Comparative Study of Electoral Systems (CSES)
Module 5: Design Report (Sample Design and Data Collection Report)

September 14, 2016

<table>
<thead>
<tr>
<th>Country: Lithuania</th>
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</thead>
<tbody>
<tr>
<td>Date of Election: 9 October 2016, 23 October 2016</td>
</tr>
</tbody>
</table>

Prepared by: Romas Mačiūnas, Aïnée Ramonaitė
Date of Preparation: January 2017

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.

<table>
<thead>
<tr>
<th>Name: Aïnée Ramonaitė</th>
<th>Name:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Title: Prof.</td>
<td>Title:</td>
</tr>
<tr>
<td>Organization: Vilnius University</td>
<td>Organization:</td>
</tr>
<tr>
<td>Address: Vokiečių 10, Vilnius, Lithuania</td>
<td>Address:</td>
</tr>
<tr>
<td>Telephone: +370 5 2514130</td>
<td>Telephone:</td>
</tr>
<tr>
<td>Fax: +370 5 2514134</td>
<td>Fax:</td>
</tr>
<tr>
<td>E-Mail: aïnée.ramonaitė@tspmí.vu.lítt</td>
<td>E-Mail:</td>
</tr>
<tr>
<td>Website: <a href="http://www.tspm%C3%AD.vu.l%C3%ADtt/">http://www.tspmí.vu.lítt/</a></td>
<td>Website:</td>
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**Data Collection Organization:**

Organization that conducted the survey field work/data collection:

<table>
<thead>
<tr>
<th>Organization: Baltic Surveys Ltd.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address: 10A Smolensko str., Vilnius, Lithuania</td>
</tr>
<tr>
<td>Telephone: +370 5 2120104</td>
</tr>
<tr>
<td>Fax: +370 5 2127145</td>
</tr>
<tr>
<td>E-Mail: <a href="mailto:info@baltic-surveys.lt">info@baltic-surveys.lt</a></td>
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<tr>
<td>Website:</td>
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</tbody>
</table>

**Funding Organization(s):**

Organization(s) that funded the data collection:

<table>
<thead>
<tr>
<th>Organization: Lithuanian Research Council</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address: Gedimino pr. 3, 01103 Vilnius, Lithuania</td>
</tr>
<tr>
<td>Telephone: +370 670 32435</td>
</tr>
<tr>
<td>Fax: +370 5 261 8535</td>
</tr>
<tr>
<td>E-Mail: <a href="mailto:info@lmt.lt">info@lmt.lt</a></td>
</tr>
<tr>
<td>Website: <a href="https://www.lmt.lt/lt">https://www.lmt.lt/lt</a></td>
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<td>E-Mail:</td>
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<td>Website:</td>
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</tbody>
</table>
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: Lithuanian Data Archive for Humanities and Social Sciences (LiDA) |
| Address: |
| Center of Data Analysis and Archivation |
| Faculty of Social Sciences, Arts and Humanities |
| Kaunas University of Technology |
| A. Mickevičiaus g. 37-1100 |
| LT-44244 Kaunas, Lithuania |
| Telephone: +370 (37) 300110 |
| Fax: |
| E-Mail: rasykite@lidata.eu |
| Website: http://www.lidata.eu/ |

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

February 2019

Study Design

1. Timing of the study that the CSES Module was included in:
   - [X] Post-Election Study (with interviewing starting within 6 months after the election)
   - [ ] Post-Election Study (with interviewing starting more than 6 months after the election)
   - [ ] Pre-Election/Post-Election Panel Study
   - [ ] Between Rounds

2a. Date Post-Election Interviewing Began: November 11, 2016

2b. Date Post-Election Interviewing Ended: December 10, 2016
3a. 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 - using a questionnaire on paper
[ ] In person, face-to-face - using an electronic/computerized questionnaire
[ ] Telephone
[ ] Mail or self-completion supplement
[ ] Internet

3b. Was there a mode change within interviews (e.g., selected self-completion elements within the questionnaire)?
[ ] No
[ ] Yes; please provide details:

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:

4c. If the survey was entirely or partly conducted via the Internet, please indicate whether it was based on an access panel (i.e. respondents were selected from a group of pre-screened panelists):
[ ] Yes
[ ] No

4d. If the survey was based on an Internet access panel, please describe the access panel (company, population [does it include persons without initial access to the Internet and how are they interviewed], method of recruiting members, total size of access panel, method of selecting survey respondents from the panel):
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:
   Lithuanian

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:

The sample represent population of Lithuania aged 18 years and older – 2 370 357 in total (source – Statistical department of the Republic of Lithuania, January 2016).

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 and older

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

9c. Must a person be registered to vote to be interviewed?
   [X] 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
   [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? _______%

   If yes, please explain:

Institutionalized persons, e.g. living in state facilities, nursing homes, etc., were not included in 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? _______%

   If yes, please explain:

Military persons were not excluded, unless institutionalized.
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. If interviews were conducted via the Internet, what is the estimated percentage of households without access to the Internet? _______ %

10g. If interviews were conducted via the Internet, were provisions taken to include members of the population without access to the Internet? And if so, which?

[ ] Yes
[ ] No

If “Yes”, please explain:

If “No”, what percent of the total eligible population did this exclude from the sample frame? _______ %

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

[X] Yes
[ ] No

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

If yes, please explain: homeless people

10i. 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 and/or based on an Internet access panel, please also describe the original sample, from the beginning of the study.

Multistage stratified proportional sampling.

First stage: The territory of the Republic of Lithuania is divided into 10 administrative units (counties) based on Nomenclature of Territorial Units as used in the official EU statistics. Each county is represented in the sample proportionally to its population size.

Second stage: The total number of interviews in each survey region (county) was allocated to 6 strata in proportion to the population of each stratum. The stratum is defined on the basis of a settlement size. These strata are identified in each survey region (county)

12a. What were the primary sampling units?

Third stage: Number of PSU’s (“PSU” - clusters) allocated by the size of settlement depending on the share of Lithuanian population living in a certain type of settlement (based on the latest statistics). PSU’s were selected randomly from each stratum (county and settlement size combination cell) list.

12b. How were the primary sampling units selected?

For capital city and other big cities maps were used for selection of PSUs. Cities were divided into neighborhoods and streets in each neighborhood were selected randomly. Odd or even numbers were indicated as starting point for interviewers.
In rural area bus / train station; church; shop, etc, was indicated as starting point for random route.

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.

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?

*Fourth stage:* Households in settlements were selected by using random route from the starting point that was indicated by supervisor.

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?

*Fifth stage:* Selection of respondent – by using “last birthday rule” among all household members aged 18 years and older.

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?

   [ ] 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, and in the case of multi-stage selection processes the stage[s] at which stratification occurred):

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?

[ ] Yes
[ X ] 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 respondents self-select into the survey, at any stage?
   [ ] 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):

117 interviewers worked in this project – 4 men and 113 women.
Age of interviewers – 19-69 years, average age – 47 years.
44% of all interviewers have higher University education, 30% - higher non-university education and 26% - secondary or professional secondary education.
Average experience of interviewers – 7 years (from 1 to 25 years).

26. Please provide a description of interviewer training. If possible please differentiate between general interviewer training and study-specific components:

All interviewers were trained either in central office or in regional offices. Training took about 4-4.5 hours – approximately one hour of general training, 1.5 hours of survey specific questions and 1.5-2 hours for interviewing under supervision and clarification unclear questions.

26a. Please provide a description of the content, structure and time used for general training of interviewers:

Supervisor revised general rules of following random route, communication with households and selection of potential respondent, described general difficulties of communication and possible solutions of difficult situations. This part of training took about 1 hour because all interviewers are experienced in interviewing.

26b. Please provided a description of the content, structure and time used for training interviewers in the specifics of the study within which CSES was run:

In survey specific training supervisor with interviewers revised whole questionnaire question by question and asked interviewers to conduct interviews each with another under supervision. Going through the questionnaire took about 1.5 hour; interviewing and clarification of unclear questions took 1.5-2 hours. Interviewers also received written instruction with main points to which they had to pay attention during interview.
Contacts

27a. What was the average number of contact attempts made per household, for the entire sample?
1.15

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?
3

28d. During the field period, how many contacts were made with the household before declaring it a non-interview?
3

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

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:

Interviewers had to contact selected household 3 times. All three visits should be done at different time of day and at least one visit had to be done at week-day, at least one – at week-end.
Refusal Conversion

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

   Please describe:
   Interviewers were trained how to persuade respondents who are reluctant and they tried to do this.

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?

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?
   [X] Yes
   [ ] No

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

   10% of all interviews were back-checked either by phone or by following random route and contacting respondent.

   If yes, please indicate the percent of completed surveys that were verified: _10__ %
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.)

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.)

<table>
<thead>
<tr>
<th>Statistic</th>
<th>Value</th>
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<tbody>
<tr>
<td>A. Total number of households in sample:</td>
<td>2532</td>
</tr>
<tr>
<td>B. Number of valid households:</td>
<td>2445</td>
</tr>
<tr>
<td>C. Number of invalid (non-sample) households:</td>
<td>48</td>
</tr>
<tr>
<td>D. Number of households of unknown validity:</td>
<td>39</td>
</tr>
<tr>
<td>E. Number of completed interviews:</td>
<td>1500</td>
</tr>
<tr>
<td>F. Number of partial interviews:</td>
<td>0</td>
</tr>
<tr>
<td>G. Number of refusals and break-offs:</td>
<td>811</td>
</tr>
<tr>
<td>H. Number non-contact (never contacted):</td>
<td>106</td>
</tr>
<tr>
<td>I. Other non-response:</td>
<td>28</td>
</tr>
</tbody>
</table>

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:

Language barrier
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.

<table>
<thead>
<tr>
<th>Age</th>
<th>First wave of study</th>
<th>Wave that included CSES</th>
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<tbody>
<tr>
<td>18-25</td>
<td>%</td>
<td>%</td>
</tr>
<tr>
<td>26-40</td>
<td>%</td>
<td>%</td>
</tr>
<tr>
<td>41-64</td>
<td>%</td>
<td>%</td>
</tr>
<tr>
<td>65 and over</td>
<td>%</td>
<td>%</td>
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</table>

<table>
<thead>
<tr>
<th>Education</th>
<th>First wave of study</th>
<th>Wave that included CSES</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td>%</td>
<td>%</td>
</tr>
<tr>
<td>Incomplete primary</td>
<td>%</td>
<td>%</td>
</tr>
<tr>
<td>Primary completed</td>
<td>%</td>
<td>%</td>
</tr>
<tr>
<td>Incomplete secondary</td>
<td>%</td>
<td>%</td>
</tr>
<tr>
<td>Secondary completed</td>
<td>%</td>
<td>%</td>
</tr>
<tr>
<td>Post-Secondary Trade/Vocational</td>
<td>%</td>
<td>&amp;</td>
</tr>
<tr>
<td>University incomplete</td>
<td>%</td>
<td>%</td>
</tr>
<tr>
<td>University degree</td>
<td>%</td>
<td>%</td>
</tr>
</tbody>
</table>
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:

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:

   Weighting factor: Interlocking grid: sex by age by type of settlement

   Three variables used for data weighting – gender, age and settlement size (urban/rural). Statistics on percentage of males and females of different age groups counted and used in counts of weighing factor as required total. Weighting factor is counted by required total for the group (e.g. males aged 20-29y. living in rural area) by the achieved survey sample total for this group. Weight factor makes survey sample representative of the total population by gender, age and urban/rural population. Second step: weighting data by the settlement size. At this step percentage of the residents of major cities (Vilnius, Kaunas, Klaipeda, Siauliai and Panevezys), other towns and rural area is counted based on official statistics as required total. Finally weighting factor is counted by dividing the required total for each city or settlement size. This weight makes survey sample representative of the population by gender, age and settlement size.

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:

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

If yes, please describe:

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

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Population Estimates</th>
<th>Completed Interviews</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>Unweighted Distribution</td>
<td>Weighted Distribution</td>
</tr>
<tr>
<td>Age</td>
<td></td>
<td></td>
</tr>
<tr>
<td>18-29</td>
<td>19.4%</td>
<td>17.5%</td>
</tr>
<tr>
<td>30-49</td>
<td>31.8%</td>
<td>29.5%</td>
</tr>
<tr>
<td>50 and over</td>
<td>48.8%</td>
<td>52.9%</td>
</tr>
<tr>
<td>Education</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Primary</td>
<td>% 3.1%</td>
<td>2.8%</td>
</tr>
<tr>
<td>Lower secondary</td>
<td>% 20.3%</td>
<td>18.7%</td>
</tr>
<tr>
<td>Upper secondary</td>
<td>% 30.9%</td>
<td>32.0%</td>
</tr>
<tr>
<td>Post-secondary non-tertiary</td>
<td>% 19.9%</td>
<td>19.6%</td>
</tr>
<tr>
<td>Short-cycle tertiary</td>
<td>%</td>
<td>%</td>
</tr>
<tr>
<td>Bachelor or equivalent</td>
<td>% 17.4%</td>
<td>18.8%</td>
</tr>
<tr>
<td>Master or equivalent</td>
<td>% 7.8%</td>
<td>7.6%</td>
</tr>
<tr>
<td>Doctoral or equivalent</td>
<td>% 0.1%</td>
<td>0.1%</td>
</tr>
<tr>
<td>Gender</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Male</td>
<td>44.9%</td>
<td>42.7%</td>
</tr>
<tr>
<td>Female</td>
<td>55.1%</td>
<td>57.3%</td>
</tr>
</tbody>
</table>

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.

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1 There is no statistical data about education of Lithuanian population aged 18 years and older