



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

ANALYSIS OF VS CORE TOPIC FOR MALAYSIA

	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	✓	MoH	
7.	Sex	✓	DOSM	
8.	Weight at birth	✓	DOSM	

ANALYSIS OF VS CORE TOPIC FOR MALAYSIA

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

ANALYSIS OF VS CORE TOPIC FOR MALAYSIA

	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		

ANALYSIS OF VS CORE TOPIC FOR MALAYSIA

	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		

ANALYSIS OF VS CORE TOPIC FOR MALAYSIA

	Core Topics	Availability	Published by	Remarks
B.	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	

ANALYSIS OF VS CORE TOPIC FOR MALAYSIA

	Core Topics	Availability	Published by	Remarks
B.	Foetal Death/Stillbirth (on mother)			
6.	Date of birth -Age	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	x		
9.	Date of last previous live birth	x		
10.	Interval since previous live birth	x		
11.	Date of marriage - Duration of marriage	x		
12.	Place of usual residence - Locality of residence - Urban/rural residence	✓	DOSM	

ANALYSIS OF VS CORE TOPIC FOR MALAYSIA

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

ANALYSIS OF VS CORE TOPIC FOR MALAYSIA

	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	

ANALYSIS OF VS CORE TOPIC FOR MALAYSIA

	Core Topics	Availability	Published by	Remarks
C.	Death			
7.	Date of birth - Age	✓	DOSM	
8.	Sex	✓	DOSM	
9.	Marital status	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

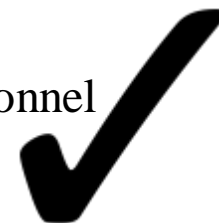


3.1.1 Maternal mortality ratio

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

X



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 3¹⁷

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

X



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

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

WIP

WIP

X

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
 Tier 3

Country strategies and achievements on CRVS

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).



Country strategies and achievements on CRVS

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.



**LATE
REGISTRATION**

Country strategies and achievements on CRVS

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.



Country strategies and achievements on CRVS

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) .



Country strategies and achievements on CRVS

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.



Country strategies and achievements on CRVS

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



Country strategies and achievements on CRVS

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



Country strategies and achievements on CRVS

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**.



Country strategies and achievements on CRVS

4. CRVS Digitization (cont.)

d. Enhancement of myINDENTITY

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



Country strategies and achievements on CRVS

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.



Country strategies and achievements on CRVS

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.



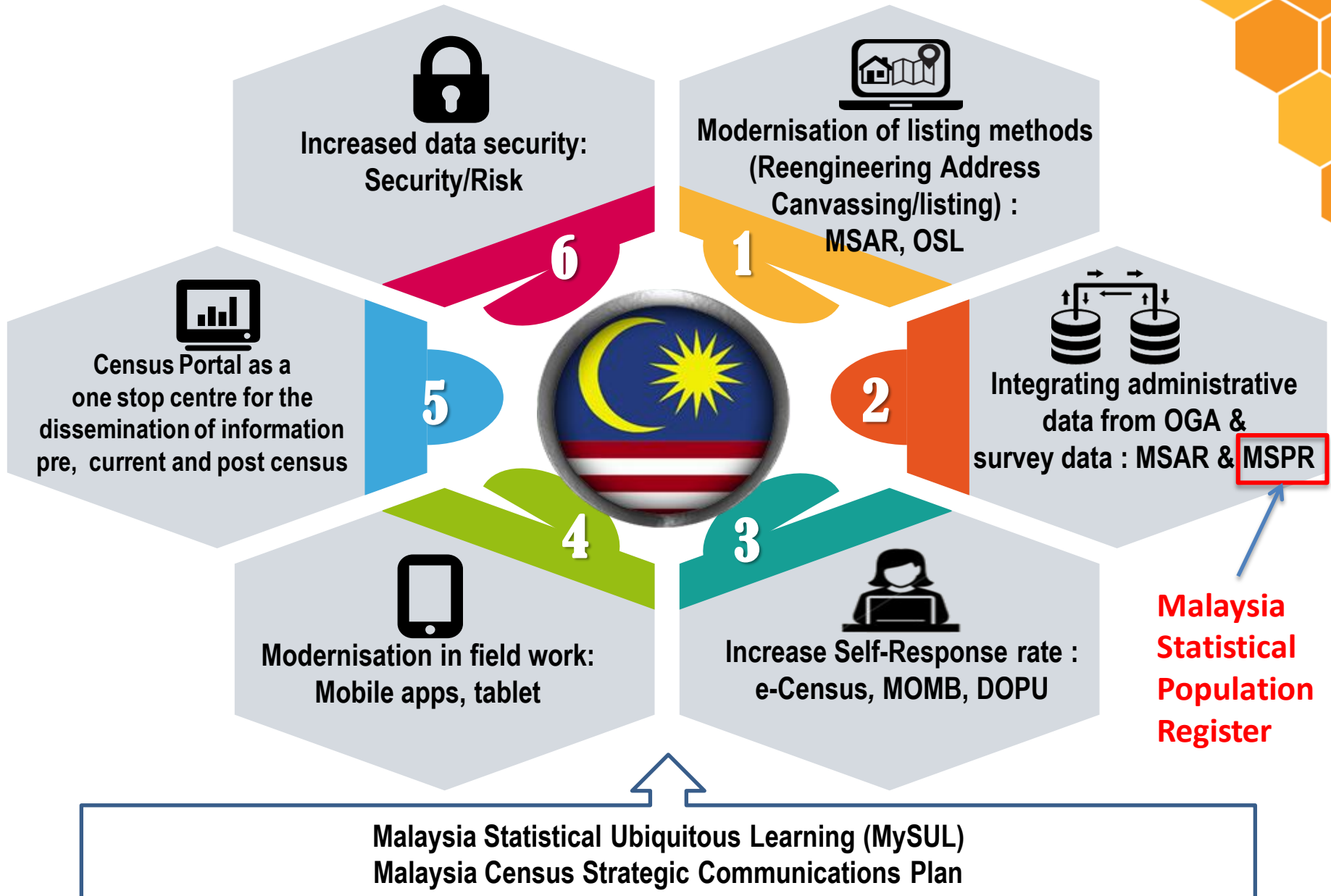
Country strategies and achievements on CRVS

4. CRVS Digitization (cont.)

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



Malaysia Census Transformation Programme (MyCTP)



Country strategies and achievements on CRVS

4. CRVS Digitization (cont.)

h. Development of Malaysia Health Data Warehouse (MyHDW)

- ◆ Source of comprehensive healthcare data structured for query and analysis purposes



Country strategies and achievements on CRVS

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.



Country strategies and achievements on CRVS

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)

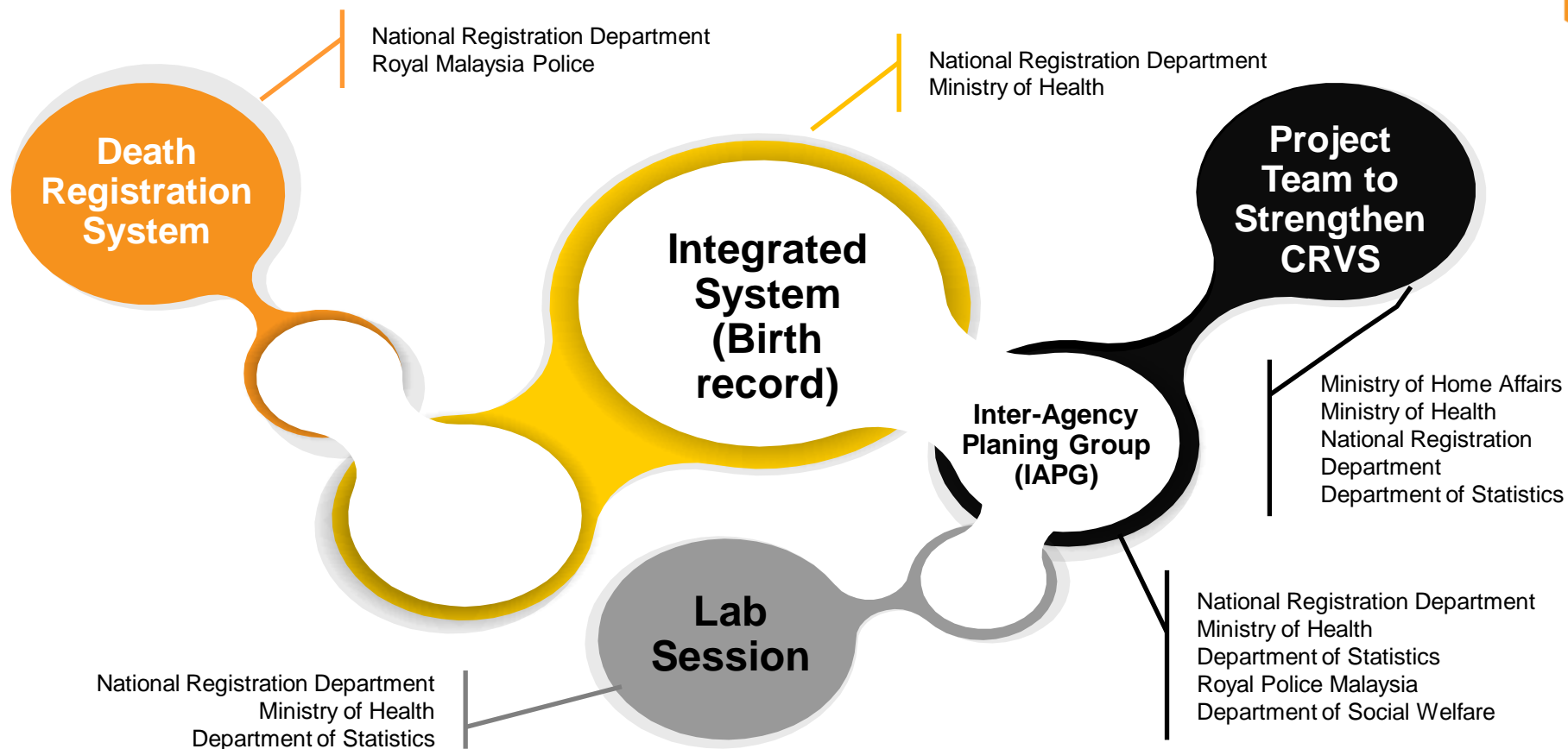
Country strategies and achievements on CRVS

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



Country strategies and achievements on CRVS

8. Improve engagement and collaboration between agencies



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- **THANK YOU**
 - **TERIMA KASIH**