

2025 MSNA IN UKRAINE – METHODOLOGICAL OVERVIEW TO THE CONTEXTUALIZED COMPOSITE INDICATOR ANALYSIS (CCIA)

Last Update: December 2025

Objective of the methodological overview

The **Contextualized Composite Indicator Analysis (CCIA) Methodological Overview** is part of the **2025 Multi-Sector Needs Assessment (MSNA) analysis** toolkit in Ukraine. It provides external stakeholders and REACH partners across Ukraine with a clear and concise explanation of the methodology behind key 2025 MSNA outputs.

The methodological overview includes the following components:

- *Overview of the 2025 MSNA methodology in Ukraine, including the scope and coverage of the assessment, secondary data sources, ethical considerations, and limitations.*
- *Analysis of the Sectoral Composites, including description of the CCIA framework used to construct the sectoral composite indicators;*
- *Annexes, containing further details on the indicators and severity levels used for the CCIA Framework, the estimation of the overall severity of needs and list of partners that participated to the research cycle.*

About REACH

REACH facilitates the development of information tools and products that enhance the capacity of aid actors to make evidence-based decisions in emergency, recovery and development contexts. The methodologies used by REACH include primary data collection and in-depth analysis, and all activities are conducted through inter-agency aid coordination mechanisms. REACH is a joint initiative of IMPACT Initiatives, ACTED and the United Nations Institute for Training and Research - Operational Satellite Applications Programme (UNITAR-UNOSAT). For more information, please visit <https://www.impact-initiatives.org/>.

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List of Acronyms

| | |
|----------------|--|
| AoR: | Areas of Responsibility |
| CARI: | Consolidated Approach to Reporting Indicators of Food Security |
| CATI: | Computer-Assisted Telephone Interviews |
| CFM: | Complaints and Feedback Mechanism |
| DCG: | Data Coordination Group |
| DTM: | Displacement Tracking Matrix |
| ECMEN: | Economic Capacity to Meet Essential Needs |
| FCS: | Food Consumption Score |
| HCT: | Humanitarian Country Team |
| HLP: | Housing, Land and Property |
| HNRP: | Humanitarian Needs and Response Plan |
| ICCG: | Inter-Cluster Coordination Group |
| IDP: | Internally Displaced Persons |
| JMMI: | Joint Market Monitoring Initiative |
| KIIS: | Kyiv International Institute for Sociology |
| LCS-FS: | Livelihoods Coping Strategies for Food Security |
| MoE: | Margin of Error |
| MoSP: | Ministry of Social Policy |
| NFI: | Non-Food items |
| OCHA: | United Nations Office for the coordination of Humanitarian Affairs |
| PiN: | People-in-Need |
| rCSI: | Reduced Coping Strategy Index |
| RDD: | Random digit dialing |
| SNFI: | Shelter and Non-Food items |
| UNFPA: | United Nations Population Fund |
| WASH: | Water, Sanitation, and Hygiene |
| WGSS: | Washington Group Short Set |

Geographical Classifications

| | |
|-------------------------|--|
| Macroregion | <i>The MSNA defines five macroregions (North, East, South, West and Center), each comprised of multiple oblasts.</i> |
| Oblast | <i>Admin-level 1. Oblasts are the largest subnational administrative group in Ukraine. There are 24 oblasts, each comprising multiple raions.</i> |
| Raion | <i>Admin-level 2. There are 136 raions, each comprising multiple hromadas.</i> |
| Hromada | <i>Admin-level 3. Each hromada comprises multiple settlements.</i> |
| Settlement | <i>Admin-level 4. Considered to be a village, town or city. A village or town is categorized as rural, and a city is categorized as urban.</i> |
| Frontline oblast | <i>Refer to oblasts that are directly adjacent to the front line and/or bordering the Russian Federation: Chernihivska, Dnipropetrovska, Donetska, Kharkivska, Khersonska, Mykolaivska, Odeska, Sumska, Zaporizka oblasts.</i> |

| | |
|-----------------------------|---|
| Non-frontline oblast | <i>Refer to the oblasts that are situated further away from the frontline or the Ukraine-Russia border.</i> |
| Oblast center | <i>Oblast centers refer to the administrative capital or main city of an oblast. They typically serve as the political, economic, and administrative hub of the oblast, hosting regional government institutions and offering a concentration of services, infrastructure, and population compared to other areas within the same oblast.</i> |

OVERVIEW OF THE ASSESSMENT METHODOLOGY

General and specific objectives and research questions

General and specific objectives

1. *To assess the needs of households in Ukraine across key humanitarian sectors, including shelter and non-food items (SNFI), water, sanitation, and hygiene (WASH), food security, education, health, livelihoods, and protection.*
2. *To analyze variations in the prevalence and severity of humanitarian needs among different demographic groups across the surveyed areas, highlighting socio-demographic and displacement-specific vulnerabilities.*
3. *To identify geographic variations in the prevalence and severity of needs across sectors, identifying oblasts and front-line/border regions where needs are most acute to inform targeted humanitarian interventions.*
4. *To identify the main drivers of humanitarian needs and co-occurring needs by location and population group.*
5. *To gather data on accountability to affected populations, including aid preferences, satisfaction levels, information access, and challenges with voicing feedback.*
6. *To provide analytical outputs to inform sectoral People-in-Need (PiN) and severity calculations, and strategic planning for the 2026 Ukraine HNRP.*
7. *To strengthen the evidence base to support the strategic priorities of the re-prioritized 2025 HNRP, including identifying the most vulnerable households close to the front line and the most vulnerable among the internally displaced persons (IDPs).*

Research questions

1. *What are the unmet essential needs of households related to SNFI, WASH, food security, education, health, livelihoods, and protection?*
2. *What is the variation in the prevalence and severity of humanitarian needs among different household demographics and displacement groups across the surveyed area?*
3. *What are the geographic differences in the prevalence and severity of needs in each sector between the assessed regions and in front-line/border areas?*
4. *What are the affected populations' preferences for aid types and modalities, their satisfaction with humanitarian assistance, and challenges with aid information and voicing feedback?*

Scope and coverage of the assessment

The 2025 MSNA utilized a quantitative methodology to gather household-level data through randomized Computer-Assisted Telephone Interview (CATI) surveys. REACH subcontracted data collection to the Kyiv International Institute of Sociology (KIIS), representing a trusted partner of REACH who had supported data collection for several REACH's research cycles, including the 2024 and 2023 MSNAs. Given time constraints, the 2025 MSNA also relied on internal REACH enumerators during the latter half of data collection to ensure that the required sample was met. REACH enumerators also followed the same methodological approach. The 2025 MSNA adopted stratified random sampling, gathering 2,813 household-level CATI interviews across 18 strata, from July to August 2025.

Groups of population and sampling strategy

The 2025 MSNA collected representative data on the general population residing across the whole of Ukraine, excluding households living in settlements not under the control of the Government of Ukraine at the time of data collection. The MSNA did not involve stratification by demographic groups. However, the MSNA results were disaggregated by key demographic and displacement characteristics during the analysis stage albeit these findings are indicative only.

Table 1: Defining population groups

| | |
|---------------------------|--|
| Household | <i>A small group of persons who share the same living accommodation, who pool some, or all, of their income and wealth and who consume certain types of goods and services collectively, mainly housing and food.</i> |
| Head of Household | <i>A person who makes decisions on behalf of the entire household. Respondents can select up to two heads of households. The MSNA interviews respondents who either 1) report serving as the head of household or 2) report they are able to answer on behalf of the head(s) of household.</i> |
| Household member | <i>Those who are currently present in the household. Family members who are temporarily absent (for more than 6 months), including children and conscripted members, were not included in the household description.</i> |
| General population | <i>This refers to all individuals/households residing in Ukraine without reference to any specific characteristic.</i> |

The 2025 MSNA adopted a probability-sampling methodology, utilizing stratified random sampling and geographic stratifications. The sampling approach was defined to provide more granular data along frontline and border regions of Ukraine in alignment with Ukraine's re-prioritized Humanitarian Needs and Response Plan (HNRP), while ensuring needs assessment in non-frontline oblasts in the West, Center, and North macroregions. In total, 18 strata were defined.

Households living in frontline oblasts (i.e., oblasts abutting the front line and/or border with the Russian Federation, referring to Chernihivska, Dnipropetrovska, Donetsk, Kharkivska, Khersonska, Mykolaivska, Odeska, Sumska, Zaporizka oblasts) were stratified into two groups:

- *Areas located within 50 kilometers from the front line or border with the Russian Federation.*
- *Areas located beyond 50 kilometers from the front line or border with the Russian Federation.*

In Odeska, Zaporizka, Donetsk, and Khersonska oblasts, stratification was applied at the oblast level, as only a few settlements in Odeska fall within the 50-kilometer zone, while the non-occupied areas of Zaporizka, Donetsk, and Khersonska were located almost entirely within 50 kilometers of the front line.

Households in non-frontline oblasts were stratified into three macroregions:

- *North macroregion, including Zhytomyrska and Kyivska Oblasts, excluding Kyiv city.*
- *West macroregion, including Zakarpatska, Ivano-Frankivska, Chernivetska, Ternopilska, Lvivska, Khmelnytska, Rivnenska and Volynska Oblasts*
- *Centre macroregion, including Vinnytska, Cherkaska, Kirovohradska, and Poltavska Oblasts.*

Additionally, Kyiv city was treated as a separate stratum due to its population size and unique socio-demographic characteristics.

For the definition of the strata and the identification of the 50 kilometers zone, REACH utilized front line data updated as of 2 July 2025.

While the initial sampling approach envisioned the definition of 24 sampling strata, REACH changed the sampling approach during data collection, given issues in meeting the pre-defined number of surveys. Initially, the sampling approach included the separate sampling of six oblast centers: Sumy, Kharkiv, Kramatorsk, Zaporizhzhia, Kherson, and Mykolaiv. The separation of the oblast centers was meant to ensure that the 50-kilometer zone was representative of the need of the majority of the population living there, rather than being disproportionately influenced by large urban centers which are more likely to be disproportionately sampled in simple random sampling, such as that achieved through random digit dialing (RDD), than two-stage random (cluster) sampling. However, delays in reaching the sampling quota across different strata in the timing available for data collection led REACH to combined strata, reducing the total amount to 18 units.

Map 1: Sampling approach



The sampling approach was representative at least at the 95% confidence level with a $\pm 9\%$ margin of error. More details on data representativeness for each strata are as follows:

Table 2: Sampling summary table

| Stratum | Type of sampling | Confidence level | Margin of error | Sample size |
|---|----------------------------|------------------|-----------------|-------------|
| Center macroregion | Stratified random sampling | 95 | 8 | 161 |
| Chernihivska oblast - settlements within 0–50 km from front line/border | Stratified random sampling | 95 | 9 | 125 |
| Chernihivska oblast - settlements beyond 50 km from front line/border | Stratified random sampling | 95 | 9 | 132 |
| Dnipropetrovska oblast - settlements within 0-50 km from front line/border | Stratified random sampling | 95 | 8 | 162 |
| Dnipropetrovska oblast - settlements beyond 50 km from front line/border | Stratified random sampling | 95 | 9 | 140 |

| | | | | |
|---|----------------------------|----|---|-----|
| Donetska oblast | Stratified random sampling | 95 | 8 | 155 |
| Kharkivska oblast - settlements within 0-50 km from front line/border | Stratified random sampling | 95 | 6 | 287 |
| Kharkivska oblast - settlements beyond 50 km from front line/border | Stratified random sampling | 95 | 9 | 131 |
| Khersonska oblast | Stratified random sampling | 95 | 9 | 129 |
| Kyiv city | Stratified random sampling | 95 | 9 | 129 |
| Mykolaivska oblast - settlements within 0-50 km from front line/border | Stratified random sampling | 95 | 8 | 170 |
| Mykolaivska oblast - settlements beyond 50 km from front line/border | Stratified random sampling | 95 | 9 | 132 |
| Kharkivska oblast - settlements beyond 50 km from front line/border | Stratified random sampling | 95 | 8 | 169 |
| Odeska oblast | Stratified random sampling | 95 | 9 | 129 |
| Sumska oblast - settlements within 0-50 km from front line/border | Stratified random sampling | 95 | 7 | 203 |
| Sumska oblast - settlements beyond 50 km from front line/border | Stratified random sampling | 95 | 9 | 137 |
| West macroregion | Stratified random sampling | 95 | 8 | 164 |
| Zaporizka oblast | Stratified random sampling | 95 | 8 | 158 |

Data collection and geographical coverage

Quantitative data collection took place between 22nd July 2025 and 18th August 2025 and covered a total of 2,813 households. Households were interviewed through structured, 60-minute interviews, covering key humanitarian sectors activated in Ukraine (i.e., SNFI, WASH, Food Security and Livelihoods, Protection, Education, Health) and key working groups (i.e., Cash Working Group, Accountability to Affected Population Working Group) active in the Ukraine response.

Surveys were conducted remotely by enumerators contracted by KIIS. A random sample of households was generated within each stratum using RDD. KIIS enumerators randomly dialed phone numbers until the target sample size for each oblast was reached. For each mobile operator, phone numbers were randomly generated. Enumerators read questions displayed in Kobo on an electronic device during the phone call and entered respondents' answers directly into the system. Given time constraints, the 2025 MSNA also relied on internal REACH enumerators during the latter half of data collection to ensure that the required sample was met. REACH enumerators also followed the same methodological approach.

The 2025 MSNA achieved country-wide coverage, with the exception of households located in settlements not under the control of the Government of Ukraine

Secondary data sources

| Source | Relevance | Usage |
|---|---|---|
| IMPACT 2025 MSNA Indicator Bank (available upon request) | The MSNA Indicator Bank constitutes IMPACT Initiatives guidance on core MSNA sectoral indicators | To inform the questionnaire's indicators and design. |
| REACH Ukraine 2024 MSNA Data Analysis Plan | The Data Analysis Plan lists the indicators measured through the 2024 MSNA. | To inform the methodology and questionnaire design for the 2025 MSNA. |
| 2024 REACH Ukraine Multi-Sector Needs Assessment – General Population Dataset | The General Population Dataset gathers the data collected through the 2024 MSNA on the general population of Ukraine. | Where possible, to conduct comparative and trend analysis between MSNA rounds. |
| 2024 REACH Ukraine MSNA General Population Frequency Tables at National level 2024 REACH Ukraine MSNA General Population Frequency tables at Macroregion level 2024 REACH Ukraine MSNA General Population Frequency tables at Oblast level 2024 REACH Ukraine MSNA General Population Frequency Tables at Strata level | The MSNA frequency tables show the results of the analysis of core MSNA indicators across multiple sectors: Displacement, Education, Food Security, Livelihoods, Health, Protection, SNFI, WASH, and Accountability to Affected Populations. The frequency tables are available at four different geographical levels: National, Macroregion, Oblast, and Strata. | To provide contextual data on general populations' multi-sectoral needs, triangulate and compare findings between MSNA rounds. |
| 2024 REACH Ukraine Multi-Sector Needs Assessment – Displacement Dataset | The Displacement Dataset gathers the data collected through the 2024 MSNA on IDP and returnee households of Ukraine. | To provide contextual data on displaced groups' multi-sectoral needs, enable an understanding of vulnerability for IDP households countrywide, as well as in non-frontline oblasts. |
| 2024 REACH Ukraine MSNA Displacement Frequency Tables at National level 2024 REACH Ukraine MSNA Displacement Frequency tables at Macroregion level | The Displacement Frequency Tables focus on data collected on IDP and returnee households across Ukraine. The tables provide essential insights into the needs and conditions of displaced populations, contributing to a deeper understanding of displacement-related challenges. | To provide contextual data on displaced groups' multi-sectoral needs, enable an understanding of vulnerability for IDP households countrywide, as well as in non-frontline oblasts. |

| | | |
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| 2024 REACH Ukraine MSNA Displacement Frequency tables at Oblast level | The frequency tables are available at three different geographical levels— National, Macroregional, and Oblast. | |
| 2024-2025 REACH Ukraine Humanitarian Situation Monitoring (HSM) | Provides detailed information on humanitarian needs and service access in conflict-affected and IDP-hosting settlements in Ukraine | Inform assessment methodology, including questionnaire and sampling design, verify/triangulate primary data and findings and try to compare trends over time |
| 2024-2025 REACH Ukraine Calibration Assessment Round 3 | The report presents the results of the Calibration Assessment Round 3, providing an update on multisectoral needs as of January 2025 | To inform analysis, emerging trends, seasonal drivers of vulnerability and needs across sectors in 2025. |
| 2024-2025 REACH Ukraine Joint Market Monitoring Initiative (JMMI) | JMMI reports track prices and availability of commodities, market dynamics in Ukraine, and inform cash-based humanitarian responses. | To facilitate context analysis and triangulate primary data collected by different research cycles. |
| 2025 Ukraine Humanitarian Needs and Response Plan (HNRP) 2025 Re-Prioritization of the Ukraine 2025 Humanitarian Needs and Response Plan (April 2025) | <p>The 2025 HNRP provides an overview of the impact of the war on the people of Ukraine, the most pressing humanitarian needs, the estimated number of people who need assistance. It outlines the strategy to ensure adequate and timely humanitarian response.</p> <p>The Re-Prioritized HNRP highlights changes in targeted beneficiaries following the US funding freeze and the new priorities of humanitarian response in Ukraine.</p> | Aid understanding of the context, informs assessment methodology, including questionnaire and sampling design. |
| 2025 OCHA Ukraine Situation Reports | Compilation of latest information concerning the humanitarian situation in Ukraine | To enhance understanding of the context and key definitions, corroborate primary data, and validate findings through triangulation |
| 2025 IOM Displacement Tracking Matrix (DTM) | Tracks displacement trends and provides information on conflict-affected displaced groups in Ukraine. | Aid understanding of the context, specifically in relation to displacement. |
| 2025 Ukraine UNFPA Subnational Population Statistics | Restricted dataset on population statistics by geographic and demographic groups. | To generate survey weights for the MSNA dataset. |
| REACH Ukraine UNHCR Ukraine Quarterly Operational Updates UNICEF Ukraine Situation Reports | Compilation of latest information products from UN Agencies and INGOs on the humanitarian situation in Ukraine | To enhance understanding of the context and key definitions, corroborate primary data, and |

| | | |
|---|--|--|
| WFP Ukraine Situation Reports ACAPS Ukraine Special Reports | | validate findings through triangulation |
| Cluster reports | Compilation of Clusters and NGO partners' reports on sectoral and localized needs. | To triangulate primary data and findings on sectoral and localized needs. |
| 2025 United Nations Fund for Population Activities (UNFPA) Population estimates | Data on demographics. | Inform sampling design. |
| UNHCR, Ukraine Refugee Situation – Operational Data Portal (October 2025) | Overview of the refugee situation (2025). | Aid understanding of the context, specifically in relation to refugee situation. |
| IOM Displacement Tracking Matrix (DTM) Internal Displacement Reports Ukraine | Displacement Tracking Matrix (DTM) on Internal Displacement in Ukraine tracks displacement trends. | Aid understanding of the context, specifically in relation to displacement. |
| IOM Ukraine: General Population Survey - Round 21 – Internal Displacement Report (October 2025) | Internal Displacement Report (IOM estimation of displacement in Ukraine 2025). | |

Ethical considerations and limitations

Ethical considerations

Several steps were taken throughout the research cycle to uphold the “Do No Harm” principle. Informed consent was sought from all respondents prior to participation, and the survey was designed to be of reasonable length (approximately one hour) to minimise respondent burden while ensuring accurate and respectful reporting of information.

The 2025 MSNA did not expose enumerators to direct security threats, given the remote modality of data collection.

The questionnaire included potentially sensitive topics, such as household vulnerability, income, disability, healthcare needs, exposure to conflict, and the main safety and security incidents affecting households. To mitigate potential distress or discomfort, questions were carefully phrased, response options included the possibility to refuse to answer, and enumerators were trained on how to approach sensitive topics during interviews. In addition, enumerators received training on referral and reporting mechanisms and on the use of a dedicated Kobo tool to record referrals and reports. Referrals collected were shared with the ACTED Accountability Team to assess response operationalisation. Reports were recorded by IMPACT internally. Further information on the process, as well as the tool used to implement reports and referrals is available upon request.

Respondents were asked to provide a telephone for potential follow-up interviews. Respondents were clearly informed about how their contact information would be used and stored, and telephone numbers were collected only with explicit consent. All personally identifiable information was managed in accordance with IMPACT standard operating procedures. Furthermore, the assessment avoided the

collection of sensitive political or ideological information that could place respondents or their communities at risk.

The 2025 MSNA did not involve data collection with minors. While vulnerable groups were not purposefully sampled as part of this assessment, heads of households or interviewed household members may have represented at-risk groups. Respondents had the right to refuse participation in the interview or to decline to answer specific questions.

During data processing, the privacy and anonymity of both respondents and enumerators were ensured by minimising the collection of personally identifiable information and by strictly adhering to IMPACT standard operating procedures for the management of such data.

Limitations and challenges

The 2025 MSNA faced several limitations related to its data collection modality and sampling strategy. CATI are not well suited for lengthy questionnaires, as the lack of visual interaction with enumerators may contribute to respondent fatigue, higher non-response rates, and incomplete interviews. As a result, data collection was affected by attrition, with some respondents discontinuing interviews before completion.

In addition, CATI may be less effective for certain questionnaire modules, particularly those covering Protection and Cash and Market topics, where respondents may be more reluctant to share information on security conditions, risks, or data on incomes over the phone. In the analysis of Protection indicators.

A further key limitation concerned adjustments to the sampling approach. In response to operational challenges faced by KIIS in completing data collection across the 24 strata initially defined within the planned timeframe, the sampling design was revised, resulting in a reduced number of strata and an increased margin of error. This adjustment limited the availability of representative data for the 0–50 km frontline strata and for oblast centres. To mitigate this limitation, the MSNA team provided targeted training and capacity strengthening to HNRP stakeholders on the interpretation and representativeness of MSNA results, and introduced calculation formulas to approximate results for these priority areas.

As the sampling design included stratification by geographic strata, findings disaggregated by demographic and displacement status should be interpreted as indicative. Due to funding constraints, no dedicated sample of IDP households was drawn. These methodological caveats were clearly communicated during the dissemination of the MSNA findings and associated outputs.

CONTEXUALIZED COMPOSITE INDICATOR ANALYSIS

For details regarding the indicators and thresholds used in this analysis, please refer to Annex 2.

The **Contextualized Composite Indicator Analysis (CCIA) framework** was developed by REACH Ukraine in August 2025 in consultation with Humanitarian Clusters, Working Groups, and Areas of Responsibility (AoR) in Ukraine. It is a Ukraine-specific framework that measures the magnitude and complexity of humanitarian needs across sectors and dimensions driving needs.

The CCIA was developed outside of IMPACT Initiatives' Multi-Sector Needs Index (MSNI) methodology to better inform in-country planning and prioritisation. The MSNI is a globally endorsed, standardised severity framework to assess and compare severity of humanitarian needs according to global standards. The CCIA incorporated additional indicators and vulnerability dimensions tailored to how the response in Ukraine is planned and implemented and to account for the specifics of how humanitarian need embodies itself in a middle-income country with harsh winters.

Needs were analyzed in the Education, Food Security, Health, Livelihoods, Protection, SNFI, and WASH sectors. The CCIA categorized each household based on the severity of its needs into five categories: None / minimal (1), Stress (2), Severe (3), Extreme (4) and Extreme (4+). The different levels of severity can be broadly defined as follows:

- *Very extreme (4+): Indications of total collapse of living standards, with potentially immediately life-threatening outcomes (increased risk of mortality and / or irreversible harm to physical or mental well-being).*
- *Extreme (4): Collapse of living standards. (Risk of) significant harm to physical or mental well-being.*
- *Severe (3): Degrading living standards, with reduced access to / availability of basic goods and services. (Risk of) degrading physical or mental well-being.*
- *Stress (2): Living standards are under stress. Minimal (risk of) impact on physical or mental well-being / stressed physical or mental well-being overall.*
- *Minimal (1): Living standards are acceptable, at a maximum showing some signs of deterioration and / or inadequate access to basic services. No or minimal (risk of) impact on physical or mental well-being*

The "4+" score (very extreme) was used when the data indicates that the situation could be catastrophic. However, the term "catastrophic" was not used in the analysis because the data needed to establish a "catastrophic" score is mainly collected at the systems level (e.g., mortality rates or malnutrition prevalence), which was difficult to take into account in an analysis at the household or individual level.

In the CCIA, households were considered in need if they have a severity score of 3 or higher, and households in extreme need have a score of 4 and 4+. To compute severity scores, the CCIA framework aggregated indicators of interest into **key dimensions driving needs** and classified households into severity levels for each dimension. The dimensions were in turn combined to create a composite score per sector, and the sectoral severity was determined based on households' dimensional scores. A final severity score was determined for each household based on the highest sectoral severity score. The one exception is the Food Security score which follows the CARI methodology. Thus, a score of 4 means that a household has an extreme need in at least one dimension.

To avoid confusion with the MSNI, the MSNA resisted reporting on overall and sectoral need, and rather focused much of the analysis and dissemination on dimensional needs.

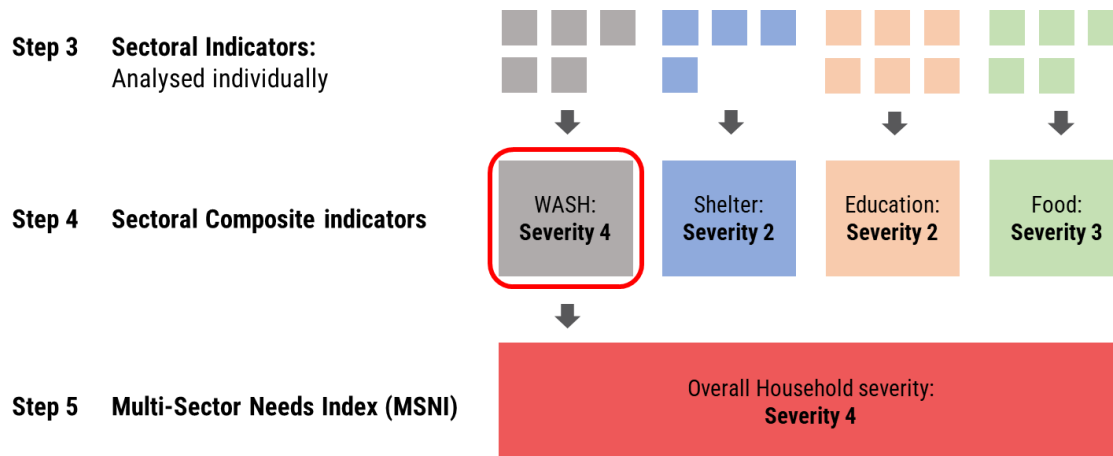
The critical dimensions analysed through the CCIA include:

- Education: dimensions included (i) school attendance and barriers to education, including children's school attendance rates and reasons for not accessing formal school, (ii) education disruption events, and (iii) the presence of a conducive environment for education.
- SNFI: dimensions included (i) shelter type, capturing proportion of householdshouseholds living in safe and dignified dwellings, (ii) shelter issues not caused by the war since 2022, (iii) shelter damage and outstanding damage caused by the war since 2022, (iv) security of tenure, (v) electricity and heating issues, (vi) proportion of households living in functional domestic space (vii) and access to essential NFIs.
- WASH: dimensions included (i) availability of sufficient quantity of drinking water, (ii) drinking water quality, (iii) issues sanitation and excreta management, (iv) ability to perform hygiene, (v) missing WASH NFIs, (vi) access to water for domestic purposes.
- Food Security : capturing Food Consumption Score (FCS), Reduced Coping Strategy Index (rCSI), Economic Capacity to Meet Essential Needs (ECMEN) and Livelihoods Coping Strategies for Food Security (LCS-FS), following to the CARI methodology.
- Livelihoods: dimensions included (i) households' income sources, (ii) utilization of livelihood coping strategies, (iii) monthly income quantity and debt.
- Health: dimensions included (i) forgone health needs, (ii) presence of household members with chronic health conditions and limited ability to get medication, (iii) travel time to the nearest medical facility.
- Protection: dimensions included (i) conflict exposure, (ii) safety and security incidents, (iii) key needs in relation to housing/property/land, (iv) ability to access legal assistance, social, or administrative services, (v) child separation.

Similarly to the MSNI, the methodology relies on a three-step aggregation process (see *Figure 1*):

- (1) *Aggregation of indicators at the dimensional level: combination of indicators of interest into dimensions driving need*
- (2) *Aggregation of dimensions at the sectoral level: Construction of Sectoral Composites, see Annex 3 for further details;*
- (3) *Aggregation of Sectoral Composites into a multi-sectoral composite result, see Annex 4 for further details.*

Figure 1: Approach for the CCIA analysis



Based on the severity scale, sectoral composite scores are calculated by aggregating indicators by sector. For details on the aggregation methodology, please refer to Annex 3.

Annex 1: Mandatory Reporting on Missing Values

| Variable/Indicator | % Missing | Relevant Limitations |
|---|-----------|---|
| Settlement's urbanity | 0% | No missing values |
| Settlements proximity to the front line or Russian border | 0% | No missing values |
| Age of the head of household | NA | This disaggregation facet was not applied, since in Ukraine it is often impossible to define a single head of household. Instead, the age composition of the household was used. |
| Education | 0% | No missing values |
| Health | 5% | The values missing for the Health Composite are mainly due to undefined answers to the Travel time indicator. |
| Protection | 7% | The values missing for the Protection Composite are mainly due to undefined answers to the Safety and security incidents indicators. |
| SNFI | 5% | The values missing for the SNFI Composite are due to undefined answers to the Shelter type and Shelter index indicators. |
| WASH | 4% | The values missing for the WASH Composite are mainly due to undefined answers to the Drinking water quality and Sanitation indicators. |
| Livelihoods | 21% | The values missing for the Livelihoods Composite are mainly due to no response to the Income Quantity questions (i.e., could not provide any income source and/or provide income quantity for all provided income sources). The values missing for the Livelihoods Composite are mainly due to no response to the Income Quantity questions (i.e., could not provide any income source and/or provide income quantity for all provided income sources). The second reason for having N/A is related to the cleaning of a part of the forms due to potential mistakes in the LCS sections. |

Annex 2: Related publications (Terms of Reference, datasets, dashboards)

All documentation and outputs related to the 2025 MSNA in Ukraine are available on the REACH Resource Center:

[MSNA 2025 Terms of Reference](#)

[MSNA 2025 General Population Dataset](#)

General population frequency tables:

National: [2025 MSNA Ukraine Frequency Tables at the National level](#)

Macroregion: [2025 MSNA Ukraine Frequency Tables at Macroregion level](#)

Frontline oblasts: [2025 MSNA Ukraine Frequency Tables at Frontline oblast level](#)

Strata level: [2025 MSNA Ukraine Frequency Tables at Strata level](#)

All REACH multi-sectoral outputs can be found [here](#).

Annex 3: Details on the indicators used for the Sectoral Composites

Livelihoods

| | | | Sectoral Composite does not indicate need | | Sectoral Composite indicates need | | |
|---|--|-------------------------------------|--|---|--|--|-------------------|
| Dimensions | Question(s) | Response options | Severity level 1 | Severity level 2 | Severity level 3 | Severity level 4 | Severity level 4+ |
| Income source | From what sources did your household receive income over the last 30 days? Was the support your household received from [family/friends in Ukraine or abroad, community members] in the past 30 days mostly regular or irregular? | List of income sources | Lowest level: regular, labour-based income | Lowest level: Regular, charity/social benefits-based income | Lowest level: Irregular, labour-based income | Lowest level: Irregular, charity/social benefits-based income OR No income | N/A |
| Income quantity and Debt | Monthly income per capita In the past year, has your household borrowed any money from a person or financial institution that you still have to pay back? For what reasons did your household borrow money? | List of reasons for borrowing money | Income above average monthly subsistence minimum, as defined by MoSP, June prices (>8,421.94 UAH) ¹ | Income below average monthly subsistence minimum, as defined by MoSP, June prices (<8,421.94 UAH) | Income below the average cost of food basket, as defined by MoSP, June prices: < 4794.13 UAH AND Did not take on debt over the last year for essential needs | Income below the average cost of food basket, as defined by MoSP, June prices: < 4794.13 UAH AND Took on debt over the last year for essential needs | N/A |
| Livelihood Coping Strategies for Essential Needs (LCS_EN) | In the past 30 days, due to a lack of resources to cover basic needs, did your household: <i>list of coping strategies</i> | List of coping strategies | No Coping | The household used at least one stress coping strategy | The household used at least one crisis coping strategy | The household used at least one emergency coping strategy | N/A |

Income sources

| Category | Choice label |
|---|---|
| Regular, labour-based income | Salaried work, including from household members serving away from the home in the military |
| | Income from own business or merchant activity (not including own production) |
| | Income from own production (agriculture, livestock, fishing, food processing, home manufacture, etc.) |
| | Income from rent |
| Regular, charity/social benefits-based income | Pension (age and prior military service) |
| | Regular government social benefits (disability pension, maternity benefits, assistance for low-income families) |
| | IDP benefits from government |

¹ [\[English translation\] Actual subsistence minimum in June 2025 prices established by MoSP, Central Committee of the Trade Union of Education and Science Workers of Ukraine](#)

| | |
|---|--|
| | Remittances (money transfers from family and friends abroad) AND Regular / Received Consistently |
| | Loans or support from family and friends in Ukraine AND Regular / Received Consistently |
| | Loans, support, or charitable donations from community members (not including humanitarian aid) AND Regular / Received Consistently |
| Irregular, labour-based income | Informal/unofficial labour (including casual employment) |
| | Other (specify) |
| Irregular, charity/social benefits-based income | Humanitarian aid (cash payment) |
| | One-off government assistance (e-Recovery, one-time compensation for family of defenders) |
| | Remittances (money transfers from family and friends abroad) AND Irregular / Received occasionally or unexpectedly |
| | Loans or support from family and friends in Ukraine AND Irregular / Received occasionally or unexpectedly |
| | Loans, support, or charitable donations from community members (not including humanitarian aid) AND Irregular / Received occasionally or unexpectedly |
| No Income | My household did not receive any monetary income over the last 4 weeks |
| Undefined | Do not know |
| | Prefer not to answer |

Reasons for taking debt

| Category | Choice label |
|---------------------|---|
| Essential needs | Education expenses for your household |
| | Health / Medical expenses for your household |
| | Urgent travel related to displacement for your household |
| | Domestic consumption (food, utilities, etc) for your household |
| | Shelter repair for your household |
| | Replacing possessions of your household that were destroyed/left behind due to the war |
| | Obtaining/replacing official documents for your household |
| | Repayment of other debts of your household |
| Non-essential needs | Holiday / Travel for your household |
| | Investment in business (capital or assets) belonging to a household member |
| | Property / Mortgage belonging to a household member |
| | Domestic assets (appliances, household repairs, and repair facilities) for your household |
| | For another household's needs |
| | Other (specify) |
| | Do not know |
| | Prefer not to answer |

Livelihood Coping Strategies

| Category | Choice label |
|----------|---|
| level 2 | Sell household assets/goods (furniture/household appliances (e.g. TV, radio, washing machine, etc.) smart phone/jewellery,...)? |
| level 2 | Spend savings or consumed stocks for a rainy day? |
| level 2 | Purchase food on credit or borrowed food? |
| level 2 | Get an additional job? |
| level 3 | Sell productive assets or means of transport (e.g. sewing machine, bicycle, car, etc.)? |
| level 3 | Reduce essential health expenditures (including drugs, etc.)? |
| level 3 | Send one or more household members to live elsewhere due to a lack of money? |
| level 4 | Sell housing or land? |
| level 4 | Use degrading sources of income, illegal work, or high risk jobs? |
| level 4 | Have to ask strangers for money? |

Food Security

| | | | Sectoral Composite does not indicate need | | Sectoral Composite indicates need | | |
|--------------|---|------------------|---|------------------------|-----------------------------------|------------------------|-------------------|
| Dimensions | Indicators | Response options | Severity level 1 | Severity level 2 | Severity level 3 | Severity level 4 | Severity level 4+ |
| CARI Console | Food Consumption Score Reduced Consumption-Based Coping Strategy Index Economic Capacity to Meet Essential Needs Livelihood Coping Strategy - Food Security (LCS_EN) | | Food Secure | Marginally Food Secure | Moderately Food Insecure | Severely Food Insecure | N/A |

Protection

| | | | Sectoral Composite does not indicate need | | Sectoral Composite indicates need | | |
|--------------------------------|--|---------------------|---|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| Dimensions | Question(s) | Response options | Severity level 1 | Severity level 2 | Severity level 3 | Severity level 4 | Severity level 4+ |
| Conflict exposure ² | Are landmines / UXOs currently present in your | Select one (Yes/No) | No exposure | Exposed to drone or missile attacks | Exposed to armed violence/artillery | Exposed to armed violence/artillery | Exposed to armed violence/artillery |

² Needs associated with exposure to conflict, including recurrent events of armed violence, artillery shelling, drone and missile attacks, and the presence of UXOs and landmines, showed a strong correlation with proximity to the front line. To prevent an overestimation of needs in frontline areas, this dimension was as times excluded by the CCIA final score.

| | | | | | | | |
|--|--|---|-------------------|--|---|--|--------------------------------|
| | <p>settlement?</p> <p>If yes, have you or a household member seen them?</p> <p>In the past three months, have you or anyone in your household been exposed to events of armed violence or artillery shelling in your community?</p> <p>In the past three months, have you or anyone in your household been exposed to drone or missile attacks in your community?</p> <p>How often have you/your household been exposed to drone or missile attack events in the past three months?</p> <p>How often have you/your household been exposed to armed violence or artillery shelling events in the past three months?</p> | Select one (frequency scale) | | at least once a month, but less than once a week | shelling less than once a month OR at least once a month but less than once a week OR Exposed to drone or missile attacks at least once a week, but less than daily OR Believes mines are present | shelling once a week, but less than daily OR Exposed to drone or missile attacks daily or almost daily OR Seen landmine/UXOs | shelling daily or almost daily |
| Safety and security incidents | In the past three months, have you, a household member or someone you know experienced any other safety and security incident in your community? | List of safety and security concerns | Level 1 incidents | Level 2 incidents | Level 3 incidents | Level 4 incidents | Level 4+ incidents |
| HLP concerns | What current concerns, if any, do you and your household have related to your property/land? | List of HLP concerns | Level 1 concerns | Level 2 concerns | Level 3 concerns | Level 4 concerns | N/A |
| Access to legal assistance/ administrative and social services | In the past 6 months, did you or anyone in your household need to access legal assistance but were | List of legal assistance/ administrative and social services required | Level 1 | Level 2 | Level 3 | Level 4 | N/A |

| | | | | | | | |
|------------------|--|--------------------------------------|---|---|---|--|---|
| | unable to obtain it? In the past 6 months, did you or anyone in your household need to access social and administrative services from the government but were unable to obtain them? | | | | | | |
| Child Protection | Does your household have any child, son or daughter (below 18 years old) not currently living in the household? What are the reason(s) why your children/child under 18 are/is not living in the household? | List of reasons for child separation | Households with no children AND Households with no separated children | At least one child was separated due to Level 2 reasons | At least one child was separated due to Level 3 reasons | At least one child separated for reasons indicating severe child protection concerns (Level 4) | At least one child separated for reasons indicating severe child protection concerns (Level 4+) |

Conflict exposure

| Presence of Landmines/UXOs | |
|----------------------------|--|
| Category | Choice label |
| level 1 | No |
| level 3 | Yes, I or a member of my household believes they are present |
| level 4 | Yes, I or a member of my household has seen them |
| Undefined | Do not know / Prefer not to answer |

| Exposure to shelling/attacks | |
|------------------------------|------------------------------------|
| Category | Choice label |
| level 1 | No |
| level 2-4 | Yes |
| Undefined | Do not know / Prefer not to answer |

| Frequency of exposure to attacks | |
|----------------------------------|--|
| Category | Choice label |
| level 2 | At least once a month, but less than once a week |
| level 3 | At least once a week, but less than daily |
| level 4 | Daily or almost daily |

| Frequency of exposure to shelling | |
|--|---|
| Category | Choice label |
| level 3 | Less than once a month / at least once a month, but less than once a week |
| level 4 | At least once a week, but less than daily |
| level 4+ | Daily or almost daily |

Safety and Security

| Category | Choice label |
|-----------------|--|
| Level 1 | None |
| | Attacks / threatening behaviour of Stray animals (dogs, etc) |
| Level 2 | Conscription-related incidents |
| | Crime (e.g. being robbed) |
| | Presence of military actors |
| | Other (specify) |
| Level 3 | Physical violence is not related to the conflict |
| | Discrimination and harassment (because of language, ethnicity, status, etc.) |
| Level 4 | Arbitrary arrest/detention (excluding conscription) |
| Level 4+ | Kidnapping, forced disappearance (excluding conscription) |
| | Exploitation (being engaged in harmful forms of labour, human trafficking) |
| undefined | Do not know |
| | Prefer not to answer |

HLP concerns

| Category | Choice label |
|-----------------|---|
| Level 1 | None |
| Level 2 | No social/affordable housing available in the area |
| | Other (specify) |
| Level 3 | Eviction or fear of eviction from rented housing |
| | Lack of access to / eligibility for the state compensation mechanism |
| | Lack of documents/lack of access to documents proving ownership of housing/land |
| | Damaged or destroyed housing in the area NOT occupied by the Russian Federation |
| | Damaged or destroyed housing in the area occupied by the Russian Federation |
| | Housing in the area occupied by the Russian Federation has been confiscated |
| | Housing and/or land are not accessible due to military restrictions, active hostilities |
| Level 4 | Land contaminated with Explosive Ordnance |
| undefined | Do not know |
| | Prefer not to answer |

Access to legal assistance

| Category | Choice label |
|-----------|--|
| Level 1 | None |
| level 2 | Yes, to obtain civil documents (birth, death, marriage, divorce) |
| | Yes, to resolve issues related to the labour law |
| | Other (specify) |
| level 3 | Yes, to apply for compensation for damaged or destroyed property |
| | Yes, to access pensions for IDPs |
| | Yes, to apply for the IDP allowance |
| | Yes, to access social benefits |
| | Yes, to obtain property documentation |
| Level 4 | Yes, to apply for utility subsidies |
| | Yes, to obtain identity documents |
| undefined | Do not know |
| | Prefer not to answer |

Access to social and administrative services

| Category | Choice label |
|-----------|--|
| Level 1 | None |
| level 2 | Yes, to obtain civil documents (birth, death, marriage, divorce) |
| | Yes, to obtain social transportation |
| | Yes, to obtain social accompaniment services |
| | Yes, other (specify) |
| level 3 | Yes, to obtain counselling services |
| | Yes, to obtain psychosocial support |
| | Yes, to obtain home-based care, assisted living, or facility care services |
| | Yes, to obtain case management support |
| | Yes, to obtain social rehabilitation services |
| Level 4 | Yes, to obtain property documentation |
| | Yes, to obtain identity documents |
| undefined | Do not know |
| | Prefer not to answer |

Child Protection

| Category | Choice label |
|----------|---|
| Level 2 | Left the house to reside with a non-family member (living with a romantic partner, living with friends) |
| | Left the house to study |
| | Living abroad |
| | Other |
| Level 3 | Stayed behind at the area of origin |
| | Left the house to seek employment |
| | Living in a state institution (orphanage, homes for people with disabilities) |
| | Living with a foster family |
| Level 4 | Got separated during displacement/evacuation (including temporary separation) |
| | Married and left the house |
| Level 4+ | Kidnapped/abducted |
| | Missing (left and no news) |

| | |
|-----------|----------------------|
| | Arbitrarily detained |
| Undefined | Do not know |
| | Prefer not to answer |

Healthcare

| | | | Sectoral Composite does not indicate need | | Sectoral Composite indicates need | | |
|---|---|--------------------------|---|--|---|---|--|
| Dimensions | Question(s) | Response options | Severity level 1 | Severity level 2 | Severity level 3 | Severity level 4 | Severity level 4+ |
| Health needs/Foregone care | During the last 3 months, did the person years, need to access healthcare? Was the person years, able to obtain all healthcare when they felt they needed? What was/were the healthcare need(s)? What was/were the healthcare need(s)? | List of healthcare needs | Households with no healthcare needs | Households with no forgone healthcare OR Households with at least one member with exclusively "preventative consultation" forgone care | Households with at least one person with Level 3 forgone care | Households with at least one person with Level 4 forgone care | Households with at least one person with Level 4+ forgone care |
| Chronic health conditions and ability to get medication (composite) | | Composite indicator | households with no chronic condition OR households are always able to access medication | Level 2 | Level 3 | Level 4 | Level 4+ |
| Travel time | How long (in minutes) does it take anyone from your household to get to the nearest, functional health facility by your normal mode of transportation? | Time categories | (0, 30] minutes to get to a facility | (31-59] minutes to get to a facility | 60 minutes or more | | N/A |

Health needs

| Unmet need | Choice label |
|------------|---|
| level 2 | Preventative consultation/check-up |
| level 3 | Consultation or drugs for acute illness (fever, diarrhoea, cough, etc.) |
| | Consultation or drugs for other illnesses |
| | Elective, non-life-saving surgery |
| | Ante-natal or post-natal services |
| | Other (specify) |
| level 4 | Physical or mental health care after missile/drone strike (e.g., psychological support, rehabilitation) |
| | Consultation or drugs for chronic illness (diabetes, hypertension, etc.) |
| | Safe delivery services |
| level 4+ | Trauma care (injury, accident, conflict-related wounds) |
| | Emergency, life-saving surgery |

| | |
|-----------|----------------------|
| undefined | Do not know |
| | Prefer not to answer |

Chronic health conditions and ability to get medication

| Category | Ability to get medication/care for chronic conditions (frequency) | Level of chronic health conditions |
|----------|---|--|
| level 1 | Level 1 (never unable) | Level 1 (none) |
| level 1 | Level 1 (never unable) | Level 2 (allergies, thyroid, other) |
| level 1 | Level 1 (never unable) | Level 3 (pain, other) |
| level 1 | Level 1 (never unable) | Level 4 (blood sugar, blood pressure, conditions, cancer, heart, lung, neurological, conditions that result from a drone/missile strike) |
| level 2 | Level 2 (rarely) | Level 2 (allergies, thyroid, other) |
| level 2 | Level 2 (rarely) | Level 3 (pain, other) |
| level 2 | Level 3 (sometimes) | Level 2 (allergies, thyroid, other) |
| level 3 | Level 2 (rarely) | Level 4 (blood sugar, blood pressure, conditions, cancer, heart, lung, neurological, conditions that result from a drone/missile strike) |
| level 3 | Level 3 (sometimes) | Level 3 (pain, other) |
| level 3 | Level 4 (often) | Level 2 (allergies, thyroid, other) |
| Level 4 | Level 3 (sometimes) | Level 4 (blood sugar, blood pressure, conditions, cancer, heart, lung, neurological, conditions that result from a drone/missile strike) |
| Level 4 | Level 4 (often) | Level 3 (pain, other) |
| Level 4 | Level 4+ (always) | Level 2 (allergies, thyroid, other) |
| Level 4+ | Level 4 (often) | Level 4 (blood sugar, blood pressure, conditions, cancer, heart, lung, neurological, conditions that result from a drone/missile strike) |
| Level 4+ | Level 4+ (always) | Level 3 (pain, other) |
| Level 4+ | Level 4+ (always) | Level 4 (blood sugar, blood pressure, conditions, cancer, heart, lung, neurological, conditions that result from a drone/missile strike) |

Travel time to the nearest medical facility

| Category | Choice |
|-----------|----------------------|
| level 1 | 0 - 30 minutes |
| level 2 | 31 - 59 minutes |
| level 3 | 60 minutes or more |
| undefined | Do not know |
| | Prefer not to answer |

SNFI

| | | |
|--|---|-----------------------------------|
| | Sectoral Composite does not indicate need | Sectoral Composite indicates need |
|--|---|-----------------------------------|

| Dimensions | Question(s) | Response options | Severity level 1 | Severity level 2 | Severity level 3 | Severity level 4 | Severity level 4+ |
|--|---|--|--|---|---|---|--|
| Shelter type | What best describes the shelter situation of this household? What type of shelter does the household currently live in? | List of shelter situations and types | Level 1 | Level 2 | Level 3 | Level 4 | Level 4+ |
| Shelter issues (not caused by the war) | In the shelter where your household currently lives, what noticeable issues does it have that are NOT directly caused by the war? | List of shelter issues | No shelter issue | 1-3 issues | 4-7 issues | 8-11 issues | N/A |
| Shelter damage (caused by war) | Has the shelter where your household currently lives been damaged since February 2022 because of the war? Has the damage to your current shelter caused by the war been fully repaired? Can you describe the damage caused by the war? | Single answer | No shelter damage OR Shelter damage AND repaired | Shelter damage not repaired AND Level 2 (Minor) | Shelter damage not repaired AND Level 3 (Light/Moderate damage) | Shelter damage not repaired AND Level 4 (Severe damage) | Shelter damage not repaired AND Level 4+ (Catastrophic damage) |
| Security of Tenure | What is the occupancy arrangement for your current shelter? Do you think your household is at risk of being evicted now or within the next six months? Do you think your household is at risk of being evicted now or within the next six months? G_6 What is the occupancy arrangement for your current shelter? | List of occupancy by type of ownership | Low-risk | Medium-risk | High-risk | | N/A |
| Electricity & heating | Please explain the issues your household faces related to electricity in the shelter where you live. What was the main heating source used in your accommodation in the last winter season? | List of heating source types | No issues with the main source | Issues with electricity | No electricity | No heating last winter | N/A |
| Functional Domestic Space | Do you have enough space and essential items so that the members of your household can store food and water where you leave? Do you have enough space and essential items so that the members of your household can cook where you live? | | If I can do all 3 tasks | if you cannot do 1 task | If you cannot do 2 tasks | If you cannot do 3 tasks | N/A |

| | | | | | | | |
|--------------|---|--------------|-----------------|------------------------------------|------------------------------------|--|-----|
| | Do you have enough space and essential items for all the members of your household to sleep where you live? | | | | | | |
| Missing NFIs | In the last 3 months, did your household completely lack any of the following essential items (also including hygiene items)? | List of NFIs | No missing NFIs | Level 2 (sleeping and cooking NFI) | Level 3 (clothing and heating) NFI | | N/A |

Shelter type

| Shelter situation | |
|-------------------|--|
| Category | Choice label |
| Level 3 | Collective site |
| Level 1 | Individual shelter (for this household only) |
| Level 1 | Individual shelter (shared with others) |
| Level 2 | Hosted by friends/relatives |
| Level 2 | Hosting at least one other household in own home |
| Level 4+ | No shelter (sleeping in the open) |
| undefined | Other (specify) |
| undefined | Do not know |
| undefined | Prefer not to answer |

| Type of shelter | |
|-----------------|------------------------------------|
| Category | Choice label |
| Level 1 | Solid/finished house |
| Level 1 | Solid/finished apartment |
| Level 3 | Unfinished / non-enclosed building |
| Level 4 | Tent |
| Level 4 | Makeshift shelter |
| undefined | Other (specify) |
| undefined | Do not know |
| undefined | Prefer not to answer |

Shelter issues (not caused by the war)

| Category | Choice label |
|----------|---|
| none | No issues |
| issue | Lack of privacy (e.g. no doors) |
| | Lack of space inside dwelling / shelter |
| | It is often too hot or too cold inside dwelling / shelter |
| | Limited ventilation (e.g. no or poor air circulation) inside dwelling / shelter |
| | Leaks when it rains or snows |
| | Unable to lock the dwelling / shelter |
| | Lack of lighting inside the dwelling / shelter |
| | Lack of lighting outside the dwelling / shelter |
| | Presence of mosquitos, rodents, ticks, inside the shelter |

| | |
|-----------|---|
| | Some members of the household have difficulties moving inside or outside the dwelling |
| | Lack of space inside / near the shelter to wash and dry clothes |
| | Other (specify) |
| undefined | Do not know |
| | Prefer not to answer |

Shelter issues (caused by the war since 2022)

| Shelter damage repaired | |
|-------------------------|----------------------|
| Category | Choice label |
| Repaired | Yes |
| Not Repaired | No |
| undefined | Do not know |
| | Prefer not to answer |

| Severity of damage | |
|--------------------|--|
| Category | Choice label |
| Level 2 | Minor damage: cracks or openings in the roof or external walls |
| Level 3 | Light damage: broken or missing windows and/or doors |
| | Moderate damage: partial collapse of a key shelter element (roof, wall, or foundation) |
| Level 4 | Severe damage: partial collapse of multiple shelter elements (roof, wall, or foundation) |
| Level 4+ | Catastrophic damage: Total collapse of the shelter |
| undefined | Do not know |
| | Prefer not to answer |

Security of tenure

| Category | Choice |
|-------------|---|
| Low risk | Owned property AND no risk of eviction or DNK PNA |
| | Rented AND no risk of eviction or DNK PNA |
| Medium risk | Owned property AND risk of eviction |
| | Rented AND risk of eviction |
| | Hosted for free |
| High risk | No occupancy agreement, squatting |
| Undefined | Do not know G_6 |
| | Prefer not to answer G_6 |

Electricity and Heating

| Electricity | |
|-------------|---|
| Category | Choice |
| None | No issues |
| Level 3 | No electricity (no generator, not on electrical grid) |

| | |
|-----------|--|
| Level 2 | Issues with the supply and/or strength of electricity (this includes scheduled power cuts) |
| | Other (specify) |
| Undefined | Do not know |
| | Prefer not to answer |

| Heating | |
|-----------|----------------------|
| Category | Choice |
| na | Gas |
| | electricity |
| | District heating |
| | Wood or coal |
| | briquettes |
| Level 4+ | none |
| undefined | other |
| | Don't know |
| | Prefer not to answer |

Missing NFIs

| Category | Choice label |
|-----------|--|
| Level 1 | None |
| level 2 | Kitchen set (e.g cooking and eating set) |
| | Other (specify) |
| | Bedding and towels (e.g. including mattresses, bedsheets, towels) |
| level 3 | Sufficient and appropriate clothing for winter and summer |
| | Heating appliances (heaters, boiler systems) |
| | Fuel for heating (coal, firewood, liquid gas) |
| na | Feminine hygiene items |
| | Baby diapers |
| | Hygiene products for the body (e.g. shampoo, razor, combs) |
| | Cleaning products for the house (e.g. dishwasher soap, laundry detergent, cleaning solution, etc.) |
| | Water treatment products and materials |
| undefined | Do not know |
| | Prefer not to answer |

WASH

| | | | Sectoral Composite does not indicate need | | Sectoral Composite indicates need | | |
|------------|------------|------------------|---|------------------|-----------------------------------|------------------|-------------------|
| Dimensions | Indicators | Response options | Severity level 1 | Severity level 2 | Severity level 3 | Severity level 4 | Severity level 4+ |
| | | | | | | | |

| | | | | | | | |
|---------------------------|--|--|---|---|---|--|----------------------------|
| Drinking Water quantity | In the last 4 weeks, how many days did you NOT have as much water to drink as you would like for you or anyone in your household? | Never (0 days) Rarely (1–4 days) Sometimes (5–10 days) Often (11–20 days) Always (more than 20 days) | Never (0 days) | Rarely (1–4 days) | Sometimes (5–10 days) | Often (11–20 days) | Always (more than 20 days) |
| Drinking water quality | What is the main source of drinking water for members of your households? How long does it take to go there, get water, and come back? Can you tell me a range of minutes? In the past 4 weeks, was the quality of the water supplied from your main source usually acceptable? Currently, are you usually treating the water from your main source before drinking? What is the main source of drinking water for members of your household? | List of water sources; Very good Good Neither good nor bad Bad Very bad | Improved on-premises AND water quality is acceptable | Improved AND water quality is acceptable AND it takes 60 minutes or less to collect water | Improved AND water quality is acceptable AND it takes more than 60 minutes to collect water OR Improved AND water quality not acceptable AND treated water OR Improved on-premises AND water quality not acceptable AND treated water | Unimproved OR Water quality is not acceptable, AND did not treated water | Surface water or rainwater |
| Sanitation | What kind of toilet facility do members of your household usually use? Do you share this facility with others who are not members of your household? Have you faced any problems pumping off the individual sewage/septic tank in the past 12 months? | List of toilet types List of problems with sewage management | Toilet improved AND can manage excreta AND the facility is not shared | Toilet improved AND can manage excreta AND the facility is shared | Toilet improved AND cannot manage excreta | Toilet unimproved | Open defecation/None |
| Hygiene | Where do you and other members of your household most often wash your hands? Do you have soap or detergent in your household for washing hands? Do you have enough space and essential items so that the members of your households can perform personal hygiene where they live? | List of issues; Yes No Do not know Prefer not to answer | Can perform hygiene AND Soap to wash hands AND wash hands in fixed facility | Can perform hygiene AND Soap to wash hands AND wash hands with mobile object | Cannot perform hygiene OR No handwashing place in dwelling/yard/plot | No soap to wash hands | N/A |
| Missing WASH NFIs | What are the essential non-food items that your household needed that you were missing or were inadequate in the last 6 months (also including hygiene items)? | List of NFIs | No WASH NFIs are missing | Level 2 missing NFIs | Level 3 missing NFIs | | N/A |
| Access to technical water | What is the main source of water used by members of your households for other activities (bathing, personal hygiene, laundry and cleaning, cooking)? In the last 4 weeks, how many days did you NOT have as much water for domestic purposes (laundry, cooking) you would like for you or anyone in your household? | List of water sources; Never (0 days) Rarely (1–4 days) Sometimes (5–10 days) Often (11–20 days) Always (more than 20 days) | Improved water source AND Never missing technical water | Improved water source AND Rarely/sometimes missing technical water | Improved water source AND often missing technical water OR Unimproved sources AND never/rarely missing technical water | Level 4 water source OR Unimproved sources AND sometimes/often missing technical water OR Improved/unimproved AND Always missing technical water | N/A |

Drinking water quality

| Water sources | |
|----------------------------|--|
| Category | Choice label |
| Improved | Bottled water (water purchased in bottles) |
| | Water kiosk (booth with water for bottling) |
| | Trucked in water (truck with a tank, etc.) |
| | Protected well |
| | Protected spring |
| | Public tap/standpipe |
| | Public well or boreholes (protected, shared access) |
| | Piped into a compound, yard or plot |
| | Piped to the neighbour |
| | Cart with a small tank/drum |
| Sachet water | |
| Improved on-premises | Tap drinking water / Piped into dwelling |
| Unimproved | Unprotected well |
| | Unprotected spring |
| Surface water or rainwater | Rainwater collection |
| | Directly from a surface water body (river, dam, lake, pond, stream, canal, irrigation channel) |
| Undefined | Other (specify) |
| | Do not know |
| | Prefer not to answer |

Sanitation – toilet types

| Waste management | |
|------------------|--|
| Category | Choice label |
| Can manage | No, my household does not handle this service |
| | No, there are no problems |
| Cannot manage | Yes, I have to do it on my own and don't want to |
| | Yes, it is expensive/ high price of the service |
| | Yes, the special car/service refuses to come |
| | Yes, pumping services are not available in the area |
| | Yes, emptying the sewage is not possible due to technical reasons (peculiarities of construction, it is impossible to reach it by car, etc.) |
| | Yes, other (specify) |
| Undefined | Do not know |
| | Prefer not to answer |

| Water sources | |
|------------------------|--|
| Category | Choice label |
| Improved | Flush to the piped sewer system |
| | Flush to the septic tank |
| | Flush to pit latrine |
| | Composting toilet |
| | Pit latrine with slab |
| Open defecation / None | Plastic Bag |
| | Bucket |
| Undefined | No facility/bush/field/open defecation |
| | Other (specify) |
| | Don't know |
| | Prefer not to answer |

| | |
|------------|-------------------------------------|
| Unimproved | Flush to open drain |
| | Pit latrine without slab / open pit |
| | Hanging toilet/hanging latrine |

Hygiene

| Category | Choice label |
|-----------|--|
| level 1 | Fixed place (sink/tap) in dwelling |
| | Fixed place (sink/tap) in yard/plot |
| level 2 | Mobile handwashing place (bucket, jug, kettle) in dwelling/yard/plot |
| level 3 | No handwashing place in dwelling/yard/plot |
| undefined | Other (specify) |
| | Do not know |
| | Prefer not to answer |

Missing NFIs

| Category | Choice label |
|-----------|---|
| none | None |
| | Kitchen set (e.g., cooking and eating set) |
| | Other (specify) |
| | Bedding and towels (e.g., including mattresses, bedsheets, towels) |
| | Sufficient and appropriate clothing for winter and summer |
| | Heating appliances (heaters, boiler systems) |
| | Fuel for heating (coal, firewood, liquid gas) |
| undefined | Do not know |
| | Prefer not to answer |
| level 3 | Feminine hygiene items |
| | Baby diapers |
| | Water treatment products and materials |
| level 2 | Hygiene products for the body (e.g., shampoo, razor, combs) |
| | Cleaning products for the house (e.g., dishwasher soap, laundry detergent, cleaning solution, etc.) |

Access to technical water

| Technical water sources | |
|-------------------------|---|
| Category | Choice label |
| Improved | Tap drinking water / Piped into dwelling |
| | Trucked in water (truck with a tank etc.) |
| | Protected well |
| | Protected spring |
| | Public tap/standpipe |
| | Public well or boreholes (protected, shared access) |
| | Piped into a compound, yard or plot |
| | Piped to the neighbour |
| | Cart with a small tank/drum |
| | Sachet water |
| level 4 | Bottled water (water purchased in bottles) |
| | Water kiosk (booth with water for bottling) |
| Undefined | Other (specify) |
| | Do not know |

| | |
|------------|--|
| | Prefer not to answer |
| Unimproved | Unprotected well |
| | Unprotected spring |
| | Rainwater collection |
| | Directly from a surface water body (river, dam, lake, pond, stream, canal, irrigation channel) |

| Access to technical water | |
|----------------------------------|----------------------------|
| Category | Choice label |
| Level 1-4 | Never (0 days) |
| | Rarely (1-4 days) |
| | Sometimes (5-10 days) |
| | Often (11-20 days) |
| | Always (more than 20 days) |

Education

| | | | Sectoral Composite does not indicate need | | Sectoral Composite indicates need | | |
|---|--|---|---|---|--|--|-------------------|
| Dimensions | Question(s) | Response options | Severity level 1 | Severity level 2 | Severity level 3 | Severity level 4 | Severity level 4+ |
| Access and barriers to access education | Did the child attend school or any early childhood education program at any time during the 2024-2025 school year? During the 2024-2025 school year, why was the child unable to attend school? | | All school-aged children attended formal school at any time in person OR No school-aged children | At least one school-aged child attended formal school at any time that was REMOTE or BLENDED OR All school-aged children not enrolled due to Level 2 barriers (too young/already completed education) | At least one school-aged child did not attend formal school at any time, for a reason identified as severity 3 | At least one school-aged child did not attend formal school at any time, for a reason identified as a severity 4, indicating that the child faced a severe protection risk | N/A |
| Conducive environment | In the past 4 weeks, how many hours per day has your household had access to internet network on average? During the 2024-2025 school year, what was the main modality of this education? | In-person Remote Blended Do not know Prefer not to answer | The household always has internet access OR A household often has internet access AND all school-aged children attend in-person school OR No school-aged children | Household sometimes or never has internet access AND all school-aged children attend in-person school OR Household often has internet access AND at least one child attends REMOTE or BLENDED | Household sometimes or never has internet access AND at least one child attends REMOTE or BLENDED | N/A | N/A |
| Education disruption events | During the 2024-2025 school year, was education disrupted by damage to their school? During the 2024-2025 school year, was education disrupted because had to move to another settlement/return to this settlement because of the war? During the 2024-2025 school year, was the education of the household's children disrupted at least once | Yes No Do not know Prefer not to answer school-aged children not enrolled in school | None of the children's education was disrupted OR No school-aged children | At least one child education has been disrupted by Prolonged or repetitive air alerts | At least one child's education has been disrupted by displacement/evacuation/return | At least one child's education has been disrupted by damage to the school | N/A |

| | | | | | | | |
|--|--|--|--|--|--|--|--|
| | a month by prolonged or repetitive air alerts lasting more than 2 hours during a learning day? | | | | | | |
|--|--|--|--|--|--|--|--|

Access and barriers to access education

| Category | Choice label |
|----------------------|--|
| level 2 | The child has already completed compulsory school grades |
| | The child is too young to attend school/kindergarten |
| level 3 | Lack of quiet and safe space to attend or listen to online learning classes |
| | Lack of appropriate IT equipment (laptop, tablet, etc.) |
| | Lack of other school supplies (notebook, pencil, textbooks, etc.) |
| | An internet connection of bad quality or no internet connection |
| | Cannot afford the direct costs of education (e.g., tuition, supplies, transportation) |
| | Inadequate or damaged infrastructure for learning in a safe environment (e.g., damaged school facilities, no or inadequate bomb shelter) |
| | Lack of or poor quality of teachers |
| | Unable to enrol in school due to a lack of enrollment space |
| | Unable to enrol in school due to recent displacement/evacuation/return |
| | The child's disability or other health issues prevent them from accessing school |
| | The quality of learning for the child is lower than with face-to-face classes |
| | There is a lack of interest/Education is not a priority either for the child or the household |
| | No school is available in the area |
| | Language issues |
| | Other |
| Do not know | |
| Prefer not to answer | |
| level 4 | Protection risks while at or travelling to the school (e.g., missile attacks) |
| | Marriage/engagement |
| | Pregnancy |
| | Unable to enrol in school due to a lack of documentation |
| | Discrimination or stigmatization of the child for any reason |

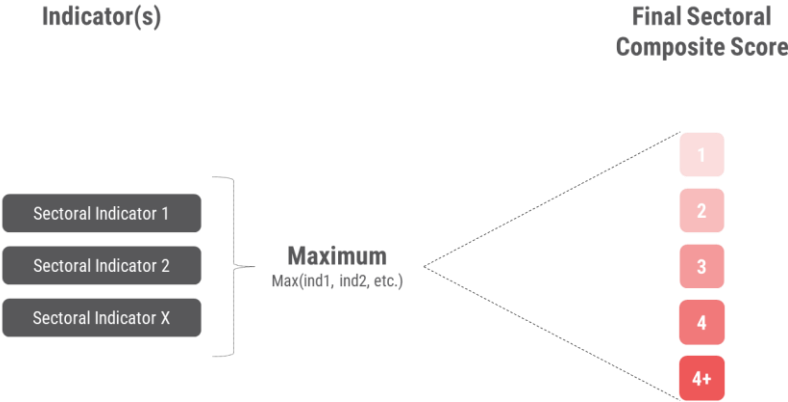
| Education modality | |
|--------------------|--------------|
| Category | Choice label |
| level 1 | In-person |
| level 2 | Remote |

| | |
|-----------|----------------------|
| | Blended |
| undefined | Do not know |
| | Prefer not to answer |

Annex 4: Sectoral Composites – Aggregation

Except for the Food Security score, the final sectoral severity score of a household will always be the maximum severity level reached by the dimensions included in the Sectoral Composite framework (see Table 3 below as an example).

Figure 2: Aggregation of indicators into a final Sectoral Composite score



Annex 5: Multi-Sectoral Needs Index – Aggregation

Similar to the MSNI, the final CCIA score is obtained for each household as the maximum sectoral severity level the household scored across all Sectoral Composite.

CCIA = max(Livelihoods Composite, Food Security Composite, WASH Composite, Health Composite, Education Composite, Protection Composite, SNFI Composite)

Table 3: Example of CCIA calculation per household

| | Sectoral CCIA Severity Score | | | | | | Final CCIA |
|------|------------------------------|--------|------|------------|-----------|------|------------|
| | Livelihoods | Health | WASH | Protection | Education | Etc. | |
| HH1 | 4 | 4 | 4 | 4 | 3 | 3 | 4 |
| HH2 | 2 | 2 | 4 | 2 | 1 | 1 | 4 |
| HH3 | 3 | 3 | 3 | 4+ | 2 | 1 | 4+ |
| Etc. | 2 | 3 | 1 | 1 | 2 | 1 | 3 |

Annex 6: List of partners

Funded by:

European Civil Protection and Humanitarian Aid Operations (ECHO)
Foreign, Commonwealth & Development Office (FCDO)
Bureau for Humanitarian Assistance (BHA)

Research design/tool development, consulting partners:

Ukraine WASH Cluster
Ukraine SNFI Cluster
Ukraine GiHA Technical Working Group
Ukraine Food Security and Livelihoods Cluster
Ukraine Accountability to Affected Populations Working Group
Ukraine Protection Cluster
Ukraine Health Cluster
Ukraine Gender Based Violence AoR
Ukraine Education Cluster
Ukraine Child Protection AoR
Ukraine Cash Working Group
Ukraine Age and Disability Technical Working Group
United Nations Office for the Coordination of Humanitarian Affairs
Ukraine Humanitarian Country Team
Ukraine Data Coordination Group
Ukraine Inter-Cluster Coordination Group

Data collection partners:

Kyiv International Institute for Sociology