Interoperability between CR & VS systems: Thailand experience

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Thai Civil Registration Systems

- Ministry of Interior started computerized population database and Citizen ID project in 1982
- BORA operates and maintains the data base for the entire population of the country, and issues identity cards and household booklets
MOPH Vital statistics Before 1996

- **Ministry of Interior**
  - Central Registry
  - Copy birth/death list for validation

- **Ministry of Public Health**
  - Compile, code, validate and process statistics
  - Aggregated report by Province
  - Send copy of death certificates

- **MOI Local Register**
  - Copy Birth/Death list

- **Provincial Health offices**

- **Hospitals**

- **Printed Annual Vital statistics report**
Weakness of the VS systems

- Discrepancy of birth/death counts between report from provincial health offices and MOI central registry
- Not timely: report lag time 2-3 years
- Cannot validate cause of death
- Need a lot of data entry personnel to enter data from hospital’s death certificate
1996, The Ministry of Public Health has signed MOU with the Ministry of Interior, regarding utilization of data in the central registration database of the administration, in order to reduce redundancy of birth, death data.

The Bureau of Registration Administration, Ministry of Interior, will send the data relevant to birth and death of all the persons who have been registered birth, dead from the central registration database to the Office of Permanent Secretary of the Ministry of Public Health.
Thai Vital Statistics after 1996

BORA Ministry of Interior
Central Registry

Electronic files

Ministry of Public Health

Compile, code, validate and process statistics

Printed/ Web Vital statistics report

Data Sync.

Web entry Birth certificate (Start 2010)

Web entry death certificates (start 2006)

Report statistics back to provinces

Hospitals

Provincial Health offices

National Health Security Office (NHSO)