



MINISTRY OF ECONOMY
DEPARTMENT OF STATISTICS MALAYSIA



BASIC STATISTICS FOR DIPLOMATS

INTRODUCTION ON HOUSEHOLD INCOME, EXPENDITURE & BASIC AMENITIES SURVEY

BY:

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INTRODUCTION: HOUSEHOLD INCOME & EXPENDITURE SURVEY


















INTRODUCTION: HOUSEHOLD INCOME & EXPENDITURE SURVEY



Household Income & Expenditure Survey?

- The oldest and the most complex national household survey carried out by countries.
- To produce information on the expenditure, income and as well as information about diverse features related to household living conditions with objectives to study the living standards of households.
- The implementation of household survey is depending on the need and country specific.

COUNTRY	HIS	HES	HIES	PERIOD CONDUCTED
 Singapore		✓		Once in 5 years since 1972/73
 Republic of Korea			✓	Quarterly survey on household income and annual survey on household expenditures
 Philippine			✓	Every 5 years
 Vietnam			✓	Every 2 years
 Finland		✓		Every 5 years
 Thailand			✓	Every year since 2006
 Hong Kong		✓		Once every 5 years
 Denmark		✓		Every year
 New Zealand				Every year
 Brunei		✓		Once in 5 years
 Austria		✓		Every 5 years
 Australia	✓	✓		HIS was conducted annually and HES was conducted every 2 years
 Bangladesh			✓	Every 5 years
 Jordan			✓	Every 2 years
 South Africa			✓	Every 5 years

HOUSEHOLD INCOME, EXPENDITURE AND BASIC AMENITIES SURVEY IN MALAYSIA



HOUSEHOLD INCOME, EXPENDITURE AND BASIC AMENITIES SURVEY IN MALAYSIA



HIS/BA

- Started since **1974**
- HIS/BA 2019 is the **19th series**



HISTORY

To collect the
information on
household **income
distribution** and
poverty in Malaysia



OBJECTIVE

Main statistics published:

- Median & mean income
- Incidence of poverty
- Gini coefficient
- Multidimensional Poverty Index



COMPREHENSIVE
INFORMATION

HES

- Started since **1957/58**
- HES 2019 is the **13th series**

To collect the household
expenditure pattern in
Malaysia

Main statistics published:

- Mean consumption expenditure
- Composition of consumption expenditure by main expenditure group

HOUSEHOLD INCOME, EXPENDITURE AND BASIC AMENITIES SURVEY IN MALAYSIA



HIS/BA

Canberra Group
Handbook on Household
Income Statistics,
Second Edition (2011)
published by United
Nations



GUIDELINE

- Covers private living quarters and citizen household only
- Number of selected living quarters is **82,735 (2019)**



COVERAGE

Monthly data collection
for a circle of one year
period



IMPLEMENTATION

HES

Framework for Statistics on the
Distribution of Household
Income, Consumption and
Wealth (2013) published by
Organization for Economic
Co-operation and Development
(OECD)

- Covers private living quarters only
- Number of selected living quarters is **52,673 (2019)**

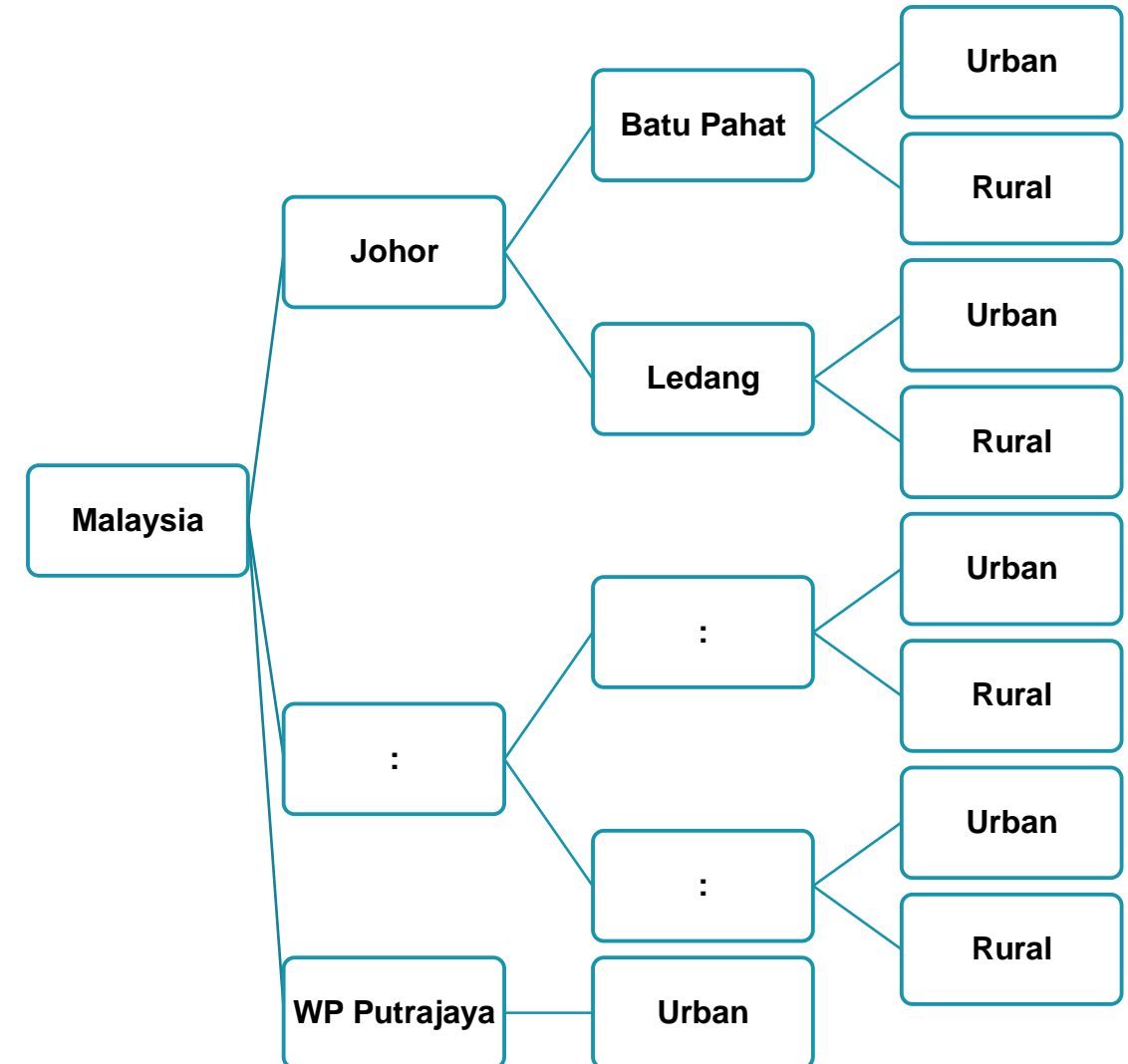
Monthly data collection
for a circle of one year
period

SAMPLE SELECTION



- Two stage stratified sampling.
- First stage sampling unit is Enumeration Blocks (EBs).
- Second stage sampling unit is Living Quarters (LQs).
- Ebs are selected separately by state and urban/rural
- The criteria considered in determining the sample size were the RSE value and the previous sample size.
- LQ type were also taken into account in the selection of the sample.

First Strata	• State
Second Strata	• Administrative district by state
Third Strata	• Urban/ rural by administrative district



THE IMPORTANCE OF HOUSEHOLD INCOME, EXPENDITURE AND BASIC AMENITIES SURVEY





OBJECTIVES AND USES



Consumer Price
Indes (CPI)

Welfare Analysis

National
Account

Evaluation of government policies

Other types of
analysis

Consumer demand and market research

Other special uses

One of the instrument that support the implementation, evaluation and measuring the effectiveness of the program to:

- Overcome the income inequality between household
- strengthen the household development and well-being
- Output from HIES/BA as main indicator for income, expenditure and poverty statistics of a household to improved:
 - ✓ B40 household standard towards middle-class
 - ✓ strengthen the development of the economic region

HIS & BA

To study the pattern of household income



To produced poverty statistics;
- determine the target group
- Incidence of poverty



The latest spending structure and patterns as the basis for the measurement of the Consumer Price Index

Income distribution indicators:
Gini Coefficient



Expenditure approach in GDP
As input in collecting the Private Final Household Expenditure

HES

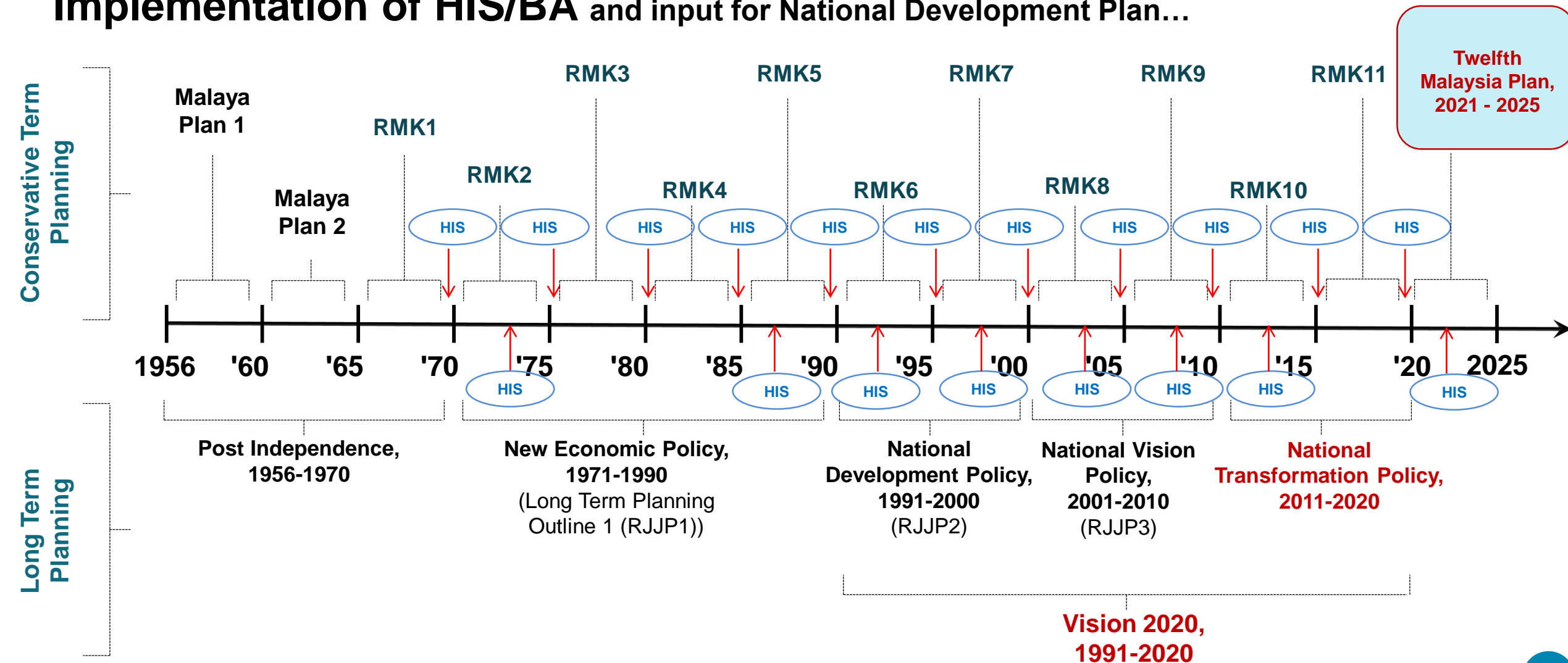
Accessibility to basic amenities

Spending trend

THE IMPLEMENTATION OF HIS/BA AND NATIONAL DEVELOPMENT PLAN IN MALAYSIA



Implementation of HIS/BA and input for National Development Plan...



CONCEPTS OF HOUSEHOLD INCOME & EXPENDITURE





CONCEPTS OF HOUSEHOLD INCOME



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

Household

Total household members living in the same household

Household Size

Household members who receive income from any sources within the reference period

Income Recipient

Sources of income divided into 4 categories

- Paid Employment
- Self Employment
- Property & Investment
- Current Transfer Received

Sources of Income

The average value that obtained by adding up all household income and divided by the number of household

Mean Income

The middle value when household income is arranged in an ascending order from the lowest value to the highest value

Median Income



CONCEPTS OF HOUSEHOLD EXPENDITURE



HOUSEHOLD CONSUMPTION EXPENDITURE

All expenditure either in cash or credit by household members on goods and services for personal use

All goods, services and facilities received in kind, whether free or concession

Net rental value of owner-occupied house

Goods for own consumption

HOUSEHOLD NON-CONSUMPTION EXPENDITURE

Payments made by payers for services that cannot be identified and aimed to increase government revenue

Payments that have no direct relation to the acquisition of services received

01



Food and Non-alcoholic Beverages

02



Alcoholic Beverages and Tobacco

03



Clothing and Footwear

04



Housing, Water, Electricity, Gas and Other Fuels

05



Furnishing, Household Equipment and Routine Household

06



Health

07



Transport

08



Communication

09



Recreation Services & Culture

10



Education

11



Restaurants and Hotel

12



Miscellaneous Goods & Services

HOUSEHOLD INCOME AND BASIC AMENITIES QUESTIONNAIRE

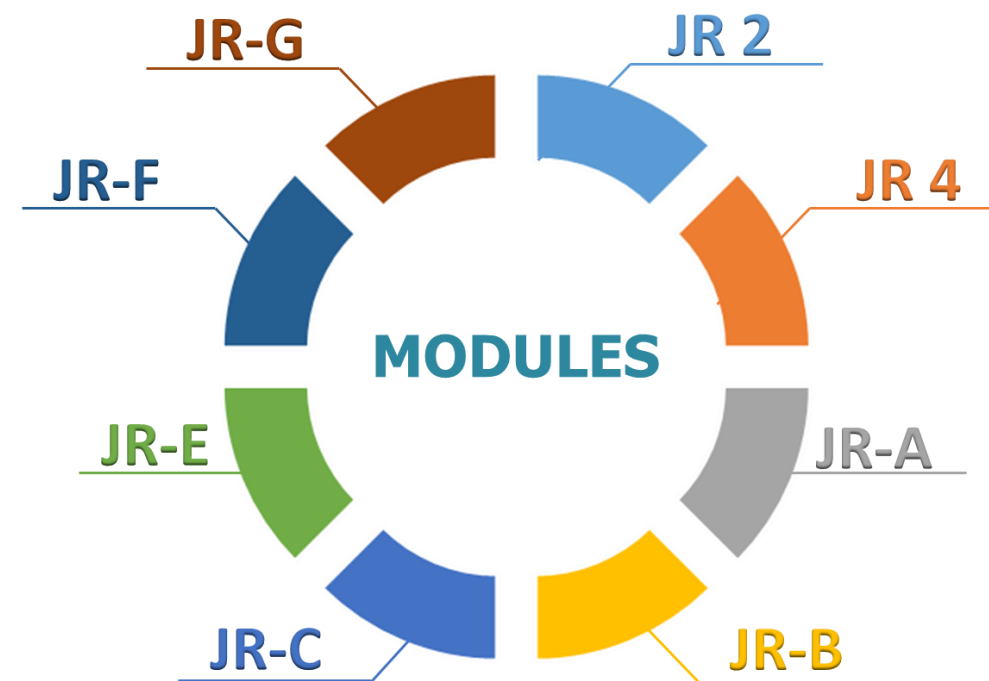




HOUSEHOLD INCOME AND BASIC AMENITIES QUESTIONNAIRE



Module	Description	
JR2	Identification particulars	Record for head of household only such as state, administrative district and living quarters number
JR4	Household members particulars	Record for all members in household which consist of name, gender, age, ethnic group, highest level of formal education and highest certificate obtained
JR-A	Individual and household income	Record for all members in household which consist of activity status, occupation and industry
JR-B	Annual household income during the last 12 months	Record for income recipient only which covers income from; <ul style="list-style-type: none"> 1. Paid employment; 2. Agriculture; 3. ICT activities; 4. Transport; 5. Property; 6. Current transfer received; and 7. Social transfer in-kind
JR-C	Current transfer payment	Consist of transfer payment made by household member who are income recipient
JR-E	Education & Health	
JR-F	Housing	Record consist of question to identify the accessibility of a household to selected amenities and household equipment
JR-G	Household appliances and amenities	
	Monthly household expenditure	To record monthly expenditure made by household



For HIS/BA in 2022, DOSM includes question to identify the impact of COVID-19 on household income. Besides that, DOSM also includes the accessibility of food security for household

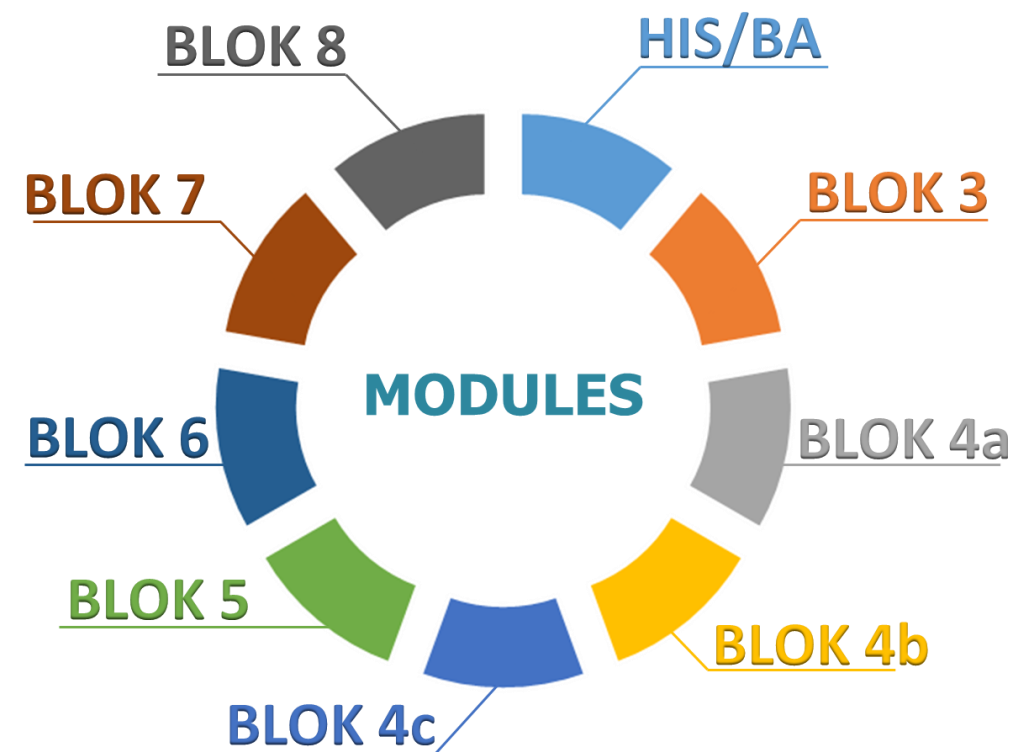


HOUSEHOLD EXPENDITURE QUESTIONNAIRE



Module Description

JR2 – JRC	HIS	Modules are the same as HIS
BLOK 3	Household daily expenditure record	Record for daily expenses made by every household member for 1 month period
BLOK 4a	Expenditure on durable goods	Record durable goods purchased by every household member for the past 11 months
BLOK 4b	Expenditure on semi-durable goods	Record semi-durable goods purchased by every household member for the past 11 months
BLOK 4c	Expenditure on other items and selected services	Record items and selected services purchased by every household member for the past 11 months
BLOK 5	Checklist	Checklist expenditure for 1 month
BLOK 6	Basic amenities	Consist of 4 section the same as HIS
BLOK 7	Balancing sheet	
BLOK 8	Date visit to household	



SELECTED FINDINGS ON 2019 HIS & HES



SELECTED FINDINGS ON 2019 HIS: HOUSEHOLD CHARACTERISTICS



HOUSEHOLD CHARACTERISTICS

Number of Households

2016
6.9
millions



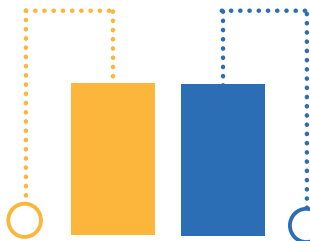
2019
7.3
millions

In 2016,
on average
a household has
4.1 persons



In 2019,
household size
declined to
3.9 persons

In 2016, on
average income
recipient is
1.8 persons



In 2019,
average income
recipient remain
1.8 persons

Total household Income
RM57.5 billion

Mean household Income
RM7,901

WHAT ARE THE MALAYSIAN SOURCES OF INCOME?

**Paid
Employment**



RM4,870 (61.6%)
RM4,382 (63.0%)

**Self
Employment**



RM1,364 (17.3%)
RM1,088 (15.6%)

**Property &
Investment**



RM1,023 (12.9%)
RM897 (12.9%)

**Current
Transfer
Received**



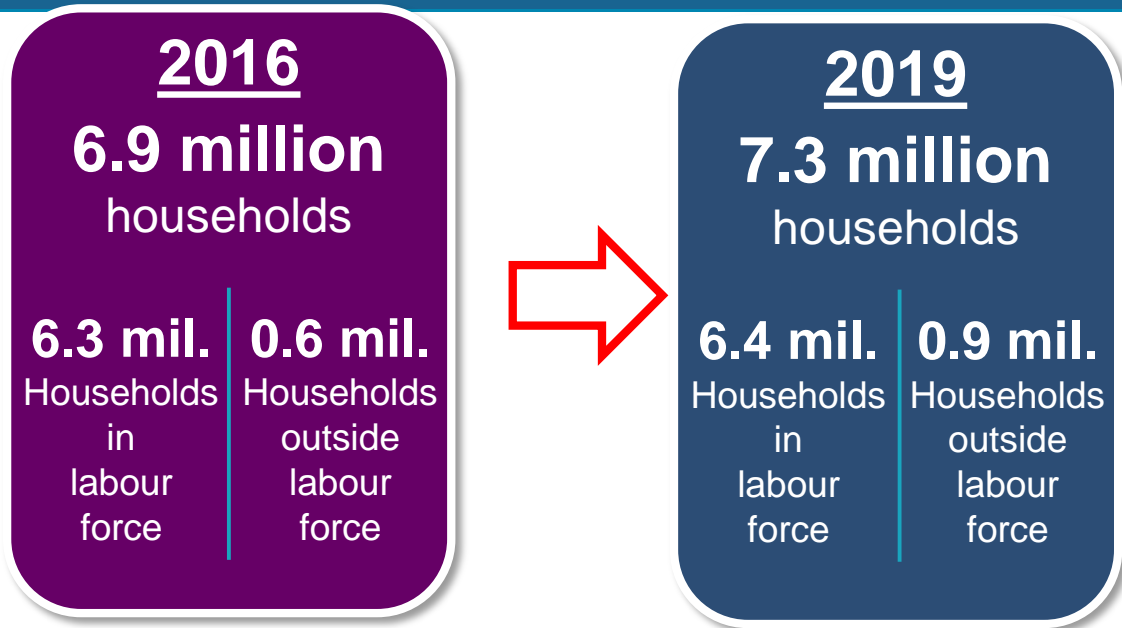
RM644 (8.2%)
RM541 (8.5%)



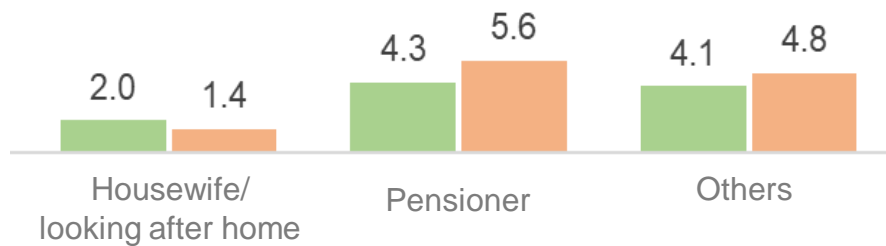
54% of households have
>1 income recipients



PERCENTAGE OF HOUSEHOLD BY ACTIVITY STATUS OF HEAD OF HOUSEHOLD

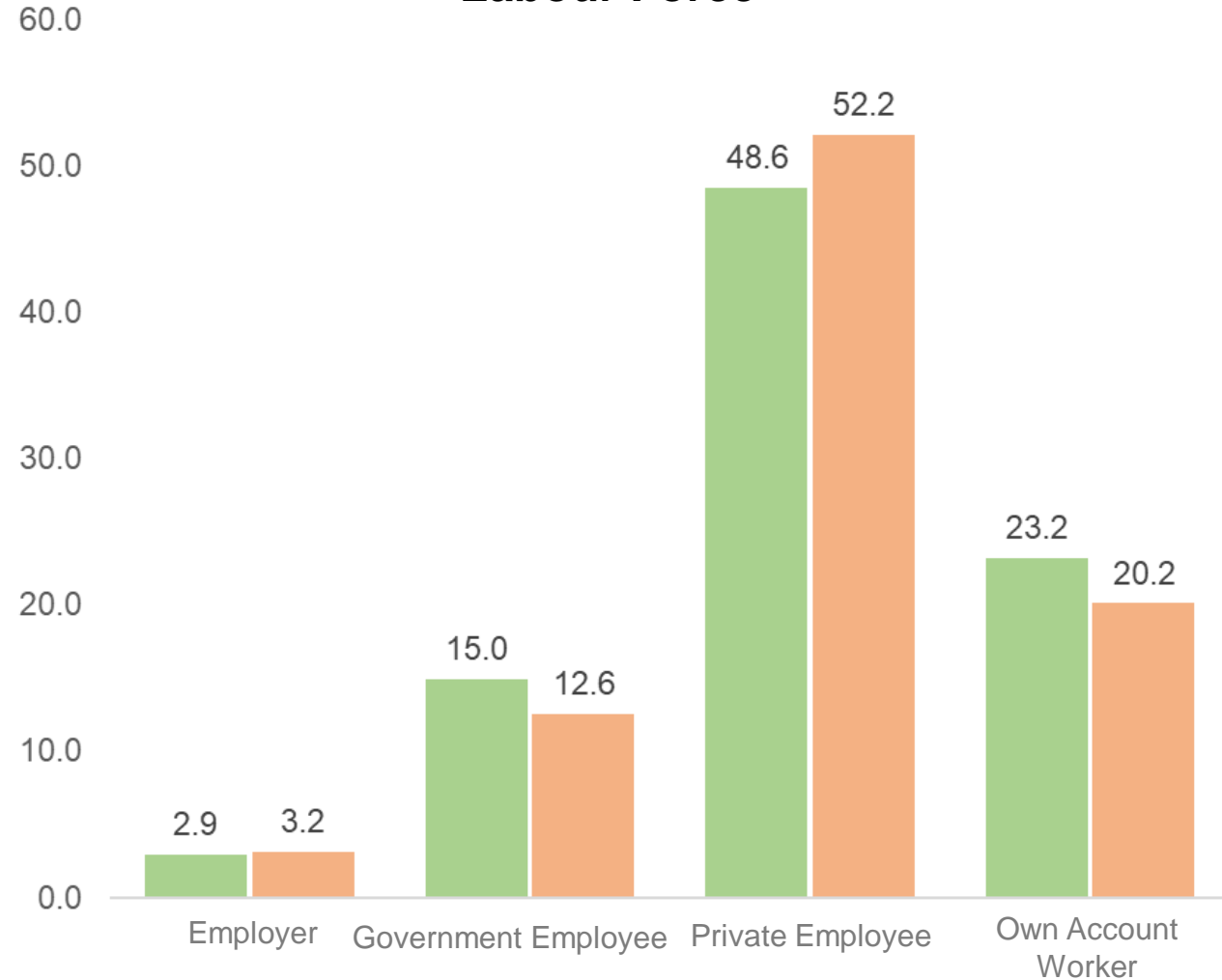


Outside Labour Force



■ 2016 ■ 2019

Labour Force





SELECTED FINDINGS ON 2019 HIS: HOUSEHOLD BY INCOME CLASS



Less than RM2,000

8.8% 5.6%

RM2,000 - RM3,999

26.1% 24.8%

RM4,000 - RM5,999

22.7% 20.8%

RM6,000 - RM7,999

14.6% 15.0%

RM8,000 - RM9,999

9.3% 10.2%

RM10,000 - RM11,999

6.1% 7.1%

RM12,000 - RM13,999

3.9% 4.7%

RM14,000 - RM15,999

2.4% 3.4%

RM16,000 - RM17,999

1.6% 2.2%

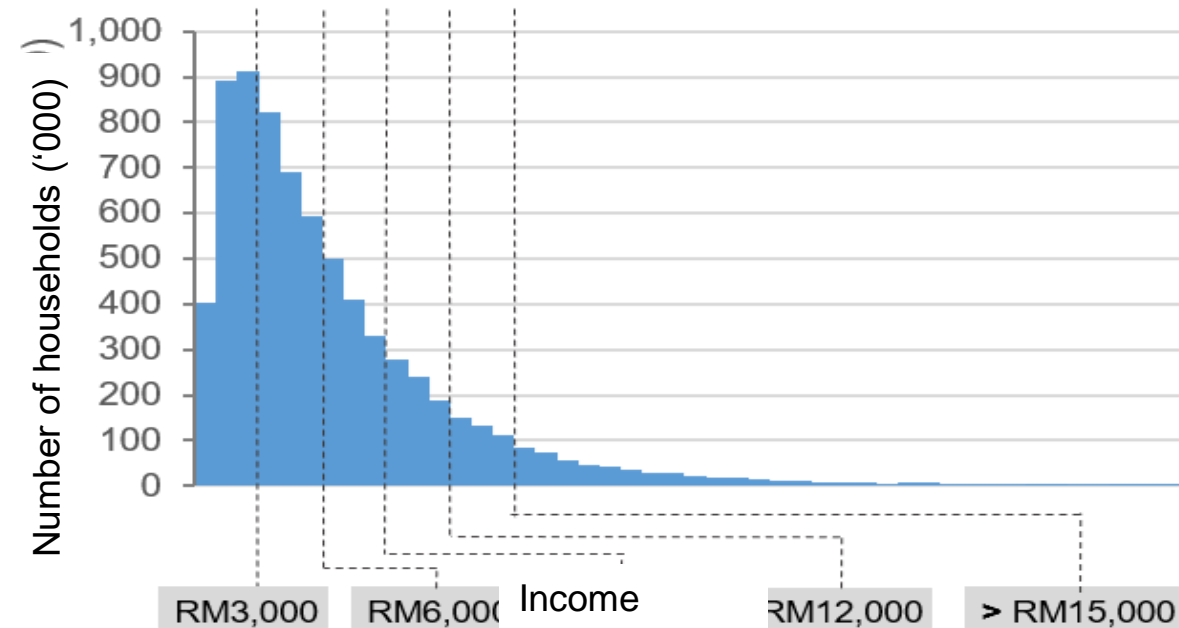
RM18,000 - RM19,999

1.1% 1.4%

RM20,000 and above

3.3% 4.9%

■ 2019
■ 2016



- Household with income less than RM2,000 decreased to 5.6% as compared to 8.8% (2016)
- Household in the income class of RM2,000 to RM3,999 recorded the highest percentage (24.8%)

SELECTED FINDINGS ON 2019 HIS: HOUSEHOLD BY SOURCE OF INCOME & INCOME CLASS



Income Class	2016				2019			
	Paid Employment (%)	Self Employment (%)	Property & Investment (%)	Current Transfer Received (%)	Paid Employment (%)	Self Employment (%)	Property & Investment (%)	Current Transfer Received (%)
Total	63.0	15.6	12.9	8.5	61.6	17.3	12.9	8.2
Less than RM2,000	24.6	17.5	18.3	39.5	16.5	23.4	21.9	38.1
RM2,000 - RM3,999	46.5	17.8	13.8	21.9	42.3	19.2	14.9	23.5
RM4,000 - RM5,999	60.1	15.0	12.5	12.5	56.8	16.4	13.1	13.6
RM6,000 - RM7,999	66.3	13.4	12.3	8.0	63.2	15.3	12.6	9.0
RM8,000 - RM9,999	67.6	13.9	12.5	5.9	66.0	14.9	12.3	6.8
RM10,000 - RM11,999	69.6	13.4	12.3	4.7	68.3	14.1	12.2	5.3
RM12,000 - RM13,999	70.6	13.2	12.2	3.9	70.2	13.7	11.9	4.2
RM14,000 - RM15,999	71.7	11.8	12.7	3.8	71.5	13.3	12.1	3.2
RM16,000 - RM17,999	70.0	14.4	12.6	3.1	70.6	14.3	11.8	3.3
RM18,000 - RM19,999	71.4	12.8	13.4	2.4	68.9	15.7	12.3	3.1
RM20,000 and above	61.9	22.8	13.6	1.7	59.7	24.5	13.4	2.4

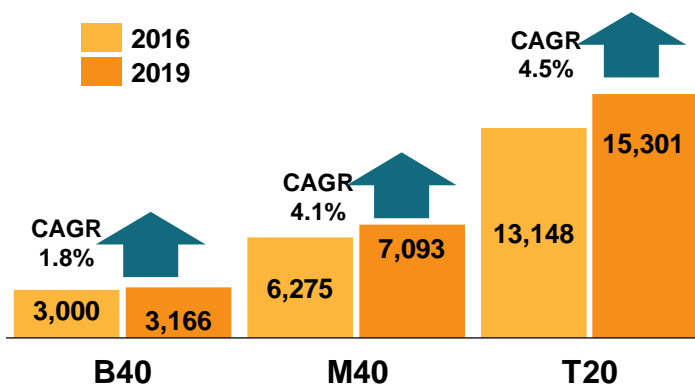
Higher current transfer received for household with income less than RM2,000. Vice versa

As household income increases, the dependency of households on current transfer received decreased.

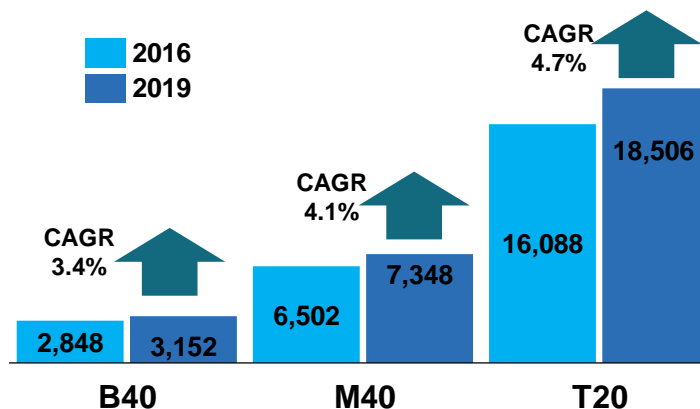
SELECTED FINDINGS ON 2019 HIS: INCOME STRUCTURE BY HOUSEHOLD GROUP



Median Income (RM)



Mean Income (RM)



B40 Threshold
<RM4,360 (2016)
<RM4,850 (2019)

M40 Threshold
RM9,619 (2016)
RM10,959 (2019)



Income Share (%)

	2016	2019	2016	2019	2016	2019
	2.78	2.91	2.78	2.91	1.39	1.46
	16.4	16.0	37.4	37.2	46.2	46.8
	B40		M40		T20	

The income threshold for B40 increased RM4,850 as compared to RM4,360 (2016). However, the income share for B40 decreased to 16.0% as compared to 16.4% (2016)

Decile Group		Income Share (%)	Median of Household Income (RM)	Mean of Household Income (RM)	Income Threshold (RM)
T20	T2	30.7	19,781	24,293	More than 15,039
	T1	16.1	12,586	12,720	10,960 - 15,039
M40	M4	12.3	9,695	9,730	8,700 - 10,959
	M3	9.9	7,828	7,841	7,110 - 8,699
	M2	8.2	6,471	6,477	5,880 - 7,099
	M1	6.8	5,336	5,346	4,850 - 5,879
B40	B4	5.6	4,387	4,395	3,970 - 4,849
	B3	4.5	3,556	3,561	3,170 - 3,969
	B2	3.5	2,786	2,803	2,500 - 3,169
	B1	2.4	1,929	1,849	Less than 2,500



PERCENTAGE OF EXPENDITURE TO INCOME BY STATE, 2019



State	Annual Growth Rate 2016-2019 (%)			Percentage of Expenditure to Gross Income(%)	Percentage of Expenditure to Disposable Income (%)
	Gross Income	Disposable Income	Consumption Expenditure*		
Malaysia	4.2	4.4	4.2	58.8	68.7
Johor	4.9	5.0	4.4	60.5	70.0
Kedah	3.5	4.3	3.4	61.8	68.5
Kelantan	4.8	5.5	4.0	66.9	72.2
Melaka	4.1	4.1	4.9	65.6	73.6
Negeri Sembilan	4.3	4.0	5.6	66.2	76.0
Pahang	4.1	4.2	3.2	65.8	74.0
Pulau Pinang	4.6	5.0	3.2	59.9	69.0
Perak	3.6	4.4	3.5	63.9	73.3
Perlis	3.0	3.8	3.8	63.2	66.7
Selangor	4.5	4.1	4.4	55.5	68.1
Terengganu	5.5	5.5	4.2	64.1	71.4
Sabah	2.3	2.4	4.5	55.4	62.4
Sarawak	3.4	3.7	3.6	59.3	67.7
W.P. Kuala Lumpur	4.2	5.3	4.7	52.7	62.9
W.P. Labuan	0.6	2.3	3.6	52.0	59.0
W.P. Putrajaya	3.5	3.4	4.0	61.3	69.4

Note:













*: Refers to consumption expenditure for Malaysian citizen only

- On average, percentage of expenditure to gross income in 2019 is 58.8%
- Kelantan recorded the highest percentage of 66.9%, followed by Negeri Sembilan (66.2%) and Pahang (65.8%)



SELECTED FINDINGS ON 2019 HES: HOUSEHOLD CONSUMPTION EXPENDITURE BY EXPENDITURE GROUP



	Mean (RM)		Composition (%)		CAGR (%)	
	2016	2019	2016	2019	2014-2016	2016-2019
 Food & non-alcoholic beverages	726	783	18.0	17.3	3.6	2.5
 Alcoholic beverages & tobacco	98	105	2.4	2.3	8.4	2.2
 Clothing & footwear	136	152	3.4	3.4	4.4	3.8
 Housing, water, electricity, gas & other fuels	969	1,068	24.0	23.6	6.4	3.2
 Furnishings, household equipment & maintenance	168	200	4.2	4.4	10.1	5.9
 Health	75	95	1.9	2.1	11.9	8.0
 Transport	553	611	13.7	13.5	2.8	3.3
 Communication	203	229	5.0	5.1	3.5	4.6
 Recreation services & culture	200	229	4.9	5.1	6.8	8.8
 Education	54	70	1.3	1.5	13.6	5.2
 Restaurants & hotels	540	631	13.4	13.9	8.7	4.8
 Miscellaneous goods & services	312	361	7.7	8.0	8.0	8.0
Jumlah Perbelanjaan	4,033	4,534	100.0	100.0	6.0	3.9

SELECTED FINDINGS ON 2019 HES: POPULAR ITEMS FOR FOUR SELECTED EXPENDITURE GROUP



Among the popular items spent by households in Malaysia based on four selected expenditure groups:

1. Rice (**96.9%**)
2. Motor vehicle fuels (**91.8%**)
3. Laundry detergent (**84.9%**)
4. Paid TV channel (**50.1%**)



SELECTED FINDINGS ON 2019 HES: QUANTITY AND CONSUMPTION COST OF SELECTED DAILY ITEMS PER HOUSEHOLD



No.	Items	Household who spent (%)	Average price (RM)	Unit	Quantity consumed	Cost per month (RM)
1	Rice	96.9	3.65	kg	11.9	43.54
2	Chicken	88.8	8.03	kg	6.5	52.41
3	White sugar	87.4	2.85	kg	2.6	7.34
4	Fresh hen's egg	85.4	0.34	each	47.0	15.82
5	Mustard greens	74.2	7.12	kg	0.9	6.48
6	Cooking oil	73.4	4.20	kg	4.9	20.41
7	Big onion	66.0	5.60	kg	1.1	6.12
8	Condensed milk	63.8	2.82	can	2.9	8.18
9	Indian mackarel fish	57.9	14.26	kg	1.6	23.06
10	Wheat flour	57.0	1.91	kg	2.6	5.06
11	Round cabbage	55.3	3.65	kg	1.7	6.16
12	Cuttlefish	53.9	25.39	kg	1.1	27.99
13	Prawn	52.4	30.18	kg	1.2	36.30
14	Banana	40.5	4.17	kg	2.0	8.54
15	Beef	38.8	31.95	kg	1.5	47.21
16	Fresh coconut milk	38.1	10.21	kg	1.0	9.91
17	Apple	36.1	1.20	each	10.1	12.32

Household Income Estimates and Incidence of Poverty, 2020



Household Income Estimates and Incidence of Poverty Report, 2020



DOSM has conducted a study to evaluate the impact of COVID-19 pandemic on household income and poverty for 2020.

Analysis was carried out **based on data from Household Income and Basic Amenities Survey (HIS/BA) 2019**, focusing on the impact of COVID-19 pandemic to household income.

INDICATORS RELATED TO HOUSEHOLD INCOME

- 1 Average salary and wages 
- 2 Employment structure 
- 3 Economic performance by sector 
- 4 Household demography 
- 5 Value of assistance provided by the government throughout the year 2020 

The 2019 household profile was then adapted with the **distribution of 2020 household pattern**.

* While the study does not produce a new Poverty Line Income (PLI) value, Thus the **2019 PLI value is maintained**.

*The analysis was carried out **without conducting the HIS/BA** which is usually conducted **twice in every five (5) years**.



Household Income Estimates and Incidence of Poverty Report, 2020



1. The analysis was carried out using data from the Household Income and Basic Amenities Survey (HIS/BA) 2019, using the 2019 household profile which was then adapted with the distribution of 2020 household pattern.
2. This study uses the extrapolation method to estimate household income in 2020.
3. Extrapolation is a forecasting technique or estimating outside observation range based on its relationship with other variables and some known hypothesis data.
4. Based on the international standard definition on household income, aids provided throughout the MCO are not counted as income received because it is not accrued (recurring and definitely received).
5. However, this analysis has taken into account relevant aids to identify the effect of receiving these aids on household or individual income during COVID-19 pandemic.

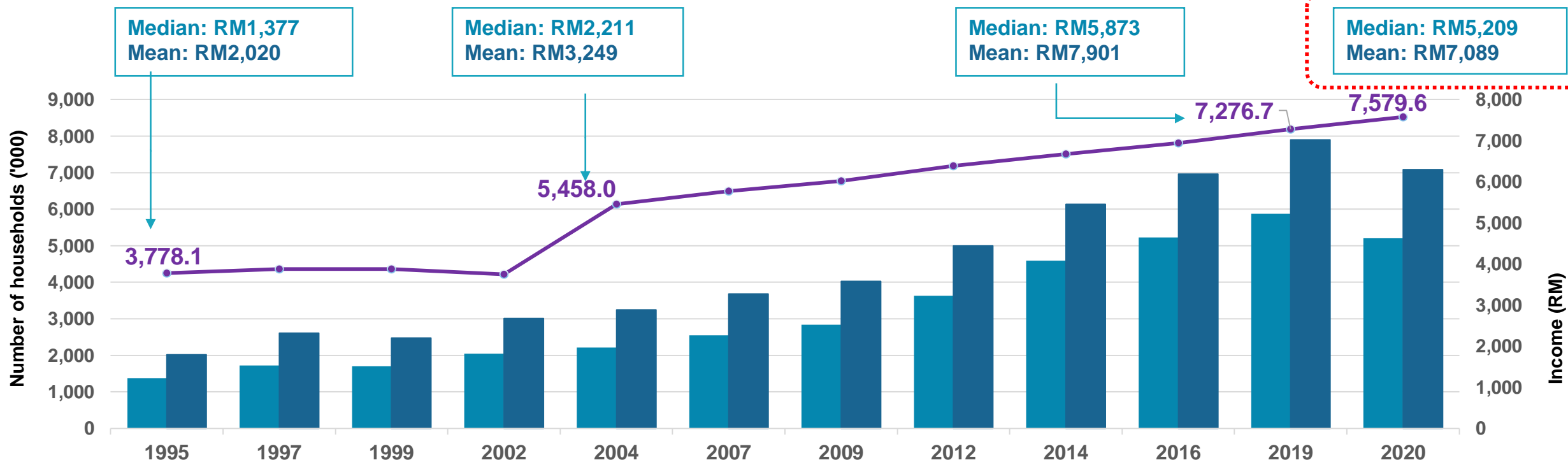
MAIN INDICATOR

- 1 Average salary and wages
- 2 Employment structure by sector
- 3 GDP contribution by sector
- 4 Value of assistance provided by the government throughout the year 2020

MEDIAN AND MEAN OF MONTHLY HOUSEHOLD GROSS INCOME BY STATE, MALAYSIA



The household income estimates and incidence of poverty 2020



- Median, mean and growth rate of monthly household gross income on year 2020 at national level is **RM5,209** and **RM7,089** respectively.
- The **median** of household income recorded a decrease of **negative 11.3%** compared 3.9% (2019)
- The **mean** of household income decrease of **negative 10.3%** compared 4.2% (2019)



HOUSEHOLD INCOME BY STATE



Income based on sources



Paid Employment

RM4,090

2019 : RM4,870

Growth Rate
2019-2020

16.0
per cent



Self Employment

RM1,232

2019 : RM1,364

Growth Rate
2019-2020

9.7
per cent



Current Transfer Received

RM737

2019 : RM644

Growth Rate
2019-2020

14.4
per cent

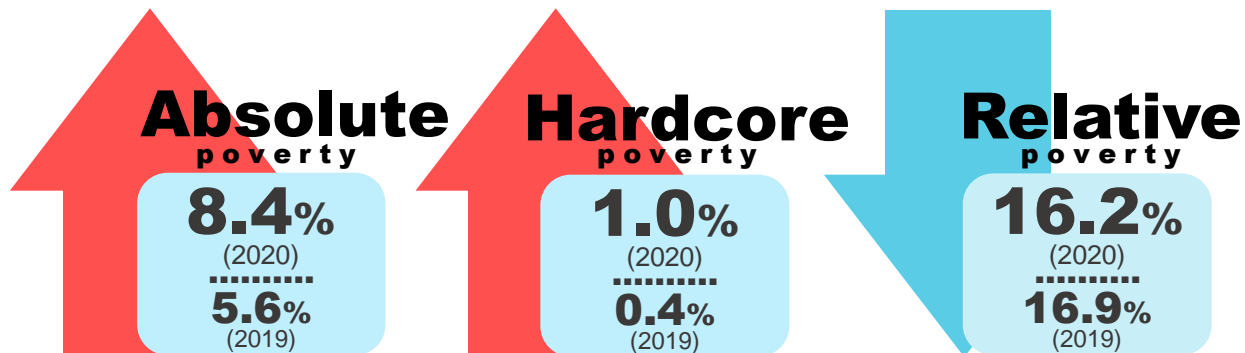
- Mean and median of monthly household income by national level decreased by 10.3% and 11.3% as compared to previous year
- **All states** recorded decrease of household income (mean and median)
- **W.P. Putrajaya** recorded the **lowest decrease** of household income (median & mean)



INCIDENCE OF POVERTY AND INCOME INEQUALITY 2020

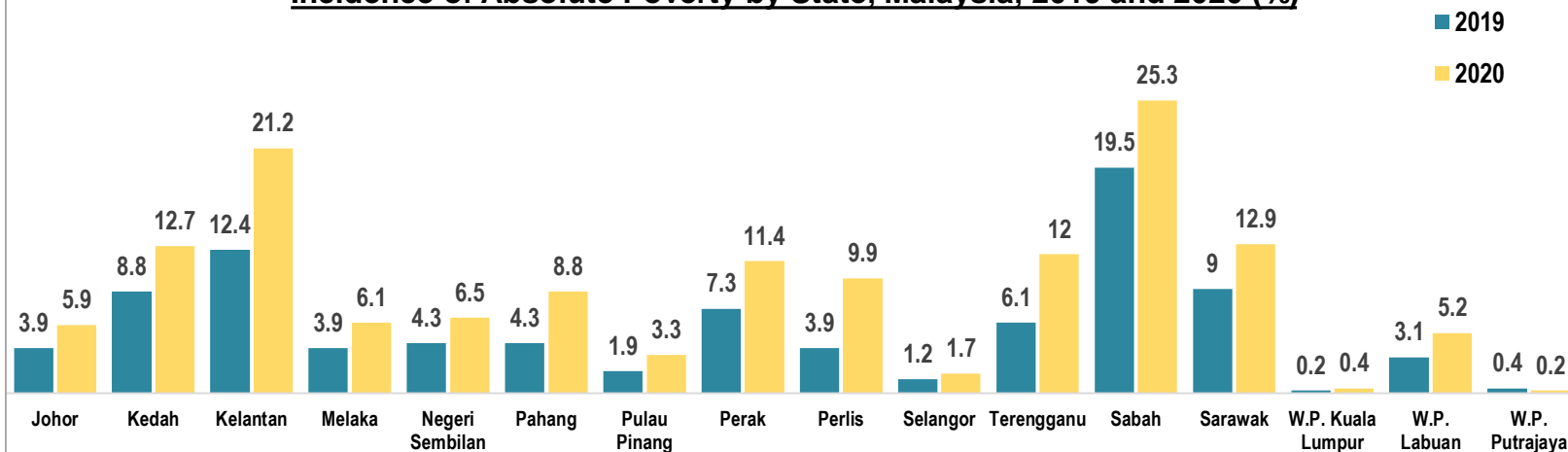


In the year 2020, estimated that
639.8 thousand of households falls
under **absolute poor household**

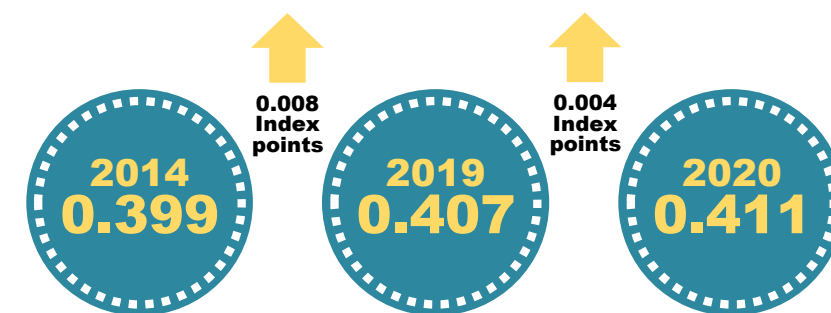


- 01** Sabah recorded the highest percentage of 25.3 per cent (2019: 19.5%)
- 02** Kelantan recorded a significant increase in poverty by 8.8 percentage points to 21.2 per cent from 12.4 per cent (2019)
- 03** Terengganu recorded increase by 5.9 percentage points to 12.0 per cent from 6.1 per cent (2019)

Incidence of Absolute Poverty by State, Malaysia, 2019 and 2020 (%)



Income Inequality



The national Gini coefficient recorded an increase by 0.004 index points to 0.411 (2019: 0.407)

RESEARCHES BASED ON HIES/BA DATA





1

COST OF LIVING

Journal Title :

The Effects of Fuel Price Fluctuation on Household Income in Malaysia

Abstract :

This study investigates the total, direct and indirect effects of fuel price fluctuations on household income in Malaysia due to subsidy removal

Methodology:

To measure the real income effects of fluctuations in fuel prices, this study used secondary data from the Households Income Survey (HIS) and Household Expenditure Survey (HES) for three different periods specifically 2009/10, 2014 and 2016.

2

LIFESTYLE

Journal Title :

Household Expenditure on Sugar-added Foods and Beverages in Malaysia: Evidence From Quantile Estimation

Abstract :

The study attempts to examine factors affecting household expenditure on sugar-added foods and beverages (SAFB) in Malaysia

Methodology:

Secondary analysis of the data extracted from the Malaysian Household Expenditure Survey (HES) 2014 was used

3

WELL-BEING

Journal Title :

Living Arrangements of Elderly: Evidence from Household Income and Expenditure Survey

Abstract :

The purpose of this paper is to determine the factors influencing living arrangements for the elderly in Malaysia

Methodology:

This study used the 2009 Household Income Expenditure (HIES) data provided by the Department of Statistics (DOS) and Economic Planning Unit (EPU), Malaysia.

4

INEQUALITY

Journal Title :

Decomposing Inequality in Household Consumption Expenditure in Malaysia

Abstract :

This study aims to examine the sources and determinants of consumption expenditure inequality in Malaysia as well as to quantify their proportional contributions to the total explained Inequality

Methodology:

This study used the 2009 Household Income Expenditure (HIES) data provided by the Department of Statistics (DOS) and Economic Planning Unit (EPU), Malaysia



5

LIFESTYLE

Journal Title :

Food Away From Home of Middle-income Earners: Empirical Evidence from The Three Major Cities in Malaysia

Abstract :

To analyze middle income household expenditure patterns on food away from home in the three major cities of Malaysia that have a high cost of living

Methodology:

This study used the 2014 Household Expenditure Survey (HES) data provided by the Department of Statistics (DOSM)

6

LIFESTYLE

Journal Title :

Assessing Progressivity of Out-of-pocket Expenditures for Health Care: Evidence From Households in Malaysia

Abstract :

To assess the progressivity of OOP payments for health care among Malaysian households.

Methodology:

This paper used cross-sectional nationally representative data derived from the Malaysian Household Expenditure Survey (HES) 2014/15, which comprised of 14,473 households

7

LIFESTYLE

Journal Title :

Determinants of Muslim Household Basic Needs Consumption Expenditures

Abstract :

This paper identifies the factors contributing to basic needs consumption comprising food, housing, transportation and communication

Methodology:

Findings based on Household Expenditure Survey (HES) 2016, Malaysia, which covers the urban and rural strata for all states.

8

LIFESTYLE

Journal Title :

Middle Income Household Spending Patterns on Housing in Malaysian State Capital Cities: Where Does All the Money Go?

Abstract :

Examines the factors influencing the expenditure pattern of middle-income households on housing by focusing on mortgage and rental expenses.

Methodology:

This study used the 2010 & 2014 Household Expenditure Survey (HES) data provided by the Department of Statistics (DOSM)



9

LIFESTYLE

Journal Title :

A Cross-sectional Household Analysis of Household Consumption Patterns: An Indirect Approach to Identify the Possible Factors of Personal Bankruptcy

Abstract :

This paper investigates the relationship between consumption patterns and income of Malaysians by examining income elasticity using the Engel curve

Methodology:

Data were collected from the Household Expenditure Surveys of 2004, 2009, and 2014

10

LIFESTYLE

Journal Title :

Household expenditure on food at home in Malaysia

Abstract :

The objectives of this study are to investigate the food expenditure patterns of different income groups and the relationships between household characteristics and expenditure patterns

Methodology:

Household Expenditure Survey 2004/2005 data from Department of Statistics was used to analyze the food expenditure pattern of households

11

WELL-BEING

Journal Title :

Household Size Economies: Malaysian Evidence

Abstract :

The objectives of this study are to investigate the food expenditure patterns of different income groups and the relationships between household characteristics and expenditure patterns

Methodology:

Household Expenditure Survey 2004/2005 data from Department of Statistics was used to analyze the food expenditure pattern of households.

12

INEQUALITY

Journal Title :

Measuring Income Inequality in Malaysia Based on Household Income Surveys

Abstract :

Examine the changes in income inequality based on three different indices (Gini, Atkinson and generalized entropy)

Methodology:

Household Income Survey 2007-2014 data from Department of Statistics.



13

INEQUALITY

Journal Title :

Malaysian Household Income Distribution: A Fractal Point of View

Abstract :

Analyzed the data in terms of different classes of occupation, obtained power-law exponents for each class and then highlighted the inequality between these classes

Methodology:

Data used are from the Household Income Survey of 2007-2014

14

COST OF LIVING

Journal Title :

High Cost of Living in Malaysia: Slow Household Income Growth or Rising Standard of Living?

Abstract :

study the increase in the cost of living by studying the two main factors that contribute to the increase in the cost of living, namely the low income factor and the increase in living standards that are too fast

Methodology:

Household Income Survey 2014 data from Department of Statistics

15

MULTI-DIMENSIONAL POVERTY INDEX

Journal Title :

Factors of Urban Poverty on the Development of Education of the Late Bloomers

Abstract :

The objectives of this study are to investigate the food expenditure patterns of different income groups and the relationships between household characteristics and expenditure patterns

Methodology:

Household Income Survey 2019 data from Department of Statistics was used.

"STATISTICS BLOOM IN HARMONY"

Doesn't matter far or near
Strength in numbers
we don't live in fear

Birds of feather flock together
Statistics our form of adour
We, will always live it up

So let us live in solidarity
And in the world arena we'll
succeed

It is statistics that will come to be
The reason we will bloom in
harmony

Everybody undivided
Data's where our hearts reside in
There will always be a bind

Just like fire that ignites
That's how brightly lit our dreams are
We'll reach higher than the stars

Sending love to one another
Leaving no one in a slumber
We will stand with unity

Mustering our courage while
Embracing our disparities
We'll achieve our victory

One dream with unity
One love with harmony



"STATISTICS BLOOM
IN HARMONY"
VIDEO

<https://bit.ly/StatisticsBloomInHarmony>

THANK YOU



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