitkan adalah nilai output kasar, nilai input perantaraan, nilai ditambah, bilangan pekerja, gaji & upah yang dibayar dan nilai harta tetap. Penghasilan statistik ini adalah berdasarkan kepada penyusunan data dari pelbagai sumber termasuk statistik jangka pendek yang dikeluarkan oleh DOSM dan data pentadbiran yang terdapat dari agensi lain dengan mengadaptasi teknik penganggaran statistik yang bersesuaian.

2. SUMBER RANGKA PERTUBUHAN

Sumber utama rangka statistik perniagaan adalah daripada Malaysia Statistical Business Register (MSBR). MSBR adalah senarai pertubuhan / perusahaan yang beroperasi di Malaysia yang merangkumi Daftar syarikat (ROC), Daftar Perniagaan (ROB) dan Perkongsian Liabiliti Terhad (LLP) yang berdaftar dengan Suruhanjaya Syarikat Malaysia (CCM) serta pertubuhan yang berdaftar dengan pihak berkuasa tempatan dan badan profesional. Senarai di MSBR dikemas kini secara berkala berdasarkan tinjauan dan bancian yang dijalankan oleh Jabatan Perangkaan Malaysia dan sumber data pentadbiran daripada agensi lain. Sumber utama data pentadbiran adalah daripada Suruhanjaya Syarikat Malaysia (CCM). Selain itu, DOSM juga bekerjasama untuk mendapatkan maklumat terkini daripada agensi lain seperti Kumpulan Wang Simpanan Pekerja (KWSP), Jabatan Kastam Diraja Malaysia, Lembaga Hasil Dalam Negeri (LHDN), pihak berkuasa tempatan dan badan profesional.

Rangka dikemaskini untuk mengambil kira pertubuhan baru dan sebarang perubahan yang berlaku kepada pertubuhan tersebut seperti tutup, tidak beroperasi, perubahan jenis aktiviti dan lokasi / alamat pos untuk memastikan maklumat yang terdapat dalam rangka adalah yang paling terkini.

3. JENIS AKTIVITI PERNIAGAAN

Jenis aktiviti perniagaan merujuk kepada aktiviti utama dan sekunder. Aktiviti utama merujuk kepada aktiviti yang mana pertubuhan menumpukan sebahagian besar sumbernya atau memberi sumbangan besar dari segi pendapatan. Aktiviti sekunder didefinisikan sebagai aktiviti sampingan kepada aktiviti utama. Klasifikasi industri bagi pertubuhan adalah berasaskan kepada aktiviti utama dan Piawaian Klasifikasi Malaysia (MSIC), 2008 Versi 1.0 selaras dengan *International Standard Industrial Classification of All Economic Activities (ISIC), Revision 4, United Nations* dan pengubahsuaian mengikut keperluan tempatan.

4. KONSEP DAN DEFINISI

Konsep dan definisi yang diguna berasaskan kepada *Manual International Recommendations for Distributive Trade Statistics 2008 (IRDTS 2008)* oleh *United Nations Statistics Division*. Konsep berkenaan mengikut amalan yang sudah diterima pakai bagi memudahkan perbandingan data dibuat di peringkat antarabangsa.

Takrif yang digunakan adalah selaras dengan MSIC 2008 Versi 1.0 adalah seperti berikut:

4.1 Perdagangan Borong & Runcit

4.1.1 Perdagangan Borong

Ditakrifkan sebagai “penjualan semula (tanpa pengubahsuaian) barangan baru dan terpakai kepada peruncit, pengguna perindustrian, komersial, institusi atau professional, atau kepada pemborong lain, atau bertindak sebagai Ejen atau broker dalam membeli barangan dagangan.”

Pemborong biasanya memasang sendiri, memilih dan mengelas 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 serta melibatkan diri dalam promosi jualan untuk pelanggan dan reka bentuk label.

Jenis operasi utama yang terlibat dalam Perdagangan borong adalah seperti berikut:

a) **Pedagang borong**

Pemborong yang mengambil hak milik ke atas barang yang mereka jual, misalnya saudagar jual borong atau *jobber*, pengedar barang perindustrian, pengeksport, pengimport, persatuan koperasi pembeli dan stesen / terminal simpanan pukal petroleum. Ini termasuk juga pemasang, pembeli dan persatuan koperasi yang menjalankan pemasaran keluaran pertanian, penjual logam sekejap dan sisa barangan lama.

b) **Pejabat jualan dan cawangan jualan**

Ia merujuk kepada pejabat jualan dan cawangan jualan selain daripada kedai runcit yang diselenggarakan oleh pertubuhan yang menjalankan aktiviti pembuatan atau perlombongan selain loji atau lombong.

Ia bertujuan untuk memasarkan produk dan tidak hanya mengambil pesanan dan memenuhinya melalui penghantaran langsung daripada loji dan lombong. Pertubuhan seperti ini diliputi hanya sekiranya mereka menyimpan akaun berasingan bagi perniagaan edaran mereka.

c) **Ejen atau broker**

Ia meliputi broker dagangan dan komoditi, saudagar dan Ejen komisen yang terlibat dalam aktiviti borong. Mereka tidak mempunyai hak milik ke atas barang yang mereka kendalikan tetapi bekerja atas dasar komisen dan yuran melalui pembelian atau penjualan bagi pihak orang lain.

Aktiviti yang **tidak diliputi** oleh Perdagangan borong adalah seperti berikut:

- i. sewaan kelengkapan dan jentera perindustrian, pertanian dan perniagaan;
- ii. pejabat jualan pengilang / pengeluar di dalam kilang / lombong jika rekod yang berasingan untuk kedua-dua aktiviti ini tidak diperolehi;
- iii. penyewaan alat-alat pembinaan;
- iv. gudang dan penyimpanan yang ditawarkan sebagai satu aktiviti perkhidmatan yang bebas; dan
- v. pembotolan air mineral semula jadi di kawasan mata air dan perigi.

4.1.2 Perdagangan Runcit

Ditakrifkan sebagai “penjualan semula (tanpa pengubahsuaian) barang baru dan terpakai kepada orang awam untuk kegunaan persendirian atau isi rumah.” Ini termasuk jualan yang dilakukan oleh kedai, gedung serbaneka, gerai, tempat pesanan pos, penjaja dan pengedar, koperasi pengguna, atas talian dan lain-lain.

Jenis operasi utama yang terlibat dalam Perdagangan runcit adalah seperti berikut:

a) Peruncit

Merujuk kepada individu / syarikat yang terlibat dalam aktiviti jualan barang kepada isi rumah atau persendirian. Kebanyakan peruncit mempunyai hak ke atas barangan yang dijual, tetapi sebahagiannya bertindak sebagai Ejen kepada prinsipal dan menjual atas dasar konsainan atau komisen.

b) Rangkaian atau cawangan

Rangkaian merujuk kepada dua atau lebih jenis pertubuhan dalam jenis perniagaan yang sama di bawah hak milik kawalan tunggal. Rangkaian di sini adalah terdiri daripada cawangan di bawah hak milik dan kawalan pertubuhan beribu pejabat di Malaysia. Ianya tidak termasuk pertubuhan di dalam sesebuah enterprise tetapi didaftarkan secara berasingan dengan Pendaftaran Perniagaan atau Pendaftaran Syarikat. Pertubuhan dalam organisasi rangkaian antarabangsa juga tidak termasuk dalam kumpulan ini melainkan organisasi berkenaan mempunyai dua atau lebih cawangan di Malaysia. Contohnya Seng Hup, Jaya Jusco, 7-eleven dan lain-lain.

Cawangan merujuk kepada dua atau lebih pertubuhan dalam jenis perniagaan yang sama di bawah hak milik dan kawalan tunggal ibu pejabat. Ia diselenggarakan secara langsung oleh ibu pejabat dengan tujuan untuk memasarkan keluaran mereka dan membuat penghantaran langsung barangan setelah menerima pesanan daripada pelanggan.

c) Ejen atau broker

Ia merujuk kepada broker dagangan dan Ejen komisen yang terlibat dalam aktiviti runcit. Mereka tidak mengambil hak milik ke atas barangan yang dikendalikan. Sumber pendapatan adalah berdasarkan komisen dan yuran melalui pembelian atau penjualan bagi pihak orang lain.

Pertubuhan yang **mempamerkan barang** seperti alat tulis, petrol atau kayu-kayan dan terlibat dalam jualan kepada orang awam adalah diklasifikasikan ke dalam Perdagangan runcit. Jualan ini mungkin bukan untuk kegunaan persendirian atau isi rumah. (Walau bagaimanapun, pertubuhan yang menjual barangan tersebut kepada pengguna industri atau institusi diklasifikasikan ke dalam Perdagangan borong).

Pertubuhan yang terlibat dalam penyewaan barang kepada orang awam bagi kegunaan isi rumah atau persendirian dimasukkan ke

dalam Perdagangan runcit. Ianya tidak termasuk penyewaan barangan hiburan dan rekreasi seperti perahu, sampan, motosikal, basikal, kuda tunggangan dan lain-lain.

Pertubuhan yang kebanyakannya terlibat dalam jualan langsung melalui pengedar bebas dianggap sebagai sebahagian daripada Perdagangan runcit (bagi tujuan banci ini) walaupun mereka tiada hubungan langsung dengan pengguna terakhir.

Jenis perniagaan yang beroperasi hampir sama dengan Perdagangan runcit tetapi **tidak diliputi** dalam survei ini adalah seperti berikut:

- i. jualan oleh petani bagi keluaran pertanian mereka;
- ii. bakeri;
- iii. tukang jahit; dan
- iv. pembuat bingkai gambar

4.1.3 Kenderaan Bermotor

Aktiviti ini meliputi 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 dan menunda kenderaan serta kegiatan Ejen berkominen yang terlibat dalam jualan.

Jenis operasi utama dalam Kenderaan bermotor adalah seperti berikut:

a) Pusat servis

Merujuk kepada pertubuhan yang mempunyai kedai atau pejabat jualan yang menawarkan perkhidmatan penyelenggaraan dan pembaikan kenderaan bermotor. Sesetengah pusat servis turut terdapat jualan alat ganti.

b) Pejabat jualan dan cawangan jualan

Merujuk kepada pejabat jualan atau cawangan yang mempamerkan kenderaan bermotor seperti kereta, lori, motosikal dan sebagainya untuk tujuan jualan kenderaan baru atau terpakai dan sesetengah tempat terdapat jualan alat ganti dan penyelenggaraan serta pembaikan kenderaan bermotor.

c) Ejen atau broker

Ini meliputi broker dagangan kenderaan dan ejen komisen yang terlibat dalam aktiviti kenderaan bermotor. Mereka tidak mempunyai hak milik ke atas barang yang mereka kendalikan tetapi bekerja atas dasar komisen dan yuran melalui pembelian atau penjualan bagi pihak orang lain.

5. TAHUN SURVEI

Tahun survei adalah merujuk kepada tahun pelaksanaan survei.

6. TAHUN RUJUKAN

Tahun rujukan bagi penyiasatan ini adalah tahun takwim 2021.

7. KAEDAH PENGUMPULAN DATA

Survei ini secara umumnya dijalankan melalui tiga (3) kaedah iaitu :

- i. Kaedah atas talian melalui portal e-aes: Kaedah ini menasaskan responden yang telah menggunakan kaedah ini bagi survei rutin terdahulu.
- ii. Kaedah kutipan data melalui e-mel/pos/faks/telefon: Kaedah ini menasaskan responden yang pernah terlibat dengan survei rutin terdahulu. Responden diberi tempoh satu bulan untuk melengkapkan dan mengembalikan borang soal selidik tersebut kepada Jabatan.
- iii. Kaedah kutipan data secara bersemuka: Kerja luar operasi di lapangan dijalankan untuk mendapatkan maklum balas daripada pertubuhan yang belum memberi jawapan dari kedua-dua kaedah di atas dan kaedah ini menasaskan pertubuhan yang tidak pernah terlibat dengan survei rutin DOSM.

8. REKA BENTUK PERSAMPELAN

Rangka pensampelan bagi survei ini adalah pensampelan rawak strata satu peringkat. Kategori industri tiga (3) digit MSIC di peringkat negeri 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, substrata selainnya bersifat homogen disampelkan.

Substrata utama meliputi pertubuhan kategori besar yang mempunyai jumlah hasil yang signifikan dalam industri liputan manakala bagi substrata kedua hingga keempat berdasarkan kategori Perusahaan Mikro, Kecil dan Sederhana (PMKS).

9. SAIZ SAMPEL DAN PROSEDUR PENGANGGARAN

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

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

di mana,

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

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

di mana,

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

Sampel akan diagihkan kepada substrata 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} = Saiz sampel bagi substrata h dalam strata i

N_h = Saiz populasi bagi substrata h

S_h = Sisihan piawaian bagi substrata h

n_i = Saiz sampel bagi strata i

h = Substrata

i = Strata

Saiz sampel optimum bagi survei ini adalah 79,349 pertubuhan. Pertubuhan kategori besar diliputi sepenuhnya, manakala pertubuhan bagi substrata kedua hingga keempat dipilih secara rawak mengikut kaedah pensampelan bersistematik.

10. 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 respon.

Wajaran reka bentuk pensampelan pada substrata h adalah seperti berikut:

$$W_h = \frac{N_h}{n_h}, n = 1, \dots, 4$$

di mana,

N_h = Bilangan populasi bagi substrata h

n_h = Bilangan sampel bagi substrata h

Wajaran tiada respons pada substrata h adalah seperti berikut:

$$NRW_h = \frac{1}{n'_h/n_h}, h = 1, \dots, 4$$

di mana,

n'_h = Bilangan sampel respons bagi substrata h

n_h = Bilangan sampel bagi substrata h

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

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

di mana,

W_h = Wajaran reka bentuk persampelan pada substrata h

NRW_h = Wajaran tiada respons pada substrata h

11. UNIT PELAPOR

Unit pelapor bagi survei ini ialah **pertubuhan**. Sesebuah pertubuhan secara ideal ditakrifkan sebagai “satu unit ekonomi yang bergiat di bawah satu hak milik atau penguasaan tunggal, iaitu di bawah satu entiti yang sah. Ia menjalankan satu jenis subsektor ekonomi utama di satu tempat/lokasi fizikal”. Setiap pertubuhan diberikan klasifikasi industri berdasarkan aktiviti utamanya dan bukannya mengikut aktiviti syarikat induk.

Setiap cawangan daripada organisasi yang mempunyai beberapa cawangan di lokasi yang berbeza dari segi konsep dianggap sebagai pertubuhan yang berlainan. Pertubuhan berkenaan diminta memberikan penyata yang berasingan bagi setiap kegiatannya dari segi nilai. Walau bagaimanapun, dari segi praktis akaun biasanya disediakan secara berpusat kerana kesukaran untuk memperoleh data yang berasingan bagi setiap unit atau cawangan. Entiti atau ‘enterprise’ ini akan dianggap sebagai satu unit pelapor dan dibenarkan mengemukakan soal selidik yang menggabungkan semua unit atau cawangannya.

12. NILAI OUTPUT KASAR

Nilai output kasar sektor Perdagangan Borong & Runcit meliputi:

- Jualan barang-barang
- + Jualan kenderaan bermotor
- Kos barangan yang dijual (barangan yang dibeli untuk dijual semula tanpa melalui proses selanjutnya, contohnya alat ganti)
- + Komisen dan yuran yang diterima
- + Pendapatan daripada perkhidmatan pembaikan pemasangan dan penyelenggaraan
- + Pendapatan dari jualan alat ganti dan aksesori
- + Pendapatan daripada sewa yang diterima kecuali tanah
- + Pendapatan operasi lain
- + Perbelanjaan modal untuk membuat / membina sendiri

13. NILAI INPUT PERANTARAAN

Nilai input perantaraan sektor Perdagangan Borong & Runcit meliputi meliputi:

- Bahan dan bekalan
- + Kos pembaikan dan penyelenggaraan
- + Utiliti yang digunakan
- + Bahan pembakar, pelincir dan gas
- + Bayaran telekomunikasi
- + Pembelian perkhidmatan pengangkutan
- + Pengiklanan dan promosi
- + Kos pencetakan
- + Perbelanjaan sewa yang digunakan kecuali tanah
- + Perbelanjaan operasi lain
- + Kos pakaian percuma yang disediakan bagi pekerja
- + Bayaran kepada pengarah tidak bekerja kerana kehadiran mereka dalam mesyuarat Lembaga Pengarah
- + Kos latihan kepada Pekerja

14. NILAI TAMBAH

Nilai ditambah adalah perbezaan di antara output dan input perantaraan. Ia merupakan nilai ditambah barangan dan perkhidmatan dalam aktiviti ekonomi. Oleh itu, ia hampir menyamai dengan keuntungan perniagaan, gaji dan upah, susut nilai dan cukai tidak langsung; campur faedah yang dibayar dan tolak faedah yang diterima.

15. BILANGAN PEKERJA

Bilangan pekerja merujuk kepada bilangan orang yang bekerja pada bulan Disember atau pada tempoh pembayaran gaji terakhir bagi tahun rujukan. Bilangan orang yang bekerja dikategorikan seperti berikut:

a. Pemilik yang bekerja dan rakan niaga yang aktif

Kategori ini merujuk kepada semua pemilik perseorangan dan rakan niaga, sambilan atau sepenuh masa, yang bekerja dengan aktif dalam sesebuah pertubuhan itu. Justeru, ia tidak termasuk rakan niaga yang tidak aktif.

b. Pekerja keluarga tidak bergaji

Kategori ini meliputi semua ahli isi rumah kepada pemilik pertubuhan yang melaksanakan kerja tertentu (sepenuh masa atau sambilan) dan bekerja sekurang-kurangnya satu pertiga daripada waktu bekerja biasa yang diamalkan oleh pertubuhan berkenaan tanpa mendapat bayaran secara tetap, sama ada dalam bentuk wang tunai atau harta benda bagi kerja yang dilakukan. Biasanya pekerja berkenaan mendapat makanan, tempat tinggal dan bantuan lain sebagai sebahagian daripada ahli isi rumah pemilik tersebut dan terus mendapatnya sama ada ia bekerja atau tidak di dalam pertubuhan itu.

c. Pekerja bergaji (sepenuh masa)

Ia merujuk kepada semua pekerja bergaji yang bekerja sekurang-kurangnya enam jam sehari dan sekurang-kurangnya 20 hari sebulan.

d. Pekerja bergaji (sambilan)

Ia merujuk kepada semua pekerja bergaji yang bekerja kurang daripada enam jam sehari dan / atau kurang daripada 20 hari sebulan.

16. KATEGORI KEMAHIRAN

a. Pekerja mahir

Pengurus, Profesional dan Juruteknik & Profesional Bersekutu;

b. Pekerja separuh mahir

Pekerja Sokongan Perkeranian; Pekerja Perkhidmatan & Jualan; Pekerja Kemahiran & Pekerja Pertukangan yang Berkaitan dan Operator Mesin & Loji dan Pemasang; dan

c. Berkemahiran rendah

Pekerja Asas

17. NILAI HARTA TETAP

Aset tetap ialah aset yang dihasilkan dan digunakan secara berulang kali atau berterusan dalam proses pengeluaran melebihi daripada setahun. Aset tetap termasuk struktur, mesin dan peralatan serta aset yang diusahakan seperti pokok atau haiwan yang digunakan berulang kali atau berterusan untuk menghasilkan produk lain seperti buah-buahan atau produk tenusu. Produk harta intelek seperti perisian atau seni asal yang digunakan dalam pengeluaran juga termasuk dalam aset tetap.

18. PEMBUNDARAN

Jumlah bagi komponen mungkin berbeza dengan jumlah besar dalam jadual penerbitan disebabkan oleh pembundaran angka.

19. KADAR PERTUMBUHAN TAHUNAN

Pengiraan kadar pertumbuhan tahunan (r) adalah berdasarkan formula berikut:

$$y_t = y_0 (1 + r)^t$$

di mana,

$$r = \left[e^{\frac{1}{t} \ln \left(\frac{y_t}{y_0} \right)} - 1 \right] \times 100$$

di mana, y_t = Nilai pada tahun semasa
 y_0 = Nilai pada tahun sebelum
 t = Bilangan tahun, $y_t - y_0$
 r = Kadar pertumbuhan tahunan

20. SIMBOL DAN SINGKATAN

& : dan
% : peratus
} : cantum
- : tiada
spt : seperti
n.a : Tidak berkaitan
dll. : dan lain-lain
RM : Ringgit Malaysia
t.t.t.l. : tidak terkelas di tempat lain
W.P. : Wilayah Persekutuan

NOTA TEKNIKAL / TECHNICAL NOTES

1. SCOPE AND COVERAGE

This publication comprised registered establishments engaged in the Services sector based on Malaysia Standard Industrial Classification (MSIC) 2008 Ver. 1.0, in accordance with the International Standard Industrial Classification of All Economic Activities (ISIC), Rev. 4.

Principal statistics published are value of gross output, intermediate input, value added, number of persons engaged, salaries & wages paid and value of fixed assets. The production of these statistics is based on the compilation of data from various sources, including short term statistics released by DOSM and administrative data available from other agencies by adopting the appropriate statistical estimation techniques.

2. SOURCE OF ESTABLISHMENTS

The main source of updating statistical business frame namely Malaysia Statistical Business Register (MSBR). MSBR is a list of establishments operating in Malaysia which includes the Register of Companies (ROC), Register of Business (ROB) and Limited Liability Partnership (LLP) registered with the Companies Commission of Malaysia (CCM) as well as establishments registered with local authorities and professional bodies. The list in the MSBR is updated regularly based on surveys and censuses conducted by the Department of Statistics Malaysia and administrative data sources from other agencies. The main source of administrative data is from the Companies Commission of Malaysia (CCM). In addition DOSM also works together to obtain the latest information from other agencies such as the Employees' Provident Fund (EPF), the Royal Malaysian Customs Department, the Inland Revenue Board (IRB), local authorities and professional bodies.

The frame is updated to take into account new establishments and to record any changes in the status of the establishments such as closed down, not in operation, change in activity and location / correspondence address so as to ensure that the frame is at the most current status.

3. **TYPE OF BUSINESS ACTIVITY**

Type of business activity refers to both principal and secondary activities. The principal activity refers to the activity to which the establishment devoted most of its resources or activity which derived most of its income. Secondary activities are defined as those incidental or ancillary to the principal activity. The classification of the industry of the establishment is based on the principal activity and is in accordance with the Malaysia Standard Industrial Classification (MSIC), 2008 Version 1.0 in accordance with the International Standard Industrial Classification of All Economic Activities (ISIC) Revision 4, United Nations, with modifications to suit local conditions.

4. **CONCEPTS AND DEFINITIONS**

Concepts and definitions used are based on the Manual of International Recommendations for Distributive Trade Statistics 2008 (IRDTS 2008) published by the United Nations Statistics Division. This concept adheres to accepted practices, thereby facilitating data comparison at the international level.

The definition used is in accordance with the MSIC 2008 Version 1.0 are as follows:

4.1 Wholesale & Retail Trade

4.1.1 Wholesale Trade

Refer to “the resale (sale without transformation) of new and used goods to retailers, to industrial, commercial, institutional or professional users, or to other wholesalers, or involves acting as an agent or broker in buying merchandise.”

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 their customers and label design.

The main types of operations for the Wholesale trade are as follows:

a) Merchant wholesalers

Merchant wholesalers are those who take title to the goods they sell,

such as wholesale merchants or jobbers, industrial distributors, exporters, importers, co-operative buying associations and petroleum bulk station / terminals. Assemblers, buyers and co-operative associations engaged in the marketing of farm products, scrap metal, waste and junk dealers are included as well.

b) Sales offices and sales branches

Refers to sales offices and sales branches other than retail stores, which are maintained by manufacturing or mining enterprises, apart from their plants or mines.

For the purpose of marketing their products and which do not merely take orders to be filled by direct shipments from plants or mines. Such establishments are covered if they maintain separate distributive trades' accounts.

c) Agents or brokers

Include merchandise and commodity brokers, commission merchants and agents which involve in wholesale activities. They do not take title to the goods they sell but instead work on the basis of commissions and fees, through buying and selling on the accounts of others.

*Activities which are **excluded** from Wholesale trade are as follows:*

- i. renting of industrial, agricultural and business equipment and machinery;*
- ii. manufacturer's / producer's sales office activities do not exist and data cannot be allocated accordingly;*
- iii. hiring of construction equipment;*
- iv. warehousing and storage offered as an independent service; and*
- v. the bottling of natural mineral water at springs and wells*

4.1.2 Retail Trade

Refer to “the resale (sale without transformation) of new and used goods to the general public for personal or household consumption or utilisation.” It includes selling by shops, department stores, stalls, mail-order houses, hawkers and peddlers, consumer co-operatives, online and etc.

The main types of operations for the Retail trade are as follows:

a) Retailer

Refers to individual / company engaged in selling good activities to household and personal. Most retailers take title to the goods they sell, but some act as an agent for a principal and sell either on consignment or on a commission basis.

b) Chain or branches

Chain refers to two types or more establishment engaged in same types of business under single ownership and control. Chain consists of branches under the ownership and control of a head office within Malaysia. It does not include establishments within an enterprise but registered separately with the Registrar of Business or Registrar of Companies. Neither are international chains included unless they have two or more branches in Malaysia. For example, Seng Hup, Jaya Jusco, 7-eleven and others.

Branch refers to two or more establishments engaged in the same types of business under single ownership and control with its headquarters. It is directly managed by the headquarters for the purpose of marketing and direct shipments of its products after receiving orders from customers.

c) Agents and brokers

Refers to merchandise brokers and commission agents which involve in retail activities. They do not take title to the goods they sell. Their source of income is on the basis of commissions and fees, through

buying or selling on the accounts of others.

*Establishments that **displayed products** such as stationery, petrol or lumber and engaged in selling to the general public are classified under Retail trade. These sales may not be for personal or household consumption. (However, establishments that sell such merchandise to Industrial or institutional users are classified in Wholesale trade).*

Establishments primarily engaged in renting of goods to the general public for household or personal use are included in Retail trade. It does not cover rental of amusement and recreational goods such as boats, canoes, motorcycles, bicycles, saddle horses and others.

Establishments engaged primarily in direct selling through independent distributors are considered as part of Retail trade (for the purpose of this census) even though they might not have direct contact with the final consumers.

*The kind of business which operate almost similarly to Retail trade but are **excluded** from this census are as follows:*

- i. sales of farmers' products by farmers;*
- ii. bakeries;*
- iii. tailoring; and*
- iv. shops making photo frames.*

4.1.3 Motor Vehicles

Refer to activities covering wholesale and retail sale of motor vehicles and motorcycles, either new or used, sale of motor vehicle parts and accessories, maintenance and repair of motor vehicles and motorcycles including washing, polishing and towing as well as commission agents which involve in sales.

The main types of operations for the Motor vehicles are as follows:

a) Service Centre

Refers to establishment which comprise shop or sales office offering motor vehicles maintenance service and repair. Some service centers also sale spare parts.

b) Sales office and sales branches

Refers to the sales office or branches which display motor vehicles such as car, lorry, motorcycle and others for the purpose of selling new or used vehicles as well as the sale of spare part and maintenance and repair of motor vehicles can be found in certain places.

c) Agents or brokers

Include vehicle trade brokers and commission agents which engaged in motor vehicles activities. They do not take title to the goods they sell but instead work on the basis of commissions and fees through buying or selling on the accounts of others.

5. SURVEY YEAR

Survey year refers to the year in which a survey was conducted.

6. REFERENCE YEAR

The reference year of the survey was the calendar year 2021.

7. METHOD OF DATA COLLECTION

This survey is generally conducted through three (3) methods, namely:

- i. Data collection method via Online method through the e-aes portal: This method targets respondents who have used this method for previous routine surveys.*

- ii. Respondents were given a period of one month to complete and return the questionnaire to the Department.
- iii. Face-to-face data collection method: Field work operation is carried out to get feedback from organizations that have not yet given answers from the two methods above and this method also targets organizations that have never been involved in a routine DOSM survey.

8. SAMPLING DESIGN

Sampling design of the survey is a one-stage stratified random sampling. Categories of industries at two (2), three (3), four (4) and five (5) digit MSIC at state level have been classified as stratum and the establishment as the sampling unit.

Each stratum (industry) has been set up into four substrata to ensure the distributed sample takes into account the economic characteristics of the industry. The main substratum is heterogeneous and was fully covered. Whereas, other substratum that is homogeneous were sampled.

Main substratum includes large establishments that have significant total revenue in the industry while for the second to fourth substratum are based on Micro, Small and Medium Enterprise (SME) categories.

9. SAMPLE SIZE AND ESTIMATION PROCEDURE

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
S_i^2	=	Variance for stratum
V	=	Desired variance

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

where,

\hat{Y}_i	=	Total revenues for stratum i
RSE	=	Relative standard error
Z	=	Value of confidence level

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}	=	Sample size for substratum h of stratum i
N_h	=	Population size for substratum h
S_h	=	Standard deviation for substratum h
n_i	=	Sample size for stratum i
h	=	Substratum
i	=	Stratum

The optimum sample size for this survey is 79,349 establishments. Establishments of the large categories were fully covered while establishments of the second to fourth substratum were randomly selected using systematic random sampling.

10. WEIGHTS

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

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

$$W_h = \frac{N_h}{n_h}, n = 1, \dots, 4$$

where,

N_h = Total population of substratum h
 n_h = Total sample of substratum h

Non-response weight at substratum h as below:

$$NRW_h = \frac{1}{n'_h/n_h}, h = 1, \dots, 4$$

where,

n'_h = Number of response sample size for substratum h
 n_h = Number of sample size for substratum h

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

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

where,

W_h = Sampling design weight at substratum h
 NRW_h = Non-response weight at substratum h

11. REPORTING UNIT

The reporting unit used in the survey was **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 to that of its parent company.

Each branch of a multi-branch organisation at a different location was conceptually treated as a different establishment. The establishment was requested to give separate returns for each activity in terms of value. However, if in practice, the accounts were centrally kept such that it was not possible to obtain separate data for each individual unit or branch. That entity or enterprise was treated as a single reporting unit and allowed to submit a consolidated questionnaire covering all units or branches.

12. VALUE OF GROSS OUTPUT

The value of gross output of Wholesale & Retail trade sector includes:

- Sales of goods*
- + *Sales of motor vehicles*
- *Cost of goods sold (goods purchased for resale without undergoing further processing, e.g. spare parts)*
- + *Commissions and fees received*
- + *Income from repairs, installation and maintenance service*
- + *Income from sales of spare parts and accessories*
- + *Rental income received except land rental*
- + *Others operating income*
- + *Capital expenditure on built / self-produced*

13. VALUE OF INTERMEDIATE INPUT

Value of intermediate input of Wholesale & Retail trade sector includes:

- Materials and supplies*
- + *Costs of repair and maintenance*
- + *Utilities used*
- + *Fuels, lubricants and gas*
- + *Telecommunication fees*
- + *Purchase of transport services*
- + *Advertising and promotion*
- + *Cost of printing*
- + *Rental expenditure used except land rental*
- + *Other operating expenditure*
- + *Cost of free wearing apparel provided for employees*
- + *Fees paid to non-working directors for their attendance at Board of Directors' meetings*
- + *Staff training cost*

14. VALUE ADDED

Value added is the difference between output and intermediate input. It represents the added value of goods and services by economic activity. Hence, it is approximately

equivalent to commercial profit, salaries and wages, depreciation and indirect taxes; plus interest paid and less interest received.

15. NUMBER OF PERSONS ENGAGED

Employment covers all persons engaged during December or the last pay period of the reference year. The number of persons engaged was classified under the following categories:

a. Working proprietors and active business partners

This category refers to all individual proprietors and partners, part-time or full time, who are actively engaged in the work of the establishment. Therefore, it excludes inactive partners.

b. Unpaid family workers

This is defined as all persons in the household of any of the owners of the establishment who perform a specified job (full-time or part-time) and work for a minimum of one third of the normal working time for the establishment, but do not receive regular payment either in cash or in kind for the work done. Such workers generally receive food, shelter and other support as part of the household of an owner but this would continue whether they worked in the establishment or not.

c. Paid employees (full-time)

This is defined as all paid workers who work for at least 6 hours a day and at least 20 days a month.

d. Paid employees (part-time)

This is defined as all paid workers who work for less than 6 hours a day and / or less than 20 days a month.

16. CATEGORY OF SKILLS

a. **High-skilled Workers**

Managers, Professionals and Technicians & Associate Professionals;

b. **Semi-skilled Workers**

Clerical Support Workers; Service & Sales Workers; Craft & Related Trades Workers; Plant and Machine Operators & Assemblers; and

c. **Low-skilled**

Elementary occupations

17. VALUE OF FIXED ASSETS

Fixed assets are produced assets that are used repeatedly or continuously in production processes for more than one year. Fixed assets include structures, machinery and equipment and cultivated assets such as trees or animals that are used repeatedly or continuously to produce other products such as fruit or dairy products. It was also included intellectual property products such as software or artistic originals used in production.

18. ROUNDING

The sum of the components may not add up to the total in the tables presented due to rounding.

19. ANNUAL GROWTH RATE

The calculation of annual growth rate (r) is based on the following formula:

$$y_t = y_0 (1 + r)^t$$

where,

$$r = \left[e^{\frac{1}{t} \ln \left(\frac{y_t}{y_0} \right)} - 1 \right] \times 100$$

where, y_t = Value at current year
 y_0 = Value at previous year
 t = Number of years, $y_t - y_0$
 r = Compound annual growth rate

20. SYMBOLS AND ABBREVIATIONS

& : and
% : per cent
} : combine
- : nil
i.e : that is
n.a : Not applicable
etc. : et cetera
RM : Ringgit Malaysia
n.e.c : not elsewhere classified
W.P. : Wilayah Persekutuan

Muka surat ini sengaja dibiarkan kosong
This page is deliberately left blank



LAMPIRAN *APPENDIX*

Muka surat ini sengaja dibiarkan kosong
This page is deliberately left blank

LAMPIRAN / APPENDIX

PIAWAIAN KLASIFIKASI INDUSTRI MALAYSIA (MSIC) 2008 Ver. 1.0
MALAYSIA STANDARD INDUSTRIAL CLASSIFICATION (MSIC) 2008 Ver.1.0

SUBSEKTOR PERDAGANGAN BORONG & RUNCIT WHOLESALE & RETAIL TRADE

Kumpulan Group	Kelas Class	Perkara Item	Keterangan Description
		Perdagangan Borong <i>Wholesale Trade</i>	
461		Jual borong berdasarkan kontrak atau yuran <i>Wholesale on a fee or contract basis</i>	
	46100	Jual borong berdasarkan kontrak atau yuran <i>Wholesale on a fee or contract basis</i>	
462		Jualan borong bahan mentah pertanian dan haiwan hidup <i>Wholesale of agricultural raw materials and live animals</i>	
	4620	Jualan borong bahan mentah pertanian dan haiwan hidup <i>Wholesale of agricultural raw materials and livestock</i>	
	46201	Jualan borong getah <i>Wholesale of rubber</i>	
	46202	Jualan borong minyak kelapa sawit <i>Wholesale of palm oil</i>	
	46203	Jualan borong kayu balak dan kayu kayan <i>Wholesale of lumber and timber</i>	
	46204	Jualan borong bunga-bunga dan tumbuh-tumbuhan <i>Wholesale of flowers and plants</i>	
	46205	Jualan borong ternakan <i>Wholesale of livestock</i>	
	46209	Jualan borong bahan mentah pertanian dan haiwan hidup t.t.t.l <i>Wholesale of agricultural raw material and live animals n.e.c</i>	
463		Jualan borong makanan, minuman dan tembakau <i>Wholesale of food, beverages and tobacco</i>	
	4631	Jualan borong daging, ikan, buah-buahan dan sayur-sayuran <i>Wholesale of meat, fish, fruits and vegetables</i>	
	46311	Jualan borong daging, unggas dan telur <i>Wholesale of meat, poultry and eggs</i>	
	46312	Jualan borong ikan dan lain-lain makanan laut <i>Wholesale of fish and other seafood</i>	
	46313	Jualan borong buah-buahan <i>Wholesale of fruits</i>	
	46314	Jualan borong sayur-sayuran <i>Wholesale of vegetables</i>	
	46319	Jualan borong daging, ikan, buah-buahan dan sayur-sayuran t.t.t.l <i>Wholesale of meat, fish, fruits and vegetables n.e.c</i>	

LAMPIRAN / APPENDIX

Kumpulan Group	Kelas Class	Perkara Item	Keterangan Description
4632		Jualan borong makanan, minuman dan tembakau <i>Wholesale of food, beverages and tobacco</i>	
46321		Jualan borong beras, bijirin lain, tepung dan gula <i>Wholesale of rice, other grains, flour and sugars</i>	
46322		Jualan borong hasil tenusu <i>Wholesale of dairy products</i>	
46323		Jualan borong konfeksi <i>Wholesale of confectionary</i>	
46324		Jualan borong biskut, kek, roti dan produk bakeri lain <i>Wholesale of biscuits, cakes, breads and other bakery products</i>	
46325		Jualan borong kopi, teh dan minuman lain <i>Wholesale of coffee, tea, cocoa and other beverages</i>	
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>	
4641		Jualan borong tekstil, pakaian dan kasut <i>Wholesale of textiles clothing and footwear</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>	

LAMPIRAN / APPENDIX

Kumpulan Group	Kelas Class	Perkara Item	Keterangan Description
4642		Jualan borong barang farmaseutikal dan kelengkapan dandanan diri	<i>Wholesale of pharmaceutical goods and toiletries</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>
4643		Jualan borong barang sukan, barang permainan, barang kulit, barang pengembaraan dan peralatan muzik	<i>Wholesale of sports goods, games, leather, travelling goods and musical instruments</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 optik	<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>
4644		Jualan borong kraftangan, jam tangan, jam dinding dan barang kemas	<i>Wholesale of handicraft, watches, clocks and jewellery</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>
46443		Jualan borong jam tangan dan jam dinding	<i>Wholesale of watches and clocks</i>
46444		Jualan borong barang kemas	<i>Wholesale of jewellery</i>
4649		Jualan borong lain-lain barangan isi rumah t.t.t.l	<i>Wholesale of other household goods n.e.c</i>
46491		Jualan borong perabot isi rumah	<i>Wholesale of household furniture</i>
46492		Jualan borong perkakas isi rumah	<i>Wholesale of household appliances</i>
46493		Jualan borong peralatan lampu	<i>Wholesale of lighting equipment</i>
46494		Jualan borong perkakas dapur dan kutleri, pinggan mangkuk, barangan kaca dan barangan tembikar	<i>Wholesale of household utensils and cutlery, crockery, glassware, chinaware and pottery</i>

LAMPIRAN / APPENDIX

Kumpulan Group	Kelas Class	Perkara Item	Keterangan Description
		46495	Jualan borong barangan kayu, anyaman rotan dan barangan gabus <i>Wholesale of woodenware, wickerwork and corkware</i>
		46496	Jualan borong barangan elektrik dan elektronik <i>Wholesale of electrical and electronic goods</i>
		46497	Jualan borong alat tulis, buku, majalah dan surat khabar <i>Wholesale of stationery, books, magazines and newspapers</i>
		46499	Jualan borong lain-lain barangan isi rumah t.t.t.l <i>Wholesale of other household goods n.e.c</i>
465			Jualan borong jentera, peralatan dan bekalan <i>Wholesale of machinery, equipment and supplies</i>
		4651	Jualan borong komputer, peralatan peranti komputer (peripheral) dan perisian <i>Wholesale of computers, computer peripheral equipment and software</i>
		46510	Jualan borong perkakasan komputer, perisian dan peranti <i>Wholesale of computer hardware, software and peripherals</i>
		4652	Jualan borong kelengkapan dan komponen (termasuk alat ganti) elektronik dan telekomunikasi <i>Wholesale of electronics and telecommunications equipment and parts</i>
		46521	Jualan borong kelengkapan telefon dan telekomunikasi, telefon selular, alat kelui <i>Wholesale of telephone and telecommunications equipment, cell phones, pagers</i>
		46522	Jualan borong komponen elektronik dan aksesori pendawaian <i>Wholesale of electronic components and wiring accessories</i>
		4653	Jualan borong jentera, kelengkapan dan bekalan pertanian <i>Wholesale of agricultural machinery, equipment and supplies</i>
		46531	Jualan borong jentera, kelengkapan dan bekalan pertanian <i>Wholesale of agricultural machinery, equipment and supplies</i>
		46532	Jualan borong jentera pemotong rumput sebarang cara operasi <i>Wholesale of lawn movers however operated</i>
		4659	Jualan borong lain-lain jentera dan kelengkapan <i>Wholesale of other machinery and equipment</i>
		46591	Jualan borong mesin pejabat dan kelengkapan perniagaan, kecuali komputer dan kelengkapan peranti komputer (peripheral) <i>Wholesale of office machinery and business equipment, except computers and computer peripheral equipment</i>
		46592	Jualan borong perabot pejabat <i>Wholesale of office furniture</i>
		46593	Jualan borong peralatan mesin ber kawalan komputer <i>Wholesale of computer-controlled machines tools</i>
		46594	Jualan borong jentera, kelengkapan dan bekalan perindustrian <i>Wholesale of industrial machinery, equipment and supplies</i>

LAMPIRAN / APPENDIX

Kumpulan Group	Kelas Class	Perkara Item	Keterangan Description
		46595	Jualan borong jentera dan kelengkapan pembinaan dan kejuruteraan <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>
		4661	Jualan borong bahan api pepejal, cecair dan gas dan produk berkaitan <i>Wholesale of solid, liquid and gaseous fuels and related products</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>
		4662	Jualan borong logam dan bijih logam <i>Wholesale of metal and metal ores</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>
		4663	Jualan borong dan bekalan bahan binaan, hardwer, peralatan paip dan alat pemanas <i>Wholesale of construction materials, hardware, plumbing and heating equipment and supplies</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 varnis <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>

LAMPIRAN / APPENDIX

Kumpulan Group	Kelas Class	Perkara Item	Keterangan Description
		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>
4669			Jualan borong bahan buangan dan sekerap dan produk lain t.t.t.l <i>Wholesale of waste and scrap and other products n.e.c</i>
		46691	Jualan borong bahan kimia industri <i>Wholesale of industrial chemicals</i>
		46692	Jualan borong baja dan produk agrokimia <i>Wholesale of fertilizers and agrochemical products</i>
		46693	Jualan borong bahan plastik dalam bentuk asal <i>Wholesale of plastic materials in primary forms</i>
		46694	Jualan borong sekerap getah <i>Wholesale of rubber scrap</i>
		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 ada logam dan bukan logam untuk kitar semula <i>Wholesale of metal and non-metal waste and scrap and materials for recycling</i>
		46699	Meleraai 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>
	4690		Perdagangan borong tanpa pengkhususan - jualan borong pelbagai jenis barang tanpa pengkhususan <i>Non-specialised wholesale trade - wholesale of variety of goods without any particular specialisation</i>
		46901	Jualan borong ikan akuarium, burung dan haiwan peliharaan <i>Wholesale of aquarium fishes, pet birds and animals</i>

LAMPIRAN / APPENDIX

Kumpulan Group	Kelas Class	Perkara Item	Keterangan Description
		46902	Jualan borong makanan haiwan / haiwan peliharaan <i>Wholesale of animal / pet food</i>
		46909	Jualan borong pelbagai jenis barang tanpa pengkhususan tertentu t.t.t.l <i>Wholesale of variety of goods without any particular specialisation n.e.c</i>
			Perdagangan Runcit <i>Retail Trade</i>
471			Jualan runcit di kedai bukan pengkhususan <i>Retail sale in non-specialised stores</i>
	4711		Jualan runcit di kedai tanpa pengkhususan, yang lebih banyak menjual makanan, minuman atau tembakau <i>Retail sale in non-specialised stores with food, beverages or tobacco predominating</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>
	4719		Jual runcit lain di kedai tanpa pengkhususan <i>Other retail sale in non-specialised 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	Agen 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>
	4721		Jualan runcit makanan di kedai pengkhususan <i>Retail sale of food 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>

LAMPIRAN / APPENDIX

Kumpulan Group	Kelas Class	Perkara Item	Keterangan Description
		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>
		47219	Jualan runcit produk makanan lain t.t.t.l <i>Retail sale of other food products n.e.c</i>
4722			Jualan runcit di kedai yang khusus menjual minuman <i>Retail sale of beverages in specialised stores</i>
		47221	Jualan runcit bir, wain dan spirit <i>Retail sale of beer, wine and spirits</i>
		47222	Jualan runcit teh, kopi, minuman ringan, air mineral dan minuman lain <i>Retail sale of tea, coffee, soft drinks, mineral water and other beverages</i>
4723			Jualan runcit di kedai yang khusus menjual produk tembakau <i>Retail sale of tobacco products in specialised stores</i>
		47230	Jualan runcit produk tembakau di kedai khusus <i>Retail sale of tobacco products in specialised store</i>
473			Jualan runcit di kedai khusus yang menjual bahan api kenderaan <i>Retail sale of automotive fuel in specialised stores</i>
		4730	Jualan runcit di kedai khusus yang menjual bahan api kenderaan <i>Retail sale of automotive fuel in specialised stores</i>
		47300	Jualan runcit bahan api kenderaan di kedai khusus <i>Retail sale of automotive fuel in specialised store</i>
474			Jualan runcit di kedai khusus yang menjual peralatan komunikasi dan maklumat <i>Retail sale of information and communication equipment in specialised stores</i>
		4741	Jualan runcit di kedai khusus yang menjual komputer, peralatan peranti komputer (peripheral), perisian dan peralatan telekomunikasi <i>Retail sale of computers, peripheral units, software and telecommunication equipment in specialised stores</i>
		47411	Jualan runcit komputer, peralatan dan kelengkapan komputer <i>Retail sale of computers, computer equipment and supplies</i>

LAMPIRAN / APPENDIX

Kumpulan Group	Kelas Class	Perkara Item	Keterangan Description
		47412	Jualan runcit konsol permainan video dan perisian bukan ditempah khas <i>Retail sale of video game consoles and non-customised software</i>
		47413	Jualan runcit di peralatan telekomunikasi <i>Retail sale of telecommunication equipment</i>
	4742		Jualan runcit di kedai yang khusus menjual peralatan audio dan video <i>Retail sale of audio and video equipment in specialised stores</i>
		47420	Jualan runcit peralatan audio dan video di kedai pengkhususan <i>Retail sale of audio and video equipment in specialised store</i>
475			Jualan runcit di kedai khusus yang menjual peralatan lain isi rumah <i>Retail sale of other household equipment in specialised stores</i>
	4751		Jualan runcit di kedai khusus yang menjual tekstil <i>Retail sale of textiles in specialised stores</i>
		47510	Jualan runcit di kedai khusus yang menjual tekstil <i>Retail sale of textiles in specialised stores</i>
	4752		Jualan runcit di kedai khusus yang menjual hardwer, cat dan kaca <i>Retail sale of hardware, paints and glass in specialised stores</i>
		47520	Jualan runcit bahan binaan, perkakasan, cat dan kaca <i>Retail sale of construction materials, hardware, paints and glass</i>
	4753		Jualan runcit di kedai khusus yang menjual karpet, hampan, alas lantai dan kertas dinding <i>Retail sale of carpets, rugs, wall and floor coverings in specialised stores</i>
		47531	Jualan runcit karpet dan hampan <i>Retail sale of carpets and rugs</i>
		47532	Jualan runcit langsir dan net <i>Retail sale of curtains and net curtains</i>
		47533	Jualan runcit kertas dinding dan alas lantai <i>Retail sale of wallpaper and floor coverings</i>
	4759		Jualan runcit di kedai khusus yang menjual peralatan elektrik, perabot, lampu dan barangan lain isi rumah <i>Retail sale of electrical household appliances, furniture, lighting equipment and other household articles in specialised stores</i>
		47591	Jualan runcit perabot isi rumah <i>Retail sale of household furniture</i>
		47592	Jualan runcit peralatan lampu <i>Retail sale of articles for lighting</i>
		47593	Jualan runcit perkakas 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>

LAMPIRAN / APPENDIX

Kumpulan Group	Kelas Class	Perkara Item	Keterangan Description
		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>
	4761		Jualan runcit di kedai khusus yang menjual buku, akhbar dan alat tulis <i>Retail sale of books, newspapers and stationery 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>
	4762		Jualan runcit di kedai khusus yang menjual instrumen muzik dan rakaman video <i>Retail sale of music and video recordings in specialised stores</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>
	4763		Jualan runcit di kedai khusus yang menjual kelengkapan sukan <i>Retail sale of sporting equipment in specialised stores</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>
		47635	Jualan runcit basikal dan komponen (termasuk alat ganti) dan aksesori yang berkaitan <i>Retail sale of bicycles and related parts and accessories</i>
	4764		Jualan runcit di kedai khusus yang menjual permainan dan barang mainan <i>Retail sale of games and toys in specialised stores</i>

LAMPIRAN / APPENDIX

Kumpulan Group	Kelas Class	Perkara Item	Keterangan Description
		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>
	4771		Jualan runcit di kedai khusus yang menjual pakaian, kasut dan barangan kulit <i>Retail sale of clothing, footwear and leather articles 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>
4772			Jualan runcit di kedai khusus yang menjual barangan farmaseutikal dan perubatan, kosmetik dan kelengkapan dandanan diri <i>Retail sale of pharmaceutical and medical goods, cosmetic and toilet articles in specialised stores</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>
4773			Jualan runcit di kedai khusus yang menjual barang baru lain <i>Other retail sale of new goods in specialised stores</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>

LAMPIRAN / APPENDIX

Kumpulan Group	Kelas Class	Perkara Item	Keterangan Description
		47738	Jualan runcit ikan akuarium, haiwan peliharaan dan makanannya <i>Retail sale of aquarium fishes, pet animals and pet food</i>
		47739	Jualan runcit di kedai khusus yang menjual barang baru lain t.t.t.l <i>Other retail sale of new goods in specialised stores n.e.c</i>
	4774		Jualan runcit barang terpakai <i>Retail sale of second-hand goods</i>
		47741	Jualan runcit buku terpakai <i>Retail sale of second-hand books</i>
		47742	Jualan runcit barang elektrik dan elektronik terpakai <i>Retail sale of second-hand electrical and electronic goods</i>
		47743	Jualan runcit barang antik <i>Retail sale of antiques</i>
		47744	Aktiviti pusat lelongan (runcit) <i>Activities of auctioning houses (retail)</i>
		47749	Jualan runcit barangan terpakai t.t.t.l <i>Retail sale of second-hand goods n.e.c</i>
478			Jualan runcit di gerai dan pasar <i>Retail sale via stalls and markets</i>
	4781		Jualan runcit makanan, minuman dan barangan tembakau di gerai dan pasar <i>Retail sale via stalls and markets of food, beverages and tobacco products</i>
		47810	Jualan runcit makanan, minuman dan produk tembakau di gerai atau pasar <i>Retail sale of food, beverages and tobacco products via stalls or markets</i>
	4782		Jualan runcit tekstil, baju dan kasut di gerai dan pasar <i>Retail sale via stalls and markets of textiles, clothing and footwear</i>
		47820	Jualan runcit tekstil, baju dan kasut di gerai atau pasar <i>Retail sale of textiles, clothing and footwear via stalls or markets</i>
	4789		Jualan runcit barangan lain di gerai dan pasar <i>Retail sale via stalls and markets of other goods</i>
		47891	Jualan runcit permaidani dan di gerai dan pasar <i>Retail sale of carpets and rugs via stalls or markets</i>
		47892	Jualan runcit buku di gerai atau pasar <i>Retail sale of books via stalls or markets</i>
		47893	Jualan runcit alat permainan dan barang mainan di gerai atau pasar <i>Retail sale of games and toys via stalls or markets</i>
		47894	Jualan runcit peralatan isi rumah dan barang elektronik di gerai atau pasar <i>Retail sale of household appliances and consumer electronics via stall or markets</i>
		47895	Jualan runcit rekod muzik dan video di gerai atau pasar <i>Retail sale of music and video recordings via stall or markets</i>

LAMPIRAN / APPENDIX

Kumpulan Group	Kelas Class	Perkara Item	Keterangan Description
479		Jualan runcit bukan di kedai, gerai atau pasar	<i>Retail trade not in stores, stalls or markets</i>
	4791	Jualan runcit melalui pesanan mel atau internet	<i>Retail sale via mail order houses or via internet</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>
	4799	Lain-lain jualan bukan di kedai, gerai atau pasar	<i>Other retail sale not in stores, stalls or markets</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>
		Kenderaan Bermotor	<i>Motor Vehicles</i>
451		Jualan Kenderaan Bermotor	<i>Sale of Motor Vehicles</i>
	4510	Jualan borong dan runcit kenderaan baru dan terpakai	<i>Wholesale and retail sale of new and used 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>

LAMPIRAN / APPENDIX

Kumpulan Group	Kelas Class	Perkara Item	Keterangan Description
		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>
	4520		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 menggilap (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>
	4530		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>
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>
	4540		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>

Muka surat ini sengaja dibiarkan kosong
This page is deliberately left blank

Pengarah,
 Jabatan Perangkaan Malaysia Negeri Johor,
 Tingkat 14, Menara Tabung Haji,
 Jalan Air Molek,
 80000 Johor Bahru, Johor.
 Tel : 07 - 225 3700
 Faks : 07 - 224 9972
 E-mel : jpjohor@dosm.gov.my

Pengarah,
 Jabatan Perangkaan Malaysia Negeri Perak,
 Tingkat 3, Blok A, Bangunan Persekutuan Ipoh,
 Jalan Dato' Seri Ahmad Said (Greentown)
 30450 Ipoh, Perak
 Tel : 05 - 243 6107
 Faks : 05 - 255 1073
 E-mel : jpperak@dosm.gov.my

Pengarah,
 Jabatan Perangkaan Malaysia Negeri Kedah,
 Aras 1, Zon C, Wisma Persekutuan,
 Pusat Pentadbiran Kerajaan Persekutuan,
 Bandar Muadzam Shah,
 06550 Anak Bukit, Alor Setar, Kedah
 Tel : 04 - 700 1240
 Faks : 04 - 733 8412
 E-mel : jpkedah@dosm.gov.my

Pengarah,
 Jabatan Perangkaan Malaysia Negeri Perlis,
 Tingkat 1, Bangunan Perodua Kangar,
 No. 2C, PERSIARAN Jubli Perak,
 01000 Kangar,
 Perlis
 Tel : 04 - 976 7381/9025
 Faks : 04 - 976 8950
 E-mel : jpperlis@dosm.gov.my

Pengarah,
 Jabatan Perangkaan Malaysia Negeri Kelantan,
 Tingkat 8, Bangunan Persekutuan,
 Jalan Bayam,
 15514 Kota Bharu, Kelantan.
 Tel : 09 - 7419449
 Faks : 09 - 7482142
 E-mel : jpkelantan@dosm.gov.my

Pengarah,
 Jabatan Perangkaan Malaysia Negeri Selangor,
 Tingkat 9, Bangunan Darul Ehsan,
 Jalan Indah, Seksyen 14,
 40000 Shah Alam, Selangor
 Tel : 03 - 5515 0200
 Faks : 03 - 5518 0408
 E-mel : jpselangor@dosm.gov.my

Pengarah,
 Jabatan Perangkaan Malaysia Negeri Melaka,
 Aras 7 & 8, Wisma Persekutuan,
 Jalan MITC, Hang Tuah Jaya,
 75450 Ayer Keroh, Melaka.
 Tel : 06 - 252 2725
 Faks : 06 - 252 2711
 E-mel : jpmelaka@dosm.gov.my

Pengarah,
 Jabatan Perangkaan Malaysia Negeri Terengganu,
 Tingkat 9, Wisma Persekutuan,
 Jalan Sultan Ismail,
 20200 Kuala Terengganu, Terengganu.
 Tel : 09 - 622 3062
 Faks : 09 - 622 9659
 E-mel : admin_jptrg@dosm.gov.my

Pengarah,
 Jabatan Perangkaan Malaysia Negeri Sembilan,
 Tingkat 12, Wisma Persekutuan,
 Jalan Dato' Abdul Kadir,
 70000 Seremban, Negeri Sembilan.
 Tel : 06 - 765 5000
 Faks : 06 - 765 5002
 E-mel : jpnsembilan@dosm.gov.my

Pengarah,
 Jabatan Perangkaan Malaysia Negeri Sabah,
 Tingkat 1-3, Blok C, Kompleks Pentadbiran
 Kerajaan Persekutuan Sabah, Jalan UMS,
 Beg Berkunci No. 2046, 88999 Kota Kinabalu, Sabah.
 Tel : 088 - 484 602
 Faks : 088 - 484 659
 E-mel : jpsabah@dosm.gov.my

Pengarah,
 Jabatan Perangkaan Malaysia Negeri Pahang,
 Tingkat 7, Bangunan Persekutuan,
 Jalan Gambut,
 25000 Kuantan, Pahang.
 Tel : 09 - 516 3931/7
 Faks : 09 - 514 4636
 E-mel : jppahang@dosm.gov.my

Pengarah,
 Jabatan Perangkaan Malaysia Negeri Sarawak,
 Tingkat 7 & 8, Bangunan Tun Datuk Patinggi
 Tuanku Haji Bujang, Jalan Simpang 3,
 93514 Kuching, Sarawak.
 Tel : 082 - 240 287
 Faks : 082 - 242 609
 E-mel : sarawak@dosm.gov.my

Pengarah,
 Jabatan Perangkaan Malaysia Negeri Pulau
 Pinang,
 Tingkat 6, Bangunan Persekutuan,
 10400, Jalan Anson, Pulau Pinang.
 Tel : 04 - 226 6244
 Faks : 04 - 229 9499
 E-mel : jppulaupinang@dosm.gov.my

Pengarah,
 Jabatan Perangkaan Malaysia
 Wilayah Persekutuan,
 Tingkat 14 & 15, Wisma FGV, Jalan Raja Laut,
 50350 Kuala Lumpur.
 Tel : 03 - 2267 2400
 Faks : 03 - 2691 0639
 E-mel : dosmwp@dosm.gov.my

www.dosm.gov.my



@StatsMalaysia



20 OCT 2016-2030



PSSn



MALAYSIA MADANI