Comparative Study of Electoral Systems (CSES)
Module 4: Design Report (Sample Design and Data Collection Report)
March 14, 2014

Country: Mexico
Date of Election: July 1st, 2012

Prepared by: CIDE
Date of Preparation: October 30th, 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: Ulises Beltrán
Title: Affiliate Professor
Organization: Political Studies Division, CIDE
 	
Address: Saltillo 63, Col Hipódromo Condesa
 	
México, D.F. C.P 06100
 	
Telephone: +52.55.5211-3044
Fax: +52.55.5256-0510
E-Mail: ulises.beltran@cide.edu
Website:
	Name: Rosario Aguilar
	Title: Assistant Professor
	Organization: Political Studies Division, CIDE
	
	Address: Carretera México-Toluca 3655
	            Lomas de Santa Fe, Álvaro Obregón
	            México, D.F. 01210
	
	Telephone: +52.55.5727-9828
	Fax: +52.55.5727-9871
	E-Mail: rosario.aguilar@cide.edu
	Website:

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: CAMPO, S. C.
Address: Av México 198. Col Sta Cruz Atoyac. México, D. F. 03810

Telephone: 52 55 56-01-56-79
Fax:
E-Mail: jcwillis@camposc.com
Website:

Funding Organization(s):

Organization(s) that funded the data collection:

Organization: Instituto Federal Electoral, IFE
Address: Viaducto Tlalpan 100
          Arenal Tepepan, Tlalpan
           México, D.F. 14610

Telephone: +01800-433-2000
Fax:
E-Mail:
Website: www.ife.org.mx

Organization: Consejo Nacional de Ciencia y Tecnología, CONACyT
Address: Av. Insurgentes Sur 1582
           Crédito Constructor, Benito Juárez
           México, D.F. 03940

Telephone: +52.55.5322-7700
Fax:
E-Mail:
Website: www.conacyt.gob.mx

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: BIIACS, CIDE
Address: Carretera México-Toluca 3655
Col. Lomas de Santa Fe,
Delegación Álvaro Obregón,
México, D.F. 01210

Telephone: 52 (55)5081-4005 extensions: 2477 and 2417
Fax: 52 5727-9800 ext. 2475 :
E-Mail: biiacs@cide.edu
Website: http://www.biiacs.cide.edu/

Please indicate the date when the study is expected to be available at this archive:
December 1st, 2013

Study Design

1. Timing of the study that the CSES Module was included in:
  [X] Post-Election Study
  [ ] Pre-Election/Post-Election Panel Study
  [ ] Between Rounds

2a. Date Post-Election Interviewing Began: July 13th, 2012

2b. Date Post-Election Interviewing Ended: July 19th, 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.)
  [X] In person, face-to-face
  [ ] Telephone
  [ ] Mail or self-completion supplement
  [ ] Internet

4a. Was the survey part of a panel study?
  [ ] Yes
  [X] 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?
  [X] 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?
  [X] 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
  [X] No
  [ ] Not applicable

7c. If the questionnaire was translated, were there any questions which caused problems when translating?
  [ ] Yes
  [X] 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:

National population, 18 years and older.

Eligibility Requirements

9a. Must a person be a certain age to be interviewed?
     [X] Yes
     [ ] No

     If yes, what ages could be interviewed?
     18 years or older

9b. Must a person be a citizen to be interviewed?
     [ ] Yes
     [X] No

9c. Must a person be registered to vote to be interviewed?
     [ ] Yes
     [X] No

9d. Please list any other interviewing requirements or filters used: NONE

Sample Frame

10a. Were any regions of the country excluded from the sample frame?
     [ ] Yes
     [X] 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?
     [X] Yes
     [ ] No

     If yes, what percent of the total eligible population did this exclude from the sample frame? 0.06 %

     If yes, please explain: Convicted felons and mentally ill individuals cannot vote.

10c. Were military personnel excluded from the sample?
      [ ] Yes
      [X] 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
      [X] 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.

The sample is selected by a multistage procedure. The universe was divided in four regions: states with PAN Governor, Northern States with a PRI governor, Center-South states with PRI governors, and states with a PRD governor. An independent sample was drawn within each region. In each region precincts were ordered by the vote for PRI in the last election, and divided into four groups of the same number of precincts. Within each group, precincts are clustered by county. So you have groups with similar vote for PRI and the same county. The first selection stage is done with this list, clustering precincts within each group with probability proportional to size (PPS), being turnout the size of the cluster. In the second stage precincts are selected with PPS. Fieldwork teams receive the sample of precincts. In the field, the third stage are blocks randomly selected in the precinct area. In each block, houses are selected following systematic methods of random start. Respondent was randomly selected. To do this were enlisted all citizen over 18 years by their birthday in each housing and was chosen the person with the birthday closest date.

12a. What were the primary sampling units?

The primary sampling units were clusters of electoral precincts. The clusters were defined as groups of all the precincts with similar electoral results and belonging to the same county (municipality)

12b. How were the primary sampling units selected?

With PPS

12c. Were the primary sampling units randomly selected?
        [X] 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.

All units have a known PPS to be selected

13. Were there further stages of selection?
        [X] Yes
        [ ] No

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

Fieldwork teams receive the sample of precincts. In the field, blocks are randomly selected in the precinct area by a systematic procedure. In each block, houses are selected following systematic methods of random start. Respondent was randomly selected. To do this were enlisted all citizen over 18 years by their birthday in each housing and was chosen the person with the birthday closest date.

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?
     [X] 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?

Interviewer lists all persons living in the household over 18 years with their birthday's date, and then asks for the person with the closest birthday's date. If not at home, asks for next.

14b. Could more than one respondent be interviewed from a single household?
     [ ] Yes
     [X] No

     If yes, please explain:

15. Did the sample design include clustering at any stage?
     [X] Yes
     [ ] No

     If yes, please describe:
The primary sampling units were electoral precincts clusters. The clusters were defined as groups of all of the precincts with similar electoral results and belonging to the same county (municipality)

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.
     [X] Yes
     [ ] No

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

Stratification in four groups: states governed by PAN, north states governed by PRI, center-south states governed by PRI and states governed by PRD.

17. Was quota sampling used at any stage of selection?
  [ ] Yes
  [X] No

  If yes, please describe:

18. Was substitution of individuals permitted at any stage of the selection process or during fieldwork?
  [ ] Yes
  [X] No

  If yes, please describe:

19. Under what circumstances was a household designated non-sample? Please check all that apply:
  [X] Non-residential sample point
  [X] All members of household are ineligible
  [X] Housing unit is vacant
  [X] No answer at housing unit after __3_____ callbacks
  [ ] Other (Please explain):

20. Were non-sample replacement methods used?
  [X] Yes
  [ ] No

  Please describe: If the selected person is not found at the time of the visit, a second visit was made to contact her. In case of not finding her, then the household is replaced by a systematic method: three households to the left.

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
    [X] No

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

24b. Prior to the study, was a payment sent to the respondent?
    [ ] Yes
    [X] No
    If yes, please describe (including amount of payment):

24c. Prior to the study, was a token gift sent to the respondent?
    [ ] Yes
    [X] 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
    [X] No

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

24e. Were any other incentives used?
    [ ] Yes
    [X] No

    If yes, please describe:

Interviewers

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

156 interviewers 25-45 years old, with post-secondary, technical or university and 3-5 years of experience

26. Please provide a description of interviewer training
    Interviewers are trained in a four to five hours session with the main responsible of the questionnaire design based in a previously prepared manual with all questions and codes. Each question is discussed and some interviews are simulated. Several persuasion approaches are proposed based in a detailed description of the study and its importance.

Contacts

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

Three

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

Two

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

Two

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

Two

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

Two

28f. During the field period, did interviewers vary the time of day at which they re-contacted the household?
    [X] Yes
    [ ] No

    If yes, please describe: Following working habits of household members

Refusal Conversion

29a. Were efforts made to persuade respondents who were reluctant to be interviewed?
[X] Yes
[ ] No

Please describe: By explaining the relevance of the study

29b. Were respondents who were reluctant to be interviewed sent a letter persuading them to take part?
[ ] Yes
[X] 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
[X] No

If yes, how much?

29d. Were respondents who were reluctant to take part turned over to a more experienced interviewer?
[ ] Yes
[X] No

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

 One

29f. Were any other methods used to persuade respondents reluctant to be interviewed to take part?
[ ] Yes
[X] 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
      [X] 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.)

28.5%

$$Response_{rate} = \frac{\# \ Answers}{\# \ Contacts} * 100\%$$

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: 8,423
      B. Number of valid households: 2,400
      C. Number of invalid (non-sample) households: 0
      D. Number of households of unknown validity: 0
      E. Number of completed interviews: 2,400
      F. Number of partial interviews: 0
      G. Number of refusals and break-offs: 6,023
      H. Number non-contact (never contacted):   0
      I. Other non-response: 0

      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 that 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	%	%
65 and over	%	%

Education	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 populated being studied?
>   [X] Yes
>   [ ] No

>   If yes, please explain: The main purpose of the weighting is to correct slight deviations
>   from the census age and sex distributions

38. Are weights included in the data file?
>   [X] Yes
>   [ ] No

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

Sampling units were selected with unequal probabilities. Weights are estimated and used to correct for this unequal probabilities. Poststratification weights were estimated to correct for non-response and to match known demographic characteristics of the populations gender and age.

40a. If weights are included in the data file, are the weights designed to compensate for disproportionate probability of selection?
>   [ ] Yes
>   [X] 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?
>   [X] Yes
>   [ ] No

>   If yes, please describe:
>   Weights match gender and age data based on census data from 2010

40c. If weights are included in the data file, are the weights designed to correct for non-response?
>   [X] Yes
>   [ ] No

>   If yes, please describe: The correction is made at the precinct level

40d. If weights are included in the data file, are the weights designed to correct to the official election results?
>   [ ] Yes
>   [X] 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
Age			
18-25	24.4%	18.6%	22.6%
26-40	35.6%	31.1%	35.2%
41-64	29.2%	37.2%	32.0%
65 and over	12.8%	13.1%	10.2%
Education			
None	7.1%	3.9%	3.2%
Incomplete Primary	12.9%	11.5%	9.7%
Primary Completed	16.4%	18.1%	16.8%
Incomplete Secondary	5.1%	7.8%	7.9%
Secondary Completed	22.4%	22.8%	23.7%
Post-Secondary Trade/ Vocational	21.8%	23.4%	25.4%
University Incomplete	3.6%	2.5%	3.2%
University Degree	10.7%	10.0%	10.1%
Gender			
Male	48.8%	42.3%	47.9%
Female	51.2%	57.8%	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.
http://www.inegi.org.mx