

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

June 05, 2006

Country: SPAIN  
Date of Election: March 9<sup>th</sup>, 2008  
  
Prepared by: Juan Díez-Nicolás and Antonio M. Jaime-Castillo  
Date of Preparation: 4/17/2008

**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: ASEP. SA Address: Nausica 18 Majadahonda 28220 Madrid Spain Telephone: +34916380888 Fax: +34916345327 E-Mail: asep.sa@terra.es Website: www.jdsurvey.net
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**Funding Organization(s):**

Organization(s) that funded the data collection:

Organization: ASEP. SA Address: Nausica 18 Majadahonda 28220 Madrid Spain Telephone: +34916380888 Fax: +34916345327 E-Mail: asep.sa@terra.es Website: www.jdsurvey.net
Organization: Address:  Telephone: Fax: E-Mail: Website:
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### **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: JDSystems SL Address: Libertad 19, 1° B Alcobendas 28100 Madrid Telephone: +34916514767 Fax: E-Mail: jdiezmed@jdsurvey.net Website: www.jdsurvey.net
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Please indicate the date when the study is expected to be available at this archive:  
February 2012

### **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: April 11, 2008

2b. Date Post-Election Interviewing Ended: April 21, 2008

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: SPANISH

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:

Residents in Spain (including Balearic and Canary Island, excluding the two Spanish cities in North Africa—Ceuta and Melilla) 18 years and over.

### **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 (no upper limit)

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 (As already indicated, the two cities in North Africa)

No

If yes, what percent of the total eligible population did this exclude from the sample frame? less than 0,1%

If yes, please explain: They are usually excluded in all national surveys because of their population size

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 0.5%

If yes, please explain: Difficulties to interview people in hospitals, old age residences, prisons and military institutions.

10c. Were military personnel excluded from the sample?

Yes

No (They were interviewed at their homes, but not if at time of interview they were at headquarters)

If yes, what percent of the total eligible population did this exclude from the sample frame? Less than 0,1 %

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: less than 1 %

## 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 stratification: The selection criteria was that of proportional distribution of interviews among the 17 Autonomous Regions according to their population and to community size within each region.

Those municipalities with more than 500,000 inhabitants are of compulsory selection; the rest come out from a random draw.

The same number of interviews per Autonomous Region is kept in each study. The only Autonomous Regions that always have interviews at all levels of community size are: Andalucía, Cataluña and País Valenciano. The strata of the other regions are drawn each month.

The number of interviews that proportionally corresponds to each province and type of community is also taken into consideration within each Autonomous Region. Moreover, we keep track of the population settlements that are selected so that they are not repeated, and in large cities we distribute the interviews among the districts.

- Household selection: once the number of interviews to be done has been established (by size of community and Autonomous Region), we use a computerised system to randomly extract municipalities and electoral sections within them. The number of electoral sections randomly selected is related to the total number of interviews to carry out in the municipality.

A random route system is applied for household selection; in all the buildings that the interviewer passes by (on either side of the street, depending on the side where the starting point is), one every three housings is selected; in case of refusal or non-contact, the interviewer goes to the next household.

- Respondents' selection: age and sex quotas are used for the respondent's selection. These quotas are established in each sampling point according to the cross-tabulation between size of community and age and sex at national level and also at regional level in the three regions above mentioned (Cataluña, Andalucía, País Valenciano). In the other regions the distribution is proportional.

Alternatively, respondent is selected using Kish' household matrix.

12a. What were the primary sampling units? Municipalities

12b. How were the primary sampling units selected? Randomly

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.

SEE ABOVE



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?

SEE ABOVE

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

SEE 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.

SEE ABOVE

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

SEE ABOVE

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:

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):  
Distribution of interviews proportional to population in each of the 17 regions, and proportional within each region to population size strata of municipalities

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

Yes

No

If yes, please describe:

Only at the electoral section level, within each municipality

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

Yes

No

If yes, please describe:

After three unsuccessful visits, at different hours of the day

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: Replacement took place within the same building, and if not possible, within the same random route, within the electoral section (electoral sections have an average of 2,000 inhabitants)

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):

Female or male, not employed, 20-45 years, secondary education

26. Please provide a description of interviewer training:

They are professionals, generally, and therefore have received training

### Contacts

27a. What was the average number of contact attempts made per household, for the entire sample? 2,5

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

No information

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

No information

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

No information

28e. During the field period, what were the maximum number of days over which a household was contacted? 2

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:

Depends, they tried 3 times at different times, from morning to dinner time (around 21.00)

### **Refusal Conversion**

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

Yes

No

Please describe: Tried to convince, but not forcing.

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? As said, always 3 times at all households

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: by telephone or personal visit

If yes, please indicate the percent of completed surveys that were verified: 20%

### 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>4053</u>
B. Number of valid households:	<u>3954</u>
C. Number of invalid (non-sample) households:	<u>99</u>
D. Number of households of unknown validity:	<u>-</u>
E. Number of completed interviews:	<u>1204</u>
F. Number of partial interviews:	<u>35</u>
G. Number of refusals and break-offs:	<u>980</u>
H. Number non-contact (never contacted):	<u>1640</u>
I. Other non-response:	<u>95</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:

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:

Weighting by sex (2) and age groups (4) = 8 cells

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: Deviation is usually very small

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: Sex and age

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	Population Estimates*	Completed Interviews	
		Unweighted Distribution	Weighted Distribution
<u>Age</u>			
18-29	19,8%	23,1%	23,1%
30-49	39,7%	36,3%	36,7%
50-64	20,5%	19,9%	19,4%
65 and over	20,0%	20,6%	20,7%
<u>Education</u>			
None	%	1,0%	1,0%
Incomplete Primary	%	6,1%	6,1%
Primary Completed	%	18,9%	18,8%
Incomplete Secondary	49%	29,3%	29,2%
Secondary Completed	%	18,6%	18,5%
Post-Secondary Trade/ Vocational	22%	9,1%	9,1%
University Incomplete	%	9,0%	9,0%
University Degree	29%	7,7%	7,8%
<u>Gender</u>			
Male	%	48,8%	48,5%
Female	%	51,2%	51,5%

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.

\* Population estimates for age and gender are from the Rectified Population Registrar provided by Municipalities, 2008 by the National Institute of Statistics. Data for educational level are from Panorama de la Educación en España, Ministry of Education, Madrid, 2011, and they refer to 2008 and for population 26 years and over (data for the sample refer to population 18 years and over).

