

Prepared by:

Date:

COMPARATIVE STUDY OF ELECTORAL SYSTEMS
Module 2: Sample Design and Data Collection Report

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Country: Japan

Date of Election: 11 July, 2004

Type of Election (e.g., presidential, parliamentary, legislative): House of Councilors Election

Organization that conducted the survey field work: CRS(Central Research Service: Chuou Chosa Co. (Tokyo))

Investigators Responsible for Data Collection:

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A. Study Design

Post-Election Study

Pre-/Post-Election Panel Study

As a part of a large panel survey (Japan Election 3: 2001-2005 (9 waves))

Date Post-Election Interviewing Began: 15 July, 2004

Date Post-Election Interviewing Ended: 26 July, 2004

If Panel Study:

Date Pre-Election Interviewing Began: 1 July, 2004

Date Pre-Election Interviewing Ended: 10 July, 2004

Mode of (post-election) interview:

In person, face-to-face

Telephone

Mail or self-completion supplement

Language(s) used in questionnaire(s) (Please provide copies of questionnaires in all languages used, as well as a version translated in English, if applicable, as part of the Election Study Deposit):

Japanese was the sole language used.

B. Sample Design and Sampling Procedures

1. Eligibility Requirements

- a) Age: Minimum__20_____ Maximum__(no limit)
- b) Citizenship: Yes__X_____ No_____
- c) Other requirements:
Listed in voters' list (Those who are imprisoned are excluded)

2. Sample Frame:

- a) Were any regions of the country excluded from the sample frame?

No__X___ Yes_____

If yes, please explain:

- b) Were institutionalized persons excluded from the sample?

No__X___ Yes_____

Please explain:

- c) Were military personnel excluded from the sample?

No__X___ Yes_____

Please explain:

d) If interviews were conducted by telephone:

i. What is the estimated percentage of households without a phone: _____%

ii. Were unlisted telephone numbers included in the population sampled?

No_____ Yes_____

Please explain:

iii. Were substitution methods used for unproductive sample points?

No_____ Yes_____

Please explain:

e) Were other persons excluded from the sample frame?

No_____ Yes_____

Please explain:

f) Estimated total (a + b + c + d + e) percentage of the eligible population excluded from the sample frame: ____0____ %

3. Sample Selection Procedures:

a) What were the primary sampling units?

Electoral district's "*chiten*" (comparable to precinct in USA) is the PSU.

b) Were the primary sampling units randomly selected?

Yes

Please explain:

The *chiten* (precincts) were selected by PPS selection mechanism, where the probabilities of the particular *chiten*'s selection are proportional to the relative size of the *chiten*.

c) Were there further stages of selection?

Yes

Please explain:

From each *chiten*, about 16 samples were selected with systematic selection, as all the eligible sample are contained in the list, systematic selection of sample resulted in epsem sample from each PSU.

d) How were individual respondents identified?

The voting registry contains all the eligible voters over 20 years old, their name, gender, date of birth are listed in the frame. Once the samples are selected, their contact address along with names, gender and age were copied in the sample master file.

e) Under what circumstances was a sample line designated non- sample?

Please check all that apply:

- Non-residential sample point
- All members of household are ineligible
- Housing unit is vacant Yes
- No answer at housing unit after _____
- Other (Please explain):
 - Respondents transferred to distant addresses.
 - Respondents deceased

f) Were non-sample replacement methods used?

No Yes _____

Please describe:

g). For surveys conducted by telephone:

i. Was the sample a random digit dial (RDD) sample? Yes _____ No _____

ii. Was the sample a listed sample? Yes _____ No _____

iii. Was the sample a dual frame sample? No _____ Yes _____

If yes, what % list frame _____ and what % RDD _____

h) For surveys conducted by mail:

Was the sample a listed sample?

Yes _____ No _____

Please describe:

4. Compliance:

Prior to the study:

a) Was a letter sent to respondent?

No _____ Yes

(If yes, please include a copy of the letter in the Deposit)

b) Was payment sent to respondent?

No Yes _____

If yes, please describe:

c) Was a token gift sent to respondent?

No Yes _____

If yes, please describe:

d) Were any other incentives used?

No Yes _____

If yes, please describe:

Note: After interview Rs received a gift about 5 US\$.

5. During the Field Period:

- a) How many contacts were made with the household before declaring it **non-sample?**

If the target was not reached, we define it non-interviewed by the reason that the target was an absentee (then it is not “non-sample”).

- b) How many contacts were made with the household before declaring it **non-interview?**

At least 5

- c) Maximum number of days over which a household was contacted?

10 days

- d) Did interviewers vary the time of day at which they re-contacted the household? No _____ Yes X _____

Please describe: In the instruction, we asked the interviewers to contact the target(s) in various time of the day (we also recorded the time when the interviewers went to the targets' home.)

- e) Refusal Conversion:

- i. Were efforts made to persuade respondents who were reluctant to be interviewed?

No _____ Yes X _____

Please describe: we tried to persuade the respondents by emphasizing the significance of our project.

- ii. Were respondents who were reluctant to be interviewed sent a letter persuading them to take part?

No X _____ Yes _____

If so, please describe (in addition, please include a copy of the letter in the deposit):

- iii. Was payment offered to respondents who were reluctant to take part?

No X _____ Yes _____

If yes, how much?

- iv. Were respondents who were reluctant to take part turned over to a more experienced interviewer? Yes_____ No__X__
- v. What was the maximum number of re-contacts used to persuade respondent to be interviewed?
6 times
- vi. Were any other methods used to persuade respondents reluctant to be interviewed to take part?
No__X__ Yes_____

Please describe:

6. Response Rate:

(Note: if a panel study, please report response rate of the first wave)

Total number of sample lines issued:	3735
Number of refusals:	849
Number never contacted (no-contact):	687
Other non-response:	45
Number of lines of non-sample:	39
Total number of completed interviews:	2115
	56.6%
Response Rate:	_____

7. Panel Attrition:

(Note: This only applies if CSES questionnaire is administered as part of a 2-wave panel study):

Total number of respondents in Wave I of the study:	2115 (2575 #)
Number of Wave I respondents re-interviewed in wave containing CSES Module:	1810(1977)
Percent total panel attrition:	14.4%(23.2%)

note : The numbers are with including previous panel respondents (2001-2003).

8. Panel attrition by age and education (given as percentages; please indicate whether numbers provided are % re-interviewed or % attrition):

<u>Age</u>		<u>Education</u>	
18-25	___74.0___%	None	_____%
26-40	___80.1___%	Incomplete primary	_____%
41-65	___86.7___%	Primary completed	___89.4___%
65 & over	___92.6___%	Incomplete secondary	_____%
		Secondary completed	___85.6___%
		University incomplete	_____%
		University degree	___81.6___%

9. Sample Weights

- a) Are weights included in the data file?
 No___ Yes__X___

Please describe how the weights were constructed: Pleaser refer to the descriptions below.

- b) Are the weights designed to compensate for disproportionate probability of selection at the respondent/household level?
 No___ Yes_ X___

Please describe:

The original sample were selected with epsem design, therefore no sample weights were created, however due to the disproportionate attrition by PSU, the entry of new sample in latter wave caused non-epsem sample, therefore, this difference in selection probability were reflected as sampling weight.

- c) Are the weights designed to match known demographic characteristics of the population?
 No__X__ Yes_____

Please describe:

We did not try to match sample demographic with known population estimates of the universe for the following reasons.

- Often, during the gap years of census (every 5 years) the estimates from population registry are used as the estimates of the universe (this survey use

both population registry and the voting registry as sample frame.) Therefore the sample frame used in this study is comparable to population frame.

2. Only a few studies examining coverage error of the voting registry and population registry was conducted and they were done in 1970s, the coverage error was minor at that point. No other study was conducted ever since.

d) Are the data weighted to correct for non-response?

No_____ Yes_____

Please describe:

Response weights were made by means of propensity weighing adjustment, using the information gathered in previous waves of the survey. As there are multiple waves of surveys in JESIII, the dataset were first reconstructed into one record per wave format (like that of survival data) and logistic model was fit, using response to each wave as dependent variable and using various measurements from previous waves as predictors.

As a result, the weighting did not try to correct/match distribution of the sample to known universe (census) but they referred to the distribution of variables in previous waves. The variables included in the propensity mode were, gender, age group (in category), college education dummy variable, income as category, home ownership dummy variable, employment status dummy variable, and summary statistics of don't know responses.

10. a) Please describe the interviewers (e.g., age, level of education, years of experience):

Though there is no general information on the educational level, we see no problem on this. Interviewers are generally in the age of 50s (40%) and 60s (30%). They are dominated by females (84%) with long experience on the average (28% have experience of more than 15 years, 17% more than 10 years. 5-10 years were 23%, 1-5 years 28% and less than 1 year was 4%).

- b) Please provide a description of interviewer training:

In every year, interviewers are asked to be re-trained in every branch of the survey company. The purpose of retraining is on improving skills in interviews, lecturing about general social environmental changes relevant to social surveys, etc. In addition to this occasion, every interviewer receives newsletters 4 times a year which discusses new issues in interviewing and which gives a forum to exchange of opinions on surveys.

11. Comparison of Sample to Population

Characteristic	<u>Population Estimates 2000 census</u>	<u>Sample Estimates</u>	
		Unweighted	Weighted
<u>Age</u>			
20-29	18.4	12.4	12.7
30-39	16.6	18.1	19.4
40-49	16.9	15.2	15.1
50-59	19.0	20.1	20.5
60-69	14.7	19.74	18.5
70 and over	14.4	14.46	14
<u>Education</u>			
None	0.16	0.07	0.08
Incomplete Primary			
Primary Completed	24.46	19.0	19.59
Incomplete Secondary			
Secondary Completed	45.84	47.1	48.07
Post-Secondary Trade/ Vocational	12.17	15.77	15.74
Incomplete University			
University Degree	14.89	17.47	15.84
<u>Gender</u>			
Male	48.5	49.5	51.5
Female	51.5	50.47	48.7