Department of Statistics
M A L A Y S I A

BANCI MALAYSIA

POPULATION & HOUSING CENSUS MALAYSIA 2020
YOUR DATA IS OUR FUTURE

#MyCensus2020
7.7.2020

Make Sure You're COUNTED

Role played by Chief Statisticians in communication of data and improved statistical literacy during the Crisis

by
Dr. Mohd Uzir Mahidin
Chief Statistician of Malaysia
Department of Statistics Malaysia (DOSM)

15th Management Seminar (Webinar) for the Heads of National Statistical Offices in Asia and the Pacific - National statistical systems: Responding to the COVID 19 crisis and building better for the future (UNSIAP)

4th December 2020

MYSTATS DAY
20 OCT

SUSTAINABLE DEVELOPMENT GOALS MALAYSIA
2016 - 2030

OUTLINE

1. Overview of DOSM
2. Impact of COVID-19 in Statistical Process
3. Service Deliverables
4. Statistical Communication Mediums
5. Way Forward

Overview Of DOSM

@MyCensus2020
@StatsMalaysia

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7 JULY 2020

www.dosm.gov.my

www.mycensus.gov.my

BACKGROUND OF DOSM

CHRONOLOGY

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

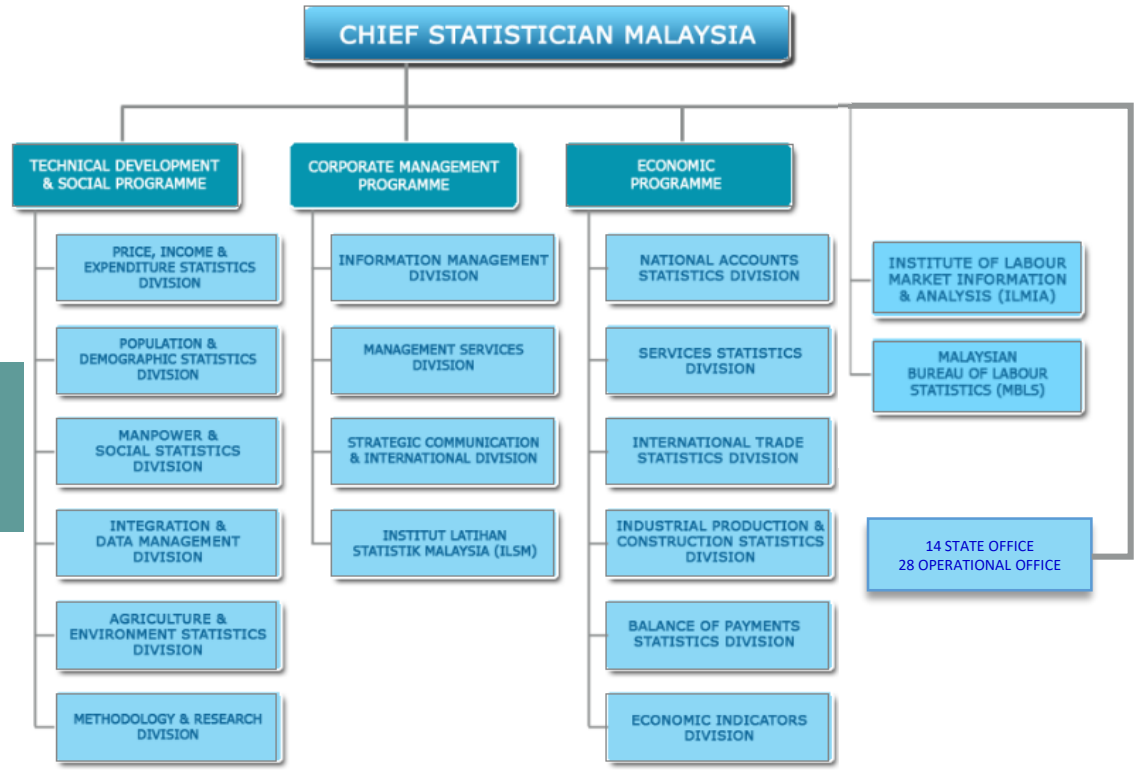
On 10 March 2020, the Department of Statistics Malaysia is under the purview of Prime Minister's Department (Economy)

1949 — **1965** — **2018** — **2020**

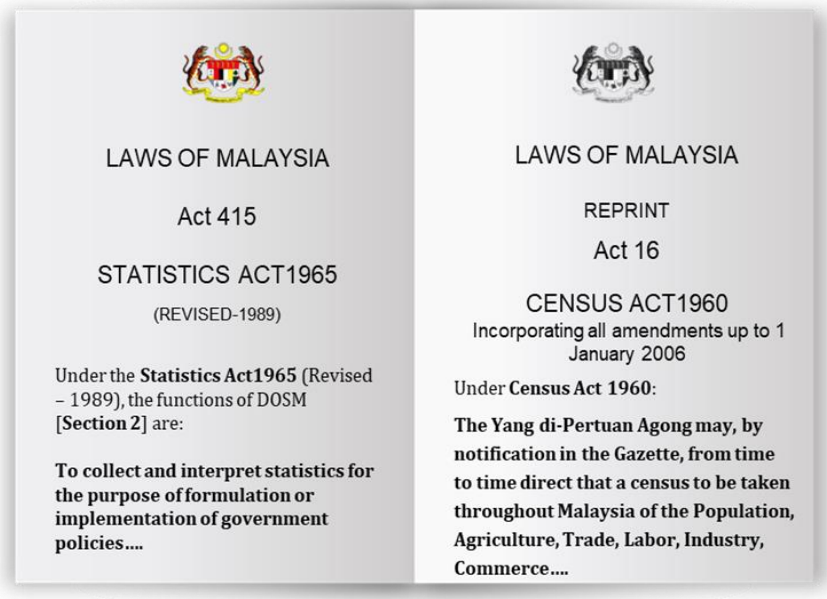
Established in 1949 under the Statistics Act 1949 known as the Bureau of Statistics

Department Of Statistics Malaysia under the Ministry of Economic Affairs

ORGANISATION CHART



LEGISLATION



LAWS OF MALAYSIA

Act 415

STATISTICS ACT1965

(REVISED-1989)

Under the **Statistics Act1965** (Revised – 1989), the functions of DOSM **[Section 2]** are:

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

LAWS OF MALAYSIA

REPRINT

Act 16

CENSUS ACT1960

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....

Statistics Act 1965 (Revised-1989)

Census Act 1960 (Revised-1969)

Impact of COVID-19 in Statistical Process

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Impact of COVID-19 in Statistical Process

Chronology of the 2020 Malaysia Movement Control Order (MCO)

1st MCO

The Prime Minister of Malaysia has announced the first MCO to last between 18th and 31st March 2020.

2nd MCO

On 25th March 2020, the MCO was extended by two weeks, until 14th April 2020.

3rd MCO

Subsequently, the MCO was extended until 28th April 2020.

First Phase:
Prime Minister has announced that CMCO implementation will be extended for 4 additional weeks. This means that the new end date for CMCO will be on 9th June 2020.

Second Phase:
CMCO for Sabah implemented from 13th to 26th October, whereas for Klang Valley was from 14th October to 26th October and further extended until 9th November for both areas.

CMCO

Third Phase:
CMCO extended in Kedah, Perak, Pulau Pinang, Negeri Sembilan, Melaka, Johor and Terengganu on 9th November – 6th December 2020.

CMCO for Terengganu, Kedah (exclude Kulim), Johor (exclude Kota Tinggi and Mersing) and Terengganu ended on 21st November 2020, while Kelantan begin to implement on 21st November to 6th December 2020.

4th MCO

MCO extended again to 12th May 2020 on 23rd April 2020. Conditional Movement Control Order (CMCO) planned to ease the lockdown by allowing businesses to open on 4th May 2020 was announced on 1st May 2020.

RMCO

On 7th June 2020, Prime Minister announced that the CMCO end on 9th June 2020, with the country entering into the Recovery Movement Control Order (RMCO) phase between 10th June 2020 to 31st August 2020.

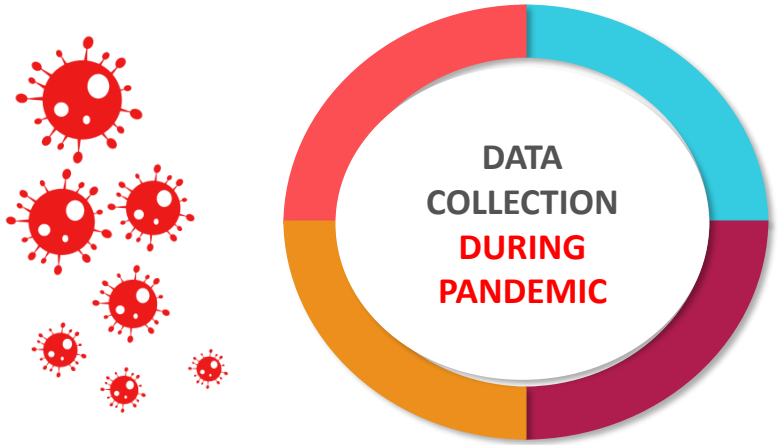
Interstate travel would be allowed from 10th June 2020 under the RMCO except in areas remaining under the Enhanced Movement Control Order (EMCO). On 28th August 2020, Prime Minister announced to continue RMCO until 31st December 2020.

EMCO

Administrative EMCO was in introduced to Kota Setar, Kedah and the Tawau Prison, Sabah 11th until 25th September 2020.

EMCO in seven localities in Sabah enforced from 11th until 25th October, whereas EMCO in Pokok Sena Prison in Kedah effective from 11th until 24th October 2020.

Data Collection Approaches of Routines Survey



- e- SURVEY & e- CENSUS 2020
- e-MAIL
- POSTAL
- ADMINISTRATIVE DATA
- COMPUTER ASSISTED TELEPHONE INTERVIEW
- BIG DATA ANALYTIC
- FACE TO FACE INTERVIEW

PRICE INTELLIGENCE

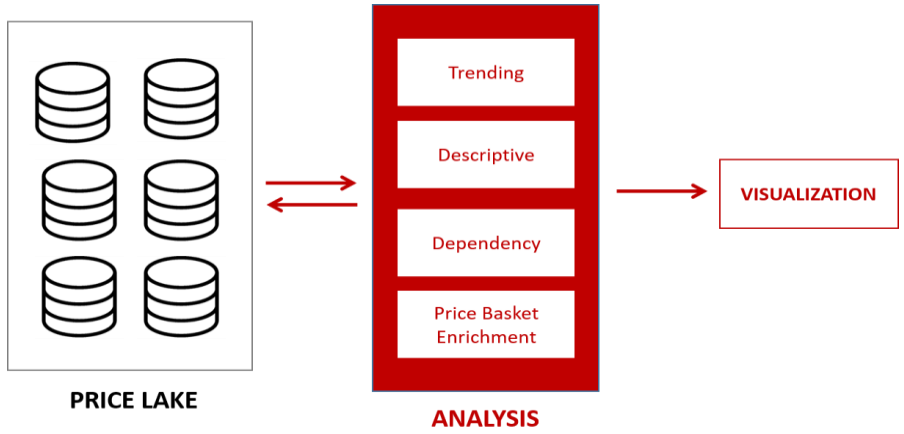
National Statistical Institutes are increasingly using data from the internet as a source for their statistics

Statistical Journal of the IAOS 28(2012)

Modernization of data collection tools

Adoption of web scraping techniques

- Automated processes implemented using a web crawler



Data is gathered and copied from the web

- A collection of automated and semi automated techniques

Data retrieval and analysis

Discovering;

- Previously unknown patterns in data; and
- Relationship that can be used for prediction of user-relevant quantiles

New Initiatives in Statistical Process

New Initiatives

1 Task Force

- Established a "Special Internal Task Force"
- Actively study specific area of interest, and analyse from different prespective
- Engagement with stakeholders
- Re-emphasize the importance to produce more data
- Disseminations through various communication channels

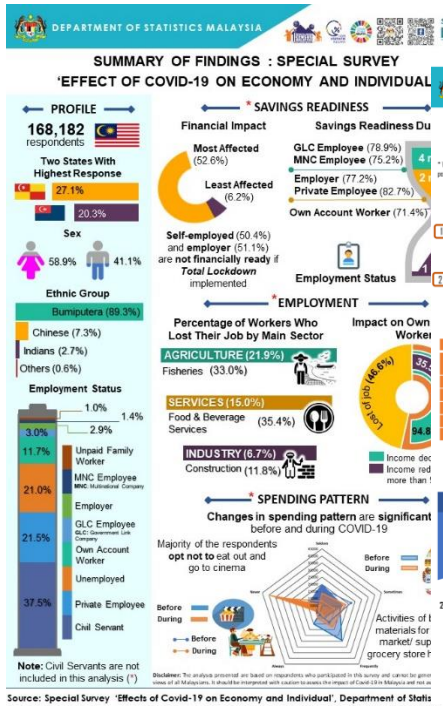
2 3 Special Surveys

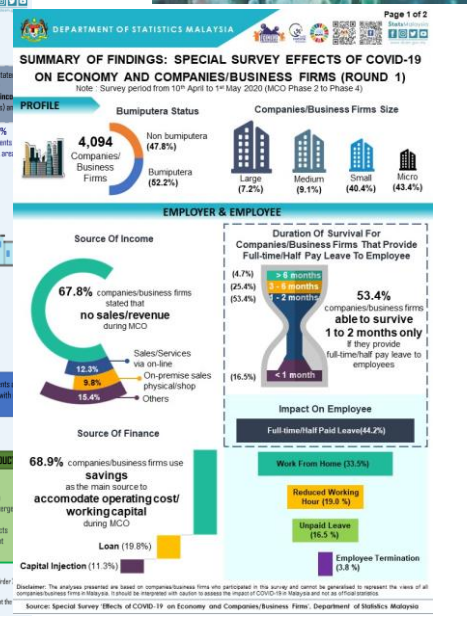
SURVEY ON EFFECTS OF COVID-19 ON ECONOMY AND INDIVIDUAL

- Conducted in:
  - March 2020 (round 1)
  - April 2020 (round 2)
- Online survey
- Using social media platform in engaging respondents
- Covers spending pattern, impact on the employment, life style, education, government aids and readiness towards covid-19.

SURVEY ON EFFECTS OF COVID-19 ON COMPANIES AND BUSSINESS FIRMS

- Conducted in: April 2020
- Social Media platform
- Active email list used to engage participation from companies/business firms
- Cover impact towards performance, employment and expectation/perception on government aids and readiness towards covid-19.

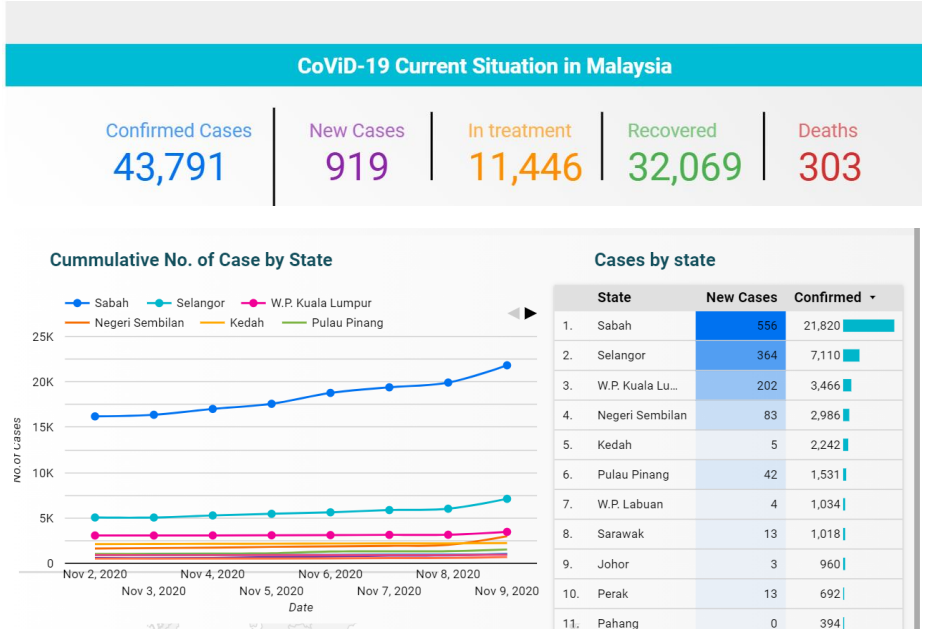


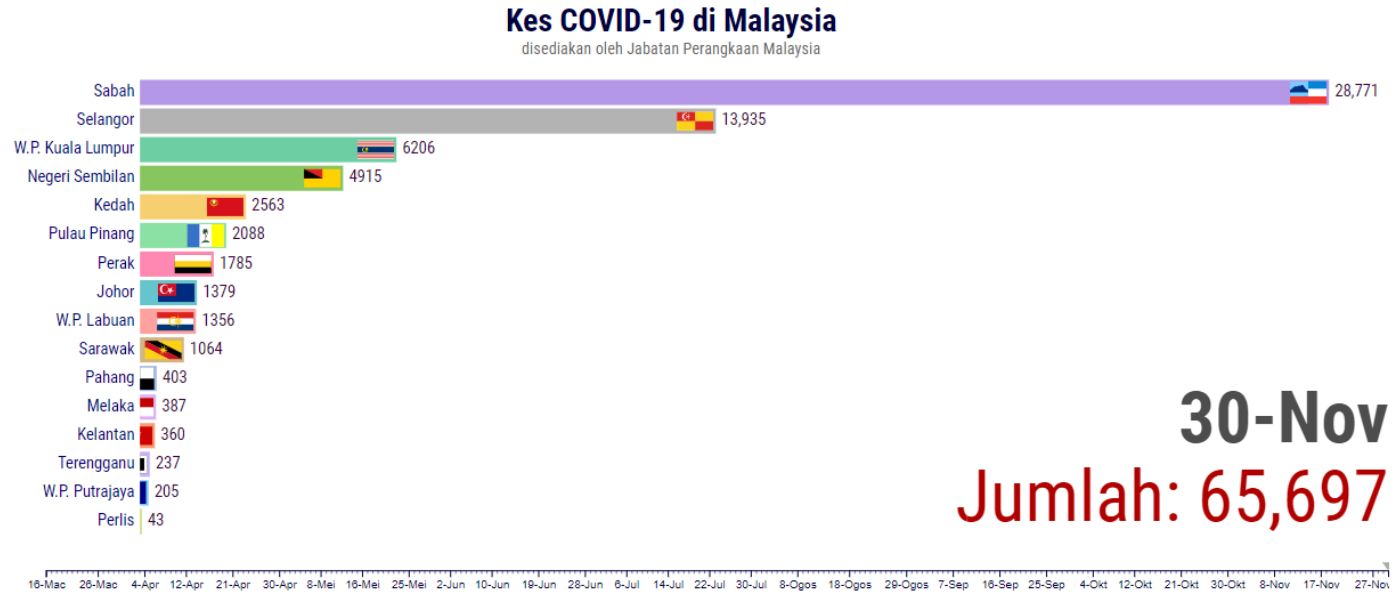


New Initiatives in Statistical Process

New Initiatives

3 Special Landing Page COVID-19 Statistics





30-Nov

Jumlah: 65,697

https://ukkdosm.github.io/blog/

Developed by DOSM as an initiative to inform the public about the status of COVID-19 outbreak in Malaysia based on official data from the Ministry of Health Malaysia and media agencies

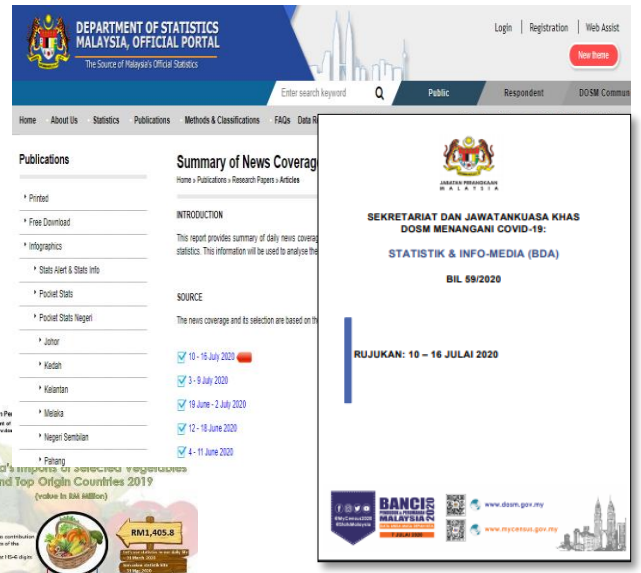
New Initiatives in Statistical Process

New Initiatives

4 Malaysian Economic Statistics Review (MESR) Vol. 1 – Vol. 7 (Nov 20)

Dedicated Box Articles

5 New daily / weekly reports on statistics



1) 28 Series Special Bulletin (State & Sectoral View)
2) 70 Series Newsletter on Selected Key Macro Statistics
3) 66 Series of DOSM Intelligence Statistics and Intelligence Report by State Zone
4) 59 Summary of News Coverage on COVID-19 and Effect on the Economy
5) 93 Newsletter on the specific statistics indicators
6) Blog Writing

Statistical Communication Mediums

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@StatsMalaysia

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Statistical Communication Mediums

A. SOCIAL MEDIA

Facebook Stats Malaysia
33,448 likes
35,565 followe
5,327 posts

Facebook MyCensus 2020
25,955 likes
27,570 follower
1,886 posts

Twitter Stats Malaysia
7,425 followers
2,731 tweets

Instagram Stats Malaysia
5,679 followers
1,390 posts

Youtube Stats Malaysia
983 subscribers
207 videos
95,263 views

1 Teaser for Upcoming Releases (Monthly)

STATS ALERT!

2020

(till 1 Dec. 2020)

208

Stats Alert

Average **19**

Stats Alert

Monthly

238 Stats Alert (2019)

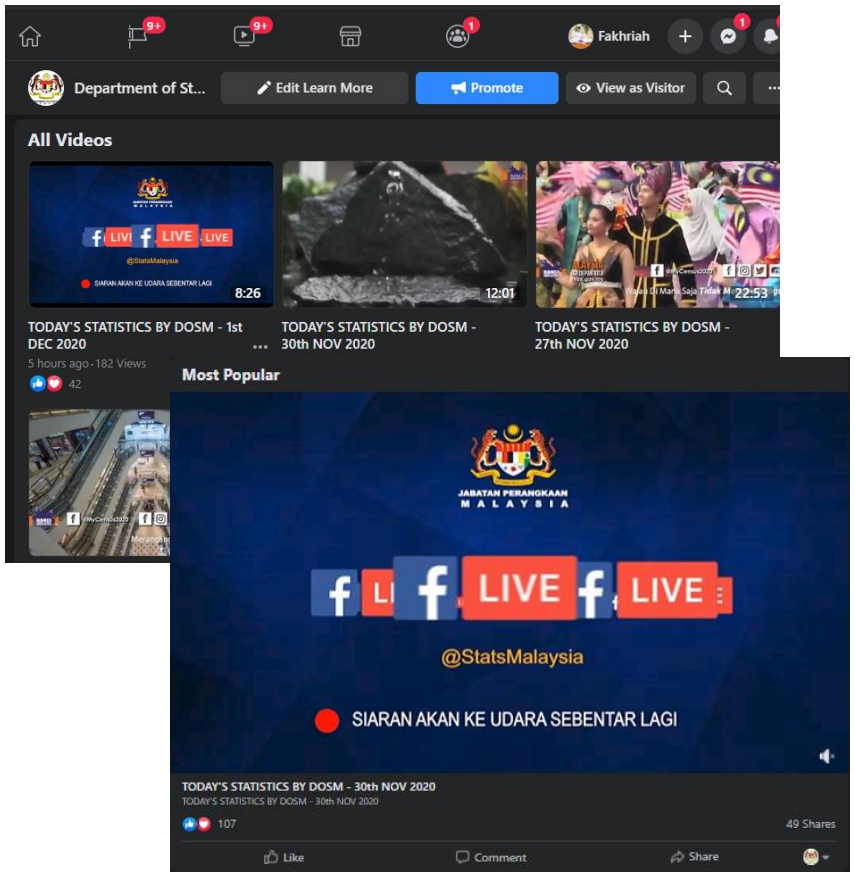
Department of Statistics
MALAYSIA

Statistical Communication Mediums

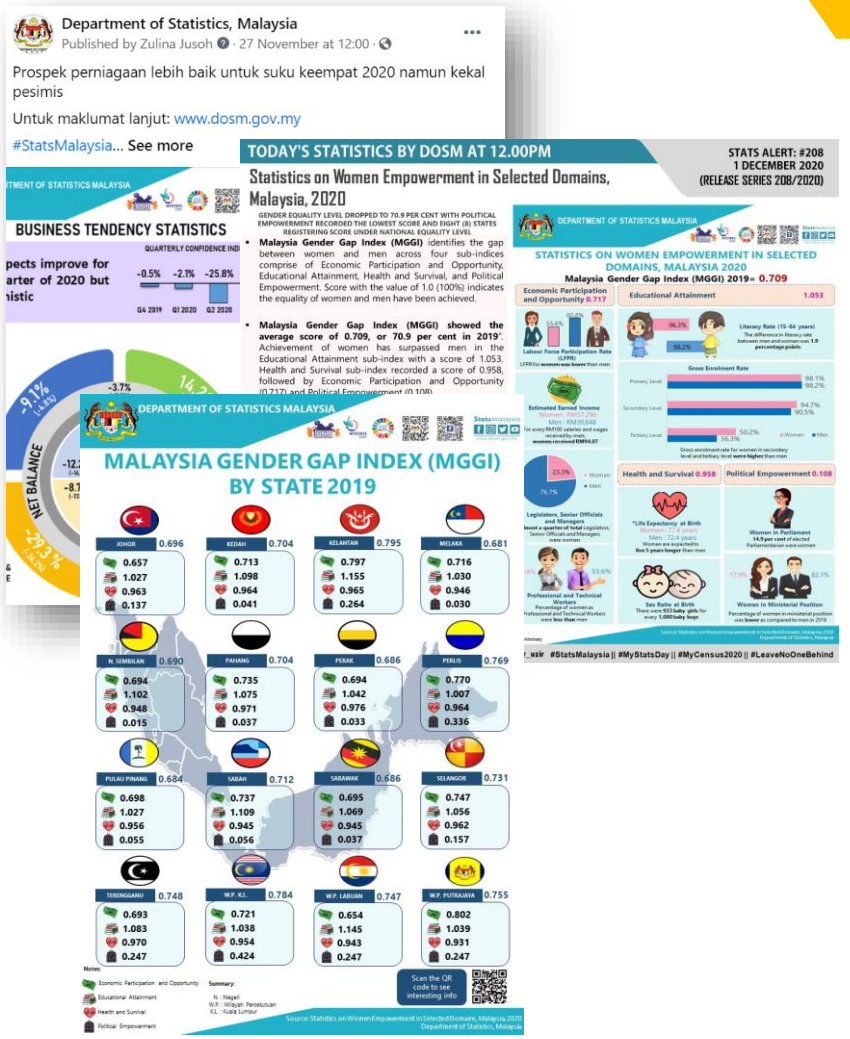
7.7.2020

A. SOCIAL MEDIA

2 Virtual Press Conference via FB Live



3 Infographic of the Releases



4 Press Statement

Statistical Communication Mediums - Interactive System

Department of Statistics MALAYSIA

7.7.2020

2. PORTAL

21,398,608
20,151,463*

Notes: January – November **2020**
*Total for the year of **2019**
** Total for the year of **2018**

DOSM PORTAL

14,684,740
17,010,563*
18,340,481**

1,478,935
1,760,245*
download
1,171,617**
download

In 2020 (Jan-Nov),
1,989,972 users accessed e-Statistics
1,711,140*
1,438,365**

e-Statistics

MyCensus Portal
2,971,207
996,312*

Population Quick Info
53,576
69,645*
51,862**

My Local Stats
103,851
37,973*
18,618**

Malaysia External Trade Statistics (METS)
31,180
141,987 *
178,252 **

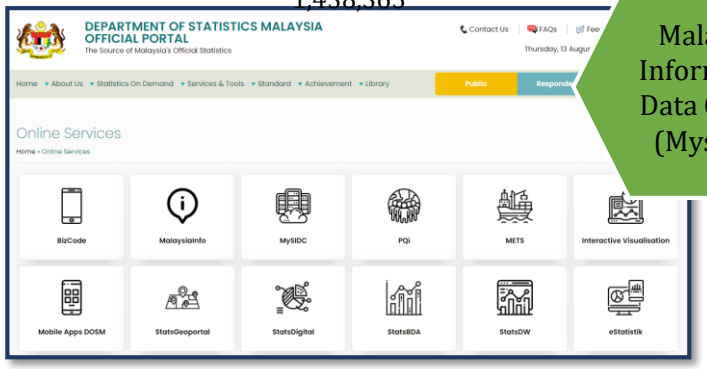
e-MSIC
42,028
78,683*
61,325**

STATS Geoportal
19,465
22,889*
22,189**

Statistics Data Warehouse (StatsDW)
16,151
20,632*
21,882**

Malaysia Informative Data Centre (MysIDC)
6,169
10,465*
9,335**

Interactive Distributive Trade (i-DT)
1,334
2,069*
1,194**



Diverse Group of Users Data

DATA USERS

Government leaders and political masters
Headlines indicators

Researchers and research institutions
Micro data, indicators sets

Business analyst
Micro data on businesses and households

General public
Official statistics and demographic information

DOSM's DELIVERABLES

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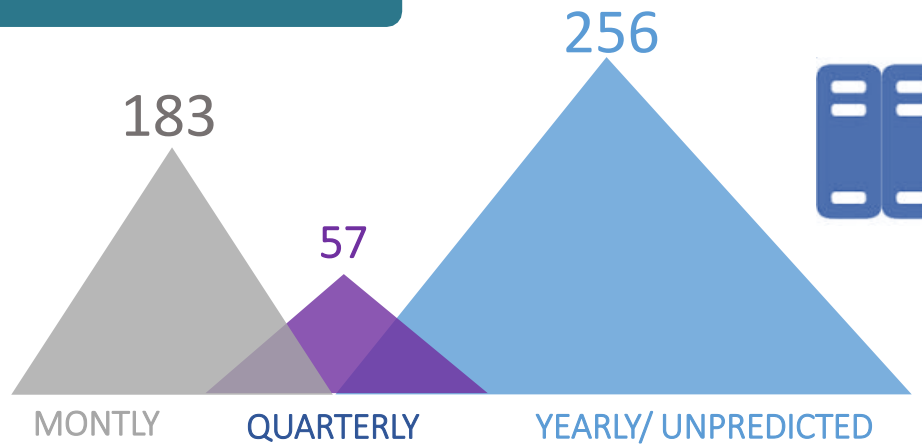
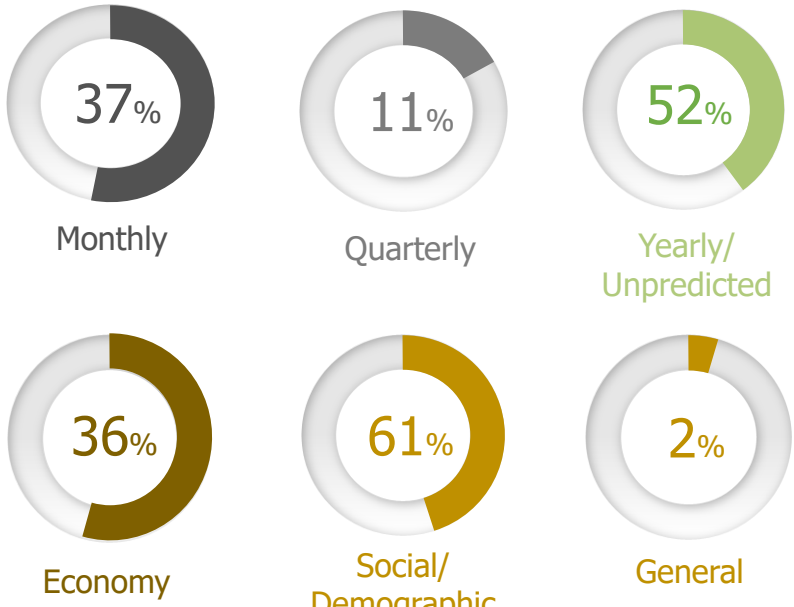
DOSM's Deliverables

New Publications





Key Statistics Compilation

496 publication (as at 1 December 2020)
352 publication (2019)

204 New Publications

- System of Environmental-Economic Accounting Physical Supply And Use Table: Water Account (MySEEA PSUT WATER), 2015
- Household Income and Basic Amenities Survey 2019 by State/District & Household Expenditure Survey Report 2019 by State/District **(15 States)**
- Wholesale & Retail Trade Census 2019 **(15 States)**
- 6 Series of Malaysia Economic Statistics Highlights
- 149 MyLocal Stats by District 2019

DOSM's Deliverables

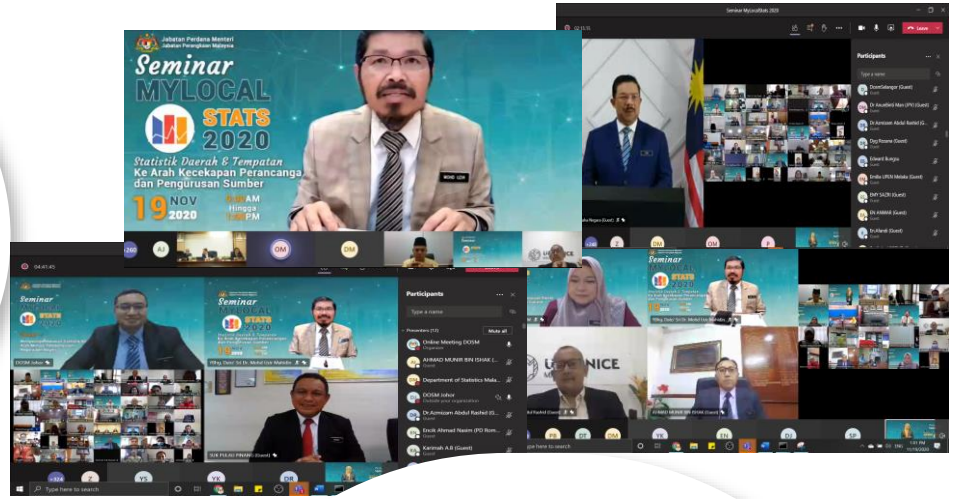
New Approach

My Local Stats Publication 2019 officiated by Minister of Prime Minister Department on 19 October 2020.

My Local Stats 2019 presents the **main socioeconomic statistics at administrative district level for the time series of 2017 till 2019**.

For the first time, **My Local Stats is published in149 publications** consist of **one publication at national level**, 143 publications for existing districts (before 2013), one publication covering 13 new districts and four publications for the Federal Territories and Perlis.

Promote My Local Stats with infographic via Social Media by asking " "Did you know that……." to create awareness to the public



For the first time, DOSM organised the **My Local Stats 2020 Seminar** virtually for the State Secretary, State Economic Planning Unit (UPEN), District Officers, Academics

Theme: **District & Locality Statistics Towards Efficient Planning And Resource Management**

Forum 1 : **Mainstreaming the Statistics Towards National and State Development**
Forum 2: **District Development Planning Based on Statistics**

Kahoot!

Interactive Quiz "My Local Stats" using Kahoot

DOSM's Deliverables

Engagement

(Jan-Oct 2020)

436 Consultations Services

348 Government
26 Privates
21 GLC
41 Others

(Jan-Oct 2020)

National engagement

223 Interactive Session with Community (309 Data Providers & 560 Data Users)

316 study visit from agencies, IPT and School in Malaysia

MoU with Universities (UMP, UNIMAS & UNIMAP)

164 *Statistics Talk*

StatsTalk @ Parliment

(84 participants)

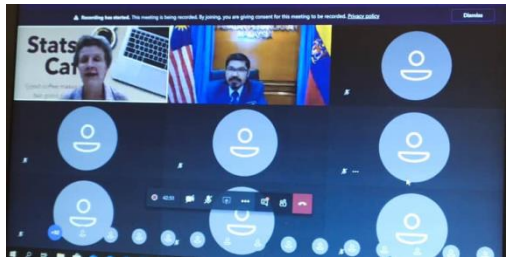
(Jan-Nov 2020)

1,015 Meetings

Meeting with the Stakeholders and relevant agencies

International involvement

1,083 officers involved in 106 overseas programs covers expert group meetings, training, forums, seminars, Webinars, Stats Cafe



- ✓ National and *World Statistics Day* 2020 *"Connecting the world with data we can trust"*

20.10.2020

- ✓ Malaysia Statistics Conference 2020 (Virtual)
- ✓ Virtual Short Course
- ✓ Interactive Quizzes

WAY FORWARD

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Capacity Building Modalities

Synchronous Learning

Seminar/ training/ knowledge sharing sessions are conducted through webinar which been participated by various stakeholders and statistical communities.

Asynchronous Learning

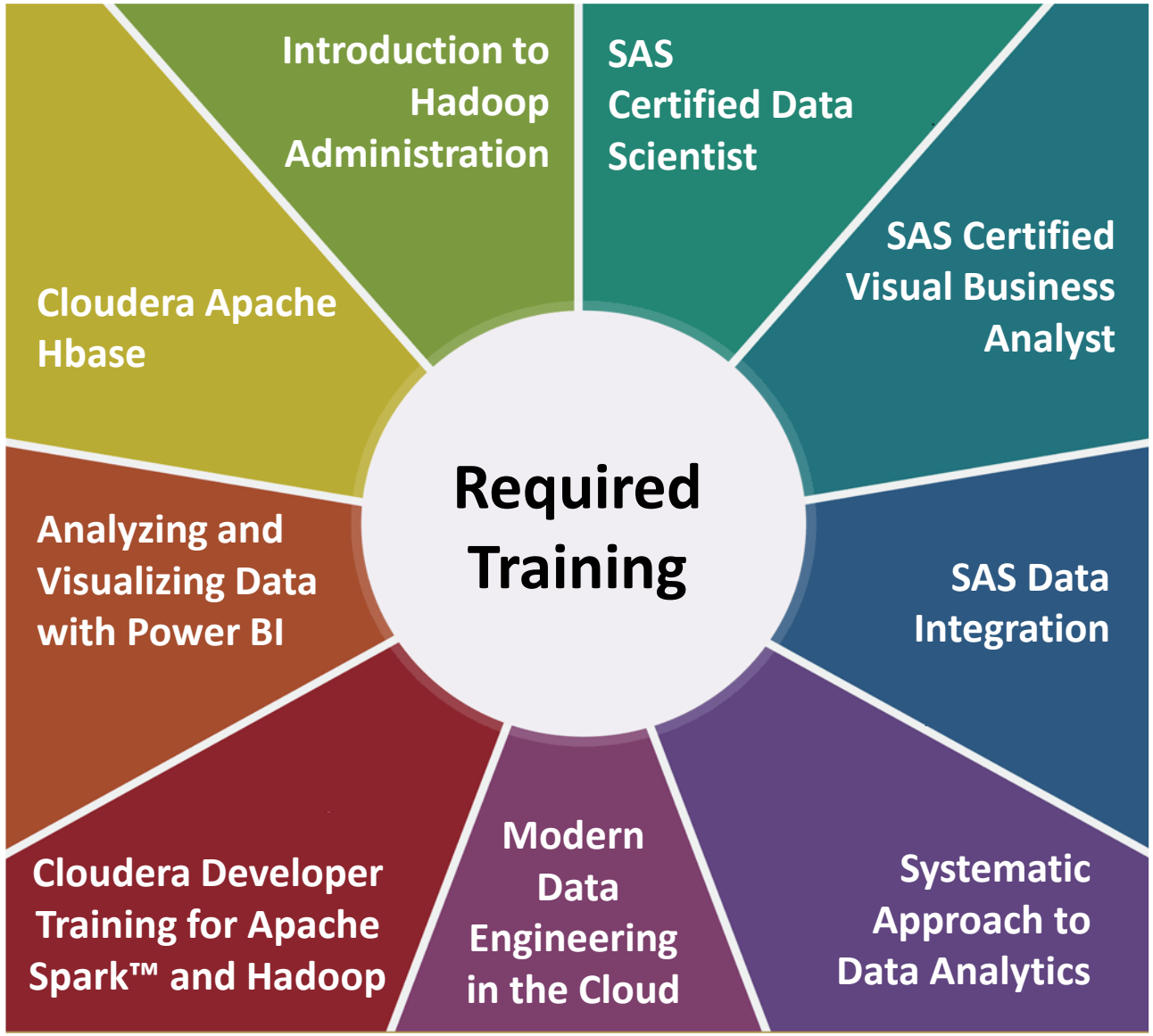
DOSM adopt an effective e-learning approach through Malaysia Statistics Ubiquitous Learning (MySUL).

Capacity Development

New skills for evolving demands on non-traditional sources

- Establishment of Big Data Analytics Core Team in May 2020

- Establishment of Malaysian Bureau Labor Statistics Nov 2019



Strengthening the National Statistical System (PSSN)

Tubuh pusat analitik data raya

Share Tweet

MyMetro › Bisnes

MUSTAPA (tengah) bersama Dr Mohd Uzir (kiri) pada Majlis Perasmian Sambutan Hari Statistik Negara dan Sedunia serta Persidangan Statistik Malaysia secara maya di Jabatan Perangkaan Malaysia.

astro AWANI

TERKINI ENGLISH MALAYSIA BELANJAWAN 2021 DUNIA POLITIK VIDEO LAIN-LAIN

Kerajaan lulus penubuhan Majlis Statistik dan Data Negara

Dalam memperkasakan sistem statistik negara, kerajaan meluluskan penubuhan Majlis Statistik dan Data Negara (MSDN) sebagai badan penasihat tertinggi.

Oktober 20, 2020 14:45 MYT

Pusat Analitik Data Raya akan ditubuhkan

Oleh Mohd Zaky Zainuddin - Oktober 20, 2020 @ 2:13pm
zaky@bh.com.my

Menteri di Jabatan Perdana Menteri (Ekonomi), Datuk Seri Mustapa Mohamed - Foto fail NSTP

PUTRAJAYA: Kerajaan akan menubuhkan Pusat Analitik Data Raya Negara bagi memastikan setiap perancangan dan pembuat keputusan berlandaskan analisis data selaras dengan inisiatif Kerajaan Digital.

Menteri di Jabatan Perdana Menteri (Ekonomi), Datuk Seri Mustapa Mohamed, berkata penubuhan pusat yang akan mengukuhkan sistem statistik negara itu adalah dengan kerjasama Jabatan Perangkaan Malaysia (DOSM), Unit Pemodenan Tadbiran dan Perancangan Pengurusan Malaysia (MAMPU) serta

(i) DOSM as a Central Agency.

(ii) Establishment of the National Statistics Data Council (NSDC)

(iii) Appointment of Chief Data Officer (CDO)

(iv) Change Management Office (CMO)

(v) Amend the Statistics Act 1965 (Revised 1989).

(vi) Enact the Data Consolidation Act.

(vii) Establishment of the National Data Analytics Centre.

Department of Statistics
MALAYSIA

Video: Link: https://drive.google.com/file/d/1a0zoPpEejPfZPkcE_nqiLwTbvm7dTKuz/view?usp=sharing

THANK YOU

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7.7.2020 – 21.12.2020 (e-Census) **20.1.2021 – 6.2.2021 (Face To Face)**

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MYSTATS DAY 20 OCT

2016-2030