



UKRAINE: **HUMANITARIAN** **SUBNATIONAL** **ACCESS DATASET**

CODEBOOK
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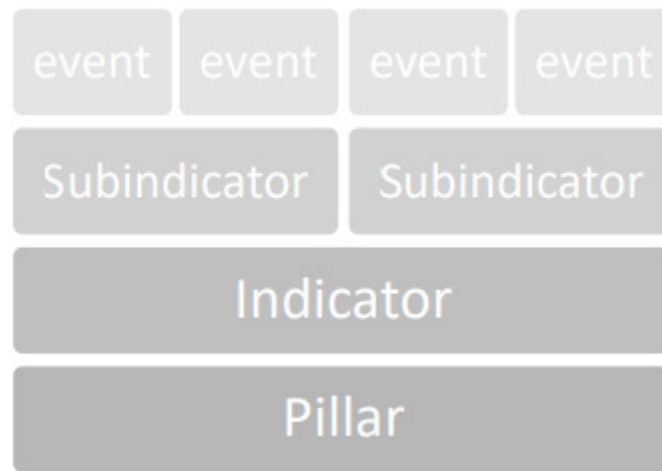
INTRODUCTION

The humanitarian subnational access score is a metric ACAPS developed for assessing humanitarian access. The primary objective of ACAPS' analysis of humanitarian access is to inform humanitarian decision makers with a summary of the access situations in different countries (or regions) facing recent and protracted humanitarian crises.

This document outlines the structure of the subnational access score report for Ukraine. The data collectors track data at the regional level, using publicly available sources from various local, regional, and international organisations. This data is aggregated via subindicators, indicators, and pillars, giving each oblast the access score.

METHODOLOGY

ACAPS has identified categories to track *access events* (one-time events, policies, or recurrent practices) that impede humanitarian access. We present the list of events framed under our humanitarian access analysis framework: every event belongs to a specific subindicator, every subindicator belongs to a specific indicator, and indicators are grouped into pillars, as shown in the graph below.



Source: ACAPS

LIST OF ACCESS EVENTS AND THEIR RELATIVE FRAMEWORK

Pillars and indicators master list

Pillar 1: access of people in need to humanitarian aid

- Denial of existence of humanitarian needs or entitlements to assistance
- Restriction and obstruction of access to services and assistance

Pillar 2: access of humanitarian organisations to people in need

- Impediments to enter the country (bureaucratic and administrative)
- Restriction of movement within the country (impediments to freedom of movement and/or administrative restrictions)
- Interference into implementation of humanitarian activities
- Violence against humanitarian personnel, facilities, and assets

Pillar 3: physical, environmental, and security constraints

- Insecurity or hostilities affecting humanitarian assistance
- Presence of landmines, improvised explosive devices (IEDs), explosive remnants of war (ERW), and unexploded ordnance (UXO)
- Physical constraints in the environment (obstacles related to terrain, climate, lack of infrastructure, etc.)

Disclaimer: Please note that the framework titles were slightly adjusted in July 2023 to align with ACAPS' global Humanitarian Access.

Subindicator and event master list and guide to shortening indicators for visual aid (e.g. figures, graphs, tables)

EVENT	SUBINDICATOR	INDICATOR	PILLAR
Public statements denying needs	S1.1 - Public statements denying needs of people in need	I1 - Denial of existence of needs	Access of people in need to humanitarian aid
Urgency of the need for external aid not acknowledged	S1.2 - Discrepancy between humanitarian needs and public statements	I1 - Denial of existence of needs	Access of people in need to humanitarian aid
Humanitarian needs stated lower than generally perceived	S1.2 - Discrepancy between humanitarian needs and public statements	I1 - Denial of existence of needs	Access of people in need to humanitarian aid
Questioning of the civilian nature of the affected population	S1.3 - Denial of entitlement to assistance to certain groups or areas	I1 - Denial of existence of needs	Access of people in need to humanitarian aid
Obstruction of access to services for specific groups	S1.3 - Denial of entitlement to assistance to certain groups or areas	I2 - Restriction and obstruction of access to services	Access of people in need to humanitarian aid
Restriction on population's movement in general	S2.1 - Physical obstruction to access to services (besieged areas, restrictions to travel, etc.)	I2 - Restriction and obstruction of access to services	Access of people in need to humanitarian aid
Existence of besieged areas	S2.1 - Physical obstruction to access to services (besieged areas, restrictions to travel, etc.)	I2 - Restriction and obstruction of access to services	Access of people in need to humanitarian aid
Physical prevention of the use of services or assistance	S2.1 - Physical obstruction to access to services (besieged areas, restrictions to travel, etc.)	I2 - Restriction and obstruction of access to services	Access of people in need to humanitarian aid
Restrictions of movement (by law or rules)	S2.1 - Physical obstruction to access to services (besieged areas, restrictions to travel, etc.)	I2 - Restriction and obstruction of access to services	Access of people in need to humanitarian aid
Movement restrictions for people seeking safety (in-country or cross-border)	S2.1 - Physical obstruction to access to services (besieged areas, restrictions to travel, etc.)	I2 - Restriction and obstruction of access to services	Access of people in need to humanitarian aid
Documents required to access assistance are not easily accessible	S2.2 - Bureaucratic and administrative requirements to access assistance (specific document required to access services)	I2 - Restriction and obstruction of access to services	Access of people in need to humanitarian aid
Population is cut off from reaching assistance and services	S2.3 - Forced displacement of people in need away from services	I2 - Restriction and obstruction of access to services	Access of people in need to humanitarian aid
Involuntary return to country of origin	S2.3 - Forced displacement of people in need away from services	I2 - Restriction and obstruction of access to services	Access of people in need to humanitarian aid
Overcomplicated registration process for humanitarian organisations	S3.1 - Complex, costly, and time-consuming registration process	I3 - Impediments to enter the country	Access of humanitarian organisations to people in need
Time-consuming registration process for humanitarian organisations	S3.1 - Complex, costly, and time-consuming registration process	I3 - Impediments to enter the country	Access of humanitarian organisations to people in need
Denial of approval of the registration of humanitarian organisations	S3.2 - Denial or random assignment of organisations' registration	I3 - Impediments to enter the country	Access of humanitarian organisations to people in need
Denial of approval for humanitarian organisations to operate	S3.2 - Denial or random assignment of organisations' registration	I3 - Impediments to enter the country	Access of humanitarian organisations to people in need
Import restrictions on medical equipment, supplies, and medicine	S3.3 - Constraints in the import of relief items, equipment, and visas and permits for staff	I3 - Impediments to enter the country	Access of humanitarian organisations to people in need
Import restrictions on food items	S3.3 - Constraints in the import of relief items, equipment, and visas and permits for staff	I3 - Impediments to enter the country	Access of humanitarian organisations to people in need

Import restrictions on building materials	S3.3 - Constraints in the import of relief items, equipment, and visas and permits for staff	I3 - Impediments to enter the country	Access of humanitarian organisations to people in need
Import restrictions on other items	S3.3 - Constraints in the import of relief items, equipment, and visas and permits for staff	I3 - Impediments to enter the country	Access of humanitarian organisations to people in need
Difficulties for humanitarian staff to obtain visas to enter the country	S3.3 - Constraints in the import of relief items, equipment, and visas and permits for staff	I3 - Impediments to enter the country	Access of humanitarian organisations to people in need
Multiple authorities controlling the territory	S4.1 - Country not entirely controlled by the same authority	I4 - Restriction of movement within the country	Access of humanitarian organisations to people in need
Administrative impediments to the passage of humanitarian staff	S4.2 - Administrative impediments: taxes, fines, or quotas on the passage of goods or people to reach people in need	I4 - Restriction of movement within the country	Access of humanitarian organisations to people in need
Illegal transit taxes for humanitarian staff	S4.2 - Administrative impediments: taxes, fines, or quotas on the passage of goods or people to reach people in need	I4 - Restriction of movement within the country	Access of humanitarian organisations to people in need
Illegal taxes on the passage of goods	S4.2 - Administrative impediments: taxes, fines, or quotas on the passage of goods or people to reach people in need	I4 - Restriction of movement within the country	Access of humanitarian organisations to people in need
Administrative impediments to the passage of goods for assistance	S4.2 - Administrative impediments: taxes, fines, or quotas on the passage of goods or people to reach people in need	I4 - Restriction of movement within the country	Access of humanitarian organisations to people in need
Presence of military checkpoints	S4.3 - Presence of checkpoints towards or in the affected areas	I4 - Restriction of movement within the country	Access of humanitarian organisations to people in need
Movement restrictions that affect humanitarians: road closures or impediments to entry	S4.4 - Closure of crossing to the affected areas	I4 - Restriction of movement within the country	Access of humanitarian organisations to people in need
Movement restrictions that affect humanitarians: demonstrations	S4.4 - Closure of crossing to the affected areas	I4 - Restriction of movement within the country	Access of humanitarian organisations to people in need
Restrictions on the implementation of certain types of programmes (e.g. reconstruction, reproductive health, etc.)	S5.1 - Conditions imposed by authorities or other groups on aid delivery	I5 - Interference into implementation of humanitarian activities	Access of humanitarian organisations to people in need
Enforced supervision of humanitarian organisation movements	S5.1 - Conditions imposed by authorities or other groups on aid delivery	I5 - Interference into implementation of humanitarian activities	Access of humanitarian organisations to people in need
Sanctions and international conditions affecting aid delivery/programme implementation	S5.1 - Conditions imposed by authorities or other groups on aid delivery	I5 - Interference into implementation of humanitarian activities	Access of humanitarian organisations to people in need
Conditions affecting human resources of humanitarian organisations	S5.1 - Conditions imposed by authorities or other groups on aid delivery	I5 - Interference into implementation of humanitarian activities	Access of humanitarian organisations to people in need
Interference with organisations' activities	S5.1 - Conditions imposed by authorities or other groups on aid delivery	I5 - Interference into implementation of humanitarian activities	Access of humanitarian organisations to people in need
Designation of humanitarian organisations as terrorist groups	S5.2 - Politics and humanitarian issues overlapping in the country	I5 - Interference into implementation of humanitarian activities	Access of humanitarian organisations to people in need
Claims of assistance interfering in the conflict	S5.2 - Politics and humanitarian issues overlapping in the country	I5 - Interference into implementation of humanitarian activities	Access of humanitarian organisations to people in need
Claims of assistance interfering in country matters	S5.2 - Politics and humanitarian issues overlapping in the country	I5 - Interference into implementation of humanitarian activities	Access of humanitarian organisations to people in need
Confiscation of aid	S5.3 - Aid diversion or confiscation	I5 - Interference into implementation of humanitarian activities	Access of humanitarian organisations to people in need

Diversion of aid	S5.3 - Aid diversion or confiscation	15 - Interference into implementation of humanitarian activities	Access of humanitarian organisations to people in need
Aid worker killed	S6.1 - Killing of personnel	16 - Violence against personnel, facilities, and assets	Access of humanitarian organisations to people in need
Aid worker kidnapped	S6.2 - Kidnapping of personnel	16 - Violence against personnel, facilities, and assets	Access of humanitarian organisations to people in need
Aid worker injured	S6.3 - Injury of personnel	16 - Violence against personnel, facilities, and assets	Access of humanitarian organisations to people in need
Aid worker assaulted	S6.4 - Assault of personnel	16 - Violence against personnel, facilities, and assets	Access of humanitarian organisations to people in need
Aid worker arrested	S6.5 - Arrest of personnel	16 - Violence against personnel, facilities, and assets	Access of humanitarian organisations to people in need
Lootings of humanitarian premises	S6.6 - Looting of facilities	16 - Violence against personnel, facilities, and assets	Access of humanitarian organisations to people in need
Violence affecting civilians' movement	S7.1 - Violence inhibiting the affected population from moving freely and safely to the where humanitarian assistance is available	17 - Insecurity or hostilities affecting humanitarian assistance	Physical, environmental, and security constraints
Violence targeting civilians	S7.1 - Violence inhibiting the affected population from moving freely and safely to the where humanitarian assistance is available	17 - Insecurity or hostilities affecting humanitarian assistance	Physical, environmental, and security constraints
Targeting of hospitals and health clinics	S7.2 - Targeting or attack of public services, such as hospitals, schools, and other civilian facilities	17 - Insecurity or hostilities affecting humanitarian assistance	Physical, environmental, and security constraints
Targeting of schools and education facilities	S7.2 - Targeting or attack of public services, such as hospitals, schools, and other civilian facilities	17 - Insecurity or hostilities affecting humanitarian assistance	Physical, environmental, and security constraints
Targeting of other civilian facilities	S7.2 - Targeting or attack of public services, such as hospitals, schools, and other civilian facilities	17 - Insecurity or hostilities affecting humanitarian assistance	Physical, environmental, and security constraints
Insecurity suspending humanitarian activities	S7.3 - Violence leading to the relocation of humanitarian staff and/or (temporary or permanently) suspension of humanitarian activities	17 - Insecurity or hostilities affecting humanitarian assistance	Physical, environmental, and security constraints
Insecurity leading to the relocation of humanitarian staff	S7.3 - Violence leading to the relocation of humanitarian staff and/or (temporary or permanently) suspension of humanitarian activities	17 - Insecurity or hostilities affecting humanitarian assistance	Physical, environmental, and security constraints
Confirmed contaminated area	S8.1 - Contaminated area (CHA, SHA, cluster munitions – in km2)	18 - Presence of landmines, IEDs, ERW, and UXO	Physical, environmental, and security constraints
Suspected contaminated area	S8.2 - Other contaminated area (in km2)	18 - Presence of landmines, IEDs, ERW, and UXO	Physical, environmental, and security constraints
Landmine victims	S8.3 - Casualties of mine contamination	18 - Presence of landmines, IEDs, ERW, and UXO	Physical, environmental, and security constraints
Weather events affecting humanitarian action	S9.1 - Rainy season (snow, monsoon, and other seasonal impediments)	19 - Physical constraints in the environment	Physical, environmental, and security constraints
Road disruptions	S9.2 - Severe disruption of infrastructure	19 - Physical constraints in the environment	Physical, environmental, and security constraints
Poor pre-existing infrastructure	S9.2 - Severe disruption of infrastructure	19 - Physical constraints in the environment	Physical, environmental, and security constraints
Civilian infrastructure disruptions or destruction	S9.2 - Severe disruption of infrastructure	19 - Physical constraints in the environment	Physical, environmental, and security constraints
Fuel or other energy source scarcity affecting humanitarian action	S9.3 - Logistical constraints to consumable goods (e.g. scarcity of fuel)	19 - Physical constraints in the environment	Physical, environmental, and security constraints
Water scarcity affecting humanitarian action	S9.3 - Logistical constraints to consumable goods (e.g. scarcity of fuel)	19 - Physical constraints in the environment	Physical, environmental, and security constraints

Telecommunications cuts	S9.3 - Logistical constraints to consumable goods (e.g. scarcity of fuel)	I9 - Physical constraints in the environment	Physical, environmental, and security constraints
Remote locations	S9.4 - Logistical constraints to infrastructure (e.g. remote location of those in need, travel difficulties)	I9 - Physical constraints in the environment	Physical, environmental, and security constraints
Physical impediments to travelling to affected location	S9.4 - Logistical constraints to infrastructure (e.g. remote location of those in need, travel difficulties)	I9 - Physical constraints in the environment	Physical, environmental, and security constraints

In the current data collection, we included events related to civilian infrastructure from the Civilian Infrastructure Damages Dataset. In the list above, these are highlighted in italics.

For further information, please check the [ACCESS methodology](#).

SOURCES

ACAPS' data is derived from a range of credible, publicly available sources, such as reports from international and local humanitarian organisations, UN agencies, human rights organisations, think tanks, international and local media, social media platforms, governments (official sites, embassies), and conversations with humanitarians in the country. Analysts and data collectors use expert judgement to decide what data to include.

LIMITATIONS

ACAPS aims to monitor and track humanitarian access events daily. This tool presents the broad coverage of reported information data collectors use to flag events that might affect basic service access and inform operational, strategic, and policy decision-making. The diversity and complexity of this crisis means that certain event types may appear to fall outside of this categorisation. The high volatility of the crisis means that data might be incomplete, and data collectors may record events with some delay.

ACAPS relies on open sources and the expert judgement of trained data collectors in selecting the most reliable sources and does not have an operational presence in every context; this means that we cannot record every event. Data collectors have a range of language skills, but linguistic barriers might also prevent ACAPS from identifying all the available information.

The lack of information in certain areas of Ukraine means that the access score contained in the model can be lower than expected.

RESULTS STRUCTURE

Events are available in the Ukraine Access Events Dataset, but the model results are available in CSV version and API with the following structure. Please refer to the methodology document for a detailed explanation of the model.

VARIABLE NAME	FORMAT	DEFINITION	DESCRIPTION
Oblast	Text	Oblast name	
I1	Numeric	Indicator 1 score	Weighted sum of S1.1, S1.2, and S1.3; score is set to 3 if Occupied is not zero
I2	Numeric	Indicator 2 score	Weighted sum of S2.1, S2.2, and S2.3
I3	Numeric	Indicator 3 score	Weighted sum of S3.1, S3.2, and S3.3; score is set to 3 if Occupied is not zero
I4	Numeric	Indicator 4 score	Weighted sum of S4.1, S4.2, S4.3, and S4.4; score is set to 3 if Occupied is not zero
I5	Numeric	Indicator 5 score	Weighted sum of S5.1, S5.2, and S5.3
I6	Numeric	Indicator 6 score	Weighted number of I6 events
I7	Numeric	Indicator 7 score	Weighted sum of S7.1, S7.2, and S7.3, where S7.1 is ACLED events and S7.2 is a subindicator for civilian damages
I8	Numeric	Indicator 8 score	Weighted sum of S8.1, S8.2, and S8.3
I9	Numeric	Indicator 9 score	Weighted sum of S9.1, S9.2, S9.3, and S9.4, where S9.2 is a subindicator for civilian damages
P1	Numeric	Pillar 1 score	Average of I1 and I2 that is normalised to a 0–5 scale

P2	Numeric	Pillar 2 score	Average of I3, I4, I5, and I6 that is normalised to a 0–5 scale
P3	Numeric	Pillar 3 score	Average of I7, I8, and I9 that is normalised to a 0–5 scale
ACCESS	Numeric	Access score with Occupied conditions included	Average of P1, P2, and P3
ACCESS_for_not_occupied	Numeric	Access score calculated without Occupied constraints for regions inside the oblast that are not occupied	Average of P1, P2, and P3 recalculated without Occupied constraints for regions of the oblast that are not occupied
Occupied	Numeric	Count of 'Multiple authorities controlling the territory' events	Events of occupation count