

MALAYSIA STRATEGIES FOR IMPROVING CIVIL REGISTRATION AND VITAL STATISTICS SYSTEMS

Workshop on the Operation of Civil registration, Vital Statistics and Identity Management Systems for East Asian Countries

13- 17 November 2017

Hanoi, Vietnam

Background

Malaysia has adopted the resolutions proposed in the Ministerial Conference in a Ministerial Declaration to 'Get Everyone in The Picture' and Regional Action Framework (RAF) for the Decade

NATIONAL INSTITUTIONAL ARRANGEMENTS

Main National CRVS Stakeholders

- Ministry of Home Affairs (MOHA)
- Ministry of Health (MOH)
- National Registration Department (NRD)
- Department of Statistics Malaysia (DOSM)



NATIONAL INSTITUTIONAL ARRANGEMENTS

Governance of CRVS in Malaysia

Tier 1 Steering Committee

Chaired by Sec. Gen of MOHA

Consist reps from various related government agencies including MOHA, MOH, Foreign Affairs, Women & Family, Education, NRD, DOSM, AGC, EPU, MAMPU and Dep. of Islamic Development

To evaluate and endorse the suggestion, planning or enhancement activities on CRVS

Tier 2 Technical Committee

Chaired by Director Gen. of NRD

Consist reps from various related government agencies including NRD, MOHA, MOH,DOSM, Immigration, Police, Social Welfare, Department of Islamic Development, Sabah and Sarawak State Secretary

To prepare suggestion, planning and execute the enhancement on CRVS

NATIONAL INSTITUTIONAL ARRANGEMENTS

National Improvement Plan

- To address various challenges in capturing vital information of all individuals in the country
- Improve reporting of cause of death latest version of ICD 10 (2010) and verbal autopsy approach
- Developed an integrated system between related government agencies
- Centralized registration system of birth and death
- National focal point have been identified

	Core Topics	Availability	Published by	Remarks
A.	Birth			
1.	Date of occurrence	√	DOSM	
2.	Date of registration	/	DOSM	
3.	Place of occurrence Locality of occurrence (Urban/rural)		DOSM	In progress for urban and rural localities
4.	Place of registration	✓	DOSM	
5.	Type of birth (single, twin, triplet)	✓	DOSM	
6.	Attendant at birth	/	МоН	
7.	Sex		DOSM	
8.	Weight at birth	/	DOSM	

	Core Topics	Availability	Published by	Remarks
A.	Birth (mother)			
9.	Date of birth of mother - Age	✓	DOSM	
10.	Marital status	1		Not published
11.	Educational attainment	\boldsymbol{x}		
12.	Place of usual residence - Locality of residence - Urban/rural residence	✓	DOSM	
13.	Duration of residence at usual place	x		
14.	Place/country of birth - Migrant status	✓		Not published

	Core Topics	Availability	Published by	Remarks
A.	Birth (mother)			
15.	Children born alive to mother during her entire lifetime - Birth order or parity	x		
16.	Foetal deaths to mother during her entire lifetime	x		
17.	Date of marriage - Duration of marriage			not published
18.	Date of last previous live birth - Interval since previous live birth	x		

	Core Topics	Availability	Published by	Remarks
A.	Birth (father)			
19.	Date of birth of father - Age	x		
20.	Marital status	✓		Share with mother
21.	Educational attainment			not published
22.	Place of usual residence - Locality of residence - Urban/rural residence	x		



JABATAN PENDAFTARAN NEGARA MALAYSIA DAFTAR KELAHIRAN / KELAHIRAN MATI

DAFTAR KELAHIRAN / KELAHIRAN MATI Akta Pendaftaran Kelahiran dan Kematian 1957 [Seksyen 4(1) dan 7 (1)]

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	Bidan/Orang Yang Menyambut Kelahiran/ Pihak Berkuasa Hospital/Klinik)
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18. Alamat	
19. Keturunan 20. Pekerjaan	21. Pendidikan
22. Taraf Pemastautin	
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23. Agama	
1 Islam 2 Kristian 3 Buddha	4 Hindu 5 Lain-lain, nyatakan
24. Taraf Perkahwinan	
	25. Tarikh Perkahwinan
Tidak Berkahwin 2 Berkahwin	Hari Bulan Tahun

	Core Topics	Availability	Published by	Remarks
В.	Foetal Death/Stillbirth			
1.	Date of occurrence (of foetal delivery)	_	DOSM	
2.	Date of registration		DOSM	
3.	Place of occurrence Locality of occurrence Urban/rural	✓	DOSM	not published for urban and rural
4.	Place of registration	✓	DOSM	
5.	Sex of the fetus		DOSM	

	Core Topics	Availability	Published by	Remarks
В.	Foetal Death/Stillbirth (on mother)			
6.	Date of birth -Age	\boldsymbol{x}		
7.	Children born alive to mother during her entire lifetime - Birth order or parity	x		
8.	Foetal deaths to mother during her entire lifetime	\boldsymbol{x}		
9.	Date of last previous live birth	x		
10.	Interval since previous live birth	\boldsymbol{x}		
11.	Date of marriage - Duration of marriage	x		
12.	Place of usual residence - Locality of residence - Urban/rural residence		DOSM	

	Core Topics	Availability	Published by	Remarks
В.	Foetal Death/Stillbirth (on father)			
13.	Date of birth -Age	x		
14.	Place of usual residence - Locality of residence - Urban/rural residence	x		

DAFTAR KEMATIAN / PERMIT MENGUBUR Akta Pendaftaran Kelahiran dan Kematian, 1957 [Seksyen 4(1), Kaedah 5] No. S

No. Siri: 1055501

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8. Nama Penuh NTUK KEGUNAAN 9. Kad Pengenalan / S PENGESAHAN P	Hari Bulan JABATAN PEN Sijil Kelahiran Si M	Tahun Tahun DAFTARAN NE ati Diserahkan	GARA	Ya KEPUTI	(Tandatangan / Cap Ibu Jari Kanan) PENGESAH KEMATIAN 25. No. Dokumen Pengenalan Diri 26. Jenis Dokumen Pengenalan / Negara pengeluar 27. Pekerjaan Saya mengesahkan butir-butir di ruangan A dan C adalah benar dan betul. (Tandatangan dan Cop Rasmi Pegawai)

	Core Topics	Availability	Published by	Remarks
C.	Death			
1.	Date of occurrence	√	DOSM	
2.	Date of registration	/	DOSM	
3.	Place of occurrence Locality of occurrence Urban/rural		DOSM	In progress for urban and rural localities
4.	Place of registration	√	DOSM	
5.	Cause of death		DOSM	
6.	Certifier - Type of certification		DOSM	

	Core Topics	Availability	Published by	Remarks
C.	Death			
7.	Date of birth - Age		DOSM	
8.	Sex	/	DOSM	
9.	Marital status	\boldsymbol{x}		
10.	Place of usual residence	/	DOSM	
11.	Place of usual residence of the mother (for deaths under 1 year of age) - Locality of residence - Urban/rural residence		DOSM	

SDG INDICATOR RELEVANT FOR MALAYSIA CRVS



3.1.1 Maternal mortality ratio

- 3.1.2 Proportion of births attended by skilled health personnel
- 3.2.1 Under-five mortality rate
- 3.2.2 Neonatal mortality rate



16.9.1 Proportion of children under 5 years of age whose births have been registered with a civil authority, by age



17 PARTNERSHIPS FOR THE GOALS



17.19.2 Proportion of countries that (a) have conducted at least one population and housing census in the last 10 years; and (b) have achieved 100 per cent birth registration and 80 per cent death registration

Key: Tier 1 Tier 2 Tier 3

SDG INDICATOR RELEVANT FOR MALAYSIA CRVS



1.3.1 Proportion of population covered by social protection floors/systems, by sex, distinguishing children, unemployed persons, older persons, persons with disabilities pregnant women, newborns, work-injury victims and the poor and the vulnerable 1.5.1 Number of deaths, missing persons and directly affected persons attributed to disasters per 100,000 population



3.4.1 Mortality rate attributed to cardiovascular disease, cancer, diabetes or chronic respiratory disease

2.4.2 Spinish mortality rate

WIP

3.4.2 Suicide mortality rate

3.6.1 Death rate due to road traffic injuries

3.7.2 Adolescent birth rate (aged 10-14 years; aged 15-19 years) per 1,000 women in that age group

3.9.1 Mortality rate attributed to household and ambient air pollution

3.9.2 Mortality rate attributed to unsafe water, unsafe sanitation and lack of hygiene (exposure to unsafe Water, Sanitation and Hygiene for All (WASH) services)

3.9.3 Mortality rate attributed to unintentional poisoning



Tier 1 Tier 2 Tier 3

SDG INDICATOR RELEVANT FOR MALAYSIA CRVS



5.3.1 Proportion of women aged 20-24 years who were married or in a union before age 15 and before age 18



11.5.1 Number of deaths, missing persons and directly affected persons attributed to disasters per 100,000 population



13.1.1 Number of deaths, missing persons and directly affected persons attributed to disasters per 100,000 population





16.1.1 Number of victims of intentional homicide per 100,000 population, by sex and age 16.1.2 Conflict-related deaths per 100,000 population, by sex, age and cause



Tier 1 Tier 2

19

1. Improvement on legislation

Revision on Birth and Death Registration Act (Act 299) 1957 in 2016.

- "Special provision as to registration of birth and death"
- Births and deaths can be registered at any NRD in Peninsular Malaysia (online system).



1. Improvement on legislation (cont.)

- Revision on Birth and Death Registration Act (Act 299) 1957 in 2016 (cont.).
- Extending the period of birth registration up to 60 days and abolished late birth registration.
- The extension of the death registration/confirmation of death and post mortem from 12 hours to 7 days.



1. Improvement on legislation (cont.)

- Combining burial permit with death registration as well as to introduce on line system for this two procedures.
- National Statistical Review to strengthen DOSM to obtain administrative data from other agencies.



2. Improvement in service delivery especially on birth and death registration

- Empowerment of NRD Outreach Program
- to facilitate and deliver services to the people's doors, especially the rural people in remote areas that are less able in terms of transportation, physical and also income.
- also determine each citizen has access to basic services ie obtain identification document.
- ☐ Services and facilities in Rural Transformation Centre (RTC) and also Urban Transformation Centre (UTC).



3. Improvements on Cause of Death Statistics

- To improve Medically Certified Death by using verbal autopsy approach.
- To increase certification of coders that will improve data quality on Causes of Death.



4. CRVS Digitization

a. NRD has setup an integrated system to register births and deaths online at any NRD offices and kiosk in Peninsular Malaysia.

It was not necessary that every vital events such birth and death must be register within the area of particular NRD offices



4. CRVS Digitization (cont.)

- b. Enhancement of Integrated Online System of Death Registration with Burial Permit
- Online death reporting at police station and without form.
- Fast and accurate death status updates.
- Solve problems dumping unquoted death certificates



4. CRVS Digitization (cont.)

c. Enhancement of Agency Link Up System (ALIS)

easy for government agencies to check and validate personal information on the web with NRD online.



4. CRVS Digitization (cont.)

d. Enhancement of myINDENTITY

ID Number (Mykad) as the ultimate reference number at all government agencies this identification and information was shared between immigration department, inland revenue board, Police and more than 25 other agencies.



- 4. CRVS Digitization (cont.)
- e. Development Of Checking System for Announcement Of Marriage Application online.
 - easy for couples to check the date of publication of marriage applications at NRD Portal without having to go to NRD.



4. CRVS Digitization (cont.)

f. Enhancement of Digital Document Storage for Main NRD Transactions

 Access to the record will be more accurate and fast.

More organized and effective database structure.

The digital record kept is accurate and with integrity.

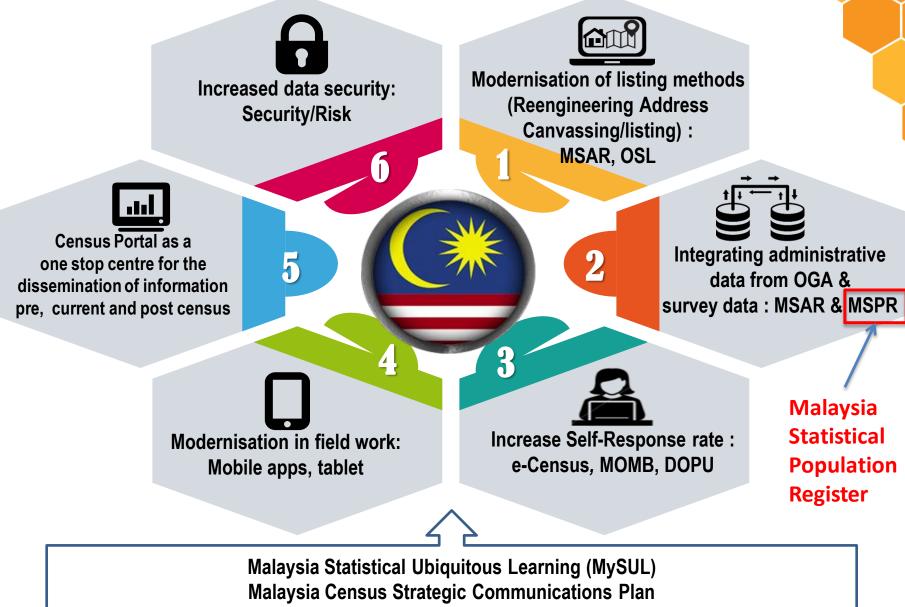


4. CRVS Digitization (cont.)

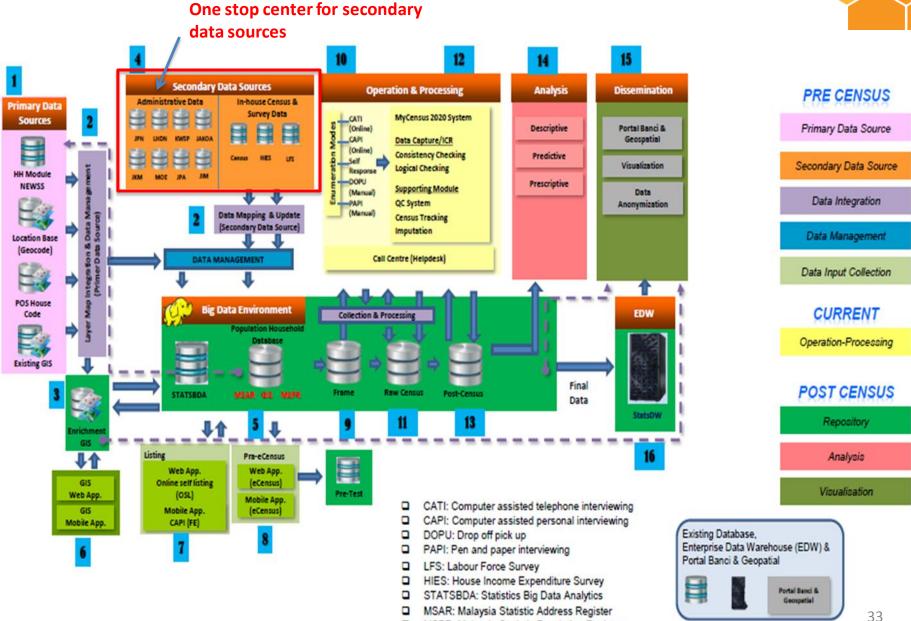


CRVS Digitization as a the part development of Malaysia Integrated **Population** Census System (MyIPCS) Malaysia **Transformation Census** Program (MyCTP).

Malaysia Census Transformation Programme (MyCTP)



Malaysia Integrated Population Census System (MyIPCS)



MSPR: Malaysia Statistic Population Register

4. CRVS Digitization (cont.)

h. Development ofMalaysia Health DataWarehouse (MyHDW)

 Source of comprehensive healthcare data structured for query and analysis purposes





5. Improvements on data quality and dissemination

- Data harmonisation with Ministry of Health:
 - Maternal death
 - Under five death
 - Stillbirth
- Data adjustment due to under reporting of death
- Reduce time lapse to publish annual publication of Vital Statistics and Causes of Death from 2 years to one year.



5. Improvements on data quality and dissemination (cont.)

- Production of Quarterly Vital Statistics
- Statistics at small area (by District)
- New indicators (i.e. Premature death, death rate for selected COD)

CRVS Digitization from Malaysia (cont.)



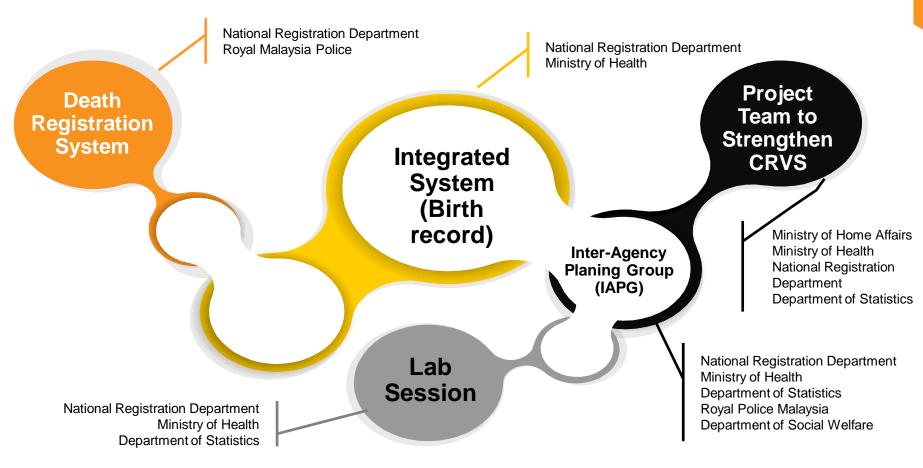
6. Improvement on Digital Vital Statistics Dissemination

- Online publication of Vital Statistics and Causes of Death Statistics can be download at DOSM portal for free.
- Future development on data visualization for Vital Statistics.
- Development of Statistical Data Warehouse (StatsDW)

7. Agencies collaboration for the next 2020 Population and Housing Census.



8. Improve engagement and collaboration between agencies





- THANK YOU
- TERIMA KASIH