

Project of improving injury surveillance information system (5-year project)

Summary result of 1st year

-We assessed to 6 data systems

Data system	National Responsible Unit	Provincial Responsible Unit
Injury Surveillance	Bureau of Epidemiology	Public Hospital
19 Injury External Causes	Bureau of Epidemiology	Provincial Health Office
ITEMS (Emergency Medical Service)	National Institute of Emergency Medicine	Provincial Health Office
Death Registry	Department of Interior	Hospitals, District administrative office
POLIS	Royal Thai Police	District level Police stations
E-claim (Insurance company)	Road Victims Protection Co.Ltd., Private sector	Provincial branch

- We recommend to choose data system for each topic of road traffic surveillance as below
 - No. of death : Death registry
 - No. of injury : 19 Injury External Causes
 - No. of head injury : Injury Surveillance
 - Risk behavior : Injury Surveillance
 - Risk place of accident : ITEMS
 - Proportion of disability : E-claim
- Other problems
 - Each system have specific objective (not for injury surveillance)
 - Need to analyze data to be information
 - Lack of specialist/technician to analyze data for provincial level
 - Unsure data quality
- Point needed to improve
 - Quality of selected data systems
 - Method of data analysis
 - Data technician/specialist of provincial level

- Plan of further project (step to 5th year)
 - 2nd year
 - Assess data of selected system
 - Evaluate quality of data
 - Try to analyze data to be information for injury surveillance system of provincial level
 - 3rd year
 - Build “How to “ manual of data analysis for provincial level
 - Pilot to selected provinces again
 - Train/work shop and build up team or technicians of provincial level
 - 4th year
 - Expand to others 3-5 provinces
 - (At this time each province will have their data technician and strong injury surveillance system)
 - 5th year
 - Evaluate surveillance system