

LAO PEOPLE DEMOCRATIC REPUBLIC



GENERAL INFORMATION OF LAO PDR.

- Land area 236,800 Km²
- Total population 6,385,057/Fm3,196,392 (50.06%)²⁰¹²
- Population Density 27.6/ Km²
- 16 provinces
- Vientiane Capital
- 144 districts
- 8,647 villages
- 338,336 families
- GDP per capital 2,700 US\$ (World Bank 2011)
- Live expectancy at birth 62 Male years; 64 years Female (WHO 2012)



HEALTH SYSTEM

- Center level:
 - MOH
 - 4 Center Hospitals (Tertiary care)
 - 3 Center Services
 - Dermatology Center
 - Ophthalmology Center
 - Rehabilitation Center



HEALTH SYSTEM

- Provincial and District level:
 - 16 Provincial health offices
 - 16 Provincial hospitals
 - 131 District Hospital s
 - 894 Health centers

CURRENT STATUSTS OF HEALTH INFORMATION SYSTEM IN LAOS

Strength:

- There is statistic division in MOH
- There are statistic unit in Provincial health office and provincial hospital
- There are staff who responsible for health statistic in district health office.
- Available data collection and report system from health center to provincial level
- Available inpatients, outpatient record and filing system in the hospitals
- Available data collection form in each level



CURRENT STATUSTS OF HEALTH INFORMATION SYSTEM IN LAOS

Weakness:

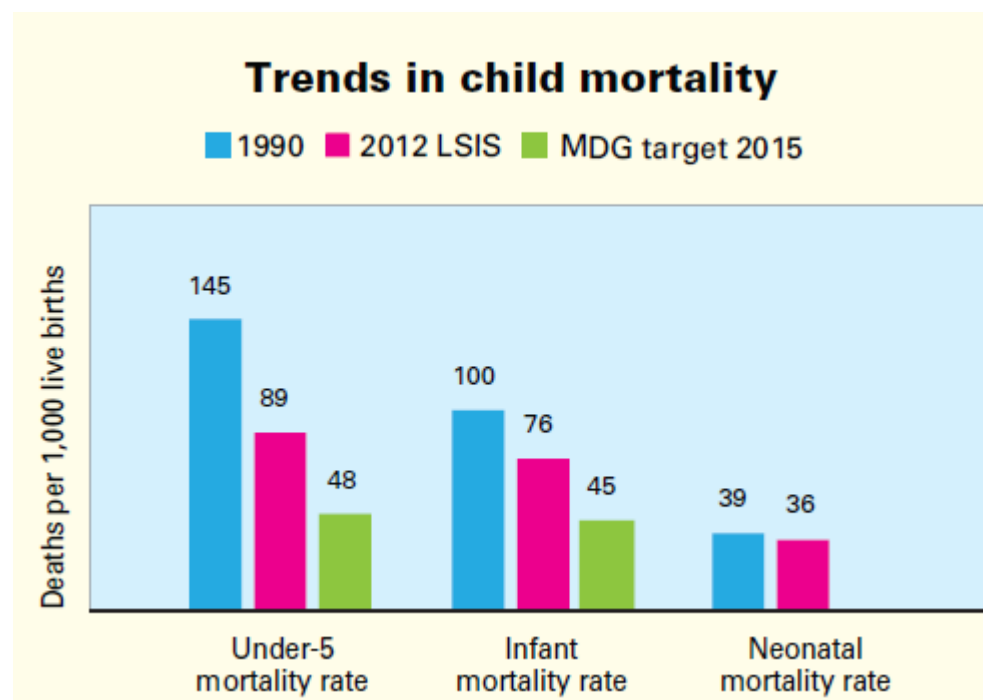
- Low harmoniously in data collection and data analysis system.
- It is not unity in monthly, annually report
- Each section was reported to the vertical line for example:
 - Hospital directly reported to Dept Health Care MOH
 - Provincial MCH unit directly report MCH center MOH
 - Provincial epidemiology unit directly reported to Center of Lab & Epidemiology MOH
- Unavailable or limited who are responsible for health information in the village.



CURRENT STATUSTS OF HEALTH INFORMATION SYSTEM IN LAOS

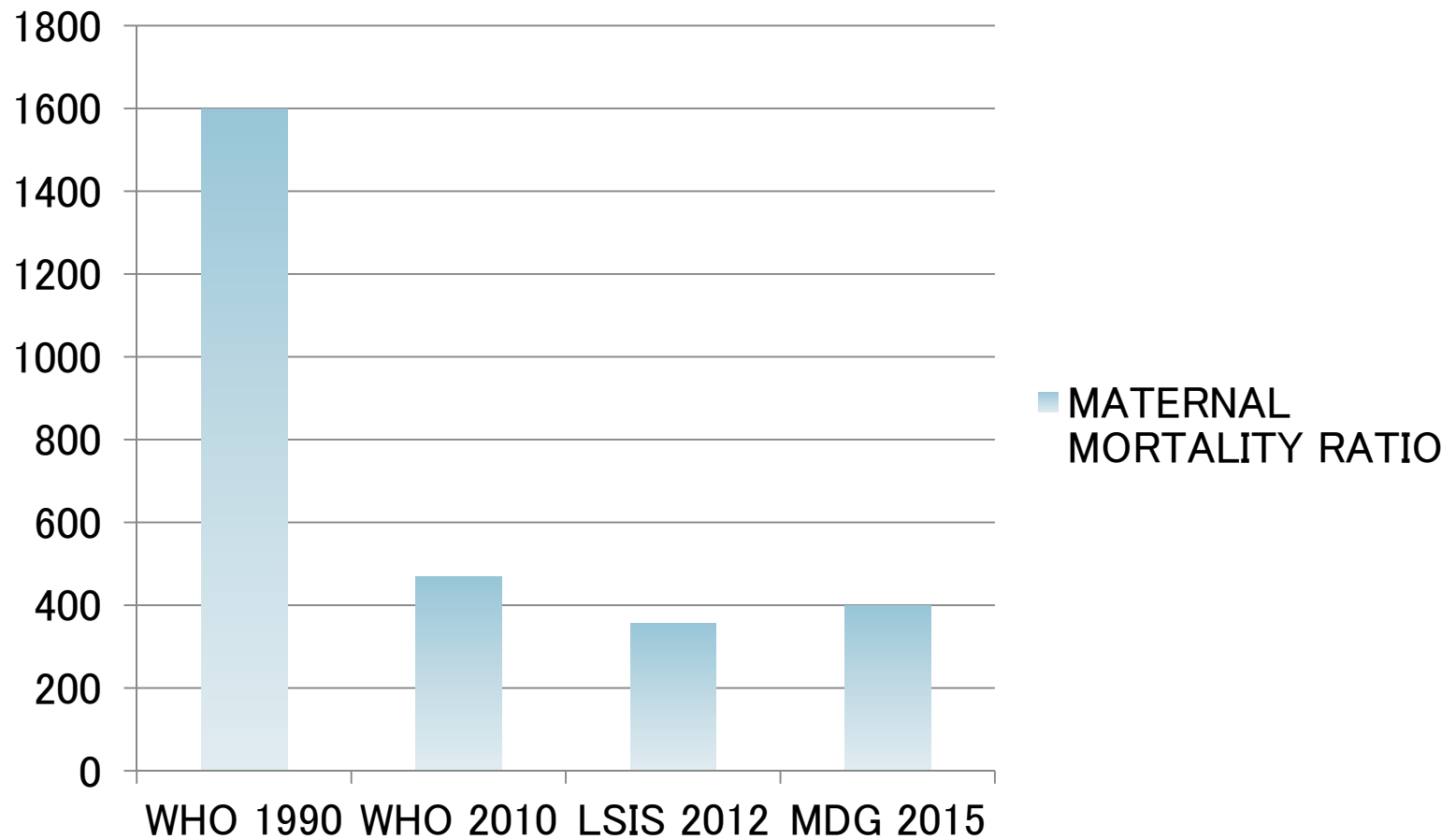
- **Consequences of low quality of health information system the outcome showed:**
 - In completed health data collection
 - Underestimate health data
 - Untimely
 - Unbelievable
 - Almost nation health indicators get from survey or census not resulted of routine system

Maternal and Newborn Health Country Profiles



Maternal and Newborn Health Country Profiles

MATERNAL MORTALITY RATIO



ICD 10 Coding in Laos

- TOT 6 trainers have been trained at Bangkok Thailand August 2012.
- Trained 3 batch ICD at 3 tertiary hospital in Vientiane Capital.
- Preparing extended to others hospital in Vientiane Capital
- Preparing to train ICD at provincial, district and health center level.



ICD 10 Coding in Laos

- **Advantage:**
 - Leadership supported
 - WHO Supported
 - Available TOT (MOH Thai supported)
 - Trainees eager to learn new knowledge
 - Practicing with real situation in their hospital.

ICD 10 Coding in Laos

- **Disadvantage :**
 - Lack of experiences of trainer
 - ICD coding is not implemented in hospitals before.
 - Unfamiliar ICD system of trainee and doctors in the hospitals.
 - Have some mistake when coding (Statistician)
 - Unavailable Lao version (Guide line)



CURRENT STATUSTS OF HEALTH INFORMATION SYSTEM IN LAOS

❖ Plan to solve the problem

- **Reform Health Information system**
- Reorganizing
- Re staffing
- Harmoniously tool (data base) and report system
- Establish data collection network from village up to MOH.
- Extended CID coding program cover all county (Laos)
- Establish Web base system
- Establish Vital registration system (MOH + MOHA)
- Needed supporting from international agency.



Thank you