

# Appendix -1 Sampling Plan

## METHOD OF SAMPLING

Our sampling method is Three-stage stratified sampling:

1. First stage, PSU = Township using PPS (Probability Proportionate to Size Sampling)  
(the number of PSUs is 30)
2. Second stage = Administrative district under township= village or precinct (Li)  
using PPS
3. Third stage = Registered, named individuals, using systematic sampling (the number  
of completed interviews is 1000 at least).

## COVERAGE

The sample designed to be representative of only adult citizens living in private accommodation of our country but excluded military units, hospital, sanatorium, vocational training center, dormitory, prison. The Sample age is between 18 to 85.

Our stratification variables are based on the cluster analysis of six variables including the percentage of the population:

- (a) In commercial sectors,
- (b) In industry sectors,
- (c) Aged 15-64,
- (d) Aged 65 or more,
- (e) Graduated from college or higher
- (f) Density in 368 townships on Taiwan during 2010.

Seven strata were originally derived and representing certain degree of urbanization and this survey combines the strata of the lowest two levels of urbanization sampling because the number of township in these strata is very small. So the finally strata is six.

Sampling frame consist of Addresses, Named individual, Areas, Gender, Birth date.