

Rules of procedure and Sampling Plan for WVS 2005-2006: Taiwan

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Procedures of the Survey:

1. January 2006: questionnaire translation
 - (1) Translation was done by PI's and Co-PI's
 - (2) Dropped questions are V50-V54, V165-V167, V178, V210-V214 .
 - (3) Questions with minor changes are as follows:
 1. V255 is based on the size of Primary Sampling Unit (PSU) represented by ZIP code. Data transformation will be used to produce this variable.
 2. V256 is changed based on ethnicity on Taiwan. V216a is added and put next to V216.
 3. V257 is changed based on V255 to categorize PSU.
 4. V259 will be created during data analysis. The weight is supposed to be one based on our sampling scheme.
2. January 24-February 6: back translation
 - (1) Back translation was mainly done by Translator -- Terry Thatcher Waltz (transl8r@gmail.com)
 - (2) Minor correction was done by PI's and approved by Co-PI's.
3. February: submitting deliverables to WVS EC.
4. Early March: pretest of the translated questionnaires for two weeks
 - (1) Sample size is 150 residents aged 18-85 in Taiwan
 - (2) Sampling scheme: see Sampling Plans attached for basic scheme.
 - (3) PSU's for pretest will be randomly selected from three regions: the Northern, the Central and the Southern Taiwan.
 - (4) Mode: Face-to-face interview
 - (5) Interviewer training (10 interviewers): one day
 - (6) Interviewer briefing: after field work is finished
5. Early May- early August: Nation-wide Survey
 - (1) Period of field work: one month

1. Interviewer assignment: three weeks
2. Supervisor assignment: one month after the fieldwork starts
- (2) Sample size: up to 1500 residents aged 18-85 on Taiwan
- (3) Sampling scheme: three-stage stratified PPS sampling (*please see Sampling Plan for the details*)
- (4) Mode:
 1. face-to-face interview
 2. advance contacts:
 - (1) Cover letter send to all sampled unit
 - (2) telephone contact were voluntarily used by interviewers
 3. incentives, usually souvenir less than NTD100, will be offered
- (5) Trainings: two days of interviewer/supervisor training (around 60 interviewers/12 supervisors)
- (6) Quality check of field work: about two months
 1. Tasks done by supervisors: begin from one week after the field work starts
 - (1) Interviewer meeting/supervisor accompanies
 - (2) Item-response quality: correction was recorded in different colors on questionnaires
 - (3) Unit response quality:
 - a. Interviewers are required to make at least three visits and up to six visits before they stopped approaching a household
 - b. The correction was recorded in different colors on sampled lists
 - (4) Interviewer performance evaluation of response quality
 - (5) Re-interviews (or back-checked) based on a short version of the questionnaires.
 - a. A random sample of 30% cases with telephone number provided per interviewer
 - b. A random sample of 30% cases without telephone number provided per interviewer.
2. Tasks done by field managers, PI's and PIs' research assistants
 - (1) Supervisor briefing: one week after the field work starts
 - (2) The second quality check on questionnaires and sampled lists

20% of the respondents re-interviewed by supervisors were back checked by field managers
 - (3) Coding reliability check: all respondents, if necessary, will be contacted for clarifying certain items in the questionnaires.
 - (4) Data will be checked/edited for logic or consistency and to ensure they fell within permitted ranges.

Sampling plan:

1. Population: all the residents aged 18-85 on Taiwan
2. Sampling frame: population registers consisting of addresses, named individuals of the target persons, areas, gender, and birth date.
3. Sampling Scheme
 - (1) Sample is designed to be representative of adults residents (living in private accommodation) on Taiwan
 - (2) Three-stage stratified PPS sampling:
 1. Stratification:
 - (1) variable is 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, and (f) density in 355 townships on Taiwan during 2000 or 2004¹.
 - (2) Seven strata were originally derived and representing certain degree of urbanization
 - (3) This survey combines the strata of the lowest two levels of urbanization sampling because the number of township in these strata is very small.
 3. Three stages of Probability Proportional to Size (PPS) sampling:
 - (1) The first stage: The selection of Primary Sampling Unit (PSU)
30 townships (PSU) will be selected.
 - (2) The second stage: The selection of Secondary Sampling Unit (SSU)
2 village or precinct (Li, the administrative district under township) will be selected in each PSU
 - (3) The third stage: The selection of individuals
20-30 named individuals will be randomly selected in each SSU.
4. Quota and substitution/replacement will not be permitted at any stage of sampling or during field work.
5. Concerning contact rate and refusal rate are increasing, the inflation of initial sample size is applied in this survey. The number of starting addresses (named individuals) is designed to be around 3,000 in order to obtain 1,500 completed interviews.

¹ The sources for the six variables are different. The accessibility of the updated data is also different. The population in commercial and industrial sectors is based on the 2000 population and household census. The rest of the variables are based on the 2004 population statistics published by the Ministry of the Interior, Taiwan.