

## Comparative Study of Electoral Systems (CSES) Module 3: Sample Design and Data Collection Report

June 05, 2006

Country: TURKEY  
Date of Election: June 12, 2011  
  
Prepared by: Ali Çarkoğlu (Koç University) and Ersin Kalaycıoğlu (Sabancı University)  
Date of Preparation: June 2012

### 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.

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Name: Title: Organization:  Address:   Telephone: Fax: E-Mail: Website:	Name: Title: Organization:  Address:   Telephone: Fax: E-Mail: Website:

**Data Collection Organization:**

Organization that conducted the survey field work/data collection:

Organization: Infakto Research Workshop Address: Topağacı İhlamur Yolu No: 44/2 34365 Şişli İstanbul  Telephone: 90.212.2310708 Fax: 90.212.2310776 E-Mail: <a href="mailto:guclu.atilgan@infakto.com.tr">guclu.atilgan@infakto.com.tr</a> <a href="mailto:emre.erdogan@infakto.com.tr">emre.erdogan@infakto.com.tr</a> Website: <a href="http://www.infakto.com.tr/">http://www.infakto.com.tr/</a>
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**Funding Organization(s):**

Organization(s) that funded the data collection:

Organization: The Scientific and Technological Research Council of Turkey (TUBITAK) Address: TÜBİTAK Tunus Caddesi No:80 06100 Kavaklıdere / Ankara / TURKEY  Telephone: 90 312 468 53 00 Fax: E-Mail: Website: <a href="http://www.tubitak.gov.tr/">http://www.tubitak.gov.tr/</a>
Organization: Address:   Telephone: Fax: E-Mail: Website:
Organization: Address:   Telephone: Fax: E-Mail: Website:

### **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: Address:  Telephone: Fax: E-Mail: Website:
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Please indicate the date when the study is expected to be available at this archive:

### **Study Design**

1. Timing of the study that the CSES Module was included in:

- Post-Election Study
- Pre-Election/Post-Election Panel Study

2a. Date Post-Election Interviewing Began:

July 21<sup>st</sup>, 2011

2b. Date Post-Election Interviewing Ended:

August 26<sup>th</sup>, 2011

3. Mode of (post-election) interview:

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

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

- Yes
- No

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:

Turkish

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:  
Voting age population of Turkey living in urban as well as rural areas.

### **Eligibility Requirements**

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

Yes

No

If yes, what ages could be interviewed?

18 years old

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? Less than 1%

If yes, please explain:

People in prison and hospitals were excluded from the sample.

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? About 1,4 %

If yes, please explain:

Soldiers (720,000 according to the following link:

<http://www.ntvmsnbc.com/id/25298904>) in active duty living in military bases and housing were excluded from the sample.

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: About 2.5 %

### 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.

The sampling procedure adopted starts with the use of Turkish Statistical Institute's (TUIK) NUT-1 regions. The target sample was distributed according to each region's share of urban and rural population in accordance with the Address Based Population Registration System (ADNKS) records as of the end of 2010. Next, TUIK's block data were used with block size set at 400 residents. Twenty voters were targeted to be reached from each block and no substitution was used. The probability proportionate to population size (PPPS) principle was used in distributing the blocks to NUT1 regions. For each of the 20 addresses up to three visits were carried out with the expectation that approximately 50% of the addresses will have a completed interview. In some rural areas where TUIK was unable to provide addresses we contacted the headman (muhtar) of the village and obtained 20 addresses in a systematic random sample selection from the list of households in the village. Selection of individuals in households is done on the basis of reported target population of 18 years or older in each household according to a lottery method. Names of all reported individuals of 18 years or older are written on cards and a person in the household then is asked to randomly select one card with the name of the individual to be interviewed. Once the individual is selected from the household, then that individual is asked to respond to our questions. If for any reason that individual could not respond to our questions in our first visit, then the same household is visited up to three times until a successful interview is conducted. If after three trials the interview cannot be conducted, then this particular household is dropped from the sample as incomplete interview and no substitution was applied.

12a. What were the primary sampling units?

Address blocks

12b. How were the primary sampling units selected?

Randomly selected

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.

Please see above description

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?

Please see above description



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

Please see above description

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?

Selection of individuals in households is done on the basis of reported target population of 18 years or older in each household according to a lottery method. Names of all reported individuals of 18 years or older are written on cards and a person in the household then is asked to randomly select one card with the name of the individual to be interviewed. Once the individual is selected from the household, then that individual is asked to respond to our questions. If for any reason that individual could not respond to our questions in our first visit, then the same household is visited up to three times until a successful interview is conducted. If after three trials the interview cannot be conducted, then this particular household is dropped from the sample as incomplete interview and no substitution was applied.

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

Yes

No

If yes, please explain:

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

Yes

No

If yes, please describe:

Geographic regions were used to distribute the sample into different locations.

Please see above description

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):  
Only urban rural stratification was applied

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

Yes

No

If yes, please describe:

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 3 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:

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

Yes

No

Please explain:

## 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:

## Interviewers

25. Please describe the interviewers (e.g., age, level of education, years of experience):  
Interviewers were between 20 to 45 years of age and with 1 to 10 years of experience high school or higher level of education.

26. Please provide a description of interviewer training:  
Interviewers were trained in house by the researchers. Those who cannot attend the training seminar that lasted approximately 3 to 4 hours were asked to attend the traing seminar via Skype and asked questions if they were unclear about anything.

## Contacts

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

| 1,35

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

| 1,24

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

3 contacts

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

3 contacts

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

3 days

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:

If the selected person in the household was not present for the interview an appointment was arranged and the visit was made accordingly.

If the household could not be reached then the same address was conducted up to two additional separate days at non-work hours.

### Refusal Conversion

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

Yes

No

Please describe:

The interviewers were expected to emphasize the scientific nature of our survey and our commitment as university professors not to share the respondents' personal information with anyone.

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:

Our interviewers had a letter from us explaining who we are, the nature of the project and our privacy commitment.

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?

3 contacts

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:

About one third of the respondents were reached via the phone numbers they provide to us after the interview and another 20% was reached by fieldwork supervisors during the fieldwork after their interviews were completed.

If yes, please indicate the percent of completed surveys that were verified: 20 % fieldwork supervisor verification and 37% verified via telephone

**Response Rate**

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.)

32. Please provide the following statistics for the survey that the CSES Module appeared in. Note: 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:	<u>2440</u>
B. Number of valid households:	<u>2102</u>
C. Number of invalid (non-sample) households:	<u>338</u>
D. Number of households of unknown validity:	<u>0</u>
E. Number of completed interviews:	<u>1109</u>
F. Number of partial interviews:	<u>10</u>
G. Number of refusals and break-offs:	<u>614</u>
H. Number non-contact (never contacted):	<u>369</u>
I. Other non-response:	<u>          </u>

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.

<b>Age</b>	First wave of study	Wave that included CSES
18-25	%	%
26-40	%	%
41-64	%	%
65 and over	%	%

<b>Education</b>	First wave of study	Wave that included CSES
None	%	%
Incomplete primary	%	%
Primary completed	%	%
Incomplete secondary	%	%
Secondary completed	%	%
Post-Secondary Trade/Vocational	%	&
University incomplete	%	%
University degree	%	%

### Post-Survey Adjustment Weights

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

Yes

No

If yes, please explain:

There are deviations from the known population characteristics in terms of gender, age group and education level. So, an appropriate weight is calculated.

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:

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: The total population distribution according to three age groups (18-34, 35-54 and 55+), gender and 6 education levels (illiterate, literate but no school completed, primary 5 years, primary 8 years, High school and university graduates) is available. Weights to correct deviations from this 36 cell distributions are calculated and multiplied with separately calculated regional weights to correct regional deviations in our sample.

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

Yes

No

If yes, please describe:

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:

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

Population distribution									
Age groups by three		Education							Total
		Illiterate	Literate but no schooling	Primary (5 years)	Primary (8 years)	Highschool	University +	DK/NR	
18-34	Male	0,21	0,74	2,51	5,70	8,11	2,44	1,61	21,32
	Female	0,73	1,13	4,62	4,31	6,54	2,22	0,98	20,53
35-54	Male	0,22	0,32	6,22	4,57	3,89	2,52	0,64	18,38
	Female	1,30	0,97	8,53	2,63	2,42	1,49	0,69	18,02
55+	Male	0,93	0,98	4,99	0,86	0,85	0,90	0,57	10,08
	Female	4,05	1,54	4,02	0,42	0,48	0,34	0,81	11,67
	<b>Total</b>	<b>7,43</b>	<b>5,67</b>	<b>30,89</b>	<b>18,49</b>	<b>22,29</b>	<b>9,92</b>	<b>5,30</b>	<b>100,00</b>

Sample distribution									
Age groups by three		Education							Total
		Illiterate	Literate but no schooling	Primary (5 years)	Primary (8 years)	Highschool	University +	DK/NR	
18-34	Male	0,09	0,74	3,95	3,58	8,92	3,40	0,09	20,77
	Female	1,19	0,55	7,35	4,04	8,82	2,57	0,00	24,54
35-54	Male	0,18	0,46	6,53	2,57	3,68	1,29	0,09	14,80
	Female	2,30	1,29	11,49	2,76	3,22	1,38	0,00	22,43
55+	Male	0,37	0,55	5,61	1,47	1,19	0,28	0,18	9,65
	Female	1,75	1,47	2,85	0,46	0,92	0,37	0,00	7,81
	<b>Total</b>	<b>5,88</b>	<b>5,06</b>	<b>37,78</b>	<b>14,89</b>	<b>26,75</b>	<b>9,28</b>	<b>0,37</b>	<b>100,00</b>

	Realized in the sample	Population share	Regional weights
Istanbul	20,6	18,0	0,87
Aegean	5,1	13,1	2,56
Mediterranean	10,6	12,8	1,21
South Eastern Anatolia	18,4	10,3	0,56
West Anatolia	8,9	9,5	1,07
Marmara	12,8	13,6	1,06
Black Sea	7,8	9,5	1,22
Central Anatolia	11,4	5,2	0,46
Eastern Anatolia	4,4	7,9	1,80
<b>Total</b>	<b>100,0</b>	<b>100,0</b>	

Characteristic	<u>Population Estimates</u>	<u>Completed Interviews</u>	
		<u>Unweighted Distribution</u>	<u>Weighted Distribution</u>
<u>Age</u>			
18-25	%	%	%
26-40	%	%	%
41-64	%	%	%
65 and over	%	%	%
<u>Education</u>			
None	%	%	%
Incomplete Primary	%	%	%
Primary Completed	%	%	%
Incomplete Secondary	%	%	%
Secondary Completed	%	%	%
Post-Secondary Trade/ Vocational	%	%	%
University Incomplete	%	%	%
University Degree	%	%	%
<u>Gender</u>			
Male	%	%	%
Female	%	%	%

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.

[http://www.tuik.gov.tr/VeriBilgi.do?alt\\_id=39](http://www.tuik.gov.tr/VeriBilgi.do?alt_id=39)

<http://tuikapp.tuik.gov.tr/adnksdagitapp/adnks.zul>