



MINISTRY OF ECONOMY
DEPARTMENT OF STATISTICS MALAYSIA

Statistical Capacity Building (StatCaB) Programme
Training Course on 'Basic Statistics for Diplomats'

POPULATION AND HOUSING CENSUS OF MALAYSIA 2020 (MyCensus 2020)

BY:

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DEPARTMENT OF STATISTICS MALAYSIA

22 MARCH 2023 (WENDESDAY)



**MALAYSIA
MADANI**



   
StatsMalaysia
www.DOSM.gov.my





01

Malaysia's Experience on MyCensus 2020

02

Interpretation data & Analysis of MyCensus 2020

03

Dissemination of MyCensus 2020

04

Way Forward

1. Malaysia's Experience on Population and Housing Census 2020 (MyCensus 2020)





LEGISLATION

In 1965, the Bureau of Statistics changed its name to the Department of Statistics Malaysia (under Prime Minister's Department)

On 10 March 2020, the Department of Statistics Malaysia is under the purview of Prime Minister's Department (Economy)

1949

1965

2018

2020

2022

Established in 1949 under the Statistics Act 1949 known as the Bureau of Statistics

Department Of Statistics Malaysia under the Ministry of Economic Affairs

In December 2022, Department Of Statistics Malaysia under the Ministry of Economy

LAWS OF MALAYSIA

Act 415

STATISTICS ACT 1965

(REVISED-1989)

Under the **Statistics Act 1965** (Revised - 1989), the functions of DOSM [Section 2] are:

To collect and interpret statistics for the purpose of formulation or implementation of government policies....

**Statistics Act 1965
(Revised-1989)**



LAWS OF MALAYSIA

REPRINT

Act 16

CENSUS ACT 1960

Incorporating all amendments up to 1 January 2006

Under **Census Act 1960**:

The Yang di-Pertuan Agong may, by notification in the Gazette, from time to time direct that a census to be taken throughout Malaysia of the Population, Agriculture, Trade, Labor, Industry, Commerce....

**Census Act 1960
(Revised-1969)**

THE EVOLUTION OF MYCENSUS ...



Approach: De Facto

1970

Conducted in 2 stages:

27 July 1970 (Housing), 25 August 1970 (Population)

Mode: Face-to-face interview

1980

Approach: De Facto

Conducted in 2 stages:

17 May 1980 (Housing), 11 June 1980 (Population)

Mode: Face-to-face interview

Approach: De Facto & De Jure

1991

Conducted in single stage on 14 August 1991

Mode: Face-to-face interview

2000

Approach: De Jure

Conducted on 5 July 2000

Mode: Face-to-face interview

Approach: De Jure

2010

Conducted on 6 July 2010

Mode: Face-to-face interview, Drop Off Pick Up (DOPU) & e-Census

2020

Approach: De Jure

Conducted on 7 July 2020 until 31 October 2021

Mode: Online and Face-to-face interview using e-Census, CAPI, PAPI, CATI and DOPU (+ Administrative data)



MAIN OUTCOME OF MYCENSUS 2020



NATIONAL AGENDA

INPUT FOR EVIDENCE-BASED DECISION-MAKING

- **Population Policy**
National Older Persons Policy
- **Housing Policy**
National Housing Policy
- **Education Policy**
National Education Policy
- **Security Policy**
National Social Policy
- **Health Policy**
National Adolescent Health Policy
- **Financial Policy**
- **Fiscal Policy**
- **Budget Policy**

INPUT

- **Determination of Per Capita Grant**
- **Fundamentals for the Constitutional Democracy Process**
- **Balance & Sustainability of Urban and Rural Development**

BENCHMARK

Measurement of Sustainable Development Goals (SDGs)

- i. 11 from 17 *goals*
- ii. 110 from 169 *targets*

Latest Benchmark & Achievement Assessment

- i. National Level
- ii. International Level

Key Statistical Benchmark

- i. Poverty rate
- ii. Enrolment rate
- iii. Labour force participation rate
- iv. Unemployment rate
- v. GDP per capita rate
- vi. Demographic indicators

NATIONAL STATISTICAL SYSTEM

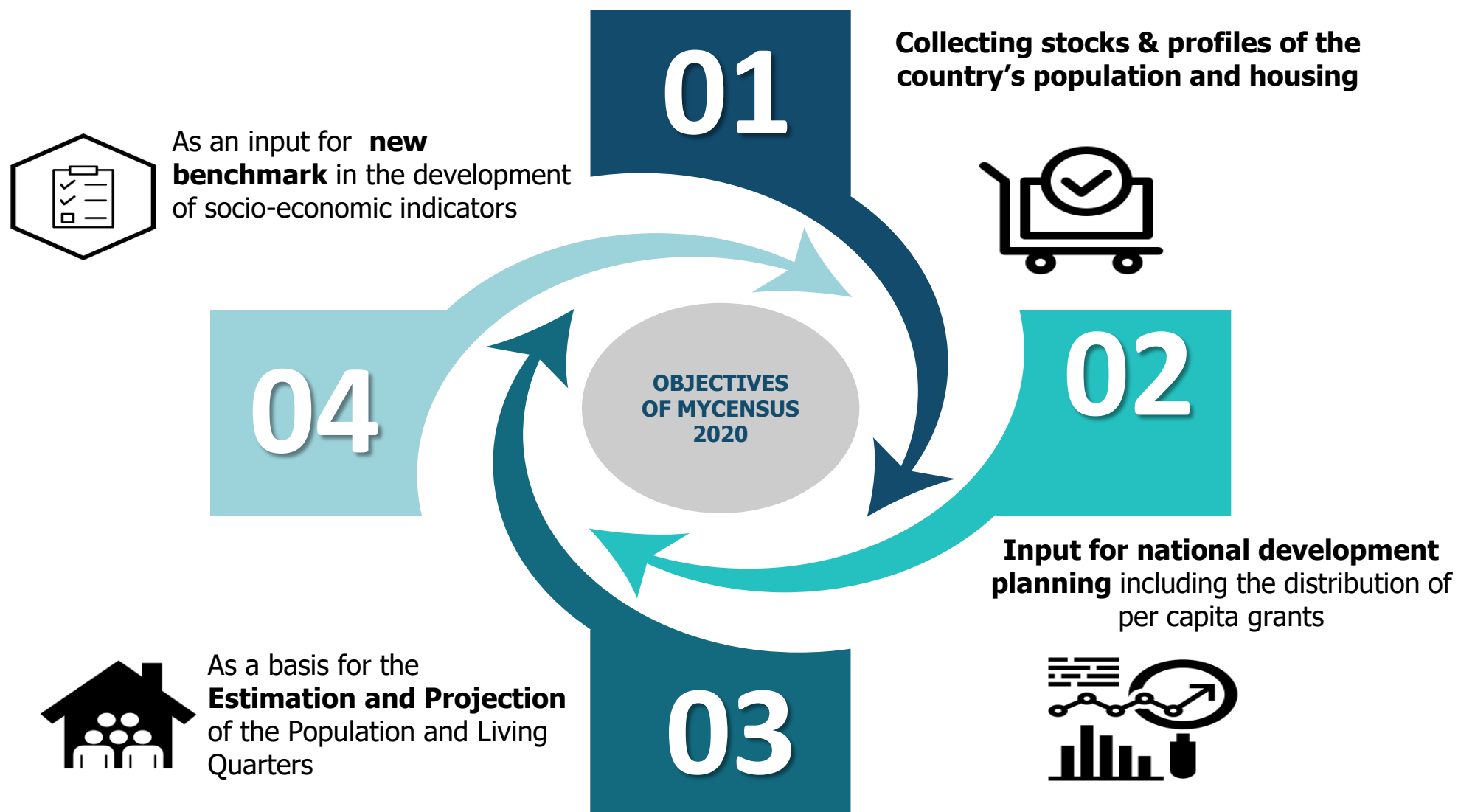
Malaysia Statistical Address Register
Scientific and efficient household sampling method

Malaysia Statistical Population Register
Census of population through updating of population information from time to time

Strengthening Information Technology Infrastructure and Computing
Investment on Infrastructure and system modernisation to enhance the production of national statistics

As a **database for implementation of the Agricultural Census**

OBJECTIVES OF MYCENSUS 2020





COVERAGE OF CENSUS



“The goal is to count everyone once and in the right place”



Households and institutional living quarters

Citizens or
non-citizens of
Malaysia that have
stayed or intended
to stay in Malaysia
for more than
6 months



New born Babies

Babies born ON
OR BEFORE
Census Day and
STILL LIVING on
Census Day
(7 July 2020)



Passed Away

Those who passed
away ON OR AFTER
Census Day
(7 July 2020)



Others

Lodgers, boarders,
visitors, housemaid,
elderly persons and
relatives who
usually live together
with the Household



MYCENSUS 2020 DAY



The MyCensus 2020 Day takes into account that the date is **free from major events** that may lead to **the occurrence of mobility or active population movement** as follows:



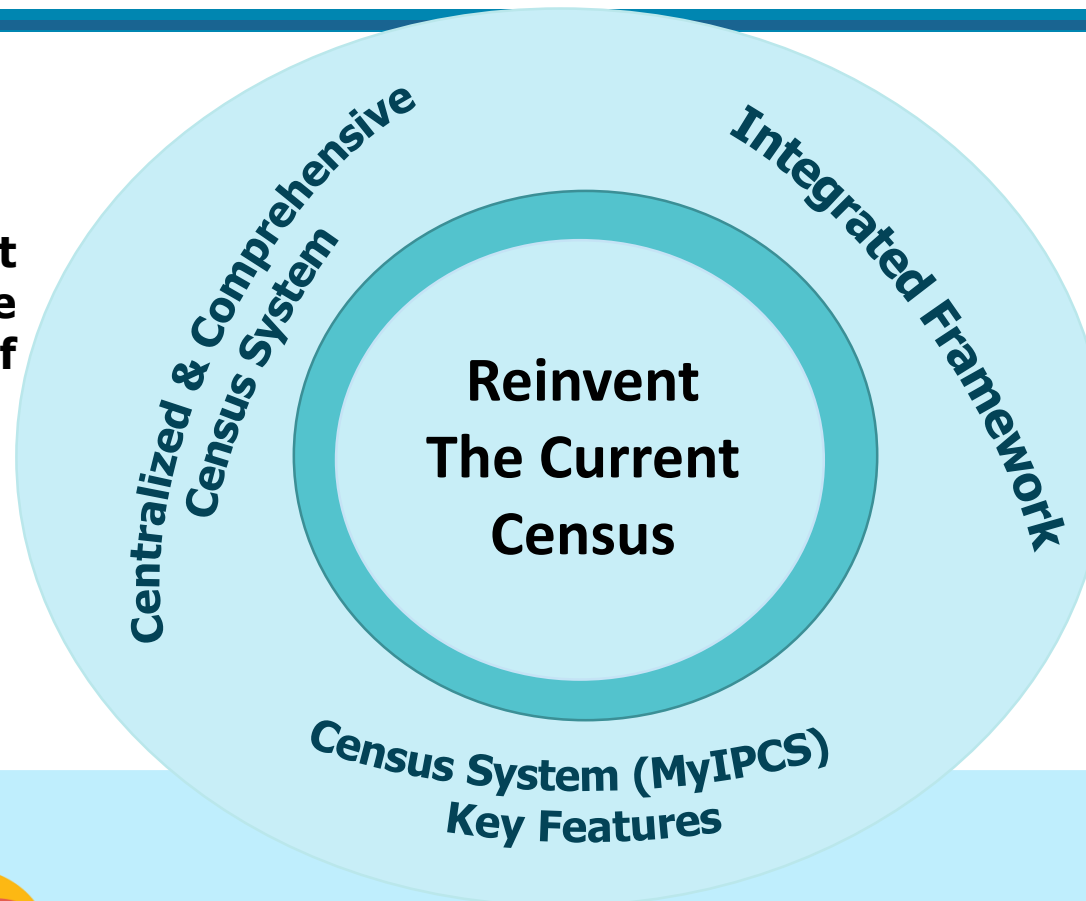


REINVENT THE CURRENT CENSUS



Be a key & important source in the implementation of the Census 2020.

Information gateway.



Covering the process of complex data collection, analysis & dissemination

MyIPCS – The latest innovation to ensure that the census data can be generated more quickly for planning & development purposes



Smart listing & smart map



Integrated database



5 modes enumeration



System notifications



Smart search



Dual language



Analytics & Infographic



Web responsive



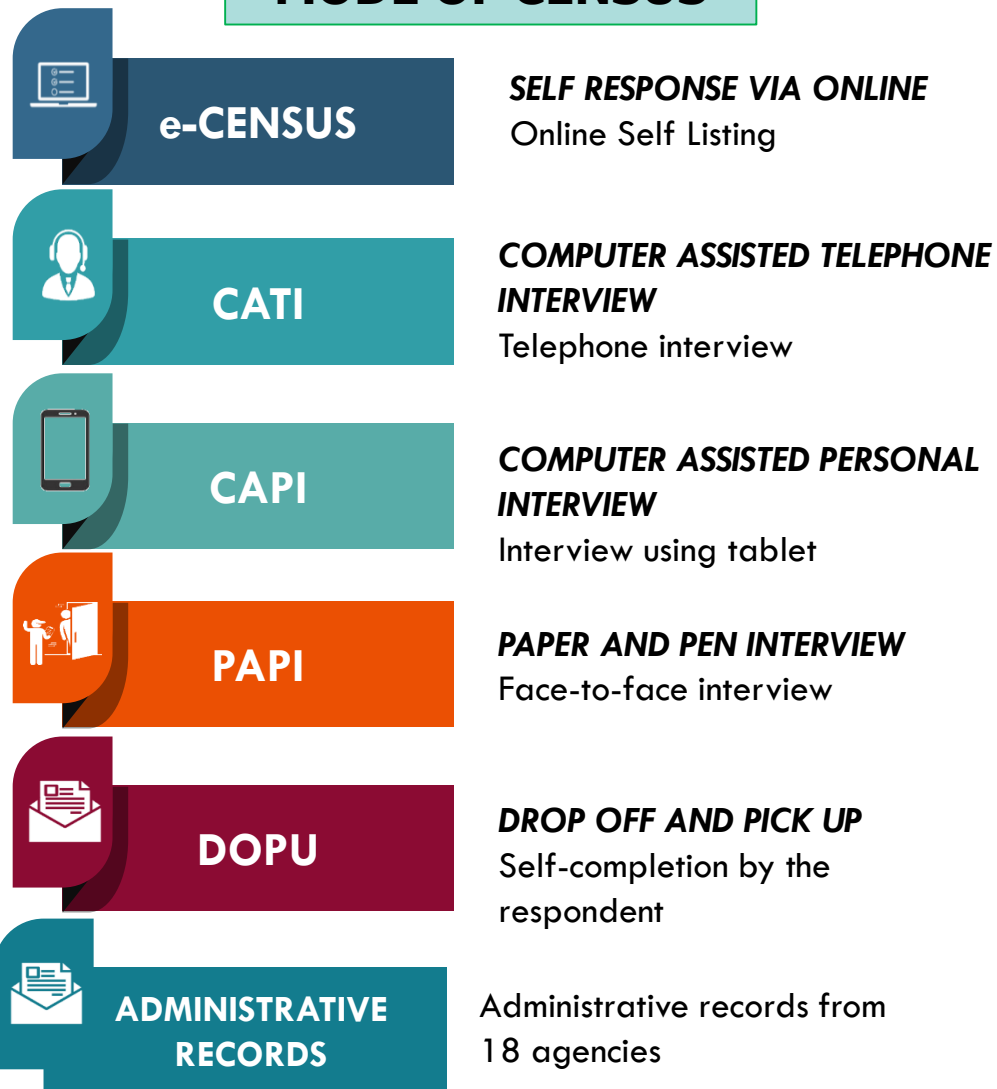
Code classification



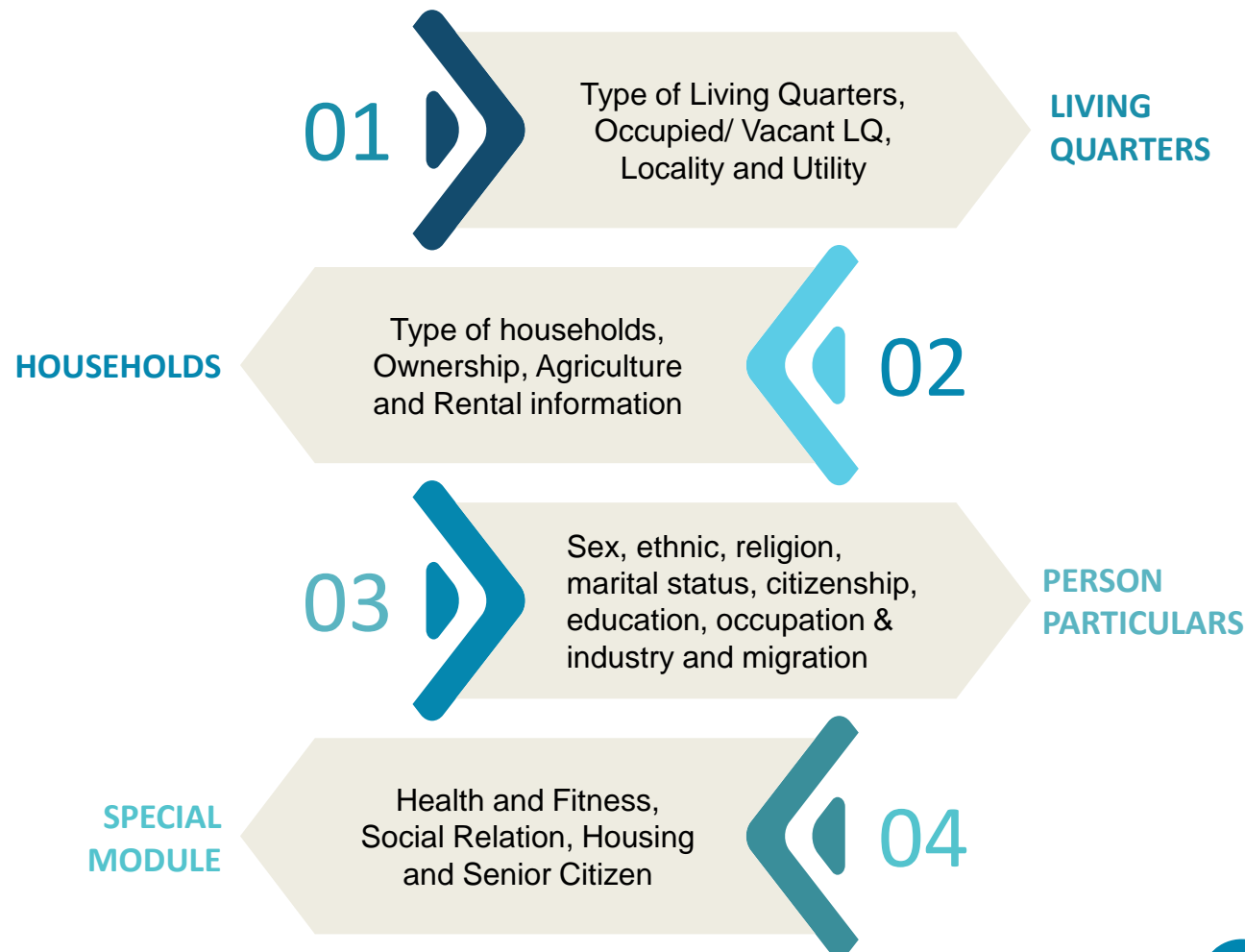
MODE OF CENSUS AND MAIN PARAMETERS



MODE OF CENSUS



MAIN PARAMETERS FROM CENSUS QUESTIONS



108 Number of Questions

❑ Number of questions that are required to be answered by respondents according to age category:

Category	Below than 3 Years old		3 – 9 Years old		10 – 14 Years Old		15 – 20 Years Old		21 – 59 Years Old		More than 60 Year Old	
	M	F	M	F	M	F	M	F	M	F	M	F
Attend school	12	12	15	15	23	24						
Does not attend school			13	13	21	22						
Schooling & Working							34	35	37	38	41	42
Attend school & Not Working							33	34	36	37	40	41
Does not attend school & Not Working							30	31	33	34	37	38
Does not attend school Not working							29	30	32	33	36	37

❑ Example of questions that require some time to answer are:

Question E23 (a) and (b) on Occupation

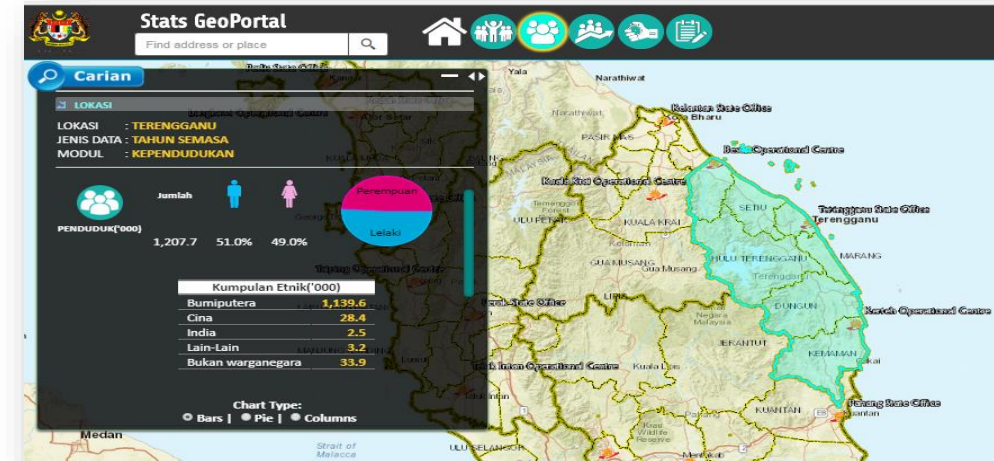
Question E24 (a) and (b) on Industry



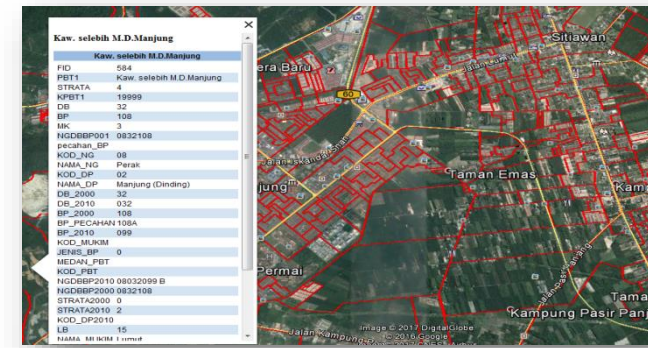
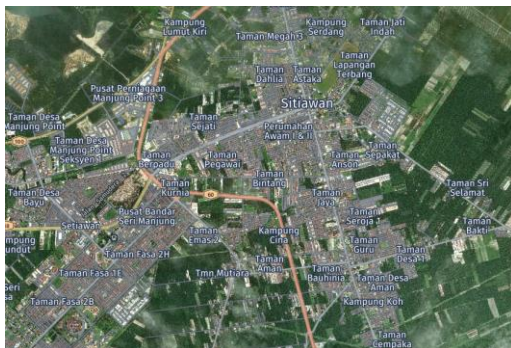
MODERNISATION OF MYCENSUS 2020



CENSUS & GEOSPATIAL PORTAL



USAGE OF IMAGE SATELLITE IN FRAME UPDATING AND MAPPING





MODERNISATION OF MYCENSUS 2020



3. ONLINE SELF LISTING (OSL)

Jabatan Perangkaan MALAYSIA

Sila masukkan nombor PIN:

Sign in

Jabatan Perangkaan Malaysia Online Self Listing

eForm

Alamat Lengkap

Nombor Rumah / Lot / Blok: 1/15
Nama Bangunan / Apartment / Kondominium: QUARTERS
Nama Jalan / Batu / Lorong / Part: JALAN SERI
Nama Taman / Kampung / Desa / Presint: NOT FOUND
Bandar: AYER KEROH
Poskod: 75450
Negeri: MELAKA

Pengesahan eForm

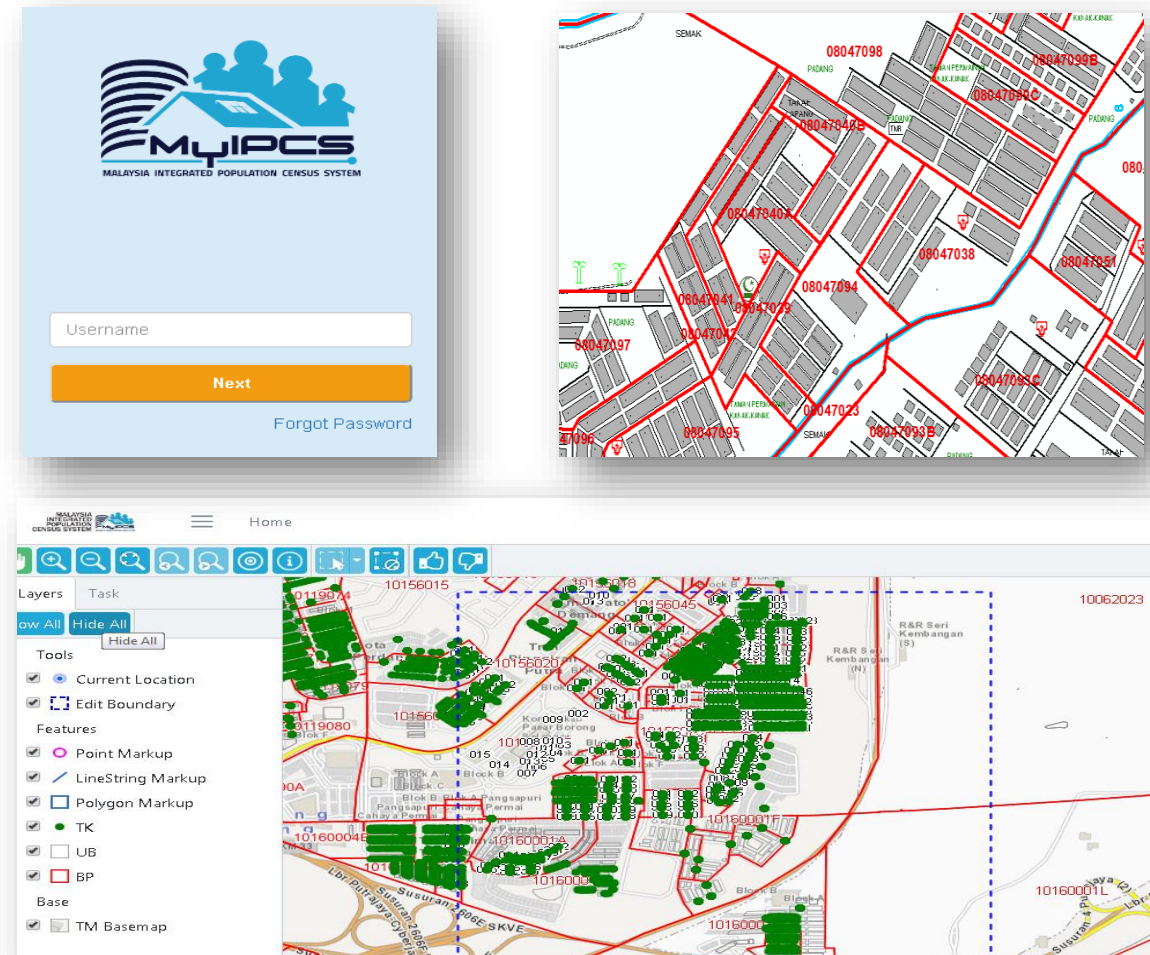
Alamat

Nombor Rumah / Lot / Tingket / Blok: 1/15
Nama Bangunan / Apartment / Kondominium: QUARTERS
Nama Jalan / Batu / Lorong / Part: JALAN SERI
Nama Taman / Kampung / Desa / Presint: NOT FOUND
Bandar: AYER KEROH
Poskod: 75450
Negeri: MELAKA
Status Tempat Kediaman: Didani
No. Siri Lokati (untuk Sarawak shj.):
No. Siri UB: 20
No. TK/TKUB/TK: 10616
No. Siri TK/TKUB/TK Asal: 48
No. IR Asal: 1

Buku Butir Tempat Kediaman

Kod TK/TKUB/TK: TK Perseorangan
TK Ini Diisewa: Tidak
Kod Struktur Bangunan: Dulu

4. DOSM SMART LISTING/MAP (DSL/DSM)





e-CENSUS FLOW

RECEIVE INVITATION CODE BY POSTCARDS AND PRE-REGISTRATION



Used by
RESPONDENTS
via **PORTAL**
e-CENSUS

<https://ecensus.mycensus.gov.my/>



START

e-CENSUS REGISTRATION

Respondents enter personal information:

1. Name
2. Address
3. Email
4. Telephone number

ENTER INVITATION CODE (NGDBBPTK) [Refer to Postcards or Pre-Registration Census]

RECEIVE OTP (e-CENSUS REGISTRATION)

SIGN IN *Enter telephone number

COMPLETE THE QUESTIONNAIRE

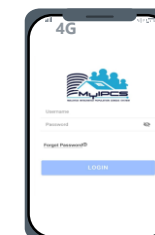
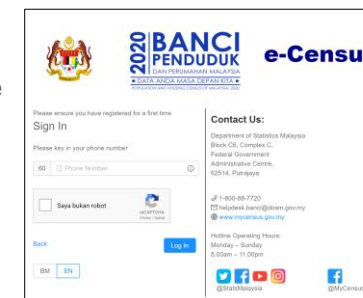
*Through e-Census
[Completion for every member/
household]

DECLARATION AND SUBMISSION

*Ensure information provided are
complete

e-CENSUS COMPLETION

*Enumerator receive
notification via Smart CE





ADJUSTMENTS IN MYCENSUS 2020 SCHEDULE



12 July 2017 Census Day 7 July 2020 e-Census 20 June - 9 July 2020 Face-to-face 7 - 24 July 2020	4 June 2020 Adjustment of MyCensus 2020 in two phases: First Phase (e-Census) 7 July - 30 Sept. 2020 Second Phase (Face-to-face) 7 - 24 October 2020	5 October 2020 Rescheduling of the MyCensus 2020: First Phase (e-Census) 7 July - 21 Dec. 2020 Second Phase (Face-to-face) 20 Jan. - 6 Feb. 2021	11 January 2021 Rescheduling of the MyCensus 2020: First Phase (e-Census) 7 July 2020 - May 2021 Second Phase (Face-to-face) <i>Subject to an approval from the Government of Malaysia</i>	4 August 2021 MyCensus 2020 continues First Phase e-Census & CATI Proceed Second Phase (Face-to-face) Proceed until October 2021	31 October 2021 MyCensus 2020 operation officially ends
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01

COVID-19 Pandemic

Movement Control Order (MCO)
 effective on **18 March - 12 May 2020**

02

Upsurge of COVID-19 cases

Conditional MCO was implemented in selected states from **27 October until 6 December 2020**

03

COVID-19 Pandemic

Movement Control Order (MCO) 2.0
 effective on **13 Jan. - 18 Feb 2021**

04

COVID-19 Pandemic

Movement Control Order (MCO) from 12 May - 1 June 2021

05

COVID-19 Pandemic

Movement Control Order (MCO) 3.0

 1 - 14 June 2021
 15 - 28 June 2021
 (Total lock down)



WHY MALAYSIA PROCEEDS WITH MYCENSUS 2020?



1

Field Operation

- Streamlining the **strategy for field operation** in line with the timeline adjustment.

2

Census Questionnaire

- Census **questionnaire has been approved and being used** during trial census.
- **Questionnaire has been distributed** to DOSM state offices.

3

System for MyCensus 2020

- Malaysia Integrated Population Census System (**MyIPCS**) is a **centralised and comprehensive census system** that provide a uniform and integrated framework has been **developed and in operation**.

4

Logistics

- **Storage arrangement in nationwide** for keeping census questionnaire and other census materials has been finalised.

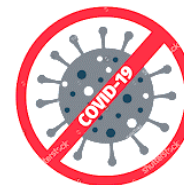
5

Engagement & Collaboration

- **Engagement and Collaboration** with Stakeholders at State **already established**.



Re-adjustment of Census schedule



COVID-19 pandemic



Adjustment in Enumeration Mode

Optimising the usage of e-Census and telephone interview (CATI) as the main mode of response



Challenges in recruitment of census enumerators

Possible COVID-19 infection among census enumerators

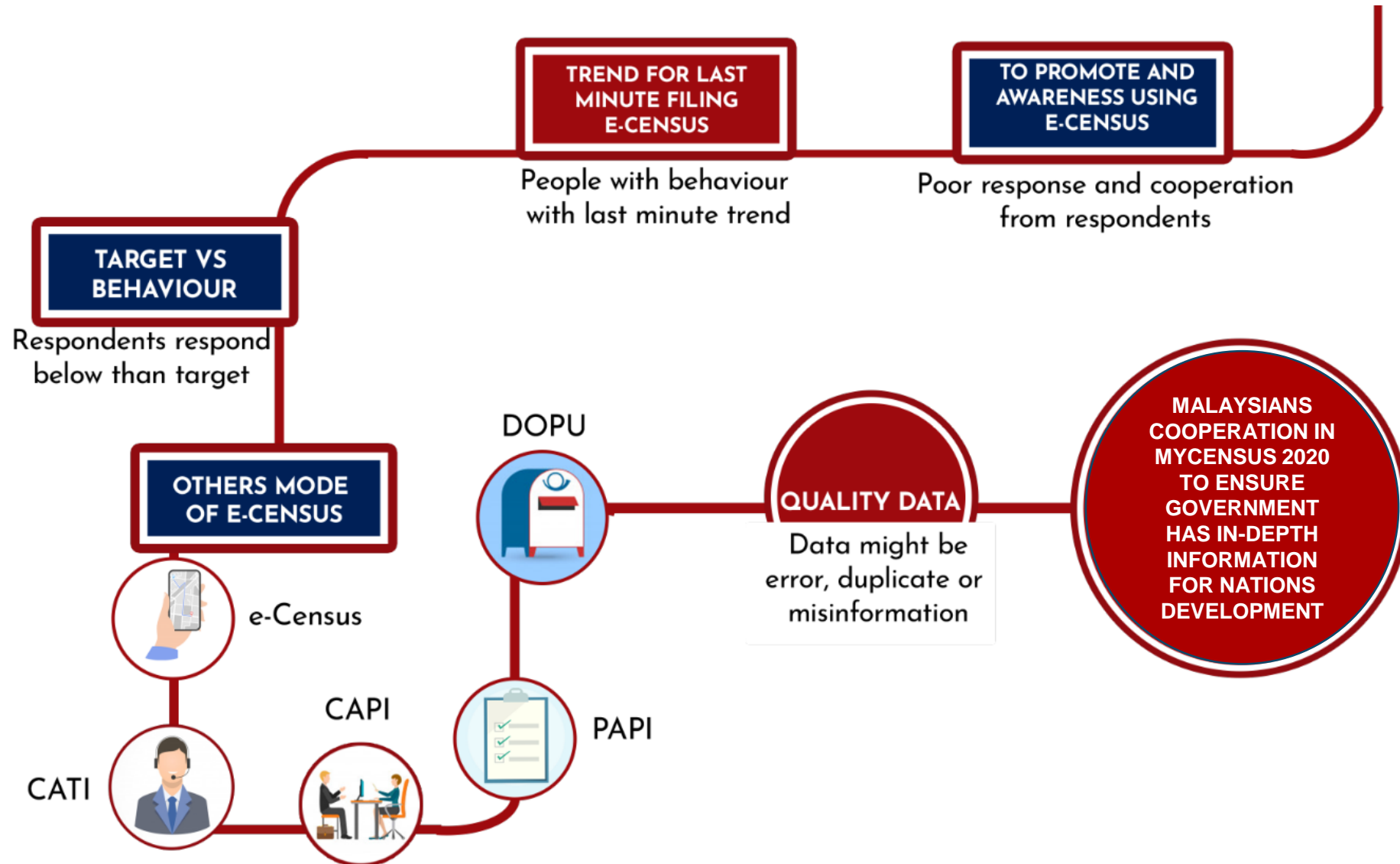


Community reluctance & fear

Non-cooperation of the public due to fear of COVID-19



Assuring the safety of the staff and public as top priority





- **Coordination among various agencies** at the national and state levels:
 - ✓ Federal Government
 - ✓ State Government
 - ✓ Local Authorities
 - ✓ Government Link Corporations
 - ✓ Private corporations
- Realignment of **census budget** for COVID-19 emergency procurement such as face masks and hand sanitiser
- Extend and adjust the **recruitment process** and timeline in most affected areas
- **Leveraging technology** for training and Post Enumeration Survey (PES) by using online, system (MySUL) and telephone
- Work closely with **National Security Council and Ministry of Health** in relating to updates and necessary actions to be taken
- Produce special **Standard Operating Procedure** on conducting field operations



- **Staggered workflow** with **multiple phases and hybrid approach** in census operations
- **e-Census and CATI reduced the impact of scaled down field operations**
- Use of Administrative data
 - Basic data on population compiled from administrative records
 - Data Quality control: Consistency checks with available information
- Use of Analytics Technology
 - Google Maps: Data tapping to complement existing data collection
 - Train model for machine learning
- Multi-platform publicity on MyCensus2020 with **digital platforms and conventional methods**
- Enhancing **co-operation with public and private agencies** in ensuring the success of MyCensus2020



1

ENGAGEMENT AT ADMINISTRATIVE LEVEL

- Cabinet Memorandum
- Special Paper to the Cabinet on the Census questionnaire and decision on extension of MyCensus 2020 schedule

2

ENGAGEMENT AT GOVERNMENT LEVEL

- State Secretary
- Secretary General of the Ministry
- Statutory Agencies and Bodies
- Local authority

3

ROLE MODEL

- Mobilising civil servants as catalysts
- Task force of MyCensus 2020 will move by selected area (mobile)
- E-census filling out gimmick by prominent figures

4

AMPLIFIERS

- Instructions by Chief Secretary to the Government for Civil Servants to fill up e-Census
- The role of labour and employers' associations in supporting the implementation of the e-Census.

2. Interpretation data & Analysis of MyCensus 2020



MYCENSUS 2020 AT A GLANCE



MYCENSUS 2020

Sixth Census since the establishment of Malaysia in 1963.



OBJECTIVE

Collecting stocks & profiles of the country's population and housing



MODERNISATION

- **91.9%** electronic based (e-Census, CATI & CAPI)
- **8.1%** paper-based



CENSUS OPERATION

- **482 days** (7 July 2020 – 31 October 2021)
- Involvement of **43,400 Census officers/ enumerators**



CENSUS QUESTIONS

108 questions include demographic profile, environment, special module on Health & Fitness, Social Relations, Housing and Senior Citizens



GLOBAL

Malaysia is among 39 from 110 countries that conducted Census in the period of 2020 – 2021

KEY FINDINGS OF MYCENSUS 2020



**POPULATION
2020**

32,447,385



MALE

**17.0 MILLIONS
(52.3%)**

SEX RATIO

**110 MALE
FOR EVERY 100 FEMALE**



FEMALE

**15.5 MILLION
(47.7%)**

CITIZENS

**15.1 MILLIONS
(89.0%)**

NON-CITIZENS

**1.9 MILLIONS
(11.0%)**

CITIZENS

**14.7 MILLIONS
(94.7%)**

NON-CITIZENS

**0.82 MILLIONS
(5.3%)**



**ANNUAL
GROWTH**

1.7%



HOUSEHOLDS

8.2 MIL.



**AVERAGE
HOUSEHOLD
SIZE**

3.9



**LIVING
QUARTERS**

9.6 MIL.



**VACANT
LIVING
QUARTERS**

**1.9 MIL.
(19.4%)**



CITIZENS

**29.8 MIL.
(91.7%)**



NON-CITIZENS

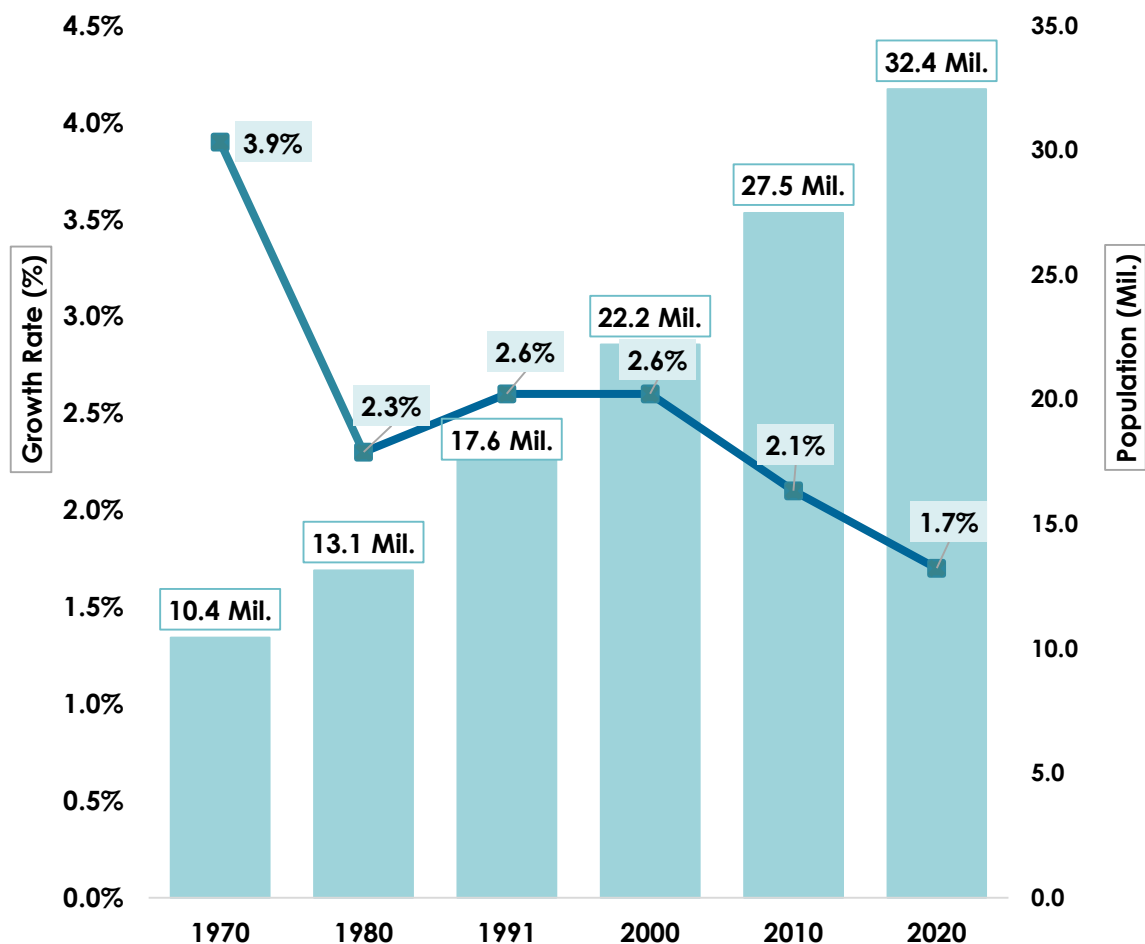
**2.7 MIL.
(8.3%)**



GROWTH RATE OF POPULATION



GROWTH RATE OF POPULATION

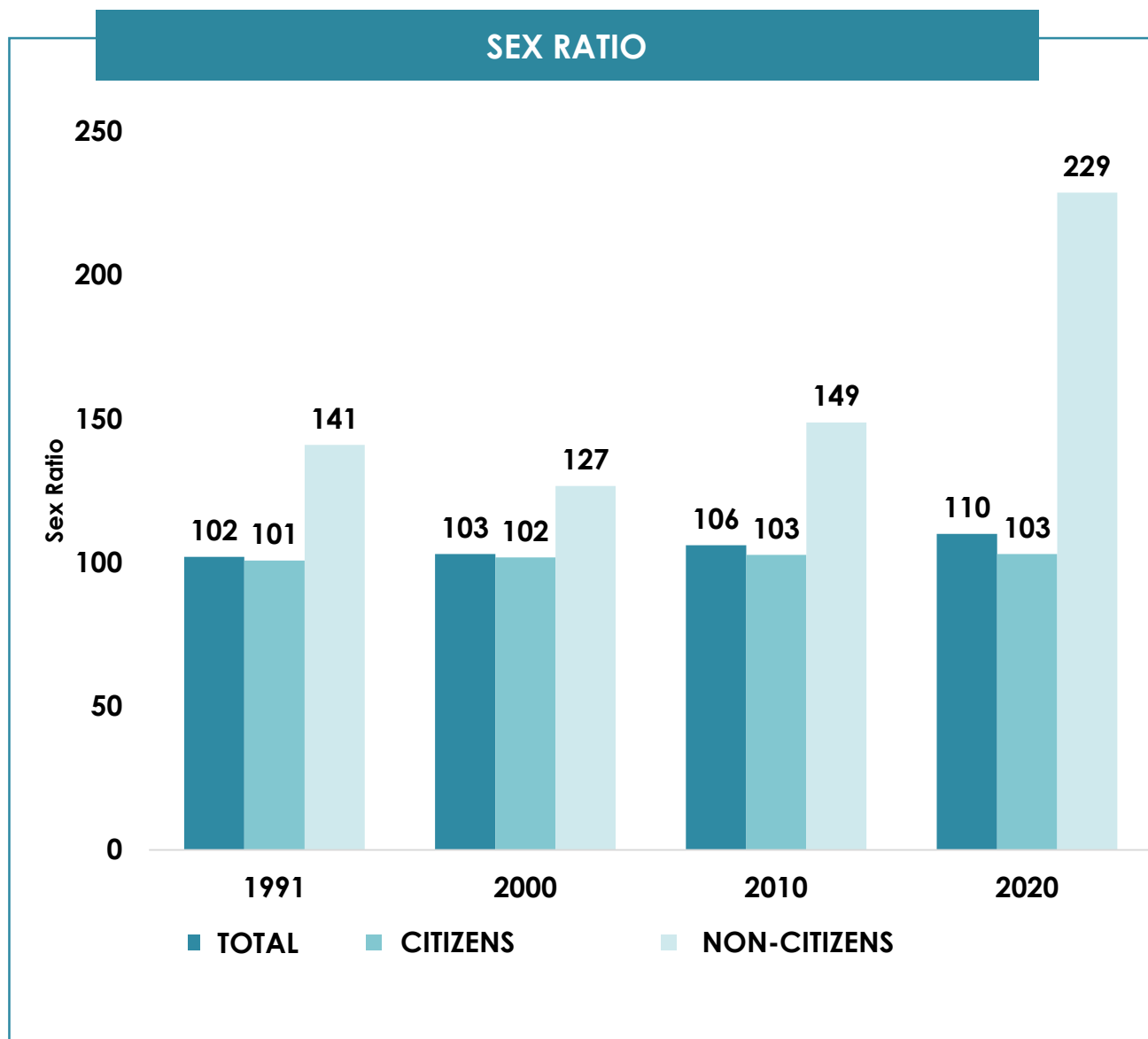


- Population increased to **32.4 mil.** in 2020 (2010: **27.5 mil.**)
- Population grew at a slower rate of **1.7%** (2010: **2.1%**)
- This is in line with:
 - ❑ **Decline in Crude Birth Rate:**
14.4 (2020) from **17.2 (2010)** birth per 1,000 population
 - ❑ **Decline Total Fertility Rate:**
1.7 (2020) as compared to **2.1 (2010)** child for every female aged 15-49 years

	1970	1980	1991	2000	2010	2020
Crude Birth Rate	32.4	30.6	27.6	22.9	17.2	14.4
Total Fertility Rate	-	4.0	3.4	2.9	2.1	1.7

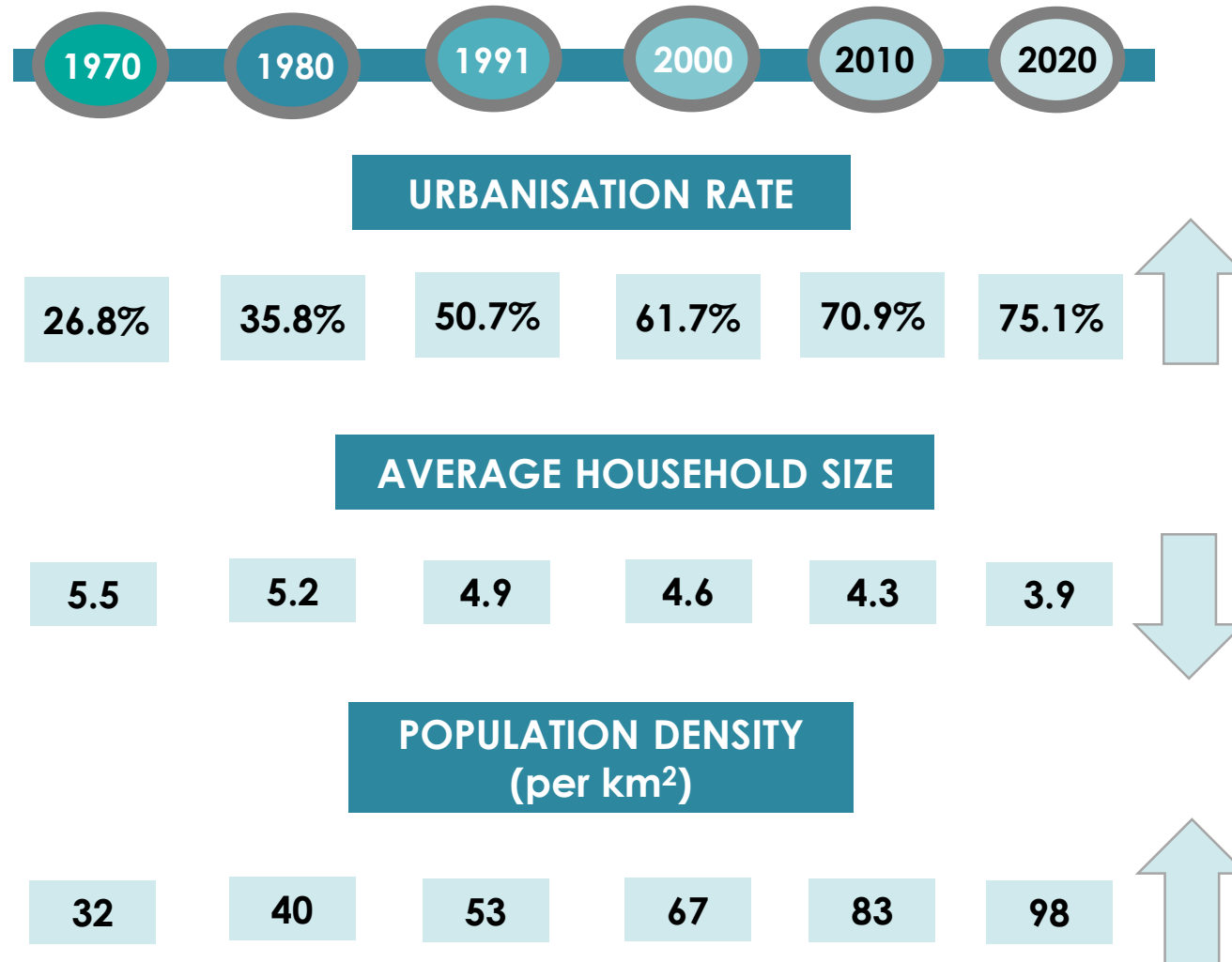


SEX RATIO



- Sex Ratio increased to **110 males** for every **100 females**
- **The highest sex ratio recorded in** di Johor and Kuala Lumpur 115, followed by Pahang and Selangor (113) and Melaka (111)
- **The lowest sex ratio recorded in** W.P. Putrajaya (96).
- Sex ratio in 2020 is influenced by the increase of sex ratio Non-Citizens

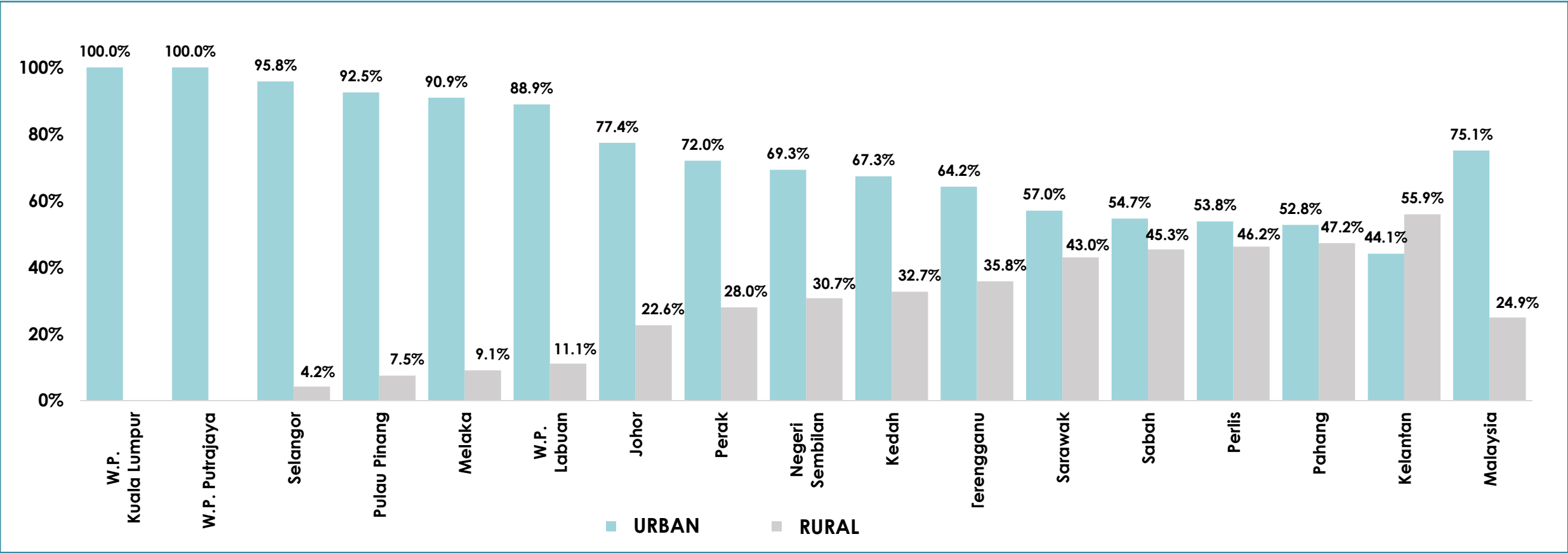
URBANISATION RATE AND AVERAGE HOUSEHOLD SIZE



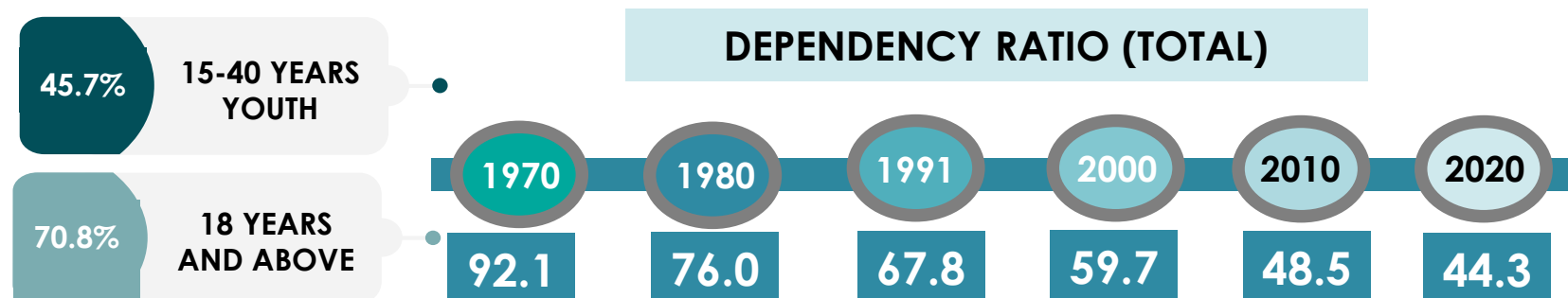
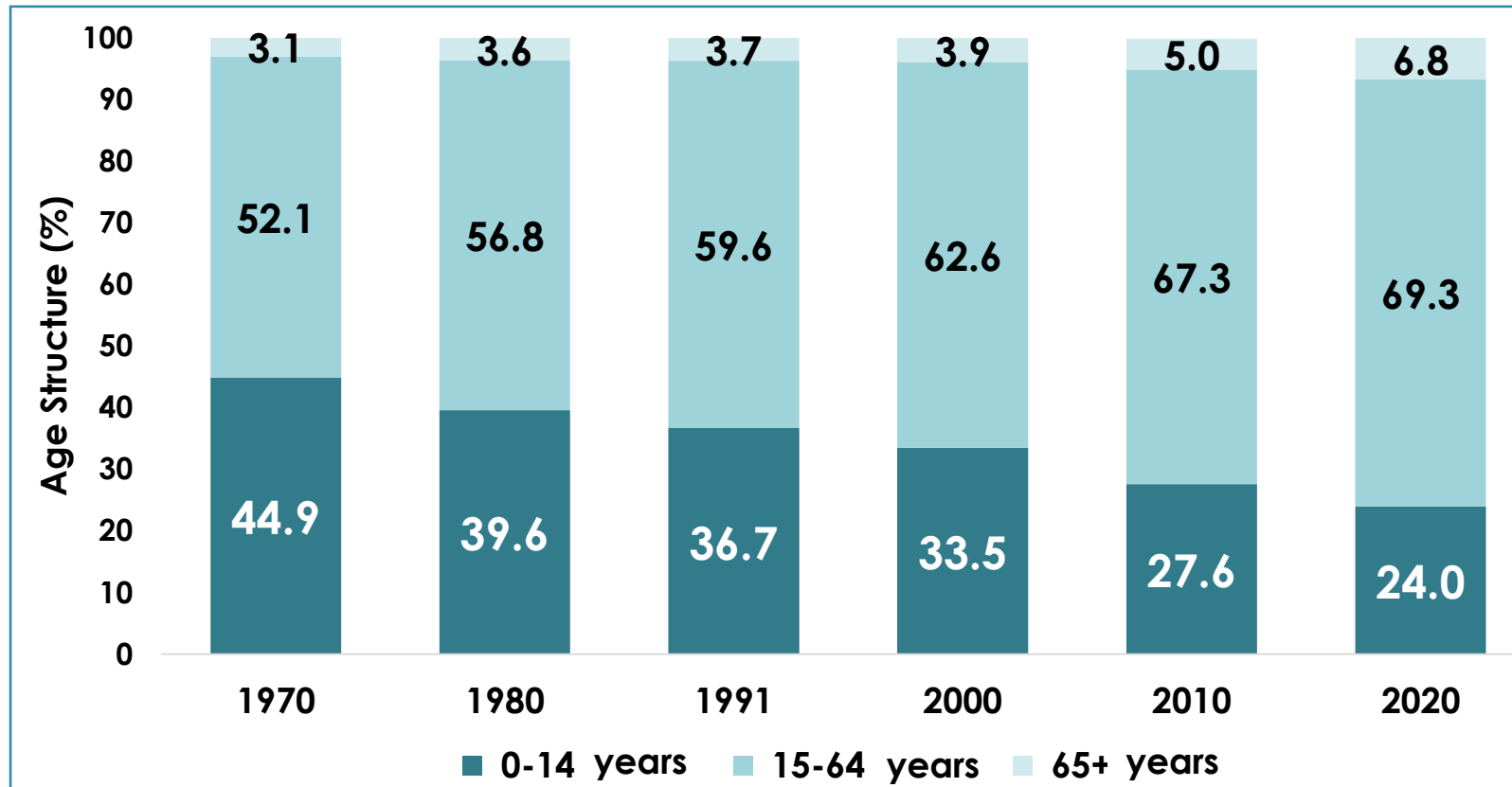
- Urbanisation rate continued to increase to **75.1%** (2010: 70.9%)
- Average Household Size continued to decline to **3.9 person** (2010: 4.3 person).
- Population density increase to **98 person for every** per km² (2010: 83 person km²)



URBANISATION RATE BY STATES



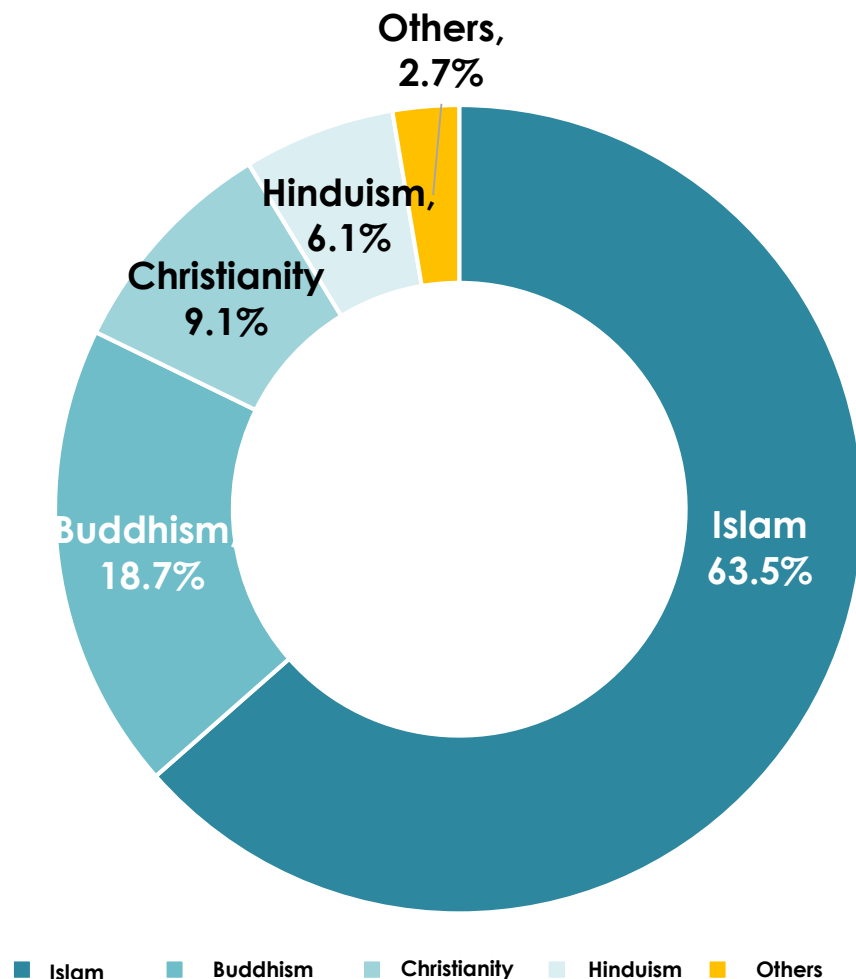
MALAYSIA TOWARDS AGEING NATION



RELIGION & MARITAL STATUS

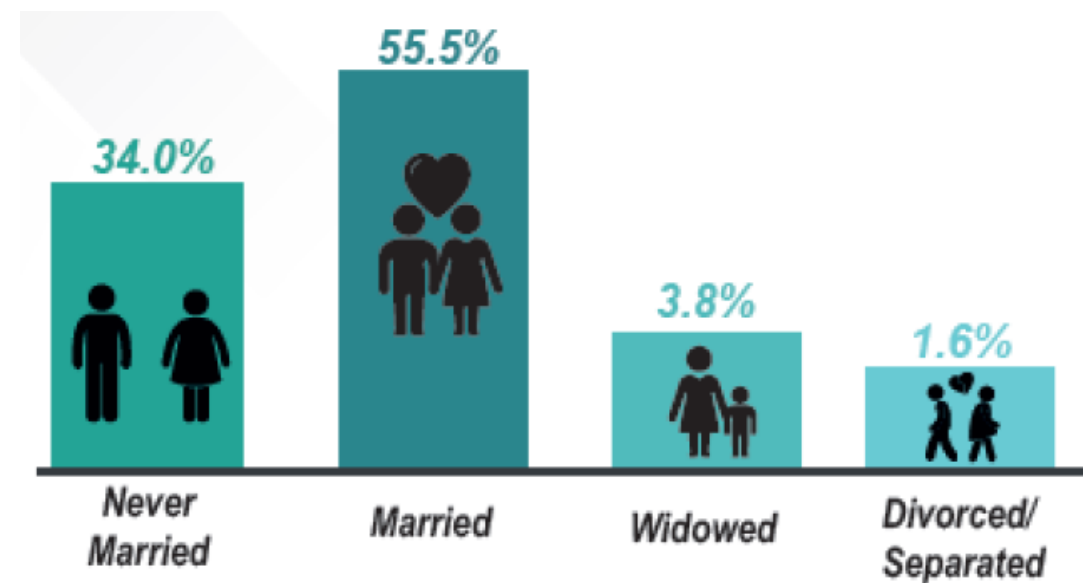


RELIGION



MARITAL STATUS

* Aged 15 years and above



3. Dissemination of MyCensus 2020

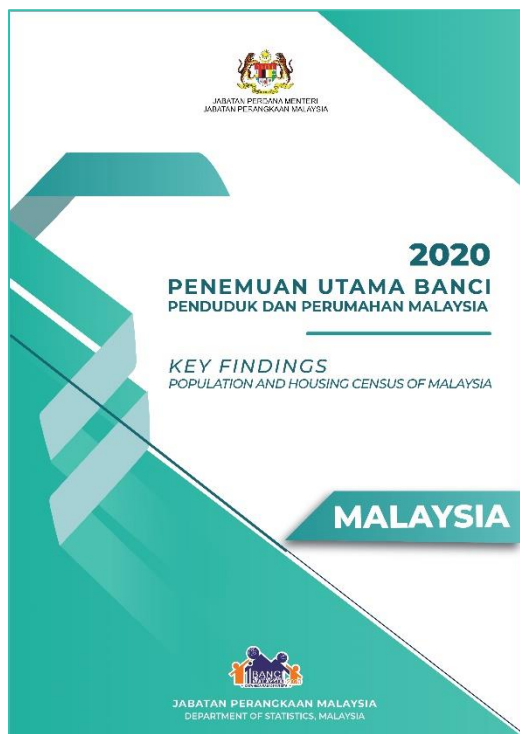




NATIONAL, STATES AND ADMINISTRATIVE DISTRICT



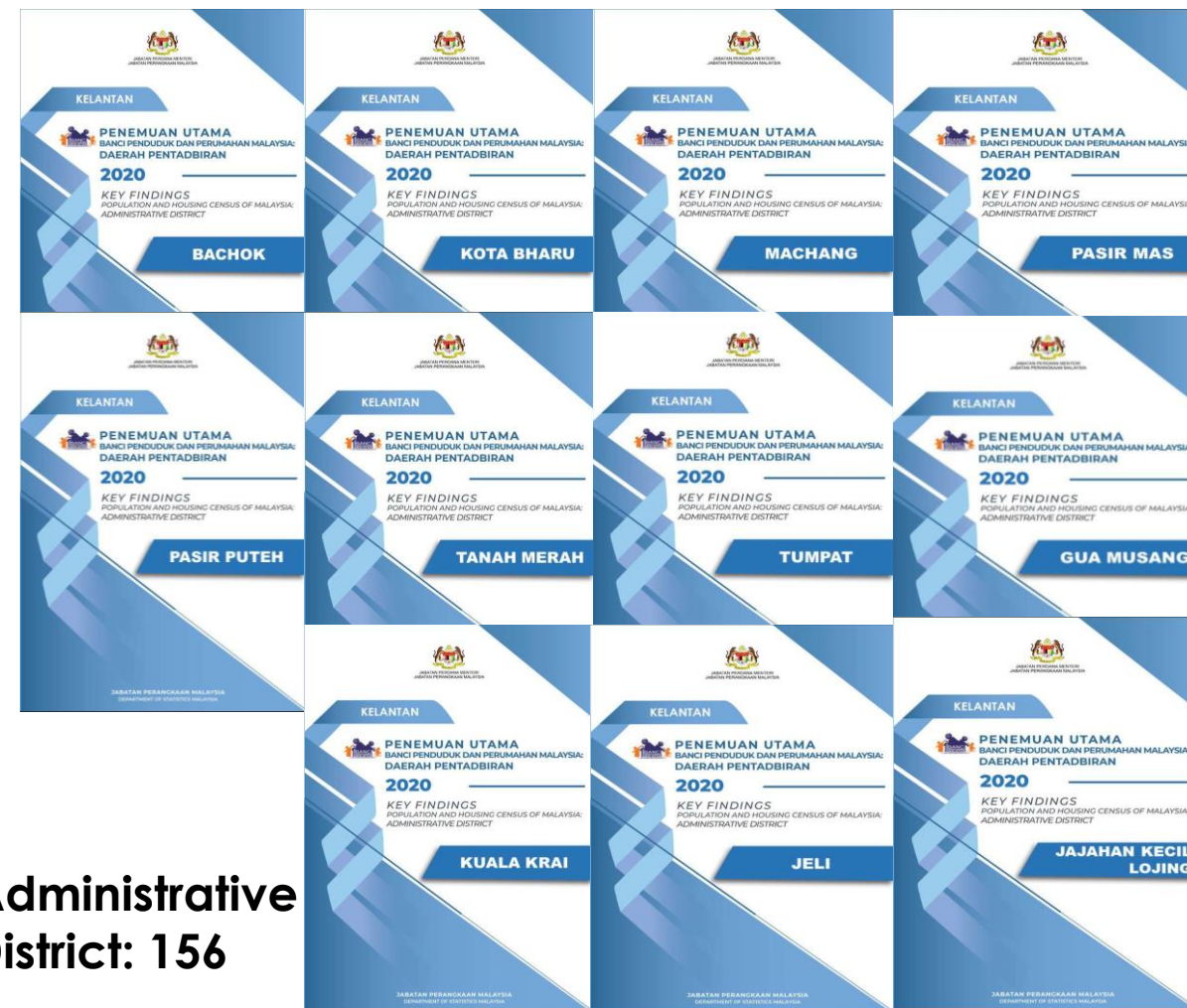
173 Publications



Malaysia: 1



States: 16



Administrative
District: 156



NATIONAL, STATES AND ADMINISTRATIVE DISTRICT (CONTINUED)



173 Key Findings of Census Publication
1 Malaysia
156 Administrative District
16 State

1. Statistics on Population and Housing

10
Statistics

- Population Census, Malaysia
- Population Census, State
- Census Population, Administrative District
- Sex Ratio
- Age Group, Ethnicity & Gender
- Marital Status
- Religion and Gender
- Number of Living Quarters (LQ), Households by Mukim / Subdistrict
- LQ, Household & Average Household Size by Local Authority
- Vacant Living Quarters

2. Selected Demographic Indicators

2
Demographic Indicators

- Selected Demographics by Gender
- Five principal causes of death

3. Socio-Economic Indicators

18
Socio-economic Indicators

- Basic information
- Housing
- Labour force
- Household, Income and Expenditure
- Education
- Health
- Public Safety
- Internet and Social Media
- Basic facilities
- Welfare Services

4. Number of Tables

30
Statistics Tables

- Population and Housing
- Demography
- Socio-economy

5. Number of Article

3
Article

- Malaysia's Population Growth is Slowing Down
- Malaysian Population Ageing
- Demographic Transition: Where are the Young?



600

PUBLICATIONS

STATISTICS OF SUBNATIONAL STATE LEGISLATIVE ASSEMBLY (SLAs)



PUBLICATIONS - STATISTICS OF SUBNATIONAL STATE LEGISLATIVE ASSEMBLY (SLAs)



- Background
- Socioeconomics at a Glance
- Selected Socioeconomic Statistics



1. Indicator at SLAs Level

11
Social
Indicators
(19 tables)

- Basic information
- Populations
- Housing
- Labour Force
- Household income
- Education
- Health
- Poverty
- Public Safety
- Internet and Social Media
- Basic facilities

1
Economic
Indicators
(3 tables)

- Establishments/
Business Company

2. Indicators at the Malaysian & Administrative District Levels

4
Selected
Socio-economic
Indicators

- Malaysia
- State & Administrative District
- Sustainable Development Goals (SDGs)
- Human Development Index (HDI)

3. Number of Tables

53
Statistics Tables

- State Legislative Assembly (SLAs)
- Malaysia
- State & Administrative District

4. Basic Information

11
Basic
Information

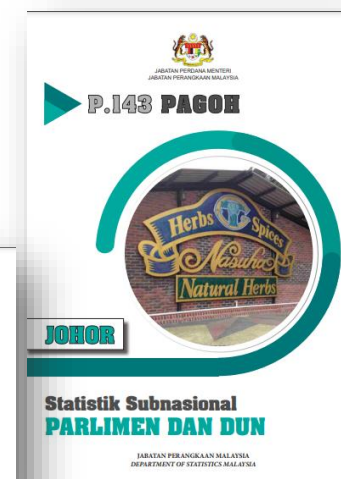
- Main National Policy
- State Structure Plan
- Strengthening the National Statistics System
- Fundamental Principles of Official Statistics
- Reference/Manual
- List of International Statistical Organizations
- Code List/ Classification
- List of DOSM Publications
- List of DOSM Blogs
- DOSM newsletter



222

PUBLICATIONS

STATISTICS OF SUBNATIONAL PARLIAMENTS





OTHER PUBLICATIONS



Urban & Rural



Local Authority Area





UPCOMING RELEASES



April 2023

- Key Findings Population and Housing Census of Malaysia 2020: **Mukim**
- MyCensus 2020: Well Being (Health, Well Being, Social Relations and Housing)

May 2023

MyCensus 2020:
Education

June 2023

MyCensus 2020:
Living Quarters

July 2023

MyCensus 2020:
Households

August 2023

- MyCensus 2020: Migration and Population Distribution
- MyCensus 2020: Economic Development Region
- MyCensus 2020: Urbanisation

September 2023

- MyCensus 2020: Economic Population
- MyCensus 2020: Women
- MyCensus 2020: Senior Citizen

October 2023

- MyCensus 2020: Civil Servants
- MyCensus 2020: Youth
- MyCensus 2020: Children

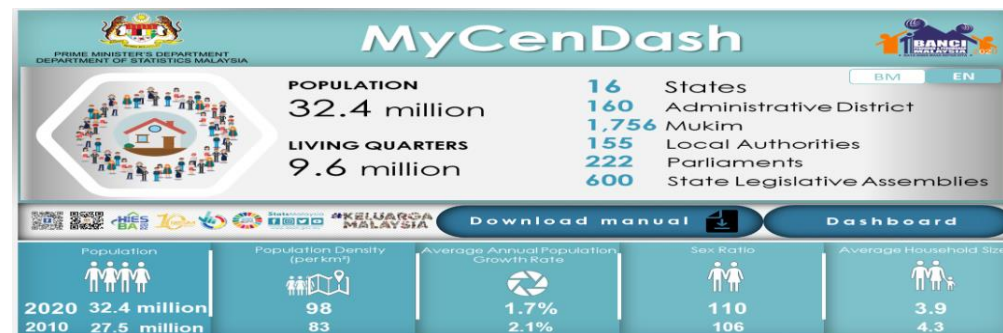
November 2023

MyCensus 2020: Orang Asli

Dissemination of Census data... (cont'd)



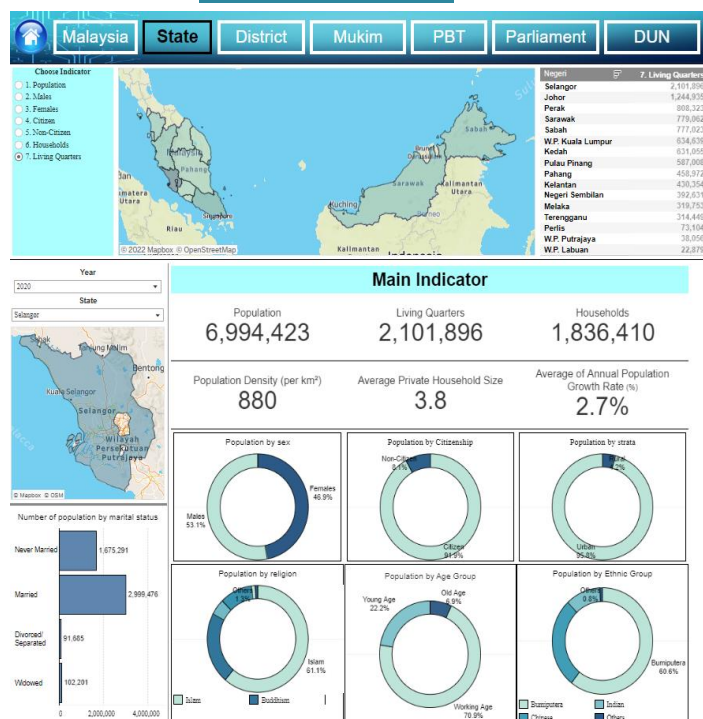
MyCenDash MYCENSUS 2020 DASHBOARD



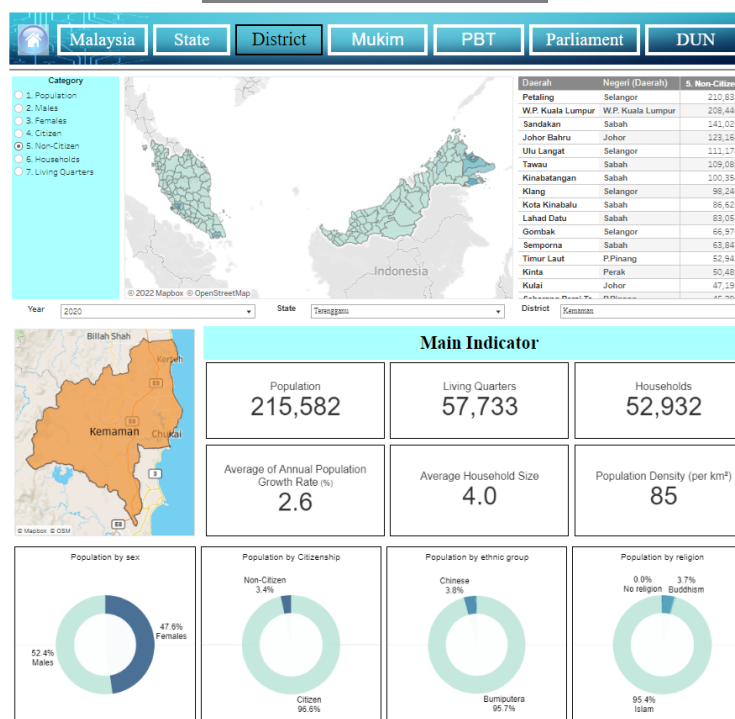
SCAN
HERE

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

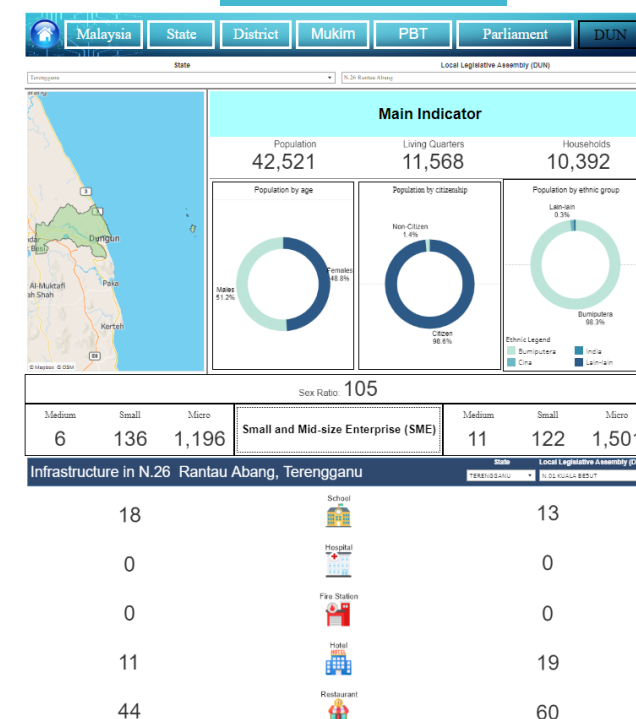
STATES



ADMINISTRATIVE DISTRICT







SLAs





OPEN DOSM DASHBOARD <https://open.dosm.gov.my/>

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Data: The backbone of effective governance

OpenDOSM is a platform that catalogs, visualises, and analyses DOSM's wealth of data. Everything on this site is open-sourced and freely available for the nation's benefit. If data is the new oil, then openness is the pipeline that maximises its value.

Malaysia at a Glance



Check out the hottest datasets on OpenDOSM:

This data is intended to help you get a sense of how other users interact with our site. However, if you know what you're looking for, head on over to our Data Catalog to find the most relevant data for you!

Data as of 20 Mar 2023, 23:59

Today Past 1 month All-time

Dashboards

16

Datasets available

264

Resource views

1,281

Resource downloads





72

Most viewed dashboards

- 1 Kawasanaku  126
- 2 Consumer Prices  46
- 3 Gross Domestic Product (GDP)  46
- 4 Labour Market  37
- 5 Drug Addiction  33

Most viewed datasets

- 1 Diesel Price  21
- 2 Mean Income by Percentile and State  16
- 3 RON95 Petrol Price  15
- 4 Median Income by Percentile and State  14
- 5 PriceCatcher: 2023/03  13

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ECONOMY

Consumer Prices

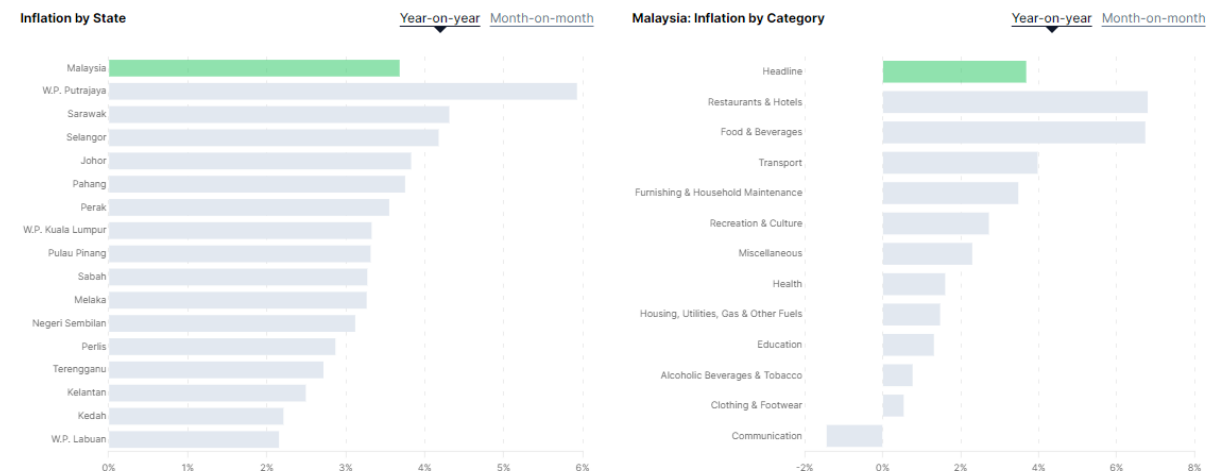
The Consumer Price Index (CPI) is a monthly publication by DOSM which presents statistics on the cost of purchasing 12 main groups of goods and services. This is consistent with the classification according to the United Nations "Classification of Individual Consumption According to Purpose" (COICOP). Malaysia's CPI is compiled based on prices that are collected on either on a monthly basis (for all items) or weekly basis (for perishable food items). Rents are collected once in a quarter.

Last updated 21 Mar 2023, 15:52

A snapshot of inflation in Malaysia

Data as of 31 Jan 2023, 23:59

The time series charts below this section show trends; these bar charts summarise the latest inflation data at a glance. Click the bar for any state to get more granular inflation data for that state!





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MEDIA ▾

CENSUS PRODUCT ▾

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F.A.Q



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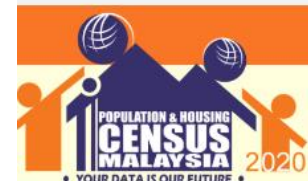
Feedback



Site Map

atest Info

Who will be counted in MyCensus 2020?



BANCI MALAYSIA

www.mycensus.gov.my



@MyCensus2020
@StatsMalaysia



MyCensus 2020

**Congratulations to all Malaysians,
you have been counted!**

THANK YOU

Department of Statistics Malaysia would like to thank all Malaysians and residents of Malaysia who have worked together to make **Malaysia Population Census 2020** a success; **all respondents, enumerators, media** and **federal and state government agencies** who have assisted in facilitating the **Census 2020** implementation

Your cooperation is highly appreciated

YOUR DATA IS OUR FUTURE

Population Clock



World

7,797,748,516



Malaysia

32,698,997



State

[More...](#)

↑
Top

4. Way Forward

'Malaysia Statistical Population Profile (MSPP)'



Holistic statistics to the smallest geographical area can be implemented by integrating MyCensus 2020 data and administrative data from various agencies.

PRIMARY DATA

MyCENSUS 2020 DATA

- ▶ Implemented on a large scale and covers the entire population. It is usually the basis for the development of holistic statistics.
- ▶ Longer operation/ data collection time.
- ▶ Collecting all the information of each individual in the census area based on concepts and standards that are used internationally.
- ▶ Involves a higher budget and human resources.

Holistic Statistics

SECONDARY DATA

ADMINISTRATIVE DATA

- ▶ In the form of registration/ reference records either periodically or cumulatively.
- ▶ Information is collected and stored in the agency according to the objective and purpose of the information obtained.
- ▶ Require coordination from the aspects of concept, classification and frequency before being integrated with primary data.
- ▶ Information can be updated, transferred, processed, stored and analysed more easily and effectively.

MSPP one of the MyCensus 2020 outcome

The target of regularly updating the MSPP and the implementation of future Censuses on a smaller scale

MSPP

Malaysia Statistical Population Profile

MSPP depend on the continuous sharing of administrative data

During the MyCensus 2020, 28 administrative data sets use as data enrichment





DATA INTEGRATION FRAMEWORK



VISUALISATION



**TOPIC/
VARIABLE**

**INTEGRATED
DATA HUB**

**DIGITAL
SOLUTIONS**



**TECHNOLOGY
ENABLER**

STATISTICS PROFILE AT THE SUBNATIONAL LEVEL

POPULATION	BASIC DEMOGRAPHY	MIGRATION	EDUCATION	OCCUPATION	INCOME	FERTILITY	HOUSEHOLD
HOUSING	BASIC AMENITIES	SECURITY	DISABILITY	HEALTH	SOCIAL RELATION	SENIOR CITIZEN	

MSPP

APPLICATION

- District Application System
- Local Authority Application System
- State Application System

COMMUNICATION

- Portals and Publications
- Table Builder
- Open Data
- Social media
- Various communication channels

SERVICES

Integration between MyCensus 2020 data, Intercensal data and administrative data

**ARTIFICIAL
INTELLIGENCE/
MACHINE
LEARNING**

**GEOSPATIAL/
GEOCODING**

**APPLICATION
PROGRAMMING
INTERFACE (API),
WEB SERVICES**

**BIG DATA
ANALYTICS**

**GOVERNMENT
SHARED
SERVICES/ PUBLIC
CLOUD**

**OTHER
EMERGING
TECHNOLOGIES**

CHANGE MANAGEMENT

GOVERNANCE & CYBER SECURITY

"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



StatsMalaysia

www.DOSM.gov.my