LAPORAN
PENYIASATAN PENDAPATAN ISI RUMAH
DAN KEMUDAHAN ASAS
HOUSEHOLD INCOME AND BASIC AMENITIES SURVEY REPORT

2016

HARI STATISTIK NEGARA
(MyStats Day) 2017
20 OKTOBER 2017
"Data Berkualiti. Kehidupan Sejahtera"

Kata Pengantar

Laporan Penyiasatan Pendapatan Isi Rumah dan Kemudahan Asas 2016 membentangkan statistik mengenai taburan pendapatan isi rumah, insiden kemiskinan dan maklumat kemudahan asas seperti pendidikan, kesihatan, perumahan dan peralatan yang dimiliki oleh isi rumah. Statistik berkaitan pendapatan yang diterbitkan dalam laporan ini adalah berdasarkan konsep dan garis panduan daripada "*Canberra Group Handbook on Household Income Statistics, Second Edition (2011)*" yang diterbitkan oleh *United Nations*.

Statistik daripada laporan ini digunakan terutamanya oleh agensi kerajaan sebagai input dalam perancangan, pembentukan dan pemantauan rancangan pembangunan negara. Statistik ini juga boleh digunakan oleh ahli ekonomi, ahli akademik, pihak swasta serta individu bagi tujuan penyelidikan dan penganalisisan.

Laporan ini dibahagikan kepada sembilan bahagian iaitu statistik utama pendapatan dan kemudahan asas, ringkasan penemuan, statistik pendapatan isi rumah, statistik pendapatan bagi kumpulan isi rumah, statistik insiden kemiskinan, statistik kemudahan asas (am), statistik kemudahan asas bagi kumpulan isi rumah, siri masa statistik terpilih pendapatan dan kemiskinan serta ralat piawai relatif bagi anggaran pendapatan. Konsep, definisi dan metodologi penyiasatan diterangkan dalam nota teknikal di akhir laporan ini bagi membantu pengguna memahami statistik yang diterbitkan.

Jabatan merakamkan setinggi-tinggi penghargaan kepada semua pihak yang terlibat secara langsung dan tidak langsung dalam merealisasikan laporan penyiasatan ini. Setiap maklum balas dan cadangan untuk penambahbaikan laporan ini pada masa akan datang amat dihargai.

DR. MOHD UZIR BIN MAHIDIN
Ketua Perangkawan Malaysia

Oktober 2017

Preface

The Household Income and Basic Amenities 2016 Survey Report provides statistics related to household income distribution, incidence of poverty and basic amenities such as education, health, housing and household appliances owned by household. The statistics on income published in this report is based on the concepts and guidelines from "Canberra Group Handbook on Household Income Statistics, Second Edition (2011)" published by the United Nations.

Statistics from this report is used primarily by government agencies as input in the planning, formulating and monitoring of national development plans. These statistics can also be used by economists, academicians, the private sector and individuals for research and analysis purposes.

The report is divided into nine sections namely key statistics on income and basic amenities, summary of findings, statistics on household income, statistics on household income by household group, statistics on incidence of poverty, statistics on basic amenities (general), statistics on basic amenities of household group, time series for selected statistics on income and poverty as well as relative standard error of estimation. The concepts, definitions and methodology of the survey are explained in the technical notes at the end of this report to assist the users to understand the published statistics.

The department expressed gratitude to those who have contributed directly and indirectly to this report. Every feedback and suggestion towards improving future reports is highly appreciated.

DR. MOHD UZIR BIN MAHIDIN
Chief Statistician, Malaysia

October 2017

Kandungan
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Statistics on Incidence of Poverty

4 Statistik Kemudahan Asas (Am)
Statistics on Basic Amenities (General)

5 Statistik Kemudahan Asas Bagi Kumpulan Isi Rumah
Statistics on Basic Amenities by Household Group

6 Siri Masa Statistik Terpilih Pendapatan dan Kemiskinan
Time Series for Selected Statistics on Income and Poverty

7 Ralat Piawai Relatif
Relative Standard Error

STATISTIK UTAMA PENDAPATAN DAN KEMUDAHAN ASAS

Key Statistics on Income
and Basic Amenities
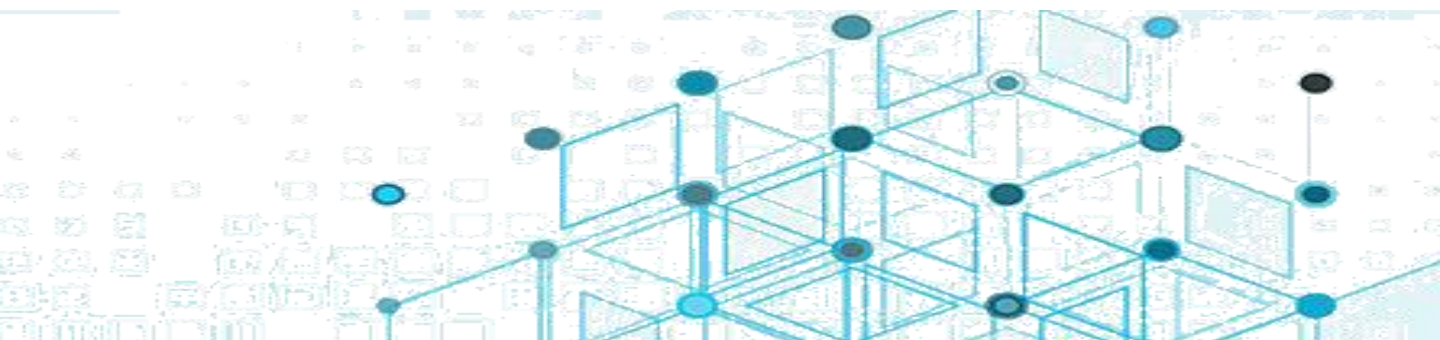
STATISTIK UTAMA
PENDAPATAN DAN KEMUDAHAN ASAS 2016

Bilangan isi rumah **6.9 juta** meningkat **4.1%** daripada **6.7 juta (2014)**

Purata saiz isi rumah **4.1** orang **(2014 : 4.3)**

Purata penerima pendapatan **1.8** orang **(2014 : 1.8)**

PENDAPATAN PENENGAH

RM5,228 2016
6.6% [1] RM4,585
setahun

PENDAPATAN PURATA

2016 **RM6,958**
RM6,141 **6.2%** [1]
2014 setahun
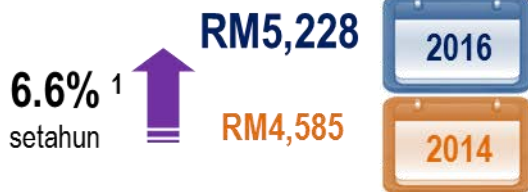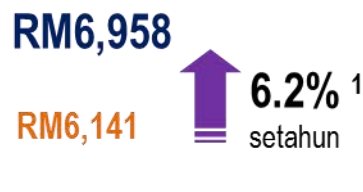
5 dari **10** isi rumah mempunyai pendapatan sebulan **RM5,228** atau kurang

4 PUNCA UTAMA PENDAPATAN

Pekerjaan Bergaji
RM4,382 (63.0%)
RM3,989 (65.0%)

Bekerja Sendiri
RM1,088 (15.6%)
RM982 (16.0%)

Harta & Pelaburan
RM897 (12.9%)
RM704 (11.4%)

Pindahan Semasa Diterima
RM591 (8.5%)
RM466 (7.6%)

KEMISKINAN

0.4%
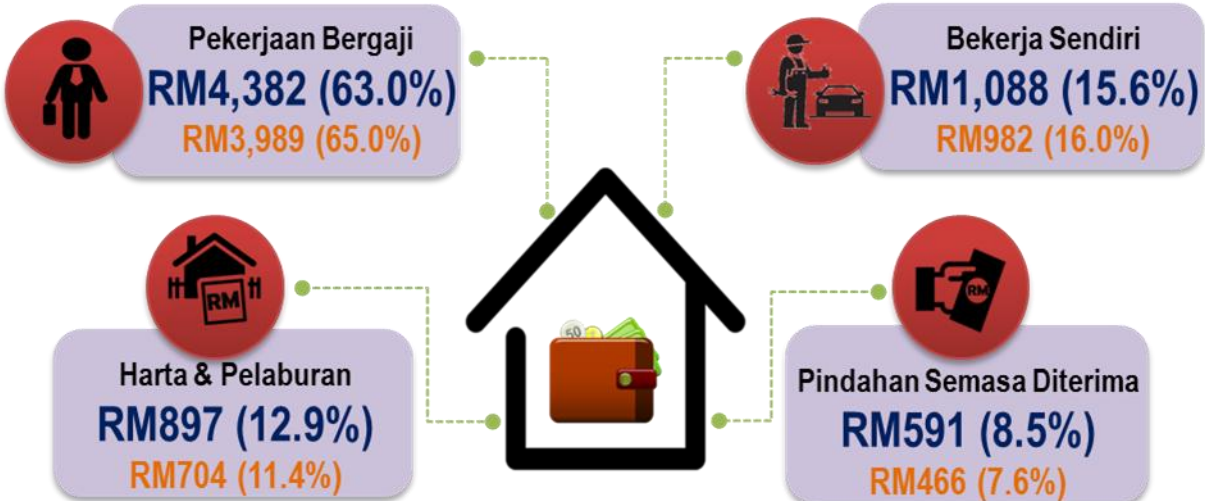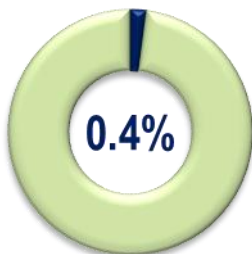
Insiden kemiskinan berkurang daripada **0.6%** pada 2014 kepada **0.4%** pada 2016

PEKALI GINI

Pekali Gini berkurang daripada **0.401** pada 2014 kepada **0.399** pada 2016

0.399

% Pendapatan
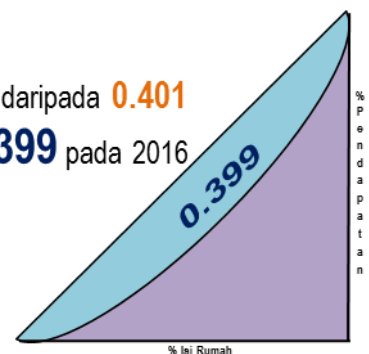
% Isi Rumah

Nota:
■ 2016 ■ 2014
[1] CAGR - Kadar pertumbuhan tahunan dikompaun (%)

Laporan PPIR & KA 2016

KUMPULAN ISI RUMAH

T20
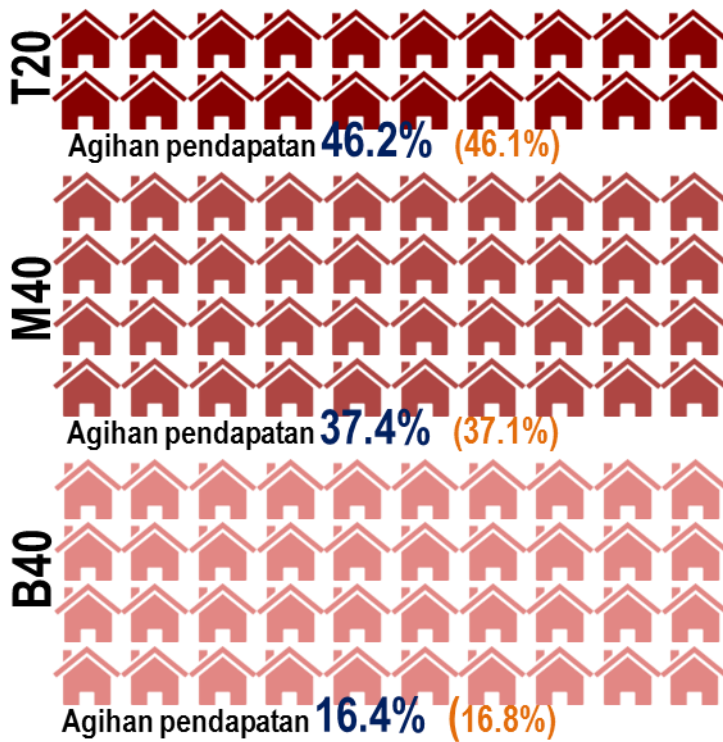
Pendapatan isi rumah penengah
RM13,148 RM11,610

Pendapatan isi rumah purata
RM16,088 RM14,305

Agihan pendapatan **46.2%** (46.1%)

M40

Pendapatan isi rumah penengah
RM6,275 RM5,465

Pendapatan isi rumah purata
RM6,502 RM5,662

Agihan pendapatan **37.4%** (37.1%)

B40

Pendapatan isi rumah penengah
RM3,000 RM2,629

Pendapatan isi rumah purata
RM2,848 RM2,537

Agihan pendapatan **16.4%** (16.8%)

PENDAPATAN PENENGAH MENGIKUT NEGERI

KELANTAN
RM3,079
RM2,716

W.P. KUALA LUMPUR
RM9,073
RM7,620

KEDAH
RM3,811
RM3,451

W.P. PUTRAJAYA
RM8,275
RM7,512

PAHANG
RM3,979
RM3,389

SELANGOR
RM7,225
RM6,214

PERAK
RM4,006
RM3,451

W.P. LABUAN
RM5,928
RM5,684

SABAH
RM4,110
RM3,745

MALAYSIA
RM5,228
RM4,585

JOHOR
RM5,652
RM5,197

SARAWAK
RM4,163
RM3,778

MELAKA
RM5,588
RM5,029

PERLIS
RM4,204
RM3,500

PULAU PINANG
RM5,409
RM4,702

NEGERI SEMBILAN
RM4,579
RM4,128

TERENGGANU
RM4,694
RM3,777

Nota:
■ 2016 ■ 2014

Laporan PPIR & KA 2016

KEMUDAHAN ASAS

JENIS RUMAH YANG DIDIAMI

Kuarters
4.1%
4.9%

Disewa
19.6%
19.0%

76.3%
76.1%
Dimiliki

CAPAIAN UTILITI AWAM

Bekalan air paip di rumah
95.5%
94.6%

Bekalan elektrik di rumah
99.9%
99.9%

Kutipan sampah di rumah
60.4%
57.8%
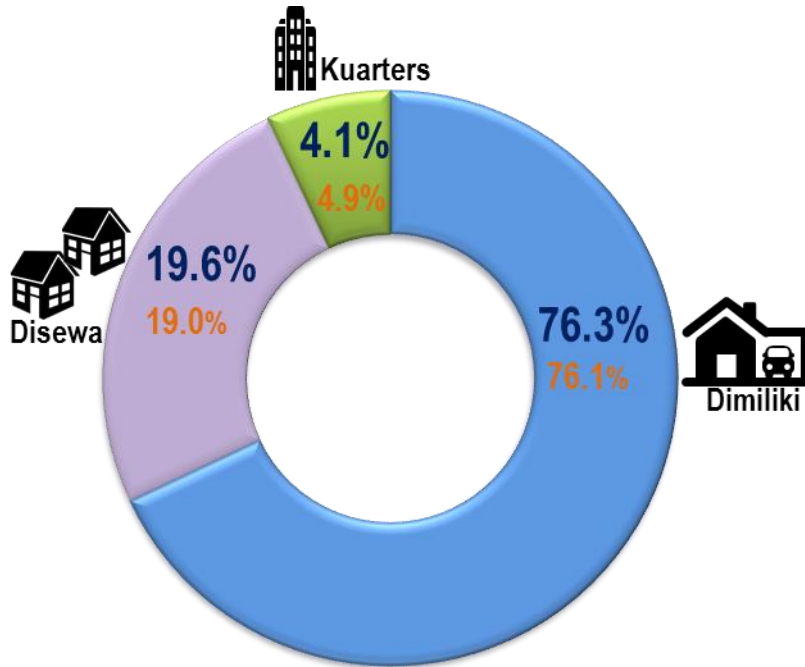
PEMILIKAN PERALATAN ISI RUMAH

Langganan Internet di Rumah
76.0% 44.3%

Tablet
35.2% 34.1%

Siaran TV Berbayar
70.1% 65.9%

Telefon Talian Tetap
26.5% 30.9%

Komputer Riba
52.2% 52.8%

Komputer Peribadi
19.3% 21.8%

Telefon Bimbit
97.9% 97.2%

Kereta
84.7% 83.9%

Motosikal
67.2% 67.4%

Nota:
2016   2014

Laporan PPIR & KA 2016
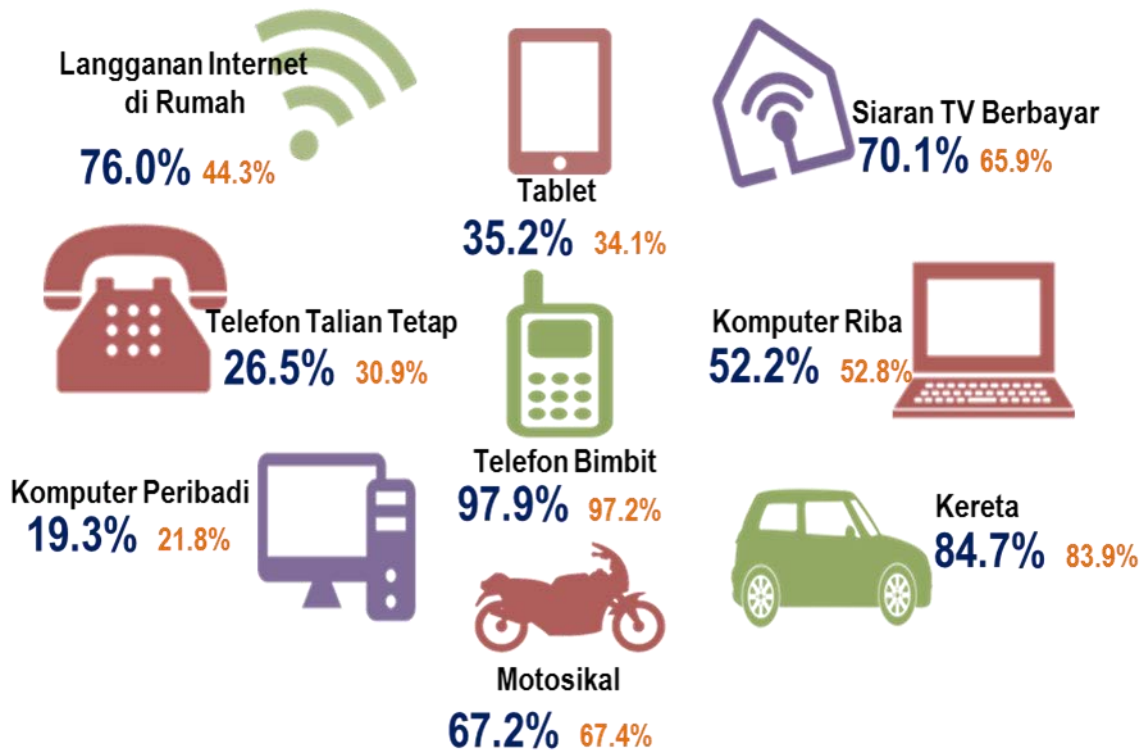
KEY STATISTICS
ON INCOME AND BASIC AMENITIES 2016

Total number of household **6.9 million** increased **4.1%** from **6.7 million (2014)**

Average household size **4.1** people **(2014 : 4.3)**

Average income recipients **1.8** people **(2014 : 1.8)**

MEDIAN INCOME

6.6% [1]
Per year

RM5,228 | 2016
RM4,585 | 2014

MEAN INCOME

RM6,958 | 2016
RM6,141 | 2014

6.2% [1]
Per year
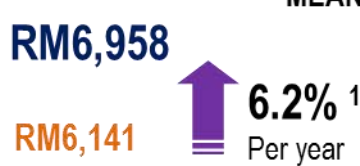
5 out of **10** households received **RM5,228** per month or less

4 MAIN SOURCES OF INCOME

Paid Employment
RM4,382 (63.0%)
RM3,989 (65.0%)

Self-Employed
RM1,088 (15.6%)
RM982 (16.0%)

Property & Investment
RM897 (12.9%)
RM704 (11.4%)

Current Transfer received
RM591 (8.5%)
RM466 (7.6%)

POVERTY

0.4%
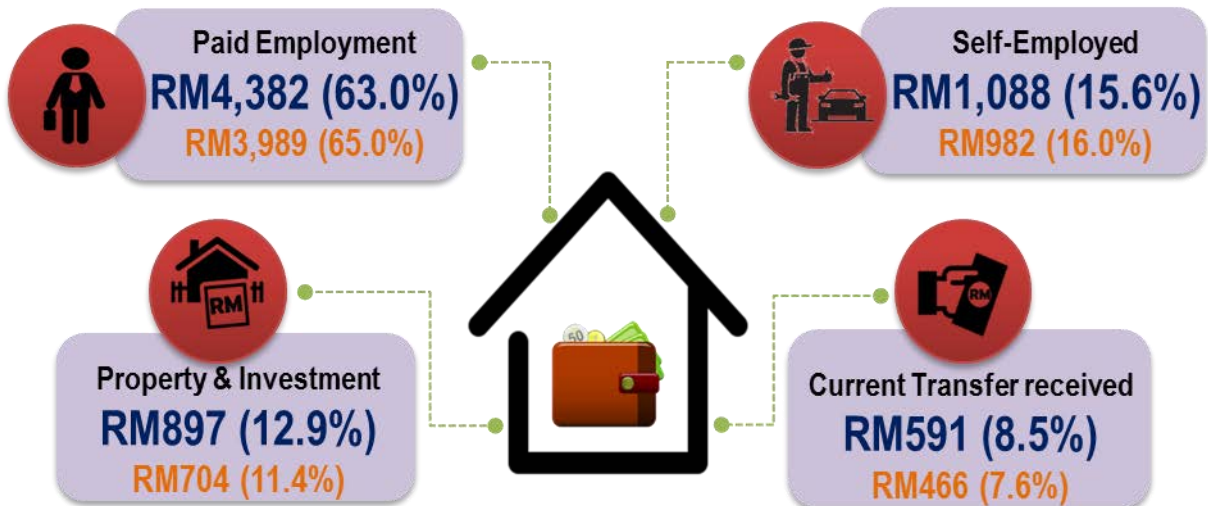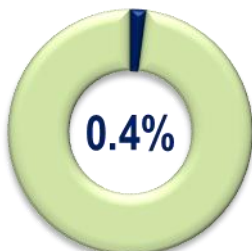
Incidence of poverty decreased from
0.6% in 2014 to **0.4%** in 2016

GINI COEFFICIENT

Gini Coefficient decreased from
0.401 in 2014 to **0.399** in 2016

0.399
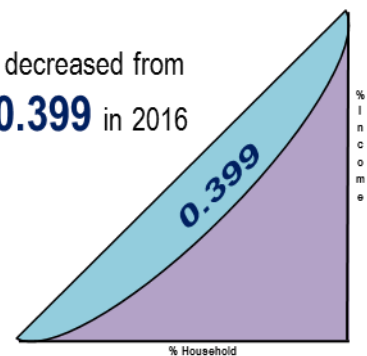
% Income

% Household

Note:
■ 2016   ■ 2014
[1] CAGR - Compounded annual growth rate (%)

Laporan PPIR & KA 2016

HOUSEHOLD GROUP

T20

Income share **46.2%** (46.1%)

Median household income
RM13,148 RM11,610
Mean household income
RM16,088 RM14,305

M40

Income share **37.4%** (37.1%)

Median household income
RM6,275 RM5,465
Mean household income
RM6,502 RM5,662

B40

Income share **16.4%** (16.8%)

Median household income
RM3,000 RM2,629
Mean household income
RM2,848 RM2,537

MEDIAN INCOME BY STATE

KELANTAN
RM3,079
RM2,716

W.P. KUALA LUMPUR
RM9,073
RM7,620

W.P. PUTRAJAYA
RM8,275
RM7,512

KEDAH
RM3,811
RM3,451

SELANGOR
RM7,225
RM6,214

PAHANG
RM3,979
RM3,389

W.P. LABUAN
RM5,928
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PERLIS
RM4,204
RM3,500

NEGERI SEMBILAN
RM4,579
RM4,128

TERENGGANU
RM4,694
RM3,777

Note:
■ 2016 ■ 2014

Laporan PPIR & KA 2016

BASIC AMENITIES

TYPE OF OCCUPIED DWELLING

Quarters
4.1%
4.9%

19.6%
19.0%
Rented

76.3%
76.1%
Owned

ACCESS TO PUBLIC UTILITIES

Water supply at home
95.5%
94.6%

Electricity supply at home
99.9%
99.9%

Garbage collection at home
60.4%
57.8%

HOUSEHOLD EQUIPMENT OWNERSHIP

Internet Subscription at Home
76.0% 44.3%

Tablet
35.2% 34.1%

Paid TV Channel
70.1% 65.9%

Fixed-line Telephone
26.5% 30.9%

Laptop
52.2% 52.8%

Personal Computer
19.3% 21.8%

Mobile Phone
97.9% 97.2%

Car
84.7% 83.9%

Motorcycle
67.2% 67.4%

Note:
■ 2016　■ 2014

Laporan PPIR & KA 2016
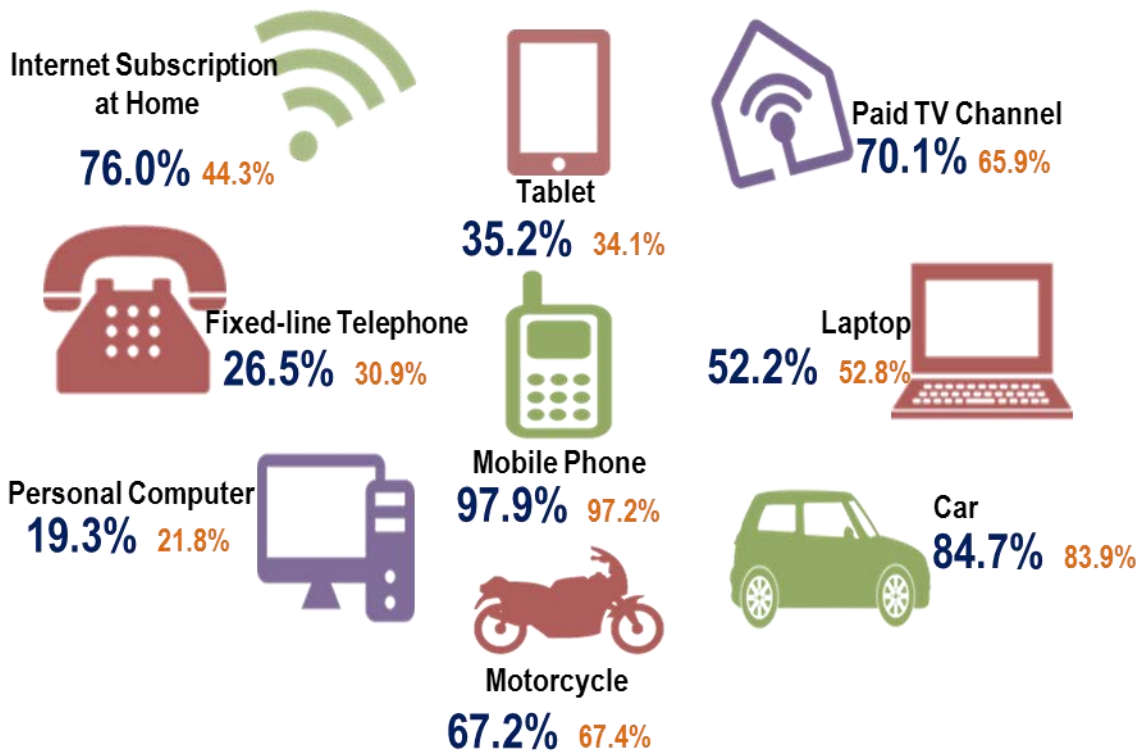
RINGKASAN PENEMUAN
Summary of Findings
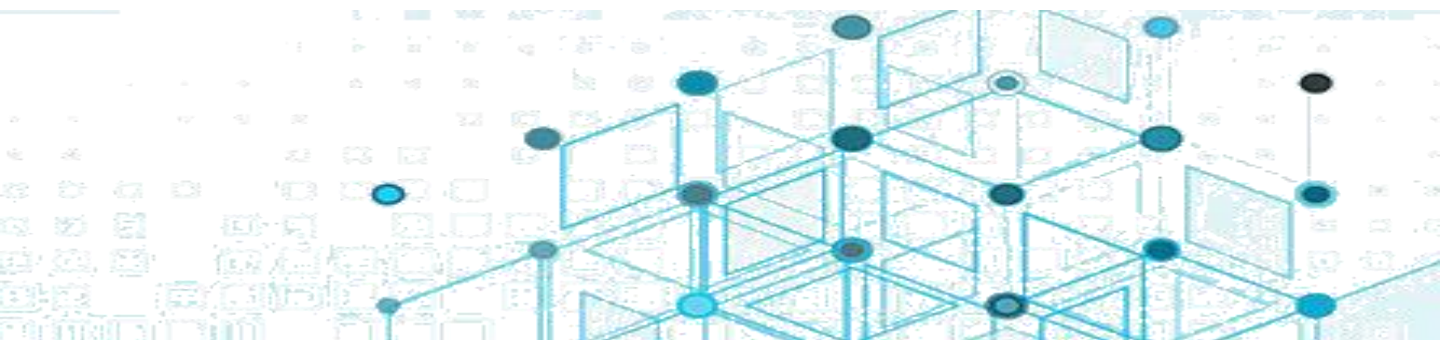
1. PENGENALAN

Laporan ini membentangkan statistik pendapatan isi rumah dan kemudahan asas Malaysia yang dijana daripada Penyiasatan Pendapatan Isi Rumah dan Kemudahan Asas (PPIR & KA) yang dijalankan pada 2016 dan 2017. Penyiasatan ini mengumpul data berkaitan ciri-ciri isi rumah Malaysia dan telah dilaksanakan melalui kaedah temu ramah bersemuka dalam tempoh dua belas bulan bermula Mei 2016 sehingga April 2017. Semua negeri telah diliputi dalam penyiasatan ini mengikut strata bandar dan luar bandar. Penyiasatan ini dijalankan secara saintifik dengan menggunakan sampel berkebarangkalian yang mewakili semua isi rumah warganegara Malaysia.

2. KONSEP ISI RUMAH DAN PENDAPATAN

Konsep isi rumah dan pendapatan yang digunakan di dalam PPIR & KA 2016 adalah seperti berikut:

ISI RUMAH

Seorang atau sekumpulan orang yang bersaudara atau tidak bersaudara yang biasanya tinggal bersama dalam satu **tempat kediaman** serta membuat peruntukan (perbelanjaan) secara bersama untuk makanan dan keperluan hidup yang lain.

Pada 2016, purata saiz isi rumah di **Malaysia** adalah **4.1 orang**.

PENERIMA PENDAPATAN

Ahli isi rumah yang menerima pendapatan dalam tempoh rujukan penyiasatan iaitu sekurang-kurangnya seorang penerima pendapatan.

Pada 2016, purata penerima pendapatan bagi setiap isi rumah di **Malaysia** adalah **1.8 orang**.

PENDAPATAN ISI RUMAH

Keseluruhan pendapatan yang biasanya diterima (terakru) oleh ahli isi rumah, sama ada dalam bentuk wang tunai atau barangan yang diterima berulang kali dalam tempoh rujukan penyiasatan. Statistik pendapatan yang dipaparkan dalam laporan ini mengguna pakai konsep pendapatan kasar.

Pada 2016, pendapatan isi rumah bulanan penengah dan purata di **Malaysia** masing-masing **RM5,228** dan **RM6,958**.

PENDAPATAN ISI RUMAH

3. PUNCA PENDAPATAN

Secara umumnya, terdapat empat punca pendapatan yang boleh diterima (terakru) oleh isi rumah iaitu pendapatan daripada Pekerjaan Bergaji, Bekerja Sendiri, pendapatan daripada Harta & Pelaburan dan Pindahan Semasa diterima. Isi rumah boleh mempunyai lebih daripada seorang penerima pendapatan dan pendapatan yang diterima boleh diperoleh daripada pelbagai punca. Pada 2016, 56.0 peratus daripada isi rumah di Malaysia mempunyai lebih daripada seorang penerima pendapatan berbanding 56.7 peratus pada tahun 2014.

Rajah 1 : Punca pendapatan yang diterima oleh isi rumah

Pindahan Semasa diterima

Contoh:
• Pemberian daripada isi rumah lain
• Pencen
• Pembayaran berkala lain

Pekerjaan Bergaji

Contoh:
• Gaji yang dibayar majikan
• Bonus dan elaun
• Makanan percuma atau konsesi
  • Terimaan lain daripada majikan

Harta & Pelaburan

Contoh:
• Sewaan daripada harta
• Royalti
• Faedah simpanan & pinjaman yang diberi
  • Dividen daripada pemilikan saham

Bekerja Sendiri

Contoh:
• Aktiviti pertanian (termasuk kegunaan sendiri)
• Aktiviti bukan pertanian (termasuk kegunaan sendiri)

Pada 2016 punca pendapatan isi rumah yang terbesar adalah daripada Pekerjaan Bergaji iaitu 63.0 peratus, diikuti oleh Bekerja Sendiri (15.6%), pendapatan daripada Harta & Pelaburan (12.9%) dan Pindahan Semasa diterima (8.5%). Pendapatan daripada Harta & Pelaburan dan Pindahan Semasa diterima telah meningkat masing-masing 1.5 mata peratus dan 0.9 mata peratus pada 2016.

Carta 1:
Punca pendapatan isi rumah, Malaysia, 2014 dan 2016

2014 (%)

65.0	
16.0	
11.4	
7.6	

2016 (%)

63.0	
15.6	
12.9	
8.5	

■ Pekerjaan Bergaji ■ Bekerja Sendiri ■ Harta & Pelaburan ■ Pindahan Semasa diterima
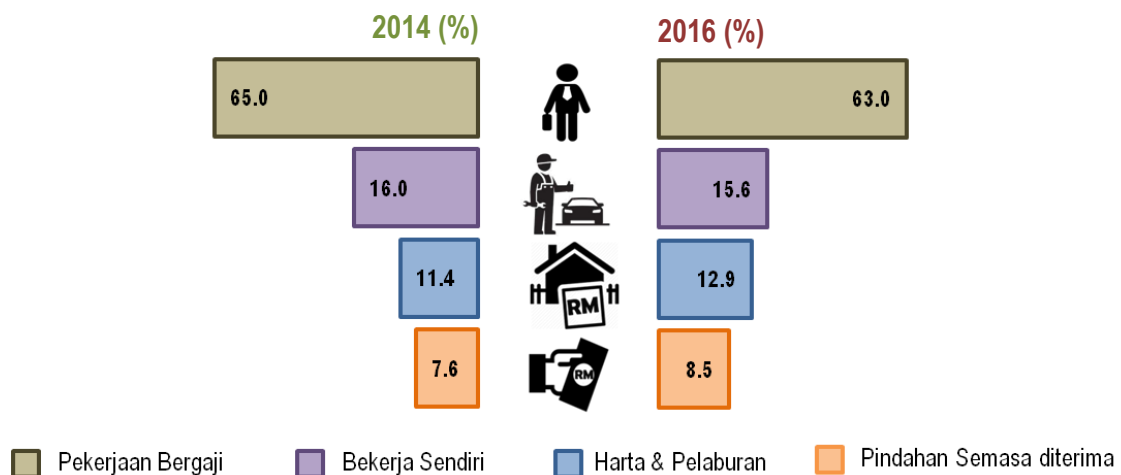
4. PENDAPATAN PENENGAH

Penemuan utama PPIR & KA 2016 mendapati pendapatan isi rumah bulanan penengah Malaysia telah meningkat kepada RM5,228 pada 2016 berbanding RM4,585 pada 2014 iaitu tumbuh pada kadar 6.6 peratus setahun pada nilai nominal. Pada nilai benar[2], pendapatan isi rumah bulanan penengah meningkat sebanyak 4.4 peratus.

Pendapatan isi rumah bulanan penengah mengikut strata bandar meningkat pada kadar 6.4 peratus setahun daripada RM5,156 pada 2014 kepada RM5,860 pada 2016. Pada masa yang sama, pendapatan isi rumah bulanan penengah luar bandar turut bertambah pada kadar 5.3 peratus setahun daripada RM3,123 kepada RM3,471.

Carta 2:
Pendapatan isi rumah bulanan penengah mengikut strata, Malaysia, 2014 dan 2016

	Pendapatan Penengah (RM)		
	2014	**2016**	**CAGR[3]**
Malaysia	4,585	5,228	6.6%
Bandar	5,156	5,860	6.4%
Luar bandar	3,123	3,471	5.3%
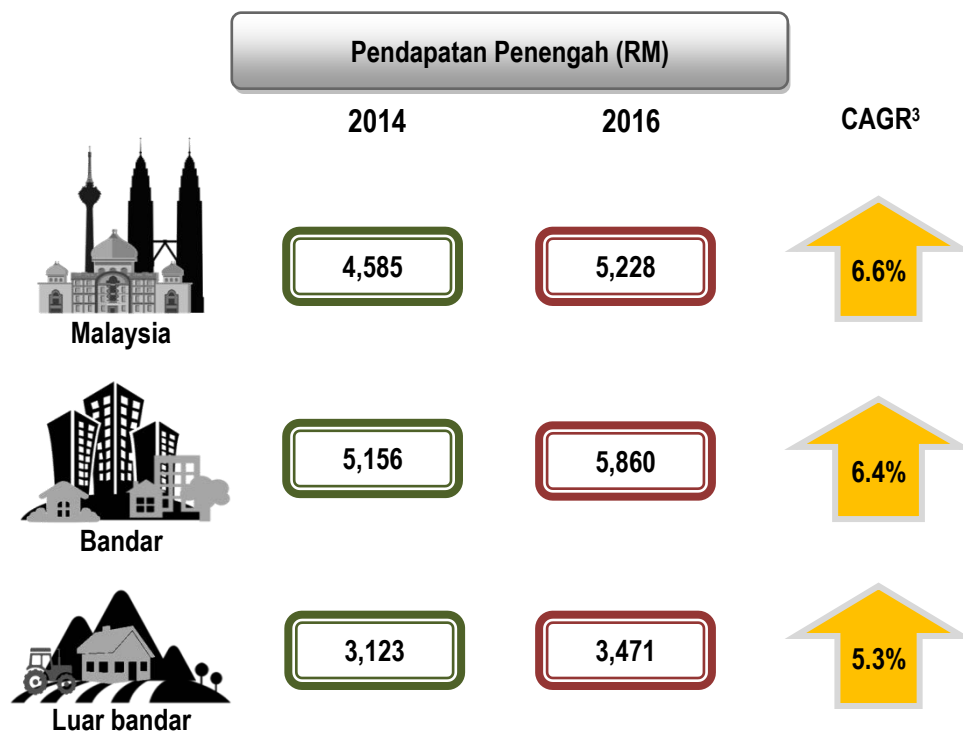
Nota:

[2] Pengiraan nilai benar adalah merujuk kepada harga malar iaitu menggunakan Indeks Harga Pengguna dengan tahun asas 2010 sebagai *deflator*

[3] CAGR - Kadar pertumbuhan tahunan dikompaun (%)

5. PENDAPATAN PENENGAH MENGIKUT NEGERI

Pada 2016, W.P. Kuala Lumpur mencatatkan pendapatan penengah tertinggi iaitu RM9,073 diikuti oleh W.P. Putrajaya (RM8,275), Selangor (RM7,225), W.P. Labuan (RM5,928), Johor (RM5,652), Melaka (RM5,588) dan Pulau Pinang (RM5,409). Negeri-negeri lain merekodkan pendapatan penengah di bawah paras nasional iaitu RM5,228.

Terengganu mencatatkan peningkatan tertinggi kadar pertumbuhan tahunan bagi pendapatan isi rumah bulanan penengah sebanyak 10.9 peratus dalam tempoh 2014 hingga 2016. Selain itu, enam negeri lain juga melepasi kadar pertumbuhan penengah di peringkat nasional adalah Perlis (9.2%), W.P. Kuala Lumpur (8.7%), Pahang (8.0 %), Selangor (7.5%), Perak (7.5%) dan Pulau Pinang (7.0%).

Carta 3:
Pendapatan isi rumah bulanan penengah mengikut negeri, Malaysia, 2014 dan 2016

(%)	RM 2014	Negeri	RM 2016	(%)
13.2	7,620	W.P. Kuala Lumpur	9,073	8.7
7.3	7,512	W.P. Putrajaya	8,275	4.8
7.5	6,214	Selangor	7,225	7.5
5.8	5,684	W.P. Labuan	5,928	2.1
17.7	5,197	Johor	5,652	4.2
12.4	5,029	Melaka	5,588	5.3
7.6	4,702	Pulau Pinang	5,409	7.0
11.0	3,777	Terengganu	4,694	10.9
7.2	4,128	Negeri Sembilan	4,579	5.2
19.1	3,500	Perlis	4,204	9.2
10.8	3,778	Sarawak	4,163	4.9
13.5	3,745	Sabah	4,110	4.7
12.9	3,451	Perak	4,006	7.5
5.0	3,389	Pahang	3,979	8.0
13.5	3,451	Kedah	3,811	5.0
8.8	2,716	Kelantan	3,079	6.3

MALAYSIA RM4,585 (11.7%)

MALAYSIA RM5,228 (6.6%)

12,000   8,000   4,000   0   0   4,000   8,000   12,000

6. PENDAPATAN PENENGAH MENGIKUT KUMPULAN ETNIK UTAMA

Pada 2016, pendapatan isi rumah bulanan penengah Bumiputera meningkat sebanyak 7.0 peratus kepada RM4,846. Di samping itu, pendapatan isi rumah bulanan penengah Cina dan India meningkat masing-masing kepada RM6,582 (7.1%) dan RM5,428 (8.0%).

Carta 4:
Pendapatan isi rumah bulanan penengah mengikut kumpulan etnik utama, Malaysia, 2014 dan 2016

CAGR

7.0%   7.1%   8.0%

2014
2016

RM4,214   RM4,846
RM5,708   RM6,582
RM4,627   RM5,428

Bumiputera   Cina   India
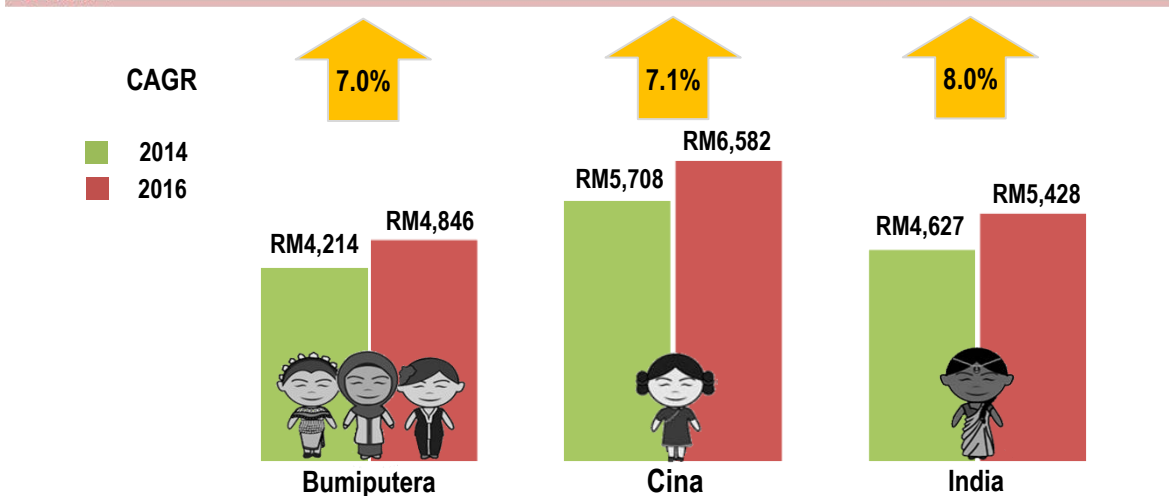
7. PENDAPATAN PENENGAH MENGIKUT KUMPULAN ISI RUMAH

Pendapatan penengah bagi kumpulan terendah 40% (B40), kumpulan pertengahan 40% (M40) dan kumpulan tertinggi 20% (T20) telah meningkat pada 2016 berbanding 2014. Kumpulan isi rumah M40 telah merekodkan pertumbuhan tertinggi, sebanyak 6.9 peratus setahun diikuti oleh kumpulan isi rumah B40 (6.6%) dan T20 (6.2%).

Carta 5:
Pendapatan bulanan penengah mengikut kumpulan isi rumah, Malaysia, 2014 dan 2016

Pendapatan Penengah (RM)

M40
2014 : RM5,465
2016 : RM6,275
CAGR : 6.9%

T20
2014 : RM11,610
2016 : RM13,148
CAGR : 6.2%

B40
2014 : RM2,629
2016 : RM3,000
CAGR : 6.6%
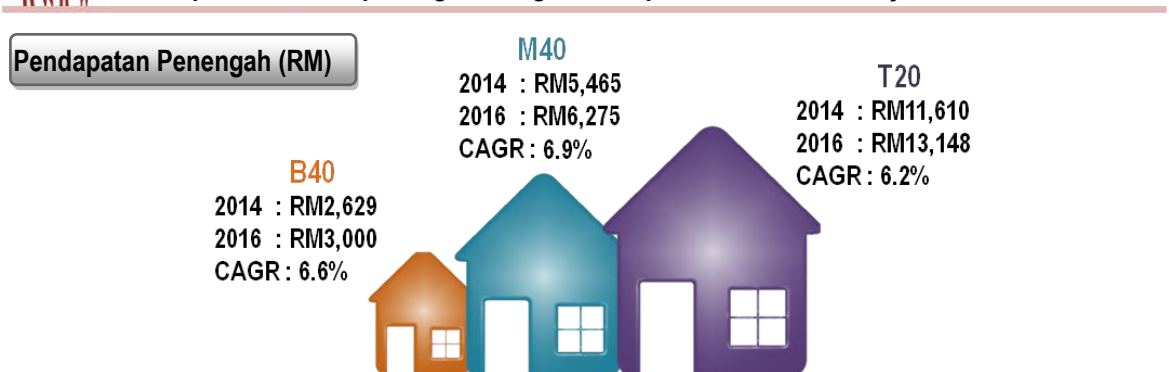
8. PENDAPATAN PURATA

Pada keseluruhannya, penemuan PPIR & KA 2016 mendapati pendapatan isi rumah bulanan purata Malaysia telah meningkat daripada RM6,141 pada 2014 kepada RM6,958 pada 2016 iaitu 6.2 peratus setahun pada nilai nominal. Pada nilai benar, pendapatan isi rumah bulanan purata tumbuh pada kadar 4.2 peratus setahun.

Pendapatan isi rumah bulanan purata di bandar meningkat 5.8 peratus setahun daripada RM6,833 kepada RM7,671 dalam tempoh 2014 hingga 2016. Sementara itu, pendapatan isi rumah bulanan purata di luar bandar pula bertambah pada kadar 6.5 peratus setahun daripada RM3,831 kepada RM4,359.

Carta 6:
Pendapatan isi rumah bulanan purata mengikut strata, Malaysia, 2014 dan 2016

Pendapatan Purata (RM)

	2014	2016	CAGR
Malaysia	6,141	6,958	6.2%
Bandar	6,833	7,671	5.8%
Luar bandar	3,831	4,359	6.5%
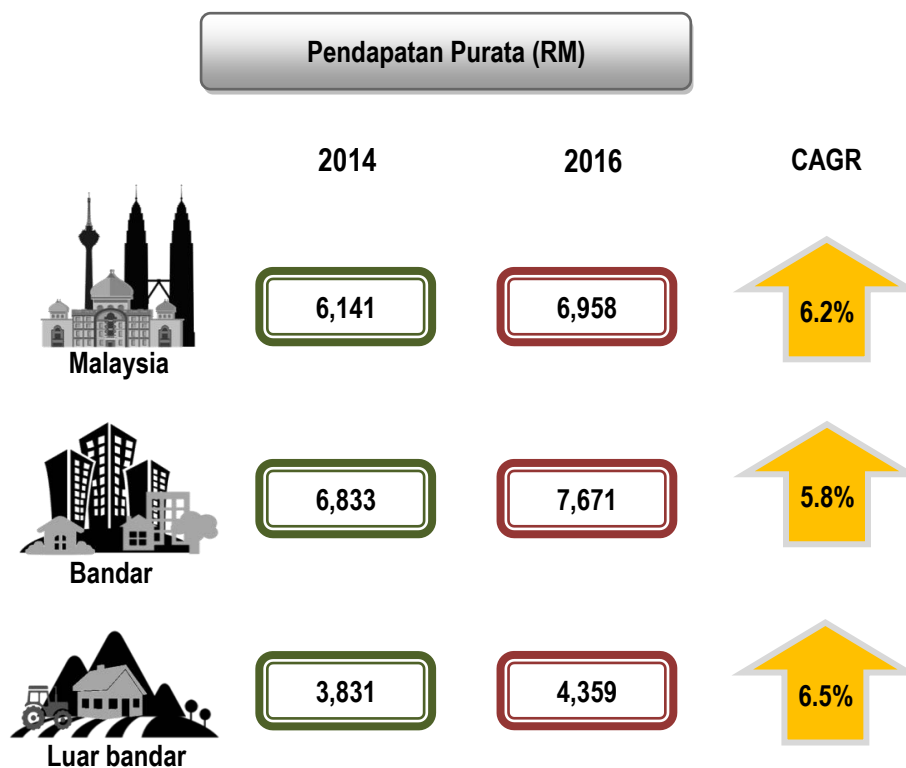
9. PENDAPATAN PURATA MENGIKUT NEGERI

W.P. Kuala Lumpur merekodkan pendapatan isi rumah bulanan purata tertinggi (RM11,692) pada 2016 diikuti oleh W.P. Putrajaya (RM11,555), Selangor (RM9,463) dan W.P. Labuan (RM8,174). Negeri-negeri lain merekodkan pendapatan isi rumah bulanan purata di bawah paras nasional (RM6,958).

Pendapatan isi rumah bulanan purata bagi semua negeri telah meningkat di mana lima negeri melebihi kadar purata pertumbuhan nasional iaitu 6.2 peratus. Terengganu mencatatkan kadar pertumbuhan tertinggi iaitu sebanyak 9.1 peratus, diikuti oleh Perak (8.6%), Pahang (7.2%), Selangor (6.8%) dan Kelantan (6.3%).

Carta 7:
Pendapatan isi rumah bulanan purata mengikut negeri, Malaysia, 2014 dan 2016

	2014			2016	
(%)	RM	Negeri	RM		(%)
10.7	10,629	W.P. Kuala Lumpur	11,692		4.8
12.5	10,401	W.P. Putrajaya	11,555		5.3
8.1	8,252	Selangor	9,463		6.8
9.2	7,591	W.P. Labuan	8,174		3.7
14.4	6,207	Johor	6,928		5.5
12.0	6,046	Melaka	6,849		6.2
8.5	5,993	Pulau Pinang	6,771		6.1
7.1	5,271	Negeri Sembilan	5,887		5.5
9.7	4,816	Terengganu	5,776		9.1
7.0	4,934	Sarawak	5,387		4.4
9.8	4,879	Sabah	5,354		4.6
9.2	4,268	Perak	5,065		8.6
7.4	4,343	Pahang	5,012		7.2
11.4	4,445	Perlis	4,998		5.9
13.4	4,478	Kedah	4,971		5.2
8.0	3,715	Kelantan	4,214		6.3

MALAYSIA RM6,141 (10.3%)

MALAYSIA RM6,958 (6.2%)

10. PENDAPATAN PURATA MENGIKUT KUMPULAN ETNIK UTAMA

Pendapatan isi rumah bulanan purata bagi Bumiputera telah meningkat sebanyak 6.1 peratus setahun daripada RM5,548 kepada RM6,267 bagi tempoh 2014 hingga 2016. Pada tempoh yang sama pendapatan isi rumah bulanan purata bagi Cina dan India juga telah meningkat masing-masing pada kadar 6.6 peratus dan 6.8 peratus setahun.

Carta 8:
Pendapatan isi rumah bulanan purata mengikut kumpulan etnik utama, Malaysia, 2014 dan 2016

CAGR

	6.1%		6.6%		6.8%

- 2014
- 2016

RM8,750

RM7,666

RM7,150

RM6,246

RM6,267

RM5,548

Bumiputera   **Cina**   **India**
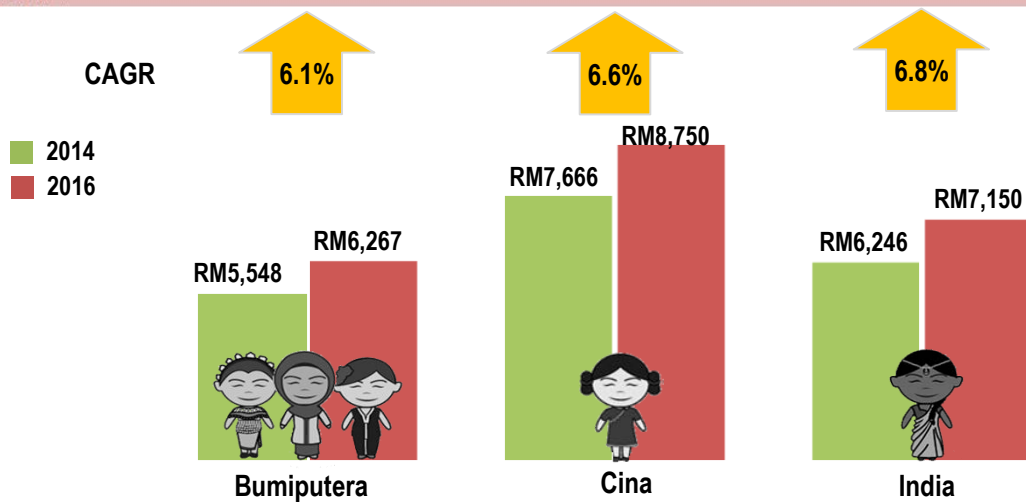
11. PENDAPATAN PURATA MENGIKUT KUMPULAN ISI RUMAH

Pendapatan isi rumah bulanan purata bagi semua kumpulan isi rumah mencatatkan peningkatan dalam tempoh 2014 kepada 2016. Kumpulan M40 merekodkan kadar pertumbuhan tahunan tertinggi sebanyak 6.9 peratus daripada RM5,662 pada 2014 kepada RM6,502 pada 2016.

Carta 9:
Pendapatan bulanan purata mengikut kumpulan isi rumah, Malaysia, 2014 dan 2016

Pendapatan Purata (RM)

M40
2014 : RM5,662
2016 : RM6,502
CAGR : 6.9%

T20
2014 : RM14,305
2016 : RM16,088
CAGR : 5.9%

B40
2014 : RM2,537
2016 : RM2,848
CAGR : 5.8%

Laporan PPIR & KA 2016
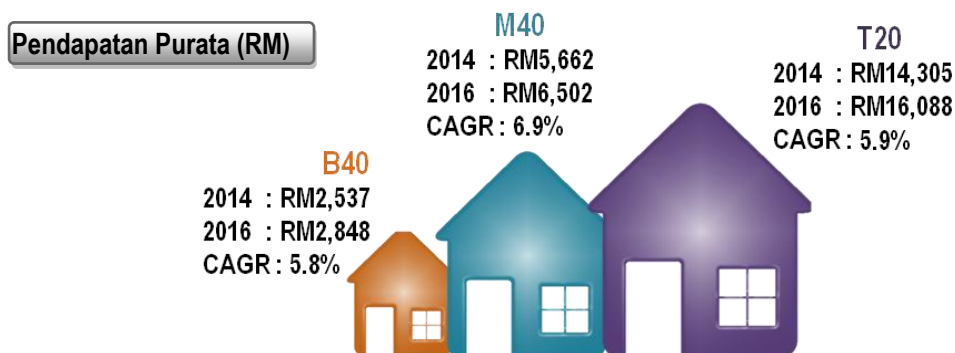
PENGAGIHAN PENDAPATAN

12.   KETIDAKSEIMBANGAN MENGIKUT STRATA

Pada 2016, Pekali Gini bagi keseluruhan menurun kepada 0.399 daripada 0.401 (2014). Taburan pendapatan isi rumah strata bandar menurun kepada 0.389, manakala pengagihan pendapatan isi rumah strata luar bandar meningkat kepada 0.364.

Dari segi nisbah ketidaksamaan pendapatan menunjukkan nisbah luar bandar dengan bandar bertambah baik kepada 1:1.76 pada 2016 daripada 1:1.78 pada 2014.

Carta 10:
Pekali Gini mengikut strata, Malaysia, 2014 dan 2016

0.2 mata peratus

0.2 mata peratus

0.9 mata peratus

2014
2016

0.401   0.399

0.391   0.389

0.355   0.364

Malaysia

Bandar

Luar bandar
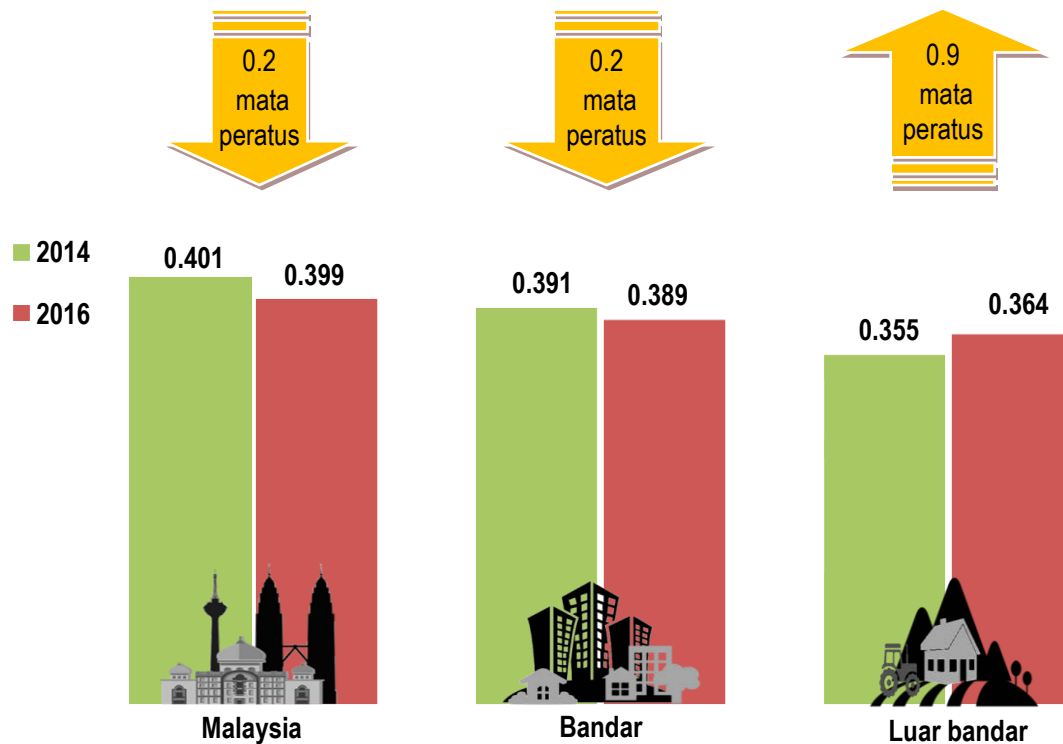
13. KETIDAKSEIMBANGAN MENGIKUT KUMPULAN ETNIK UTAMA

Di kalangan tiga kumpulan etnik utama, jurang pendapatan bagi India telah bertambah baik dicerminkan oleh kejatuhan Pekali Gini sebanyak 1.4 mata peratus[4]. Ini diikuti oleh Bumiputera (0.4 mata peratus) manakala Pekali Gini bagi Cina meningkat sebanyak 0.6 mata peratus.

Nisbah jurang pendapatan antara Bumiputera dengan Cina bertambah daripada 1:1.38 pada 2014 kepada 1:1.39 pada 2016. Manakala, nisbah jurang pendapatan antara Bumiputera dan India telah berkurangan kepada 1:1.22 pada 2016 daripada 1:1.23 pada 2014.

Carta 11:
Pekali Gini mengikut kumpulan etnik utama, Malaysia 2014 dan 2016

	0.4 mata peratus	0.6 mata peratus	1.4 mata peratus
2014	0.389	0.405	0.396
2016	0.385	0.411	0.382
	Bumiputera	Cina	India
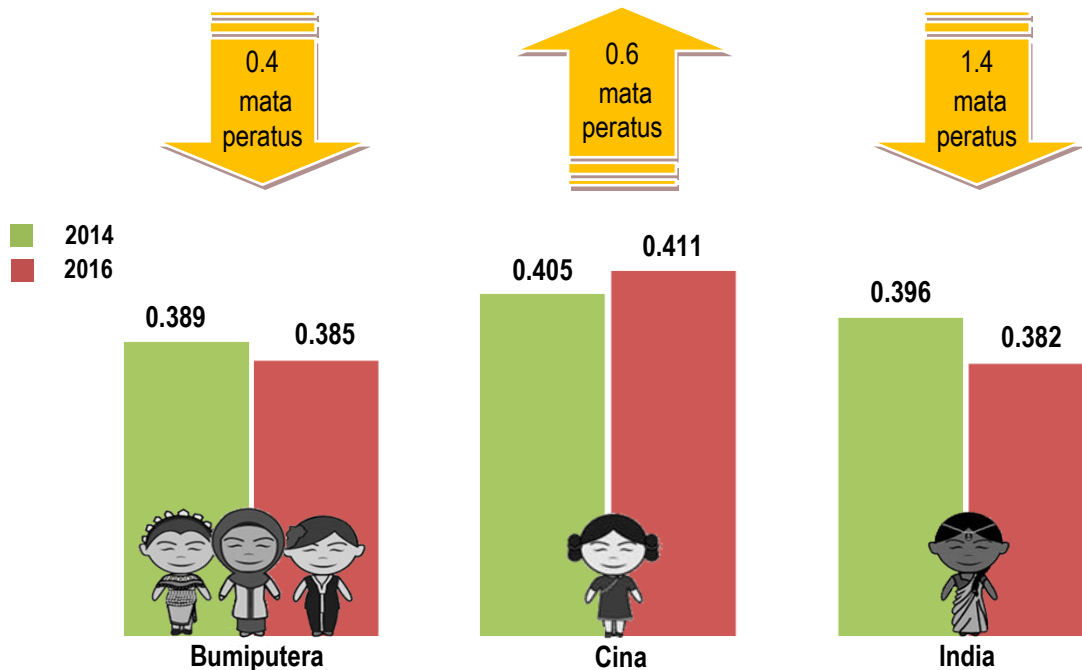
Nisbah Ketidaksamaan Pendapatan

	2014	2016
Bumiputera : Cina	1 : 1.38	1 : 1.39
Bumiputera : India	1 : 1.23	1 : 1.22

Nota: [4]Nilai Pekali Gini boleh dipersembahkan dalam nilai peratus. Contohnya 0.382 bersamaan 38.2 peratus

14. INSIDEN KEMISKINAN MENGIKUT STRATA DAN KUMPULAN ETNIK UTAMA

Insiden kemiskinan keseluruhan bertambah baik daripada 0.6 peratus pada 2014 kepada 0.4 peratus pada 2016. Pada masa yang sama, insiden kemiskinan di bandar dan luar bandar turut mencatatkan penurunan masing-masing kepada 0.2 peratus dan 1.0 peratus. Insiden kemiskinan bagi Bumiputera dan India merekodkan pengurangan kepada 0.5 peratus dan 0.1 peratus, manakala Cina kekal pada 0.1 peratus.

Carta 12:
Insiden kemiskinan mengikut strata, Malaysia, 2014 dan 2016

2014   2016

	2014 (%)	2016 (%)
Malaysia	0.6	0.4
Bandar	0.3	0.2
Luar bandar	1.6	1.0
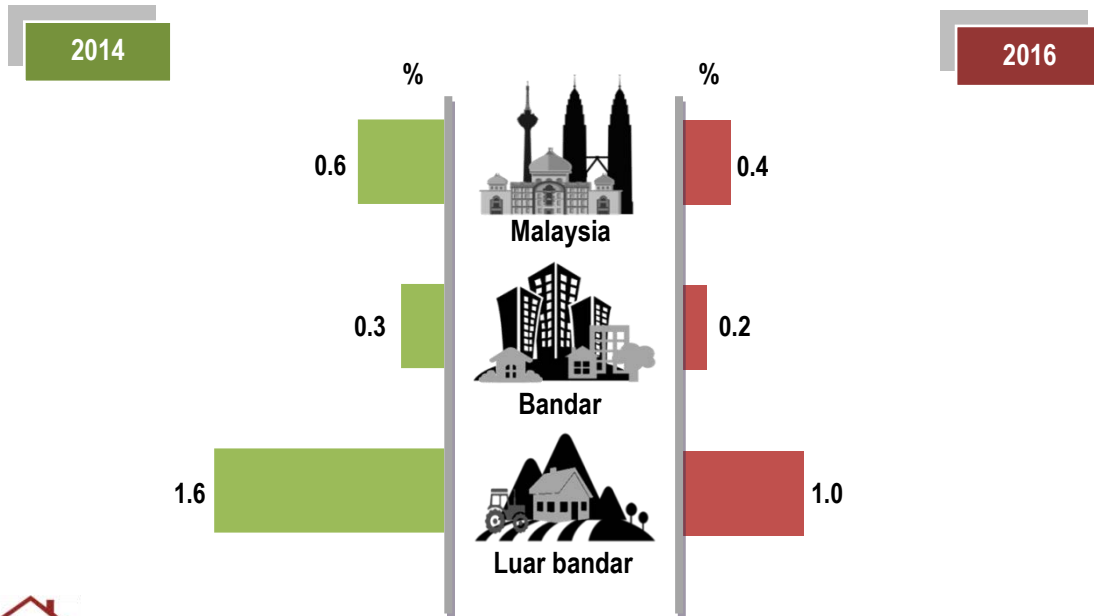
Carta 13:
Insiden kemiskinan mengikut kumpulan etnik utama, Malaysia, 2014 dan 2016

2014   2016

	2014 (%)	2016 (%)
Bumiputera	0.8	0.5
Cina	0.1	0.1
India	0.6	0.1

Laporan PPIR & KA 2016
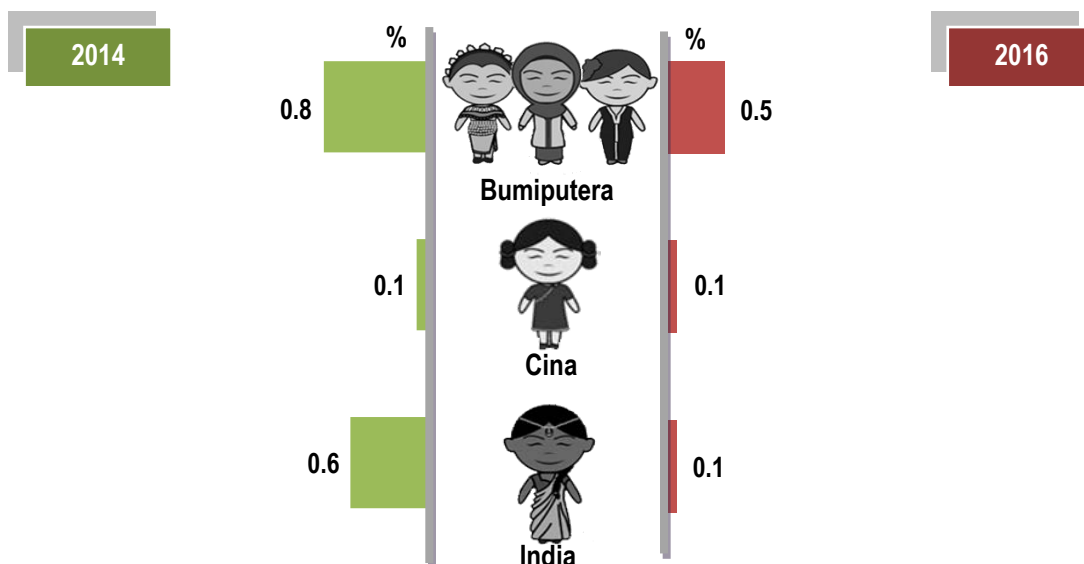
KEMUDAHAN ASAS

15.   JENIS RUMAH YANG DIDIAMI

Peratus rumah yang didiami oleh isi rumah telah meningkat sebanyak 0.2 mata peratus daripada 76.1 peratus pada 2014 kepada 76.3 peratus pada 2016. Manakala, peratusan tempat kediaman yang disewa juga meningkat sebanyak 0.6 mata peratus dan peratusan kuarters menurun 0.8 mata peratus.

Carta 14:
Peratusan jenis rumah yang didiami oleh isi rumah, Malaysia, 2014 dan 2016

Dimiliki	Disewa	Kuarters
76.1%	**19.0%**	**4.9%**
76.3%	**19.6%**	**4.1%**
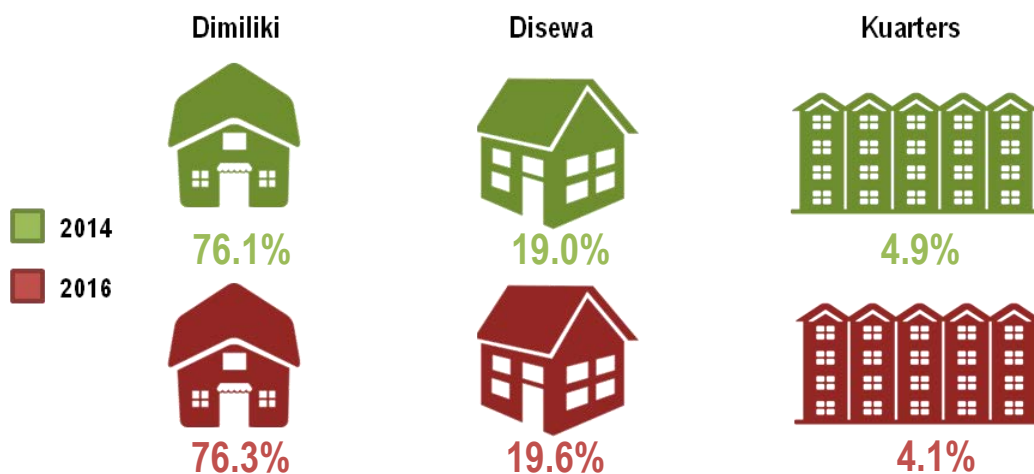
2014
2016

16.   PEMILIKAN KENDERAAN BERMOTOR

Peratusan isi rumah yang memiliki kereta telah meningkat sebanyak 0.8 mata peratus daripada 83.9 peratus pada 2014 kepada 84.7 peratus pada 2016. Walau bagaimanapun, pemilikan motosikal menurun 0.2 mata peratus kepada 67.2 peratus daripada 67.4 peratus (2014).

Carta 15:
Peratusan isi rumah mengikut pemilikan kenderaan bermotor, Malaysia, 2014 dan 2016

2014 : **83.9%**
2016 : **84.7%**

2014 : **67.4%**
2016 : **67.2%**

Laporan PPIR & KA 2016
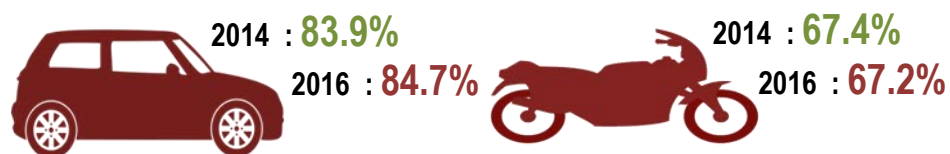
17. PEMILIKAN PERALATAN DAN PERKHIDMATAN ICT

Peratus pemilikan peralatan dan perkhidmatan ICT bagi isi rumah semakin meningkat pada 2016 berbanding 2014. Peningkatan yang paling ketara adalah langganan internet di rumah bagi isi rumah, mencatatkan pertambahan sebanyak 31.7 mata peratus daripada 44.3 peratus pada 2014 kepada 76.0 peratus pada 2016. Pemilikan bagi telefon bimbit dan tablet juga telah meningkat masing-masing kepada 97.9 peratus dan 35.2 peratus pada 2016. Sebaliknya, pemilikan komputer peribadi telah menurun kepada 19.3 peratus.

Carta 16:
Peratusan isi rumah mengikut peralatan dan perkhidmatan ICT, Malaysia, 2014 dan 2016

Langganan Internet di Rumah
2014 : 44.3%
2016 : 76.0%

Tablet
2014 : 34.1%
2016 : 35.2%

Komputer Peribadi
2014 : 21.8%
2016 : 19.3%

Televisyen
2014 : 97.7%
2016 : 98.1%

Telefon Bimbit
2014 : 97.2%
2016 : 97.9%

Komputer Riba
2014 : 52.8%
2016 : 52.2%

Telefon Talian Tetap
2014 : 30.9%
2016 : 26.5%

Radio/Hifi
2014 : 83.1%
2016 : 89.1%

Siaran TV Berbayar
2014 : 65.9%
2016 : 70.1%
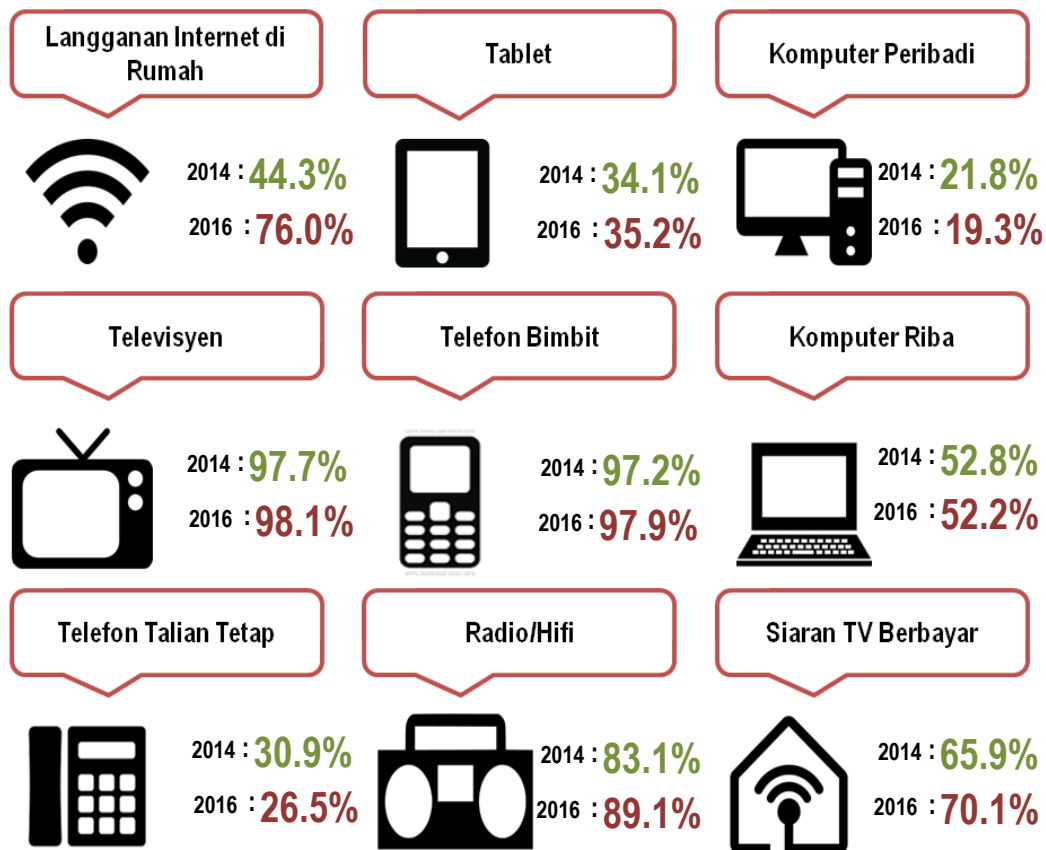
18. CAPAIAN KEPADA UTILITI AWAM

Peratusan isi rumah yang memiliki air paip di rumah telah meningkat sebanyak 0.9 mata peratus daripada 94.6 peratus pada 2014 kepada 95.5 peratus pada 2016. Dalam tempoh yang sama, perkhidmatan kemudahan kutipan sampah ke tempat kediaman meningkat sebanyak 2.6 mata peratus kepada 60.4 peratus. Isi rumah yang memiliki kemudahan bekalan elektrik kekal sebanyak 99.9 peratus pada 2014 dan 2016.

Carta 17:
Peratusan isi rumah mengikut capaian kepada utiliti awam, Malaysia, 2014 dan 2016

2014   2016

Bekalan Air

Air paip di rumah	Air paip awam	Lain-lain
94.6% 95.5%	0.5% 0.4%	4.9% 4.1%

Kemudahan Kutipan Sampah

Tempat Kediaman	Kawasan[5]	Lain-lain
57.8% 60.4%	26.1% 24.6%	16.1% 15.0%

Bekalan Elektrik

99.9%   99.9%
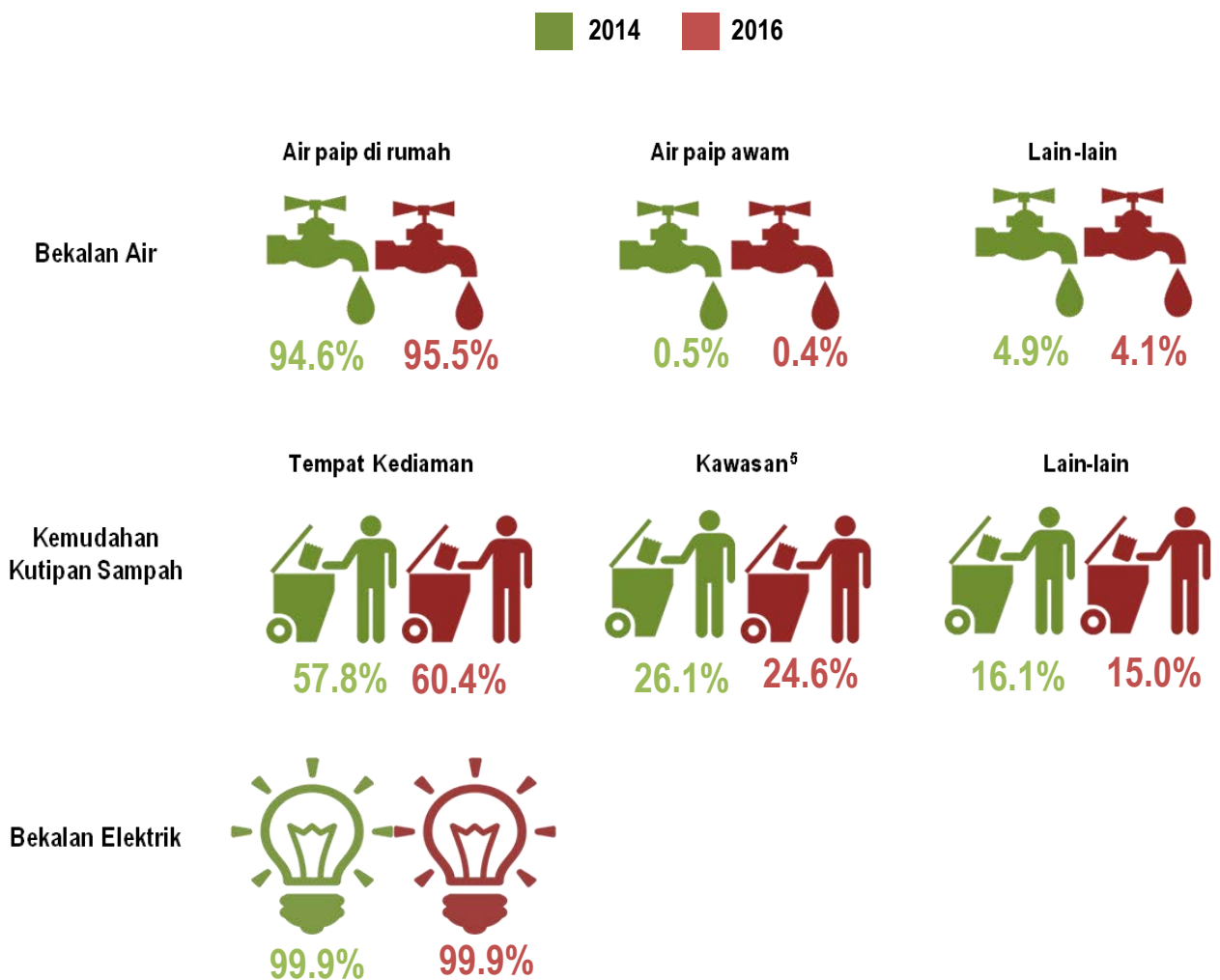
Nota : [5] Kutipan sampah di tempat pengumpulan yang jaraknya melebihi 100 meter dari tempat kediaman

1.   INTRODUCTION

This report presents statistics on the household income and basic amenities for Malaysia, derived from the Household Income and Basic Amenities Survey (HIS & BA) conducted in 2016 and 2017. This survey collects data on the characteristics of Malaysian household and has been carried out using personal interview approach for a period of twelve months starting from May 2016 until April 2017.   All states were covered in this survey and stratified into urban and rural strata. This survey was carried out scientifically using probability samples that represent all Malaysian households.

2.   HOUSEHOLD AND INCOME CONCEPTS

The concepts of household and income used in the HIS & BA 2016 was summarised as follows:

HOUSEHOLD
A person or group of people whether related or unrelated who usually live together in a *living quarters* and make provisions (expenses) for food and other necessities of life together.

In 2016, the average size of households in **Malaysia** was **4.1 persons**.

INCOME RECIPIENT
Household members who receive income in the reference period with at least one income recipient.

In 2016, average income recipients in **Malaysia** was **1.8 persons**.

HOUSEHOLD INCOME
Overall income that usually (accrued) earned by household members, whether in cash or in kind received repeatedly in the reference period. Income statistics presented in this report referred to Gross Income.

In 2016, median and mean monthly income in **Malaysia** were **RM5,228** and **RM6,958** respectively.

HOUSEHOLD INCOME

3.   SOURCES OF INCOME

In general, there are four sources of income that can be received (accrued) by household, namely income from Paid Employment, Self-Employed, income from Property & Investments and Current Transfer received. A household can have more than one income recipient and the income received can be from various sources. In 2016, 56.0 per cent of households in Malaysia have more than one income recipient as compared to 56.7 per cent in 2014.

Figure 1: Sources of income received by household

Current Transfer received

Examples:
• Remittance from other households
• Pension
• Other periodical payments

Paid Employment

Examples:
• Salary paid by employers
• Bonus & allowances
• Free food or concession
• Other receipts from employers

Property & Investment

Examples:
• Rental from property
• Royalty
• Interest from savings & loan granted
• Dividends from shares owned

Self-Employed

Examples:
• Agricultural activities (include for own consumption)
• Non-agriculture activities (include for own consumption)

In 2016, the main source of household income was from Paid Employment (63.0%), followed by Self-Employed (15.6%), income from Property & Investment (12.9 %) and Current Transfer received (8.5%). Income from Property & Investment and Current Transfer received have increased by 1.5 percentage points and 0.9 percentage points respectively in 2016.

Chart 1:
Sources of household income in Malaysia, 2014 and 2016

2014 (%)   **2016 (%)**

65.0   63.0

16.0   15.6

11.4   12.9

7.6   8.5

☐ Paid Employment   ☐ Self-Employment   ☐ Property & Investment   ☐ Current Transfer received
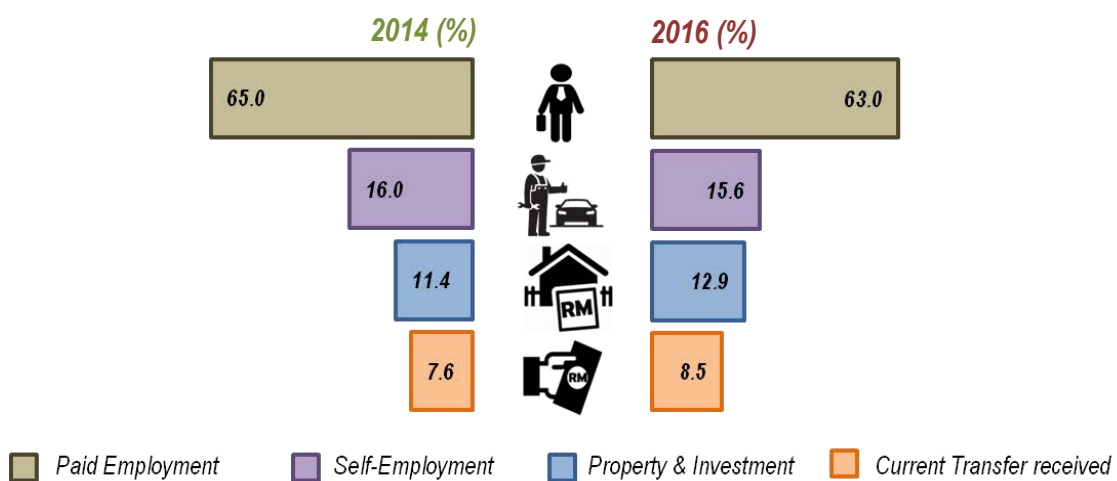
4. MEDIAN INCOME

The main findings of the HIS & BA 2016 revealed that the median monthly household income for Malaysians increased to RM5,228 in 2016 as compared to RM4,585 in 2014 with a growth rate of 6.6 per cent per annum at nominal value. In terms of real value[2], median monthly household income grew at 4.4 per cent.

Median monthly household income in the urban area increased 6.4 per cent per annum from RM5,156 in 2014 to RM5,860 in 2016. Simultaneously, the median monthly household income in rural area also increased by 5.3 per cent per annum from RM3,123 to RM3,471.

Chart 2:
Median monthly household income by strata, Malaysia, 2014 and 2016

		Median Income (RM)	
	2014	**2016**	**CAGR[3]**
Malaysia	4,585	5,228	6.6%
Urban	5,156	5,860	6.4%
Rural	3,123	3,471	5.3%
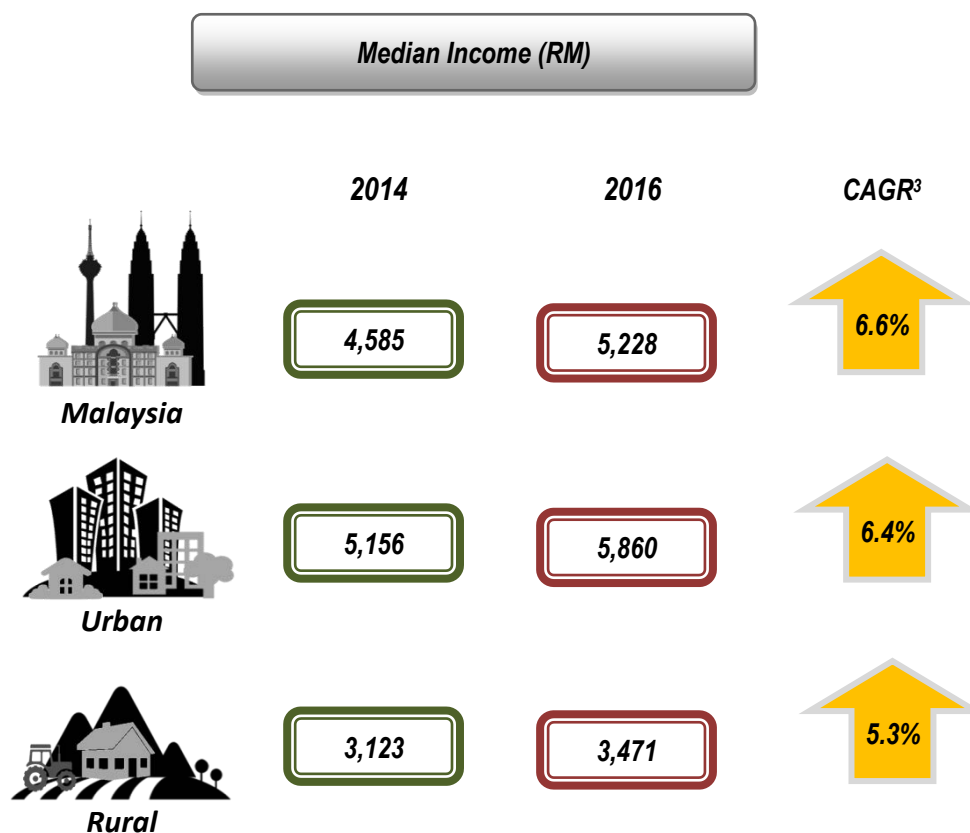
Note :
[2] *The calculation of real value refers to constant price using the Consumer Price Index with the base year 2010 as the deflator*
[3] *CAGR - Compounded annual growth rate (%)*

5. MEDIAN INCOME BY STATE

In 2016, W.P. Kuala Lumpur recorded the highest median monthly household income of RM9,073 followed by W.P. Putrajaya (RM8,275), Selangor (RM7,225), W.P. Labuan (RM5,928), Johor (RM5,652), Melaka (RM5,588) and Pulau Pinang (RM5,409). Other states recorded median income that were below the national level of RM5,228.

Terengganu registered the highest annual growth rate of median monthly household income at 10.9 per cent during the period of 2014 to 2016. Besides that, six other states also surpassed the national median growth rate namely Perlis (9.2%), W.P. Kuala Lumpur (8.7%), Pahang (8.0%), Selangor (7.5%), Perak (7.5%) and Pulau Pinang (7.0%).

Chart 3:
Median monthly household income by state , Malaysia, 2014 and 2016

	2014		State	2016	
(%)	RM			RM	(%)
13.2	7,620		W.P. Kuala Lumpur	9,073	8.7
7.3	7,512		W.P. Putrajaya	8,275	4.8
7.5	6,214		Selangor	7,225	7.5
5.8	5,684		W.P. Labuan	5,928	2.1
17.7	5,197		Johor	5,652	4.2
12.4	5,029		Melaka	5,588	5.3
7.6	4,702		Pulau Pinang	5,409	7.0
11.0	3,777		Terengganu	4,694	10.9
7.2	4,128		Negeri Sembilan	4,579	5.2
19.1	3,500		Perlis	4,204	9.2
10.8	3,778		Sarawak	4,163	4.9
13.5	3,745		Sabah	4,110	4.7
12.9	3,451		Perak	4,006	7.5
5.0	3,389		Pahang	3,979	8.0
13.5	3,451		Kedah	3,811	5.0
8.8	2,716		Kelantan	3,079	6.3

MALAYSIA RM4,585 (11.7%)   MALAYSIA RM5,228 (6.6%)

12,000   8,000   4,000   0   0   4,000   8,000   12,000

6. MEDIAN INCOME BY MAIN ETHNIC GROUP

In 2016, the median monthly household income for Bumiputera rose by 7.0 per cent to RM4,846. Meanwhile, the median monthly household income of Chinese and Indians have increased to RM6,582 (7.1%) and RM5,428 (8.0%) respectively.

Chart 4:
Median monthly household income by main ethnic group Malaysia, 2014 and 2016

CAGR

7.0% 7.1% 8.0%

2014
2016

RM4,214   RM4,846

RM5,708   RM6,582

RM4,627   RM5,428

Bumiputera   **Chinese**   **Indians**
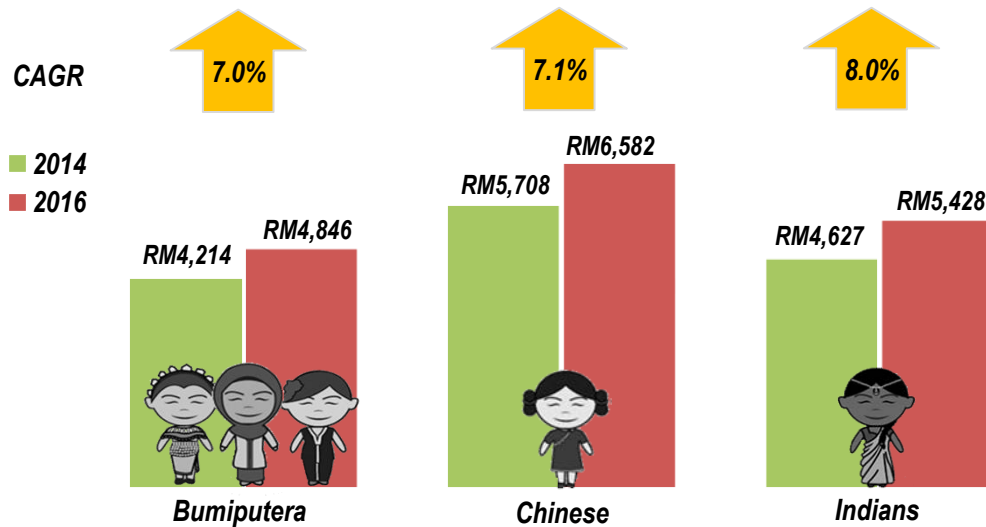
7. MEDIAN INCOME BY HOUSEHOLD GROUP

The median income of the bottom 40% (B40), middle 40% (M40) and top 20% (T20) rose in 2016 as compared to 2014. The household group M40 recorded the highest growth of 6.9 per cent per annum followed by the household group B40 (6.6%) and T20 (6.2%).

Chart 5:
Median monthly income by household group, Malaysia, 2014 and 2016

Median Income (RM)

M40
2014 : RM5,465
2016 : RM6,275
CAGR : 6.9%

T20
2014 : RM11,610
2016 : RM13,148
CAGR : 6.2%

B40
2014 : RM2,629
2016 : RM3,000
CAGR : 6.6%

HIS & BA Report 2016
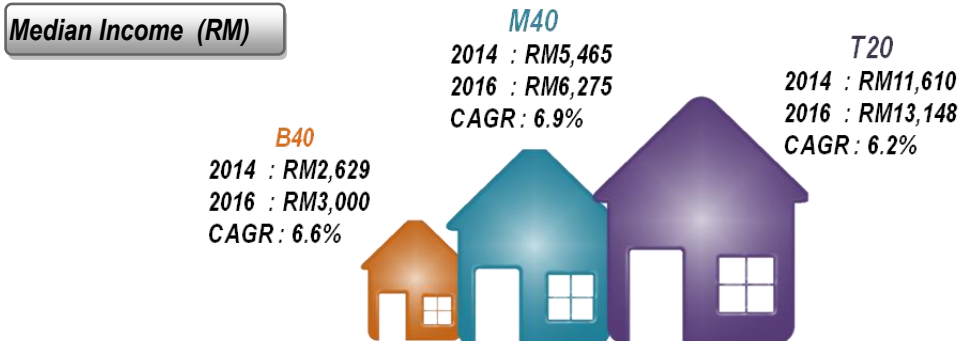
8. MEAN INCOME

The findings of HIS & BA 2016 showed that mean monthly household income for Malaysians increased from RM6,141 in 2014 to RM6,958 in 2016, an increase of 6.2 per cent in nominal value. In terms of real value, mean monthly household income grew at 4.2 per cent per annum.

In the period of 2014 to 2016, the mean monthly household income in urban area grew 5.8 per cent annually from RM6,833 to RM7,671. Meanwhile monthly household income in rural area increased at the rate of 6.5 per cent yearly from RM3,831 to RM4,359.

Chart 6:
Mean monthly household income by strata, Malaysia, 2014 and 2016

	Mean Income (RM)		
	2014	**2016**	**CAGR**
Malaysia	6,141	6,958	6.2 %
Urban	6,833	7,671	5.8%
Rural	3,831	4,359	6.5%
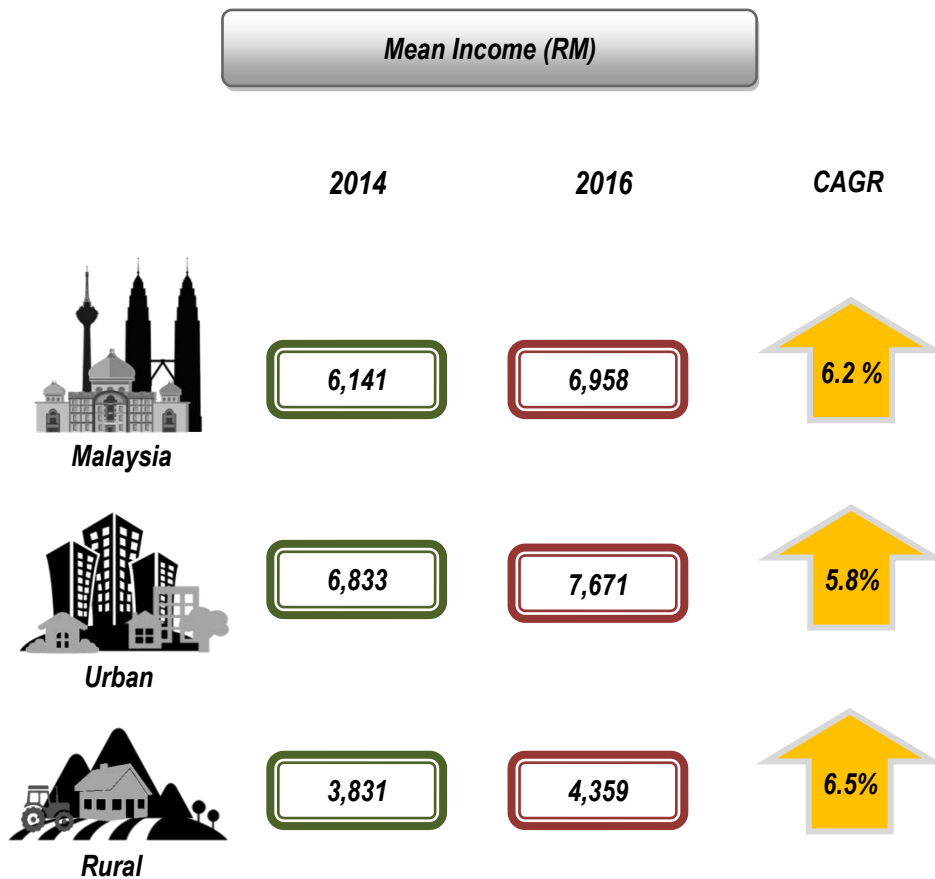
9. MEAN INCOME BY STATE

W.P. Kuala Lumpur recorded the highest mean monthly household income (RM11,692) in 2016 followed by W.P. Putrajaya (RM11,555), Selangor (RM9,463) and, W.P. Labuan (RM8,174). Other states recorded mean monthly household income below the national level (RM6,958).

The mean monthly household income of all states have increased where five states exceeded the national growth rate of 6.2 per cent. Terengganu recorded the highest growth rate of 9.1 per cent, followed by Perak (8.6%), Pahang (7.2%), Selangor (6.8%) and Kelantan (6.3%).

Chart 7:
Mean monthly household income by state, Malaysia, 2014 and 2016

	2014 (%)	2014 RM	State	2016 RM	2016 (%)
	10.7	10,629	W.P. Kuala Lumpur	11,692	4.8
	12.5	10,401	W.P. Putrajaya	11,555	5.3
	8.1	8,252	Selangor	9,463	6.8
	9.2	7,591	W.P. Labuan	8,174	3.7
	14.4	6,207	Johor	6,928	5.5
	12.0	6,046	Melaka	6,849	6.2
	8.5	5,993	Pulau Pinang	6,771	6.1
	7.1	5,271	Negeri Sembilan	5,887	5.5
	9.7	4,816	Terengganu	5,776	9.1
	7.0	4,934	Sarawak	5,387	4.4
	9.8	4,879	Sabah	5,354	4.6
	9.2	4,268	Perak	5,065	8.6
	7.4	4,343	Pahang	5,012	7.2
	11.4	4,445	Perlis	4,998	5.9
	13.4	4,478	Kedah	4,971	5.2
	8.0	3,715	Kelantan	4,214	6.3

MALAYSIA RM6,141 (10.3%)

MALAYSIA RM6,958 (6.2%)

10. MEAN INCOME BY MAIN ETHNIC GROUP

The mean monthly household income for Bumiputera increased 6.1 per cent annually from RM5,548 to RM6,267 for the period of 2014 to 2016. During the same period, the mean monthly household income for Chinese and Indians also increased at the rate of 6.6 per cent and 6.8 per cent per annum respectively.

Chart 8:
Mean monthly household income by main ethnic group, Malaysia, 2014 and 2016

CAGR

- 2014
- 2016

	Bumiputera	Chinese	Indians
CAGR	6.1%	6.6%	6.8%
2014	RM5,548	RM7,666	RM6,246
2016	RM6,267	RM8,750	RM7,150
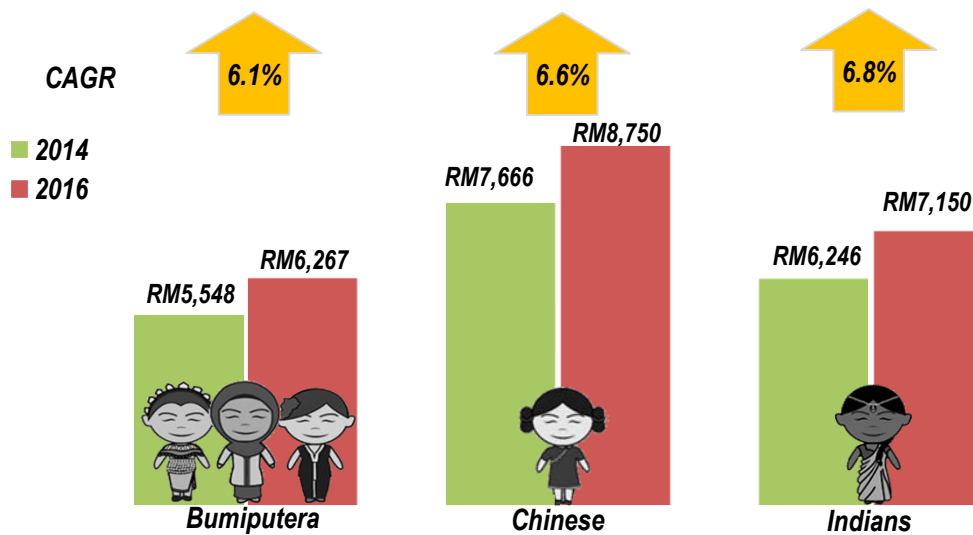
11. MEAN INCOME BY HOUSEHOLD GROUP

All household groups recorded an increase in the mean monthly household income during the period of 2014 to 2016. The M40 group recorded the highest annual growth rate of 6.9 per cent from RM5,662 in 2014 to RM6,502 in 2016.

Chart 9:
Mean monthly income by household group, Malaysia, 2014 and 2016

Mean Income (RM)

M40
2014 : RM5,662
2016 : RM6,502
CAGR : 6.9%

T20
2014 : RM14,305
2016 : RM16,088
CAGR : 5.9%

B40
2014 : RM2,537
2016 : RM2,848
CAGR : 5.8%

HIS & BA Report 2016
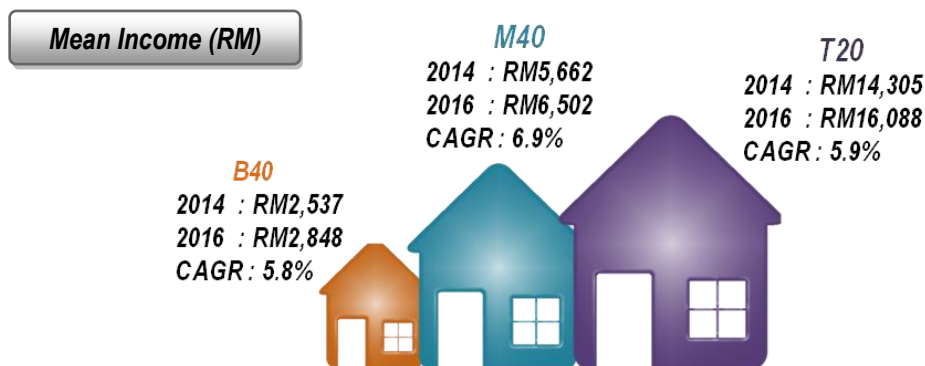
INCOME DISTRIBUTION

12.   INEQUALITY BY STRATA

In 2016, the overall Gini Coefficient declined to 0.399 from 0.401 (2014). Household income distribution for urban strata declined to 0.389, whilst household income distribution for rural strata rose to 0.364.

In terms of income disparity ratio, the rural-urban disparity ratio has improved to 1:1.76 in 2016 from 1:1.78 in 2014.

Chart 10:
Gini Coefficient by strata, Malaysia, 2014 and 2016

0.2 percentage points

0.2 percentage points

0.9 percentage points

■ *2014*
■ *2016*

	Malaysia	Urban	Rural
2014	0.401	0.391	0.355
2016	0.399	0.389	0.364
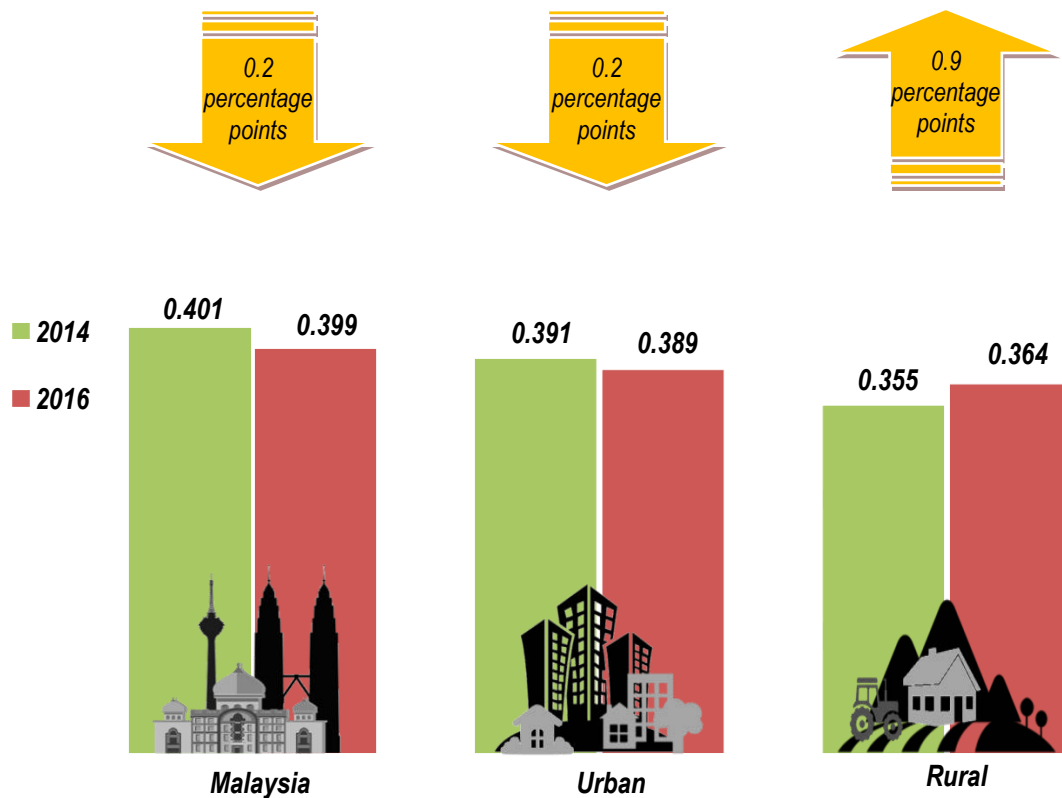
13.   INEQUALITY BY MAIN ETHNIC GROUP

Among the three main ethnic groups, income gap for the Indians has improved as reflected by the drop in Gini Coefficient of 1.4 percentage points[4]. This was followed by Bumiputera (0.4 percentage points) while the gap of the Chinese has widened by 0.6 percentage points.

The income disparity ratio between Bumiputera and Chinese increased from 1:1.38 in 2014 to 1:1.39 in 2016, whilst the ratio between Bumiputera and Indians reduced to 1:1.22 (2016) from 1:1.23 in 2014.

Chart 11:
Gini Coefficient by main ethnic group, Malaysia, 2014 and 2016

| 0.4 percentage points | 0.6 percentage points | 1.4 percentage points |

2014
2016

Bumiputera	Chinese	Indians
0.389 0.385	0.405 0.411	0.396 0.382
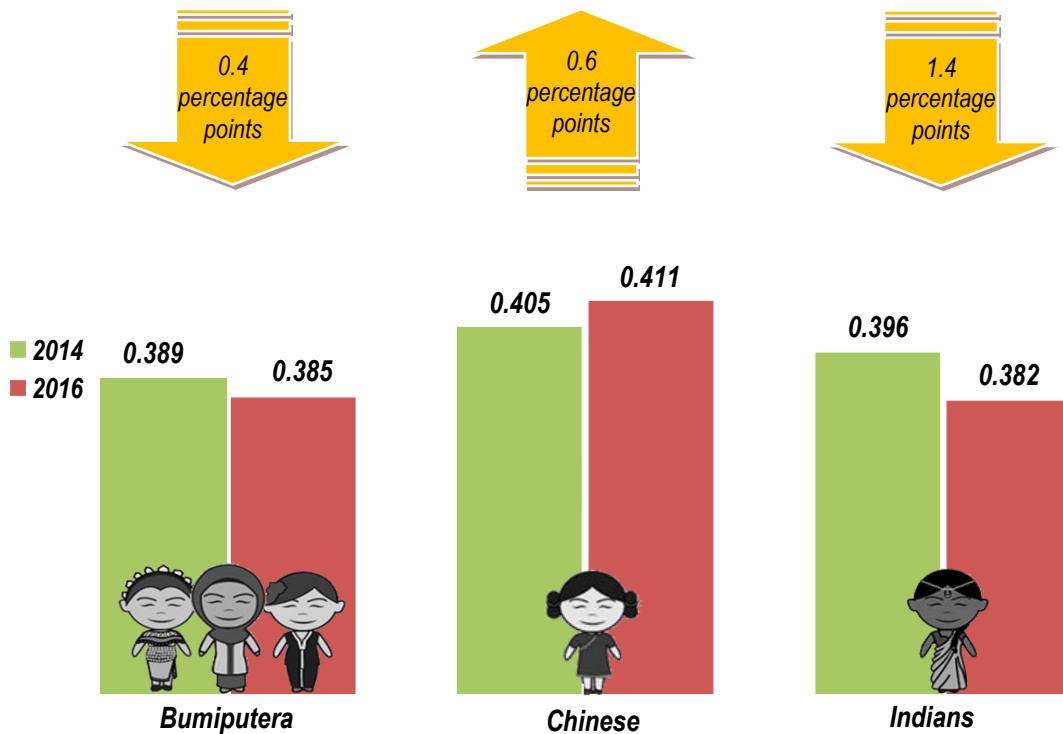
Income Disparity Ratio

	2014	2016
Bumiputera : Chinese	1 : 1.38	1 : 1.39
Bumiputera : Indians	1 : 1.23	1 : 1.22

Note : [4] *Gini Coefficient can be presented in percentage. For instance, 0.382 equivalent to 38.2 per cent*

14. INCIDENCE OF POVERTY BY STRATA AND MAIN ETHNIC GROUP

The overall incidence of poverty has improved from 0.6 per cent in 2014 to 0.4 per cent in 2016. Similarly, poverty incidence in the urban and rural areas depicted the same trend whereby it decreased to 0.2 per cent and 1.0 per cent respectively. The incidence of poverty for Bumiputera and Indians decreased to 0.5 per cent and 0.1 percent, while Chinese remained at 0.1 per cent.

Chart 12:
Incidence of poverty by strata, Malaysia, 2014 and 2016

2014		2016
0.6	Malaysia	0.4
0.3	Urban	0.2
1.6	Rural	1.0
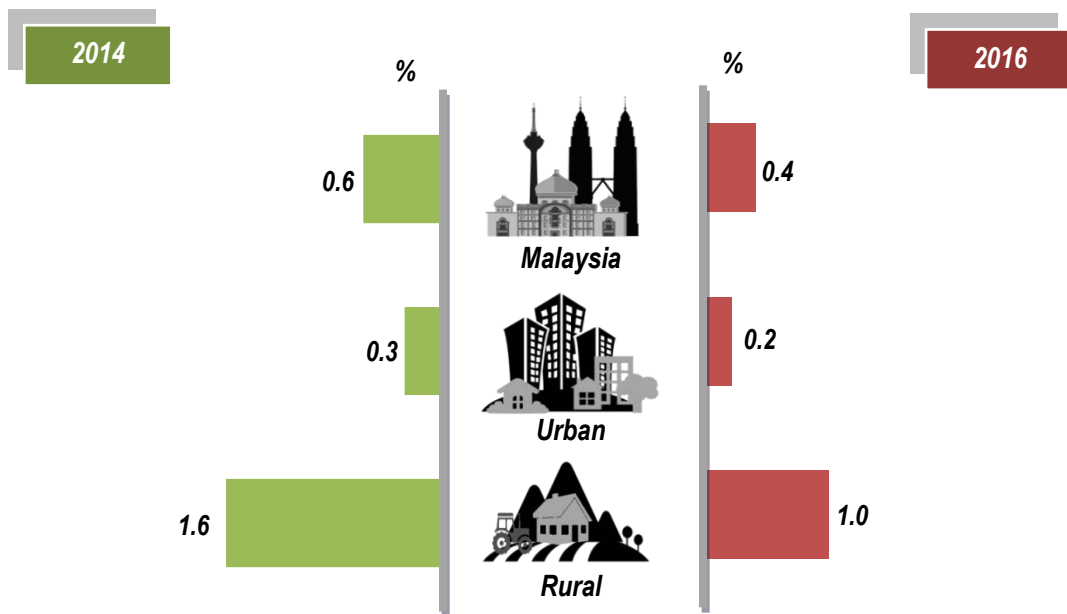
Chart 13:
Incidence of poverty by main ethnic group, Malaysia, 2014 and 2016

2014		2016
0.8	Bumiputera	0.5
0.1	Chinese	0.1
0.6	Indians	0.1

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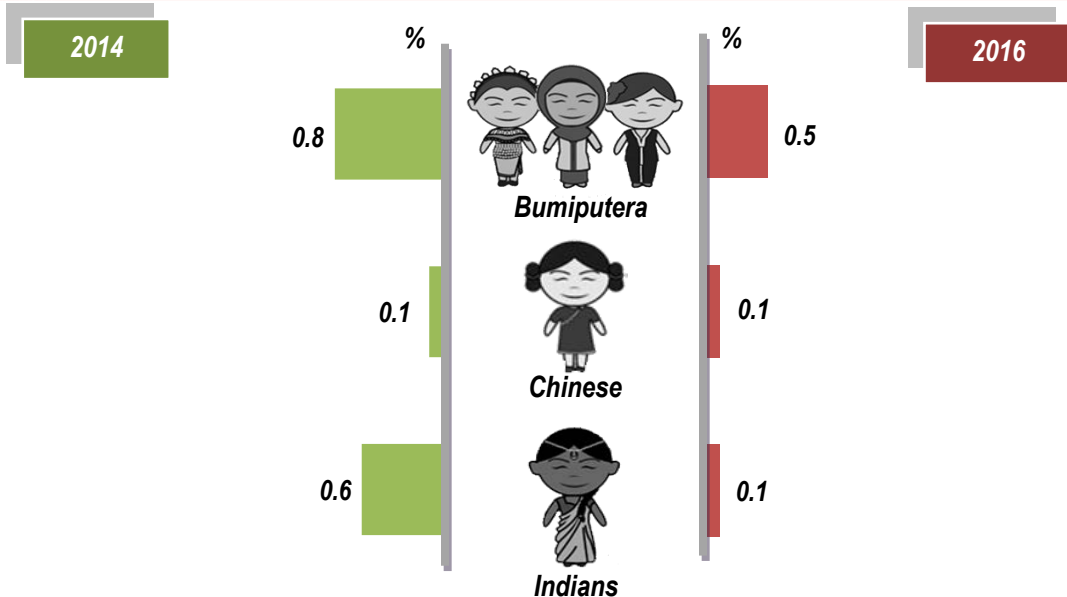
BASIC AMENITIES

15. TYPE OF OCCUPIED DWELLING

The percentage of owner own occupied dwelling increased 0.2 percentage points from 76.1 per cent in 2014 to 76.3 per cent in 2016. Meanwhile, the percentage of rented dwellings increased 0.6 percentage points and percentage of occupied quarters dropped by 0.8 percentage points.

Chart 14:
Percentage of household by type of occupied dwelling, Malaysia, 2014 and 2016

	Owned	Rented	Quarters
2014	76.1%	19.0%	4.9%
2016	76.3%	19.6%	4.1%
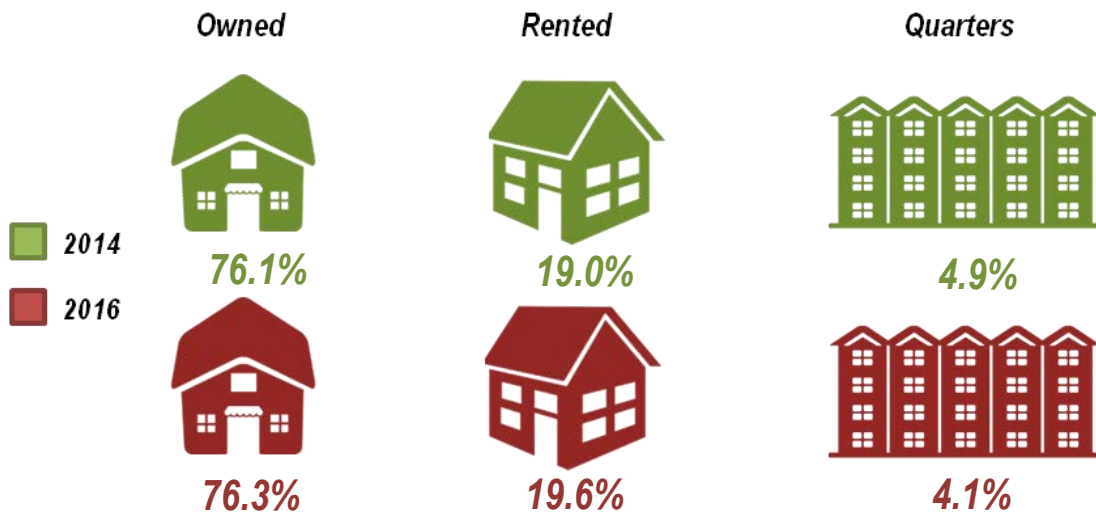
16. MOTOR VEHICLE OWNERSHIP

The percentage of households owning a car has increased 0.8 percentage points from 83.9 per cent in 2014 to 84.7 per cent in 2016. However, motorcycle ownership decreased 0.2 percentage points to 67.2 per cent from 67.4 per cent (2014).

Chart 15:
Percentage of household by motor vehicle ownership, Malaysia, 2014 and 2016

2014 : 83.9%
2016 : 84.7%

2014 : 67.4%
2016 : 67.2%
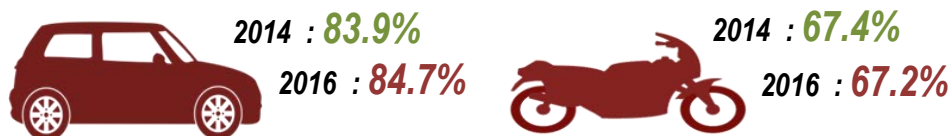
17. OWNERSHIP OF ICT EQUIPMENT AND SERVICES

Ownership of ICT equipment and subscription of services for households increased in 2016 compared to 2014. The most significant improvement was the internet subscription at home, recording an increase of 31.7 percentage points from 44.3 per cent in 2014 to 76.0 per cent in 2016. The ownership of mobile phone and tablet increased to 97.9 per cent and 35.2 per cent respectively in 2016 whilst ownership of personal computer decreased to 19.3 per cent.

Chart 16:
Percentage of household by ICT equipment and services, Malaysia, 2014 and 2016

Internet Subscription at Home 2014 : **44.3%** 2016 : **76.0%**	**Tablet** 2014 : **34.1%** 2016 : **35.2%**	**Personal Computer** 2014 : **21.8%** 2016 : **19.3%**
Television 2014 : **97.7%** 2016 : **98.1%**	**Mobile Phone** 2014 : **97.2%** 2016 : **97.9%**	**Laptop** 2014 : **52.8%** 2016 : **52.2%**
Fixed-line Telephone 2014 : **30.9%** 2016 : **26.5%**	**Radio/Hi-fi** 2014 : **83.1%** 2016 : **89.1%**	**Paid TV Channel** 2014 : **65.9%** 2016 : **70.1%**
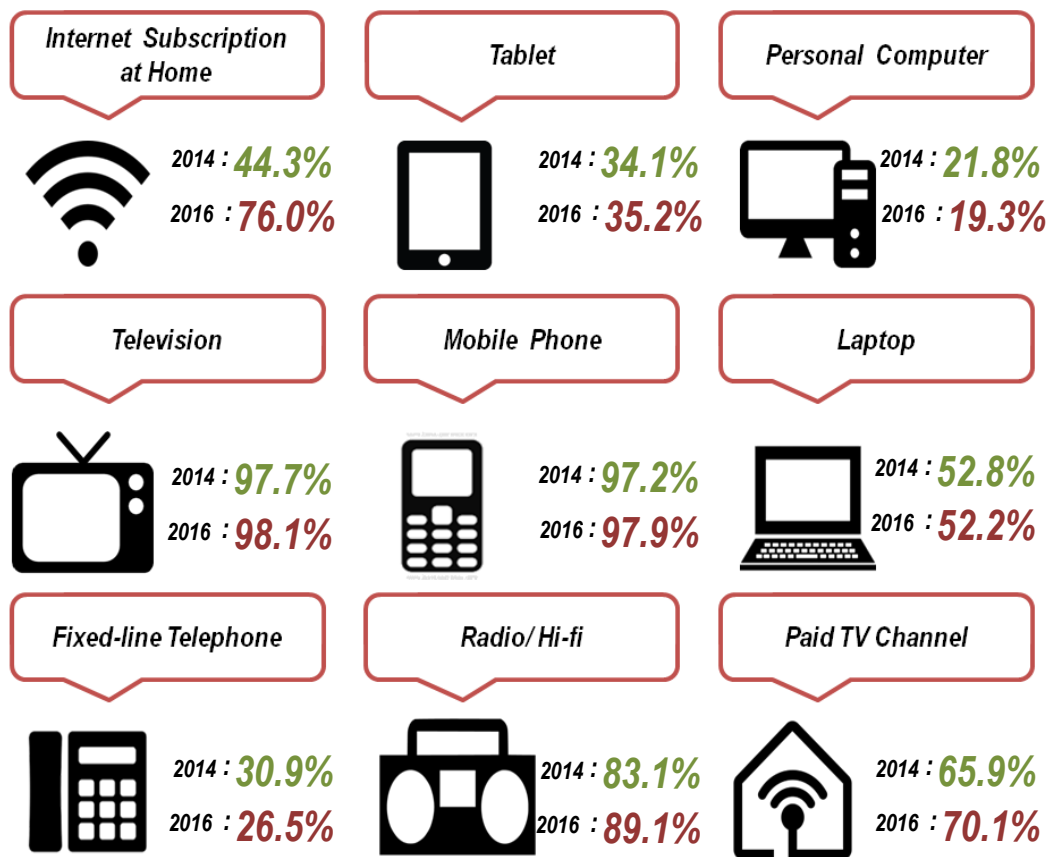
18.   ACCESS TO PUBLIC UTILITIES

Percentage of households with piped water in the house increased 0.9 percentage points from 94.6 per cent in 2014 to 95.5 per cent in 2016. During the same period, garbage collection services to living quarters increased 2.6 percentage points to 60.4 per cent. The percentage of households with electricity supply remained the same at 99.9 per cent in 2014 and 2016.

Chart 16:
Percentage of household by access to the public utilities, Malaysia, 2014 and 2016

2014   2016

Water Supply

Pipe water in the house
94.6%   95.5%

Public water stand pipe
0.5%   0.4%

Others
4.9%   4.1%

Garbage Collection Facility

Living Quarters
57.8%   60.4%

Area[5]
26.1%   24.6%

Others
16.1%   15.0%

Electricity Supply
99.9%   99.9%
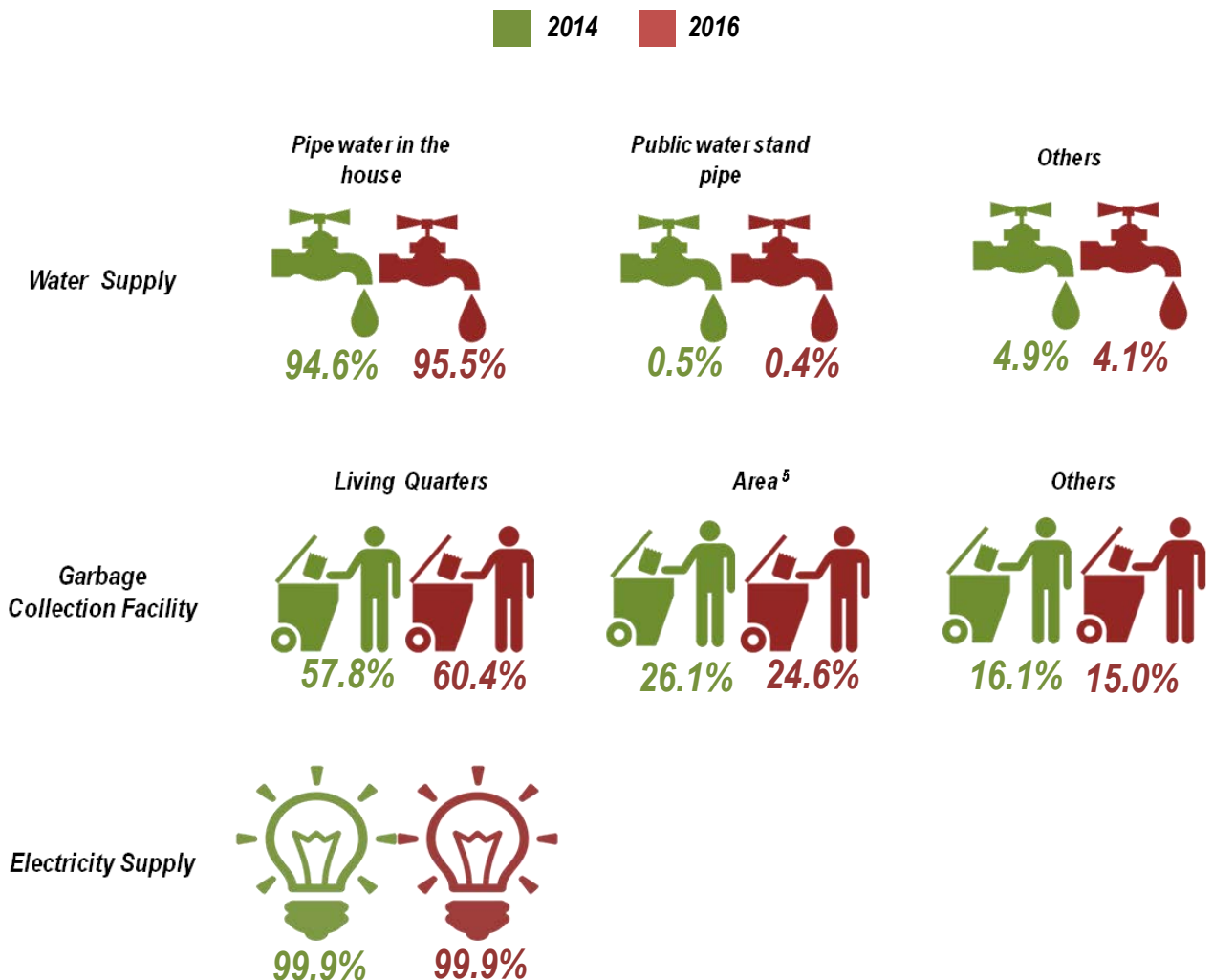
Note : [5] Garbage collection in the collection area in which the distance is more than 100 meters away from the living quarters

1 STATISTIK PENDAPATAN ISI RUMAH
Statistics on Household Income
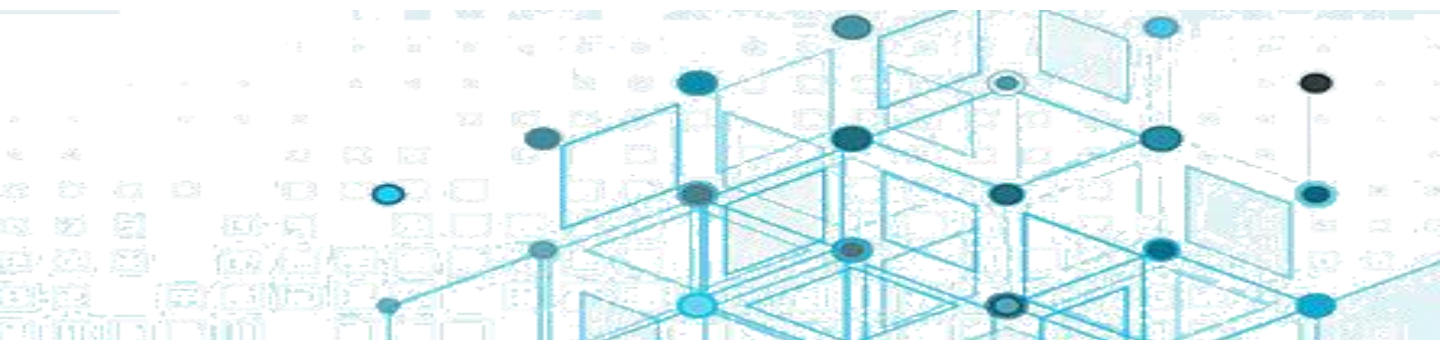
Jadual 1.1a: Peratusan pendapatan mengikut punca utama pendapatan ketua isi rumah dan strata, Malaysia, 2014 dan 2016
Table   1.1a: Percentage of income by main source of income of head of household and strata, Malaysia, 2014 and 2016

(%)

Punca utama pendapatan *Main source of income*	2014				2016		
	Jumlah *Total*	**Bandar** *Urban*	**Luar Bandar** *Rural*		**Jumlah** *Total*	**Bandar** *Urban*	**Luar Bandar** *Rural*
Pendapatan pekerjaan bergaji *Income from paid employment*	65.0	66.9	53.2		63.0	64.7	51.7
Pendapatan bekerja sendiri *Income from self-employed*	16.0	14.6	24.4		15.6	14.4	23.3
Pendapatan daripada harta dan pelaburan *Income from property and investment*	11.4	11.7	10.3		12.9	13.2	11.2
Pindahan semasa diterima *Current transfers received*	7.6	6.8	12.1		8.5	7.7	13.8

Jadual 1.1b: Peratusan pendapatan mengikut punca utama pendapatan ketua isi rumah dan kumpulan etnik, Malaysia, 2014 dan 2016
Table   1.1b: Percentage of income by main source of income of head of household and ethnic group, Malaysia, 2014 and 2016

(%)

Punca utama pendapatan *Main source of income*	2014				2016			
	Bumiputera	**Cina** *Chinese*	**India** *Indians*	**Lain-lain** *Others*	**Bumiputera**	**Cina** *Chinese*	**India** *Indians*	**Lain-lain** *Others*
Pendapatan pekerjaan bergaji *Income from paid employment*	67.0	60.0	69.1	60.8	65.1	57.6	68.6	60.4
Pendapatan bekerja sendiri *Income from self-employed*	14.2	20.2	12.9	21.3	13.8	20.3	10.6	20.7
Pendapatan daripada harta dan pelaburan *Income from property and investment*	10.3	13.7	11.5	11.0	11.5	15.4	13.5	10.8
Pindahan semasa diterima *Current transfers received*	8.5	6.1	6.5	6.9	9.7	6.6	7.3	8.1

Jadual 1.2a: Bilangan isi rumah mengikut negeri dan strata, Malaysia, 2014 dan 2016
Table 1.2a: Number of household by state and strata, Malaysia, 2014 and 2016

('000)

Negeri *State*	2014				2016		
	Jumlah *Total*	Bandar *Urban*	Luar Bandar *Rural*		Jumlah *Total*	Bandar *Urban*	Luar Bandar *Rural*
MALAYSIA	**6,676.8**	**5,136.6**	**1,540.2**		**6,947.7**	**5,451.3**	**1,496.3**
Johor	806.1	616.1	190.0		834.1	649.8	184.3
Kedah	465.1	320.6	144.5		477.6	337.2	140.4
Kelantan	328.4	155.9	172.5		336.3	168.1	168.2
Melaka	204.7	187.8	16.9		213.6	199.6	14.0
Negeri Sembilan	244.8	172.6	72.2		254.0	185.2	68.8
Pahang	322.0	185.0	137.0		330.7	197.2	133.5
Pulau Pinang	413.3	388.0	25.3		430.8	408.7	22.1
Perak	598.8	454.9	143.9		619.0	482.1	136.9
Perlis	54.7	32.2	22.5		56.3	35.2	21.1
Selangor	1,468.0	1,367.3	100.7		1,550.5	1,453.2	97.3
Terengganu	229.9	146.8	83.1		238.8	157.2	81.6
Sabah	474.9	292.6	182.3		493.1	312.9	180.2
Sarawak	581.8	334.9	246.9		603.6	357.9	245.7
W.P. Kuala Lumpur	440.5	440.5	n.a		461.6	461.6	n.a
W.P. Labuan	19.3	17.0	2.3		20.8	18.5	2.3
W.P. Putrajaya	24.5	24.5	n.a		26.9	26.9	n.a

Jadual 1.2b: Bilangan isi rumah mengikut kumpulan etnik ketua isi rumah dan strata, Malaysia, 2014 dan 2016
Table   1.2b: Number of household by ethnic group of head of household and strata, Malaysia, 2014 and 2016

('000)

Kumpulan etnik *Ethnic group*	2014				2016		
	Jumlah *Total*	Bandar *Urban*	Luar Bandar *Rural*		Jumlah *Total*	Bandar *Urban*	Luar Bandar *Rural*
Jumlah *Total*	**6,676.8**	**5,136.6**	**1,540.2**		**6,947.7**	**5,451.3**	**1,496.3**
Bumiputera	4,398.3	3,034.5	1,363.8		4,482.4	3,170.6	1,311.8
Cina/*Chinese*	1,668.2	1,542.5	125.7		1,760.0	1,644.0	116.0
India/*Indians*	588.0	543.9	44.1		616.8	578.9	37.8
Lain-lain/*Others*	22.3	15.7	6.6		88.4	57.8	30.6

Jadual 1.2c: Bilangan isi rumah mengikut bilangan penerima pendapatan dan strata, Malaysia, 2014 dan 2016
Table   1.2c: Number of household by number of income recipient and strata, Malaysia, 2014 and 2016

('000)

Bilangan penerima pendapatan *Number of income recipient*	2014				2016		
	Jumlah *Total*	Bandar *Urban*	Luar Bandar *Rural*		Jumlah *Total*	Bandar *Urban*	Luar Bandar *Rural*
1 penerima *1 recipient*	2,889.5	2,164.5	725.1		3,056.0	2,315.4	740.6
2 penerima *2 recipients*	2,620.3	2,070.9	549.3		2,717.4	2,208.6	508.8
3 penerima *3 recipients*	813.0	628.7	184.3		797.2	626.3	170.9
4 penerima *4 recipients*	276.4	213.3	63.1		291.5	233.6	57.8
5 penerima *5 recipients*	54.2	41.4	12.8		56.8	44.1	12.7
6 penerima dan lebih *6 recipients and more*	23.5	17.9	5.6		28.8	23.4	5.4

Jadual 1.3a: Pendapatan isi rumah kasar bulanan penengah mengikut bilangan penerima pendapatan dan strata, Malaysia, 2014 dan 2016
Table   1.3a: Median of monthly household gross income by number of income recipient and strata, Malaysia, 2014 and 2016

(RM)

Bilangan penerima pendapatan / *Number of income recipient*	Penengah/*Median*						
	2014				**2016**		
	Jumlah / *Total*	**Bandar** / *Urban*	**Luar Bandar** / *Rural*		**Jumlah** / *Total*	**Bandar** / *Urban*	**Luar Bandar** / *Rural*
1 penerima / *1 recipient*	3,381	3,755	2,280		3,673	4,104	2,518
2 penerima / *2 recipients*	5,340	5,942	3,503		6,415	7,022	4,100
3 penerima / *3 recipients*	6,299	7,016	4,377		7,308	7,987	5,212
4 penerima / *4 recipients*	7,444	8,239	5,403		9,058	9,790	6,546
5 penerima / *5 recipients*	8,814	9,637	7,048		10,199	11,123	7,638
6 penerima dan lebih / *6 recipients and more*	10,320	11,881	8,518		9,837	9,783	10,229

Jadual 1.3b: Pendapatan isi rumah kasar bulanan purata mengikut bilangan penerima pendapatan dan strata, Malaysia, 2014 dan 2016
Table   1.3b: Mean of monthly household gross income by number of income recipient and strata, Malaysia, 2014 and 2016

(RM)

Bilangan penerima pendapatan / *Number of income recipient*	Purata/*Mean*						
	2014				**2016**		
	Jumlah / *Total*	**Bandar** / *Urban*	**Luar Bandar** / *Rural*		**Jumlah** / *Total*	**Bandar** / *Urban*	**Luar Bandar** / *Rural*
1 penerima / *1 recipient*	4,442	4,994	2,793		4,794	5,362	3,020
2 penerima / *2 recipients*	6,860	7,530	4,335		8,054	8,720	5,165
3 penerima / *3 recipients*	8,129	9,008	5,131		9,328	10,191	6,169
4 penerima / *4 recipients*	9,435	10,378	6,252		11,002	11,877	7,464
5 penerima / *5 recipients*	11,680	12,876	7,803		14,336	15,997	8,591
6 penerima dan lebih / *6 recipients and more*	14,528	16,101	9,516		11,961	12,074	11,474

Jadual 1.4a: Pendapatan isi rumah kasar bulanan penengah mengikut bilangan penerima pendapatan dan kumpulan etnik, Malaysia, 2014 dan 2016
Table 1.4a: Median of monthly household gross income by number of income recipient and ethnic group, Malaysia, 2014 and 2016

(RM)

Bilangan penerima pendapatan / *Number of income recipient*	Penengah/*Median*								
	2014					2016			
	Bumiputera	**Cina** *Chinese*	**India** *Indians*	**Lain-lain** *Others*		**Bumiputera**	**Cina** *Chinese*	**India** *Indians*	**Lain-lain** *Others*
1 penerima 1 *recipient*	3,108	4,217	3,494	3,372		3,317	4,552	4,017	2,552
2 penerima 2 *recipients*	4,968	6,828	4,975	4,588		5,924	8,374	6,127	3,977
3 penerima 3 *recipients*	5,684	8,571	6,551	4,545		6,598	9,882	7,709	4,565
4 penerima 4 *recipients*	6,811	10,143	7,600	6,453		8,245	12,463	9,907	7,207
5 penerima 5 *recipients*	8,146	14,159	9,637	10,029		9,514	15,762	12,006	7,612
6 penerima dan lebih 6 *recipients and more*	9,741	18,341	12,692	19,848		9,486	17,115	14,863	10,231

Jadual 1.4b: Pendapatan isi rumah kasar bulanan purata mengikut bilangan penerima pendapatan dan kumpulan etnik, Malaysia, 2014 dan 2016
Table 1.4b: Mean of monthly household gross income by number of income recipient and ethnic group, Malaysia, 2014 and 2016

(RM)

Bilangan penerima pendapatan / *Number of income recipient*	Purata/*Mean*								
	2014					2016			
	Bumiputera	**Cina** *Chinese*	**India** *Indians*	**Lain-lain** *Others*		**Bumiputera**	**Cina** *Chinese*	**India** *Indians*	**Lain-lain** *Others*
1 penerima 1 *recipient*	3,871	5,590	4,798	4,917		4,153	6,055	5,280	3,444
2 penerima 2 *recipients*	6,270	8,705	6,645	6,228		7,299	10,458	7,864	5,527
3 penerima 3 *recipients*	7,117	10,895	8,648	5,708		8,091	12,863	9,868	6,045
4 penerima 4 *recipients*	8,438	13,114	9,121	9,015		9,851	15,206	11,165	8,153
5 penerima 5 *recipients*	10,143	19,241	10,517	11,120		12,338	24,976	13,842	7,921
6 penerima dan lebih 6 *recipients and more*	12,700	26,771	13,772	14,059		10,899	18,319	16,777	9,644

Jadual 1.5: Purata saiz isi rumah dan purata bilangan penerima pendapatan bagi setiap isi rumah mengikut kumpulan etnik dan strata, Malaysia, 2016
Table   1.5: Average household size and average number of income recipient per household by ethnic group and strata, Malaysia, 2016

Kumpulan etnik *Ethnic group*	Jumlah *Total*		Bandar *Urban*		Luar Bandar *Rural*	
	Purata saiz isi rumah *Average household size*	**Purata bilangan penerima pendapatan** *Average number of income recipients*	**Purata saiz isi rumah** *Average household size*	**Purata bilangan penerima pendapatan** *Average number of income recipients*	**Purata saiz isi rumah** *Average household size*	**Purata bilangan penerima pendapatan** *Average number of income recipients*
Jumlah *Total*	**4.1**	**1.8**	**4.0**	**1.8**	**4.3**	**1.7**
Bumiputera	4.3	1.8	4.3	1.9	4.3	1.8
Cina/*Chinese*	3.5	1.7	3.5	1.7	3.6	1.6
India/*Indians*	4.0	1.8	4.0	1.8	4.2	1.8
Lain-lain/*Others*	4.5	1.9	4.6	2.0	4.4	1.8

Jadual 1.6a: Pendapatan isi rumah kasar bulanan penengah, purata dan kadar pertumbuhan tahunan dikompaun mengikut negeri, Malaysia, 2014 dan 2016

Table 1.6a: Median, mean and compounded annual growth rate of monthly household gross income by state, Malaysia, 2014 and 2016

Negeri *State*	Penengah/*Median*			Purata/*Mean*		
	(RM)		Kadar pertumbuhan tahunan dikompaun *Compounded annual growth rate*	(RM)		Kadar pertumbuhan tahunan dikompaun *Compounded annual growth rate*
	2014	2016	2014 – 2016 (%)	2014	2016	2014 – 2016 (%)
Malaysia	**4,585**	**5,228**	**6.6**	**6,141**	**6,958**	**6.2**
Johor	5,197	5,652	4.2	6,207	6,928	5.5
Kedah	3,451	3,811	5.0	4,478	4,971	5.2
Kelantan	2,716	3,079	6.3	3,715	4,214	6.3
Melaka	5,029	5,588	5.3	6,046	6,849	6.2
Negeri Sembilan	4,128	4,579	5.2	5,271	5,887	5.5
Pahang	3,389	3,979	8.0	4,343	5,012	7.2
Pulau Pinang	4,702	5,409	7.0	5,993	6,771	6.1
Perak	3,451	4,006	7.5	4,268	5,065	8.6
Perlis	3,500	4,204	9.2	4,445	4,998	5.9
Selangor	6,214	7,225	7.5	8,252	9,463	6.8
Terengganu	3,777	4,694	10.9	4,816	5,776	9.1
Sabah	3,745	4,110	4.7	4,879	5,354	4.6
Sarawak	3,778	4,163	4.9	4,934	5,387	4.4
W.P. Kuala Lumpur	7,620	9,073	8.7	10,629	11,692	4.8
W.P. Labuan	5,684	5,928	2.1	7,591	8,174	3.7
W.P. Putrajaya	7,512	8,275	4.8	10,401	11,555	5.3

Jadual 1.6b: Pendapatan isi rumah per kapita bulanan purata, penengah dan kadar pertumbuhan tahunan dikompaun mengikut negeri, Malaysia, 2014 dan 2016

Table 1.6b: Mean, median and compounded annual growth rate of monthly per capita household income by state, Malaysia, 2014 and 2016

Negeri *State*	Penengah/*Median*			Purata/*Mean*		
	(RM)		Kadar pertumbuhan tahunan dikompaun *Compounded annual growth rate*	(RM)		Kadar pertumbuhan tahunan dikompaun *Compounded annual growth rate*
	2014	2016	2014 – 2016 (%)	2014	2016	2014 – 2016 (%)
Malaysia	**1,190**	**1,443**	**9.6**	**1,688**	**2,002**	**8.5**
Johor	1,299	1,564	**9.3**	1,630	2,014	**10.6**
Kedah	901	1,055	**7.9**	1,226	1,466	**9.0**
Kelantan	639	796	**11.0**	894	1,081	**9.5**
Melaka	1,291	1,555	**9.3**	1,644	1,945	**8.4**
Negeri Sembilan	1,184	1,357	**6.8**	1,528	1,778	**7.6**
Pahang	911	1,128	**10.7**	1,186	1,437	**9.6**
Pulau Pinang	1,303	1,595	**10.1**	1,680	2,042	**9.8**
Perak	963	1,228	**12.2**	1,256	1,547	**10.4**
Perlis	929	1,103	**8.6**	1,203	1,364	**6.3**
Selangor	1,619	1,960	**9.6**	2,204	2,620	**8.6**
Terengganu	870	1,105	**11.9**	1,160	1,422	**10.2**
Sabah	864	946	**4.5**	1,291	1,436	**5.3**
Sarawak	984	1,132	**7.0**	1,394	1,583	**6.4**
W.P. Kuala Lumpur	2,163	2,654	**10.2**	3,314	3,718	**5.7**
W.P. Labuan	1,279	1,370	**3.4**	1,797	2,053	**6.7**
W.P. Putrajaya	2,115	2,339	**5.0**	2,826	3,282	**7.5**

Jadual 1.7a: Pendapatan isi rumah kasar bulanan penengah mengikut kumpulan etnik ketua isi rumah, jantina dan strata, Malaysia, 2016
Table 1.7a: Median monthly household gross income by ethnic group of head of household, sex and strata, Malaysia, 2016

(RM)

Kumpulan etnik *Ethnic group*	Penengah/*Median*								
	Jumlah *Total*			Bandar *Urban*			Luar Bandar *Rural*		
	Jumlah *Total*	Lelaki *Male*	Perempuan *Female*	Jumlah *Total*	Lelaki *Male*	Perempuan *Female*	Jumlah *Total*	Lelaki *Male*	Perempuan *Female*
Jumlah *Total*	**5,228**	**5,455**	**4,145**	**5,860**	**6,094**	**4,636**	**3,471**	**3,587**	**2,736**
Bumiputera	4,846	5,011	3,965	5,566	5,730	4,645	3,415	3,521	2,712
Cina/*Chinese*	6,582	6,973	4,744	6,799	7,184	4,903	4,125	4,351	2,796
India/*Indians*	5,428	5,786	4,153	5,590	5,908	4,199	3,863	4,006	3,207
Lain-lain/*Others*	3,780	3,937	3,197	4,116	4,226	3,392	3,305	3,399	3,059

Jadual 1.7b: Pendapatan isi rumah kasar bulanan purata mengikut kumpulan etnik ketua isi rumah, jantina dan strata, Malaysia, 2016
Table 1.7b: Mean monthly household gross income by ethnic group of head of household, sex and strata, Malaysia, 2016

(RM)

Kumpulan etnik *Ethnic group*	Purata/*Mean*								
	Jumlah *Total*			Bandar *Urban*			Luar Bandar *Rural*		
	Jumlah *Total*	Lelaki *Male*	Perempuan *Female*	Jumlah *Total*	Lelaki *Male*	Perempuan *Female*	Jumlah *Total*	Lelaki *Male*	Perempuan *Female*
Jumlah *Total*	**6,958**	**7,254**	**5,462**	**7,671**	**7,997**	**6,008**	**4,359**	**4,526**	**3,544**
Bumiputera	6,267	6,487	5,129	7,095	7,328	5,849	4,267	4,420	3,532
Cina/*Chinese*	8,750	9,233	6,342	8,986	9,491	6,495	5,408	5,678	3,798
India/*Indians*	7,150	7,506	5,484	7,321	7,683	5,622	4,545	4,796	3,367
Lain-lain/*Others*	4,951	5,091	4,476	5,402	5,576	4,877	4,101	4,247	3,471

Jadual 1.7c: Pendapatan isi rumah kasar bulanan penengah dan purata mengikut negeri dan jantina ketua isi rumah, Malaysia, 2016
Table 1.7c: Median and mean monthly household gross income by state and sex of head of household, Malaysia, 2016

(RM)

Negeri State	Penengah/*Median*				Purata/*Mean*		
	Jumlah *Total*	Lelaki *Male*	Perempuan *Female*		Jumlah *Total*	Lelaki *Male*	Perempuan *Female*
MALAYSIA	**5,228**	**5,455**	**4,145**		**6,958**	**7,254**	**5,462**
Johor	5,652	5,824	4,376		6,928	7,195	5,242
Kedah	3,811	3,955	2,758		4,971	5,205	3,878
Kelantan	3,079	3,191	2,571		4,214	4,367	3,575
Melaka	5,588	5,873	4,142		6,849	7,205	5,104
Negeri Sembilan	4,579	4,812	3,512		5,887	6,205	4,344
Pahang	3,979	4,040	3,612		5,012	5,161	4,169
Pulau Pinang	5,409	5,767	4,111		6,771	7,149	5,262
Perak	4,006	4,194	3,172		5,065	5,359	3,874
Perlis	4,204	4,304	3,254		4,998	5,176	3,632
Selangor	7,225	7,421	6,231		9,463	9,732	7,807
Terengganu	4,694	4,782	4,006		5,776	5,904	5,023
Sabah	4,110	4,144	3,463		5,354	5,538	4,577
Sarawak	4,163	4,344	3,381		5,387	5,613	4,382
W.P. Kuala Lumpur	9,073	9,367	7,640		11,692	12,110	9,679
W.P. Labuan	5,928	6,005	5,496		8,174	8,349	6,629
W.P. Putrajaya	8,275	8,706	5,232		11,555	12,059	6,654

Jadual 1.8: Pendapatan isi rumah kasar bulanan penengah dan purata mengikut kumpulan umur ketua isi rumah, Malaysia, 2016
Table 1.8: Median and mean of monthly household gross income by age group of head of household, Malaysia, 2016

(RM)

Kumpulan umur *Age group*	Penengah/*Median*	Purata/*Mean*
Jumlah *Total*	**5,228**	**6,958**
15 – 24	3,765	4,433
25 – 29	4,988	5,958
30 – 34	5,618	6,685
35 – 39	5,939	7,455
40 – 44	5,669	7,416
45 – 64	5,581	7,650
65 dan lebih *65 and over*	3,088	4,435

Kumpulan umur *Age group*	Penengah/*Median*	Purata/*Mean*

Jadual 1.9: Peratusan isi rumah dan agihan pendapatan mengikut kumpulan etnik dan strata, Malaysia, 2016
Table   1.9: Percentage of household and income share by ethnic group and strata, Malaysia, 2016

(%)

Kumpulan etnik *Ethnic group*	Jumlah *Total*		Bandar *Urban*		Luar Bandar *Rural*	
	Isi rumah *Household*	Agihan pendapatan *Income share*	Isi rumah *Household*	Agihan pendapatan *Income share*	Isi rumah *Household*	Agihan pendapatan *Income share*
Jumlah *Total*	100.0	100.0	100.0	100.0	100.0	100.0
Bumiputera	64.5	58.1	58.2	53.8	87.7	85.8
Cina/*Chinese*	25.3	31.9	30.2	35.3	7.8	9.6
India/*Indians*	8.9	9.1	10.6	10.1	2.5	2.6
Lain-lain/*Others*	1.3	0.9	1.1	0.7	2.0	1.9

Jadual 1.10: Peratusan isi rumah dan agihan pendapatan mengikut kelas pendapatan kasar isi rumah bulanan, kumpulan etnik dan strata, Malaysia, 2016
Table 1.10: Percentage of household and income share by monthly household gross income class, ethnic group and strata, Malaysia, 2016

(%)

Kelas pendapatan kasar *Gross income class* (RM)	Jumlah *Total*									
	Jumlah/*Total*		Bumiputera		Cina/*Chinese*		India/*Indians*		Lain-lain/*Others*	
	Isi rumah *Household*	Agihan pendapatan *Income share*	Isi rumah *Household*	Agihan pendapatan *Income share*	Isi rumah *Household*	Agihan pendapatan *Income share*	Isi rumah *Household*	Agihan pendapatan *Income share*	Isi rumah *Household*	Agihan pendapatan *Income share*
Jumlah *Total*	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1,999 dan ke bawah *1,999 and below*	8.8	1.9	10.0	2.4	5.9	1.0	6.6	1.4	16.0	5.0
2,000 – 2,999	11.2	4.0	12.8	5.1	7.3	2.1	9.3	3.3	21.3	10.5
3,000 – 3,999	14.9	7.4	16.1	8.9	11.7	4.7	14.7	7.2	16.6	11.7
4,000 – 4,999	12.5	8.1	12.8	9.1	11.1	5.7	14.1	8.8	15.8	14.1
5,000 – 5,999	10.1	8.0	10.6	9.2	8.9	5.6	11.1	8.5	6.3	7.0
6,000 – 6,999	8.1	7.6	8.0	8.2	8.4	6.2	8.9	8.1	5.1	6.6
7,000 – 7,999	6.5	7.0	6.1	7.3	7.3	6.2	7.1	7.4	4.0	6.0
8,000 – 8,999	5.1	6.2	4.8	6.4	6.1	5.9	4.8	5.7	3.5	5.9
9,000 – 9,999	4.2	5.7	3.9	5.9	5.1	5.5	4.3	5.6	2.3	4.3
10,000 – 10,999	3.3	5.0	2.9	4.9	4.4	5.3	3.5	5.1	1.7	3.5
11,000 – 11,999	2.7	4.5	2.3	4.3	3.7	4.9	3.1	4.9	2.2	5.2
12,000 – 12,999	2.2	3.9	1.9	3.7	3.2	4.5	2.1	3.7	0.5	1.3
13,000 – 13,999	1.7	3.4	1.5	3.2	2.6	4.1	1.3	2.4	1.0	2.8
14,000 – 14,999	1.4	2.9	1.1	2.6	2.0	3.3	1.6	3.2	0.4	1.3
15,000 dan ke atas *15,000 and above*	7.1	24.4	5.2	18.7	12.2	35.0	7.6	24.7	3.3	14.7

Jadual 1.10: Peratusan isi rumah dan agihan pendapatan mengikut kelas pendapatan kasar isi rumah bulanan, kumpulan etnik dan strata, Malaysia, 2016 (samb.)

Table   1.10: Percentage of household and income share by monthly household gross income class, ethnic group and strata, Malaysia, 2016 (cont'd)

(%)

Kelas pendapatan kasar Gross income class	Bandar Urban									
	Jumlah/Total		Bumiputera		Cina/Chinese		India/Indians		Lain-lain/Others	
(RM)	Isi rumah Household	Agihan pendapatan Income share	Isi rumah Household	Agihan pendapatan Income share	Isi rumah Household	Agihan pendapatan Income share	Isi rumah Household	Agihan pendapatan Income share	Isi rumah Household	Agihan pendapatan Income share
Jumlah Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1,999 dan ke bawah 1,999 and below	5.8	1.1	5.7	1.2	5.4	0.9	6.1	1.3	13.6	3.9
2,000 – 2,999	8.8	2.9	9.7	3.4	6.7	1.9	8.8	3.0	19.8	9.0
3,000 – 3,999	13.6	6.2	14.6	7.2	11.3	4.4	14.3	6.8	15.1	9.7
4,000 – 4,999	12.7	7.4	13.3	8.4	10.9	5.4	14.3	8.7	16.3	13.4
5,000 – 5,999	10.6	7.6	11.4	8.8	8.9	5.4	11.0	8.2	7.0	7.1
6,000 – 6,999	8.8	7.4	8.9	8.2	8.5	6.2	8.9	7.9	6.0	7.2
7,000 – 7,999	7.2	7.1	7.2	7.6	7.5	6.2	7.3	7.5	4.4	6.1
8,000 – 8,999	5.7	6.3	5.6	6.7	6.2	5.9	5.0	5.8	3.7	5.8
9,000 – 9,999	4.8	6.0	4.7	6.3	5.2	5.5	4.4	5.6	2.6	4.5
10,000 – 10,999	3.9	5.3	3.5	5.2	4.7	5.4	3.6	5.2	2.2	4.3
11,000 – 11,999	3.2	4.8	2.9	4.7	3.9	4.9	3.2	5.0	2.8	6.0
12,000 – 12,999	2.6	4.2	2.3	4.0	3.3	4.6	2.2	3.8	0.6	1.5
13,000 – 13,999	2.0	3.6	1.8	3.5	2.7	4.1	1.3	2.3	1.2	3.0
14,000 – 14,999	1.6	3.1	1.4	2.9	2.1	3.3	1.7	3.3	0.5	1.3
15,000 dan ke atas 15,000 and above	8.7	27.2	6.8	21.9	12.8	35.9	8.1	25.6	4.1	17.2

Jadual 1.10: Peratusan isi rumah dan agihan pendapatan mengikut kelas pendapatan kasar isi rumah bulanan, kumpulan etnik dan strata, Malaysia, 2016 (samb.)

Table 1.10: Percentage of household and income share by monthly household gross income class, ethnic group and strata, Malaysia, 2016 (cont'd)

(%)

Kelas pendapatan kasar Gross income class	Luar bandar Rural									
	Jumlah/Total		Bumiputera		Cina/Chinese		India/Indians		Lain-lain/Others	
(RM)	Isi rumah Household	Agihan pendapatan Income share	Isi rumah Household	Agihan pendapatan Income share	Isi rumah Household	Agihan pendapatan Income share	Isi rumah Household	Agihan pendapatan Income share	Isi rumah Household	Agihan pendapatan Income share
Jumlah Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1,999 dan ke bawah 1,999 and below	19.7	6.6	20.4	6.9	13.9	3.8	13.3	4.3	20.5	7.6
2,000 – 2,999	20.0	11.3	20.3	11.8	15.1	6.9	17.9	9.9	24.0	14.2
3,000 – 3,999	19.7	15.6	19.8	16.0	18.3	11.8	20.9	15.9	19.4	16.7
4,000 – 4,999	12.0	12.2	11.7	12.2	14.4	11.9	11.2	10.9	14.8	15.9
5,000 – 5,999	8.7	10.8	8.5	10.9	9.7	9.8	13.8	16.7	5.1	6.6
6,000 – 6,999	5.8	8.6	5.6	8.6	6.8	8.2	9.5	13.6	3.4	5.3
7,000 – 7,999	3.8	6.5	3.7	6.4	5.2	7.2	4.2	6.8	3.2	5.8
8,000 – 8,999	2.8	5.4	2.7	5.3	4.0	6.3	1.8	3.2	3.0	6.2
9,000 – 9,999	2.0	4.2	1.9	4.1	2.8	5.0	2.7	5.7	1.6	3.8
10,000 – 10,999	1.4	3.4	1.4	3.5	1.5	2.9	0.8	1.9	0.7	1.7
11,000 – 11,999	1.0	2.7	1.0	2.6	1.5	3.3	1.5	3.8	1.2	3.3
12,000 – 12,999	0.8	2.4	0.8	2.4	1.2	2.7	0.6	1.7	0.3	0.9
13,000 – 13,999	0.7	2.1	0.6	2.0	1.2	3.1	0.8	2.5	0.7	2.2
14,000 – 14,999	0.5	1.5	0.4	1.5	0.7	1.9	0.5	1.6	0.4	1.4
15,000 dan ke atas 15,000 and above	1.4	6.7	1.2	5.9	3.5	15.3	0.4	1.5	1.7	8.4

Jadual 1.11: Peratusan isi rumah dan agihan pendapatan mengikut kelas pendapatan kasar isi rumah bulanan, negeri dan strata, Malaysia, 2016
Table 1.11: Percentage of household and income share by monthly household gross income class, state and strata, Malaysia, 2016

(%)

Kelas pendapatan kasar *Gross income class* (RM)	Jumlah *Total*									
	Jumlah/*Total*		Johor		Kedah		Kelantan		Melaka	
	Isi rumah	Agihan pendapatan	Isi rumah	Agihan pendapatan	Isi rumah	Agihan pendapatan	Isi rumah	Agihan pendapatan	Isi rumah	Agihan pendapatan
	Household	*Income share*	*Household*	*Income share*	*Household*	*Income share*	*Household*	*Income share*	*Household*	*Income share*
Jumlah *Total*	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1,999 dan ke bawah *1,999 and below*	8.8	1.9	5.6	1.2	17.5	5.1	22.9	8.0	3.4	0.7
2,000 – 2,999	11.2	4.0	9.9	3.6	18.9	9.4	25.5	14.7	8.6	3.1
3,000 – 3,999	14.9	7.4	13.8	6.9	17.3	12.1	16.4	13.4	17.4	8.9
4,000 – 4,999	12.5	8.1	12.9	8.4	12.9	11.6	9.5	10.1	14.0	9.2
5,000 – 5,999	10.1	8.0	12.2	9.6	8.3	9.1	6.8	8.8	11.2	9.0
6,000 – 6,999	8.1	7.6	9.6	9.0	5.9	7.6	4.3	6.6	9.7	9.2
7,000 – 7,999	6.5	7.0	7.6	8.2	4.3	6.5	3.5	6.1	7.4	8.1
8,000 – 8,999	5.1	6.2	6.1	7.5	3.1	5.2	2.3	4.6	5.5	6.8
9,000 – 9,999	4.2	5.7	4.8	6.5	2.6	5.0	2.0	4.5	5.1	7.1
10,000 – 10,999	3.3	5.0	3.9	5.9	1.8	3.8	1.4	3.4	4.0	6.2
11,000 – 11,999	2.7	4.5	2.7	4.5	1.3	3.1	1.3	3.7	3.3	5.6
12,000 – 12,999	2.2	3.9	2.2	3.9	1.4	3.5	1.0	2.9	1.6	2.9
13,000 – 13,999	1.7	3.4	1.6	3.1	0.8	2.1	0.9	2.8	1.6	3.2
14,000 – 14,999	1.4	2.9	1.6	3.4	0.8	2.2	0.6	2.0	1.5	3.2
15,000 dan ke atas *15,000 and above*	7.1	24.4	5.5	18.1	3.1	13.5	1.8	8.3	5.5	16.8

Jadual 1.11: Peratusan isi rumah dan agihan pendapatan mengikut kelas pendapatan kasar isi rumah bulanan, negeri dan strata, Malaysia, 2016 (samb.)
Table   1.11: Percentage of household and income share by monthly household gross income class, state and strata, Malaysia, 2016 (cont'd)

(%)

| Kelas pendapatan kasar
Gross income class | Jumlah
Total | | | | | | | |
| | Negeri Sembilan | | Pahang | | Pulau Pinang | | Perak | |
(RM)	Isi rumah *Household*	Agihan pendapatan *Income share*	Isi rumah *Household*	Agihan pendapatan *Income share*	Isi rumah *Household*	Agihan pendapatan *Income share*	Isi rumah *Household*	Agihan pendapatan *Income share*
Jumlah *Total*	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1,999 dan ke bawah *1,999 and below*	11.3	2.8	8.3	2.5	5.8	1.3	14.1	4.1
2,000 – 2,999	13.9	5.9	16.0	8.0	8.0	3.0	15.6	7.7
3,000 – 3,999	15.9	9.5	26.1	17.9	17.7	9.0	20.2	13.8
4,000 – 4,999	14.2	10.8	13.9	12.4	13.5	9.0	14.2	12.5
5,000 – 5,999	10.5	9.7	10.5	11.5	11.2	9.1	8.5	9.2
6,000 – 6,999	8.8	9.7	6.4	8.3	9.6	9.2	7.5	9.5
7,000 – 7,999	5.4	6.9	5.0	7.4	7.6	8.4	5.0	7.3
8,000 – 8,999	5.0	7.2	3.8	6.3	5.7	7.1	3.5	5.9
9,000 – 9,999	2.7	4.4	2.1	3.9	4.5	6.3	2.4	4.4
10,000 – 10,999	2.6	4.7	2.2	4.5	3.3	5.1	2.1	4.4
11,000 – 11,999	2.1	4.0	1.3	3.1	2.6	4.4	1.6	3.7
12,000 – 12,999	1.1	2.4	1.1	2.8	2.2	4.1	1.2	2.9
13,000 – 13,999	1.0	2.3	0.8	2.2	1.8	3.6	0.9	2.4
14,000 – 14,999	0.9	2.2	0.4	1.3	1.0	2.1	0.7	2.1
15,000 dan ke atas *15,000 and above*	4.5	17.5	2.1	7.9	5.5	18.5	2.5	10.1

Jadual 1.11: Peratusan isi rumah dan agihan pendapatan mengikut kelas pendapatan kasar isi rumah bulanan, negeri dan strata, Malaysia, 2016 (samb.)
Table 1.11: Percentage of household and income share by monthly household gross income class, state and strata, Malaysia, 2016 (cont'd)

(%)

Kelas pendapatan kasar *Gross income class*	Jumlah *Total*							
	Perlis		Selangor		Terengganu		Sabah	
(RM)	Isi rumah *Household*	Agihan pendapatan *Income share*	Isi rumah *Household*	Agihan pendapatan *Income share*	Isi rumah *Household*	Agihan pendapatan *Income share*	Isi rumah *Household*	Agihan pendapatan *Income share*
Jumlah *Total*	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
1,999 dan ke bawah *1,999 and below*	10.3	3.1	1.7	0.3	7.3	1.9	16.1	4.4
2,000 – 2,999	16.8	8.3	3.5	0.9	8.2	3.5	18.3	8.3
3,000 – 3,999	19.8	14.0	9.4	3.5	23.3	13.9	15.2	9.7
4,000 – 4,999	16.6	14.9	12.2	5.8	15.6	12.0	11.6	9.6
5,000 – 5,999	10.9	11.9	11.4	6.6	11.5	10.9	8.8	9.0
6,000 – 6,999	7.2	9.4	9.5	6.5	7.7	8.7	6.6	8.0
7,000 – 7,999	4.3	6.4	8.2	6.5	6.0	7.8	5.3	7.4
8,000 – 8,999	3.8	6.5	6.9	6.2	4.7	6.9	3.4	5.4
9,000 – 9,999	2.6	4.8	6.3	6.3	3.6	5.9	2.8	4.9
10,000 – 10,999	1.8	3.9	4.9	5.4	2.8	5.1	2.0	4.0
11,000 – 11,999	1.4	3.1	4.3	5.2	2.7	5.3	1.6	3.4
12,000 – 12,999	1.5	3.7	3.4	4.5	1.7	3.6	1.7	4.0
13,000 – 13,999	0.8	2.2	2.7	3.9	1.2	2.7	1.5	3.7
14,000 – 14,999	0.8	2.3	2.0	3.1	0.8	2.1	0.9	2.5
15,000 dan ke atas *15,000 and above*	1.4	5.5	13.5	35.3	2.9	9.6	4.1	15.7

Jadual 1.11: Peratusan isi rumah dan agihan pendapatan mengikut kelas pendapatan kasar isi rumah bulanan, negeri dan strata, Malaysia, 2016 (samb.)
Table 1.11: Percentage of household and income share by monthly household gross income class, state and strata, Malaysia, 2016 (cont'd)

(%)

Kelas pendapatan kasar *Gross income class* (RM)	Jumlah *Total*							
	Sarawak		W.P. Kuala Lumpur		W.P. Labuan		W.P. Putrajaya	
	Isi rumah *Household*	Agihan pendapatan *Income share*	Isi rumah *Household*	Agihan pendapatan *Income share*	Isi rumah *Household*	Agihan pendapatan *Income share*	Isi rumah *Household*	Agihan pendapatan *Income share*
Jumlah *Total*	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
1,999 dan ke bawah *1,999 and below*	15.5	4.3	0.7	0.1	3.7	0.8	0.0	0.0
2,000 – 2,999	16.4	7.6	1.5	0.3	8.2	2.6	0.2	0.0
3,000 – 3,999	15.7	10.1	6.7	2.0	13.0	5.6	6.2	1.9
4,000 – 4,999	12.5	10.4	8.3	3.2	14.4	7.8	6.0	2.3
5,000 – 5,999	9.8	10.0	8.0	3.8	11.0	7.3	8.3	4.0
6,000 – 6,999	6.9	8.3	8.8	4.9	8.6	6.8	13.9	7.8
7,000 – 7,999	5.2	7.3	8.4	5.4	8.2	7.6	13.9	9.0
8,000 – 8,999	3.7	5.8	7.1	5.1	5.1	5.3	8.5	6.3
9,000 – 9,999	2.8	4.9	7.1	5.8	5.0	5.8	6.6	5.4
10,000 – 10,999	2.3	4.4	5.7	5.1	3.8	4.9	5.0	4.5
11,000 – 11,999	1.9	4.1	5.4	5.2	2.9	4.0	4.3	4.3
12,000 – 12,999	1.5	3.5	4.7	5.0	2.6	3.9	3.7	4.0
13,000 – 13,999	1.4	3.4	3.7	4.2	2.2	3.6	2.3	2.7
14,000 – 14,999	0.9	2.5	3.4	4.2	1.0	1.7	1.9	2.3
15,000 dan ke atas *15,000 and above*	3.5	13.5	20.5	45.6	10.3	32.2	19.3	45.3

Jadual 1.11: Peratusan isi rumah dan agihan pendapatan mengikut kelas pendapatan kasar isi rumah bulanan, negeri dan strata, Malaysia, 2016 (samb.)
Table   1.11: Percentage of household and income share by monthly household gross income class, state and strata, Malaysia, 2016 (cont'd)

(%)

Kelas pendapatan kasar *Gross income class* (RM)	Bandar *Urban*									
	Jumlah/*Total*		Johor		Kedah		Kelantan		Melaka	
	Isi rumah *Household*	Agihan pendapatan *Income share*	Isi rumah *Household*	Agihan pendapatan *Income share*	Isi rumah *Household*	Agihan pendapatan *Income share*	Isi rumah *Household*	Agihan pendapatan *Income share*	Isi rumah *Household*	Agihan pendapatan *Income share*
Jumlah *Total*	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
1,999 dan ke bawah *1,999 and below*	5.8	1.1	4.2	0.9	14.2	3.9	14.8	4.6	3.3	0.7
2,000 – 2,999	8.8	2.9	8.8	3.0	16.9	7.9	24.2	12.0	8.0	2.9
3,000 – 3,999	13.6	6.2	12.5	5.9	17.1	11.1	16.3	11.6	17.3	8.7
4,000 – 4,999	12.7	7.4	12.5	7.7	13.8	11.4	12.0	11.1	13.9	9.1
5,000 – 5,999	10.6	7.6	11.9	8.9	8.9	9.1	8.2	9.3	11.3	9.0
6,000 – 6,999	8.8	7.4	10.0	8.8	6.8	8.2	5.5	7.3	9.9	9.3
7,000 – 7,999	7.2	7.1	8.1	8.3	5.1	7.1	4.2	6.4	7.6	8.3
8,000 – 8,999	5.7	6.3	6.6	7.6	3.5	5.5	2.8	4.8	5.6	6.8
9,000 – 9,999	4.8	6.0	5.1	6.6	2.9	5.2	2.8	5.4	5.1	7.0
10,000 – 10,999	3.9	5.3	4.5	6.4	2.1	4.1	1.7	3.7	4.2	6.4
11,000 – 11,999	3.2	4.8	3.1	4.9	1.5	3.2	1.9	4.5	3.5	5.8
12,000 – 12,999	2.6	4.2	2.5	4.2	1.6	3.8	1.2	3.1	1.6	3.0
13,000 – 13,999	2.0	3.6	1.8	3.2	0.9	2.2	1.1	3.0	1.7	3.3
14,000 – 14,999	1.6	3.1	1.8	3.5	0.8	2.3	0.9	2.6	1.6	3.3
15,000 dan ke atas *15,000 and above*	8.7	27.2	6.4	20.0	3.8	15.2	2.6	10.6	5.4	16.5

Jadual 1.11: Peratusan isi rumah dan agihan pendapatan mengikut kelas pendapatan kasar isi rumah bulanan, negeri dan strata, Malaysia, 2016 (samb.)
Table 1.11: Percentage of household and income share by monthly household gross income class, state and strata, Malaysia, 2016 (cont'd)

(%)

Kelas pendapatan kasar *Gross income class* (RM)	Bandar *Urban*							
	Negeri Sembilan		Pahang		Pulau Pinang		Perak	
	Isi rumah *Household*	Agihan pendapatan *Income share*	Isi rumah *Household*	Agihan pendapatan *Income share*	Isi rumah *Household*	Agihan pendapatan *Income share*	Isi rumah *Household*	Agihan pendapatan *Income share*
Jumlah *Total*	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1,999 dan ke bawah *1,999 and below*	9.3	2.2	6.8	1.9	5.7	1.2	11.5	3.2
2,000 – 2,999	12.3	4.8	12.6	5.7	7.8	2.9	14.2	6.6
3,000 – 3,999	15.7	8.7	21.2	13.1	17.5	8.8	20.3	13.0
4,000 – 4,999	14.2	10.0	15.3	12.2	13.4	8.8	14.7	12.1
5,000 – 5,999	10.2	8.8	12.4	12.1	11.2	9.0	8.8	8.9
6,000 – 6,999	9.1	9.3	6.9	7.9	9.6	9.1	7.9	9.4
7,000 – 7,999	6.1	7.2	6.6	8.8	7.7	8.4	5.4	7.5
8,000 – 8,999	5.5	7.3	4.5	6.7	5.7	7.0	4.1	6.4
9,000 – 9,999	3.3	4.9	2.7	4.6	4.6	6.4	2.7	4.7
10,000 – 10,999	2.9	4.8	3.0	5.5	3.4	5.1	2.3	4.5
11,000 – 11,999	2.2	4.0	1.8	3.6	2.6	4.4	1.8	3.9
12,000 – 12,999	1.3	2.5	1.5	3.4	2.3	4.2	1.3	3.0
13,000 – 13,999	1.2	2.6	1.0	2.5	1.8	3.6	1.0	2.5
14,000 – 14,999	1.1	2.5	0.7	1.8	1.0	2.1	0.8	2.3
15,000 dan ke atas *15,000 and above*	5.6	20.3	3.0	10.3	5.7	18.9	3.2	12.0

Jadual 1.11: Peratusan isi rumah dan agihan pendapatan mengikut kelas pendapatan kasar isi rumah bulanan, negeri dan strata, Malaysia, 2016 (samb.)
Table 1.11: Percentage of household and income share by monthly household gross income class, state and strata, Malaysia, 2016 (cont'd)

(%)

Kelas pendapatan kasar *Gross income class* (RM)	Bandar *Urban*							
	Perlis		Selangor		Terengganu		Sabah	
	Isi rumah *Household*	Agihan pendapatan *Income share*	Isi rumah *Household*	Agihan pendapatan *Income share*	Isi rumah *Household*	Agihan pendapatan *Income share*	Isi rumah *Household*	Agihan pendapatan *Income share*
Jumlah *Total*	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
1,999 dan ke bawah *1,999 and below*	10.4	3.0	1.3	0.2	5.7	1.3	11.4	2.8
2,000 – 2,999	15.7	7.5	3.2	0.8	6.4	2.5	16.0	6.5
3,000 – 3,999	19.7	13.5	8.9	3.2	21.6	11.9	13.9	7.8
4,000 – 4,999	15.4	13.4	12.0	5.5	15.9	11.4	11.8	8.5
5,000 – 5,999	11.2	11.7	11.3	6.4	12.1	10.5	9.6	8.6
6,000 – 6,999	7.4	9.3	9.5	6.4	7.3	7.6	8.2	8.7
7,000 – 7,999	4.6	6.6	8.3	6.4	6.5	7.8	6.5	8.0
8,000 – 8,999	4.3	7.2	7.1	6.2	5.1	6.9	4.1	5.7
9,000 – 9,999	2.7	4.9	6.4	6.3	4.1	6.2	3.5	5.4
10,000 – 10,999	1.6	3.4	5.1	5.5	3.2	5.3	2.5	4.2
11,000 – 11,999	1.6	3.6	4.4	5.2	3.3	6.1	2.0	3.7
12,000 – 12,999	1.9	4.5	3.5	4.5	2.1	4.3	2.2	4.6
13,000 – 13,999	0.9	2.4	2.8	4.0	1.5	3.1	1.7	3.9
14,000 – 14,999	1.1	3.0	2.1	3.1	1.1	2.5	1.2	2.8
15,000 dan ke atas *15,000 and above*	1.4	5.9	14.1	36.2	4.0	12.6	5.6	18.9

(%)

Kelas pendapatan kasar *Gross income class*	Bandar *Urban*							
	Sarawak		W.P. Kuala Lumpur		W.P. Labuan		W.P. Putrajaya	
(RM)	Isi rumah *Household*	Agihan pendapatan *Income share*	Isi rumah *Household*	Agihan pendapatan *Income share*	Isi rumah *Household*	Agihan pendapatan *Income share*	Isi rumah *Household*	Agihan pendapatan *Income share*
Jumlah *Total*	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
1,999 dan ke bawah *1,999 and below*	7.6	1.8	0.7	0.1	3.6	0.7	0.0	0.0
2,000 – 2,999	11.5	4.4	1.5	0.3	7.8	2.4	0.2	0.0
3,000 – 3,999	14.4	7.6	6.7	2.0	12.4	5.3	6.2	1.9
4,000 – 4,999	13.8	9.5	8.3	3.2	15.0	8.0	6.0	2.3
5,000 – 5,999	11.4	9.6	8.0	3.8	11.5	7.5	8.3	4.0
6,000 – 6,999	8.7	8.6	8.8	4.9	8.1	6.3	13.9	7.8
7,000 – 7,999	6.7	7.6	8.4	5.4	7.8	7.1	13.9	9.0
8,000 – 8,999	5.0	6.5	7.1	5.1	5.1	5.2	8.5	6.3
9,000 – 9,999	3.8	5.5	7.1	5.8	5.3	6.0	6.6	5.4
10,000 – 10,999	3.1	5.0	5.7	5.1	3.9	5.0	5.0	4.5
11,000 – 11,999	2.9	5.0	5.4	5.2	3.1	4.3	4.3	4.3
12,000 – 12,999	2.2	4.3	4.7	5.0	2.6	3.8	3.7	4.0
13,000 – 13,999	2.0	4.1	3.7	4.2	2.2	3.6	2.3	2.7
14,000 – 14,999	1.4	3.1	3.4	4.2	0.9	1.6	1.9	2.3
15,000 dan ke atas *15,000 and above*	5.4	17.2	20.5	45.6	10.6	33.1	19.3	45.3

(%)

Kelas pendapatan kasar *Gross income class* (RM)	Luar bandar *Rural*									
	Jumlah/*Total*		Johor		Kedah		Kelantan		Melaka	
	Isi rumah *Household*	Agihan pendapatan *Income share*	Isi rumah *Household*	Agihan pendapatan *Income share*	Isi rumah *Household*	Agihan pendapatan *Income share*	Isi rumah *Household*	Agihan pendapatan *Income share*	Isi rumah *Household*	Agihan pendapatan *Income share*
Jumlah *Total*	100.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1,999 dan ke bawah *1,999 and below*	19.7	6.6	10.6	3.0	25.6	9.3	31.0	12.6	4.7	1.2
2,000 – 2,999	20.0	11.3	13.9	6.5	23.6	14.6	26.8	18.4	16.9	6.5
3,000 – 3,999	19.7	15.6	18.2	11.9	17.8	15.4	16.5	15.9	19.2	10.9
4,000 – 4,999	12.0	12.2	14.4	12.0	10.9	12.2	7.0	8.7	15.6	11.5
5,000 – 5,999	8.7	10.8	13.1	13.3	6.7	9.2	5.4	8.2	9.7	8.7
6,000 – 6,999	5.8	8.6	8.2	9.9	3.7	6.0	3.2	5.9	7.3	7.8
7,000 – 7,999	3.8	6.5	5.8	8.1	2.5	4.6	2.7	5.6	4.5	5.6
8,000 – 8,999	2.8	5.4	4.3	6.8	2.1	4.5	1.8	4.3	4.1	5.8
9,000 – 9,999	2.0	4.2	3.4	5.9	1.8	4.2	1.2	3.2	4.9	7.7
10,000 – 10,999	1.4	3.4	1.9	3.7	1.0	2.7	1.0	3.0	1.9	3.2
11,000 – 11,999	1.0	2.7	1.1	2.3	1.0	2.8	0.8	2.6	1.4	2.7
12,000 – 12,999	0.8	2.4	1.1	2.6	0.8	2.4	0.7	2.5	0.9	1.8
13,000 – 13,999	0.7	2.1	0.8	2.1	0.6	1.9	0.7	2.5	1.2	2.7
14,000 – 14,999	0.5	1.5	1.0	2.8	0.6	2.0	0.3	1.2	0.6	1.4
15,000 dan ke atas *15,000 and above*	1.4	6.7	2.1	9.1	1.3	8.2	0.9	5.2	7.0	22.4

Jadual 1.11: Peratusan isi rumah dan agihan pendapatan mengikut kelas pendapatan kasar isi rumah bulanan, negeri dan strata, Malaysia, 2016 (samb.)
Table   1.11: Percentage of household and income share by monthly household gross income class, state and strata, Malaysia, 2016 (cont'd)

<div align="right">(%)</div>

Kelas pendapatan kasar *Gross income class* (RM)	Luar bandar *Rural*									
	Negeri Sembilan		Pahang		Pulau Pinang		Perak		Perlis	
	Isi rumah *Household*	Agihan pendapatan *Income share*	Isi rumah *Household*	Agihan pendapatan *Income share*	Isi rumah *Household*	Agihan pendapatan *Income share*	Isi rumah *Household*	Agihan pendapatan *Income share*	Isi rumah *Household*	Agihan pendapatan *Income share*
Jumlah *Total*	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1,999 dan ke bawah *1,999 and below*	16.8	5.3	10.5	3.8	9.6	2.5	23.3	8.4	10.2	3.3
2,000 – 2,999	18.0	9.6	21.1	12.8	11.2	5.4	20.7	13.1	18.5	9.8
3,000 – 3,999	16.7	12.6	33.4	27.7	21.8	14.3	19.8	17.6	20.0	14.8
4,000 – 4,999	14.1	13.6	11.7	12.7	15.8	13.2	12.2	14.0	18.5	17.5
5,000 – 5,999	11.1	13.1	7.7	10.1	9.7	9.9	7.7	10.9	10.5	12.2
6,000 – 6,999	8.1	11.2	5.7	9.0	9.3	11.4	6.0	10.1	6.9	9.5
7,000 – 7,999	3.4	5.5	2.5	4.6	6.4	9.1	3.3	6.4	3.9	6.1
8,000 – 8,999	3.7	6.7	2.7	5.5	6.0	9.5	1.8	3.9	2.9	5.2
9,000 – 9,999	1.4	3.0	1.1	2.5	2.1	3.7	1.2	2.9	2.4	4.7
10,000 – 10,999	1.8	4.0	1.0	2.5	1.8	3.5	1.4	3.7	2.1	4.7
11,000 – 11,999	1.7	4.1	0.7	2.0	1.7	3.7	1.0	2.8	0.9	2.1
12,000 – 12,999	0.7	1.8	0.6	1.7	0.5	1.2	0.7	2.2	0.9	2.3
13,000 – 13,999	0.4	1.3	0.5	1.7	1.3	3.2	0.5	1.7	0.6	1.8
14,000 – 14,999	0.4	1.1	0.1	0.2	0.4	1.2	0.3	1.2	0.4	1.1
15,000 dan ke atas *15,000 and above*	1.7	7.2	0.7	3.1	2.3	8.3	0.2	1.0	1.3	4.8

Jadual 1.11: Peratusan isi rumah dan agihan pendapatan mengikut kelas pendapatan kasar isi rumah bulanan, negeri dan strata, Malaysia, 2016 (samb.)
Table 1.11: Percentage of household and income share by monthly household gross income class, state and strata, Malaysia, 2016 (cont'd)

(%)

Kelas pendapatan kasar *Gross income class* (RM)	Luar bandar *Rural*									
	Selangor		Terengganu		Sabah		Sarawak		W.P. Labuan	
	Isi rumah *Household*	Agihan pendapatan *Income share*	Isi rumah *Household*	Agihan pendapatan *Income share*	Isi rumah *Household*	Agihan pendapatan *Income share*	Isi rumah *Household*	Agihan pendapatan *Income share*	Isi rumah *Household*	Agihan pendapatan *Income share*
Jumlah *Total*	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1,999 dan ke bawah *1,999 and below*	6.6	1.5	10.3	3.2	24.4	8.4	27.0	10.7	5.0	1.2
2,000 – 2,999	9.1	3.6	11.7	6.0	22.4	13.2	23.6	15.8	11.7	4.4
3,000 – 3,999	17.1	9.3	26.7	19.0	17.5	14.9	17.5	16.3	17.5	8.9
4,000 – 4,999	15.1	10.6	14.9	13.7	11.2	12.2	10.7	12.8	9.2	5.8
5,000 – 5,999	13.2	11.3	10.5	11.9	7.5	10.1	7.3	10.8	6.7	5.3
6,000 – 6,999	10.3	10.5	8.4	11.2	3.9	6.2	4.3	7.6	13.3	12.1
7,000 – 7,999	6.9	8.1	5.1	7.9	3.4	6.1	3.1	6.3	11.7	12.4
8,000 – 8,999	4.6	6.2	3.7	6.6	2.3	4.8	1.8	4.1	5.0	5.9
9,000 – 9,999	4.7	7.0	2.7	5.3	1.5	3.6	1.3	3.2	3.3	4.5
10,000 – 10,999	2.1	3.4	2.2	4.8	1.3	3.3	1.0	2.9	2.5	3.8
11,000 – 11,999	2.2	4.0	1.4	3.4	0.8	2.3	0.6	1.9	1.7	2.7
12,000 – 12,999	2.4	4.7	0.8	2.1	0.8	2.5	0.4	1.3	1.7	3.0
13,000 – 13,999	1.4	3.0	0.6	1.6	1.0	3.3	0.4	1.4	1.7	3.1
14,000 – 14,999	0.9	2.0	0.3	1.0	0.5	1.8	0.2	0.8	1.7	3.4
15,000 dan ke atas *15,000 and above*	3.4	14.8	0.7	2.3	1.6	7.3	0.8	4.0	7.5	23.6

Jadual 1.12: Agihan pendapatan bagi kumpulan isi rumah terendah 10% hingga 90%, penengah, purata dan Pekali Gini mengikut kumpulan etnik dan strata, Malaysia, 2016

Table 1.12: Income share of household income group of bottom 10% to 90%, median, mean and Gini Coefficient by ethnic group and strata, Malaysia, 2016

Kumpulan isi rumah *Household group*		Jumlah *Total*				
		Peratus agihan pendapatan kumulatif *Cumulative per cent of income share*				
		Jumlah *Total*	Bumiputera	Cina *Chinese*	India *Indians*	Lain-lain *Others*
Terendah *Bottom*	**10%**	2.2	2.3	2.1	2.5	2.8
"	**20%**	5.9	6.1	5.6	6.5	6.7
"	**30%**	10.6	11.1	10.2	11.6	11.5
"	**40%**	16.4	17.0	15.8	17.5	17.2
"	**50%**	23.3	24.1	22.6	24.5	24.2
"	**60%**	31.5	32.5	30.8	32.9	32.4
"	**70%**	41.5	42.6	40.8	42.7	41.7
"	**80%**	53.8	55.0	53.1	54.8	53.5
"	**90%**	69.8	71.1	68.9	70.7	69.8
Penengah (RM/Bulan) *Median (RM/Month)*		5,228	4,846	6,582	5,428	3,780
Purata (RM/Bulan) *Mean (RM/Month)*		6,958	6,267	8,750	7,150	4,951
Pekali Gini *Gini Coefficient*		0.399	0.385	0.411	0.382	0.391

Jadual 1.12: Agihan pendapatan bagi kumpulan isi rumah terendah 10% hingga 90%, penengah, purata dan Pekali Gini mengikut kumpulan etnik dan strata, Malaysia, 2016 (samb.)

Table 1.12: Income share of household income group of bottom 10% to 90%, median, mean and Gini Coefficient by ethnic group and strata, Malaysia, 2016 (cont'd)

Kumpulan isi rumah *Household group*		Bandar *Urban*				
		Peratus agihan pendapatan kumulatif *Cumulative per cent of income share*				
		Jumlah *Total*	Bumiputera	Cina *Chinese*	India *Indians*	Lain-lain *Others*
Terendah *Bottom*	**10%**	2.4	2.5	2.1	2.5	2.7
"	**20%**	6.2	6.6	5.7	6.5	6.5
"	**30%**	11.1	11.8	10.3	11.6	11.2
"	**40%**	17.0	17.9	15.9	17.5	16.8
"	**50%**	24.0	25.1	22.8	24.6	23.8
"	**60%**	32.4	33.6	31.1	32.9	31.8
"	**70%**	42.4	43.8	41.1	42.8	41.2
"	**80%**	54.6	56.1	53.3	54.9	53.3
"	**90%**	70.4	71.8	69.1	70.7	69.6
Penengah (RM/Bulan) *Median (RM/Month)*		5,860	5,566	6,799	5,590	4,116
Purata (RM/Bulan) *Mean (RM/Month)*		7,671	7,095	8,986	7,320	5,402
Pekali Gini *Gini Coefficient*		0.389	0.370	0.408	0.381	0.396

Jadual 1.12: Agihan pendapatan bagi kumpulan isi rumah terendah 10% hingga 90%, penengah, purata dan Pekali Gini mengikut kumpulan etnik dan strata, Malaysia, 2016 (samb.)
Table 1.12: Income share of household income group of bottom 10% to 90%, median, mean and Gini Coefficient by ethnic group and strata, Malaysia, 2016 (cont'd)

Kumpulan isi rumah *Household group*		Luar bandar *Rural*				
		Peratus agihan pendapatan kumulatif *Cumulative per cent of income share*				
		Jumlah *Total*	Bumiputera	Cina *Chinese*	India *Indians*	Lain-lain *Others*
Terendah *Bottom*	**10%**	2.7	2.7	2.4	3.0	3.1
"	**20%**	6.7	6.7	6.3	7.6	7.4
"	**30%**	11.8	11.9	11.3	13.4	12.6
"	**40%**	18.1	18.1	17.3	20.3	18.7
"	**50%**	25.5	25.6	24.5	28.3	26.1
"	**60%**	34.0	34.2	32.8	37.8	34.8
"	**70%**	44.2	44.3	42.7	49.0	44.7
"	**80%**	56.6	56.8	54.7	61.6	56.0
"	**90%**	72.5	72.7	70.3	77.0	71.5
Penengah (RM/Bulan) *Median (RM/Month)*		3,471	3,415	4,125	3,863	3,305
Purata (RM/Bulan) *Mean (RM/Month)*		4,359	4,267	5,408	4,545	4,101
Pekali Gini *Gini Coefficient*		0.364	0.362	0.385	0.312	0.360

Jadual 1.13: Pendapatan isi rumah kasar bulanan penengah dan purata mengikut sijil tertinggi diperoleh ketua isi rumah dan kumpulan etnik, Malaysia, 2016

Table 1.13: Median and mean monthly household gross income by highest certificate obtained of head of household and ethnic group, Malaysia, 2016

(RM)

Sijil tertinggi diperoleh / Highest certificate obtained	Penengah/Median					Purata/Mean				
	Jumlah Total	Bumiputera	Cina Chinese	India Indians	Lain-lain Others	Jumlah Total	Bumiputera	Cina Chinese	India Indians	Lain-lain Others
Jumlah / *Total*	**5,228**	**4,846**	**6,582**	**5,428**	**3,780**	**6,958**	**6,267**	**8,750**	**7,150**	**4,951**
Ijazah / *Degree*	11,223	10,634	12,444	11,561	10,313	13,703	12,625	15,756	14,090	12,540
Diploma/Sijil / *Diploma/certificate*	7,185	6,677	8,883	7,278	5,137	8,627	7,815	10,894	8,813	6,466
STPM / *HSC*	5,502	5,225	6,813	5,855	4,169	6,791	6,203	8,532	7,149	4,729
SPM/SPMV / *MCE/MCVE*	5,004	4,652	6,339	5,200	4,111	6,069	5,520	7,792	6,081	4,887
PMR/SRP / *LSAE/LCE*	4,064	3,662	4,971	4,183	3,484	4,968	4,339	6,262	5,125	4,048
Tiada sijil / *No certificate*	3,144	2,854	3,841	3,717	2,773	3,955	3,444	5,047	4,353	3,438

Jadual 1.14: Agihan pendapatan bagi kumpulan isi rumah terendah 10% hingga 90%, penengah dan purata mengikut sijil tertinggi diperoleh ketua isi rumah, Malaysia, 2016

Table 1.14: Income share of household income group of bottom 10% to 90%, median and mean by highest certificate obtained of head of household, Malaysia, 2016

Kumpulan isi rumah *Household group*		Peratus agihan pendapatan kumulatif *Cumulative per cent of income share*						
		Jumlah *Total*	Ijazah *Degree*	Diploma/ Sijil *Diploma/ Certificate*	STPM *HSC*	SPM/ SPMV *MCE/ MCVE*	PMR/ SRP *LSAE/ LCE*	Tiada sijil *No certificate*
Terendah *Bottom*	**10%**	2.2	2.9	3.2	3.1	3.1	2.9	2.6
"	**20%**	5.9	7.4	7.7	7.7	7.8	7.3	6.5
"	**30%**	10.6	12.8	13.4	13.3	13.4	12.8	11.4
"	**40%**	16.4	19.3	20.1	19.8	20.1	19.3	17.4
"	**50%**	23.3	27.0	27.8	27.3	27.7	27.0	24.7
"	**60%**	31.5	35.7	36.8	36.2	36.6	35.7	33.3
"	**70%**	41.5	45.8	47.2	46.8	47.0	46.0	43.6
"	**80%**	53.8	57.6	59.3	59.2	59.2	58.2	56.1
"	**90%**	69.8	72.5	74.3	74.8	74.5	73.6	72.2
Penengah (RM/Bulan) *Median (RM/Month)*		5,228	11,223	7,185	5,502	5,004	4,064	3,144
Purata (RM/Bulan) *Mean (RM/Month)*		6,958	13,703	8,627	6,791	6,069	4,968	3,955

Jadual 1.15: Pendapatan isi rumah kasar bulanan penengah dan purata mengikut pekerjaan ketua isi rumah dan kumpulan etnik, Malaysia, 2016
Table 1.15: Median and mean monthly household gross income by occupation of head of household and ethnic group, Malaysia, 2016

(RM)

Pekerjaan *Occupation*	Penengah/*Median*					Purata/*Mean*				
	Jumlah *Total*	Bumiputera	Cina *Chinese*	India *Indians*	Lain-lain *Others*	Jumlah *Total*	Bumiputera	Cina *Chinese*	India *Indians*	Lain-lain *Others*
Jumlah *Total*	**5,228**	**4,846**	**6,582**	**5,428**	**3,780**	**6,958**	**6,267**	**8,750**	**7,150**	**4,951**
Pengurus *Managers*	11,372	10,364	12,294	11,738	7,540	15,272	13,951	16,619	14,739	9,364
Profesional *Professionals*	9,822	9,490	10,964	9,664	8,712	11,470	10,897	12,984	11,634	10,968
Juruteknik dan profesional bersekutu *Technician and associate professionals*	6,752	6,307	7,853	6,725	5,104	7,829	7,248	9,228	7,653	5,917
Pekerja sokongan perkeranian *Clerical support workers*	5,515	5,519	5,734	5,326	4,169	6,301	6,258	6,508	6,297	5,459
Pekerja perkhidmatan dan jualan *Service and sales workers*	4,580	4,355	5,564	4,617	3,271	5,558	5,183	6,728	5,431	4,064
Pekerja mahir pertanian, perhutanan dan perikanan *Skilled agricultural, forestry and fishery workers*	3,263	3,149	4,168	3,940	3,645	3,949	3,744	5,202	4,743	4,287
Pekerja kemahiran dan pekerja pertukangan yang berkaitan *Craft and related trades workers*	4,418	3,869	5,527	4,525	2,773	5,504	4,778	6,663	5,451	3,634
Operator mesin dan loji, dan pemasang *Plant and machine-operators and assemblers*	4,677	4,502	5,586	4,829	3,484	5,373	5,124	6,474	5,470	4,081
Pekerja asas *Elementary occupations*	3,513	3,406	4,019	3,980	2,863	4,133	3,972	4,988	4,482	3,273
Pekerjaan yang tidak dikelaskan di mana-mana *Occupation not elsewhere classified*	2,792	2,697	2,991	2,758	2,246	3,496	3,487	3,549	3,422	2,762

Nota/*Note* :

Klasifikasi pekerjaan berdasarkan Piawaian Pengelasan Pekerjaan Malaysia (MASCO) 2013
Occupation classificatian is based on Malaysia Standard Classification of Occupations (MASCO) 2013

Jadual 1.16: Agihan pendapatan bagi kumpulan isi rumah terendah 10% hingga 90%, penengah dan purata mengikut pekerjaan ketua isi rumah, Malaysia, 2016

Table 1.16: Income share of household income group of bottom 10% to 90%, median and mean by occupation of head of household, Malaysia, 2016

Kumpulan isi rumah *Household group*		Peratus agihan pendapatan kumulatif *Cumulative per cent of income share*					
		Jumlah *Total*	Pengurus *Managers*	Profesional *Professionals*	Juruteknik dan profesional bersekutu *Technician and associate professionals*	Pekerja sokongan perkeranian *Clerical support workers*	Pekerja perkhidmatan dan jualan *Service and sales workers*
Terendah *Bottom*	**10%**	2.2	2.4	3.2	3.6	3.9	3.1
"	**20%**	5.9	6.3	8.0	8.7	9.3	7.6
"	**30%**	10.6	11.1	13.9	14.8	15.6	13.3
"	**40%**	16.4	17.1	20.8	21.8	22.8	20.0
"	**50%**	23.3	24.0	28.7	29.8	31.1	27.7
"	**60%**	31.5	32.1	37.9	39.0	40.4	36.6
"	**70%**	41.5	41.7	48.5	49.6	51.1	47.0
"	**80%**	53.8	53.5	60.7	61.9	63.5	59.4
"	**90%**	69.8	68.9	75.6	76.7	78.6	74.9
Penengah (RM/Bulan) *Median (RM/Month)*		5,228	11,372	9,822	6,752	5,515	4,580
Purata (RM/Bulan) *Mean (RM/Month)*		6,958	15,272	11,470	7,829	6,301	5,558

Nota/*Note* :

Klasifikasi pekerjaan berdasarkan Piawaian Pengelasan Pekerjaan Malaysia (MASCO) 2013
Occupation classificatian is based on Malaysia Standard Classification of Occupations (MASCO) 2013

Jadual 1.16: Agihan pendapatan bagi kumpulan isi rumah terendah 10% hingga 90%, penengah dan purata mengikut pekerjaan ketua isi rumah, Malaysia, 2016 (samb.)

Table 1.16: Income share of household income group of bottom 10% to 90%, median and mean by occupation of head of household, Malaysia, 2016 (cont'd)

Kumpulan isi rumah *Household group*		Peratus agihan pendapatan kumulatif *Cumulative per cent of income share*				
		Pekerja mahir pertanian, perhutanan dan perikanan *Skilled agricultural, forestry and fishery workers*	Pekerja kemahiran dan pekerja pertukangan yang berkaitan *Craft and related trades workers*	Operator mesin dan loji, dan pemasang *Plant and machine-operators and assemblers*	Pekerja asas *Elementary occupations*	Pekerjaan yang tidak dikelaskan di mana-mana *Occupation not elsewhere classified*
Terendah *Bottom*	**10%**	3.1	3.0	3.7	3.2	2.6
"	**20%**	7.6	7.5	9.0	7.7	6.3
"	**30%**	13.2	13.0	15.2	13.4	11.1
"	**40%**	19.8	19.5	22.4	20.2	16.9
"	**50%**	27.6	27.0	30.5	28.1	24.1
"	**60%**	36.5	35.7	39.8	37.2	32.8
"	**70%**	46.8	45.9	50.5	47.8	43.0
"	**80%**	59.1	58.1	62.9	60.4	55.2
"	**90%**	74.5	73.7	77.8	76.1	71.1
Penengah (RM/Bulan) *Median (RM/Month)*		3,263	4,418	4,677	3,513	2,792
Purata (RM/Bulan) *Mean (RM/Month)*		3,949	5,504	5,373	4,133	3,496

Nota/*Note* :

Klasifikasi pekerjaan berdasarkan Piawaian Pengelasan Pekerjaan Malaysia (MASCO) 2013
Occupation classificatian is based on Malaysia Standard Classification of Occupations (MASCO) 2013

Jadual 1.17: Pendapatan isi rumah kasar bulanan penengah dan purata mengikut industri ketua isi rumah dan kumpulan etnik, Malaysia, 2016
Table 1.17: Median and mean monthly household gross income by industry of head of household and ethnic group, Malaysia, 2016

(RM)

Industri / Industry	Penengah/Median					Purata/Mean				
	Jumlah / Total	Bumiputera	Cina / Chinese	India / Indians	Lain-lain / Others	Jumlah / Total	Bumiputera	Cina / Chinese	India / Indians	Lain-lain / Others
Jumlah / *Total*	**5,228**	**4,846**	**6,582**	**5,428**	**3,780**	**6,958**	**6,267**	**8,750**	**7,150**	**4,951**
Pertanian, perhutanan dan perikanan / *Agriculture, forestry and fishing*	3,262	3,119	4,305	4,261	3,499	4,077	3,764	5,741	5,113	4,143
Perlombongan dan pengkuarian / *Mining and quarrying*	8,003	8,179	9,737	6,553	2,801	11,708	12,030	11,839	8,747	6,079
Pembuatan / *Manufacturing*	5,620	5,025	7,496	5,802	3,706	7,110	6,044	9,349	7,105	4,383
Bekalan elektrik, gas, wap dan pendingin udara / *Electricity, gas, steam and air conditioning supply*	6,902	6,702	9,077	7,959	7,896	8,819	8,205	11,536	13,521	7,651
Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan / *Water supply; sewerage, waste management and remediation activities*	4,915	4,625	5,953	5,056	5,064	6,108	5,593	8,790	5,716	5,441
Pembinaan / *Construction*	5,388	4,578	7,198	5,768	3,663	7,486	6,291	9,723	7,299	4,355
Perdagangan borong dan runcit; pembaikan kenderaan bermotor dan motosikal / *Wholesale and retail trade; repair of motor vehicles and motorcycles*	5,588	4,596	6,978	5,253	3,811	7,376	5,937	9,110	6,808	4,443
Pengangkutan dan penyimpanan / *Transportation and storage*	5,263	5,105	6,781	5,218	3,304	6,686	6,340	8,878	6,263	4,101
Penginapan dan aktiviti perkhidmatan makanan dan minuman / *Accommodation and food and beverages service activities*	5,006	4,591	6,187	5,480	3,977	6,510	5,824	7,976	7,503	5,799
Maklumat dan komunikasi / *Information and communication*	9,422	8,390	12,059	9,543	4,425	11,859	10,759	13,905	11,573	7,165
Aktiviti kewangan dan insurans/takaful / *Financial and insurance/takaful activities*	9,398	8,919	10,254	9,398	8,785	11,633	10,907	12,661	11,814	8,803

Nota/*Note*:
Klasifikasi industri berdasarkan Piawaian Klasifikasi Industri Malaysia (MSIC) 2008
Industry classificatian is based on Malaysia Standard Industrial Classification (MSIC) 2008

Jadual 1.17: Pendapatan isi rumah kasar bulanan penengah dan purata mengikut industri ketua isi rumah dan kumpulan etnik, Malaysia, 2016(samb.)
Table 1.17: Median and mean monthly household gross income by industry of head of household and ethnic group, Malaysia, 2016 (cont'd)

(RM)

Industri *Industry*	Penengah/*Median*					Purata/*Mean*				
	Jumlah *Total*	Bumiputera	Cina *Chinese*	India *Indians*	Lain-lain *Others*	Jumlah *Total*	Bumiputera	Cina *Chinese*	India *Indians*	Lain-lain *Others*
Aktiviti hartanah *Real estate activities*	10,013	8,212	10,653	10,505	4,176	13,491	11,003	15,867	11,790	6,575
Aktiviti profesional, saintifik dan teknikal *Professional, scientific and technical activities*	8,869	8,264	9,897	9,766	6,040	11,814	10,576	13,200	12,935	11,716
Aktiviti pentadbiran dan khidmat sokongan *Administrative and support service activities*	4,237	4,012	7,596	4,496	3,576	5,541	4,898	9,751	5,893	4,212
Pentadbiran awam dan pertahanan; aktiviti keselamatan sosial wajib *Public administration and defence; compulsory social security*	6,252	6,219	8,446	6,373	5,489	7,618	7,526	9,603	7,967	8,303
Pendidikan *Education*	8,541	8,662	8,058	7,262	8,712	9,481	9,459	9,778	8,877	10,553
Aktiviti kesihatan kemanusiaan dan kerja sosial *Human health and social work activities*	6,113	5,965	7,123	6,457	6,002	8,130	7,142	11,164	10,568	6,126
Kesenian, hiburan dan rekreasi *Arts, entertainment and recreation*	5,646	5,446	6,208	7,253	1,334	7,442	6,531	9,339	9,079	3,407
Aktiviti perkhidmatan lain *Other service activities*	5,105	4,541	5,747	5,386	6,184	6,365	5,583	7,080	6,694	5,381
Aktiviti isi rumah sebagai majikan, aktiviti mengeluarkan barangan dan perkhidmatan yang tidak dapat dibezakan oleh isi rumah untuk kegunaan sendiri *Activities of households as employers; undifferentiated goods and services producing activities of households for own use*	2,754	2,722	2,732	3,006	1,637	3,509	3,397	3,846	3,416	2,417
Organisasi dan badan di luar wilayah *Extra-territorial organisations and bodies*	7,511	9,882	7,511	3,642	-	8,429	9,741	7,511	4,808	-
Industri yang tidak dikelaskan di mana-mana *Industry not elsewhere classified*	2,792	2,697	2,991	2,758	2,246	3,496	3,487	3,549	3,422	2,762

Nota/*Note* :
Klasifikasi industri berdasarkan Piawaian Klasifikasi Industri Malaysia (MSIC) 2008
Industry classificatian is based on Malaysia Standard Industrial Classification (MSIC) 2008

Jadual 1.18: Agihan pendapatan bagi kumpulan isi rumah terendah 10% hingga 90%, penengah dan purata mengikut industri ketua isi rumah, Malaysia, 2016

Table   1.18: Income share of household income group of bottom 10% to 90%, median and mean by industry of head of household, Malaysia, 2016

Kumpulan isi rumah *Household group*		Peratus agihan pendapatan kumulatif *Cumulative per cent of income share*					
		Jumlah *Total*	Pertanian, perhutanan dan perikanan *Agriculture, forestry and fishing*	Perlombongan dan pengkuarian *Mining and quarrying*	Pembuatan *Manufacturing*	Bekalan elektrik, gas, wap dan pendingin udara *Electricity, gas, steam and air conditioning supply*	Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan *Water supply; sewerage, waste management and remediation activities*
Terendah *Bottom*	**10%**	2.2	3.0	2.3	2.9	3.0	3.0
"	**20%**	5.9	7.3	5.7	7.2	7.4	7.5
"	**30%**	10.6	12.6	10.0	12.6	12.5	12.9
"	**40%**	16.4	19.0	15.3	18.8	18.5	19.5
"	**50%**	23.3	26.5	21.6	26.1	25.7	27.0
"	**60%**	31.5	35.2	29.6	34.7	34.2	36.1
"	**70%**	41.5	45.2	39.0	44.8	44.1	46.0
"	**80%**	53.8	57.3	51.0	57.0	56.1	58.0
"	**90%**	69.8	72.7	67.8	72.4	71.7	73.0
Penengah (RM/Bulan) *Median (RM/Month)*		5,228	3,262	8,003	5,620	6,902	4,915
Purata (RM/Bulan) *Mean (RM/Month)*		6,958	4,077	11,708	7,110	8,819	6,108

Nota/*Note*:

Klasifikasi industri berdasarkan Piawaian Klasifikasi Industri Malaysia (MSIC**) 2008**

Industry classificatian is based on Malaysia Standard Industrial Classification (MSIC) 2008

Jadual 1.18: Agihan pendapatan bagi kumpulan isi rumah terendah 10% hingga 90%, penengah dan purata mengikut industri ketua isi rumah, Malaysia, 2016 (samb.)

Table 1.18: Income share of household income group of bottom 10% to 90%, median and mean by industry of head of household, Malaysia, 2016 (cont'd)

Kumpulan isi rumah *Household group*		Peratus agihan pendapatan kumulatif *Cumulative per cent of income share*					
		Pembinaan *Construction*	Perdagangan borong dan runcit; pembaikan kenderaan bermotor dan motosikal *Wholesale and retail trade; repair of motor vehicles and motorcycles*	Pengangkutan dan penyimpanan *Transportation and storage*	Penginapan dan aktiviti perkhidmatan makanan dan minuman *Accommodation and food and beverages service activities*	Maklumat dan komunikasi *Information and communication*	Aktiviti kewangan dan insurans/ takaful *Financial and insurance/ takaful activities*
Terendah *Bottom*	10%	2.4	2.5	3.2	2.7	2.9	3.1
"	20%	5.9	6.5	7.8	6.8	7.2	7.6
"	30%	10.5	11.4	13.3	11.9	12.6	13.0
"	40%	15.9	17.3	19.7	18.0	18.7	19.5
"	50%	22.5	24.3	27.1	25.1	26.1	27.1
"	60%	30.5	32.5	35.5	33.5	34.9	35.8
"	70%	40.2	42.3	45.4	43.3	45.2	46.2
"	80%	52.4	54.3	57.1	55.3	57.6	58.5
"	90%	68.5	69.5	71.9	70.7	73.6	73.5
Penengah (RM/Bulan) *Median (RM/Month)*		5,388	5,588	5,263	5,006	9,422	9,398
Purata (RM/Bulan) *Mean (RM/Month)*		7,486	7,376	6,686	6,510	11,859	11,633

Nota/*Note*:

Klasifikasi industri berdasarkan Piawaian Klasifikasi Industri Malaysia (MSIC) 2008
Industry classificatian is based on Malaysia Standard Industrial Classification (MSIC) 2008

Jadual 1.18: Agihan pendapatan bagi kumpulan isi rumah terendah 10% hingga 90%, penengah dan purata mengikut industri ketua isi rumah, Malaysia, 2016 (samb.)

Table 1.18: Income share of household income group of bottom 10% to 90%, median and mean by industry of head of household, Malaysia, 2016 (cont'd)

Kumpulan isi rumah *Household group*		Peratus agihan pendapatan kumulatif *Cumulative per cent of income share*					
		Aktiviti hartanah *Real estate activities*	Aktiviti profesional, saintifik dan teknikal *Professional, scientific and technical activities*	Aktiviti pentadbiran dan khidmat sokongan *Administrative and support service activities*	Pentadbiran awam dan pertahanan; aktiviti keselamatan sosial wajib *Public administration and defence; compulsory social security*	Pendidikan *Education*	Aktiviti kesihatan kemanusiaan dan kerja sosial *Human health and social work activities*
Terendah *Bottom*	10%	2.2	2.7	2.9	3.6	3.1	2.4
"	20%	6.2	6.6	7.1	8.5	7.8	6.2
"	30%	10.9	11.5	12.2	14.2	13.7	11.0
"	40%	16.6	17.5	18.3	21.0	20.9	16.8
"	50%	23.5	24.5	25.5	28.7	29.2	23.7
"	60%	31.5	32.6	33.9	37.5	38.9	32.0
"	70%	40.4	42.4	43.9	47.8	50.2	41.6
"	80%	51.3	54.1	56.2	59.9	63.1	53.2
"	90%	66.0	70.0	71.9	74.9	78.2	68.6
Penengah (RM/Bulan) *Median (RM/Month)*		10,013	8,869	4,237	6,252	8,541	6,113
Purata (RM/Bulan) *Mean (RM/Month)*		13,491	11,814	5,541	7,618	9,481	8,130

Nota/*Note* **:**

Klasifikasi industri berdasarkan Piawaian Klasifikasi Industri Malaysia (MSIC) 2008

Industry classificatian is based on Malaysia Standard Industrial Classification (MSIC) 2008

Jadual 1.18: Agihan pendapatan bagi kumpulan isi rumah terendah 10% hingga 90%, penengah dan purata mengikut industri ketua isi rumah, Malaysia, 2016 (samb.)

Table   1.18: Income share of household income group of bottom 10% to 90%, median and mean by industry of head of household, Malaysia, 2016 (cont'd)

Kumpulan isi rumah *Household group*		Peratus agihan pendapatan kumulatif *Cumulative per cent of income share*				
		Kesenian, hiburan dan rekreasi *Arts, entertainment and recreation*	Aktiviti perkhidmatan lain *Other service activities*	Aktiviti isi rumah sebagai majikan, aktiviti mengeluarkan barangan dan perkhidmatan yang tidak dapat dibezakan oleh isi rumah untuk kegunaan sendiri *Activities of households as employers; undifferentiated goods and services producing activities of households for own use*	Organisasi dan badan di luar wilayah *Extra-territorial organisations and bodies*	Industri yang tidak dikelaskan di mana-mana *Industry not elsewhere classified*
Terendah *Bottom*	10%	2.8	2.8	3.2	6.2	2.6
"	20%	6.9	7.2	7.6	9.7	6.3
"	30%	12.1	12.5	12.9	15.3	11.1
"	40%	18.1	18.8	19.3	23.0	16.9
"	50%	25.4	26.1	27.0	30.1	24.1
"	60%	33.5	34.8	35.0	48.2	32.8
"	70%	43.4	45.0	45.1	57.2	43.0
"	80%	56.4	57.7	58.4	70.1	55.2
"	90%	71.8	73.6	75.6	-	71.1
Penengah (RM/Bulan) *Median (RM/Month)*		5,646	5,105	2,754	7,511	2,792
Purata (RM/Bulan) *Mean (RM/Month)*		7,442	6,365	3,509	8,429	3,496

Nota/*Note* **:**

Klasifikasi industri berdasarkan Piawaian Klasifikasi Industri Malaysia (MSIC) 2008

Industry classificatian is based on Malaysia Standard Industrial Classification (MSIC) 2008

2.

**STATISTIK PENDAPATAN
BAGI KUMPULAN ISI RUMAH**
*Statistics on Household Income
by Household Group*
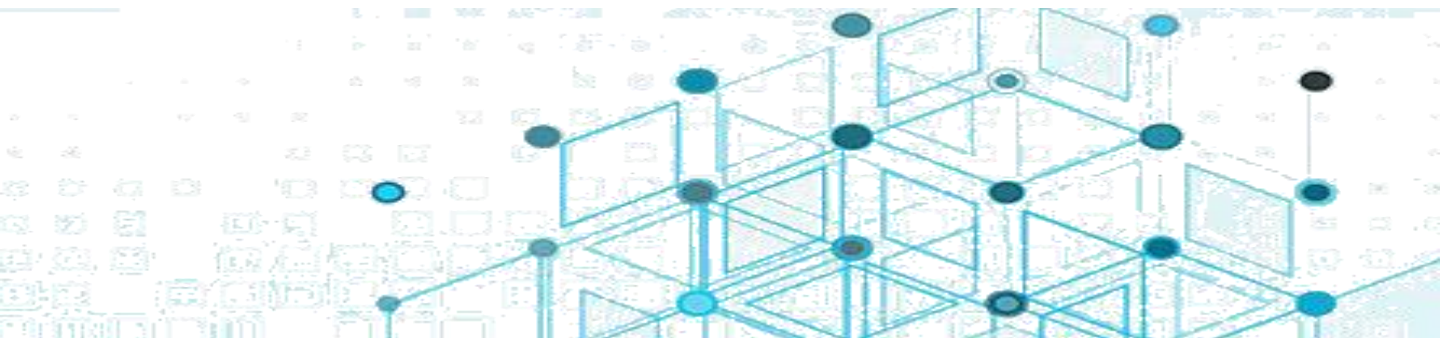
Jadual 2.1: Pendapatan isi rumah kasar bulanan penengah dan purata bagi kumpulan isi rumah mengikut pendapatan, kumpulan etnik dan strata, Malaysia, 2016

Table 2.1: Median and mean monthly household gross income of household group by income, ethnic group and strata, Malaysia, 2016

(RM)

Kumpulan isi rumah *Household group*	Penengah/*Median*					Purata/*Mean*				
	Jumlah *Total*	Bumiputera	Cina *Chinese*	India *Indians*	Lain-lain *Others*	Jumlah *Total*	Bumiputera	Cina *Chinese*	India *Indians*	Lain-lain *Others*
Jumlah *Total*										
Tertinggi 20% *Top 20%*	13,148	11,819	16,392	13,272	9,584	16,088	14,098	20,534	16,163	11,541
Pertengahan 40% *Middle 40%*	6,275	5,763	7,878	6,465	4,294	6,502	5,953	8,162	6,669	4,489
Terendah 40% *Bottom 40%*	3,000	2,756	3,559	3,251	2,149	2,848	2,666	3,446	3,131	2,131
Bandar *Urban*										
Tertinggi 20% *Top 20%*	14,185	13,016	16,778	13,740	10,332	17,416	15,583	20,975	16,529	12,624
Pertengahan 40% *Middle 40%*	6,973	6,560	8,132	6,645	4,565	7,208	6,774	8,402	6,831	4,922
Terendah 40% *Bottom 40%*	3,367	3,268	3,676	3,343	2,293	3,262	3,172	3,575	3,209	2,273
Luar bandar *Rural*										
Tertinggi 20% *Top 20%*	8,125	7,990	9,856	7,734	7,792	9,471	9,226	12,262	8,737	9,048
Pertengahan 40% *Middle 40%*	4,040	3,956	4,862	4,582	3,837	4,194	4,119	5,049	4,691	3,815
Terendah 40% *Bottom 40%*	2,012	1,971	2,381	2,350	1,976	1,969	1,936	2,344	2,309	1,921

Jadual 2.2: Peratusan isi rumah mengikut kumpulan isi rumah dan negeri, Malaysia, 2016
Table 2.2: Percentage of household by household group and state, Malaysia, 2016

			(%)
Negeri *State*	**Tertinggi 20%** *Top 20%*	**Pertengahan 40%** *Middle 40%*	**Terendah 40%** *Bottom 40%*
Bilangan isi rumah ('000) *Number of household ('000)*	**1,389.5**	**2,779.0**	**2,779.1**
MALAYSIA	100.0	100.0	100.0
Johor	11.5	14.0	10.2
Kedah	3.4	5.3	10.1
Kelantan	1.8	2.9	8.3
Melaka	3.0	3.5	2.7
Negeri Sembilan	2.4	3.7	4.3
Pahang	2.1	4.2	6.7
Pulau Pinang	5.5	7.0	5.7
Perak	4.4	7.6	12.5
Perlis	0.3	0.8	1.1
Selangor	36.8	26.4	11.0
Terengganu	2.3	3.5	3.9
Sabah	4.6	5.6	9.9
Sarawak	5.4	7.6	11.4
W.P. Kuala Lumpur	15.3	6.9	2.0
W.P. Labuan	0.4	0.3	0.2
W.P. Putrajaya	0.7	0.5	0.1

Nota/*Note* **:**
Mengikut had bagi Malaysia 2016
Refer to cut-off for Malaysia 2016

Terendah/*Bottom* **40%: < 4,360**
Pertengahan/*Middle* **40% : 4,360 - 9,619**
Tertinggi/*Top* **20% : ≥ 9,620**

Jadual 2.3: Pendapatan isi rumah kasar bulanan penengah dan purata bagi kumpulan isi rumah mengikut pendapatan dan negeri, Malaysia, 2016
Table   2.3: Median Median and mean monthly household gross income of household group by income and state, Malaysia, 2016

Negeri *State*	Penengah/*Median*			Purata/*Mean*		
	Terendah 40% *Bottom 40%*	**Pertengahan 40%** *Middle 40%*	**Tertinggi 20%** *Top 20%*	**Terendah 40%** *Bottom 40%*	**Pertengahan 40%** *Middle 40%*	**Tertinggi 20%** *Top 20%*
Malaysia	**3,000**	**6,275**	**13,148**	**2,848**	**6,502**	**16,088**
Johor	3,420	6,554	12,304	3,222	6,739	14,719
Kedah	2,154	4,412	9,602	2,089	4,608	11,469
Kelantan	1,869	3,667	8,427	1,815	3,841	9,761
Melaka	3,458	6,572	12,077	3,328	6,723	14,149
Negeri Sembilan	2,658	5,409	10,857	2,569	5,572	13,160
Pahang	2,722	4,648	9,049	2,589	4,791	10,302
Pulau Pinang	3,286	6,382	12,268	3,157	6,523	14,497
Perak	2,366	4,678	9,540	2,313	4,864	10,974
Perlis	2,572	4,751	9,017	2,512	4,899	10,178
Selangor	4,395	8,585	17,410	4,307	8,790	21,125
Terengganu	3,135	5,443	10,692	2,904	5,643	11,798
Sabah	2,169	4,843	10,886	2,135	5,037	12,429
Sarawak	2,275	4,986	10,688	2,252	5,151	12,133
W.P. Kuala Lumpur	5,344	10,564	20,201	5,257	10,823	26,306
W.P. Labuan	3,654	7,217	15,238	3,529	7,329	19,189
W.P. Putrajaya	5,960	9,492	21,994	5,626	9,921	26,823

Nota/*Note* :
Mengikut had bagi negeri masing-masing, rujuk nota teknikal mukasurat 174
Refer to thresholds for each state, refer technical note page 197

Jadual 2.4: Agihan pendapatan mengikut kumpulan isi rumah dan negeri, Malaysia, 2016
Table   2.4: Income share by household group and state, Malaysia,2016

Negeri *State*	Jumlah *Total*	Terendah 40% *Bottom 40%*	Pertengahan 40% *Middle 40%*	Tertinggi 20% *Top 20%*
Malaysia	**100.0**	**16.4**	**37.4**	**46.2**
Johor	100.0	18.6	38.9	42.5
Kedah	100.0	16.8	37.1	46.1
Kelantan	100.0	17.2	36.5	46.3
Melaka	100.0	19.4	39.3	41.3
Negeri Sembilan	100.0	17.5	37.8	44.7
Pahang	100.0	20.7	38.2	41.1
Pulau Pinang	100.0	18.7	38.5	42.8
Perak	100.0	18.3	38.4	43.3
Perlis	100.0	20.1	39.2	40.7
Selangor	100.0	18.2	37.2	44.6
Terengganu	100.0	20.1	39.1	40.8
Sabah	100.0	16.0	37.6	46.4
Sarawak	100.0	16.7	38.2	45.0
W.P. Kuala Lumpur	100.0	18.0	37.0	45.0
W.P. Labuan	100.0	17.3	35.8	46.9
W.P. Putrajaya	100.0	19.6	34.3	46.1

Nota/*Note* **:**
Mengikut had bagi negeri masing-masing, rujuk nota teknikal mukasurat 174
Refer to thresholds for each state, refer technical note page 197

3 STATISTIK INSIDEN KEMISKINAN
Statistics on Incidence of Poverty
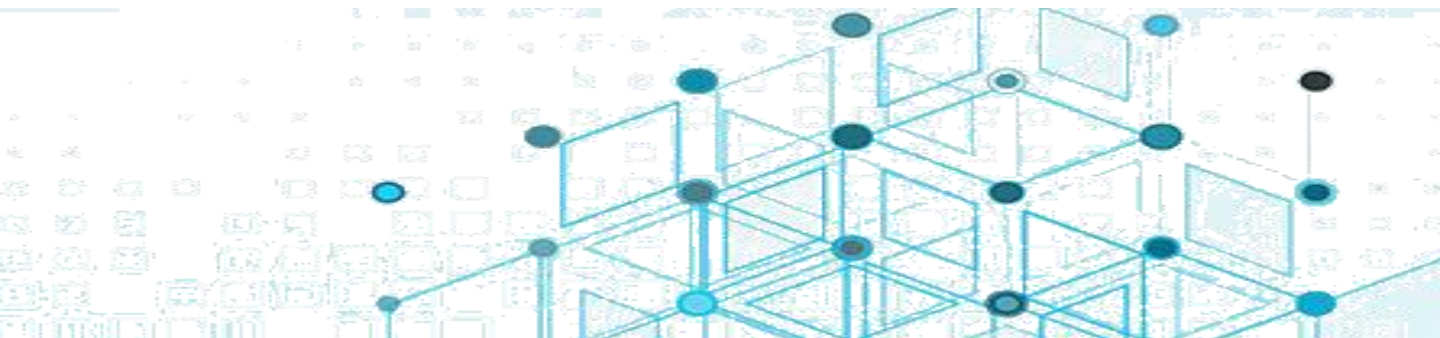
Jadual 3.1: Insiden kemiskinan mengikut kumpulan etnik ketua isi rumah dan strata, Malaysia, 2014 dan 2016
Table   3.1: Incidence of poverty by ethnic group of head of household and strata, Malaysia, 2014 and 2016

(%)

Kumpulan etnik *Ethnic group*	2014			2016		
	Jumlah *Total*	Bandar *Urban*	Luar Bandar *Rural*	Jumlah *Total*	Bandar *Urban*	Luar Bandar *Rural*
Jumlah/*Total*	**0.6**	**0.3**	**1.6**	**0.4**	**0.2**	**1.0**
Bumiputera	0.8	0.4	1.8	0.5	0.2	1.1
Cina/*Chinese*	0.1	0.1	0.5	0.1	0.1	0.2
India/*Indians*	0.6	0.5	1.6	0.1	0.1	0.3
Lain-lain/*Others*	0.9	0.9	1.0	1.5	0.7	0.9

Jadual 3.2: Insiden kemiskinan mengikut negeri dan strata, Malaysia, 2014 dan 2016
Table   3.2: Incidence of poverty by state and strata, Malaysia, 2014 and 2016

(%)

Negeri *State*	2014			2016		
	Jumlah *Total*	Bandar *Urban*	Luar Bandar *Rural*	Jumlah *Total*	Bandar *Urban*	Luar Bandar *Rural*
Malaysia	**0.6**	**0.3**	**1.6**	**0.4**	**0.2**	**1.0**
Johor	0.0	0.0	0.0	0.0	0.0	0.0
Kedah	0.3	0.3	0.2	0.2	0.1	0.2
Kelantan	0.9	0.8	1.0	0.4	0.3	0.6
Melaka	0.1	0.1	0.0	0.0	0.0	0.0
Negeri Sembilan	0.4	0.1	0.8	0.2	0.0	0.8
Pahang	0.7	0.2	1.2	0.2	0.1	0.3
Pulau Pinang	0.3	0.3	0.2	0.1	0.1	0.0
Perak	0.7	0.5	1.5	0.2	0.1	0.5
Perlis	0.2	0.2	0.2	0.1	0.1	0.1
Selangor	0.2	0.2	0.6	0.0	0.0	0.0
Terengganu	0.6	0.4	1.0	0.4	0.4	0.5
Sabah	4.0	1.9	7.4	2.9	1.6	5.3
Sarawak	0.9	0.5	1.6	0.6	0.3	1.1
W.P. Kuala Lumpur	0.1	0.1	n.a	0.0	0.0	n.a
W.P. Labuan	1.1	1.0	2.3	0.0	0.0	0.0
W.P. Putrajaya	0.0	0.0	n.a	0.0	0.0	n.a

Jadual 3.3: Insiden kemiskinan mengikut kumpulan etnik dan jantina ketua isi rumah, Malaysia, 2014 dan 2016
Table 3.3: Incidence of poverty by ethnic group and sex of head of household, Malaysia, 2014 and 2016

(%)

Kumpulan etnik *Ethnic group*	2014				2016		
	Jumlah *Total*	Lelaki *Male*	Perempuan *Female*		Jumlah *Total*	Lelaki *Male*	Perempuan *Female*
Jumlah/*Total*	**0.6**	**0.6**	**0.8**		**0.4**	**0.3**	**0.4**
Bumiputera	0.8	0.8	0.9		0.5	0.5	0.5
Cina/*Chinese*	0.1	0.1	0.2		0.1	0.1	0.1
India/*Indians*	0.6	0.5	0.9		0.1	0.1	0.3
Lain-lain/*Others*	0.9	0.8	1.2		1.5	1.2	2.4

Jadual 3.4: Insiden kemiskinan mengikut kumpulan umur ketua isi rumah, Malaysia, 2014 dan 2016
Table 3.4: Incidence of poverty by age group of head of household, Malaysia, 2014 and 2016

(%)

Kumpulan umur *Age group*	2014	2016
Jumlah/*Total*	**0.6**	**0.4**
15 – 24	0.6	0.5
25 – 29	0.3	0.1
30 – 34	0.4	0.2
35 – 39	0.7	0.5
40 – 44	0.9	0.5
45 – 64	0.7	0.4
65 dan lebih *65 and over*	0.4	0.2

Jadual 3.5: Insiden kemiskinan mengikut saiz isi rumah, Malaysia, 2014 dan 2016
Table 3.5: Incidence of poverty by household size, Malaysia, 2014 and 2016

(%)

Saiz isi rumah *Household size*	2014	2016
Jumlah/*Total*	**0.6**	**0.4**
Satu/*One*	0.1	0.0
Dua/*Two*	0.1	0.0
Tiga/*Three*	0.2	0.1
Empat/*Four*	0.2	0.1
Lima dan ke atas/*Five and above*	1.3	0.8

4 STATISTIK KEMUDAHAN ASAS (AM)
Statistics on Basic Amenities (General)
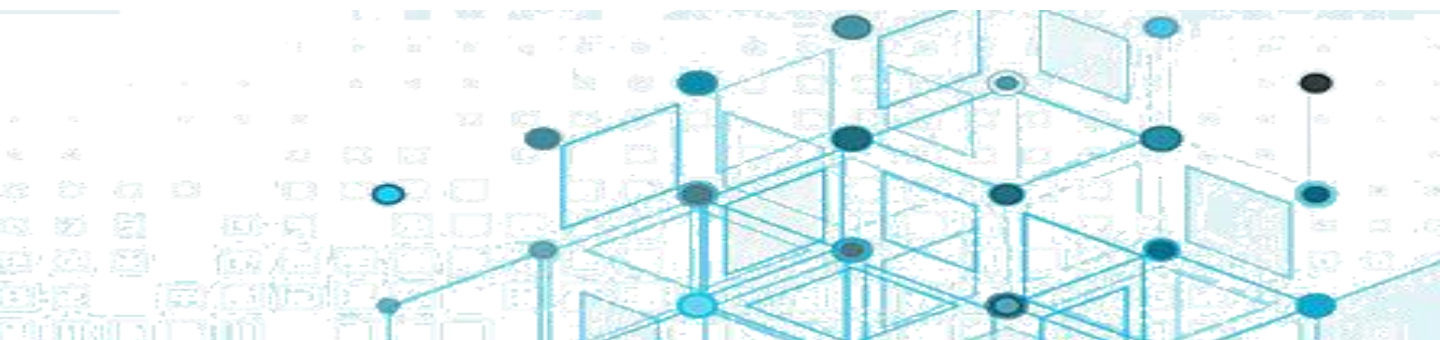
Jadual 4.1: Peratusan isi rumah mengikut jenis rumah yang didiami, negeri dan strata, Malaysia, 2016
Table 4.1: Percentage of households by type of occupied dwelling, state and strata, Malaysia, 2016

(%)

Negeri State	Dimiliki Owned			Disewa Rented			Kuarters Quarters			Jumlah Total		
	Jumlah Total	Bandar Urban	Luar Bandar Rural	Jumlah Total	Bandar Urban	Luar Bandar Rural	Jumlah Total	Bandar Urban	Luar Bandar Rural	Jumlah Total	Bandar Urban	Luar Bandar Rural
Malaysia	**76.3**	**73.7**	**85.6**	**19.6**	**23.0**	**7.3**	**4.1**	**3.3**	**7.1**	**100.0**	**100.0**	**100.0**
Johor	77.3	74.7	86.4	19.6	22.9	7.8	3.1	2.4	5.8	100.0	100.0	100.0
Kedah	84.6	80.9	93.4	13.8	17.3	5.3	1.6	1.8	1.3	100.0	100.0	100.0
Kelantan	83.9	78.5	89.2	13.3	18.3	8.3	2.8	3.2	2.5	100.0	100.0	100.0
Melaka	81.9	81.4	88.5	16.7	17.2	10.0	1.4	1.4	1.5	100.0	100.0	100.0
Negeri Sembilan	80.1	78.1	85.5	16.8	19.6	9.3	3.1	2.3	5.2	100.0	100.0	100.0
Pahang	76.6	73.7	81.1	17.0	21.6	10.2	6.4	4.7	8.7	100.0	100.0	100.0
Pulau Pinang	79.0	78.7	85.9	18.7	19.0	13.9	2.3	2.3	0.2	100.0	100.0	100.0
Perak	82.4	81.9	84.3	14.9	16.2	10.4	2.7	1.9	5.3	100.0	100.0	100.0
Perlis	86.1	83.5	90.6	8.9	12.8	2.4	5.0	3.7	7.0	100.0	100.0	100.0
Selangor	70.2	69.6	80.1	28.3	29.1	16.8	1.5	1.3	3.1	100.0	100.0	100.0
Terengganu	85.8	83.3	90.7	11.4	14.1	6.4	2.8	2.6	2.9	100.0	100.0	100.0
Sabah	71.6	67.2	79.4	17.8	26.5	2.6	10.6	6.3	18.0	100.0	100.0	100.0
Sarawak	81.0	77.8	85.6	10.2	15.0	3.2	8.8	7.2	11.2	100.0	100.0	100.0
W.P. Kuala Lumpur	62.2	62.2	n.a	33.8	33.8	n.a	4.0	4.0	n.a	100.0	100.0	n.a.
W.P. Labuan	64.5	62.8	79.2	25.3	26.5	15.0	10.2	10.7	5.8	100.0	100.0	100.0
W.P. Putrajaya	9.7	9.7	n.a	2.9	2.9	n.a	87.4	87.4	n.a	100.0	100.0	n.a.

Jadual 4.2: Peratusan isi rumah mengikut keadaan fizikal rumah yang diduduki, negeri dan strata, Malaysia, 2016
Table   4.2: Percentage of households by physical condition of occupied housing unit, state and strata, Malaysia, 2016

(%)

Negeri *State*	Kukuh *Stable*				Mulai buruk/Buruk *Deteriorating/Dilapidated*				Jumlah *Total*		
	Jumlah *Total*	Bandar *Urban*	Luar Bandar *Rural*		Jumlah *Total*	Bandar *Urban*	Luar Bandar *Rural*		Jumlah *Total*	Bandar *Urban*	Luar Bandar *Rural*
Malaysia	**97.1**	**98.1**	**93.7**		**2.9**	**1.9**	**6.3**		**100.0**	**100.0**	**100.0**
Johor	98.3	98.6	97.3		1.7	1.4	2.7		100.0	100.0	100.0
Kedah	99.4	99.5	99.1		0.6	0.5	0.9		100.0	100.0	100.0
Kelantan	89.0	91.7	86.3		11.0	8.3	13.7		100.0	100.0	100.0
Melaka	98.5	98.5	98.0		1.5	1.5	2.0		100.0	100.0	100.0
Negeri Sembilan	99.4	99.6	98.7		0.6	0.4	1.3		100.0	100.0	100.0
Pahang	97.5	99.0	95.3		2.5	1.0	4.7		100.0	100.0	100.0
Pulau Pinang	98.8	98.8	97.4		1.2	1.2	2.6		100.0	100.0	100.0
Perak	97.3	98.1	94.6		2.7	1.9	5.4		100.0	100.0	100.0
Perlis	98.3	98.5	98.0		1.7	1.5	2.0		100.0	100.0	100.0
Selangor	98.6	98.8	96.6		1.4	1.2	3.4		100.0	100.0	100.0
Terengganu	97.4	97.8	96.6		2.6	2.2	3.4		100.0	100.0	100.0
Sabah	89.0	92.3	83.4		11.0	7.7	16.6		100.0	100.0	100.0
Sarawak	95.6	96.4	94.5		4.4	3.6	5.5		100.0	100.0	100.0
W.P. Kuala Lumpur	99.7	99.7	n.a		0.3	0.3	n.a		100.0	100.0	n.a
W.P. Labuan	92.7	92.8	91.7		7.3	7.2	8.3		100.0	100.0	100.0
W.P. Putrajaya	100.0	100.0	n.a		0.0	0.0	n.a		100.0	100.0	n.a

Jadual 4.3: Peratusan isi rumah mengikut jenis bahan binaan dinding luar rumah, negeri dan strata, Malaysia, 2016
Table   4.3: Percentage of households by type of outer wall building materials, state and strata, Malaysia, 2016

(%)

Negeri *State*	Batu *Brick*			Batu dan papan *Brick and plank*			Papan *Plank*			Jumlah *Total*		
	Jumlah *Total*	Bandar *Urban*	Luar Bandar *Rural*	Jumlah *Total*	Bandar *Urban*	Luar Bandar *Rural*	Jumlah *Total*	Bandar *Urban*	Luar Bandar *Rural*	Jumlah *Total*	Bandar *Urban*	Luar Bandar *Rural*
Malaysia	**82.9**	**90.4**	**55.4**	**12.0**	**7.0**	**30.0**	**5.1**	**2.6**	**14.6**	**100.0**	**100.0**	**100.0**
Johor	89.0	93.8	72.2	10.1	5.6	25.8	0.9	0.6	2.0	100.0	100.0	100.0
Kedah	80.7	88.6	61.8	18.5	10.8	37.0	0.8	0.6	1.2	100.0	100.0	100.0
Kelantan	57.7	64.8	50.6	31.3	25.2	37.4	11.0	10.0	12.0	100.0	100.0	100.0
Melaka	89.8	90.8	76.1	9.5	8.6	21.8	0.7	0.6	2.1	100.0	100.0	100.0
Negeri Sembilan	90.5	98.0	70.6	8.8	1.9	27.2	0.7	0.1	2.2	100.0	100.0	100.0
Pahang	78.2	87.0	65.3	17.3	9.8	28.4	4.5	3.2	6.3	100.0	100.0	100.0
Pulau Pinang	91.8	93.2	65.8	7.9	6.6	32.0	0.3	0.2	2.2	100.0	100.0	100.0
Perak	83.2	90.9	56.2	15.6	8.4	40.8	1.2	0.7	3.0	100.0	100.0	100.0
Perlis	80.6	84.7	73.7	16.5	11.9	24.2	2.9	3.4	2.1	100.0	100.0	100.0
Selangor	96.2	97.8	71.7	3.5	2.0	26.0	0.3	0.2	2.3	100.0	100.0	100.0
Terengganu	54.0	59.1	44.3	38.7	35.3	45.2	7.3	5.6	10.5	100.0	100.0	100.0
Sabah	54.6	67.3	32.4	17.4	12.3	26.1	28.0	20.4	41.5	100.0	100.0	100.0
Sarawak	68.0	85.2	42.9	12.3	7.3	19.6	19.7	7.5	37.5	100.0	100.0	100.0
W.P. Kuala Lumpur	99.2	99.2	n.a	0.8	0.8	n.a	0.0	0.0	n.a	100.0	100.0	n.a
W.P. Labuan	70.4	72.2	55.8	16.4	14.7	30.8	13.2	13.2	13.3	100.0	100.1	99.9
W.P. Putrajaya	100.0	100.0	n.a	0.0	0.0	n.a	0.0	0.0	n.a	100.0	100.0	n.a

Jadual 4.4: Peratusan isi rumah mengikut jenis bekalan air, negeri dan strata, Malaysia, 2016
Table 4.4: Percentage of households by type of water supply, state and strata, Malaysia, 2016

(%)

Negeri	Air paip di rumah			Air paip awam			Lain-lain			Jumlah		
State	Piped water in the house			Public water stand pipe			Others			Total		
	Jumlah	Bandar	Luar Bandar	Jumlah	Bandar	Luar Bandar	Jumlah	Bandar	Luar Bandar	Jumlah	Bandar	Luar Bandar
	Total	Urban	Rural	Total	Urban	Rural	Total	Urban	Rural	Total	Urban	Rural
Malaysia	**95.5**	**98.8**	**83.4**	**0.4**	**0.3**	**1.1**	**4.1**	**0.9**	**15.5**	**100.0**	**100.0**	**100.0**
Johor	99.9	100.0	99.6	0.0	0.0	0.1	0.1	0.0	0.3	100.0	100.0	100.0
Kedah	98.7	99.4	97.2	0.0	0.0	0.0	1.3	0.6	2.8	100.0	100.0	100.0
Kelantan	65.4	77.3	53.6	1.9	1.8	2.1	32.7	20.9	44.3	100.0	100.0	100.0
Melaka	100.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	100.0	100.0
Negeri Sembilan	99.9	100.0	99.6	0.1	0.0	0.3	0.0	0.1	0.1	100.0	100.0	100.0
Pahang	97.8	99.3	95.6	1.2	0.6	2.0	1.0	0.1	2.4	100.0	100.0	100.0
Pulau Pinang	99.9	99.9	99.8	0.1	0.1	0.0	0.0	0.0	0.2	100.0	100.0	100.0
Perak	99.4	99.8	97.8	0.1	0.1	0.1	0.5	0.1	2.1	100.0	100.0	100.0
Perlis	99.6	99.8	99.3	0.3	0.1	0.5	0.1	0.1	0.2	100.0	100.0	100.0
Selangor	100.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	100.0	100.0
Terengganu	96.0	96.3	95.3	1.4	1.8	0.8	2.6	1.9	3.9	100.0	100.0	100.0
Sabah	83.4	96.0	61.6	1.7	1.4	2.1	14.9	2.6	36.3	100.0	100.0	100.0
Sarawak	86.0	99.4	66.4	0.9	0.3	1.8	13.1	0.3	31.8	100.0	100.0	100.0
W.P. Kuala Lumpur	100.0	100.0	n.a	0.0	0.0	n.a	0.0	0.0	n.a	100.0	100.0	n.a
W.P. Labuan	98.5	98.8	96.7	1.0	0.7	3.3	0.5	0.5	0.0	100.0	100.0	100.0
W.P. Putrajaya	100.0	100.0	n.a	0.0	0.0	n.a	0.0	0.0	n.a	100.0	100.0	n.a

Jadual 4.5: Peratusan isi rumah mengikut kemudahan bekalan elektrik, negeri dan strata, Malaysia, 2016
Table 4.5: Percentage of households by accessibility to electricity supply, state and strata, Malaysia, 2016

(%)

Negeri *State*	Kemudahan bekalan elektrik *Accessible to electricity*			Tiada bekalan elektrik *No electricity*			Jumlah *Total*		
	Jumlah *Total*	Bandar *Urban*	Luar Bandar *Rural*	Jumlah *Total*	Bandar *Urban*	Luar Bandar *Rural*	Jumlah *Total*	Bandar *Urban*	Luar Bandar *Rural*
Malaysia	**99.9**	**100.0**	**99.7**	**0.1**	**0.0**	**0.3**	**100.0**	**100.0**	**100.0**
Johor	100.0	100.0	99.9	0.0	0.0	0.1	100.0	100.0	100.0
Kedah	100.0	100.0	100.0	0.0	0.0	0.0	100.0	100.0	100.0
Kelantan	100.0	100.0	99.9	0.0	0.0	0.1	100.0	100.0	100.0
Melaka	100.0	100.0	100.0	0.0	0.0	0.0	100.0	100.0	100.0
Negeri Sembilan	100.0	100.0	99.9	0.0	0.0	0.1	100.0	100.0	100.0
Pahang	100.0	100.0	100.0	0.0	0.0	0.0	100.0	100.0	100.0
Pulau Pinang	100.0	100.0	100.0	0.0	0.0	0.0	100.0	100.0	100.0
Perak	100.0	100.0	99.9	0.0	0.0	0.1	100.0	100.0	100.0
Perlis	100.0	100.0	100.0	0.0	0.0	0.0	100.0	100.0	100.0
Selangor	100.0	100.0	100.0	0.0	0.0	0.0	100.0	100.0	100.0
Terengganu	100.0	100.0	100.0	0.0	0.0	0.0	100.0	100.0	100.0
Sabah	99.5	100.0	98.7	0.5	0.0	1.3	100.0	100.0	100.0
Sarawak	99.6	99.9	99.3	0.4	0.1	0.7	100.0	100.0	100.0
W.P. Kuala Lumpur	100.0	100.0	n.a	0.0	0.0	n.a	100.0	100.0	n.a
W.P. Labuan	100.0	100.0	100.0	0.0	0.0	0.0	100.0	100.0	100.0
W.P. Putrajaya	100.0	100.0	n.a	0.0	0.0	n.a	100.0	100.0	n.a

Jadual 4.6: Peratusan isi rumah mengikut jarak terdekat dari tempat kediaman ke pusat kesihatan awam dan swasta, negeri dan strata, Malaysia, 2016
Table 4.6: Percentage of households by distance from living quarters to the nearest public and private health centres, state and strata, Malaysia, 2016

(%)

| Negeri
State | Jumlah/Total | | | | | | | |
| | Pusat kesihatan awam
Public health centres | | | | Pusat kesihatan swasta
Private health centres | | | |
	Jumlah Total	Kurang dari 5 km Less than 5 km	5−9 km	Lebih dari 9 km More than 9 km	Jumlah Total	Kurang dari 5 km Less than 5 km	5−9 km	Lebih dari 9 km More than 9 km
Malaysia	**100.0**	**86.2**	**7.3**	**6.5**	**100.0**	**83.0**	**6.5**	**10.5**
Johor	100.0	88.6	7.1	4.3	100.0	88.3	5.7	6.0
Kedah	100.0	95.7	3.5	0.8	100.0	84.7	7.8	7.5
Kelantan	100.0	93.4	3.6	3.0	100.0	79.2	7.7	13.1
Melaka	100.0	99.4	0.5	0.1	100.0	98.2	1.5	0.3
Negeri Sembilan	100.0	88.7	6.2	5.1	100.0	84.5	7.6	7.9
Pahang	100.0	90.6	5.2	4.2	100.0	69.6	8.5	21.9
Pulau Pinang	100.0	96.7	2.9	0.4	100.0	96.7	2.7	0.6
Perak	100.0	91.3	6.8	1.9	100.0	82.8	8.4	8.8
Perlis	100.0	98.7	1.3	0.0	100.0	91.6	6.8	1.6
Selangor	100.0	78.0	12.6	9.4	100.0	90.0	5.7	4.3
Terengganu	100.0	97.4	2.4	0.2	100.0	81.4	6.9	11.7
Sabah	100.0	74.0	11.0	15.0	100.0	64.3	10.3	25.4
Sarawak	100.0	65.1	12.1	22.8	100.0	53.0	9.2	37.8
W.P. Kuala Lumpur	100.0	99.8	0.2	0.0	100.0	99.8	0.2	0.0
W.P. Labuan	100.0	95.9	3.9	0.2	100.0	38.7	33.8	27.5
W.P. Putrajaya	100.0	100.0	0.0	0.0	100.0	100.0	0.0	0.0

Jadual 4.6: Peratusan isi rumah mengikut jarak terdekat dari tempat kediaman ke pusat kesihatan awam dan swasta, negeri dan strata, Malaysia, 2016 (samb.)

Table 4.6: Percentage of households by distance from living quarters to the nearest public and private health centres, state and strata, Malaysia, 2016 (cont'd)

(%)

	Bandar/*Urban*								
	Pusat kesihatan awam *Public health centres*					Pusat kesihatan swasta *Private health centres*			
Negeri *State*	Jumlah *Total*	Kurang dari 5 km *Less than 5 km*	5−9 km	Lebih dari 9 km *More than 9 km*		Jumlah *Total*	Kurang dari 5 km *Less than 5 km*	5−9 km	Lebih dari 9 km *More than 9 km*
Malaysia	**100.0**	**88.7**	**7.0**	**4.3**		**100.0**	**92.4**	**4.7**	**2.9**
Johor	100.0	88.7	7.0	4.3		100.0	93.9	3.5	2.6
Kedah	100.0	96.2	2.9	0.9		100.0	95.7	3.3	1.0
Kelantan	100.0	97.9	1.3	0.8		100.0	94.9	2.8	2.3
Melaka	100.0	99.3	0.6	0.1		100.0	98.6	1.3	0.1
Negeri Sembilan	100.0	89.4	5.3	5.3		100.0	92.8	4.5	2.7
Pahang	100.0	95.1	4.1	0.8		100.0	91.7	5.7	2.6
Pulau Pinang	100.0	96.6	3.0	0.4		100.0	97.1	2.3	0.6
Perak	100.0	92.5	6.4	1.1		100.0	91.8	6.1	2.1
Perlis	100.0	98.8	1.2	0.0		100.0	99.8	0.2	0.0
Selangor	100.0	77.8	12.6	9.6		100.0	91.5	4.7	3.8
Terengganu	100.0	98.3	1.7	0.0		100.0	94.0	5.2	0.8
Sabah	100.0	86.8	8.5	4.7		100.0	84.9	9.3	5.8
Sarawak	100.0	78.7	12.8	8.5		100.0	79.5	11.7	8.8
W.P. Kuala Lumpur	100.0	99.8	0.2	0.0		100.0	99.8	0.2	0.0
W.P. Labuan	100.0	95.8	4.0	0.2		100.0	41.2	36.8	22.0
W.P. Putrajaya	100.0	100.0	0.0	0.0		100.0	100.0	0.0	0.0

Jadual 4.6: Peratusan isi rumah mengikut jarak terdekat dari tempat kediaman ke pusat kesihatan awam dan swasta, negeri dan strata, Malaysia, 2016 (samb.)

Table 4.6: Percentage of households by distance from living quarters to the nearest public and private health centres, state and strata, Malaysia, 2016 (cont'd)

(%)

Negeri State	Luar bandar/*Rural*							
	Pusat kesihatan awam *Public health centres*				Pusat kesihatan swasta *Private health centres*			
	Jumlah Total	Kurang dari 5 km Less than 5 km	5−9 km	Lebih dari 9 km More than 9 km	Jumlah Total	Kurang dari 5 km Less than 5 km	5−9 km	Lebih dari 9 km More than 9 km
Malaysia	**100.0**	**77.3**	**8.5**	**14.2**	**100.0**	**48.6**	**13.0**	**38.4**
Johor	100.0	88.2	7.5	4.3	100.0	68.7	13.6	17.7
Kedah	100.0	94.4	4.9	0.7	100.0	58.4	18.8	22.8
Kelantan	100.0	88.9	6.0	5.1	100.0	63.5	12.7	23.8
Melaka	100.0	100.0	0.0	0.0	100.0	91.2	4.9	3.9
Negeri Sembilan	100.0	87.1	8.3	4.6	100.0	62.1	16.2	21.7
Pahang	100.0	84.0	6.8	9.2	100.0	37.0	12.6	50.4
Pulau Pinang	100.0	98.1	1.9	0.0	100.0	89.3	10.2	0.5
Perak	100.0	87.1	8.2	4.7	100.0	51.3	16.6	32.1
Perlis	100.0	98.4	1.5	0.1	100.0	77.8	17.8	4.4
Selangor	100.0	81.9	12.1	6.0	100.0	67.8	21.5	10.7
Terengganu	100.0	95.8	3.8	0.4	100.0	57.3	10.2	32.5
Sabah	100.0	51.8	15.4	32.8	100.0	28.6	12.1	59.3
Sarawak	100.0	45.4	11.0	43.6	100.0	14.4	5.6	80.0
W.P. Kuala Lumpur	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
W.P. Labuan	100.0	97.5	2.5	0.0	100.0	18.3	9.2	72.5
W.P. Putrajaya	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a

Jadual 4.7: Peratusan isi rumah mengikut jarak terdekat dari tempat kediaman ke sekolah rendah dan sekolah menengah kerajaan, negeri dan strata, Malaysia, 2016
Table 4.7: Percentage of households by distance from living quarters to the nearest government primary and secondary schools, state and strata, Malaysia, 2016

(%)

Negeri State	Jumlah/Total					Sekolah menengah kerajaan Government secondary schools			
	Sekolah rendah kerajaan Government primary schools								
	Jumlah Total	Kurang dari 5 km Less than 5 km	5−9 km	Lebih dari 9 km More than 9 km		Jumlah Total	Kurang dari 5 km Less than 5 km	5−9 km	Lebih dari 9 km More than 9 km
Malaysia	**100.0**	**96.6**	**2.1**	**1.3**		**100.0**	**89.2**	**5.5**	**5.3**
Johor	100.0	96.3	2.8	0.9		100.0	91.5	5.6	2.9
Kedah	100.0	99.0	1.0	0.0		100.0	92.2	5.9	1.9
Kelantan	100.0	97.7	1.5	0.8		100.0	90.0	5.1	4.9
Melaka	100.0	99.9	0.1	0.0		100.0	99.0	0.8	0.2
Negeri Sembilan	100.0	97.5	2.3	0.2		100.0	91.1	5.1	3.8
Pahang	100.0	95.6	2.5	1.9		100.0	84.2	7.7	8.1
Pulau Pinang	100.0	99.2	0.8	0.0		100.0	97.8	1.7	0.5
Perak	100.0	97.9	1.9	0.2		100.0	89.5	7.3	3.2
Perlis	100.0	99.9	0.1	0.0		100.0	96.1	3.6	0.3
Selangor	100.0	96.2	2.7	1.1		100.0	91.5	6.0	2.5
Terengganu	100.0	99.3	0.7	0.0		100.0	94.6	3.7	1.7
Sabah	100.0	93.1	3.4	3.5		100.0	74.3	9.8	15.9
Sarawak	100.0	90.2	4.2	5.6		100.0	69.6	7.6	22.8
W.P. Kuala Lumpur	100.0	100.0	0.0	0.0		100.0	100.0	0.0	0.0
W.P. Labuan	100.0	99.2	0.6	0.2		100.0	94.2	5.3	0.5
W.P. Putrajaya	100.0	100.0	0.0	0.0		100.0	100.0	0.0	0.0

Jadual 4.7: Peratusan isi rumah mengikut jarak terdekat dari tempat kediaman ke sekolah rendah dan sekolah menengah kerajaan, negeri dan strata, Malaysia, 2016 (samb.)
Table 4.7: Percentage of households by distance from living quarters to the nearest government primary and secondary schools, state and strata, Malaysia, 2016 (cont'd)

(%)

Negeri State	Bandar/*Urban*							
	Sekolah rendah kerajaan *Government primary schools*					Sekolah menengah kerajaan *Government secondary schools*		
	Jumlah *Total*	Kurang dari 5 km *Less than 5 km*	5−9 km	Lebih dari 9 km *More than 9 km*		Jumlah *Total*	Kurang dari 5 km *Less than 5 km*	5−9 km	Lebih dari 9 km *More than 9 km*
Malaysia	**100.0**	**97.7**	**1.7**	**0.6**		**100.0**	**94.8**	**3.7**	**1.5**
Johor	100.0	97.0	2.4	0.6		100.0	95.0	3.4	1.6
Kedah	100.0	99.5	0.4	0.1		100.0	97.3	2.5	0.2
Kelantan	100.0	99.0	0.5	0.5		100.0	97.8	1.1	1.1
Melaka	100.0	100.0	0.0	0.0		100.0	99.4	0.5	0.1
Negeri Sembilan	100.0	98.1	1.9	0.0		100.0	95.6	3.2	1.2
Pahang	100.0	97.3	2.7	0.0		100.0	94.6	4.6	0.8
Pulau Pinang	100.0	99.2	0.8	0.0		100.0	98.0	1.5	0.5
Perak	100.0	98.7	1.2	0.1		100.0	93.8	4.9	1.3
Perlis	100.0	100.0	0.0	0.0		100.0	100.0	0.0	0.0
Selangor	100.0	96.3	2.6	1.1		100.0	92.1	5.6	2.3
Terengganu	100.0	99.5	0.4	0.1		100.0	98.2	1.4	0.4
Sabah	100.0	96.3	2.4	1.3		100.0	90.2	6.3	3.5
Sarawak	100.0	95.3	3.5	1.2		100.0	91.0	5.5	3.5
W.P. Kuala Lumpur	100.0	100.0	0.0	0.0		100.0	100.0	0.0	0.0
W.P. Labuan	100.0	99.1	0.7	0.2		100.0	94.6	4.8	0.6
W.P. Putrajaya	100.0	100.0	0.0	0.0		100.0	100.0	0.0	0.0

Jadual 4.7: Peratusan isi rumah mengikut jarak terdekat dari tempat kediaman ke sekolah rendah dan sekolah menengah kerajaan, negeri dan strata, Malaysia, 2016 (samb.)
Table 4.7: Percentage of households by distance from living quarters to the nearest government primary and secondary schools, state and strata, Malaysia, 2016 (cont'd)

(%)

Negeri State	Luar bandar/*Rural*							
	Sekolah rendah kerajaan *Government primary schools*					Sekolah menengah kerajaan *Government secondary schools*		
	Jumlah Total	Kurang dari 5 km Less than 5 km	5−9 km	Lebih dari 9 km More than 9 km		Jumlah Total	Kurang dari 5 km Less than 5 km	5−9 km	Lebih dari 9 km More than 9 km
Malaysia	**100.0**	**92.6**	**3.6**	**3.8**		**100.0**	**68.8**	**12.2**	**19.0**
Johor	100.0	94.0	4.1	1.9		100.0	79.1	13.7	7.2
Kedah	100.0	97.6	2.3	0.1		100.0	80.0	14.1	5.9
Kelantan	100.0	96.4	2.5	1.1		100.0	82.1	9.1	8.8
Melaka	100.0	98.9	1.1	0.0		100.0	93.1	5.5	1.4
Negeri Sembilan	100.0	95.9	3.4	0.7		100.0	78.8	10.3	10.9
Pahang	100.0	93.0	2.1	4.9		100.0	68.9	12.3	18.8
Pulau Pinang	100.0	99.8	0.2	0.0		100.0	94.0	5.8	0.2
Perak	100.0	94.9	4.3	0.8		100.0	74.4	15.8	9.8
Perlis	100.0	99.8	0.2	0.0		100.0	89.6	9.7	0.7
Selangor	100.0	94.3	5.4	0.3		100.0	83.4	11.2	5.4
Terengganu	100.0	98.9	1.1	0.0		100.0	87.5	8.1	4.4
Sabah	100.0	87.5	5.0	7.5		100.0	46.8	15.8	37.4
Sarawak	100.0	82.7	5.3	12.0		100.0	38.3	10.8	50.9
W.P. Kuala Lumpur	n.a	n.a	n.a	n.a		n.a	n.a	n.a	n.a
W.P. Labuan	100.0	100.0	0.0	0.0		100.0	90.8	9.2	0.0
W.P. Putrajaya	n.a	n.a	n.a	n.a		n.a	n.a	n.a	n.a

Jadual 4.8: Peratusan isi rumah mengikut jarak terdekat dari tempat kediaman ke tadika awam dan swasta, negeri dan strata, Malaysia, 2016
Table   4.8: Percentage of households by distance from living quarters to the nearest public and private kindergarten, state and strata, Malaysia, 2016

(%)

| Negeri
State | Jumlah/Total | | | | | Tadika swasta
Private kindergarten | | | |
| | Tadika awam
Public kindergarten | | | | | | | | |
	Jumlah Total	Kurang dari 5 km Less than 5 km	5−9 km	Lebih dari 9 km More than 9 km		Jumlah Total	Kurang dari 5 km Less than 5 km	5−9 km	Lebih dari 9 km More than 9 km
Malaysia	**100.0**	**96.4**	**2.1**	**1.5**		**100.0**	**90.1**	**3.4**	**6.5**
Johor	100.0	95.1	3.8	1.1		100.0	93.9	3.4	2.7
Kedah	100.0	99.2	0.8	0.0		100.0	92.5	4.6	2.9
Kelantan	100.0	98.7	0.8	0.5		100.0	88.5	4.4	7.1
Melaka	100.0	99.9	0.1	0.0		100.0	99.6	0.3	0.1
Negeri Sembilan	100.0	96.2	2.0	1.8		100.0	92.0	2.1	5.9
Pahang	100.0	96.7	1.5	1.8		100.0	82.7	4.3	13.0
Pulau Pinang	100.0	98.8	0.9	0.3		100.0	99.0	0.8	0.2
Perak	100.0	96.6	2.6	0.8		100.0	91.8	4.1	4.1
Perlis	100.0	99.9	0.1	0.0		100.0	95.7	4.0	0.3
Selangor	100.0	96.5	2.3	1.2		100.0	96.9	1.9	1.2
Terengganu	100.0	99.7	0.3	0.0		100.0	94.1	2.9	3.0
Sabah	100.0	92.6	3.5	3.9		100.0	74.3	7.9	17.8
Sarawak	100.0	90.1	3.8	6.1		100.0	62.4	6.1	31.5
W.P. Kuala Lumpur	100.0	99.8	0.2	0.0		100.0	100.0	0.0	0.0
W.P. Labuan	100.0	98.2	1.6	0.2		100.0	51.6	23.6	24.8
W.P. Putrajaya	100.0	100.0	0.0	0.0		100.0	100.0	0.0	0.0

Jadual 4.8: Peratusan isi rumah mengikut jarak terdekat dari tempat kediaman ke tadika awam dan swasta, negeri dan strata, Malaysia, 2016 (samb.)
Table 4.8: Percentage of households by distance from living quarters to the nearest public and private kindergarten, state and strata, Malaysia, 2016 (cont'd)

(%)

Negeri State	Bandar/*Urban*							
	Tadika awam *Public kindergarten*				Tadika swasta *Private kindergarten*			
	Jumlah Total	Kurang dari 5 km Less than 5 km	5−9 km	Lebih dari 9 km More than 9 km	Jumlah Total	Kurang dari 5 km Less than 5 km	5−9 km	Lebih dari 9 km More than 9 km
Malaysia	**100.0**	**97.4**	**1.7**	**0.9**	**100.0**	**97.3**	**1.7**	**1.0**
Johor	100.0	95.4	3.7	0.9	100.0	98.4	1.6	0.0
Kedah	100.0	99.7	0.3	0.0	100.0	99.0	0.9	0.1
Kelantan	100.0	99.4	0.3	0.3	100.0	97.6	1.4	1.0
Melaka	100.0	100.0	0.0	0.0	100.0	99.9	0.1	0.0
Negeri Sembilan	100.0	96.7	1.7	1.6	100.0	98.8	0.5	0.7
Pahang	100.0	98.5	1.1	0.4	100.0	96.3	1.4	2.3
Pulau Pinang	100.0	98.8	0.9	0.3	100.0	99.2	0.7	0.1
Perak	100.0	97.3	2.1	0.6	100.0	97.2	1.9	0.9
Perlis	100.0	100.0	0.0	0.0	100.0	99.6	0.2	0.2
Selangor	100.0	96.8	1.9	1.3	100.0	97.7	1.4	0.9
Terengganu	100.0	100.0	0.0	0.0	100.0	98.7	1.3	0.0
Sabah	100.0	96.7	2.3	1.0	100.0	92.1	4.9	3.0
Sarawak	100.0	94.2	3.5	2.3	100.0	89.9	5.6	4.5
W.P. Kuala Lumpur	100.0	99.8	0.2	0.0	100.0	100.0	0.0	0.0
W.P. Labuan	100.0	98.1	1.8	0.1	100.0	54.4	25.4	20.2
W.P. Putrajaya	100.0	100.0	0.0	0.0	100.0	100.0	0.0	0.0

(%)

	Luar bandar/*Rural*							
	Tadika awam *Public kindergarten*				Tadika swasta *Private kindergarten*			
Negeri *State*	**Jumlah** *Total*	**Kurang dari 5 km** *Less than 5 km*	**5−9 km**	**Lebih dari 9 km** *More than 9 km*	**Jumlah** *Total*	**Kurang dari 5 km** *Less than 5 km*	**5−9 km**	**Lebih dari 9 km** *More than 9 km*
Malaysia	**100.0**	**92.6**	**3.5**	**3.9**	**100.0**	**64.1**	**9.3**	**26.6**
Johor	100.0	94.0	4.4	1.6	100.0	77.9	9.9	12.2
Kedah	100.0	98.0	1.9	0.1	100.0	77.0	13.3	9.7
Kelantan	100.0	98.1	1.2	0.7	100.0	79.4	7.5	13.1
Melaka	100.0	99.7	0.3	0.0	100.0	95.8	2.8	1.4
Negeri Sembilan	100.0	94.7	2.8	2.5	100.0	73.2	6.5	20.3
Pahang	100.0	93.9	2.1	4.0	100.0	62.6	8.5	28.9
Pulau Pinang	100.0	98.8	1.2	0.0	100.0	95.4	3.1	1.5
Perak	100.0	94.1	4.4	1.5	100.0	73.0	11.9	15.1
Perlis	100.0	99.8	0.1	0.1	100.0	89.2	10.2	0.6
Selangor	100.0	92.1	7.1	0.8	100.0	85.1	9.3	5.6
Terengganu	100.0	99.0	1.0	0.0	100.0	85.4	6.1	8.5
Sabah	100.0	85.4	5.7	8.9	100.0	43.4	13.1	43.5
Sarawak	100.0	84.2	4.3	11.5	100.0	22.3	7.0	70.7
W.P. Kuala Lumpur	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
W.P. Labuan	100.0	99.2	0.0	0.8	100.0	28.3	9.2	62.5
W.P. Putrajaya	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a

Jadual 4.9: Peratusan isi rumah mengikut kemudahan kutipan sampah, negeri dan strata, Malaysia, 2016
Table 4.9: Percentage of households by garbage collection facility, state and strata, Malaysia, 2016

(%)

Negeri	Tempat kediaman			Kawasan *			Tiada			Jumlah		
State	*Living quarters*			*Area*			*None*			*Total*		
	Jumlah	Bandar	Luar Bandar	Jumlah	Bandar	Luar Bandar	Jumlah	Bandar	Luar Bandar	Jumlah	Bandar	Luar Bandar
	Total	*Urban*	*Rural*	*Total*	*Urban*	*Rural*	*Total*	*Urban*	*Rural*	*Total*	*Urban*	*Rural*
Malaysia	**60.4**	**69.2**	**28.3**	**24.6**	**24.7**	**24.5**	**15.0**	**6.1**	**47.2**	**100.0**	**100.0**	**100.0**
Johor	75.5	82.5	50.7	12.9	13.6	10.4	11.6	3.9	38.9	100.0	100.0	100.0
Kedah	52.2	68.6	12.9	18.4	17.0	21.8	29.4	14.4	65.3	100.0	100.0	100.0
Kelantan	12.3	19.0	5.6	35.5	48.8	22.2	52.2	32.2	72.2	100.0	100.0	100.0
Melaka	72.1	73.0	60.0	17.2	17.2	17.0	10.7	9.8	23.0	100.0	100.0	100.0
Negeri Sembilan	85.7	92.5	67.5	7.6	7.1	9.0	6.7	0.4	23.5	100.0	100.0	100.0
Pahang	70.7	82.4	53.5	14.8	12.0	18.9	14.5	5.6	27.6	100.0	100.0	100.0
Pulau Pinang	57.6	59.0	31.6	40.5	39.5	58.3	1.9	1.5	10.1	100.0	100.0	100.0
Perak	68.8	80.8	26.7	13.3	12.2	17.0	17.9	7.0	56.3	100.0	100.0	100.0
Perlis	39.9	52.4	19.2	49.8	42.5	62.0	10.3	5.1	18.8	100.0	100.0	100.0
Selangor	63.1	64.3	45.0	33.6	34.3	22.9	3.3	1.4	32.1	100.0	100.0	100.0
Terengganu	13.2	14.0	11.6	80.8	83.8	75.2	6.0	2.2	13.2	100.0	100.0	100.0
Sabah	30.9	40.6	14.0	18.8	26.3	5.9	50.3	33.1	80.1	100.0	100.0	100.0
Sarawak	53.0	75.7	19.9	30.7	23.6	41.1	16.3	0.7	39.0	100.0	100.0	100.0
W.P. Kuala Lumpur	99.2	99.2	n.a	0.8	0.8	n.a	0.0	0.0	n.a	100.0	100.0	n.a
W.P. Labuan	30.9	31.5	25.8	68.7	68.0	74.2	0.4	0.5	0.0	100.0	100.0	100.0
W.P. Putrajaya	100.0	100.0	n.a	0.0	0.0	n.a	0.0	0.0	n.a	100.0	100.0	n.a

Nota/Note:

* Kutipan sampah di tempat pengumpulan yang jaraknya melebihi 100 meter dari tempat kediaman
Garbage collection in the collection area where the distance ore more than 100 metres away from the living quarters

Jadual 4.10: Peratusan isi rumah mengikut peralatan yang dimiliki, negeri dan strata, Malaysia, 2016
Table 4.10: Percentage of households by items owned, state and strata, Malaysia, 2016

(%)

Negeri State	Jumlah/Total				
	Kereta Car	Motosikal Motorcycle	Basikal Bicycle	Alat pendingin hawa Air-conditioner	Mesin basuh Washing machine
Malaysia	**84.7**	**67.2**	**29.9**	**48.8**	**95.1**
Johor	88.2	74.6	35.4	50.8	98.2
Kedah	80.2	85.2	33.4	37.8	95.5
Kelantan	76.6	84.4	30.8	23.8	94.2
Melaka	88.1	74.9	37.5	53.5	96.7
Negeri Sembilan	86.7	73.5	28.1	51.1	96.6
Pahang	84.7	80.1	35.5	36.6	96.3
Pulau Pinang	84.3	73.2	29.2	55.9	98.0
Perak	80.7	77.8	42.7	50.8	95.4
Perlis	85.1	90.6	47.2	41.1	97.5
Selangor	92.3	61.4	29.6	61.3	97.8
Terengganu	85.5	85.6	39.2	27.4	97.8
Sabah	70.5	28.6	12.6	31.9	81.9
Sarawak	74.0	51.4	18.1	43.0	86.1
W.P. Kuala Lumpur	94.3	57.0	20.4	65.0	99.4
W.P. Labuan	88.2	43.1	18.9	63.3	96.0
W.P. Putrajaya	97.5	55.7	38.1	52.0	99.8

Jadual 4.10: Peratusan isi rumah mengikut peralatan yang dimiliki, negeri dan strata, Malaysia, 2016 (samb.)
Table 4.10: Percentage of households by items owned, state and strata, Malaysia, 2016 (cont'd)

(%)

Negeri *State*	Jumlah/*Total*				
	Peti sejuk *Refrigerator*	Dapur masak gas/elektrik *Gas/electric stove*	Ketuhar gelombang mikro *Microwave oven*	Penapis air *Water filter*	Komputer peribadi *Personal computer*
Malaysia	**98.4**	**98.3**	**35.6**	**45.1**	**19.3**
Johor	99.3	98.0	34.2	45.5	18.8
Kedah	98.4	98.6	23.9	38.5	12.6
Kelantan	97.8	97.9	20.6	29.4	9.5
Melaka	99.0	97.2	31.9	48.2	16.2
Negeri Sembilan	99.1	98.1	28.9	48.2	16.1
Pahang	98.4	98.2	33.5	41.0	12.7
Pulau Pinang	99.3	98.4	41.1	57.4	24.0
Perak	98.3	98.4	26.7	37.1	16.6
Perlis	99.0	98.9	43.1	53.6	16.8
Selangor	99.5	99.6	42.9	51.1	25.9
Terengganu	99.2	98.2	30.6	41.2	14.8
Sabah	92.6	94.8	24.4	29.4	13.6
Sarawak	96.4	97.3	32.4	30.8	12.5
W.P. Kuala Lumpur	99.9	99.2	67.2	76.7	36.0
W.P. Labuan	98.4	97.8	42.8	50.4	20.0
W.P. Putrajaya	100.0	99.8	53.8	60.3	23.8

Jadual 4.10: Peratusan isi rumah mengikut peralatan yang dimiliki, negeri dan strata, Malaysia, 2016 (samb.)
Table 4.10: Percentage of households by items owned, state and strata, Malaysia, 2016 (cont'd)

(%)

Negeri *State*	Jumlah/*Total*				
	Komputer riba *Laptop*	Tablet *Tablet*	Langganan Internet di rumah *Subscription of Internet at home*	Telefon bimbit *Mobile phone*	Telefon talian tetap *Fixed-line telephone*
Malaysia	**52.2**	**35.2**	**76.0**	**97.9**	**26.5**
Johor	50.9	33.0	85.9	98.1	27.5
Kedah	37.6	18.6	79.2	97.7	20.0
Kelantan	33.9	18.6	49.6	96.2	10.5
Melaka	48.8	23.8	84.7	97.6	33.0
Negeri Sembilan	45.9	31.3	56.6	97.2	34.3
Pahang	42.5	20.1	79.7	97.6	23.5
Pulau Pinang	55.2	42.6	76.9	98.0	33.4
Perak	39.9	24.2	72.4	95.6	35.5
Perlis	46.7	32.1	89.7	97.9	23.5
Selangor	62.1	43.2	82.2	99.7	28.7
Terengganu	60.5	48.9	70.9	98.1	19.1
Sabah	46.2	25.3	55.5	95.5	16.0
Sarawak	47.1	28.3	65.6	96.7	20.3
W.P. Kuala Lumpur	82.6	78.0	96.1	99.7	35.7
W.P. Labuan	62.9	40.1	73.7	99.1	34.8
W.P. Putrajaya	90.5	70.4	96.5	99.8	20.3

Jadual 4.10: Peratusan isi rumah mengikut peralatan yang dimiliki, negeri dan strata, Malaysia, 2016 (samb.)
Table 4.10: Percentage of households by items owned, state and strata, Malaysia, 2016 (cont'd)

(%)

Negeri *State*	Kamera/Video digital *Digital camera/ video*	Radio/Hi-fi	Jumlah/*Total* Pemain Video/ VCD/DVD *Video/VCD/ DVD player*	Televisyen *Television*	Siaran TV berbayar *Paid TV channel*
Malaysia	**25.8**	**89.1**	**47.4**	**98.1**	**70.1**
Johor	24.4	94.4	59.6	99.1	66.4
Kedah	19.7	87.8	37.4	97.4	51.3
Kelantan	10.1	64.5	19.7	97.2	59.4
Melaka	39.9	89.5	49.2	97.8	77.9
Negeri Sembilan	17.1	72.7	39.3	99.0	84.2
Pahang	15.4	88.1	38.3	97.7	73.6
Pulau Pinang	32.5	90.6	58.4	99.1	71.7
Perak	20.2	92.7	40.0	98.0	62.7
Perlis	22.4	94.9	47.7	99.2	63.9
Selangor	30.4	96.1	41.1	99.1	79.4
Terengganu	20.2	91.0	34.0	98.8	65.7
Sabah	14.6	70.9	44.6	92.6	64.6
Sarawak	20.7	87.4	69.2	97.4	55.6
W.P. Kuala Lumpur	58.7	99.4	69.3	99.7	93.0
W.P. Labuan	18.9	69.9	44.8	96.8	89.9
W.P. Putrajaya	36.9	99.8	29.2	99.6	84.5

Jadual 4.10: Peratusan isi rumah mengikut peralatan yang dimiliki, negeri dan strata, Malaysia, 2016 (samb.)
Table   4.10: Percentage of households by items owned, state and strata, Malaysia, 2016 (cont'd)

(%)

Negeri State	Bandar/*Urban*				
	Kereta *Car*	**Motosikal** *Motorcycle*	**Basikal** *Bicycle*	**Alat pendingin hawa** *Air-conditioner*	**Mesin basuh** *Washing machine*
Malaysia	**88.5**	**64.2**	**29.9**	**56.7**	**96.8**
Johor	89.6	70.7	34.0	56.9	98.2
Kedah	83.7	82.1	35.4	47.2	96.0
Kelantan	82.0	80.8	31.4	33.2	95.5
Melaka	88.8	74.3	37.9	54.9	96.8
Negeri Sembilan	89.2	69.2	28.6	58.9	96.8
Pahang	89.1	73.1	37.7	47.7	96.9
Pulau Pinang	84.4	72.4	28.2	57.4	98.0
Perak	84.4	74.8	42.6	59.1	96.2
Perlis	85.7	88.3	48.6	46.4	97.1
Selangor	92.9	59.7	28.5	62.9	97.9
Terengganu	87.5	84.3	39.6	34.0	98.2
Sabah	77.7	21.5	13.3	43.7	88.2
Sarawak	87.3	46.1	19.7	63.0	94.0
W.P. Kuala Lumpur	94.3	57.0	20.4	65.0	99.4
W.P. Labuan	88.3	41.7	17.0	63.9	96.2
W.P. Putrajaya	97.5	55.7	38.1	52.0	99.8

(%)

Negeri State	Bandar/*Urban*				
	Peti sejuk *Refrigerator*	Dapur masak gas/elektrik *Gas/electric stove*	Ketuhar gelombang mikro *Microwave oven*	Penapis air *Water filter*	Komputer peribadi *Personal computer*
Malaysia	**99.0**	**98.4**	**39.8**	**49.8**	**22.2**
Johor	99.3	98.0	36.7	47.1	20.8
Kedah	98.5	98.6	27.3	42.2	15.5
Kelantan	98.7	97.9	25.2	35.1	12.7
Melaka	99.0	97.2	32.7	48.8	16.6
Negeri Sembilan	99.2	98.1	32.7	51.8	18.7
Pahang	99.0	98.2	37.3	44.0	16.1
Pulau Pinang	99.3	98.4	41.3	58.3	24.3
Perak	98.6	98.4	28.7	40.1	18.2
Perlis	99.1	99.3	46.7	54.2	18.7
Selangor	99.5	99.6	43.8	52.0	26.4
Terengganu	99.4	98.2	35.1	44.5	17.5
Sabah	95.4	95.0	29.6	37.3	17.7
Sarawak	98.4	97.3	43.5	43.1	17.8
W.P. Kuala Lumpur	99.9	99.2	67.2	76.7	36.0
W.P. Labuan	98.2	97.5	42.8	50.9	20.3
W.P. Putrajaya	100.0	99.8	53.8	60.3	23.8

Jadual 4.10: Peratusan isi rumah mengikut peralatan yang dimiliki, negeri dan strata, Malaysia, 2016 (samb.)
Table 4.10: Percentage of households by items owned, state and strata, Malaysia, 2016 (cont'd)

(%)

Negeri State	Bandar/Urban				
	Komputer riba *Laptop*	**Tablet** *Tablet*	**Langganan Internet di rumah** *Subscription of Internet at home*	**Telefon bimbit** *Mobile phone*	**Telefon talian tetap** *Fixed-line telephone*
Malaysia	**57.9**	**39.9**	**81.3**	**98.5**	**29.7**
Johor	54.7	35.5	88.6	98.5	27.4
Kedah	43.6	21.6	84.5	98.3	24.0
Kelantan	41.2	23.1	59.0	96.7	15.9
Melaka	49.7	24.4	84.9	97.8	33.0
Negeri Sembilan	52.0	35.9	60.9	97.7	35.0
Pahang	51.4	24.5	95.7	98.4	27.7
Pulau Pinang	55.9	43.3	77.3	98.1	34.1
Perak	44.1	26.9	75.1	96.2	37.8
Perlis	49.8	34.4	89.9	97.3	27.2
Selangor	63.4	44.4	83.1	99.8	29.4
Terengganu	65.7	53.0	76.0	98.4	23.5
Sabah	54.9	32.2	63.4	96.8	22.2
Sarawak	60.0	37.3	79.0	98.5	30.0
W.P. Kuala Lumpur	82.6	78.0	96.1	99.7	35.7
W.P. Labuan	63.3	40.8	74.1	99.0	35.1
W.P. Putrajaya	90.5	70.4	96.5	99.8	20.3

(%)

Negeri *State*	Bandar/*Urban*				
	Kamera/Video digital *Digital camera/ video*	Radio/Hi-fi	Pemain Video/ VCD/DVD *Video/VCD/ DVD player*	Televisyen *Television*	Siaran TV berbayar *Paid TV channel*
Malaysia	**29.4**	**91.6**	**49.7**	**98.6**	**73.6**
Johor	26.3	94.1	61.2	99.1	67.5
Kedah	20.2	90.0	41.9	97.5	56.1
Kelantan	13.3	68.2	22.2	97.6	62.7
Melaka	40.9	89.9	50.1	97.8	78.4
Negeri Sembilan	20.3	76.2	43.8	99.3	85.5
Pahang	19.2	91.7	42.0	98.5	74.1
Pulau Pinang	33.3	90.6	58.5	99.2	72.3
Perak	22.6	94.0	43.0	98.2	64.1
Perlis	25.0	95.0	49.9	99.1	66.4
Selangor	30.8	96.3	41.1	99.1	80.0
Terengganu	23.0	91.9	36.6	98.8	65.2
Sabah	19.0	76.5	49.4	95.2	70.5
Sarawak	28.4	90.9	72.8	98.6	65.7
W.P. Kuala Lumpur	58.7	99.4	69.3	99.7	93.0
W.P. Labuan	19.7	70.5	43.7	96.6	89.6
W.P. Putrajaya	36.9	99.8	29.2	99.6	84.5

Jadual 4.10: Peratusan isi rumah mengikut peralatan yang dimiliki, negeri dan strata, Malaysia, 2016 (samb.)
Table   4.10: Percentage of households by items owned, state and strata, Malaysia, 2016 (cont'd)

(%)

| Negeri
State | Luar bandar/*Rural* | | | | |
	Kereta *Car*	Motosikal *Motorcycle*	Basikal *Bicycle*	Alat pendingin hawa *Air-conditioner*	Mesin basuh *Washing machine*
Malaysia	**70.9**	**78.1**	**29.8**	**19.9**	**89.0**
Johor	83.3	88.3	40.4	29.3	98.3
Kedah	71.8	92.4	28.5	15.2	94.2
Kelantan	71.1	88.0	30.2	14.4	92.8
Melaka	79.1	83.1	32.8	33.9	95.4
Negeri Sembilan	80.1	85.0	26.9	30.3	96.2
Pahang	78.3	90.3	32.1	20.3	95.3
Pulau Pinang	81.6	88.4	49.0	27.0	97.6
Perak	67.6	88.5	43.1	21.8	92.5
Perlis	84.1	94.4	45.0	32.2	98.3
Selangor	83.5	86.4	45.5	36.4	96.2
Terengganu	81.7	88.2	38.6	14.7	97.2
Sabah	58.0	40.9	11.4	11.3	71.0
Sarawak	54.7	59.2	15.8	14.0	74.7
W.P. Kuala Lumpur	n.a	n.a	n.a	n.a	n.a
W.P. Labuan	87.5	54.2	34.2	58.3	94.2
W.P. Putrajaya	n.a	n.a	n.a	n.a	n.a

Jadual 4.10: Peratusan isi rumah mengikut peralatan yang dimiliki, negeri dan strata, Malaysia, 2016 (samb.)
Table 4.10: Percentage of households by items owned, state and strata, Malaysia, 2016 (cont'd)

(%)

| Negeri
State | Luar bandar/*Rural* | | | | |
	Peti sejuk *Refrigerator*	Dapur masak gas/elektrik *Gas/electric stove*	Ketuhar gelombang mikro *Microwave oven*	Penapis air *Water filter*	Komputer peribadi *Personal computer*
Malaysia	**96.2**	**97.7**	**20.5**	**27.9**	**8.7**
Johor	99.5	98.1	25.4	39.9	12.1
Kedah	98.0	98.6	15.8	29.5	5.6
Kelantan	96.9	98.0	16.0	23.8	6.3
Melaka	98.8	97.1	21.6	40.3	10.3
Negeri Sembilan	98.8	98.0	18.9	38.8	9.0
Pahang	97.4	98.3	27.9	36.6	7.6
Pulau Pinang	99.0	99.1	37.2	41.5	17.4
Perak	97.6	98.2	19.5	26.5	10.9
Perlis	99.0	98.1	37.1	52.6	13.8
Selangor	99.0	99.7	29.6	36.8	17.9
Terengganu	98.8	98.3	21.9	34.8	9.5
Sabah	87.7	94.3	15.3	15.5	6.7
Sarawak	93.6	97.4	16.2	13.0	4.9
W.P. Kuala Lumpur	n.a	n.a	n.a	n.a	n.a
W.P. Labuan	100.0	100.0	42.5	46.7	17.5
W.P. Putrajaya	n.a	n.a	n.a	n.a	n.a

Jadual 4.10: Peratusan isi rumah mengikut peralatan yang dimiliki, negeri dan strata, Malaysia, 2016 (samb.)
Table   4.10: Percentage of households by items owned, state and strata, Malaysia, 2016 (cont'd)

(%)

| Negeri
State | Luar bandar/*Rural* | | | | |
	Komputer riba *Laptop*	Tablet *Tablet*	Langganan Internet di rumah *Subscription of Internet at home*	Telefon bimbit *Mobile phone*	Telefon talian tetap *Fixed-line telephone*
Malaysia	**31.6**	**18.1**	**56.5**	**95.6**	**14.9**
Johor	37.7	24.1	76.5	96.8	27.8
Kedah	23.1	11.5	66.5	96.2	10.4
Kelantan	26.7	14.1	40.2	95.6	5.1
Melaka	35.8	15.0	81.2	94.4	32.4
Negeri Sembilan	29.6	18.9	44.9	95.8	32.4
Pahang	29.3	13.7	56.0	96.4	17.3
Pulau Pinang	42.9	29.6	69.1	97.4	20.5
Perak	25.4	14.5	63.1	93.8	27.6
Perlis	41.6	28.2	89.5	99.0	17.2
Selangor	42.2	25.3	67.5	99.4	19.0
Terengganu	50.5	40.9	61.0	97.5	10.7
Sabah	31.1	13.4	41.7	93.2	5.4
Sarawak	28.2	15.1	46.1	94.2	6.1
W.P. Kuala Lumpur	n.a	n.a	n.a	n.a	n.a
W.P. Labuan	59.2	34.2	70.8	100.0	31.7
W.P. Putrajaya	n.a	n.a	n.a	n.a	n.a

(%)

Negeri *State*	Luar bandar/*Rural*				
	Kamera/Video digital *Digital camera/ video*	**Radio/Hi-fi**	**Pemain Video/ VCD/DVD** *Video/VCD/ DVD player*	**Televisyen** *Television*	**Siaran TV berbayar** *Paid TV channel*
Malaysia	**12.6**	**80.0**	**39.0**	**96.3**	**57.2**
Johor	17.5	95.3	54.0	99.0	62.6
Kedah	18.5	82.4	26.7	97.0	39.5
Kelantan	7.0	60.8	17.3	96.8	56.1
Melaka	26.6	84.1	36.3	98.2	70.7
Negeri Sembilan	8.7	63.3	27.4	98.2	80.9
Pahang	9.7	82.8	32.7	96.7	72.7
Pulau Pinang	18.3	91.3	56.4	98.5	60.7
Perak	12.0	88.3	29.7	97.6	57.8
Perlis	17.9	94.7	44.0	99.4	59.7
Selangor	24.5	92.8	41.4	99.2	69.8
Terengganu	14.7	89.2	29.2	98.9	66.6
Sabah	6.8	61.2	36.2	88.2	54.5
Sarawak	9.5	82.4	64.0	95.6	40.9
W.P. Kuala Lumpur	n.a	n.a	n.a	n.a	n.a
W.P. Labuan	12.5	65.0	53.3	98.3	92.5
W.P. Putrajaya	n.a	n.a	n.a	n.a	n.a

5

STATISTIK KEMUDAHAN ASAS BAGI KUMPULAN ISI RUMAH

Statistics of Basic Amenities by Household Group
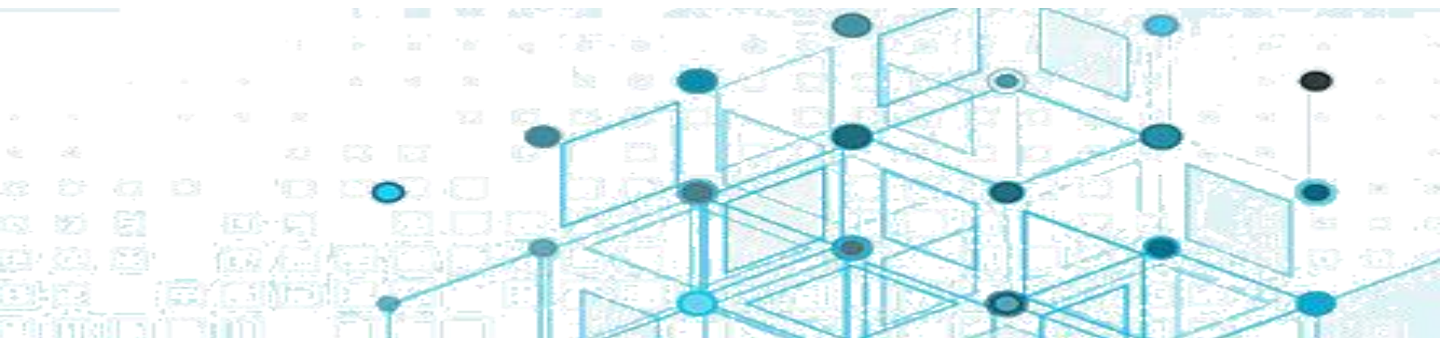
Jadual 5.1a: Peratusan isi rumah bagi kumpulan Terendah 40% mengikut jenis rumah yang didiami dan negeri, Malaysia, 2016
Table   5.1a: Percentage of households for Bottom 40% group by type of occupied dwelling and state, Malaysia, 2016

(%)

Negeri *State*	Dimiliki *Owned*	Disewa *Rented*	Kuarters *Quarters*	Jumlah *Total*
Malaysia	**73.2**	**23.0**	**3.8**	**100.0**
Johor	69.1	27.4	3.5	100.0
Kedah	81.0	18.2	0.8	100.0
Kelantan	83.7	15.9	0.5	100.0
Melaka	72.9	25.4	1.7	100.0
Negeri Sembilan	75.0	22.9	2.1	100.0
Pahang	74.0	20.2	5.7	100.0
Pulau Pinang	71.7	26.8	1.5	100.0
Perak	79.3	18.8	1.9	100.0
Perlis	85.2	10.5	4.2	100.0
Selangor	54.8	43.3	1.9	100.0
Terengganu	83.4	14.5	2.1	100.0
Sabah	69.2	20.8	10.0	100.0
Sarawak	81.4	12.5	6.2	100.0
W.P. Kuala Lumpur	42.9	52.4	4.7	100.0
W.P. Labuan	59.9	31.7	8.4	100.0
W.P. Putrajaya	2.6	4.1	93.3	100.0

Jadual 5.1b: Peratusan isi rumah bagi kumpulan Pertengahan 40% mengikut jenis rumah yang didiami dan negeri, Malaysia, 2016
Table   5.1b: Percentage of households for Middle 40% group by type of occupied dwelling and state, Malaysia, 2016

(%)

Negeri *State*	Dimiliki *Owned*	Disewa *Rented*	Kuarters *Quarters*	Jumlah *Total*
Malaysia	**73.6**	**21.5**	**4.9**	**100.0**
Johor	78.3	18.1	3.6	100.0
Kedah	84.9	13.0	2.1	100.0
Kelantan	82.6	13.1	4.4	100.0
Melaka	84.1	14.7	1.2	100.0
Negeri Sembilan	80.4	15.8	3.8	100.0
Pahang	75.5	17.2	7.2	100.0
Pulau Pinang	79.5	17.2	3.3	100.0
Perak	82.6	14.3	3.1	100.0
Perlis	84.4	9.3	6.4	100.0
Selangor	75.0	23.5	1.5	100.0
Terengganu	86.8	9.9	3.4	100.0
Sabah	70.9	17.0	12.1	100.0
Sarawak	77.2	10.2	12.7	100.0
W.P. Kuala Lumpur	67.5	28.5	4.0	100.0
W.P. Labuan	66.1	22.3	11.6	100.0
W.P. Putrajaya	3.1	2.1	94.8	100.0

Jadual 5.1c: Peratusan isi rumah bagi kumpulan Tertinggi 20% mengikut jenis rumah yang didiami dan negeri, Malaysia, 2016
Table   5.1c: Percentage of households for Top 20% group by type of occupied dwelling and state, Malaysia, 2016

(%)

Negeri *State*	Dimiliki *Owned*	Disewa *Rented*	Kuarters *Quarters*	Jumlah *Total*
Malaysia	**88.1**	**9.1**	**2.8**	**100.0**
Johor	91.8	6.7	1.5	100.0
Kedah	90.9	6.4	2.7	100.0
Kelantan	86.8	8.4	4.9	100.0
Melaka	95.6	3.4	1.0	100.0
Negeri Sembilan	89.6	6.8	3.7	100.0
Pahang	84.0	10.1	5.9	100.0
Pulau Pinang	92.7	5.5	1.8	100.0
Perak	88.3	8.3	3.3	100.0
Perlis	91.5	4.9	3.7	100.0
Selangor	91.6	7.8	0.6	100.0
Terengganu	88.8	8.3	2.9	100.0
Sabah	78.0	13.1	8.9	100.0
Sarawak	87.8	5.5	6.7	100.0
W.P. Kuala Lumpur	90.5	7.0	2.5	100.0
W.P. Labuan	70.7	18.4	10.9	100.0
W.P. Putrajaya	37.5	2.1	60.4	100.0

Jadual 5.2a: Peratusan isi rumah bagi kumpulan Terendah 40% mengikut peralatan yang dimiliki dan negeri, Malaysia, 2016
Table   5.2a: Percentage of households for Bottom 40% group by items owned and state, Malaysia, 2016

(%)

Negeri *State*	Kereta *Car*	Motosikal *Motorcycle*	Langganan Internet di rumah *Subscription of Internet at home*	Telefon bimbit *Mobile phone*	Siaran TV berbayar *Paid TV channel*
Malaysia	**66.8**	**69.9**	**49.3**	**95.2**	**50.5**
Johor	73.8	75.1	67.7	96.0	49.0
Kedah	59.2	84.1	56.9	94.8	33.8
Kelantan	54.9	82.3	9.6	92.2	41.2
Melaka	73.4	74.1	70.7	94.0	62.6
Negeri Sembilan	71.3	72.2	29.0	94.4	73.7
Pahang	70.1	80.8	58.0	94.5	62.2
Pulau Pinang	66.7	73.2	53.0	95.1	56.6
Perak	60.7	74.3	46.8	90.2	46.2
Perlis	69.9	90.1	79.1	95.0	44.8
Selangor	83.1	70.9	59.4	99.4	64.4
Terengganu	70.0	85.1	45.0	95.9	46.0
Sabah	44.1	26.6	16.2	93.0	42.4
Sarawak	46.1	53.1	22.9	92.7	30.0
W.P. Kuala Lumpur	86.1	67.4	90.4	99.5	85.2
W.P. Labuan	75.7	41.9	40.9	98.8	84.0
W.P. Putrajaya	94.3	63.4	91.2	100.0	74.2

Jadual 5.2b: Peratusan isi rumah bagi kumpulan Pertengahan 40% mengikut peralatan yang dimiliki dan negeri, Malaysia, 2016
Table 5.2b: Percentage of households for Middle 40% group by items owned and state, Malaysia, 2016

(%)

Negeri *State*	Kereta *Car*	Motosikal *Motorcycle*	Langganan Internet di rumah *Subscription of Internet at home*	Telefon bimbit *Mobile phone*	Siaran TV berbayar *Paid TV channel*
Malaysia	**95.1**	**71.1**	**90.7**	**99.6**	**75.4**
Johor	96.9	77.5	97.2	99.6	69.0
Kedah	91.5	89.5	91.1	99.4	53.0
Kelantan	86.9	87.4	64.6	98.7	63.5
Melaka	97.0	78.6	91.1	100.0	83.1
Negeri Sembilan	95.6	78.9	62.4	99.4	88.6
Pahang	91.9	83.2	91.2	99.5	76.8
Pulau Pinang	94.3	79.3	89.5	100.0	74.6
Perak	91.4	81.7	84.3	99.0	66.3
Perlis	93.5	93.0	95.3	99.9	70.8
Selangor	97.9	61.6	96.0	99.9	84.1
Terengganu	94.1	88.5	82.3	99.5	72.2
Sabah	83.0	31.8	74.6	96.1	72.1
Sarawak	89.2	54.2	91.2	99.1	63.7
W.P. Kuala Lumpur	99.6	55.2	100.0	99.9	97.1
W.P. Labuan	95.5	44.1	93.8	99.0	90.8
W.P. Putrajaya	99.5	58.6	100.0	99.5	87.1

Jadual 5.2c: Peratusan isi rumah bagi kumpulan Tertinggi 20% mengikut peralatan yang dimiliki dan negeri, Malaysia, 2016
Table 5.2c: Percentage of households for Top 20% group by items owned and state, Malaysia, 2016

(%)

Negeri *State*	Kereta *Car*	Motosikal *Motorcycle*	Langganan Internet di rumah *Subscription of Internet at home*	Telefon bimbit *Mobile phone*	Siaran TV berbayar *Paid TV channel*
Malaysia	**99.7**	**53.7**	**99.7**	**99.8**	**98.6**
Johor	99.7	67.7	99.9	99.4	95.9
Kedah	99.7	78.4	100.0	100.0	82.9
Kelantan	99.1	82.5	99.5	99.0	87.6
Melaka	99.8	69.2	99.8	99.9	98.2
Negeri Sembilan	99.9	65.4	100.0	98.6	96.4
Pahang	99.6	72.4	100.0	99.9	89.8
Pulau Pinang	99.3	61.2	99.4	99.9	96.2
Perak	99.3	76.9	99.9	99.7	88.4
Perlis	98.8	86.6	100.0	100.0	88.4
Selangor	99.7	41.7	100.0	100.0	100.0
Terengganu	99.6	80.8	99.7	99.7	92.0
Sabah	98.4	26.2	96.0	99.1	94.1
Sarawak	99.6	42.5	100.0	100.0	90.7
W.P. Kuala Lumpur	100.0	39.7	100.0	99.8	100.0
W.P. Labuan	98.5	43.4	99.5	100.0	100.0
W.P. Putrajaya	100.0	34.4	100.0	100.0	100.0

6. SIRI MASA STATISTIK TERPILIH PENDAPATAN DAN KEMISKINAN

Time Series for Selected Statistics on Income and Poverty
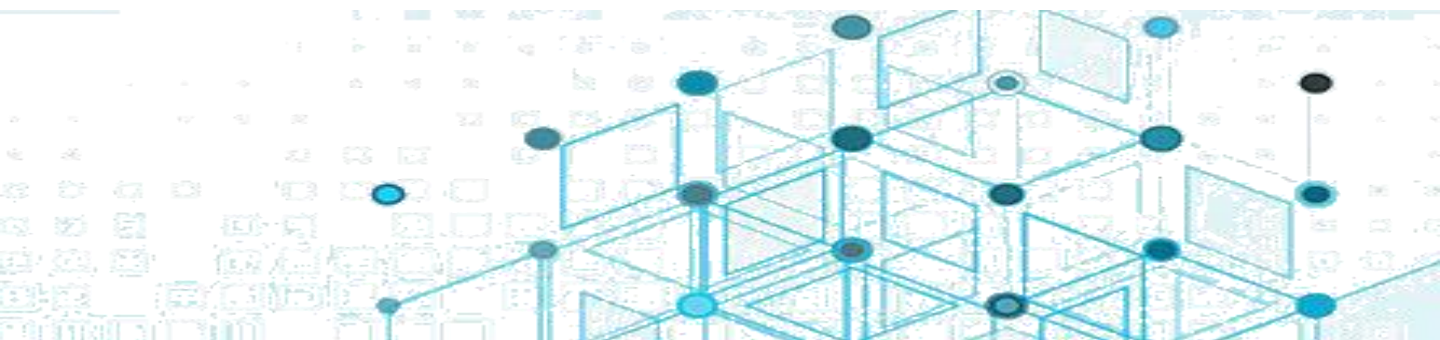
Jadual 6.1: Pendapatan isi rumah kasar bulanan penengah mengikut kumpulan etnik, strata dan negeri, Malaysia, 1995-2016
Table 6.1: Median monthly household gross income by ethnic group, strata and state, Malaysia, 1995-2016

(RM)

	1995	1997	1999	2002	2004	2007	2009	2012	2014	2016
Malaysia	1,377	1,724	1,704	2,049	2,211	2,552	2,841	3,626	4,585	5,228
Kumpulan etnik/ *Ethnic group*										
Bumiputera	1,143	1,407	1,423	1,695	1,862	2,228	2,534	3,282	4,214	4,846
Cina/*Chinese*	2,010	2,583	2,486	2,943	3,089	3,452	3,643	4,643	5,708	6,582
India/*Indians*	1,553	2,081	1,969	2,272	2,469	2,760	2,853	3,676	4,627	5,428
Lain-lain/*Others*	899	1,163	997	1,542	1,567	1,884	2,162	2,762	4,372	3,780
Strata										
Bandar/*Urban*	1,829	2,320	2,246	2,582	3,767	3,144	3,435	4,238	5,156	5,860
Luar bandar/*Rural*	991	1,239	1,249	1,289	1,402	1,709	1,836	2,372	3,123	3,471
Negeri/*State*										
Johor	1,610	2,056	2,012	2,212	2,325	2,726	2,958	3,650	5,197	5,652
Kedah	990	1,171	1,225	1,451	1,607	1,756	1,966	2,633	3,451	3,811
Kelantan	789	872	946	1,154	1,258	1,510	1,713	2,276	2,716	3,079
Melaka	1,391	1,793	1,715	2,051	2,308	2,717	3,005	3,923	5,029	5,588
Negeri Sembilan	1,358	1,731	1,777	2,080	2,288	2,556	2,711	3,575	4,128	4,579
Pahang	1,138	1,259	1,202	1,423	1,783	2,235	2,479	3,067	3,389	3,979
Pulau Pinang	1,693	2,338	2,323	2,572	2,650	2,902	3,200	4,039	4,702	5,409
Perak	1,102	1,522	1,350	1,613	1,732	1,905	2,094	2,665	3,451	4,006
Perlis	889	1,114	1,086	1,431	1,459	1,746	1,832	2,387	3,500	4,204
Selangor	2,255	2,850	2,750	3,144	3,588	4,046	4,306	5,353	6,214	7,225
Terengganu	756	1,026	1,155	1,331	1,353	1,796	2,096	3,034	3,777	4,694
Sabah	1,133	1,390	1,264	1,583	1,606	1,189	2,066	2,860	3,745	4,110
Sarawak	1,305	1,499	1,667	1,704	1,804	2,250	2,394	3,047	3,778	4,163
W.P. Kuala Lumpur	2,321	3,090	2,828	3,364	3,336	3,697	4,409	5,847	7,620	9,073
W.P. Labuan	n.a	n.a	n.a	n.a	n.a	2,777	3,498	5,063	5,684	5,928
W.P. Putrajaya	n.a	n.a	n.a	n.a	n.a	4,288	5,450	6,486	7,512	8,275

Nota/*Note* :

Data adalah berdasarkan kepada warganegara Malaysia/*Data is based on Malaysian citizens*

Jadual 6.2: Pendapatan isi rumah kasar bulanan purata mengikut kumpulan etnik, strata dan negeri, Malaysia, 1970-2016
Table 6.2: Mean monthly household gross income by ethnic group, strata and state, Malaysia, 1970-2016

(RM)

	1970*	1974*	1976	1979	1984	1987	1989**	1992	1995	1997	1999	2002	2004	2007	2009	2012	2014	2016
Malaysia	264	362	505	678	1,098	1,083	1,169	1,566	2,020	2,606	2,472	3,011	3,249	3,686	4,025	5,000	6,141	6,958
Kumpulan etnik/ *Ethnic group*																		
Bumiputera	172	242	345*	492	844	868	941	1,268	1,604	2,038	1,984	2,376	2,711	3,156	3,624	4,457	5,548	6,267
Cina/*Chinese*	394	534	787*	1,002	1,552	1,488	1,629	2,192	2,890	3,738	3,456	4,279	4,437	4,853	5,011	6,366	7,666	8,750
India/*Indians*	304	408	538*	756	1,107	1,105	1,207	1,604	2,140	2,896	2,702	3,044	3,456	3,799	3,999	5,233	6,246	7,150
Lain-lain/*Others*	813	1,299	1,268*	1,475	2,957	2,992	952	1,163	1,284	1,680	1,371	2,165	2,312	3,561	3,640	3,843	6,011	4,951
Strata																		
Bandar/*Urban*	428	570	843	1,045	1,573	1,488	1,606	2,032	2,589	3,357	3,103	3,652	3,956	4,356	4,705	5,742	6,833	7,671
Luar bandar/*Rural*	200	269	385	523	842	881	957	1,024	1,326	1,704	1,718	1,729	1,875	2,283	2,545	3,080	3,831	4,359
Negeri/*State*																		
Johor	237	382	513	731	1,065	1,060	1,150	1,713	2,138	2,772	2,646	2,963	3,076	3,457	3,835	4,658	6,207	6,928
Kedah	189	256	306	382	690	718	749	1,048	1,295	1,590	1,612	1,966	2,126	2,408	2,667	3,425	4,478	4,971
Kelantan	151	231	269	341	625	667	712	907	1,091	1,249	1,314	1,674	1,829	2,143	2,536	3,168	3,715	4,214
Melaka	265	410	568	772	1,040	1,034	1,084	1,459	1,843	2,276	2,260	2,650	2,791	3,421	4,184	4,759	6,046	6,849
Negeri Sembilan	286	386	505	629	1,039	908	1,083	1,380	1,767	2,378	2,335	2,739	2,886	3,336	3,540	4,576	5,271	5,887
Pahang	286	305	477	702	960	900	961	1,262	1,436	1,632	1,482	1,991	2,410	2,995	3,279	3,745	4,343	5,012
Pulau Pinang	292	471	589	840	1,183	1,130	1,326	1,821	2,225	3,130	3,128	3,496	3,531	4,004	4,407	5,055	5,993	6,771
Perak	254	305	436	559	883	863	973	1,274	1,436	1,940	1,743	2,153	2,207	2,545	2,809	3,548	4,268	5,065
Perlis	140	206	338	316	692	711	817	1,040	1,158	1,507	1,431	2,006	2,046	2,541	2,617	3,538	4,445	4,998
Selangor	421	598	735	1,067	1,590	1,558	1,658	2,280	3,162	4,006	3,702	4,406	5,175	5,580	5,962	7,023	8,252	9,463
Terengganu	173	206	339	360	756	694	759	939	1,117	1,497	1,599	1,837	1,984	2,463	3,017	3,967	4,816	5,776
Sabah	n.a	n.a	513	767	1,212	1,116	1,264	1,490	1,647	2,057	1,905	2,406	2,487	2,837	3,102	4,013	4,879	5,354
Sarawak	n.a	n.a	426	582	1,033	1,141	1,190	1,480	1,886	2,242	2,276	2,515	2,725	3,349	3,581	4,293	4,934	5,387
W.P. Kuala Lumpur	n.a	n.a	1,058	n.a	1,920	1,790	1,824	2,429	3,371	4,768	4,105	4,930	5,011	5,322	5,488	8,586	10,629	11,692
W.P. Labuan	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	3,726	4,407	6,317	7,591	8,174
W.P. Putrajaya	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	5,294	6,747	8,101	10,401	11,555

Nota/*Note*:

* Merujuk kepada Semenanjung Malaysia sahaja/*Refers to Peninsular Malaysia only*

** Mulai tahun 1989, data adalah berdasarkan kepada warganegara Malaysia/*Starting 1989, data is based on Malaysian citizens*

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Jadual 6.3: Pendapatan isi rumah kasar bulanan purata bagi kumpulan isi rumah mengikut pendapatan, kumpulan etnik dan strata, Malaysia, 1970-2016

Table 6.3: Mean monthly household gross income of household group by income, ethnic group and strata, Malaysia, 1970-2016

Tertinggi 20%/Top 20% (RM)

	1970*	1974*	1976	1979	1984	1987	1989**	1992	1995	1997	1999	2002	2004	2007	2009	2012	2014	2016
Malaysia	735	1,092	1,464	1,877	2,938	2,789	2,925	3,965	5,202	6,854	6,268	7,745	8,337	9,173	9,987	12,159	14,305	16,088
Kumpulan etnik/ *Ethnic group*																		
Bumiputera	444	669	849*	1,274	2,176	2,169	2,303	3,191	3,986	5,195	4,855	5,849	6,877	7,666	8,976	10,666	12,630	14,098
Cina/*Chinese*	1,036	1,644	2,085*	2,630	3,953	3,629	3,920	5,334	7,270	9,246	8,470	10,914	11,131	11,878	12,152	15,254	17,981	20,534
India/*Indians*	821	1,071	1,585*	1,966	2,694	2,627	2,795	3,739	5,100	7,038	6,456	7,055	8,405	9,119	9,774	13,127	14,604	16,163
Lain-lain/*Others*	2,772	4,097	4,705*	4,802	8,932	10,568	2,256	2,794	3,106	4,351	3,242	5,472	6,016	10,830	10,123	9,741	14,732	11,541
Strata																		
Bandar/*Urban*	n.a.	1,798	2,384	2,827	4,114	3,770	3,981	4,981	6,474	8,470	7,580	9,085	9,863	10,576	11,348	13,654	15,690	17,416
Luar bandar/*Rural*	n.a.	735	1,051	1,365	2,110	2,189	2,277	2,369	3,153	4,130	4,124	4,057	4,330	5,220	6,033	6,905	8,180	9,471

Pertengahan 40%/Middle 40% (RM)

	1970*	1974*	1976	1979	1984	1987	1989**	1992	1995	1997	1999	2002	2004	2007	2009	2012	2014	2016
Malaysia	216	288	396	554	929	943	1,037	1,388	1,777	2,250	2,204	2,660	2,875	3,282	3,631	4,573	5,662	6,502
Kumpulan etnik/ *Ethnic group*																		
Bumiputera	151	209	264*	429	738	773	844	1,121	1,461	1,795	1,810	2,167	2,408	2,863	3,272	4,123	5,190	5,953
Cina/*Chinese*	331	424	509*	859	1,363	1,349	1,483	1,971	2,560	3,405	3,168	3,780	3,951	4,389	4,560	5,836	7,049	8,162
India/*Indians*	237	337	419*	636	974	987	1,096	1,469	1,954	2,606	2,460	2,860	3,116	3,393	3,569	4,589	5,646	6,669
Lain-lain/*Others*	602	824	1269*	999	2,564	1,853	867	1,040	1,131	1,380	1,204	1,931	1,973	2,459	2,875	3,341	5,510	4,489
Strata																		
Bandar/*Urban*	n.a.	441	663	869	1,355	1,308	1,435	1,827	2,323	3,000	2,844	3,265	3,524	3,947	4,296	5,294	6,310	7,208
Luar bandar/*Rural*	n.a.	240	328	457	756	793	882	962	1,235	1,564	1,577	1,612	1,762	2,104	2,313	2,930	3,729	4,194

Terendah 40%/Bottom 40% (RM)

	1970*	1974*	1976	1979	1984	1987	1989**	1992	1995	1997	1999	2002	2004	2007	2009	2012	2014	2016
Malaysia	76	107	136	201	347	371	424	545	693	867	865	1,019	1,101	1,345	1,440	1,847	2,537	2,848
Kumpulan etnik/ *Ethnic group*																		
Bumiputera	57	84	84*	164	285	311	356	455	572	724	742	868	952	1,194	1,300	1,686	2,367	2,666
Cina/*Chinese*	136	180	202*	331	541	556	634	843	1,062	1,356	1,271	1,485	1,597	1,805	1,897	2,455	3,127	3,446
India/*Indians*	112	159	177*	272	447	462	528	671	868	1,149	1,092	1,249	1,339	1,545	1,547	1,937	2,672	3,131
Lain-lain/*Others*	45	99	126*	287	362	339	394	470	539	660	616	766	820	1,025	1,187	1,472	2,234	2,131
Strata																		
Bandar/*Urban*	n.a.	172	255	331	521	527	590	761	942	1,193	1,155	1,344	1,450	1,655	1,794	2,235	2,927	3,262
Luar bandar/*Rural*	n.a.	92	109	169	292	324	373	413	515	649	670	699	783	994	1,033	1,319	1,760	1,969

Nota/*Note* :

* **Merujuk kepada Semenanjung Malaysia sahaja/***Refers to Peninsular Malaysia only*

** **Mulai tahun 1989, data adalah berdasarkan kepada warganegara Malaysia/***Starting 1989, data is based on Malaysian citizens*

Jadual 6.4: Agihan pendapatan bagi kumpulan isi rumah mengikut pendapatan, kumpulan etnik dan strata, Malaysia, 1970-2016
Table 6.4: Income share of household group by income, ethnic group and strata, Malaysia, 1970-2016

Tertinggi 20%/Top 20% (%)

	1970*	1974*	1976	1979	1984	1987	1989**	1992	1995	1997	1999	2002	2004	2007	2009	2012	2014	2016
Malaysia	55.7	58.0	57.9	55.5	53.5	51.5	50.0	50.6	51.3	52.4	50.5	51.3	51.8	49.8	49.6	48.6	46.1	46.2
Kumpulan etnik/ *Ethnic group*																		
Bumiputera	51.6	53.2	54.9*	51.8	51.5	50.0	49.0	50.3	49.5	50.8	48.7	49.1	51.2	48.7	49.5	47.9	45.5	45.0
Cina/*Chinese*	52.6	57.7	59.4*	52.5	50.9	48.7	48.1	48.7	50.1	49.3	48.8	50.9	50.6	49.0	48.4	47.9	46.9	46.9
India/*Indians*	54.0	51.9	57.0*	52.0	48.7	47.6	46.3	46.6	47.5	48.4	47.6	46.2	50.1	48.0	48.8	50.1	46.7	45.2
Lain-lain/*Others*	68.2	68.8	62.9*	65.1	60.4	70.7	47.2	48.1	48.2	62.2	47.1	50.4	48.6	60.8	55.3	49.8	48.7	46.5
Strata																		
Bandar/*Urban*	n.a	59.5	56.2	54.1	52.3	50.6	49.6	49.0	49.8	50.2	48.7	49.6	49.8	48.6	48.2	47.5	45.9	45.4
Luar bandar/*Rural*	n.a	52.6	54.6	52.1	50.1	49.2	47.6	46.3	47.4	48.2	47.9	46.7	46.0	45.7	47.4	44.8	42.7	43.4

Pertengahan 40%/Middle 40% (%)

	1970*	1974*	1976	1979	1984	1987	1989**	1992	1995	1997	1999	2002	2004	2007	2009	2012	2014	2016
Malaysia	32.8	30.6	31.3	32.7	33.8	34.8	35.5	35.5	35.0	34.4	35.5	35.2	35.0	35.6	36.1	36.6	37.1	37.4
Kumpulan etnik/ *Ethnic group*																		
Bumiputera	35.2	33.4	34.1*	34.9	35.0	35.6	35.9	35.4	36.3	35.0	36.4	36.3	35.3	36.3	36.1	37.0	37.4	38.0
Cina/*Chinese*	34.1	29.7	29.0*	34.3	35.0	36.3	36.3	35.9	35.3	36.2	36.5	35.3	35.4	36.2	36.4	36.7	36.8	37.3
India/*Indians*	31.2	32.7	30.1*	33.6	35.1	35.7	36.2	36.7	36.3	35.8	36.3	37.4	35.5	35.7	35.7	35.1	36.2	37.3
Lain-lain/*Others*	29.6	27.9	33.8*	27.1	34.7	24.8	36.3	35.7	35.1	28.3	35.0	35.5	35.9	27.6	31.6	34.7	36.5	36.2
Strata																		
Bandar/*Urban*	n.a	29.1	31.4	33.3	34.4	35.2	35.7	36.0	35.7	35.6	36.5	35.7	35.6	36.2	36.5	36.9	36.9	37.6
Luar bandar/*Rural*	n.a	34.3	34.1	34.9	36.0	36.1	36.8	37.6	37.1	36.6	36.5	37.2	37.4	36.9	36.4	38.0	38.9	38.5

Terendah 40%/Bottom 40% (%)

	1970*	1974*	1976	1979	1984	1987	1989**	1992	1995	1997	1999	2002	2004	2007	2009	2012	2014	2016
Malaysia	11.5	11.4	10.8	11.9	12.7	13.7	14.5	13.9	13.7	13.2	14.0	13.5	13.2	14.6	14.3	14.8	16.8	16.4
Kumpulan etnik/ *Ethnic group*																		
Bumiputera	13.2	13.4	11.0*	13.3	13.5	14.4	15.1	14.3	14.2	14.2	14.9	14.6	13.5	15.2	14.4	15.1	17.1	17.0
Cina/*Chinese*	13.3	12.6	11.6*	13.2	14.1	15.0	15.6	15.4	14.6	14.5	14.7	13.8	14.0	14.9	15.2	15.4	16.3	15.8
India/*Indians*	14.8	15.4	12.9*	14.4	16.2	16.7	17.5	16.7	16.2	15.8	16.1	16.4	14.4	16.2	15.5	14.8	17.1	17.5
Lain-lain/*Others*	2.2	3.3	3.4*	7.8	4.9	4.5	16.5	16.2	16.7	9.5	17.9	14.1	15.5	11.5	13.1	15.5	14.8	17.2
Strata																		
Bandar/*Urban*	n.a	11.4	12.1	12.7	13.3	14.2	14.7	15.0	14.5	14.2	14.8	14.7	14.6	15.2	15.3	15.6	17.2	17.0
Luar bandar/*Rural*	n.a	13.1	11.3	12.9	13.9	14.7	15.6	16.1	15.5	15.2	15.6	16.1	16.6	17.4	16.2	17.1	18.4	18.1

Nota/*Note*:

* **Merujuk kepada Semenanjung Malaysia sahaja/***Refers to Peninsular Malaysia only*
** **Mulai tahun 1989, data adalah berdasarkan kepada warganegara Malaysia/***Starting 1989, data is based on Malaysian citizens*

Jadual 6.5: Pekali Gini mengikut kumpulan etnik, strata dan negeri, Malaysia, 1970-2016
Table 6.5: Gini Coefficient by ethnic group, strata and state, Malaysia, 1970-2016

	1970*	1974*	1976*	1979	1984	1987*	1989**	1992	1995	1997	1999	2002	2004	2007	2009	2012	2014	2016
Malaysia	0.513	0.530	0.557	0.505	0.483	0.456	0.442	0.451	0.456	0.459	0.443	0.461	0.462	0.441	0.441	0.431	0.401	0.399
Kumpulan etnik/ *Ethnic group*																		
Bumiputera	0.466	0.476	0.506	0.468	0.464	0.447	0.429	0.444	0.441	0.448	0.433	0.435	0.452	0.430	0.440	0.421	0.389	0.385
Cina/*Chinese*	0.466	0.520	0.541	0.474	0.452	0.428	0.419	0.420	0.428	0.416	0.434	0.455	0.446	0.432	0.425	0.422	0.405	0.411
India/*Indians*	0.472	0.451	0.509	0.460	0.419	0.402	0.390	0.399	0.404	0.409	0.413	0.399	0.425	0.414	0.424	0.443	0.396	0.382
Lain-lain/*Others*	0.667	0.665	0.630	0.598	0.570	0.663	0.404	0.414	0.414	0.555	0.393	0.449	0.462	0.546	0.495	0.435	0.433	0.391
Strata																		
Bandar/*Urban*	n.a.	0.541	0.531	0.491	0.468	0.449	0.437	0.428	0.431	0.427	0.432	0.439	0.444	0.427	0.423	0.417	0.391	0.389
Luar bandar/*Rural*	n.a.	0.473	0.540	0.471	0.450	0.427	0.415	0.402	0.414	0.424	0.421	0.405	0.397	0.388	0.407	0.382	0.355	0.364
Negeri/*State*																		
Johor	n.a.	0.439	0.469	0.442	0.404	0.386	0.381	0.423	0.399	0.397	0.386	0.408	0.395	0.368	0.393	0.383	0.324	0.354
Kedah	n.a.	0.523	0.497	0.468	0.476	0.434	0.428	0.433	0.406	0.429	0.409	0.426	0.387	0.392	0.408	0.391	0.365	0.393
Kelantan	n.a.	0.612	0.505	0.438	0.464	0.414	0.407	0.451	0.442	0.442	0.424	0.444	0.416	0.405	0.428	0.410	0.393	0.389
Melaka	n.a.	0.506	0.558	0.472	0.438	0.403	0.396	0.397	0.399	0.371	0.399	0.386	0.352	0.380	0.411	0.355	0.316	0.337
Negeri Sembilan	n.a.	0.465	0.490	0.432	0.422	0.431	0.366	0.406	0.384	0.408	0.392	0.401	0.380	0.385	0.372	0.382	0.361	0.380
Pahang	n.a.	0.445	0.384	0.478	0.416	0.372	0.350	0.369	0.373	0.359	0.332	0.404	0.389	0.380	0.382	0.354	0.360	0.324
Pulau Pinang	n.a.	0.597	0.608	0.492	0.452	0.422	0.406	0.412	0.405	0.398	0.399	0.435	0.398	0.411	0.419	0.370	0.364	0.356
Perak	n.a.	0.452	0.525	0.447	0.428	0.410	0.421	0.399	0.397	0.381	0.387	0.417	0.393	0.399	0.400	0.417	0.366	0.362
Perlis	n.a.	0.425	0.498	0.440	0.459	0.408	0.377	0.415	0.379	0.412	0.394	0.437	0.423	0.454	0.434	0.455	0.346	0.327
Selangor	n.a.	0.507	0.516	0.505	0.481	0.462	0.444	0.446	0.424	0.409	0.394	0.423	0.443	0.418	0.424	0.396	0.379	0.372
Terengganu	n.a.	0.502	0.482	0.458	0.461	0.478	0.459	0.448	0.464	0.466	0.440	0.424	0.443	0.399	0.418	0.426	0.360	0.328
Sabah	n.a.	n.a	n.a	0.490	0.491	0.467	0.459	0.468	0.448	0.454	0.448	0.465	0.477	0.451	0.454	0.427	0.387	0.402
Sarawak	n.a.	n.a	n.a	0.501	0.498	0.465	0.441	0.467	0.440	0.447	0.407	0.445	0.440	0.442	0.448	0.440	0.391	0.386
W.P. Kuala Lumpur	n.a.	n.a	n.a	n.a	0.486	0.465	0.428	0.443	0.423	0.417	0.414	0.448	0.467	0.446	0.374	0.442	0.407	0.378
W.P. Labuan	n.a.	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	0.388	0.387	0.383	0.385	0.398
W.P. Putrajaya	n.a.	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	0.362	0.342	0.305	0.374	0.369

Nota/*Note*:

* Merujuk kepada Semenanjung Malaysia sahaja/*Refers to Peninsular Malaysia only*
** Mulai tahun 1989, data adalah berdasarkan kepada warganegara Malaysia/*Starting 1989, data is based on Malaysian citizens*

Jadual 6.6: Insiden kemiskinan mengikut kumpulan etnik, strata dan negeri, Malaysia, 1970 - 2016

Table 6.6: Incidence of poverty by ethnic group, strata and state, Malaysia, 1970 -2016

(%)

	1970*	1976	1979	1984	1987	1989**	1992	1995	1997	1999	2002	2004	2007	2009	2012	2014	2016
Malaysia	49.3	37.7	37.4	20.7	19.4	16.5	12.4	8.7	6.1	7.5	5.1	5.7	3.6	3.8	1.7	0.6	0.4
Kumpulan etnik/ *Ethnic group*																	
Bumiputera	64.8	46.4*	49.2	28.7	26.6	23.0	17.5	12.2	9.0	10.2	7.3	8.3	5.3	5.3	2.2	0.8	0.5
Cina/*Chinese*	26.0	17.4*	16.5	7.8	7.0	5.4	3.2	2.1	1.1	2.6	1.5	0.6	0.6	0.6	0.3	0.1	0.1
India/*Indians*	39.2	27.3*	19.8	10.1	9.6	7.6	4.5	2.6	1.3	1.9	1.9	2.9	2.6	2.5	1.8	0.6	0.1
Lain-lain/*Others*	44.8	33.8*	28.9	18.8	20.3	22.8	21.7	22.5	13.0	21.7	14.3	6.9	10.1	6.7	1.5	0.9	1.5
Strata																	
Bandar/*Urban*	21.3	15.4	17.5	8.5	8.5	7.1	4.7	3.6	2.1	3.4	2.0	2.5	1.9	1.7	1.0	0.3	0.2
Luar bandar/*Rural*	58.7	45.7	45.8	27.3	24.8	21.1	21.2	14.9	10.9	12.4	11.4	11.9	7.1	8.4	3.4	1.6	1.0
Negeri/*State*																	
Johor	45.7	29.0	18.2	12.2	11.1	10.1	5.6	3.1	1.6	2.5	1.8	2.0	1.5	1.3	0.9	0.0	0.0
Kedah	63.2	61.0	53.8	36.6	31.3	30.0	21.2	12.2	11.5	13.5	10.7	7.0	3.1	5.3	1.7	0.3	0.2
Kelantan	76.1	67.1	55.0	39.2	31.6	29.9	29.5	22.9	19.5	18.7	12.4	10.6	7.2	4.8	2.7	0.9	0.4
Melaka	44.9	32.4	20.4	15.8	11.7	12.4	8.5	5.3	3.6	5.7	2.7	1.8	1.8	0.5	0.1	0.1	0.0
Negeri Sembilan	44.8	33.0	26.3	13.0	21.5	9.5	8.1	4.9	4.5	2.5	2.2	1.4	1.3	0.7	0.5	0.4	0.2
Pahang	43.2	38.9	26.9	15.7	12.3	10.2	6.9	6.8	4.1	5.5	3.8	4.0	1.7	2.1	1.3	0.7	0.2
Pulau Pinang	43.7	32.4	19.7	13.4	12.9	8.9	4.0	4.0	1.6	2.7	1.4	0.3	1.4	1.2	0.6	0.3	0.1
Perak	48.6	43.0	30.5	20.3	19.9	19.3	10.2	9.1	4.5	9.5	7.9	4.9	3.4	3.5	1.5	0.7	0.2
Perlis	73.9	59.8	63.1	33.7	29.1	17.2	19.8	11.8	10.6	13.3	10.1	6.3	6.8	6.0	1.9	0.2	0.1
Selangor	29.2	22.9	14.5	8.6	8.9	7.8	4.3	2.2	1.3	2.0	1.1	1.0	0.7	0.7	0.4	0.2	0.0
Terengganu	68.9	60.3	53.1	28.9	36.1	31.2	25.6	23.4	17.3	14.9	10.7	15.4	6.4	4.0	1.7	0.6	0.4
Sabah	n.a	58.3	40.7	33.1	35.3	29.7	27.8	22.6	22.1	20.1	16.0	24.2	16.4	19.7	8.1	4.0	2.9
Sarawak	n.a	56.5	47.8	31.9	24.7	21.0	19.2	10.0	7.5	6.7	5.8	7.5	4.2	5.3	2.4	0.9	0.6
W.P. Kuala Lumpur	n.a	n.a	n.a	4.9	5.2	3.8	1.7	0.5	0.1	2.3	0.5	1.5	1.5	0.7	0.8	0.1	0.0
W.P. Labuan	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	2.7	4.2	4.3	1.1	1.1	0.0
W.P. Putrajaya	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	0.0	0.0	0.0	0.0	0.0

Nota/*Note* :

* **Merujuk kepada Semenanjung Malaysia sahaja/***Refers to Peninsular Malaysia only*

** **Mulai tahun 1989, data adalah berdasarkan kepada warganegara Malaysia/***Starting 1989, data is based on Malaysian citizens*

- **Tiada kes/***No cases*

Jadual 6.7: Insiden kemiskinan tegar mengikut kumpulan etnik, strata dan negeri, Malaysia, 1984-2012
Table 6.7: Incidence of hardcore poverty by ethnic group, strata and state, Malaysia, 1984-2012

(%)

	1984	1987	1989*	1992	1995	1997	1999	2002	2004	2007	2009	2012
Malaysia	6.9	5.1	3.9	2.9	2.0	1.4	1.4	1.0	1.2	0.7	0.7	0.2
Kumpulan etnik/ *Ethnic group*												
Bumiputera	9.9	7.4	5.8	4.4	3.2	2.2	2.1	1.5	1.9	1.1	1.1	0.3
Cina/*Chinese*	2.2	1.4	0.8	0.4	0.3	0.1	0.2	0.2	0.1	0.1	0.1	0.0
India/*Indians*	1.9	1.8	1.2	0.5	0.3	0.2	0.2	0.2	0.3	0.3	0.3	0.2
Lain-lain/*Others*	7.1	5.2	3.4	3.2	2.8	0.9	2.9	1.8	1.2	2.2	1.3	0.0
Strata												
Bandar/*Urban*	2.4	1.9	1.3	1.0	0.9	0.4	0.5	0.4	0.4	0.3	0.2	0.1
Luar bandar/*Rural*	9.3	6.7	5.2	5.1	3.6	2.5	2.4	2.3	2.9	1.4	1.8	0.6
Negeri/*State*												
Johor	3.1	2.6	1.5	1.1	0.5	0.3	0.4	0.2	0.3	0.2	0.1	0.1
Kedah	13.5	9.8	8.4	5.4	3.7	3.9	3.1	3.0	1.3	0.3	0.8	0.1
Kelantan	15.5	7.6	7.2	8.7	7.4	5.7	4.3	3.6	1.3	1.5	1.0	0.3
Melaka	5.5	3.8	3.8	1.8	1.6	0.6	1.5	0.1	0.2	0.2	0.1	0.0
Negeri Sembilan	3.7	5.5	2.2	1.8	1.0	1.2	0.5	0.3	0.2	0.1	0.1	0.1
Pahang	5.4	2.4	2.1	1.1	1.2	0.8	0.4	0.1	1.0	0.4	0.3	0.2
Pulau Pinang	4.1	4.0	2.1	1.1	0.7	0.2	0.3	0.3	0.0	0.1	0.1	0.0
Perak	6.7	5.8	4.9	1.9	1.9	0.9	1.4	1.3	1.1	0.7	0.5	0.2
Perlis	11.7	7.4	3.2	4.1	2.7	2.6	2.8	1.8	1.7	1.4	0.8	0.5
Selangor	2.5	1.9	1.1	0.6	0.5	0.3	0.2	0.2	0.0	0.1	0.1	0.0
Terengganu	11.6	15.1	10.4	9.2	7.5	5.0	4.9	2.8	4.4	0.8	0.5	0.2
Sabah	9.7	8.7	9.3	6.8	4.9	2.0	3.4	3.1	6.9	3.8	4.8	1.6
Sarawak	10.0	4.4	3.3	3.0	1.3	0.7	0.7	0.6	1.1	0.7	1.0	0.3
W.P. Kuala Lumpur	1.4	1.0	0.5	0.3	0.0	0.1	0.0	0.0	0.2	0.1	0.1	0.1
W.P. Labuan	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	0.2	0.1	0.7	0.0
W.P. Putrajaya	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	0.0	0.0	0.0

Nota/*Note* :

* **Merujuk kepada Semenanjung Malaysia sahaja/***Refers to Peninsular Malaysia only*

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- **Tiada kes/***No cases*

7 RALAT PIAWAI RELATIF
Relative Standard Error
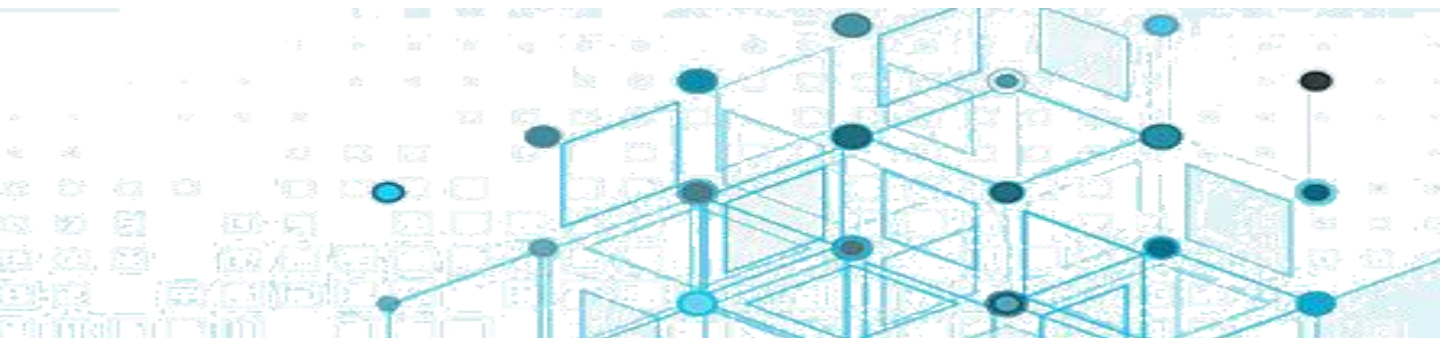
Jadual 7.1: Ralat piawai relatif bagi anggaran pendapatan isi rumah bulanan purata mengikut kumpulan etnik dan strata, Malaysia, 2016
Table 7.1: Relative standard error of estimate for mean monthly household income by ethnic group and strata, Malaysia, 2016

Kumpulan etnik *Ethnic group*	Pendapatan isi rumah bulanan purata *Mean monthly household income* **(RM)**	Ralat piawai bagi anggaran *Standard error of estimate*		Julat pendapatan purata pada 95% selang keyakinan *Range of average income at 95% confidence interval* **(RM)**		
		Nilai relatif *Relative value* **(%)**	Ralat piawai *Standard error* **(RM)**			
Jumlah/*Total*						
Jumlah/*Total*	**6,958**	**0.4**	**30**	**6,898**	**-**	**7,017**
Bumiputera	6,267	0.5	31	6,206	-	6,328
Cina/*Chinese*	8,750	0.9	80	8,593	-	8,907
India/*Indians*	7,150	1.3	93	6,968	-	7,333
Lain-lain/*Others*	4,951	2.9	144	4,668	-	5,234
Bandar/*Urban*						
Jumlah/*Total*	**7,671**	**0.5**	**37**	**7,598**	**-**	**7,744**
Bumiputera	7,095	0.6	42	7,013	-	7,176
Cina/*Chinese*	8,986	0.9	85	8,819	-	9,152
India/*Indians*	7,321	1.3	98	7,128	-	7,513
Lain-lain/*Others*	5,402	3.8	206	4,997	-	5,806
Luar bandar/*Rural*						
Jumlah/*Total*	**4,359**	**0.6**	**26**	**4,307**	**-**	**4,411**
Bumiputera	4,267	0.6	27	4,214	-	4,320
Cina/*Chinese*	5,408	2.5	137	5,139	-	5,677
India/*Indians*	4,545	3.0	138	4,274	-	4,815
Lain-lain/*Others*	4,101	3.2	131	3,843	-	4,358

Jadual 7.2: Ralat piawai relatif bagi anggaran pendapatan isi rumah bulanan purata mengikut negeri dan strata, Malaysia, 2016

Table 7.2: Relative standard error of estimate for mean monthly household income by state and strata, Malaysia, 2016

Negeri *State*	Pendapatan isi rumah bulanan purata *Mean monthly household income* (RM)	Jumlah/*Total*		Julat pendapatan purata pada 95% selang keyakinan *Range of average income at 95% confidence interval* (RM)	
		Ralat piawai bagi anggaran *Standard error of estimate*			
		Nilai relatif *Relative value* (%)	Ralat piawai *Standard error* (RM)		
Malaysia	**6,958**	**0.4**	**30**	**6,898**	**-**	**7,017**
Johor	6,928	1.1	76	6,778 - 7,077	
Kedah	4,971	1.3	64	4,847 - 5,096	
Kelantan	4,214	1.2	51	4,114 - 4,315	
Melaka	6,849	1.4	98	6,656 - 7,041	
Negeri Sembilan	5,887	1.7	99	5,692 - 6,081	
Pahang	5,012	1.1	55	4,905 - 5,119	
Pulau Pinang	6,771	1.3	85	6,604 - 6,938	
Perak	5,065	1.1	57	4,953 - 5,177	
Perlis	4,998	1.7	86	4,830 - 5,166	
Selangor	9,463	1.0	94	9,278 - 9,648	
Terengganu	5,776	1.1	62	5,655 - 5,898	
Sabah	5,354	0.9	49	5,259 - 5,450	
Sarawak	5,387	0.8	42	5,305 - 5,469	
W.P. Kuala Lumpur	11,692	1.6	189	11,321 - 12,063	
W.P. Labuan	8,174	3.5	287	7,612 - 8,737	
W.P. Putrajaya	11,555	3.9	445	10,682 - 12,428	

Jadual 7.2: Ralat piawai relatif bagi anggaran pendapatan isi rumah bulanan purata mengikut negeri dan strata, Malaysia, 2016 (samb.)
Table   7.2: Relative standard error of estimate for mean monthly household income by state and strata, Malaysia, 2016 (cont'd)

Negeri *State*	Pendapatan isi rumah bulanan purata *Mean monthly household income* **(RM)**	Bandar/*Urban*		Julat pendapatan purata pada 95% selang keyakinan *Range of average income at 95% confidence interval* **(RM)**	
		Ralat piawai bagi anggaran *Standard error of estimate*			
		Nilai relatif *Relative value* **(%)**	Ralat piawai *Standard error* **(RM)**		
Malaysia	**7,671**	**0.5**	**37**	**7,598** -	**7,744**
Johor	7,373	1.3	93	7,190 -	7,556
Kedah	5,376	1.5	80	5,219 -	5,533
Kelantan	4,862	1.7	83	4,698 -	5,026
Melaka	6,904	1.5	103	6,701 -	7,106
Negeri Sembilan	6,346	2.0	129	6,093 -	6,599
Pahang	5,608	1.4	80	5,451 -	5,764
Pulau Pinang	6,848	1.3	89	6,673 -	7,023
Perak	5,403	1.3	70	5,266 -	5,541
Perlis	5,155	2.4	121	4,917 -	5,393
Selangor	9,671	1.0	99	9,476 -	9,866
Terengganu	6,272	1.4	85	6,105 -	6,440
Sabah	6,095	1.1	69	5,959 -	6,231
Sarawak	6,548	0.9	62	6,427 -	6,669
W.P. Kuala Lumpur	11,692	1.6	189	11,321 -	12,063
W.P. Labuan	8,312	3.8	316	7,692 -	8,932
W.P. Putrajaya	11,555	3.9	445	10,682 -	12,428

Jadual 7.2: Ralat piawai relatif bagi anggaran pendapatan isi rumah bulanan purata mengikut negeri dan strata, Malaysia, 2016 (samb.)

Table 7.2: Relative standard error of estimate for mean monthly household income by state and strata, Malaysia, 2016 (cont'd)

Negeri *State*	Luar bandar/*Rural*					
	Pendapatan isi rumah bulanan purata *Mean monthly household income* **(RM)**	Ralat piawai bagi anggaran *Standard error of estimate*		Julat pendapatan purata pada 95% selang keyakinan *Range of average income at 95% confidence interval* **(RM)**		
		Nilai relatif *Relative value* **(%)**	Ralat piawai *Standard error* **(RM)**			
Malaysia	**4,359**	**0.6**	**26**	**4,307**	**-**	**4,411**
Johor	5,359	1.8	95	5,172	-	5,546
Kedah	3,999	2.4	95	3,814	-	4,185
Kelantan	3,567	1.6	57	3,455	-	3,678
Melaka	6,069	4.3	259	5,563	-	6,576
Negeri Sembilan	4,650	2.2	103	4,448	-	4,853
Pahang	4,132	1.5	60	4,014	-	4,249
Pulau Pinang	5,337	3.2	171	5,001	-	5,673
Perak	3,873	1.7	65	3,745	-	4,000
Perlis	4,736	2.2	105	4,530	-	4,941
Selangor	6,357	3.5	221	5,924	-	6,790
Terengganu	4,821	1.5	70	4,683	-	4,959
Sabah	4,068	1.2	51	3,969	-	4,167
Sarawak	3,695	1.0	39	3,620	-	3,771
W.P. Kuala Lumpur	n.a	n.a	n.a	n.a	-	n.a
W.P. Labuan	7,044	6.9	488	6,088	-	8,000
W.P. Putrajaya	n.a	n.a	n.a	n.a	-	n.a

Jadual 7.3: Ralat piawai relatif bagi anggaran pendapatan isi rumah bulanan purata mengikut kumpulan umur dan strata, Malaysia, 2016
Table 7.3: Relative standard error of estimate for mean monthly household income by age group and strata, Malaysia, 2016

| Kumpulan umur
Age group | Pendapatan
isi rumah
bulanan purata
*Mean monthly
household
income*
(RM) | Ralat piawai bagi anggaran
Standard error of estimate | | Julat pendapatan
purata pada 95%
selang keyakinan
*Range of average
income at 95%
confidence interval*
(RM) | |
		Nilai relatif *Relative value* **(%)**	Ralat piawai *Standard error* **(RM)**		
Jumlah/*Total*					
Jumlah/*Total*	**6,958**	**0.4**	**30**	**6,898** -	**7,017**
15 – 24	4,433	1.7	77	4,282 -	4,585
25 – 29	5,958	1.1	66	5,828 -	6,088
30 – 34	6,685	0.9	60	6,567 -	6,803
35 – 39	7,455	1.0	72	7,313 -	7,597
40 – 44	7,416	1.0	78	7,264 -	7,569
45 – 64	7,650	0.7	55	7,543 -	7,758
65 dan lebih *65 and over*	4,435	1.7	77	4,284 -	4,586
Bandar/*Urban*					
Jumlah/*Total*	**7,671**	**0.5**	**37**	**7,598** -	**7,744**
15 – 24	4,677	2.0	92	4,497 -	4,856
25 – 29	6,274	1.2	76	6,124 -	6,423
30 – 34	7,086	1.0	69	6,951 -	7,221
35 – 39	7,984	1.0	83	7,821 -	8,147
40 – 44	8,107	1.1	92	7,927 -	8,288
45 – 64	8,565	0.8	69	8,429 -	8,700
65 dan lebih *65 and over*	5,077	2.2	111	4,858 -	5,295
Luar bandar/*Rural*					
Jumlah/*Total*	**4,359**	**0.6**	**26**	**4,307** -	**4,411**
15 – 24	3,389	2.5	84	3,224 -	3,554
25 – 29	4,358	2.1	92	4,177 -	4,539
30 – 34	4,614	1.9	86	4,446 -	4,782
35 – 39	4,644	1.7	81	4,486 -	4,802
40 – 44	4,467	1.6	73	4,323 -	4,610
45 – 64	4,675	0.9	43	4,591 -	4,759
65 dan lebih *65 and over*	3,159	1.6	49	3,063 -	3,256

Jadual 7.4: Ralat piawai relatif bagi anggaran pendapatan isi rumah bulanan purata mengikut pekerjaan dan strata, Malaysia, 2016
Table 7.4: Relative standard error of estimate for mean monthly household income by occupation and strata, Malaysia, 2016

Pekerjaan *Occupation*	Jumlah/*Total*				
	Pendapatan isi rumah bulanan purata *Mean monthly household income* **(RM)**	Ralat piawai bagi anggaran *Standard error of estimate*		Julat pendapatan purata pada 95% selang keyakinan *Range of average income at 95% confidence interval* **(RM)**	
		Nilai relatif *Relative value* **(%)**	Ralat piawai *Standard error* **(RM)**		
Jumlah/*Total*	**6,958**	**0.4**	**30**	**6,898** -	**7,017**
Pengurus *Managers*	15,272	1.7	255	14,771 -	15,773
Profesional *Professionals*	11,470	0.8	92	11,289 -	11,651
Juruteknik dan profesional bersekutu *Technician and associate professionals*	7,829	0.7	58	7,716 -	7,942
Pekerja sokongan perkeranian *Clerical support workers*	6,301	1.0	63	6,177 -	6,425
Pekerja perkhidmatan dan jualan *Service and sales workers*	5,558	0.8	42	5,477 -	5,640
Pekerja mahir pertanian, perhutanan dan perikanan *Skilled agricultural, forestry and fishery workers*	3,949	0.9	35	3,880 -	4,018
Pekerja kemahiran dan pekerja pertukangan yang berkaitan *Craft and related trades workers*	5,504	1.1	63	5,381 -	5,628
Operator loji dan mesin serta pemasang *Plant and machine-operators and assemblers*	5,373	0.7	38	5,298 -	5,447
Pekerjaan asas *Elementary occupations*	4,133	0.9	38	4,059 -	4,207
Pekerjaan yang tidak dikelaskan di mana-mana *Occupation not elsewhere classified*	3,496	1.1	38	3,421 -	3,570

Nota/*Note* :
Klasifikasi pekerjaan berdasarkan Piawaian Pengelasan Pekerjaan Malaysia (MASCO) 2013
Occupation classificatian is based on Malaysia Standard Classification of Occupations (MASCO) 2013

Pekerjaan *Occupation*	Bandar/*Urban*				
	Pendapatan isi rumah bulanan purata *Mean monthly household income* (RM)	Ralat piawai bagi anggaran *Standard error of estimate*		Julat pendapatan purata pada 95% selang keyakinan *Range of average income at 95% confidence interval* (RM)	
		Nilai relatif *Relative value* (%)	Ralat piawai *Standard error* (RM)		
Jumlah/*Total*	**7,671**	**0.5**	**37**	**7,598** -	**7,744**
Pengurus *Managers*	15,865	1.7	276	15,325 -	16,405
Profesional *Professionals*	11,765	0.9	101	11,567 -	11,962
Juruteknik dan profesional bersekutu *Technician and associate professionals*	8,023	0.8	62	7,900 -	8,145
Pekerja sokongan perkeranian *Clerical support workers*	6,427	1.1	70	6,290 -	6,563
Pekerja perkhidmatan dan jualan *Service and sales workers*	5,858	0.8	49	5,761 -	5,955
Pekerja mahir pertanian, perhutanan dan perikanan *Skilled agricultural, forestry and fishery workers*	4,889	2.0	98	4,696 -	5,081
Pekerja kemahiran dan pekerja pertukangan yang berkaitan *Craft and related trades workers*	5,908	1.3	76	5,758 -	6,057
Operator loji dan mesin serta pemasang *Plant and machine-operators and assemblers*	5,600	0.8	45	5,512 -	5,687
Pekerjaan asas *Elementary occupations*	4,648	1.1	52	4,545 -	4,751
Pekerjaan yang tidak dikelaskan di mana-mana *Occupation not elsewhere classified*	3,779	1.2	46	3,689 -	3,869

Nota/*Note* :

Klasifikasi pekerjaan berdasarkan Piawaian Pengelasan Pekerjaan Malaysia (MASCO) 2013

Occupation classificatian is based on Malaysia Standard Classification of Occupations (MASCO) 2013

Jadual 7.4: Ralat piawai relatif bagi anggaran pendapatan isi rumah bulanan purata mengikut pekerjaan dan strata, Malaysia, 2016 (samb.)
Table 7.4: Relative standard error of estimate for mean monthly household income by occupation and strata, Malaysia, 2016 (cont'd)

Pekerjaan *Occupation*	Luar bandar/*Rural*					
	Pendapatan isi rumah bulanan purata *Mean monthly household income* **(RM)**	Ralat piawai bagi anggaran *Standard error of estimate*		Julat pendapatan purata pada 95% selang keyakinan *Range of average income at 95% confidence interval* **(RM)**		
		Nilai relatif *Relative value* **(%)**	Ralat piawai *Standard error* **(RM)**			
Jumlah/*Total*	**4,359**	**0.6**	**26**	**4,307**	**-**	**4,411**
Pengurus *Managers*	9,151	4.7	427	8,314	-	9,988
Profesional *Professionals*	8,864	1.8	155	8,559	-	9,168
Juruteknik dan profesional bersekutu *Technician and associate professionals*	5,913	1.5	91	5,734	-	6,091
Pekerja sokongan perkeranian *Clerical support workers*	5,437	2.4	132	5,177	-	5,696
Pekerja perkhidmatan dan jualan *Service and sales workers*	4,315	1.3	55	4,208	-	4,422
Pekerja mahir pertanian, perhutanan dan perikanan *Skilled agricultural, forestry and fishery workers*	3,637	0.9	32	3,574	-	3,700
Pekerja kemahiran dan pekerja pertukangan yang berkaitan *Craft and related trades workers*	3,931	1.7	65	3,803	-	4,059
Operator loji dan mesin serta pemasang *Plant and machine-operators and assemblers*	4,410	1.2	53	4,306	-	4,514
Pekerjaan asas *Elementary occupations*	3,330	1.4	46	3,240	-	3,421
Pekerjaan yang tidak dikelaskan di mana-mana *Occupation not elsewhere classified*	2,512	1.9	47	2,419	-	2,605

Nota/*Note* :

Klasifikasi pekerjaan berdasarkan Piawaian Pengelasan Pekerjaan Malaysia (MASCO) 2013
Occupation classificatian is based on Malaysia Standard Classification of Occupations (MASCO) 2013

Jadual 7.5: Ralat piawai relatif bagi anggaran pendapatan isi rumah bulanan purata mengikut industri dan strata, Malaysia, 2016
Table 7.5: Relative standard error of estimate for mean monthly household income by industry and strata, Malaysia, 2016

Industri *Industry*	Jumlah/*Total*					
	Pendapatan isi rumah bulanan purata *Mean monthly household income* **(RM)**	Ralat piawai bagi anggaran *Standard error of estimate*		Julat pendapatan purata pada 95% selang keyakinan *Range of average income at 95% confidence interval* **(RM)**		
		Nilai relatif *Relative value* **(%)**	Ralat piawai *Standard error* **(RM)**			
Jumlah/*Total*	**6,958**	**0.4**	**30**	**6,898**	**-**	**7,017**
Pertanian, perhutanan dan perikanan *Agriculture, forestry and fishing*	4,077	1.0	40	3,998	-	4,157
Perlombongan dan pengkuarian *Mining and quarrying*	11,708	4.8	557	10,616	-	12,801
Pembuatan *Manufacturing*	7,110	1.0	71	6,971	-	7,249
Bekalan elektrik, gas, wap dan pendingin udara *Electricity, gas, steam and air conditioning supply*	8,819	4.5	399	8,037	-	9,601
Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan *Water supply; sewerage, waste management and remediation activities*	6,108	4.1	251	5,615	-	6,600
Pembinaan *Construction*	7,486	1.5	114	7,263	-	7,710
Perdagangan borong dan runcit; pembaikan kenderaan bermotor dan motosikal *Wholesale and retail trade; repair of motor vehicles and motorcycles*	7,376	1.3	97	7,186	-	7,567
Pengangkutan dan penyimpanan *Transportation and storage*	6,686	1.5	103	6,485	-	6,888
Penginapan dan aktiviti perkhidmatan makanan dan minuman *Accommodation and food and beverages service activities*	6,510	1.9	123	6,268	-	6,752
Maklumat dan komunikasi *Information and communication*	11,859	2.6	312	11,247	-	12,472
Aktiviti kewangan dan insurans/takaful *Financial and insurance/takaful activities*	11,633	2.4	274	11,096	-	12,169

Nota/*Note*:
Klasifikasi industri berdasarkan Piawaian Klasifikasi Industri Malaysia (MSIC) 2008
Industry classificatian is based on Malaysia Standard Industrial Classification (MSIC) 2008

Industri *Industry*	Jumlah/*Total*			
	Pendapatan isi rumah bulanan purata *Mean monthly household income* **(RM)**	Ralat piawai bagi anggaran *Standard error of estimate*		Julat pendapatan purata pada 95% selang keyakinan *Range of average income at 95% confidence interval* **(RM)**
		Nilai relatif *Relative value* **(%)**	Ralat piawai *Standard error* **(RM)**	
Aktiviti hartanah *Real estate activities*	13,491	6.2	833	11,859 - 15,123
Aktiviti profesional, saintifik dan teknikal *Professional, scientific and technical activities*	11,814	2.7	320	11,186 - 12,442
Aktiviti pentadbiran dan khidmat sokongan *Administrative and support service activities*	5,541	1.8	97	5,350 - 5,732
Pentadbiran awam dan pertahanan; aktiviti keselamatan sosial wajib *Public administration and defence; compulsory social security*	7,618	1.2	95	7,431 - 7,804
Pendidikan *Education*	9,481	1.0	97	9,290 - 9,671
Aktiviti kesihatan kemanusiaan dan kerja sosial *Human health and social work activities*	8,130	2.6	211	7,715 - 8,544
Kesenian, hiburan dan rekreasi *Arts, entertainment and recreation*	7,442	5.7	424	6,610 - 8,274
Aktiviti perkhidmatan lain *Other service activities*	6,365	2.7	174	6,025 - 6,705
Aktiviti isi rumah sebagai majikan, aktiviti mengeluarkan barangan dan perkhidmatan yang tidak dapat dibezakan oleh isi rumah untuk kegunaan sendiri *Activities of households as employers; undifferentiated goods and services producing activities of households for own use*	3,509	6.1	215	3,088 - 3,929
Organisasi dan badan di luar wilayah *Extra-territorial organisations and bodies*	8,429	16.5	1,394	5,696 - 11,162
Industri yang tidak dikelaskan di mana-mana *Industry not elsewhere classified*	3,496	1.1	38	3,421 - 3,570

Nota/*Note*:
Klasifikasi industri berdasarkan Piawaian Klasifikasi Industri Malaysia (MSIC) 2008
Industry classificatian is based on Malaysia Standard Industrial Classification (MSIC) 2008

Industri *Industry*	Bandar/*Urban*					
	Pendapatan isi rumah bulanan purata *Mean monthly household income* **(RM)**	Ralat piawai bagi anggaran *Standard error of estimate*		Julat pendapatan purata pada 95% selang keyakinan *Range of average income at 95% confidence interval* **(RM)**		
		Nilai relatif *Relative value* **(%)**	Ralat piawai *Standard error* **(RM)**			
Jumlah/*Total*	**7,671**	**0.5**	**37**	**7,598**	**-**	**7,744**
Pertanian, perhutanan dan perikanan *Agriculture, forestry and fishing*	5,441	2.3	123	5,201	-	5,681
Perlombongan dan pengkuarian *Mining and quarrying*	12,747	5.0	636	11,501	-	13,993
Pembuatan *Manufacturing*	7,455	1.1	79	7,299	-	7,610
Bekalan elektrik, gas, wap dan pendingin udara *Electricity, gas, steam and air conditioning supply*	9,213	4.9	454	8,322	-	10,103
Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan *Water supply; sewerage, waste management and remediation activities*	6,429	4.5	292	5,858	-	7,001
Pembinaan *Construction*	8,267	1.7	137	7,999	-	8,535
Perdagangan borong dan runcit; pembaikan kenderaan bermotor dan motosikal *Wholesale and retail trade; repair of motor vehicles and motorcycles*	7,815	1.4	111	7,598	-	8,033
Pengangkutan dan penyimpanan *Transportation and storage*	6,966	1.7	116	6,739	-	7,194
Penginapan dan aktiviti perkhidmatan makanan dan minuman *Accommodation and food and beverages service activities*	6,893	2.1	145	6,609	-	7,177
Maklumat dan komunikasi *Information and communication*	11,949	2.7	321	11,321	-	12,578
Aktiviti kewangan dan insurans/takaful *Financial and insurance/takaful activities*	11,769	2.4	281	11,219	-	12,319

Nota/*Note* :
Klasifikasi industri berdasarkan Piawaian Klasifikasi Industri Malaysia (MSIC) 2008
Industry classificatian is based on Malaysia Standard Industrial Classification (MSIC) 2008

Jadual 7.5: Ralat piawai relatif bagi anggaran pendapatan isi rumah bulanan purata mengikut industri dan strata, Malaysia, 2016 (samb.)
Table 7.5: Relative standard error of estimate for mean monthly household income by industry and strata, Malaysia, 2016 (cont'd)

| Industri *Industry*	Bandar/*Urban*			
	Pendapatan isi rumah bulanan purata *Mean monthly household income* **(RM)**	Ralat piawai bagi anggaran *Standard error of estimate*		Julat pendapatan purata pada 95% selang keyakinan *Range of average income at 95% confidence interval* **(RM)**
		Nilai relatif *Relative value* **(%)**	Ralat piawai *Standard error* **(RM)**	
Aktiviti hartanah *Real estate activities*	13,758	6.3	860	12,073 - 15,444
Aktiviti profesional, saintifik dan teknikal *Professional, scientific and technical activities*	12,039	2.8	334	11,385 - 12,694
Aktiviti pentadbiran dan khidmat sokongan *Administrative and support service activities*	6,118	2.0	123	5,876 - 6,360
Pentadbiran awam dan pertahanan; aktiviti keselamatan sosial wajib *Public administration and defence; compulsory social security*	7,916	1.4	108	7,704 - 8,127
Pendidikan *Education*	9,838	1.2	118	9,607 - 10,069
Aktiviti kesihatan kemanusiaan dan kerja sosial *Human health and social work activities*	8,663	2.8	245	8,182 - 9,144
Kesenian, hiburan dan rekreasi *Arts, entertainment and recreation*	7,796	6.1	476	6,863 - 8,729
Aktiviti perkhidmatan lain *Other service activities*	6,635	2.9	192	6,258 - 7,012
Aktiviti isi rumah sebagai majikan, aktiviti mengeluarkan barangan dan perkhidmatan yang tidak dapat dibezakan oleh isi rumah untuk kegunaan sendiri *Activities of households as employers; undifferentiated goods and services producing activities of households for own use*	3,791	7.0	266	3,269 - 4,313
Organisasi dan badan di luar wilayah *Extra-territorial organisations and bodies*	8,828	17.4	1,537	5,815 - 11,841
Industri yang tidak dikelaskan di mana-mana *Industry not elsewhere classified*	3,779	1.2	46	3,689 - 3,869

Nota/*Note*:
Klasifikasi industri berdasarkan Piawaian Klasifikasi Industri Malaysia (MSIC) 2008
Industry classificatian is based on Malaysia Standard Industrial Classification (MSIC) 2008

Jadual 7.5: Ralat piawai relatif bagi anggaran pendapatan isi rumah bulanan purata mengikut industri dan strata, Malaysia, 2016 (samb.)

Table 7.5: Relative standard error of estimate for mean monthly household income by industry and strata, Malaysia, 2016 (cont'd)

Industri *Industry*	Luar bandar/*Rural*					
	Pendapatan isi rumah bulanan purata *Mean monthly household income* **(RM)**	Ralat piawai bagi anggaran *Standard error of estimate*		Julat pendapatan purata pada 95% selang keyakinan *Range of average income at 95% confidence interval* **(RM)**		
		Nilai relatif *Relative value* **(%)**	Ralat piawai *Standard error* **(RM)**			
Jumlah/*Total*	**4,359**	**0.6**	**26**	**4,307**	**-**	**4,411**
Pertanian, perhutanan dan perikanan *Agriculture, forestry and fishing*	3,612	0.9	32	3,550	-	3,674
Perlombongan dan pengkuarian *Mining and quarrying*	5,416	4.3	230	4,964	-	5,868
Pembuatan *Manufacturing*	4,806	1.9	93	4,624	-	4,988
Bekalan elektrik, gas, wap dan pendingin udara *Electricity, gas, steam and air conditioning supply*	6,344	6.3	397	5,565	-	7,123
Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan *Water supply; sewerage, waste management and remediation activities*	4,394	5.6	248	3,907	-	4,880
Pembinaan *Construction*	4,187	1.9	81	4,028	-	4,347
Perdagangan borong dan runcit; pembaikan kenderaan bermotor dan motosikal *Wholesale and retail trade; repair of motor vehicles and motorcycles*	4,639	1.8	85	4,472	-	4,805
Pengangkutan dan penyimpanan *Transportation and storage*	4,938	2.9	145	4,654	-	5,221
Penginapan dan aktiviti perkhidmatan makanan dan minuman *Accommodation and food and beverages service activities*	4,566	2.4	111	4,348	-	4,784
Maklumat dan komunikasi *Information and communication*	9,406	13.0	1,222	7,011	-	11,801
Aktiviti kewangan dan insurans/takaful *Financial and insurance/takaful activities*	7,831	13.5	1,059	5,756	-	9,906

Nota/*Note*:

Klasifikasi industri berdasarkan Piawaian Klasifikasi Industri Malaysia (MSIC) 2008

Industry classificatian is based on Malaysia Standard Industrial Classification (MSIC) 2008

Industri *Industry*	Luar bandar/*Rural*			
	Pendapatan isi rumah bulanan purata *Mean monthly household income* (RM)	Ralat piawai bagi anggaran *Standard error of estimate*		Julat pendapatan purata pada 95% selang keyakinan *Range of average income at 95% confidence interval* (RM)
		Nilai relatif *Relative value* (%)	Ralat piawai *Standard error* (RM)	
Aktiviti hartanah *Real estate activities*	6,432	14.9	961	4,548 - 8,316
Aktiviti profesional, saintifik dan teknikal *Professional, scientific and technical activities*	7,428	9.5	706	6,046 - 8,811
Aktiviti pentadbiran dan khidmat sokongan *Administrative and support service activities*	3,770	2.1	80	3,614 - 3,926
Pentadbiran awam dan pertahanan; aktiviti keselamatan sosial wajib *Public administration and defence; compulsory social security*	6,169	3.0	184	5,808 - 6,529
Pendidikan *Education*	8,169	1.6	128	7,918 - 8,420
Aktiviti kesihatan kemanusiaan dan kerja sosial *Human health and social work activities*	5,184	3.0	157	4,877 - 5,491
Kesenian, hiburan dan rekreasi *Arts, entertainment and recreation*	4,816	6.4	310	4,208 - 5,424
Aktiviti perkhidmatan lain *Other service activities*	4,323	5.1	221	3,891 - 4,756
Aktiviti isi rumah sebagai majikan, aktiviti mengeluarkan barangan dan perkhidmatan yang tidak dapat dibezakan oleh isi rumah untuk kegunaan sendiri *Activities of households as employers; undifferentiated goods and services producing activities of households for own use*	2,514	6.4	160	2,200 - 2,828
Organisasi dan badan di luar wilayah *Extra-territorial organisations and bodies*	5,649	11.8	668	4,339 - 6,959
Industri yang tidak dikelaskan di mana-mana *Industry not elsewhere classified*	2,512	1.9	47	2,419 - 2,605

Nota/*Note***:**
Klasifikasi industri berdasarkan Piawaian Klasifikasi Industri Malaysia (MSIC) 2008
Industry classificatian is based on Malaysia Standard Industrial Classification (MSIC) 2008

NOTA TEKNIKAL
Technical Notes
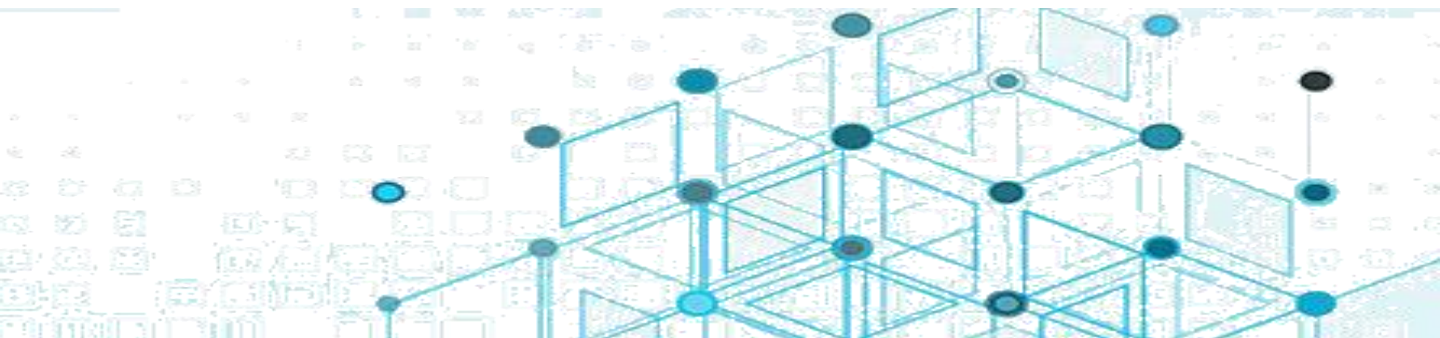
1. Pendahuluan

Statistik yang dikeluarkan dalam laporan ini adalah berdasarkan Penyiasatan Pendapatan Isi Rumah dan Kemudahan Asas (PPIR & KA) 2016 yang dijalankan oleh Jabatan Perangkaan Malaysia (DOSM). Penyiasatan yang dijalankan dua kali dalam tempoh lima tahun ini menyediakan data pendapatan, kemiskinan dan kemudahan asas bagi **isi rumah warganegara** sahaja. Nota teknikal ini merangkumi penerangan yang terperinci bagi membantu pengguna untuk memahami dengan lebih mendalam berkaitan penyiasatan dan laporan PPIR & KA 2016.

2. Objektif penyiasatan

2.1 Objektif utama penyiasatan adalah seperti berikut:
- mengumpul maklumat pola taburan pendapatan isi rumah;
- mendapatkan statistik terkini berkaitan dengan isi rumah miskin; dan
- mengenal pasti capaian kemudahan asas yang dinikmati oleh isi rumah.

2.2 Data daripada penyiasatan ini digunakan terutamanya oleh kerajaan sebagai input dalam pembentukan pelan pembangunan negara dan pemantauan Rancangan Malaysia Kesebelas. Selain daripada itu, data penyiasatan ini juga boleh digunakan oleh ahli ekonomi, ahli akademik, pihak swasta serta individu bagi tujuan penyelidikan dan penganalisisan.

3. Kaedah pengumpulan data

3.1 Pengumpulan data dijalankan dengan menggunakan kaedah temu ramah bersemuka. Pegawai dan anggota DOSM yang terlibat dalam penyiasatan ini diberikan latihan khusus sebagai penemuramah. Mereka akan melawat isi rumah (IR) di tempat kediaman terpilih bagi mengumpul maklumat berkaitan demografi, pendapatan dan kemudahan asas dengan menggunakan borang soal selidik.

3.2 Semakan kualiti data dibuat oleh pegawai berpengalaman dari DOSM Negeri bagi mengesan dan membetulkan sebarang kesilapan atau maklumat yang tertinggal ketika penyiasatan dilaksanakan. Proses semakan semula di lapangan juga dilaksanakan bagi isi rumah terpilih untuk memastikan data yang dipungut adalah berkualiti.

4.   Tempoh rujukan

Maklumat pendapatan isi rumah yang dikumpul adalah bagi tempoh dua belas bulan yang lalu. Sebagai contoh, bagi bulan penyiasatan Disember 2016, maka pendapatan isi rumah yang dikira adalah dari 1 Disember 2015 sehingga 30 November 2016.

5.   Skop dan liputan

5.1   Penyiasatan ini meliputi kawasan bandar dan luar bandar termasuk kawasan pedalaman bagi negeri-negeri di Malaysia **kecuali** penempatan Orang Asli di Semenanjung Malaysia dan Kawasan Keselamatan Khas Pantai Timur Sabah (ESSCOM).

5.2   Liputan penyiasatan ini adalah isi rumah yang tinggal di Tempat Kediaman (TK) persendirian sahaja dan tidak termasuk mereka yang tinggal di tempat kediaman institusi seperti asrama, hotel, hospital, rumah orang tua, penjara dan rumah kebajikan.

5.3   Komponen kemudahan asas yang diliputi adalah pendidikan, kesihatan, perumahan dan peralatan & kemudahan isi rumah. Perincian setiap komponen kemudahan asas adalah seperti berikut:

(i)   Pendidikan
Maklumat yang dikumpul adalah jarak dari tempat kediaman ke institusi pendidikan dan kemudahan perkhidmatan perpustakaan bergerak;

(ii)   Kesihatan
Maklumat yang dikumpul adalah jarak dari tempat kediaman ke institusi kesihatan kerajaan atau swasta dan kemudahan perkhidmatan kesihatan bergerak;

(iii)   Perumahan
Maklumat yang dikumpul adalah seperti jenis pemilikan, keadaan fizikal rumah, jenis bahan binaan untuk dinding luar, kemudahan bekalan air, kemudahan bekalan elektrik dan kemudahan kutipan sampah; dan

(iv)   Peralatan dan kemudahan isi rumah

Maklumat yang dikumpul adalah seperti peralatan dan kemudahan komunikasi yang dimiliki oleh ahli isi rumah untuk kegunaan sendiri seperti kereta, mesin basuh, telefon, langganan Internet di rumah dan sebagainya.

Bagi laporan ini, maklumat terpilih sahaja diterbitkan untuk menggambarkan tahap kemudahan asas yang dinikmati oleh penduduk, khususnya isi rumah miskin.

6.   Konsep dan definisi

6.1   Tempat Kediaman

Tempat kediaman adalah suatu struktur yang dibina berasingan dan bebas yang lazimnya digunakan untuk tempat tinggal. Takrifan perkataan **berasingan** dan **bebas** adalah seperti berikut:

(i)   Berasingan

Struktur dianggap sebagai berasingan jika ia dikelilingi sama ada dinding, pagar atau sebagainya serta ditutupi oleh bumbung.

(ii)   Bebas

Struktur dikatakan bebas apabila ia mempunyai jalan masuk terus dari laluan umum, tempat lalu lintas atau ruang lapang (iaitu penghuni boleh masuk atau keluar dari tempat kediaman mereka tanpa melalui perkarangan orang lain).

6.2   Isi rumah

Isi rumah ditakrifkan sebagai seorang atau sekumpulan orang yang bersaudara atau orang yang tidak bersaudara yang biasanya tinggal bersama dan membuat peruntukan yang sama untuk makanan dan keperluan hidup yang lain.

6.3   Ketua isi rumah

Ketua isi rumah ditakrifkan sebagai seorang ahli biasa sama ada lelaki atau perempuan yang dianggap sebagai ketua oleh ahli isi rumah yang lain. Ketua isi rumah mesti seorang penerima pendapatan dan berumur 15 tahun dan ke atas.

6.4 Pendapatan

Maklumat pendapatan yang terperinci diperoleh daripada ahli isi rumah **yang menerima pendapatan**. Konsep dan definisi pendapatan yang digunakan dalam penyiasatan ini adalah merujuk kepada *Canberra Group Handbook on Household Income Statistics, Second Edition (2011)* yang diterbitkan oleh United Nations. Punca pendapatan adalah merangkumi:

(i)   Pekerjaan Bergaji

Pendapatan Pekerjaan Bergaji boleh diterima dalam bentuk wang tunai atau dalam bentuk barangan dan perkhidmatan. Ini termasuk upah dan gaji untuk masa bekerja dan kerja yang dilakukan; bonus tunai dan ganjaran; komisen dan tips; elaun pengarah; bonus perkongsian keuntungan dan lain-lain bentuk pembayaran keuntungan yang berkaitan dan barangan & perkhidmatan percuma atau subsidi daripada majikan (termasuk makanan percuma/konsesi).

Dari segi konsep, pendapatan pekerja juga termasuk insurans sosial sumbangan daripada majikan, pencaruman majikan kepada KWSP dan bayaran pampasan pemberhentian & penamatan (kecuali bayaran persaraan *one-off* seperti gratuiti bagi pesara, yang dianggap sebagai pindahan modal).

(ii)   Bekerja Sendiri

Pendapatan yang diterima oleh individu hasil daripada Bekerja Sendiri. Pendapatan bersih daripada Bekerja Sendiri termasuk keuntungan atau kerugian yang terakru kepada pemilik atau rakan kongsi atau mereka yang bekerja dalam perusahaan yang tidak diperbadankan. Ia juga termasuk anggaran nilai barangan dan perkhidmatan yang diperoleh melalui pertukaran barang serta barangan atau tanaman/ternakan yang dihasilkan untuk kegunaan sendiri, setelah ditolak kos perbelanjaan.

Asas untuk mengukur pendapatan daripada Bekerja Sendiri dalam statistik pendapatan isi rumah adalah berdasarkan konsep pendapatan bersih, iaitu, nilai output kasar ditolak kos operasi dan selepas pelarasan bagi susut nilai aset yang digunakan dalam pengeluaran. Keuntungan berlaku apabila penerimaan adalah lebih besar daripada perbelanjaan operasi,

manakala kerugian berlaku apabila perbelanjaan operasi adalah lebih besar daripada penerimaan.

(iii) Harta dan Pelaburan

Pendapatan daripada harta dan pelaburan adalah terimaan daripada pemilikan aset, faedah, dividen dan sewa. Perincian adalah seperti berikut:

- Pendapatan daripada harta benda ditakrifkan sebagai pulangan daripada penggunaan atau pelaburan aset yang disediakan kepada orang lain untuk kegunaan mereka. Ia merangkumi pulangan yang biasanya dalam bentuk kewangan, daripada aset kewangan (faedah dan dividen), aset bukan kewangan (sewa) dan royalti;

- Penerimaan faedah ialah bayaran yang diterima daripada akaun bank atau institusi kewangan yang lain, perakuan deposit, bon kerajaan/pinjaman, sekuriti, debentur dan pinjaman kepada ahli-ahli bukan isi rumah;

- Dividen adalah penerimaan daripada pelaburan dalam sebuah syarikat di mana pelabur tidak terlibat dengan aktiviti syarikat. Ini termasuk *silent partner*. Ia juga termasuk pencen dan anuiti dalam bentuk dividen daripada skim insurans swasta;

- Sewa ialah bayaran yang diterima untuk penggunaan aset seperti tanah dan rumah;

- Royalti adalah pendapatan yang diperoleh daripada perkhidmatan bahan dipatenkan atau hak cipta, contohnya seperti hak penulisan, hak cipta bagi gubahan lagu dan lain-lain; dan

- Sewa dinilai bagi rumah sendiri yang diduduki oleh pemiliknya.

(iv) Pindahan Semasa diterima

Pindahan boleh terdiri daripada wang tunai, barangan atau perkhidmatan. Pindahan boleh dibuat antara isi rumah ke isi rumah yang lain, antara

kerajaan dan isi rumah, atau antara isi rumah dan badan-badan amal. Penerimaan boleh daripada dalam atau luar negara. Pindahan Semasa ini adalah bermotivasikan pengagihan semula pendapatan sama ada oleh kerajaan (contoh: bantuan pendidikan, zakat dan Bantuan Rakyat 1Malaysia-BR1M) atau persendirian/swasta (contoh: program bantuan sosial korporat-CSR).

Pindahan Semasa yang diterima secara langsung memberi kesan kepada tahap Pendapatan Kasar dan mempengaruhi penggunaan barangan dan perkhidmatan. Justeru, semua Pindahan Semasa yang diterima dalam bentuk wang tunai dan barangan atau perkhidmatan adalah dianggap sebagai sebahagian daripada pendapatan. Walau bagaimanapun, Pindahan Semasa tersebut tidak meliputi pindahan modal.

6.5 Pendapatan Kasar dan Pendapatan Boleh Guna

Pendapatan Kasar dan Pendapatan Boleh Guna merupakan dua konsep utama pendapatan yang boleh ditakrifkan seperti berikut:

(i)   Pendapatan Kasar

Pendapatan Kasar adalah jumlah pendapatan yang diperoleh oleh isi rumah daripada semua punca pendapatan seperti yang dinyatakan di perkara 6.4.

(ii)   Pendapatan Boleh Guna

Pendapatan Boleh Guna adalah Pendapatan Kasar isi rumah setelah ditolak pindahan semasa yang dibayar seperti cukai langsung, sumbangan kepada isi rumah lain, bayaran zakat dan pindahan semasa lain yang dibayar. Konsep Pendapatan Boleh Guna ini mencerminkan pendapatan sebenar isi rumah terhadap penggunaan semasa dan simpanan.

Bagi tujuan penyiasatan ini, kesan taburan perbelanjaan awam (*collective expenditure*) tidak diambil kira kerana kesukaran untuk menilai faedah yang diperoleh sebagai sebahagian daripada pendapatan isi rumah.

Statistik pendapatan yang dipersembahkan dalam laporan ini menggunapakai konsep **Pendapatan Kasar**.

6.6 Pendapatan isi rumah

Pendapatan isi rumah ialah jumlah pendapatan yang biasanya diterima (terakru) oleh ahli isi rumah, dalam bentuk wang tunai atau barangan yang diterima berulang kali dalam tempoh rujukan penyiasatan (jangka masa setahun atau lebih kerap).

6.7 Penerima pendapatan

Penerima pendapatan merujuk kepada ahli isi rumah yang menerima pendapatan daripada mana-mana punca (seperti perkara 6.4) dalam tempoh rujukan. Satu isi rumah boleh mempunyai lebih daripada seorang penerima pendapatan.

6.8 Kumpulan etnik

Kumpulan etnik warganegara Malaysia dikategorikan seperti berikut:

(i) Bumiputera;

(ii) Cina;

(iii) India; dan

(iv) Lain-lain.

6.9 Sijil tertinggi diperoleh

Merujuk kepada sijil tertinggi diperoleh daripada institusi pendidikan awam atau swasta yang menyediakan pendidikan rasmi. Sijil tertinggi diperoleh dikelaskan mengikut *International Standard Classification of Education* (ISCED):

(i) PMR atau yang setaraf

Merujuk kepada Penilaian Menengah Rendah, Sijil Rendah Pelajaran, *Lower Certificate of Education*, Sijil Rendah Agama, Pentaksiran Tingkatan Tiga atau yang setaraf.

(ii) SPM atau yang setaraf

Merujuk kepada Sijil Pelajaran Malaysia atau yang setaraf (*Senior Cambridge Certificate, GCE O Level* dan Sijil Pelajaran Vokasional Malaysia). Termasuk sijil kemahiran asas yang diperoleh daripada institusi latihan kemahiran khusus dan teknikal yang mana tempoh pengajian adalah sekurang-kurangnya enam bulan seperti sijil GIATMARA.

(iii) **STPM atau yang setaraf**

Merujuk kepada Sijil Tinggi Persekolahan Malaysia, *Higher School Certificate*, atau kelulusan yang setaraf (Sijil Tinggi Agama dan GCE A Level).

(iv) **Sijil**

Merujuk kepada sijil diperoleh daripada kolej, politeknik atau institusi-institusi lain yang menawarkan pendidikan rasmi. Tempoh pensijilan adalah tidak kurang dari enam bulan.

(v) **Diploma**

Merujuk kepada diploma dan sijil setaraf dengannya yang diperoleh daripada universiti, kolej , maktab atau politeknik sebelum peringkat ijazah.

(vi) **Ijazah**

Merujuk kepada ijazah (Ijazah Sarjana Muda, Sarjana atau Doktor Falsafah) yang diperoleh daripada institusi pengajian tinggi awam atau swasta atau yang setaraf.

(vii) **Tiada sijil**

Merujuk kepada mereka yang masih bersekolah atau telah tamat persekolahan tanpa memperoleh sebarang sijil.

6.10 Pekerjaan

Pekerjaan dikelaskan mengikut klasifikasi **Piawaian Pengelasan Pekerjaan Malaysia (MASCO) 2013** yang berasaskan kepada *International Standard Classification of Occupations (ISCO-08)*.

Bagi seseorang yang mempunyai lebih daripada satu pekerjaan, hanya pekerjaan yang mengambil masa yang terbanyak semasa tempoh rujukan dianggap sebagai pekerjaan utamanya. Jika masa bekerja setiap pekerjaan itu sama, maka pekerjaan yang menghasilkan pendapatan yang tertinggi adalah pekerjaan utamanya. Dalam kes di mana tempoh bekerja dan pendapatannya adalah sama bagi setiap pekerjaan, pekerjaan di mana dia telah bekerja paling lama dianggap sebagai pekerjaan utamanya.

6.11 Industri

Industri bagi pekerjaan utama seseorang dikelaskan mengikut **Piawaian Klasifikasi Industri Malaysia (MSIC) 2008** yang berasaskan kepada *International Standard Industrial Classification of All Economic Activities (ISIC) Revision 4.*

6.12 Penentuan Pendapatan Garis Kemiskinan (PGK)

Model pengukuran PGK yang digunapakai di Malaysia telah dikaji secara mendalam pada tahun 2005 oleh Unit Perancang Ekonomi, Jabatan Perdana Menteri dan DOSM dengan kerjasama *United Nations Development Programme (UNDP).* Kaedah *Cost of Basic Needs* yang mengambil kira tiga komponen asas iaitu keperluan makanan, keperluan bukan makanan dan ciri-ciri isi rumah yang berkaitan telah digunakan. Pengukuran PGK ini telah diterbitkan di dalam laporan ***Malaysia Measuring and Monitoring Poverty and Inequality*** oleh UNDP (2007).

(i) PGK Makanan

Bagi keperluan PGK makanan, kumpulan pakar dari Kementerian Kesihatan dan institusi pengajian tinggi telah mengkaji dan menetapkan kadar minimum kalori yang diperlukan oleh seseorang untuk terus hidup sihat dan selesa mengikut jantina, umur dan lokasi TK mereka.

Jumlah keperluan kilo kalori bagi satu isi rumah seramai lima orang ialah sebanyak 8,725 sehari. Keperluan harian kilo kalori bagi setiap individu adalah mengandungi pemakanan seimbang yang terdiri daripada:

- bijirin dan produk bijirin (beras, tepung gandum dan sebagainya);
- ayam, telur dan ikan;
- susu;
- minyak dan lemak;
- gula;
- sayur-sayuran dan buah-buahan; dan
- kekacang.

Keperluan kilo kalori tersebut ditukarkan kepada nilai ringgit mengikut harga runcit semasa setiap kawasan.

(ii)   PGK Bukan Makanan

Bagi penentuan keperluan PGK bukan makanan, kumpulan pakar dari pelbagai agensi berkaitan telah mengkaji dan menetapkan keperluan minimum yang diperlukan oleh seseorang merangkumi pakaian, perumahan, pengangkutan dan keperluan bukan makanan lain mengikut jantina dan umur seseorang.

Komponen PGK Bukan Makanan dikira berasaskan kepada pola perbelanjaan isi rumah berpendapatan rendah yang dikenal pasti melalui Penyiasatan Perbelanjaan Isi Rumah.

Komponen PGK bukan makanan ialah:

- pakaian dan kasut;
- sewa kasar, bahan api dan utiliti;
- perabot, peralatan dan kelengkapan isi rumah (barang tahan lama);
- pengangkutan dan perhubungan; dan
- item bukan makanan lain.

Hasil daripada kajian dan penetapan tersebut (makanan dan bukan makanan), maka penentuan item barangan untuk pengiraan PGK dibuat dan diselaraskan dengan harga semasa berdasarkan Indeks Harga Pengguna (IHP).

PGK yang digunakan sentiasa dikemas kini selaras dengan pelaksanaan PPIR & KA. Ia juga mengambil kira keperluan perancangan negara dan perubahan harga yang berlaku serta perubahan pola kehidupan masyarakat Malaysia.

6.13 Pengiraan PGK

PGK dinilai secara berasingan bagi setiap isi rumah dalam PPIR & KA. Setiap PGK ini mengambil kira perkara-perkara berikut:

(i)   PGK

PGK adalah pendapatan minimum yang diperlukan oleh sesebuah isi rumah bagi memenuhi keperluan asas makanan dan bukan makanan setiap ahlinya untuk membolehkan mereka hidup dalam keadaan sihat dan selesa.

(ii) **Saiz isi rumah dan komposisi demografi**

Isi rumah yang mempunyai bilangan ahli yang ramai memerlukan lebih perbelanjaan untuk makanan dan bukan makanan bagi mencapai taraf hidup yang sihat dan selesa untuk semua ahlinya. Oleh kerana keperluan kalori berbeza di antara jantina dan peringkat umur, maka PGK makanan juga akan berbeza mengikut komposisi demografi isi rumah.

(iii) **Lokasi isi rumah: Negeri dan strata (bandar/luar bandar)**

Harga bagi makanan dan bukan makanan berbeza antara negeri dan antara kawasan bandar dengan luar bandar. Justeru, PGK ini mengambil kira perbezaan harga tersebut.

PGK bagi setiap isi rumah adalah berbeza mengikut lokasi (negeri dan strata), saiz isi rumah dan komposisi demografi.

6.14 Kemiskinan

Konsep kemiskinan yang digunakan adalah mengambil kira PGK makanan dan PGK bukan makanan bagi setiap isi rumah. Sesebuah isi rumah dianggap miskin jika pendapatan mereka kurang daripada nilai PGK yang diperlukan. Ini bermaksud isi rumah tersebut kekurangan sumber pendapatan untuk memenuhi keperluan asas makanan dan bukan makanan bagi setiap ahlinya. Sesebuah isi rumah dianggap miskin tegar jika pendapatannya kurang daripada nilai PGK makanan yang diperlukan.

Jadual 1: Pendapatan Garis Kemiskinan, Malaysia, 2016

Kawasan	Jumlah	Bandar	Luar bandar
	(RM) sebulan		
Semenanjung Malaysia	960	970	880
Sabah/W.P. Labuan	1,180	1,170	1,220
Sarawak	1,020	1,070	940

6.15 Pengiraan kadar kemiskinan

Pengiraan kadar kemiskinan merangkumi kesemua isi rumah yang mempunyai pendapatan kasar bulanan di bawah **Pendapatan Garis Kemiskinan.** Formula pengiraan Kadar Kemiskinan (KK) ialah:

$$KK = \frac{\text{Bilangan isi rumah berpendapatan di bawah PGK}}{\text{Jumlah isi rumah}} \; X \; 100$$

7. Rangka pensampelan

7.1 Rangka yang digunakan bagi pemilihan sampel PPIR & KA 2016 adalah berdasarkan Rangka Pensampelan Isi Rumah yang terdiri daripada blok penghitungan (BP) yang diwujudkan untuk Banci Penduduk dan Perumahan 2010 yang dikemaskini dari semasa ke semasa. BP merupakan suatu kawasan muka bumi yang diwujudkan untuk tujuan pelaksanaan operasi penyiasatan yang secara puratanya mengandungi antara 80 hingga 120 TK. Semua BP dibentuk di dalam lingkungan sempadan yang diwartakan iaitu di dalam daerah pentadbiran, mukim atau kawasan pihak berkuasa tempatan.

7.2 BP dalam rangka pensampelan dikelaskan mengikut kawasan bandar dan luar bandar. Kawasan bandar ditakrif sebagaimana yang telah digunakan dalam Banci Penduduk dan Perumahan 2010. Kawasan bandar ialah kawasan yang diwartakan serta kawasan tepu bina yang bersempadan dengannya dan gabungan kedua-dua kawasan ini mempunyai penduduk seramai 10,000 orang atau lebih semasa Banci Penduduk dan Perumahan 2010. Kawasan selainnya, yang diwartakan dan mempunyai jumlah penduduk kurang daripada 10,000 orang serta kawasan yang tidak diwartakan dikelaskan sebagai kawasan luar bandar.

7.3 Kawasan tepu bina adalah kawasan yang terletak bersebelahan kawasan yang diwartakan dan mempunyai sekurang-kurangnya 60 peratus penduduk (berumur 15 tahun dan lebih) yang terlibat dalam aktiviti bukan pertanian.

7.4 Definisi kawasan bandar juga mengambil kira kawasan pembangunan khusus iaitu kawasan pembangunan yang tidak diwartakan dan boleh dikenalpasti serta terpisah dari kawasan yang diwartakan atau kawasan tepu bina melebihi lima kilometer dan mempunyai penduduk sekurang-kurangnya 10,000 orang dengan 60 peratus penduduk (berumur 15 tahun dan lebih) yang terlibat dalam aktiviti bukan pertanian.

7.5 Pembandaran merupakan proses yang dinamik dan sentiasa berubah mengikut kemajuan dan pembangunan. Oleh itu, kawasan bandar bagi Banci Penduduk dan Perumahan 2000 dan 2010 tidak semestinya merujuk kepada kawasan yang sama kerana kawasan yang memenuhi kriteria bandar akan terus bertambah dan berkembang mengikut masa.

7.6 Klasifikasi kawasan mengikut strata yang digunakan adalah seperti berikut:

Strata	Jumlah penduduk dalam kawasan yang diwartakan, tepu bina dan kawasan pembangunan khusus
(i) Metropolitan	75,000 dan lebih
(ii) Bandar besar	10,000 hingga 74,999
(iii) Bandar kecil	1,000 hingga 9,999
(iv) Luar bandar	Kawasan selebihnya

7.7 Bagi tujuan pensampelan, klasifikasi kawasan seperti di perkara 7.6 adalah digunakan untuk semua negeri serta Wilayah Persekutuan. Bagi Sabah dan Sarawak, memandangkan masalah kesukaran untuk akses ke kawasan pedalaman, strata luar bandar dikembangkan lagi berdasarkan kepada jangka waktu yang diambil untuk sampai ke sesuatu tempat dari pusat bandar yang terdekat.

7.8 Bagi tujuan penjadualan laporan, strata-strata dicantumkan seperti berikut:

Bandar   =   Metropolitan + Bandar besar

Luar bandar   =   Bandar kecil + Keseluruhan luar bandar

8. Reka bentuk pensampelan

8.1 Reka bentuk pensampelan berstrata dua peringkat (*two-stage stratified sampling*) telah digunakan dalam PPIR & KA 2016. Pembentukan strata adalah seperti berikut:

Strata utama	Meliputi daerah pentadbiran bagi semua negeri di Malaysia
Strata kedua	Meliputi strata bandar dan luar bandar seperti yang dinyatakan di perkara 7.8

8.2 Pemilihan sampel dilakukan pada peringkat BP dengan menggunakan kaedah *probability proportionate to size*. Seterusnya sampel TK dipilih dari BP yang terpilih menggunakan kaedah sistematik melalui penjanaan nombor rawak dan menetapkan selang pemilihan supaya setiap TK mempunyai kebarangkalian yang sama untuk terpilih. Prosedur ini dilaksanakan secara teratur dan saintifik untuk menghasilkan sampel yang tidak pincang (*unbiased*) dan boleh mewakili keseluruhan populasi isi rumah di Malaysia.

9. Saiz sampel

9.1 Saiz sampel PPIR & KA 2016 perlu mewakili populasi mengikut keperluan peringkat analisis yang ditetapkan. Saiz sampel ini telah mengambil kira elemen berikut:

  (i)   Penemuan daripada penyiasatan yang lepas iaitu PPIR & KA 2014;

  (ii) Peringkat reka bentuk pensampelan; dan

 (iii) Ralat yang disasarkan.

9.2 Prosedur penganggaran saiz sampel dikira secara *independent* di setiap strata (bandar dan luar bandar). Kaedah Pensampelan Rawak Mudah *(Simple Random Sampling - SRS)* digunakan dengan mengambil kira *design effect* daripada penyiasatan yang lepas, kadar respons dan peringkat analisis kajian. Saiz sampel yang optimum dianggarkan di peringkat BP dengan mengambil kira homoginiti ciri-ciri pembolehubah kajian dan kos yang terlibat.

9.3   Pengiraan saiz sampel bagi sub populasi j, n_{1j} dikira menggunakan formula berikut:

$$n_{1j} = \frac{n_{0j}}{1 + \dfrac{n_{0j}}{N_j}}$$; j = 1,2,3......k

di mana:

$$n_{0j} = \frac{z^2 p_j (1 - p_j)}{d_j^{\,2}}$$

Bagi memenuhi andaian-andaian dalam Pensampelan Berstrata, maka faktor kesan rekabentuk (D.E.) diambil kira:

$$D.E. = \frac{\text{varians bagi reka bentuk kompleks}}{\text{varians bagi SRS}}$$

Saiz sampel dengan mengambilkira D.E. bagi sub populasi j, n_{2j} diberikan oleh:

$$n_{2j} = n_{1j} \times D.E.$$

Dan seterusnya, mengambilkira kadar respon penyiasatan lepas, maka saiz sampel keseluruhan bagi sub populasi j, n_3 adalah seperti berikut:

$$n_{3j} = n_{2j} \times \frac{1}{Kadar \, \mathrm{Re}\, spon}$$

Maka, jumlah saiz sampel, n diberi oleh:

$$n = \sum_{j=1}^{k} n_{3j}$$

di mana:

n_{0j} saiz sampel asas yang diperoleh menggunakan kaedah SRS bagi sub populasi j

n_{1j} saiz sampel yang mengambilkira faktor populasi bagi sub populasi j

n_{2j}	saiz sampel yang mengambilkira faktor kesan rekabentuk bagi sub populasi j
n_{3j}	saiz sampel yang mengambilkira faktor kadar respon bagi sub populasi j
N	jumlah unit elemen dalam populasi
n	saiz sampel keseluruhan
d	ralat yang disasarkan
Z	paras keyakinan
p	kadar penyertaan tenaga buruh

9.4   Saiz sampel bagi PPIR & KA 2016 adalah seperti berikut:

Jadual 2: Bilangan BP, TK dan isi rumah mengikut negeri, Malaysia, 2016

Negeri	Bilangan BP	Bilangan TK	Bilangan isi rumah respons
Johor	936	7,488	6,640
Kedah	690	5,520	5,117
Kelantan	646	5,168	5,000
Melaka	329	2,632	2,475
Negeri Sembilan	395	3,160	3,010
Pahang	563	4,504	4,112
Pulau Pinang	638	5,104	4,638
Perak	794	6,352	5,639
Perlis	205	1,640	1,651
Selangor	1,192	9,536	8,153
Terengganu	489	3,912	3,924
Sabah	1,374	10,992	9,961
Sarawak	1,562	12,496	11,603
W.P. Kuala Lumpur	702	5,616	4,877
W.P. Labuan	91	728	1,014
W.P. Putrajaya	66	528	483
Malaysia	**10,672**	**85,376**	**78,297**

10. Penilaian data

10.1 Data yang diperoleh daripada penyiasatan yang dijalankan secara sampel berkebarangkalian ini tertakluk kepada dua jenis iaitu ralat pensampelan dan ralat bukan pensampelan.

(i) **Ralat pensampelan**

Ralat pensampelan berpunca daripada anggaran data yang terhasil daripada sampel berkebarangkalian. Ralat ini boleh diukur dengan menganggarkan Ralat Piawai Relatif dan dinyatakan dalam bentuk peratusan. Ia digunakan sebagai penunjuk kepada kepersisan anggaran parameter yang dikaji. Ini memberi gambaran tahap variasi pembolehubah yang dianggarkan melalui penyiasatan berbanding dengan parameter populasi.

Sebagai contoh, penemuan PPIR & KA 2016 mendapati pendapatan kasar isi rumah bulanan purata bagi Malaysia adalah RM6,958 dengan Ralat Piawai Relatif 0.4 peratus. Dalam erti kata lain, nilai Ralat Piawai adalah RM30. Berasaskan 95 peratus selang keyakinan (α=0.05), pendapatan kasar isi rumah bulanan purata berada dalam batasan antara RM6,898–RM7,017 sebulan.

(ii) **Ralat bukan pensampelan**

Ralat ini boleh berpunca daripada liputan penyiasatan yang tidak lengkap, kelemahan rangka, ralat maklumbalas, tiada respons dan kesilapan semasa prosesan seperti di peringkat penyuntingan, pengekodan dan tangkapan data. Bagi memastikan kualiti data berada pada tahap yang tinggi, beberapa langkah pentadbiran telah diambil supaya **ralat bukan pensampelan** berada di tahap minimum. Antaranya, latihan intensif kepada penyelia dan penemuramah. Selain daripada itu, penyeliaan yang rapi dan semakan rambang dijalankan ke atas isi rumah yang telah diliputi oleh penemuramah untuk memastikan kesahihan maklumat yang direkodkan.

Bagi mengatasi kes tiada respons yang berpunca daripada beberapa sebab seperti TK kosong, tiada penghuni di rumah, enggan bekerjasama atau TK tidak

layak diliputi dalam penyiasatan, maka penganggaran saiz sampel PPIR & KA 2016 telah mengambil kira semua kemungkinan tersebut.

Pengemaskinian rangka pensampelan yang dilaksanakan dari semasa ke semasa telah dapat mengurangkan kadar tiada respons yang berpunca daripada TK kosong. Publisiti yang meluas dilaksanakan melalui media elektronik serta media cetak bagi mengurangkan kes tiada penghuni di rumah dan enggan bekerjasama.

Selain daripada itu, di peringkat prosesan data, semakan konsistensi bagi setiap pembolehubah dan proses validasi telah dilaksanakan secara sistematik bagi meminimumkan kesemua ralat bukan pensampelan.

10.2 Di samping itu, ketepatan data pendapatan PPIR & KA 2016 boleh juga dibandingkan dengan komponen perbelanjaan penggunaan akhir persendirian dalam Akaun Negara. Namun begitu, perbandingan tersebut tidak boleh dilakukan secara terus kerana konsep pendapatan dan perbelanjaan yang diguna pakai adalah berbeza di antara Akaun Negara dan PPIR & KA. Bagi PPIR & KA, Pendapatan Kasar mengandungi (boleh digunakan) perbelanjaan penggunaan, cukai pendapatan, pindahan kepada isi rumah lain, sumbangan kepada skim keselamatan sosial dan lain-lain pindahan semasa dan lebihan Pendapatan Kasar isi rumah yang tidak digunakan adalah untuk simpanan atau pelaburan. Tambahan pula, Akaun Negara meliputi perbelanjaan penduduk institusi dan perniagaan yang tidak diperbadankan.

Berdasarkan konvensyen[7], adalah dicadangkan nisbah pendapatan dan perbelanjaan perlu berada di antara 80-120 peratus yang menunjukkan data PPIR & KA boleh diterima. Kesimpulannya, nisbah di antara pendapatan isi rumah PPIR & KA 2016 dan perbelanjaan penggunaan akhir persendirian yang disusun oleh Akaun Negara adalah dalam lingkungan julat yang disarankan dan ini menggambarkan maklumat yang diperoleh daripada penyiasatan ini adalah berkualiti.

Jadual 3: Perbandingan pendapatan PPIR & KA dengan perbelanjaan penggunaan persendirian Akaun Negara

Tahun	Perbelanjaan penggunan akhir persendirian (Akaun Negara)[8] (RM juta)	Pendapatan isi rumah kasar tahunan (PPIR & KA) (RM juta)	Nisbah pendapatan/ Perbelanjaan (%)
2002	172,485	139,769	81
2004	208,571	220,633	106
2007	293,040	266,239	91
2009	339,395	291,017	86
2012	457,600	383,059	84
2014	525,000	492,000	94
2016	598,700	580,074	98

[7] *The Developing Economic, XXXV-1 (March 1997); 68-96*

[8] Akaun Negara dan Perbelanjaan Negara tahunan, 2002-2016, Jabatan Perangkaan Malaysia

11. Had pendapatan bagi kumpulan isi rumah mengikut pendapatan

Had pendapatan kasar isi rumah bulanan bagi kumpulan isi rumah mengikut pendapatan iaitu Tertinggi 20 peratus (T20), Pertengahan 40 peratus (M40) dan Terendah 40 peratus (B40) bagi setiap strata, kumpulan etnik dan negeri adalah seperti berikut:

Jadual 4: Had Pendapatan kasar isi rumah bulanan mengikut kumpulan isi rumah dan strata, Malaysia, 2016

Negeri	Had Pendapatan (RM)		
	Terendah 40%	Pertengahan 40%	Tertinggi 20%
Jumlah	**< 4,360**	**4,360 - 9,619**	**≥ 9,620**
Bandar	< 4,930	4,930 - 10,509	≥ 10,510
Luar bandar	< 3,010	3,010 - 5,999	≥ 6,000

Jadual 5: Had Pendapatan kasar isi rumah bulanan mengikut kumpulan isi rumah dan kumpulan etnik, Malaysia, 2016

	Had Pendapatan (RM)		
Negeri	Terendah 40%	Pertengahan 40%	Tertinggi 20%
Bumiputera	< 4,070	4,070 - 8,719	≥ 8,720
Cina	< 5,420	5,420 - 12,019	≥ 12,020
India	< 4,620	4,620 - 9,779	≥ 9,780
Lain-lain	< 3,120	3,120 - 6,769	≥ 6,770

Jadual 6: Had Pendapatan kasar isi rumah bulanan mengikut kumpulan isi rumah dan negeri, Malaysia, 2016

	Had Pendapatan (RM)		
Negeri	Terendah 40%	Pertengahan 40%	Tertinggi 20%
Malaysia	**< 4,360**	**4,360 - 9,619**	**≥ 9,620**
Johor	< 4,830	4,830 - 9,409	≥ 9,410
Kedah	< 3,180	3,180 - 6,889	≥ 6,890
Kelantan	< 2,570	2,570 - 5,869	≥ 5,870
Melaka	< 4,770	4,770 - 9,519	≥ 9,520
Negeri Sembilan	< 3,930	3,930 - 8,009	≥ 8,010
Pahang	< 3,540	3,540 - 6,809	≥ 6,810
Pulau Pinang	< 4,640	4,640 - 9,199	≥ 9,200
Perak	< 3,460	3,460 - 6,979	≥ 6,980
Perlis	< 3,660	3,660 - 6,769	≥ 6,770
Selangor	< 6,180	6,180 - 12,469	≥ 12,470
Terengganu	< 4,070	4,070 - 8,109	≥ 8,110
Sabah	< 3,270	3,270 - 7,599	≥ 7,600
Sarawak	< 3,460	3,460 - 7,609	≥ 7,610
W.P. Kuala Lumpur	< 7,640	7,640 - 15,159	≥ 15,160
W.P. Labuan	< 5,090	5,090 - 10,629	≥ 10,630
W.P. Putrajaya	< 7,380	7,380 - 14,789	≥ 14,790

12. Pekali Gini

12.1 Pekali Gini (*G*) ialah ukuran pemusatan pendapatan berdasarkan Keluk Lorenz. Keluk ini dihasilkan dengan memplot peratus isi rumah kumulatif pada paksi X dan peratus jumlah pendapatan kumulatif yang diterima oleh isi rumah pada paksi Y. Nilai Pekali Gini berada antara 0 dan 1, di mana 0 menunjukkan agihan pendapatan yang saksama, manakala nilai 1 menunjukkan agihan pendapatan yang paling tidak saksama.

12.2 Pekali Gini (*G*) ditakrifkan sebagai nisbah kadaran keluasan di antara garis pepenjuru dan keluk Lorenz (A) kepada keluasan di bawah garis pepenjuru (A+B) seperti dalam Rajah 1, di mana

$$G = \frac{A}{A+B} = \frac{\textbf{Luas kawasan antara keluk dan pepenjuru}}{\textbf{Luas kawasan di bawah garis pepenjuru}}$$

$$= \frac{\textbf{0.5} - \textbf{luas kawasan di bawah keluk}}{0.5}$$

atau secara matematiknya

$$G = 1 - \sum_{i}^{k} (f_{i+1} + f_i)(Y_i + Y_{i+1})$$

RAJAH 1

Keluk Lorenz

Agihan Isi Rumah Kumulatif
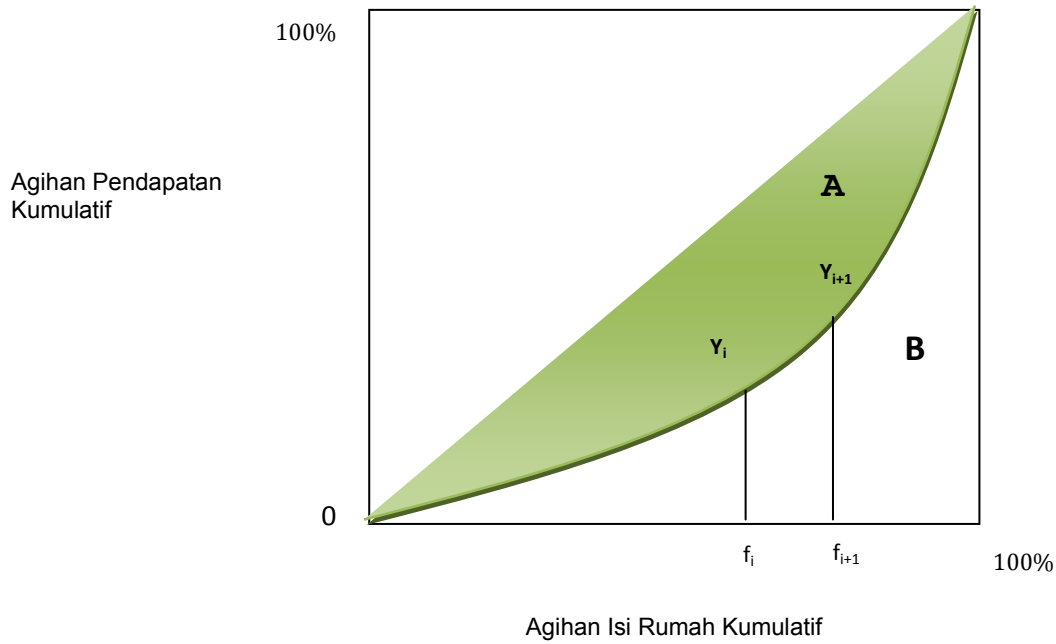
13. **Kadar pertumbuhan tahunan dikompaun**

Pengiraan kadar pertumbuhan tahunan dikompaun adalah berdasarkan kepada fungsi eksponen seperti berikut:

$$CAGR = \frac{ln\left(\frac{Y_t}{Y_o}\right)}{t}$$

di mana;

$CAGR$ kadar pertumbuhan tahunan dikompaun

Y_t pendapatan isi rumah bulanan tahun semasa

Y_0 pendapatan isi rumah bulanan tahun sebelumnya

t tempoh masa

14. Pembundaran anggaran

Pengiraan bagi sesuatu kategori mungkin tidak sentiasa sama antara jadual disebabkan oleh pembundaran secara bebas. Walau bagaimanapun, perbezaan ini adalah tidak ketara.

Peratus yang ditunjukkan dalam jadual adalah diperoleh daripada angka sebenar dan tidak semestinya memberikan jumlah genap 100 peratus disebabkan pembundaran, walaupun jumlah yang ditunjukkan adalah 100 peratus.

15. Nota dan Simbol

0.0   Kurang daripada setengah unit terkecil yang ditunjukkan. Misalnya, kurang daripada 0.05 peratus

-   Tiada/kosong/tiada kes

W.P.   Wilayah Persekutuan

RM   Ringgit Malaysia

n.a   Tidak berkenaan

1. **Introduction**

*The statistics released in this report is based on the Survey of Household Income and Basic Amenities Survey (HIS & BA) 2016 conducted by the Department of Statistics, Malaysia (DOSM). The survey was carried out twice in five years which is providing the data regarding the income, poverty and basic amenities for **citizens** only. These technical notes contains more detailed descriptions to help users to better understand the relevant survey and report HIS & BA 2016.*

2. **Objective of survey**

2.1 The main objectives of the survey are as follows:
- *to collect information on income distribution pattern of households;*
- *to gather current statistics on poor households; and*
- *to identify the accessibility of basic amenities by households.*

2.2 Data from the survey are used primarily by the government as inputs for the formulation of national development plans and monitoring the Eleventh Malaysia Plan. Furthermore, these data can also be used by the economist, academicians, private sectors and individuals for analysis and research purposes.

3. **Method of data collection**

3.1 Data collection was carried out using the personal interview approach. Officers and staffs of the DOSM who were involved in this survey were given special training as interviewers. They visited selected households (HH) to collect information on demography, income and basic amenities using a set of questionnaires.

3.2 Quality checks are made by experienced officers from DOSM State office to detect and correct any error or omission during the survey. The review process were also implemented for selected households to ensure that the data collected are of good quality.

4. Reference period

The information on household income was collected for a period of twelve months. For example, the month of survey is December 2016, the household income is calculated from 1ˢᵗ December 2015 until 30ᵗʰ November 2016.

5. Scope and coverage

5.1 *The survey covers both urban and rural areas, including the remote area of the states in Malaysia **except** for settlement of Orang Asli in Peninsular Malaysia and the areas under the purview of Eastern Sabah Security Command (ESSCOM).*

5.2 *Coverage of the survey are households living in private Living Quarters (LQ) only and does not include those who are living in residential institutions such as hostels, hotels, hospitals, old folks homes, prisons and welfare homes.*

5.3 *Components of the basic amenities covered were education, health, housing and household appliances & amenities. The details of each component are as follows:*

(i) Education
The information collected is the distance from living quarters to education institutions and mobile library services facilities;

(ii) Health
The information collected is the distance from living quarters to government or private health institutions and mobile health services facilities;

(iii) Housing
The information collected such as type of ownership, physical housing conditions, types of building materials for outer walls, water supply, electricity supply facilities and waste collection facilities; and

(iv) Household appliances and amenities
The information collected such as equipment and communication

facilities owned by household members for their own use, for example cars, washing machines, telephones, subscription of Internet at home and etc.

For this report, only selected information was published to illustrate the level of basic amenities enjoyed by residents, especially poor households.

6.   Concepts and definitions

6.1   Living Quarters

*Living quarters are defined as independent and separate structures, which are usually used as place of abode. The terms, **separate** and **independent** mean the following:*

(i)   Separate

A structure is considered separate if it is surrounded by walls, fence, etc. and is covered by roof.

(ii)   Independent

A structure is said to be independent if it has direct access via public path, communal passageway or space (that is, occupants can come in or go out of their living quarters without passing through others' premises).

6.2   Household

A household is defined as a person or group of related or unrelated persons who usually live together and make common provisions for food and other living essentials.

6.3   Head of Household

Head of household is defined as any members whether male or female which is considered as head of household by other members. Head of household must be an income recipient and age 15 years and over.

6.4   Income

*Detailed information on income was obtained from the household members **who received income.** The concept and definition of income used in this survey is based on **the Canberra Group Handbook on Household Income Statistics,***

Second Edition (2011) published by United Nations. The sources of income comprise:

(i)   Paid Employment

Income earnings from Paid Employment may be received in cash or in kind as goods and services. These include direct wages and salaries for time worked and work done; cash bonuses and gratuities; commissions and tips; directors' fees; profit-sharing bonuses and other forms of profit-related payments and goods and services provided free or subsidised by the employer (including free food/concession).

Conceptually, employee income also includes employers' social insurance contributions, employer contributions to the EPF and severance & termination compensation (except one-off retirement payments such as gratuity for pensioners, which are treated as capital transfers).

(ii)   Self-Employed

Income from Self-Employed is income received by individuals as a result of their involvement in Self-Employed jobs. Net income from Self-Employed includes the profit or loss that accrues to owners of, or partners in, unincorporated enterprises who work in these enterprises. It also includes the estimated value of goods and services produced or agriculture/livestocks for barter, as well as goods produced for own consumption, less expenses.

The basis for the measurement of income from Self-Employed in household income statistics is the concept of net income, that is, the value of gross output less operating costs and after adjustment for depreciation of assets used in production. Profits occur when receipts are greater than operating expenses, while a loss occurs when operating expenses are greater than receipts.

(iii)   Property and Investment

Property and Investment income is defined as receipts that arise from the ownership of assets, interest, dividends and rent. The details are as follows:

- Property income is defined as receipts that arise from return for use

of assets provided to others for their use. They comprise returns, usually monetary, from financial assets (interest, dividends), from non-financial assets (rent) and from royalties;

- *Interest receipts are payments received from accounts with banks or other financial institutions, certificates of deposit, government bonds/loans, securities, debentures and loans to non-household members;*

- *Dividends are receipts from investment in an enterprise in which the investor does not involved in company activities. This includes silent partners. Pensions and annuities in the form of dividends from voluntary private insurance schemes are also included;*

- *Rents are payments received from asset consumption such as land and houses;*

- *Royalties are receipts arising from the return for services of patented or copyright material, e.g. receipts from writings, copyright for the song arrangement etc; and*

- *Imputed rent for a house value occupied by owners.*

(iv) Current Transfers received

Current Transfers can consist of cash, goods or services. Transfers may be made between households, between government and households or between households and charities. Receive may be both within or outside the country. The main motivation is to redistribute income either by government (e.g. educational aid, zakat, and Bantuan Rakyat 1Malaysia - BR1M) or individual/private (e.g. Corporate Social Responsibility -CSR).

Current Transfers received directly affect the level of Gross Income available and should influence the consumption of goods and services. Thus, all Current Transfers received in cash and goods or services are considered as part of income. However, it does not include capital transfers.

6.5 Gross and Disposable Income

Gross Income and Disposable Income are the two main concepts of income that can be defined as follows:

(i) Gross Income

Gross income is the total amount of income derived from each component or source of income as stated in item 6.4.

(ii) Disposable Income

Disposable income is obtained by total income less current transfers paid such as direct taxes, contributions to other households, zakat and other current transfers paid. This concept reflects the income actually available to households for current outlays and saving.

For this survey purposes, the distributive effects of public expenditure (collective expenditure) is not taken into account due to difficulties to impute such benefits as part of household income.

*Income statistics presented in this report is only apply the concept of **Gross Income.***

6.6 Household Income

Household income refers to total income received (accrued) by members of households, both in cash or in kinds which occur repeatedly within the reference period (within a year, or more frequently).

6.7 Income Recepient

Income recipient refers to all household members who receive income from any sources (such as item 6.4) within the reference period. One household may have more than one income recipients.

6.8 Ethnic group

The classification of Malaysian citizen by ethnic group is as follows:
(i) Bumiputera;
(ii) Chinese;
(iii) Indians; and
(iv) Others.

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6.9 Highest certificate obtained

Refers to the highest certificate from the public or private educational institution that provides formal education. The highest certificate obtained is classified according to the International Standard Classification of Education (ISCED):

(i) PMR or equivalent

Refers to Penilaian Menengah Rendah, Sijil Rendah Pelajaran, Lower Certificate of Education, Sijil Rendah Agama, Pentaksiran Tingkatan Tiga or equivalent.

(ii) SPM or equivalent

Refer to Sijil Pelajaran Malaysia or equivalent (Senior Cambridge Certificate, GCE O Level and Sijil Pelajaran Vokasional Malaysia). This includes basic skill certificate obtained from specialised skills and technical training institutions whereby the training period is at least six month i.e GIATMARA certificate.

(iii) STPM or equivalent

Refers to Sijil Tinggi Persekolahan Malaysia, Higher School Certificate, or equivalent (Sijil Tinggi Agama and GCE A Level).

(iv) Certificate

Refers to certificate obtained from college, polytechnic or institutions which offers formal education. Duration of certification should not be less than six month.

(v) Diploma

Refers to diploma or equivalent certificate obtained from university, college or polytechnic prior to a degree qualification.

(vi) Degree

Refers to degree (Bachelor, Masters or Ph.D) obtained from public or private higher institution or equivalent.

(vii) No certificate

Refers to those who are currently attending school or who have completed schooling without receiving any certificate.

6.10 Occupation

*Occupation is classified according to the **Malaysia Standard Classification of Occupation (MASCO) 2013** based on International Standard Classification of Occupations (ISCO-08).*

For a person having more than one job, only the job at which he worked for the longest number of hour during the reference week is treated as his principal occupation. Should the number of hours worked for each job is the same, then the job with the highest income is the principal occupation. In the case where the number of hours worked and the income earned from each job are the same, the job at which he was working for the longest period of time is considered as the principal occupation.

6.11 Industry

*Individual main occupation industry is classified according to the **Malaysia Standard Industrial Classification (MSIC) 2008** based on the International Standard Industrial Classification of All Economic Activities (ISIC) Revision 4.*

6.12 The determination of Poverty Line Income (PLI)

*The model of PLI measurement used in Malaysia has been intensively studied in 2005 by the Economic Planning Unit, Prime Minister's Department and DOSM in collaboration with the United Nations Development Programme (UNDP). The Cost of Basic Needs method that takes into consideration of three basic components, namely the need for food, non-food and the characteristics of households has been used. This PLI measurement was published in the report of **Malaysia Measuring and Monitoring Poverty and Inequality** by UNDP (2007).*

(i) Food PLI

In order to determine the nutritional needs, a group of experts from the Ministry of Health and higher educational institutions have studied and determined the minimum calories required by an individual to stay healthy and comfortable by sex, age and location of their LQ.

Total requirements kilo calorie per household of five persons was 8,725 per day. The daily requirement kilo calorie per person for a well-balanced diet consisting of:

- *cereals and cereal products (rice, wheat flour etc);*
- *chicken, eggs and fish;*
- *milk;*
- *oil and fats;*
- *sugar;*
- *vegetables and fruits; and*
- *pulses.*

Kilo calorie needs is translated into Ringgits according to the retail current prices of each area.

(ii)   Non-Food PLI

In order to determine the non-food PLI, a group of expert as from various agencies have studied and set minimum requirements required include clothing, housing, transportation and other non-food needs by sex and age of a person.

Non-food component of the PLI is calculated based on the expenditure patterns of low income households identified through the Household Expenditure Survey.

Non-food component of the PLI were:
- *clothing and footwear;*
- *gross rent, fuel and utilities;*
- *furniture, household equipment and appliances (durables goods);*
- *transport and communication; and*
- *other non-food items.*

Base on the results of the study and the determination of (food and non-food), PLI is calculated and adjusted to the current price based on the Consumer Price Index (CPI).

PLI is updated in line with the implementation of HIS & BA. It also takes into account the needs of national planning and changes in the prevailing price and changes in the patterns of Malaysian community.

6.13 The calculation of PLI

PLI is defined separately for each household in HIS & BA. Each PLI takes into consideration of the following points:

(i) PLI

PLI is the minimum income needed by a household to meet the basic needs of food and non-food for each of its members to enable them to have a healthy and comfortable life.

(ii) The household's size and demographic composition

Households with larger members require more food and non-food expenditures to achieve healthy and comfortable standard of living for all members. As the caloric requirements vary by sex and age, the food PLI also varies in accordance with the demographic composition of the household.

(iii) The household's location: State and strata (urban/rural)

Food and non-food prices vary across states and between urban and rural areas. Thus, this PLI take into consideration of the price difference.

PLI per household varies by location (state and strata), household size and demographic composition.

6.14 Poverty

The concept of poverty used takes into account food PLI and non-food PLI for each household. A household is considered poor if their income is below the PLI needed. This means that it lacks the resources to meet the basic needs of food and non-food for each of its members. A household is considered hard-core poor if its income is below the food PLI.

Table 1: Poverty Line Income, Malaysia, 2016

Region	Total	Urban	Rural
	(RM) per month		
Peninsular Malaysia	960	970	880
Sabah/W.P. Labuan	1,180	1,170	1,220
Sarawak	1,020	1,070	940

6.15 Calculation of poverty rates

Poverty rate calculation involves all households having monthly gross income below **Poverty Line Income**. Formula for calculating the Incidence of Poverty (IP) is as follows:

$$IP = \frac{Number\ of\ households\ with\ income\ below\ the\ PLI}{Total\ number\ of\ households} \times 100$$

7. Sampling frame

7.1 The frame used for the selection of sample for HIS & BA 2016 was based on the Household Sampling Frame which made up of Enumeration Blocks (EBs) created for the 2010 Population and Housing Census that was updated from time to time. EBs are geographical contiguous areas of land which identifiable boundaries created for survey operation purposes, which is on average, contains about 80 to 120 living quarters. Generally, all EBs are formed within gazetted boundaries i.e within administrative districts, mukim or local authority areas.

7.2 The EBs in the sampling frame are classified by urban and rural areas. Urban area are as defined in the 2010 Population and Housing Census. Urban areas are gazetted areas with their adjoining built –up areas which had a combined population of 10,000 or more. While, gazetted area with population less than 10,000 and not gazetted area are classified as rural area.

7.3 Built- up areas were the areas contiguous to a gazetted area and had at least 60 per cent of their population (aged 15 years and over) engaged in non-agricultural activities.

7.4 The definition of urban areas also takes into account the special development areas i.e. areas that are not gazetted and development can be identified and separated from the gazetted areas or built-up area of more than five kilometre and has a population of at least 10,000 people with 60 percent of the population (aged 15 years and over) engaged in non-agricultural activities.

7.5 Urbanisation is a dynamic process and keeps changing with development and growth. Thus, the urban areas for 2000 and 2010 Censuses do not necessarily refer to the same areas, as areas fulfilling the above criteria of urban continue to expand and grow within the time.

7.6 The classification of area by strata is as follows:

Strata	*Population of gazetted, adjoining built-up areas and special development area*
(i) Metropolitan	*75,000 and above*
(ii) Urban large	*10,000 to 74,999*
(iii) Urban small	*1,000 to 9,999*
(iv) Rural	*All other areas*

7.7   For sampling purposes, classification of area as stated in item 7.6 is used for all states and federal territories. For Sabah and Sarawak, due to inaccessibility, the rural strata had to be further stratified based on the time taken to reach the area from the nearest urban centre.

7.8 For purposes of tabulation, the strata were combined as follows:

Urban   =   Metropolitan + Urban large
Rural   =   Urban small + All rural

8. Sample Design

8.1 Two-stage stratified sampling design was adopted in HIS & BA 2016. The level of stratification is as follows:

Primary strata	Covered administrative districts for all state in Malaysia
Secondary strata	Covered urban and rural strata as defined in Item 7.8.

8.2 The selections of samples have been done at EBs level using probability proportionate to size method. Then, sample for LQs were selected from the selected EBs by using systematic method that generate random number and interval class to ensure every LQs have an equal probability to be selected as a sample. This procedure is performed systematically and scientifically to produce unbiased sample and can represent the entire population of households in Malaysia.

9. Sample Size

9.1 The sample size for HIS & BA 2016 required to represent overall population according to the required analysis stages. The sample size has been considered the following elements:
(i)   Findings from the previous HIS & BA 2014;
(ii)   Stage of sampling design; and
(iii)   Desired error.

9.2 Procedures for estimating the sample size is calculated independently in each strata (urban and rural). Simple Random Sampling Method (SRS) is used to take into account the design effect from the previous investigation, response rate and level of study. The optimum sample size was estimated at the level of EB with regard to homogeneity characteristic variables and the costs involved.

9.3 Sample size calculation for sub population j, n_{1j} is calculated as follow:

$$n_{1j} = \frac{n_{0j}}{1 + \dfrac{n_{0j}}{N_j}} \qquad\qquad ; j = 1,2,3……k$$

where:

$$n_{0j} = \frac{z^2 p_j (1 - p_j)}{d_j^{\,2}}$$

To satisfy the assumptions in the Stratified Sampling, the design effect (D.E.) factor is taken into account:

$$D.E. = \frac{\text{variance for complex sample}}{\text{variance for SRS}}$$

Sample size taking into account D.E. for sub population j, n_{2j} is given by:

$$n_{2j} = \text{n}_{1j} \times D.E.$$

Next, taking into account the rate of response of the last survey, the overall sample size for sub population j, n_3 is as follows:

$$n_{3j} = n_{2j} \times \frac{1}{\text{Re}\,sponseRate}$$

Thus, the total sample size, n is given by:

$$n = \sum_{j=1}^{k} n_{3j}$$

where:

n_{0j}	basic sample size obtained using SRS method for sub population j
n_{1j}	sample size taking into account the population factor for the sub population j
n_{2j}	sample size taking into account the design effect factor for sub population j

n_{3j} sample size taking into account the response rate factor for the sub population j

N the number of element units in the population

n total sample size

d desired error

Z level of confidence

p labour force participation rate

9.4   The sample size for HIS & BA 2016 is as follows:

Table 2: Numbers of EBs, LQs and household response by state, Malaysia, 2016

States	Number of EB	Number of LQ	Number of Household Response
Johor	936	7,488	6,640
Kedah	690	5,520	5,117
Kelantan	646	5,168	5,000
Melaka	329	2,632	2,475
Negeri Sembilan	395	3,160	3,010
Pahang	563	4,504	4,112
Pulau Pinang	638	5,104	4,638
Perak	794	6,352	5,639
Perlis	205	1,640	1,651
Selangor	1,192	9,536	8,153
Terengganu	489	3,912	3,924
Sabah	1,374	10,992	9,961
Sarawak	1,562	12,496	11,603
W.P. Kuala Lumpur	702	5,616	4,877
W.P. Labuan	91	728	1,014
W.P. Putrajaya	66	528	483
Malaysia	**10,672**	**85,376**	**78,297**

10. Evaluation of the data

10.1 *Data obtained from probability sampling survey are subject to two types of error i.e sampling error and non-sampling error.*

(i) Sampling Error

Sampling error is a result of estimating data based on a probability sampling. This error can be measured by estimating the Relative Standard Error and expressed as a percentage. It is used as an indicator of the precision of the estimated parameters studied. This estimate reflects the level of variation was estimated through a survey variables compared with the population parameter.

For instance, in HIS & BA 2016, the mean monthly gross household income for Malaysia was RM6,958 with RSE of 0.4 per cent. In other words, the standard error (SE) is approximately RM30. Based on a 95 per cent confidence level (α=0.05), the mean monthly gross household income was found to be in the range of RM6,898–RM7,017 per month.

(ii) Non-sampling error

*These errors may arise through incomplete survey coverage, weaknesses in the frame, response errors, non-response errors and also errors during processing such as editing, coding and data capture. To ensure high quality data, several administrative procedures were taken to keep **non-sampling errors** to a minimum. Intensive training was conducted for the supervisors and enumerators. In addition, close supervision and random checks were carried out on households which were covered by the enumerators to ensure the validity of the information recorded.*

In order to resolve the case of non-response error due to several reasons such as vacant house, 'no one at home', refusal to co-operate or not qualified LQ, the sample size estimation for HIS & BA 2016 has taken into account all the possibilities.

The survey frame is updated regularly to overcome the problem of non-response due to vacant home. Wide publicity was carried out through electronic and printed media to minimise the case of 'no one at home' and refusal to cooperate.

In addition, at the data processing stage, each variable consistency checking and validation process has been systematically implemented in order to minimise the non-sampling error.

10.2 *Besides that, the accuracy of the income data of HIS & BA 2016 can also be compared against the component of private final consumption expenditure in National Accounts. However, a direct comparison is not applicable due to the differences in the concepts of income and expenditures of National Accounts and HIS & BA. For HIS & BA the Gross Income consists (is used for) of consumption expenditure, income tax, transfer to other household, contribution to social security schemes and other current transfer payments and the remaining unutilised portion of gross household income is for saving or investment. Moreover, National Accounts includes the expenditure for institutional population and unincorporated business.*

By convention[7], it was recommended that the income and expenditure ratio should be in the range of 80-120 per cent, which is an indication for HIS data to be acceptable. In conclusion, the ratio between household income from HIS & BA 2016 and private final consumption expenditure compiled by National Accounts is within the recommended range and this reflects the sound quality of the information obtained from the survey.

Table 3: Comparison between HIS & BA income and private final consumption expenditure of National Account

Year	Private final consumption expenditure (National Account)[8] (RM million)	Annual Gross Household Income (HIS & BA) (RM million)	Ratio income/ expenditure (%)
2002	172,485	139,769	81
2004	208,571	220,633	106
2007	293,040	266,239	91
2009	339,395	291,017	86
2012	457,600	383,059	84
2014	525,000	492,000	94
2016	598,700	580,074	98

[7] *The Developing Economic, XXXV-1 (March 1997); 68-96*
[8] *Annual Product and Expenditure Account, 2002-2016, Department of Statistics Malaysia*

11. Cut-off income for household group by income

Cut-off of monthly households gross income of household group by income for Top 20% (T20), the Middle 40% (M40) and Bottom 40% (B40) for each strata,ethnic group and state is as follows:

Table 4: Thresholds of monthly household gross income by household group and strata, Malaysia, 2016

Strata	Income cut-off (RM)		
	Bottom 40%	Middle 40%	Top 20%
Total	**< 4,360**	**4,360 - 9,619**	**≥ 9,620**
Urban	< 4,930	4,930 - 10,509	≥ 10,510
Rural	< 3,010	3,010 - 5,999	≥ 6,000

Table 5: Thresholds of monthly household gross income by household group and ethnic group, Malaysia, 2016

Ethnic group	Income cut-off (RM)		
	Bottom 40%	Middle 40%	Top 20%
Bumiputera	< 4,070	4,070 - 8,719	≥ 8,720
Chinese	< 5,420	5,420 - 12,019	≥ 12,020
Indians	< 4,620	4,620 - 9,779	≥ 9,780
Others	< 3,120	3,120 - 6,769	≥ 6,770

Table 6: Thresholds of monthly household gross income by household group and state, Malaysia, 2016

State	Income cut-off (RM)		
	Bottom 40%	Middle 40%	Top 20%
Malaysia	**< 4,360**	**4,360 - 9,619**	**≥ 9,620**
Johor	< 4,830	4,830 - 9,409	≥ 9,410
Kedah	< 3,180	3,180 - 6,889	≥ 6,890
Kelantan	< 2,570	2,570 - 5,869	≥ 5,870
Melaka	< 4,770	4,770 - 9,519	≥ 9,520
Negeri Sembilan	< 3,930	3,930 - 8,009	≥ 8,010
Pahang	< 3,540	3,540 - 6,809	≥ 6,810
Pulau Pinang	< 4,640	4,640 - 9,199	≥ 9,200
Perak	< 3,460	3,460 - 6,979	≥ 6,980
Perlis	< 3,660	3,660 - 6,769	≥ 6,770
Selangor	< 6,180	6,180 - 12,469	≥ 12,470
Terengganu	< 4,070	4,070 - 8,109	≥ 8,110
Sabah	< 3,270	3,270 - 7,599	≥ 7,600
Sarawak	< 3,460	3,460 - 7,609	≥ 7,610
W.P. Kuala Lumpur	< 7,640	7,640 - 15,159	≥ 15,160
W.P. Labuan	< 5,090	5,090 - 10,629	≥ 10,630
W.P. Putrajaya	< 7,380	7,380 - 14,789	≥ 14,790

12. The Gini Coefficient

12.1 The Gini Coefficient (G) is a measure of income concentration derived from the Lorenz Curve. The curve is obtained by plotting the cumulative per cent of households on the X axis against the cumulative per cent of the aggregate income received by these households on the Y axis. [The value of the Gini Coefficient ranges from 0 to 1 where 0 denotes complete equality of income share and 1 represents total inequality of income share].
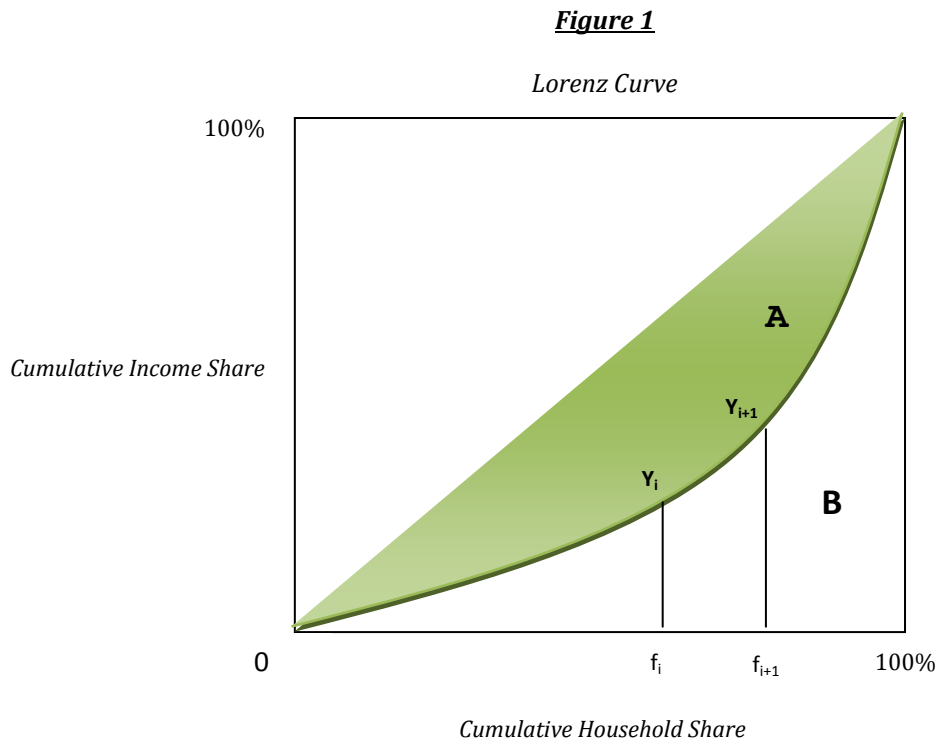
12.2 *The Gini Coefficient (G) is the proportion of the area between the diagonal and the Lorenz Curve (A) and the area under the diagonal (A+B) as shown in Figure 1, whereby*

$$G = \frac{A}{A+B} = \frac{\textit{Area between curve and diagonal}}{\textit{Area under diagonal}}$$

$$= \frac{0.5 - \textit{Area under curve}}{0.5}$$

or mathematically:

$$G = 1 - \sum_{i}^{k} (f_{i+1} + f_i)(Y_i + Y_{i+1})$$

Figure 1

Lorenz Curve

Cumulative Household Share

13. Compounded annual growth rate

Calculation of the compounded annual growth rate based on the exponent function as follows:

$$CAGR = \frac{ln\left(\frac{Y_t}{Y_o}\right)}{t}$$

where;

CAGR   compounded annual growth rate

Y_t current year household monthly income

Y_0 previous year household monthly income

t period

14. Rounding of estimates

The calculation of certain categories may not always be the same between tables due to independent rounding. However, the differences were insignificant.

Percentages shown in the tables were computed from actual absolute figures and may not always add up exactly to 100 per cent due to rounding, although the totals were shown as 100 per cent.

15. Notes and symbols

0.0   Less than half the smallest unit shown. For example, less than 0.05 per cent

-      Nil/blank/no case

W.P. Wilayah Persekutuan

RM   Ringgit Malaysia

n.a   Not applicable

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