The WORLD VALUES SURVEY ASSOCIATION

www.worldvaluessurvey.org

SURVEY METHODOLOGY REPORT

METHODOLOGICAL QUESTIONNAIRE
(TO BE COMPLETED AND SENT TO THE DATA ARCHIVE
JOINTLY WITH THE DATA FILE)

Country:	Armenia
Organization:	Caucasus Research Resource Center-Armenia Foundation
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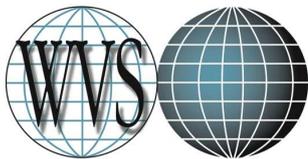
SECTION 1: THE QUESTIONNAIRE

1. Have any optional questions and/or items been included?

Yes [X]

Yes (PLEASE WRITE IN QUESTION AND/OR ITEM NUMBERS BELOW)

Three optional questions were employed:

SDG1; SDG2 and the Q291. The Q291 was employed partially (for UN3 and UN5)

2. Were country-specific questions, and/or items i. e. neither compulsory nor optional WVS questions, or questions included in the survey?

No country-specific questions included   [ ] ⟶ Go to Q 4

Country-specific questions were included   [X]

ANSWER IF THERE WERE COUNTRY-SPECIFIC QUESTIONS

3. Were country specific questions included at the end of the questionnaire, just before the demographics?

Yes   [ ] ⟶ **GO TO Q 4**

No   [X]

3a Please indicate the location of the country-specific questions which were not at the end of the questionnaire

WRITE IN BELOW:

Country specific questions were introduced after the relevant/corresponding core questions in the Master questionnaire and were numbered separately with "AM" at the beginning (AM01, AM02, etc.).

Here is the location of country specific questions within the Master questionnaire:

Question number	Location in the WVS core questionnaire
QAM01	After the Q63 and before the Q64
Q82A (The Commonwealth of Independent States)	After the Q82 (CIS option is added)
QAM02 and QAM03	After the Q125 and Before the Q126
Q223	Is adjusted, the list of locally known parties is introduced
QAM04	After the Q259
QAM05 (from QAM05_1 to QAM05_4)	Before the Q260
Q275-278	The answer options are harmonised with The National Qualification Framework adopted by RA Government (Decision № 332-N, 31.03.2011), and revised by the Government Decision №714, 07.07.2016 (in Armenian)
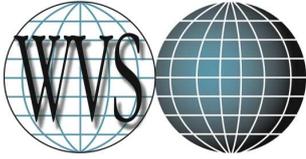
EVERYONE PLEASE ANSWER

4. Were all questions asked in the prescribed order?

Yes ☒

No ☐

5. Were all <u>core</u> questions included in your questionnaire (by core we mean all items except those that were optional)?

No - some question(s) from WVS questionnaire **<u>not</u>** included ☐ ⟶ **ANSWER**

_____

No - some demographic question(s) **<u>not</u>** included ☐ ⟶ **ANSWER**

_____

Yes - all questions <u>included</u> ☒ ⟶ **SECTION 2**

IF ANY CORE or DEMOGRAPHIC WVS QUESTIONS WERE <u>NOT</u> INCLUDED

6. Please write in details of the items and the reasons why they were not included.

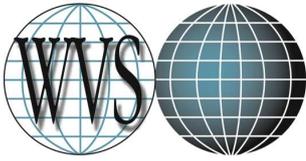*question number or description of question:*

Reason(s) not included:

SECTION 2: SAMPLING

7. Was your sample designed to be representative of the <u>entire</u> adult population, i. e. 18 years and older, of your country?

Yes ☒ ⟶ **GO TO Q 9**

NO ☐ ⟶ **ANSWER**

IF NOT DESIGNED TO BE REPRESENTATIVE

8. Which groups were excluded from, under-represented or over-represented in your sample design?

Excluded (PLEASE SPECIFY):

Over-represented: (PLEASE SPECIFY):

Under-represented (PLEASE SPECIFY):

EVERYONE PLEASE ANSWER

9. What was the <u>lower</u> age cut-off for your sample?

Yes - please write in cut-off | 1 | 8 |

No cut-off | |

10. Was there any <u>upper</u> age cut-off for your sample?

Yes - please write in cut-off | |

No cut-off | X |

11. What were the different stages in your sampling procedure?

PLEASE WRITE IN:

- The full list of electoral precincts was used as a sampling frame for the selection of Primary Sampling Units;

- Proportionate to population size (PPS) stratification a) by region and b) settlement type (capital/urban/rural) was performed;

- Random selection of Primary Sampling Units (PSU) within each stratum was performed;

- A random route technique for household (HH) selection was applied (starting point within each PSU /electoral precinct/ provided to the interviewer).

- The upcoming birthday method was used to select the respondent among adults (18+) within each selected HH.

Thus, the general population in the sample frame was divided into 11 strata by the regional criterion (Capital - Yerevan and 10 regions/marzes). At the same time, in each stratum the second level of stratification: urban and rural was made, in order to obtain the urban-rural proportions of the respondents at the regional and country levels. Proportionate stratification (PPS) was applied to the sample, which means that the total number of respondents in each stratum in the sample is replicating the general distribution of respondents by a) strata, and (b) the urban-rural proportion. The same principle of the PPS stratification was applied also within the capital: Yerevan. Ten districts (according to administrative division) were determined as sub-strata within Yerevan. Thus the total
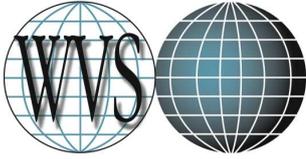
number of respondents in each district of Yerevan was proportionate to the general distribution of adults by these sub-strata.

So, in total 30 (10+10+10) separate sub-strata were developed enabling selection of primary sampling units (PSUs).

12. What was the final number of clusters or sampling points?

No clusters ☐

WRITE IN: | 1 | 2 | 2 |

13. What was the sampled unit you got from office sampling?

Address   ☐ ⟶ **ANSWER**

Household   [X] ⟶ **ANSWER**

Named individual   ☐ ⟶ **GO TO 17**

Other (PLEASE WRITE IN DETAILS BELOW   ☐ ⟶ **ANSWER**

_____

_____

IF NAMED INDIVIDUAL WAS <u>NOT</u> THE SAMPLED UNIT

14. What selection method was used to identify a respondent?

PLEASE SPECIFY:

- To randomly select the respondents among adults within each selected HH the upcoming birthday method was employed (see also in point 11). No replacement of the selected respondent was allowed. However, up to 3 visits were allowed/requested.
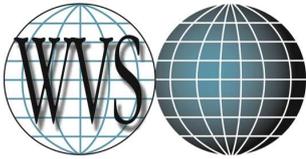
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15. Were there <u>any</u> quota-controls on the type of individual selected to take part in the survey (for example, age or sex controls)?

Yes   [X] ⟶ **ANSWER**

No   ☐ ⟶ **GO TO 17**

IF QUOTA CONTROLS

16. In what way were quota controls used?

PLEASE WRITE IN:

By the end of the fieldwork it came out that the gender distribution of respondents is unusually biased (29% male and 71% female). This phenomena could be explained by: labour migration (a typical outflow pattern for men in active working age); higher employment rate among men (lack of availability for an interview); and some share of persons wounded during the 44-day war over Nagorno-Karabakh (September 27-November 9 2020).

Upon consultations with the WVS secretariat it was decided to conduct extra interviews with male respondents in the clusters with less than 20% of share of male respondents. The total number of oversampled interviews with men was very limited - just 39. However, oversampling enabled to end up with a slightly higher ratio – 31% men and 69%-women.

EVERYONE PLEASE ANSWER

17. Was substitution permitted at any stage of your selection process or during fieldwork?

Yes   [X] ⟶ **ANSWER**

No   [   ] ⟶ **GO TO 19**

IF 'YES'

18. In what way was substitution permitted?

PLEASE WRITE IN:

Substitution of initially selected (randomly) 4 PSUs were replaced during the fieldwork due to various reasons (security concerns, empty dwellings, no permanent residents, etc.). Two PSUs were oversampled due to inability to conduct sufficient number of interviews (10 in each PSU) in the initially selected sampling units.
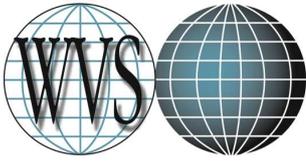
EVERYONE PLEASE ANSWER

19. Did you use any stratification factors when drawing your sample?

Yes   [X] ⟶ **ANSWER**

No   [   ] ⟶ **GO TO 21**

IF STRATIFICATION FACTORS USED

20. What stratification factors were used, and at what stage(s) of selection?

PLEASE WRITE IN:

- The only stratification factor taken into account was the division of general population (voters) by administrative regions (marzes) and type of settlement (capital/urban/rural). Then the proportionate to population size approach was performed to select the PSUs (122).

EVERYONE PLEASE ANSWER

21. All in all, what are the known limitations of your <u>realized</u> sample?

For example: non-response rate; is there differential coverage of particular groups, either because of sample design or response differences?

% response or % non-response: PLEASE WRITE IN:

- Low response rate due to Covid-19 (17% of visited households);

- Ratio of respondents by sex (31% of male) due to seasonal migration, high refusal rates among men and other factors (see in the point 16);

- Length of the questionnaire/interview (57 minutes on average).

22. Please fill in the following details about your sample. If some categories do not apply, please complete to the highest level of detail possible and use the 'other' box to give more information.

Total number of <u>starting</u> names/addresses	7	3	6	1

Item				
Total number of <u>starting</u> names/addresses	7	3	6	1
- addresses which could not be traced at all				
- addresses established as empty, demolished or containing no private dwelli				
- selected respondent too sick/incapacitated to participate	1	7		
- selected respondent away during survey period	1	7	1	
- selected respondent had inadequate understanding of language of survey	8	7		
- no contact at selected address	1	9	3	3
- no contact with selected person				
- refusal at selected address	3	7	8	7
- proxy refusal (on behalf of selected respondent)				
- personal refusal by selected respondent	7	2		
- other type of unproductive (please write in full details in the box below)	5	7		
- full productive interview	1	2	2	3
- partial productive interview	1	4		
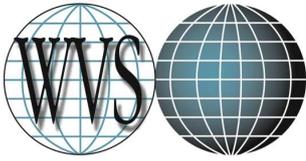
IF 'OTHER' CATEGORY USED

23. Please specify

Other type of unproductive (57 cases) – Household was isolated due to Covid-19.

SECTION 3: FIELDWORK

24. If interviews were not face-to-face, please specify the way of interviewing:

25. The next group of questions are about interviewers.

   If no interviewers were used at any point in the WVS survey, please go to Q26.

IF INTERVIEWERS USED

a. Were interviewers paid according to performance (for example, according to the number of interviews they obtained)?

Yes [X]

No [ ]

b. Which, if any, of these rules governed how an interviewer approached an address/household?

PLEASE TICK THOSE THAT APPLY

Calls (visits) must be made at different times of day [X]

Calls (visits) must be made on different days of week [X]

Neither of the above [ ]

c. Were interviewers <u>required</u> to make a certain number of re-calls before they stopped approaching an address or household?

Minimum number of re-calls required - please write in number [|]

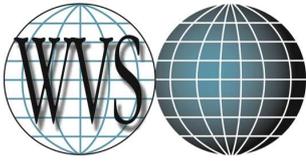No minimum re-call requirement [X]

d. Were any interviews supervised?

Yes - please write in approximate proportion [|] %

No [X]

e. Were any interviews back-checked?*

Yes - please write in approximate proportion [1 | 0] %

No [ ]

* The Fieldwork Coordinator was responsible for the overall management and quality control of the fieldwork in Yerevan and the regions. Overall managerial and technical oversight was exercised by the Fieldwork Coordinator and the Program Manager for Data Initiative from CRRC-Armenia. The data was monitored daily using Survey CTO software and the interviewers were being immediately instructed on the issues rising throughout the collection process. In the frames of the data cleaning process back-check calls have been made to correct the discrepancies in the dataset. Throughout this process 10% percent of CAPIs (10 minutes at a random start) were audio recorded and monitored to fix the oversights and further instruct the interviewers.

EVERYONE PLEASE ANSWER

26. Please write in the approximate start and end dates of fieldwork: **DD MM YY**

Start date | 0 | 7 | 0 | 5 | 2 | 1 |

End date | 0 | 7 | 0 | 6 | 2 | 1 |

27. Please write in the name of the institute which has done the fieldwork.

<u>Caucasus Research Resource Center- Armenia Foundation</u>

SECTION 4: DATA

28. Were any measures of coding reliability employed?

Yes ⟶ ☐   **ANSWER**
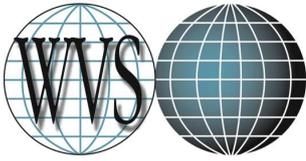
No   ☒   **GO TO 29**

28a. Which one? Please specify

29. Were the data from the questionnaire keyed subsequent to the interview (that is, non-CAPI surveys)?

Yes ⟶ ☐   **ANSWER**

No ⟶ ☒   **GO TO 31**

IF DATA KEYED

30. Was keying verified?

Yes - please write in approximate level of verification ☐☐ %

No ☐

EVERYONE PLEASE ANSWER

31. Were any reliability checks made on derived variables?

Yes ☒
No ☐

32. Were data checked/edited to ensure that filter instructions were followed correctly?

Yes ☐
No ☒

33. Were data checked/edited for logic or consistency?

Yes ☐
No ☒

34. Were data checked/edited to ensure they fell within permitted coding ranges?

Yes ☒
No ☐

35. Have you answered 'yes' on any or all of questions 32 to 34 above?

Yes ☒ ⟶ **ANSWER**

No ☐ ⟶ **GO TO 37**
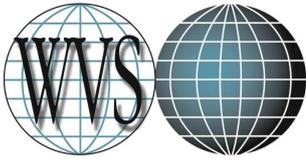
IF DATA CHECKED/EDITED

36. Were errors corrected individually or automatically (through, for example, a 'forced' edit)?

Yes - individual correction ☒

Yes - automatic correction ☐

No - not corrected ☐

EVERYONE PLEASE ANSWER

37. Did you add a weight variable?

Yes ☒ ⟶ **ANSWER**

No ☐ ⟶ **GO TO 39**

IF WEIGHT VARIABLE ADDED

38. Please describe the weighting or post-stratification strategy used.

Post-stratification weight (WEIGHT): Post stratification weights by settlement type (capital/urban/rural), gender and age (18-29, 30-39, 40-49, 50-59, 60 and above) were applied based on the latest data provided by the <u>Statistical Committee of the Republic of Armenia</u> (as of January 2021). The weight was trimmed at the 1st and 99th percentiles.

### SECTION 5: CHARACTERISTICS OF NATIONAL POPULATION

39. Each member is asked to provide information on known characteristics of its national population, from census or the best available estimates from government surveys or other high-quality data-sources:

- sex distribution of the population
- age distribution of the population
- education (years of schooling) of the population
- other characteristics (PLEASE SPECIFY)

Please specify also the sources which have been used. Please note that the number of characteristics is what is minimal required. You can add as many characteristics as you like, but do not forget to specify them.

In the table below please present the information from census or from other government surveys or other high-quality data (column SOURCE 1) and the proportions obtained in your data, before and after weighting

	Source: <u>Statistical Committee of the RA</u>	Unweighted data	Weighted data
Gender			
Female	55%	69%	55%
Male	45%	31%	45%
Age Groups			
18 - 29 years	21%	15%	21%
30 - 39 years	22%	19%	22%
40 - 49 years	16%	16%	16%
50 - 59 years	16%	18%	16%
60 years & +	25%	32%	25%
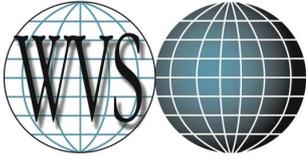
	Source: Integrated Living Conditions Survey 2018		
Years/Schooling Groups			
No Education	0%	0%	0%
Primary/secondary school[1]	78%	70%	70%
Incomplete/Complete university-level education[2]	22%	30%	30%
	Source: Statistical Committee of the RA		
Other characteristics Please specify			
Urban	27%	27%	27%
Rural	36%	36%	36%
Capital	37%	36%	37%

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[1] Including "Primary education", "Lower secondary education", "Upper secondary education", "Post-secondary non-tertiary education", "Short-cycle tertiary education".

[2] Including "Bachelor or equivalent", "Master or equivalent", "Doctoral or equivalent".