

**Comparative Study of Electoral Systems (CSES)**  
**Module 4: Design Report (Sample Design and Data Collection Report)**

September 10, 2012

Country: New Zealand  
Date of Election: November 26 2011  
  
Prepared by: Jack Vowles  
Date of Preparation: September 30, 2013

**NOTES TO COLLABORATORS:**

- Where brackets [ ] appear, answer by placing an “X” within the appropriate bracket or brackets.
- If more space is needed to answer any question, please lengthen the document as necessary.

**Collaborator(s):**

Collaborators are the contact persons for election studies that appear in the CSES dataset - they are not necessarily the parties who collected the data. These collaborators and their contact information will be listed on the CSES website.

Name: Jack Vowles Title: Professor Organization: Victoria University of Wellington  Address:P.O. Box 600 Wellington 6140 Wellington  Telephone: 00 64 4 463 5126 E-Mail: jack.vowles@vuw.ac.nz Website: <a href="http://www.jackvowles.com">www.jackvowles.com</a> <a href="http://www.nzes.org">www.nzes.org</a>	Name: Title: Organization:  Address:   Telephone: Fax: E-Mail: Website:
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**Data Collection Organization:**

Organization that conducted the survey field work/data collection:

Organization: Centre for Methods and Policy Applications in the Social Sciences (COMPASS)

Address:

The University of Auckland

Private Bag 92019

Auckland 1142

Telephone: 00 64 373 7599 ext. 89563

E-Mail: [g.cotterell@auckland.ac.nz](mailto:g.cotterell@auckland.ac.nz)

Website: <http://www.arts.auckland.ac.nz/uoacentre-of-methods-and-policy-application-in-the-social-sciences-compass/>

**Funding Organization(s):**

Organization(s) that funded the data collection:

Organization: University of Auckland

Address: Private Bag 92019

Auckland 1142

Telephone: 00 64 373 7599

Website: [www.auckland.ac.nz](http://www.auckland.ac.nz)

Organization: New Zealand Electoral Commission

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34-42 Manners Street'

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Website: <http://www.mcdougall.org.uk/>

**Archiving Organization**

If appropriate, please indicate the primary location where the full, original election study dataset (not just the CSES portion) will be archived:

Organization: The New Zealand Social Science Data Service  
Address: The University of Auckland  
Private Bag 92019  
Auckland Mail Centre  
Auckland 1142  
New Zealand  
Telephone: 64 9 373 7599 ext 89563  
Fax: + 64 9 373 7986  
E-Mail: [nzssds@nzssds.org.nz](mailto:nzssds@nzssds.org.nz)  
Website: <http://www.nzssds.org.nz/>

Please indicate the date when the study is expected to be available at this archive: September 2013

**Study Design**

1. Timing of the study that the CSES Module was included in:  
 Post-Election Study

2a. Date Post-Election Interviewing Began:

30 November 2011

2b. Date Post-Election Interviewing Ended:

4 April 2012

3. Mode of interviewing for the post-election survey in which the CSES Module appeared:  
(If multiple modes were used, please mark all that apply.)

- In person, face-to-face
- Telephone
- Mail or self-completion supplement
- Internet

4a. Was the survey part of a panel study?

- Yes
- No

A panel study was conducted in parallel, but responses from it were excluded from the CSES release.

4b. If the survey was part of a panel study, please describe the design of the panel study, including the date at which interviewing for each prior wave began and ended:

### **Translation**

Please provide copies of questionnaires in all languages used as part of the election study deposit. For questionnaires in a language other than English, please also provide a version of each translated back into English. Note: Questions are based on those developed for the ISSP.

5. Was the questionnaire translated?

- Yes, translated by member(s) of research team
- Yes, by translation bureau
- Yes, by specially trained translator(s)
- No, not translated

6. Please list all languages used for the fielded module:

English

7a. If the questionnaire was translated, was the translated questionnaire assessed/checked or evaluated?

- Yes, by group discussion
- Yes, an expert checked it
- Yes, by back translation
- Other; please specify: \_\_\_\_\_
- No
- Not applicable

7b. If the questionnaire was translated, was the questionnaire pre-tested?

- Yes
- No
- Not applicable

7c. If the questionnaire was translated, were there any questions which caused problems when translating?

- Yes
- No
- Not applicable

7d. If the questionnaire was translated, please provide a list of all questions which caused problems when translating. For each question listed, describe what problems were encountered and how they were solved:

### **Sample Design and Sampling Procedures**

8. Please describe the population that your sample is meant to be representative of:

Persons on the electoral rolls (about 94% of those eligible to vote).

### **Eligibility Requirements**

9a. Must a person be a certain age to be interviewed?

- Yes
- No

If yes, what ages could be interviewed?

18 and over

9b. Must a person be a citizen to be interviewed?

- Yes
- No

9c. Must a person be registered to vote to be interviewed?

- Yes
- No

9d. Please list any other interviewing requirements or filters used:

### Sample Frame

10a. Were any regions of the country excluded from the sample frame?

Yes

No

If yes, what percent of the total eligible population did this exclude from the sample frame? \_\_\_\_\_ %

If yes, please explain:

10b. Were institutionalized persons excluded from the sample?

Yes

No

If yes, what percent of the total eligible population did this exclude from the sample frame? \_\_\_\_\_ %

If yes, please explain:

10c. Were military personnel excluded from the sample?

Yes

No

If yes, what percent of the total eligible population did this exclude from the sample frame? \_\_\_\_\_ %

If yes, please explain:

10d. If interviews were conducted by telephone, what is the estimated percentage of households without a phone? \_\_\_\_\_ %

Please explain:

10e. If interviews were conducted by telephone, were unlisted telephone numbers included in the population sampled?

Yes

No

If no, what percent of the total eligible population did this exclude from the sample frame? \_\_\_\_\_ %

10f. Were other persons excluded from the sample frame?

Yes

No

If yes, what percent of the total eligible population did this exclude from the sample frame? \_\_\_\_\_ %

If yes, please explain:

10g. Please estimate the total percentage of the eligible population excluded from the sample frame: 6%

### Sample Selection Procedures

11. Please describe, in your own words, how the sample for the study was selected. If the survey is part of a panel study, please also describe the original sample, from the beginning of the study.

Random selection from the electoral rolls, with oversamples of the young (18-26) and those in Maori electorates. For the CSES release, the oversampled groups have been resampled to bring them into line with the proportions of those groups on the electoral rolls.

12a. What were the primary sampling units?

Individuals within the four clusters below.

	Age 27 and over	Age 18-26
General electorates (93)		
Maori electorates (7)		

12b. How were the primary sampling units selected?

Randomly from the electoral rolls, from an electronic version of the entire rolls, using SPSS.

12c. Were the primary sampling units randomly selected?

Yes

No

Please explain how the units were randomly selected. If the units were not randomly selected, please provide a justification for why the units were not randomly selected.

13. Were there further stages of selection?

Yes

No

13a. If there were further stages of selection, what were the sampling units at each of the additional stages?

13b. If there were further stages of selection, how were the sampling units selected at each of the additional stages?

13c. If there were further stages of selection, were units at each of these stages randomly selected?

Yes

No

Please explain how the units were randomly selected. If the units were not randomly selected, please provide a justification for why the units were not randomly selected.

14a. How were individual respondents identified and selected in the final stage?

14b. Could more than one respondent be interviewed from a single household?

Yes

No

If yes, please explain:

Very unlikely, but the random sampling could in theory have selected more than one person in a household.

15. Did the sample design include clustering at any stage?

Yes

No

If yes, please describe:

As explained above.

16. Did the sample design include stratification?

Definition: Stratification involves the division of the population of interest according to certain characteristics (for instance: geographic, political, or demographic). Random selection then occurs within each of the groups that result.

Yes

No

If yes, please describe (please include the list of characteristics used for stratification):  
As described above.

17. Was quota sampling used at any stage of selection?

Yes

No

If yes, please describe:

In the final stage to sample from the oversampled groups to bring them into line with the population.

18. Was substitution of individuals permitted at any stage of the selection process or during fieldwork?

Yes

No

If yes, please describe:

19. Under what circumstances was a household designated non-sample? Please check all that apply:

Non-residential sample point

All members of household are ineligible

Housing unit is vacant

No answer at housing unit after \_\_\_\_\_ callbacks

Other (Please explain):

20. Were non-sample replacement methods used?

Yes

No

Please describe:

21a. For surveys conducted by telephone, was the sample a random digit dial (RDD) sample?

Yes

No

21b. For surveys conducted by telephone, was the sample a listed sample?

Yes

No

21c. For surveys conducted by telephone, was the sample a dual frame sample?

Yes

No

If yes, what % list frame\_\_\_\_\_ and what % RDD\_\_\_\_\_

22. For surveys conducted by mail, was the sample a listed sample?

Yes

No

Please describe: From the electronic electoral rolls as of writ day.

23. For surveys conducted on the Internet, did any respondents self-select into the survey?

Yes

No

Please explain:

Persons contacted by mail could respond to an online version of the questionnaire.

### Incentives

24a. Prior to the study, was a letter sent to the respondent?

- Yes  
 No

(If yes, please provide a copy of the letter.)

24b. Prior to the study, was a payment sent to the respondent?

- Yes  
 No

If yes, please describe (including amount of payment):

24c. Prior to the study, was a token gift sent to the respondent?

- Yes  
 No

If yes, please describe:

24d. Did respondent receive an additional payment after their participation? (Do not include any payment made prior to the study.)

- Yes  
 No

If yes, please describe (including amount of payment):

24e. Were any other incentives used?

- Yes  
 No

If yes, please describe: A \$300 dollar draw.

### Interviewers

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

N/A

26. Please provide a description of interviewer training:

N/A

### Contacts

27a. What was the average number of contact attempts made per household, for the entire sample?

4

27b. For households where contact was made, what was the average number of contact attempts prior to first contact?

0

27c. During the field period, how many contacts were made with the household before declaring it a **non-sample**?

N/A

28d. During the field period, how many contacts were made with the household before declaring it a **non-interview**?

N/A

28e. During the field period, what were the maximum number of days over which a household was contacted?

60

28f. During the field period, did interviewers vary the time of day at which they re-contacted the household?

Yes

No

If yes, please describe:

### Refusal Conversion

29a. Were efforts made to persuade respondents who were reluctant to be interviewed?

Yes

No

Please describe: Reminder postcard, second questionnaire, final reminder and thank you postcard

29b. Were respondents who were reluctant to be interviewed sent a letter persuading them to take part?

Yes

No

(If yes, please provide a copy of the letter or letters.)

If yes, please describe:

29c. Was payment offered to respondents who were reluctant to take part?

Yes

No

If yes, how much?

29d. Were respondents who were reluctant to take part turned over to a more experienced interviewer?

Yes

No

29e. What was the maximum number of re-contacts used to persuade respondents to be interviewed?

29f. Were any other methods used to persuade respondents reluctant to be interviewed to take part?

Yes

No

If yes, please describe:

**Interview/Survey Verification**

Definition: Interview/survey verification is the process of verifying that an interview was conducted and that the survey was administered to the correct respondent, for quality control purposes.

30. Was interview/survey verification used?

Yes

No

If yes, please describe the method(s) used:

If yes, please indicate the percent of completed surveys that were verified: \_\_\_\_\_ %

**Response Rate**

Note: If multiple modes of interviewing were used for the post-election survey in which the CSES Module appeared, please repeat the following questions as appropriate for each of the modes used.

31. What was the response rate of the survey that the CSES Module appeared in? Please show your calculations. (If the CSES Module appeared in a panel study, please report the response rate of the first wave of the study, even if the CSES Module did not appear in that wave.)

**Calculation of Response Rate, Weighted by Stratification**

	Sample	Valid Returns	RR	Weighted RR	N in CSES dataset
General Old	2779	1120	40.30	30.78	1120
General Young (os)	722	170	23.55	3.53	150
Maori Old (os)	1485	387	26.06	1.69	84
Maori Young (os)	735	85	11.56	0.25	20
				36.25	

32. Please provide the following statistics for the survey that the CSES Module appeared in. (If the CSES Module appeared in a panel study, please report the statistics for the first wave of the study, even if the CSES Module did not appear in that wave.)

A. Total number of households in sample: 5721

B. Number of valid households: 5721

C. Number of invalid (non-sample) households: 0

D. Number of households of unknown validity:	0
E. Number of completed interviews:	1762
F. Number of partial interviews:	23
G. Number of refusals and break-offs:	58
H. Number non-contact (never contacted):	3875
I. Other non-response: Deceased	3

The sum of B+C+D should equal the value of A. If not, please describe why:

If statistic D (number of households of unknown validity) has a value greater than zero (0), please estimate the proportion of households of unknown validity that are valid:

The sum of E+F+G+H+I should equal the value of B. If not, please describe why:

If statistic I has a value greater than zero (0), please describe what cases fall into this category:

33. If the CSES Module appeared in a panel study, how many waves were conducted prior to the wave that included the CSES Module?

34. If the CSES Module appeared in a panel study, what was the total panel attrition between the first wave of the study and the wave that included the CSES Module? Please show your calculations.

35. If the CSES Module appeared in a panel study, please provide the number of completed interviews for the wave that included the CSES Module:

36. If the CSES Module appeared in a panel study, please provide the following statistics for panel attrition by age and education. In each cell, indicate the percent of all completed interviews in each category for the indicated wave.

Age	First wave of study	Wave that included CSES
18-25	%	%
26-40	%	%
41-64	%	%



### Post-Survey Adjustment Weights

37. Are weights necessary to make the sample representative of the population being studied?

Yes

No

If yes, please explain:

I have provided a weight to adjust household income to quintiles, and a weight for party vote and turnout (on top of the income adjustment).

38. Are weights included in the data file?

Yes

No

39. If weights are included in the data file, please describe in detail how the weights were constructed:

compute a4a=1.

if d20=1 a4a =18.74/17.2.

if d20=2 a4a =18.74/17.5.

if d20=3 a4a =18.74/15.3

if d20=4 a4a =18.74/15.2.

if d20=5 a4a =18.74/28.6.

execute.

if njptyvote=0 a4b=a4a\*25.79/11.9.

if njptyvote=1 a4b=a4a\*20.39/21.5.

if njptyvote=2 a4b=a4a\*35.1/42.1.

if njptyvote=3 a4b=a4a\*8.21/11.7.

if njptyvote=4 a4b=a4a\*4.89/6.3.

if njptyvote=5 a4b=a4a\*0.79/0.7.

if njptyvote=6 a4b=a4a\*0.44/0.7.

if njptyvote=7 a4b=a4a\*1.06/1.2.

if njptyvote ge 8 and njptyvote le 12 a4b=a4a\*3.3/4.1.

execute.

40a. If weights are included in the data file, are the weights designed to compensate for disproportionate probability of selection?

Yes

No

If yes, please describe:

40b. If weights are included in the data file, are the weights designed to match known demographic characteristics of the population?

Yes

No

If yes, please describe: Household income

40c. If weights are included in the data file, are the weights designed to correct for non-response?

Yes

No

If yes, please describe: The weight for party vote and turnout predominantly weights up nonvoters, who are also less likely to respond.

40d. If weights are included in the data file, are the weights designed to correct to the official election results?

Yes

No

If yes, please describe: The party vote.

41. Comparison of Completed Interviews to Population (please provide as percentages of the total):

Characteristic	<u>Population Estimates</u>	<u>Completed Interviews</u>	
		<u>Unweighted Distribution</u>	<u>Weighted Distribution</u>
<u>Age</u>			
18-26	13.4	12.4	13.6
26-36	15.8	9.7	9.9
36-46	19.2	14.4	13.5
46-56	19.5	18.3	18.4
56-66	7.5	20.8	20.4
66 and over	17.5	24.4	24.2
<u>Gender</u>			
Male	48	45.7%	45.3
Female	52	54.3%	54.7

42. Please indicate the source of the population estimates in the prior question. English language sources are especially helpful. Include website links or contact information if applicable.

The sample is selected from the computerised electoral rolls that are available to social science researchers on a confidential basis. The information in the table above is from that source. Education data is not available on the roll.