

Appendia A

Methodology

1. Sample Design

A Stratified Two - Stage Sampling was adopted for the survey. Provinces were constituted strata. The primary and secondary sampling units were enumeration areas (EAs) for municipal areas and non - municipal areas and private households / persons in the collective households , only groups of employees household respectively.

Stratification

Bangkok Metropolis and provinces were constituted strata. There were altogether 77 strata. Each stratum (excluding Bangkok Metropolis) was divided into two parts according to the type of local administration, namely municipal areas and non - municipal areas.

Selection of Primary Sampling Unit

The sampled selection of EAs were performed separately and independently in each part by using probability proportional to size which was the total number of households. The total sampled EAs was 5,970 from 127,460 EAs.

The total number of sampled EAs was as follows :

Region	Total	Municipal Areas	Non - Municipal Areas
Bangkok Metropolis	300	300	-
Central (Excluding Bangkok Metropolis)	1,902	900	1,002
North	1,278	630	648
Northeast	1,476	732	744
South	1,014	498	516
Total	5,970	3,060	2,910

Selection of Secondary Sampling Unit

Private households were our ultimate sampling units. A new listing of private households were made for every sampled EAs to serve as the sampling frame. In each sampled EAs, a systematic sample of private households were selected with the following sample size :

Municipal areas : 16 sample households per EAs

Non - municipal areas : 12 sample households per EAs

Before selecting sample private households in each sampled EA, the list of private households was rearranged by household ' s size which was the member of the household.

All collective households located within the sampled EAs were included in the sample and the persons in the collective household were systematically selected for the interviewing.

The total number of sampled private households was as follows :

Region	Total	Municipal Areas	Non - Municipal Areas
Bangkok Metropolis	4,800	4,800	-
Central (Excluding Bangkok Metropolis)	26,424	14,400	12,024
North	17,856	10,080	7,776
Northeast	20,640	11,712	8,928
South	14,160	7,968	6,192
Total	83,880	48,960	34,920