SURVEY METHODOLOGY REPORT

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

Country:	Ukraine
Organization:	SO "Institute for Economics and Forecasting, National Academy of Sciences of Ukraine"
Principal Investigator:	Olga Balakireva
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SECTION 1: THE QUESTIONNAIRE

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

No | + |

Yes (PLEASE WRITE IN QUESTION AND/OR ITEMNUMBERS BELOW)

_____

_____

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 | |

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 | + |

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

WRITE IN BELOW :

Q73.1	Verhovna Rada of Ukraine (Parlament)
Q73.2	President of Ukraine
Q151	Would you be willing to fight for your country?
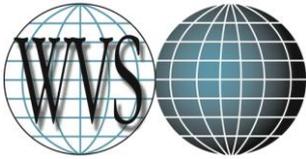
EVERYONE PLEASE ANSWER

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**
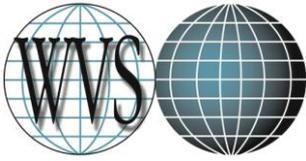
IF NOT DESIGNED TO BE REPRESENTATIVE

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

Excluded (PLEASE SPECIFY):

Excluding institutional populations, e.g. militaries, prisoners etc.

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 **+**

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

PLEASE WRITE IN:

Representative nationwide stratified random sample was designed.

Sample allowed to cover the whole territory of the country, excluding uncontrolled by Ukrainian government territories of Donetsk and Luhansk oblasts and Autonomous Republic of Crimea. Territories not controlled by the Government of Ukraine are defined in the DECREE OF THE PRESIDENT OF UKRAINE №32 / 2019 (dated February 2, 2019) "On the boundaries and list of districts, cities, towns and villages, parts of their territories temporarily occupied in Donetsk and Luhansk regions" (available at: https://www.president.gov.ua/documents/322019-26050)
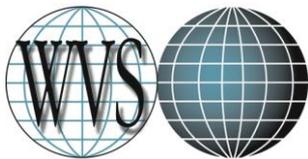
There is no registry of population or households in Ukraine. Electoral registry is suggested as the only available one for the survey implementation. The information regarding the number of electoral districts, of electoral units and the number of voters in each electoral unit, along with the description of borders of electoral districts and units (the list of settlements, districts, streets) is publicly available. On the level of electoral units, the information regarding the voters' addresses (settlement / street / house / apartment) is not publicly available.

In spite of absence of rigid information regarding all the households or individuals in the general population, it is impossible to apply the simple probability selection approach. Assuming this, the **multistage stratified sampling approach with random selection on each stage**:

Stage 1 – Primary Sampling Units (PSU) – clusters
Stage 2 – Secondary Sampling Units (SSU) - electoral units inside of the selected PSUs
Stage 3 – households' selection within each SSU
Stage 4 – participant selection

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

No clusters ☐

WRITE IN: 1 7 1

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

Address ⊞ ⟶ **ANSWER**

Household ☐ ⟶ **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:

The selection of respondent was random and selected respondent was the person with the closest birthday to the day of survey. If the participant was not at home, interviewer made 3 visits to the household in order to reach the respondent.
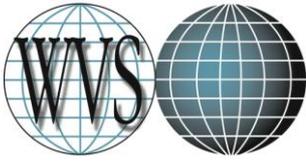
15. Were there <u>any</u> quota-controls on the type of individual selected to take part in the survey (for example, age or sex controls)?

Yes   ☐ ⟶ **ANSWER**

No   **+** ⟶ **GO TO 17**

IF QUOTA CONTROLS

16. In what way were quota controls used?

PLEASE WRITE IN:

EVERYONE PLEASE ANSWER

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

Yes   **+** ⟶ **ANSWER**

No   ☐ ⟶ **GO TO 19**

IF 'YES'

18. In what way was substitution permitted?

PLEASE WRITE IN:

If a household was not a residential house / apartment, but was a non-residential premises (post office, shop, hospital, school in rural areas / notary, hairdresser or any business company in urban areas), then this information was passed to the fieldwork coordination team; then the field coordination team replaced the address of non-residential premises with reserved address (from 4 preliminary randomly selected addresses).

In case if household was not eligible (there was an office/shop/salon/ etc instead of the apartment; the address/street did not exist; no one lived at the address because of the owner's death; non-residential, abandoned building; building under construction; owners reside at a different address etc.) the address was replaced.

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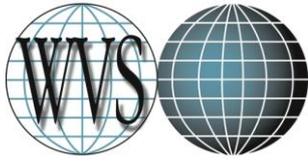
19. Did you use any stratification factors when drawing your sample?

Yes   **+** ⟶ **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:

Stage 1

Ukraine (cities and villages) was stratified according to the criteria - regional affiliation and size of the settlement.

For proportional regional distribution, it was proposed to group the regions into 7 macro-regions and consider the city of Kyiv as a separate unit. In total, there were 8 macro-regions.

In each of the macro-regions, settlements were grouped by size, by characteristics: villages, small settlements with a population of up to 100 thousand people; settlements with a population of 100 to 250 thousand people; from 250 to 500 thousand; from 500 thousand to 1 million, more than 1 million people.

There were no separate clusters, due to the structures of settlements in different areas.

In total, Ukraine was represented by 32 clusters in the territorial and spatial dimension.

Stage 2

At this stage, the list of all the electoral units in all 32 clusters was created.

The so-called "closed" (institutional) electoral units, which were located in prisons, ships, military units, and hospitals, where it was not possible to conduct a survey, were removed from the list of electoral units.

Every electoral unit in the list had its unique ID number.

The selection of the required number of polling stations in each cluster was implemented as a simple random selection from the list.

Stage 3

In spite of absence of database of households' addresses (street / house number / apartment number), the following mechanism was used for random selection of households within SSU (electoral units)

There was created a list of all households addresses for each polling station according to available data (Ukrainian national post service). 10 households addresses were selected randomly from the created list.

If the case of addresses which could not be traced at all, this household addresses were replaced (with the random selection).

Stage 4

The selection of respondent is random and selected respondent is the person with the closest birthday date to the day of survey.

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:
>
> Planned response rate – 70%
>
> Actual response rate – 72,3%

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	1	8	4	4
- addresses which could not be traced at all		2	4	5
- addresses established as empty, demolished or containing no private dwelli			3	8
- selected respondent too sick/incapacitated to participate				0
- selected respondent away during survey period				0
- selected respondent had inadequate understanding of language of survey				0
- no contact at selected address			8	2
- no contact with selected person				6
- refusal at selected address			7	7
- proxy refusal (on behalf of selected respondent)			2	6
- personal refusal by selected respondent			3	7
- other type of unproductive (please write in full details in the box below)				0
- full productive interview	1	2	8	9
- partial productive interview			4	4

IF 'OTHER' CATEGORY USED

23. Please specify
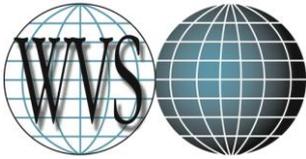
SECTION 3: FIELDWORK

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

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 [+]

    No [ ]

b. Which, if any, of these rules governed how an interviewer

    approached an address/household?

    PLEASE TICK THOSE THAT APPLY

    Calls must be made at different times of day [+]

    Calls must be made on different days of week [+]

    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 [3]

    No minimum re-call requirement [ ]

d. Were any interviews supervised?

    Yes - please write in approximate proportion [3] [0] %

    No [ ]

e. Were any interviews back-checked?

    Yes - please write in approximate proportion [0] [2] %

    No [ ]
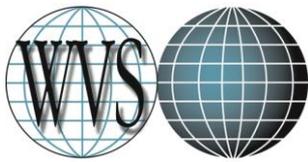
EVERYONE PLEASE ANSWER

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

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

End date | 1 | 7 || 0 | 8 || 2 | 0 |

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

LLC Info Sapiens and NGO "Social Monitoring Center"

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.

Weighting needed as the response rate variate across the regions and type of settlements.

The weighting coefficient gives the proportions of 32 strata with statistical proportionality, since the response rate in different strata and localities varied.

Variable '*wt_claster*' included into data set.
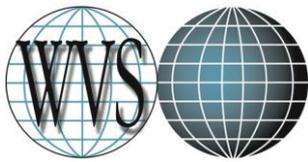
Table. Calculation for weighting coefficient based on the clusters structure.

CLUSTERS	1 West 1	2 West 2	3 Kiyv	4 South	5 North	6 East 1	7 East 2	8 Centre	Proportion in the collected dataset, %	Proportion in according to statistics data,%	WT coefficient
1 cls_W1_#01_1+	1,7%								1,7	1,9	1,11765
2 cls_W1_#2_100+	1,0%								1,0	1,4	1,40000
3 cls_W1_#03_100-	5,0%								4,7	4,6	0,97872
4 cls_W1_#4_w	7,5%								7,5	7,4	0,98667
5 cls_W2_#5_250+		1,2%							1,2	1,4	1,16667
6 cls_W2_#6_100+		1,1%							1,2	1,4	1,16667
7 cls_W2_#7_100-		2,8%							2,7	2,6	0,96296
8 cls_W2_#8_w		6,2%							5,9	5,6	0,94915
9 cls_K _#09_1+			9,2%						9,5	7,4	0,77895
10 cls_S _#10_1+				1,5%					1,4	2,7	1,92857
11 cls_S _#11_250+				2,3%					2,3	2,1	0,91304
12 cls_S _#12_100-				2,3%					2,4	3,1	1,29167
13 cls_S _#13_w				3,5%					3,6	3,9	1,08333
14 cls_N_#14_250+					1,7%				1,7	1,5	0,88235
15 cls_N _#15_100+					0,6%				0,6	0,5	0,83333
16 cls_N _#16_100-					3,9%				4,0	4,4	1,10000
17 cls_N_#17_w					4,4%				4,5	4,0	0,88889
18 cls_E1_#18_1+						6,5%			6,7	6,5	0,97015
19 cls_E1_#19_500+						1,7%			1,8	1,7	0,94444
20 cls_E1_#20_250+						1,5%			0,5	0,7	1,40000
21 cls_E1_#21_100+						1,1%			1,0	1,2	1,20000
22 cls_E1_#22_100-						5,1%			5,0	4,9	0,98000

23 cls_E1_#23_w						3,2%		3,3	3,7	1,12121
24 cls_E2_#24_500+						1,7%		1,8	2,0	1,11111
25 cls_E2_#25_250+						1,5%		1,6	1,2	0,75000
26 cls_E2_#26_100+						1,7%		1,7	2,0	1,17647
27 cls_E2_#27_100-						4,1%		4,1	3,6	0,87805
28 cls_E2_#28_w						2,2%		2,2	2,6	1,18182
29 cls_C _#29_250+							2,1%	2,2	2,5	1,13636
30 cls_C _#30_100+							1,3%	1,3	1,2	0,92308
31 cls_C _#31_100-							4,5%	4,5	4,2	0,93333
32 cls_C _#32_w							6,2%	6,1	5,9	0,96721

## 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: **State Statistics Service**	Unweighted data	Weighted data
Gender			
Female	**18735,7 th (54,8%)**	59,3	59,2
Male	**15463,2 th (45,2%)**	40,7	40,8
Age Groups			

18 - 29 years	**5546,1 (16,2%)**	14,7	14,6
30 - 39 years	**6918,3 (20,2%)**	21,0	20,7
40 - 49 years	**6033,3 (17,6%)**	20,5	20,8
50 - 59 years	**5722,9 (16,7%)**	16,1	16,1
60 years & +	**9978,2 (29,2%)**	27,8	27,8
Years/Schooling Groups	**Among population aged 17+**		
No Education	**0,6%**	0,5	0,5
Primary/secondary school	**60,9%**	48,9	49,0
Incomplete/Complete university-level education	**38,5%**	50,6	50,5
	http://2001.ukrcensus.gov. ua/rus/results/education_po pulation/education_1/select _3?box=3.1W&rz=1_1&rz _b=2_1&k_t=00&botton=c ens_db		
Other characteristics Please specify			
Urban	**23883,9 thous. (69,8%)**	66,6	66,7
Rural	**10314,9 thous. (30,2%)**	33,4	33,3
TOTAL	**34198,8 thous. – 100%**		