



# NEWS LETTER

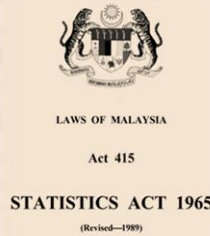
Prepared by:  
**SITI HASLINDA MOHD DIN**  
Director, BIPD

## An Evolution of *Statistical System* for Department of Statistics Malaysia (DOSM)

The national statistical system (NSS) is the ensemble of statistical organisations and units within a country that jointly collect, process and disseminate official **statistics** on behalf of national government.<sup>1</sup>  
Sep 25, 2001

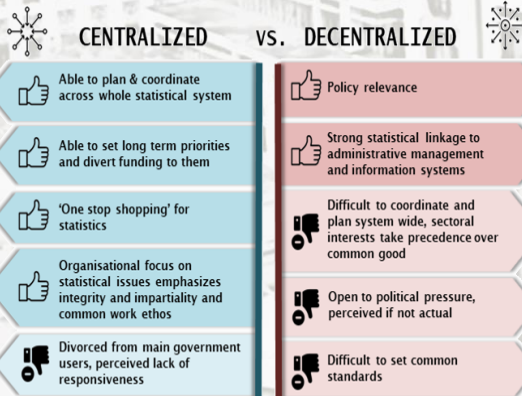
Statistical systems are said to be **centralised** when all, or most, of the products of the statistical system are produced and disseminated by the central organisation.<sup>2</sup>

Department of Statistics, Malaysia established under the **Statistics Ordinance 1949**, the Statistics Sections in both the Central Trade Registry and the Department of Agriculture were merged to become the Bureau of Statistics. The Bureau, headed by the Registrar of Statistics, was responsible for the collection, preparation and publication of statistics supported by the ordinance. DOSM celebrate its 71<sup>st</sup> anniversaries this year of implementing **centralised** national statistical system.



The legal framework is of crucial importance to the effectiveness of DOSM statistical system. DOSM has established its framework through Statistics Act 1965 (Revised 1989). This act serves as an operational framework.

The implementation guidelines for the United Nations Fundamental Principles of Official Statistics states 'High quality legislation is critical to the effective performance of a national statistical system'



### Selected National Statistical Office

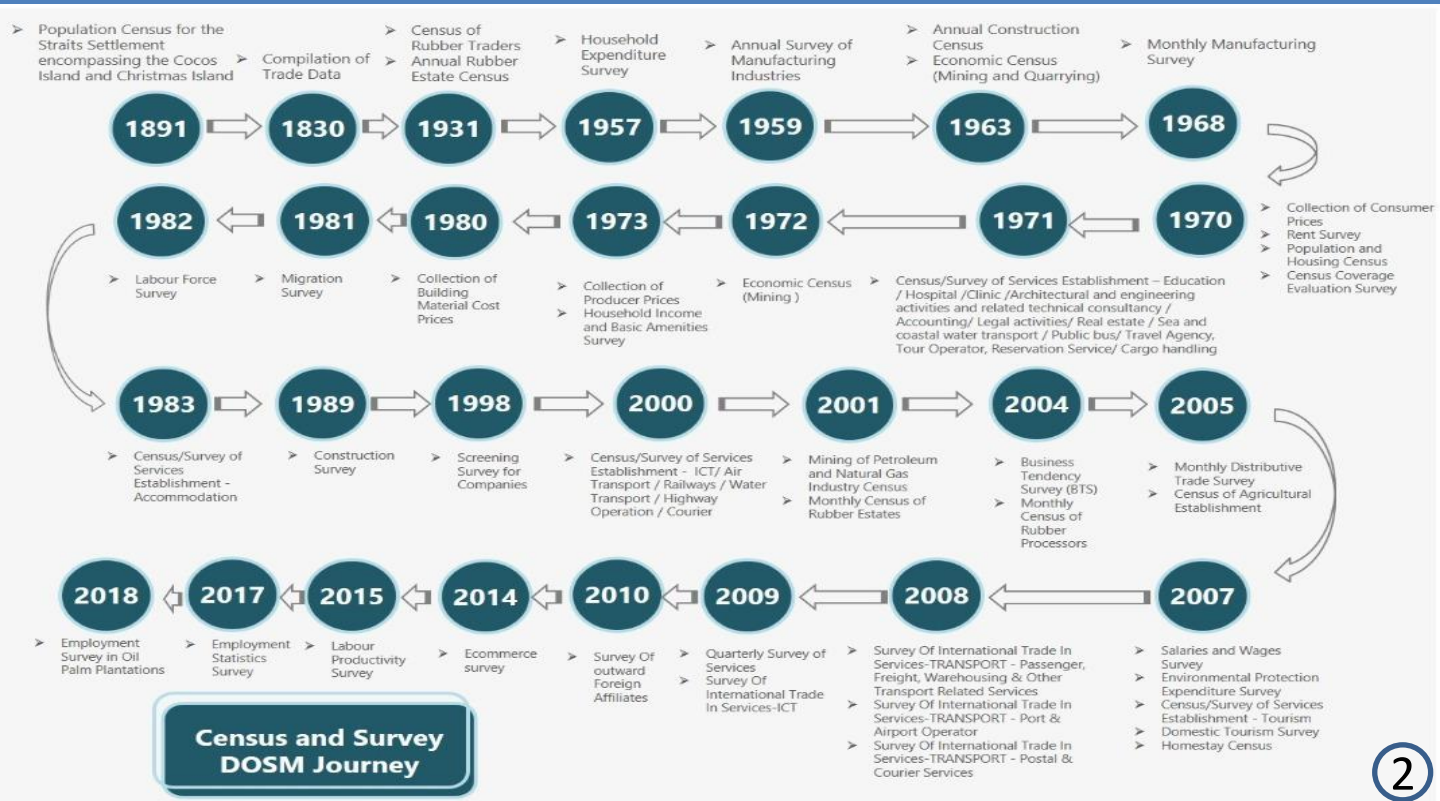
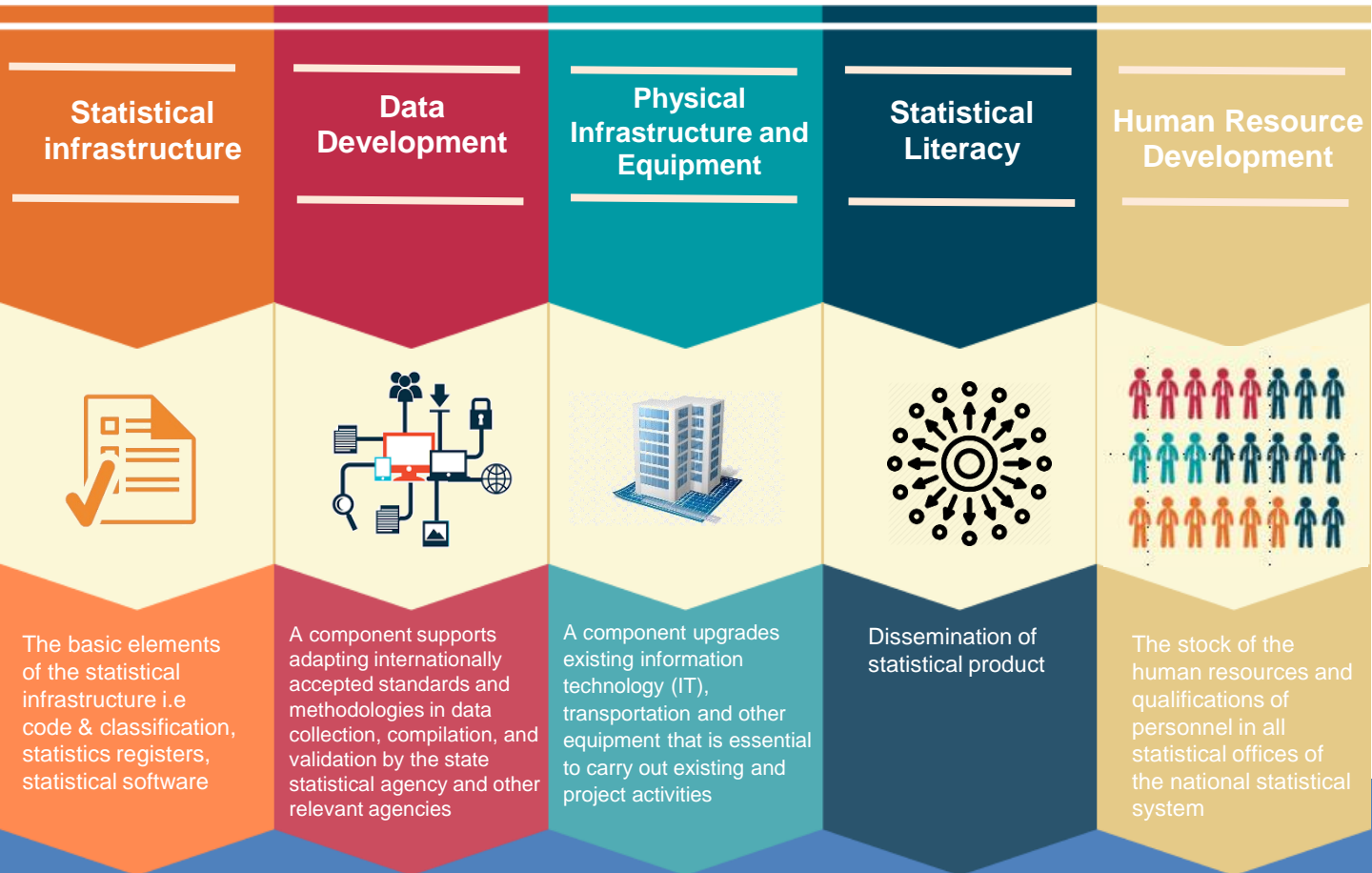


Over the years, DOSM has consistently committed in increasing its capacity. As such, to realize the benefits of the data revolution, the statistical literacy of citizens and government officials must increase. The value of statistics has to be recognized for guiding policies, assessing results and creating valuable products. Thus, strategies for increasing statistical literacy will be intensified on many fronts.

- References:**
1. Measuring the Non-Observed Economy: A Handbook, OECD, IMF, ILO, Interstate Statistical Committee of the Commonwealth of Independent States, 2002, Annex 2, Glossary.
  2. Model of Statistical System, PARIS21, 2005



# DEPARTMENT OF STATISTICS MALAYSIA STATISTICAL SYSTEM



**POPULATION & HOUSING CENSUS MALAYSIA 2020**  
YOUR DATA IS OUR FUTURE

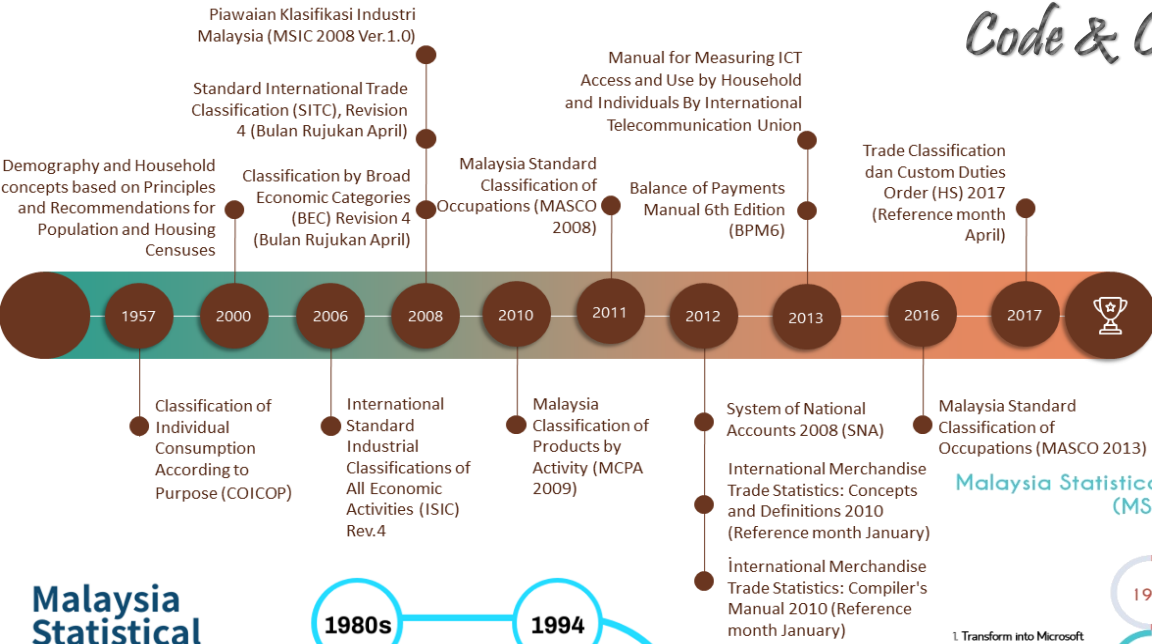
**#MyCensus2020**  
**7.7.2020**  
Make Sure You're

HARI STATISTIK NEGARA  
20 OCT

2016-2030

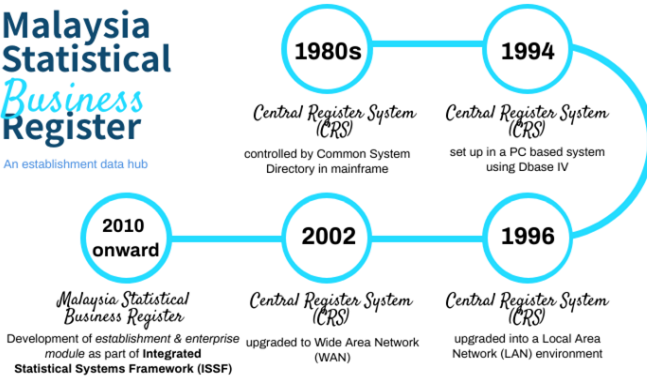


It is important for statistical system to put some standard of its practise. DOSM adopted international classification in order to facilitate comparison of official statistics across states and countries. Codes are used to harmonised all surveys and censuses responses which will ease the analysis.



### Malaysia Statistical Business Register

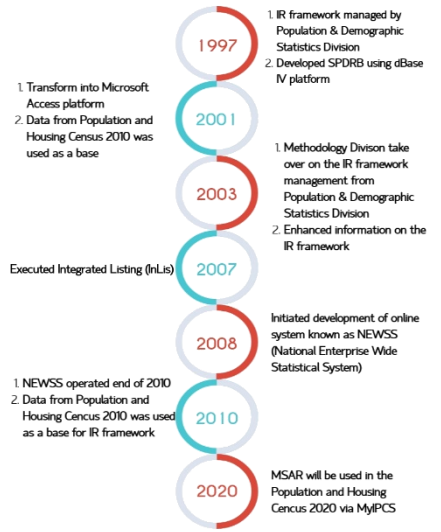
An establishment data hub



Malaysia Statistical Business Register (MSBR) is DOSM's comprehensive list of businesses and companies operating in Malaysia. MSBR comprise of all active and inactive businesses and companies registered with any legal entities. The MBSR is updated regularly either through field operation or tapping from administrative data.

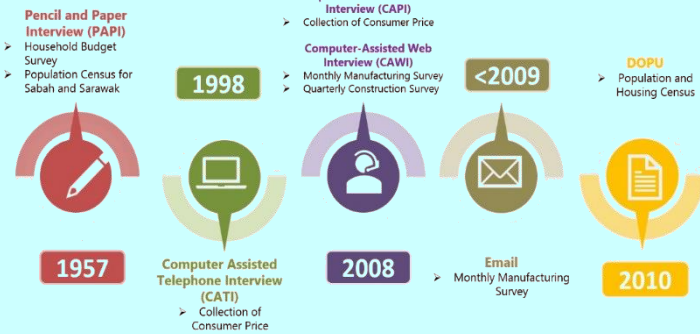
Malaysia Statistical Address Register (MSAR) contains a comprehensive list of addresses in residential and commercial area in Malaysia. Team from DOSM state offices rigorously updated those addresses every year. With MSAR, DOSM able to profile approximate 8 million living quarters on granular basis.

### Malaysia Statistical Address Register (MSAR)



## Data Development

### Mode Data Collection



Inline with the evolution of the technology, the mode of data collection for surveys and censuses conducted by DOSM had also evolved to ensure ease of respondent burden and seamless data journey.

Today, DOSM has benefited from numerous administrative data in enriching its statistical registers, surveys and censuses. Those administrative data from various agencies are obtained either thru manual processes or an integrated system for seamless data flow and regular transmission.

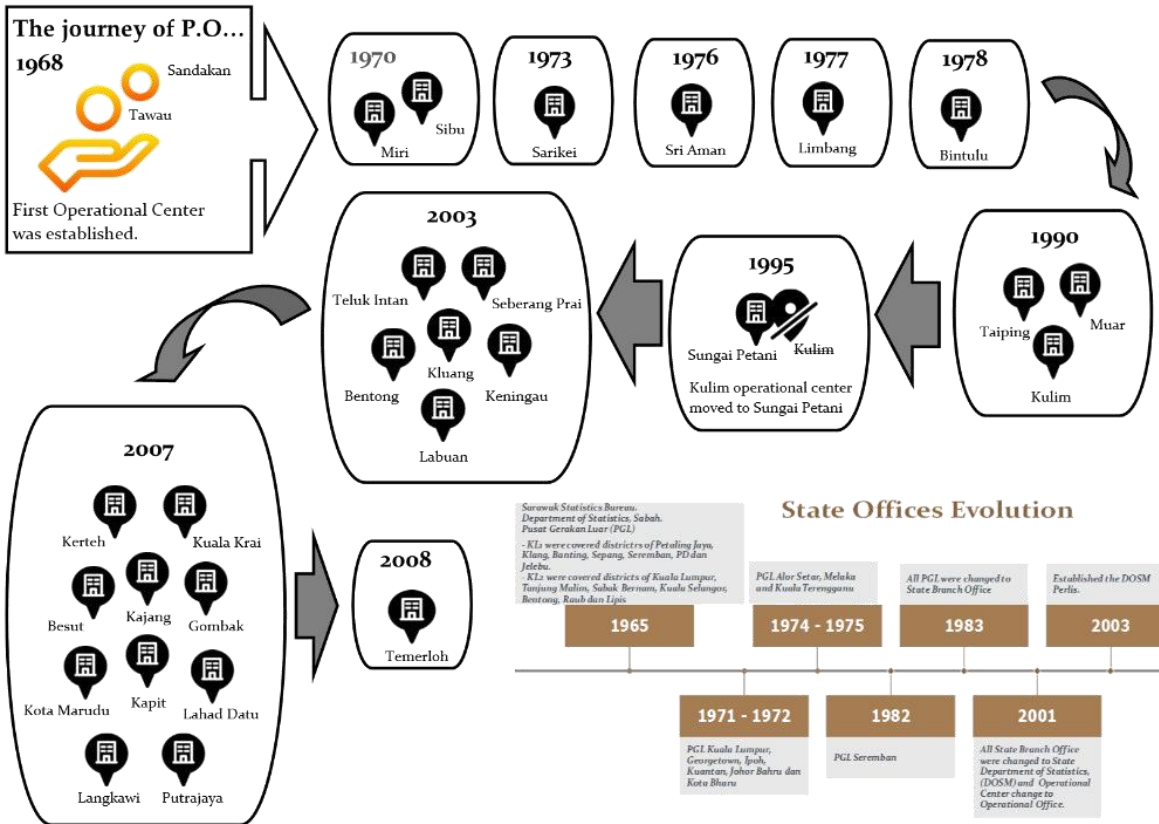
### Inter Agency Planning Groups (IAPGs)

In a society where the amount of information is growing explosively, it is important to consult stakeholders and users while generating the official statistics. Numerous inter agency planning groups have established a platform of consultation between DOSM and other agencies. Through this consultation, DOSM able to identify data gaps in any statistical programs. DOSM also able to inform any new survey is developed or existing surveys are improved. Administrative data from various agencies have been identified and leveraged in order to strengthen the production of Malaysia official statistics. In addition, the IAPGs member will aware and able to use data to inform programs and policies.



# Physical Infrastructure and Equipment

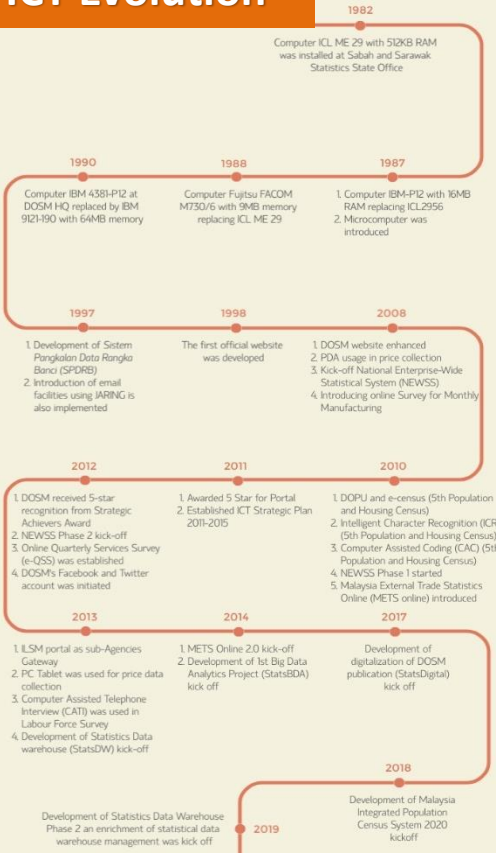
## Evolution of State Offices And Operational Offices (P.O.)



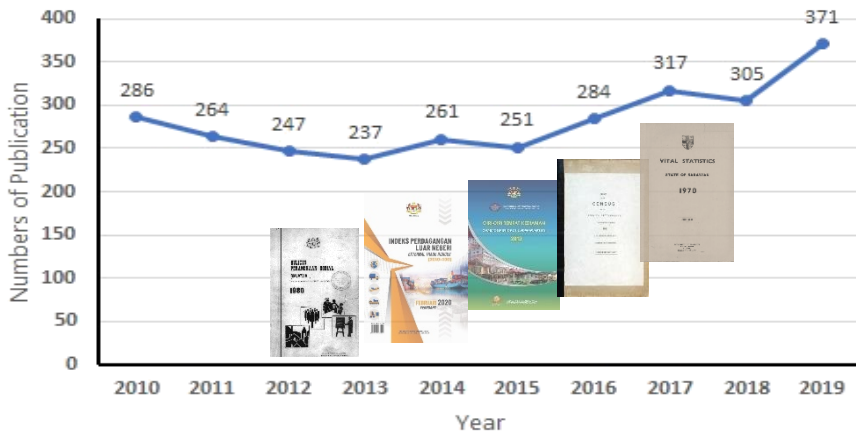
Department of Statistics Malaysia has **14 states office** and **27 Operational Offices** of which their main role is gathering data from field work thru out Malaysia.

Institutional Coordination

## ICT Evolution



## Statistical Literacy

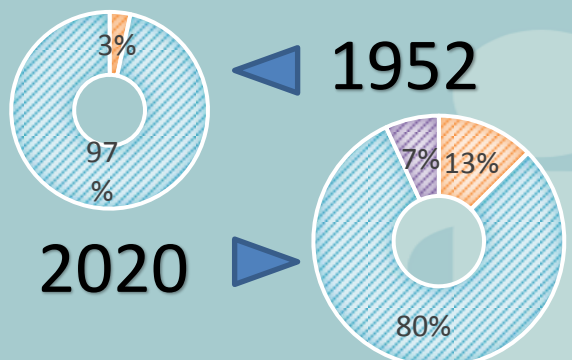


Producing and disseminating data and statistics means little if they are not used. Providing data in open formats with open licenses encourages their use. Yet data will have little impact unless user communities recognise their relevance for understanding the world around them or for informing decisions made by themselves or others. Subsequent to this, DOSM has put various effort to reach all groups of users aiming to increase the statistical literacy.

DOSM also always look for new insights and present it in a publication. Those publication can easily be accessed at [www.dosm.gov.my](http://www.dosm.gov.my)

## DOSM'S TALENT

- DOSM size has upsizing tremendously after 70 years of its establishment, from 117 to 3420 personnel.
- Numerous short and long courses conducted to uplift the skill and knowledge of its personnel.
- DOSM's received lot of appreciation from international bodies as shown in the graph.
- The opportunity to gain more in-depth knowledge, DOSM always encourage its manpower to gain higher certification.



### HR SIZE

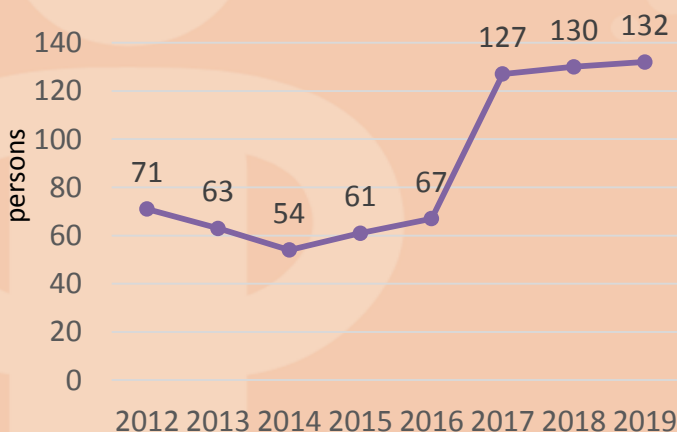
Professional Supportive  
Cadre

### NUMBER OF COURSES BY CATEGORY

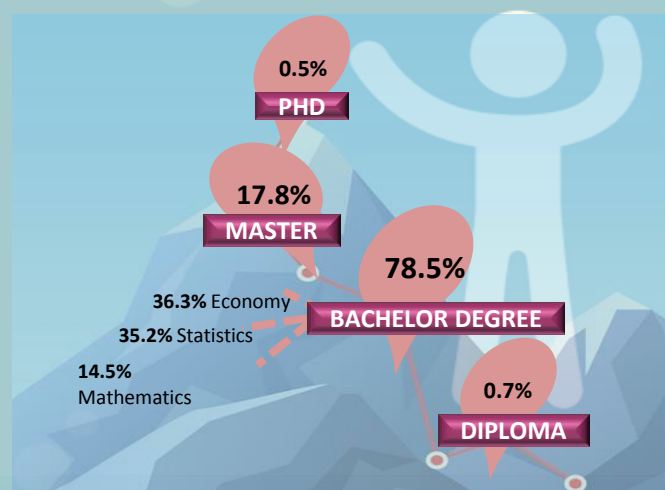


### IN-HOUSE TRAINING

### INTERNATIONAL PARTICIPATIONS



### HIGHEST CERTIFICATE OBTAINED



### WAY FORWARD

As official statistics deal increasingly with complex subject matters which require specialized knowledge, the retention knowledgeable staff becomes imperative for effective compilation and analysis. Professional official statisticians should be given the proper recognition for the knowledge and skills that they possess. It is also critical for statisticians to strictly adhere to the professional standards and ethics associated with official statistics, such as objectivity and impartiality.

The data revolution has put new tools and sources of data in the hands of statisticians. These can serve national statistical offices, as well as the increasing number of data users and producers in the growing data ecosystem. In the future, national statistical systems will find themselves working with new partners, and their role within the data ecosystem may well change, but their core responsibilities for official statistics will remain.

@Data Management & Integration Division Team 2020

**DISCLAIMER: The article in this newsletter is the initiative of DOSM officers based on ad-hoc observation and collection of brief information in the field during the Movement Control Order. It does not meet the country's official statistics released standards. Therefore, the content of this newsletter cannot be interpreted as DOSM's official statistics.**