

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

June 05, 2006

Country: Slovakia  
Date of Election: June 12, 2010  
  
Prepared by: Olga GYARFASOVA  
Date of Preparation: August 2010

**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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**Data Collection Organization:**

Organization that conducted the survey field work/data collection:

|  |
|--|
| Organization: TNS SK<br>Address: Štefánikova 19, SK-814 94 Bratislava<br><br>Telephone: 02/52497072<br>Fax: 52497083<br>E-Mail:<br>Website: : <a href="http://www.tns-global.sk">www.tns-global.sk</a> |
|--|

**Funding Organization(s):**

Organization(s) that funded the data collection:

|   |
|---|
| Organization: National Science Agency (Agentúra na podporu vedy a výskumu, APVV)<br>Address: P.O.BOX 839 04<br>SK- 839 04 Bratislava 32<br>Slovenská republika<br><br>Tel: +421 2 572 04 501<br>Fax: +421 2 572 04 599<br>E-mail: <a href="mailto:agentura@apvv.sk">agentura@apvv.sk</a><br><br>Website: <a href="http://www.apvv.sk">www.apvv.sk</a> |
| Organization:<br>Address:<br><br><br>Telephone:<br>Fax:<br>E-Mail:<br>Website:  |

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| Organization:<br>Address:<br><br>Telephone:<br>Fax:<br>E-Mail:<br>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: Slovenský archív sociálnych dát (Slovak Archive of Social Data - SASD)   |
| Contacts:<br>1. Slovenský archív sociálnych dát<br>Katedra sociológie<br>FFUK Šafárikovo nám. 6<br>SK-818 01 Bratislava<br>web: <a href="http://www.sasd.fphil.uniba.sk">www.sasd.fphil.uniba.sk</a><br><br>2. Slovenský archív sociálnych dát<br>Sociologický ústav SAV<br>Klemensova 19<br>SK-813 64 Bratislava<br>web: <a href="http://www.sasd.sav.sk">www.sasd.sav.sk</a><br><br>e-mail: <a href="mailto:sasd@fphil.uniba.sk">sasd@fphil.uniba.sk</a><br>tel.: +421 2 5924 4173<br>fax: +421 2 5296 6016<br><br>Contact persons:<br><br>Miroslav Tížik (mt) <a href="mailto:tizik@fphil.uniba.sk">tizik@fphil.uniba.sk</a><br>Miloslav Bahna (mib) <a href="mailto:miloslav.bahna@savba.sk">miloslav.bahna@savba.sk</a> |

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:  
June 18, 2010

2b. Date Post-Election Interviewing Ended:  
July 20, 2010

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:

- Slovak
- Hungarian

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:

Population of SR in age 18+

Sample repre : gender, age, education, size of settlement, region, nationality

### **Eligibility Requirements**

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

Yes

No

If yes, what ages could be interviewed?

18+

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:

Method of next birthday

### 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: \_\_\_\_\_ %



## 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.

Sample selection from the population was realized by stratified multistage probability sampling method. The sample consists of 1200 persons.

Random selection from database of household addresses was used.

The first step was random selection of sampling units (240).

The second step was random selection of household addresses. The third step was selection of the respondent – the method of next birthday combined with variable of right to vote during parliamentary election in 2010 (18+ age).

12a. What were the primary sampling units?

Sampling units were the units used in census of Slovak population (based on method of Slovak statistical bureau).

12b. How were the primary sampling units selected?

They were randomly selected from all “census units”, with using quotas for region and size of settlement.

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?

The second step was random selection of household addresses. The third step was selection of the respondent – the method of next birthday combined with variable of right to vote during parliamentary election in 2010 (18+ age).

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

Randomly, according to steps mentioned above.

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?

The final step was selection of the respondent – the method of next birthday combined with variable of right to vote during parliamentary election in 2010 (18+ age).

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:

Within regions.

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):

Region, and size of settlement.

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 \_\_\_4\_\_\_ 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):

| INTERVIEWER GENDER | Frequency | Percent |
|--------------------|-----------|---------|
| MALE               | 34        | 25,0    |
| FEMALE             | 102       | 75,0    |
| Total              | 136       | 100,0   |

| INTERVIEWER EDUCATION   | Frequency | Percent |
|-------------------------|-----------|---------|
| basic                   | 1         | 0,7     |
| secondary without exams | 10        | 7,4     |
| secondary with exams    | 79        | 58,1    |
| university degree       | 46        | 33,8    |
| Total                   | 136       | 100,0   |

| INTERVIEWER AGE | Frequency | Percent |
|-----------------|-----------|---------|
| UP TO 50        | 45        | 33,1    |
| 51 - 55         | 27        | 19,9    |
| 56 - 60         | 27        | 19,9    |
| 61 and more     | 37        | 27,2    |
| Total           | 136       | 100,0   |

26. Please provide a description of interviewer training:

All interviewers passed training of method “random selection from database of household addresses”. This method is used in various conducted surveys in several TNS SK sectors. Except general training interviewers were instructed by TNS SK fieldmanagers via telephone, individually and by letter.

## Contacts

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

1,9

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

1,7

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

**4 contacts**

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

**4 contacts**

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

**18 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:

Interviewers contacted household at various days during the week and varied time of their visit (morning, afternoon, evening)

### Refusal Conversion

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

Yes

No

Please describe:

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: 24 %

### 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:      | 2010 |
| B. Number of valid households:                | 1942 |
| C. Number of invalid (non-sample) households: | 64   |
| D. Number of households of unknown validity:  | 0    |
| E. Number of completed interviews:            | 1203 |
| F. Number of partial interviews:              | 1    |
| G. Number of refusals and break-offs:         | 454  |
| H. Number non-contact (never contacted):      | 266  |
| I. Other non-response:                        | 18   |

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               | %                   | %                       |

Source of data – up to December 31, 2008, Statistical Office – database about the demographical composition of the population and source for the selection of “VUJ” (research units) is done according the census 2001. (Zdroj udajov je k 31.12.2008 ŠÚ SR - databazy obci o demografickom zlozeni obyvateľstva a zdroj udajov k vyberu VUJ je podľa scitania obyvateľstva z roku 2001)

### Post-Survey Adjustment Weights

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

Yes

No

If yes, please explain:

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:

weighting variables: gender, age, education, size of settlement, region

weighting method: iteration method

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):

| Characteristic       | <u>Population Estimates</u> | <u>Completed Interviews</u>    |                              |
|----------------------|-----------------------------|--------------------------------|------------------------------|
|                      |                             | <u>Unweighted Distribution</u> | <u>Weighted Distribution</u> |
| <u>Age</u>           |                             |                                |                              |
| 18 - 24              | 13,5 %                      | 4,1 %                          | 13,5 %                       |
| 25 - 34              | 21,3 %                      | 10,5 %                         | 21,3 %                       |
| 35 - 44              | 17,5 %                      | 16,7 %                         | 17,5 %                       |
| 45 - 54              | 18,0 %                      | 21,1 %                         | 18,0 %                       |
| 55 - 64              | 14,7 %                      | 22,4 %                         | 14,7 %                       |
| 65 and over          | 15,0 %                      | 25,3 %                         | 15,0 %                       |
| <u>Education</u>     |                             |                                |                              |
| Primary Completed    | 23,2 %                      | 16,8 %                         | 23,2 %                       |
| Incomplete Secondary | 31,7 %                      | 29,6 %                         | 31,7 %                       |
| Secondary Completed  | 34,5 %                      | 38,4 %                         | 34,5 %                       |
| University           | 10,6 %                      | 15,2 %                         | 10,6 %                       |
| <u>Gender</u>        |                             |                                |                              |
| Male                 | 47,9 %                      | 47,6 %                         | 47,9 %                       |
| Female               | 52,1 %                      | 52,4 %                         | 52,1 %                       |

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.

[www.statistics.sk](http://www.statistics.sk)