

**Thesis Title**

Evaluation of An Epidemiological  
Investigation Training Programme  
for Provincial Epidemiological  
Officers in Northeastern Region

Name \_\_\_\_\_

Surachai Silawan

### Degree

## Master of science (Epidemiology)

### Thesis Supervisory Committee

Sutcharit Sripraphan

MD., M.P.H., D.T.P.H.

Vichai Rungpitarrangsi

MD., M.Sc. (Med Demog)

Suphachai Ruekngam

B.Sc., M.D.

Sirisak Warintrawath

MD., M.P.H.

Date of graduation

29 June B.E. 2535 (1992)

## ABSTRACT

The objectives of this study were to evaluate the epidemiological investigational programme among provincial epidemiological officers in northeastern region. Research design was Quasi-experimental study ; the one group pretest-posttest design. 49 provincial epidemiological officers from 16 provinces were studied by mean of comparing the results, knowledge, coverage, completeness and successfullness of the epidemiological investigation and factors related, of 9 months before and after training programme. The results were summarized as follow:

Knowledge of the epidemiological investigation after training was significantly increased than the knowledge before training.

The coverage, completeness and successfulness of epidemic investigation was significantly higher than before training.

The completeness and sucessfulness of individual investigation was significantly higher than before training while the coverage was not different.

Before training, studied factors were not related to the coverage, completeness and sucessfulness of epidemiological investigation.

After training, the effectiveness of epidemic investigation showed significance relation to the knowledge (posttest score) and educational level of the officers. The coverage of individual investigation showed significance relation to the posttest score level, number of 506 reports/person/day, number of the officers, the educational level and the experiance on epidemiological field.