HeRAMS Ukraine
First Round Results
November 2022 - January 2023

Mapping of the operational status of health facilities in the most affected oblasts of Ukraine
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ACRONYMS

eHealth       Electronic Health Information System
EPI           Expanded program of immunization
HeRAMS        The Health Resources and Services Availability Monitoring System
HIV           Human Immunodeficiency Virus
LLC           Limited Liability Company
MHPSS         Mental Health and Psychosocial Support
MOH           Ministry of Health
NCD           Non-Communicable Diseases
NHSU          National Health Service of Ukraine
PHC           Primary Health Centre
WHO           World Health Organization
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EXECUTIVE SUMMARY

HeRAMS has since November 2022 collected information from all 1 public health institutions in the 10 oblasts most affected by the war in Ukraine. Information was gathered on the functionality of health facilities, damage to buildings and equipment, basic amenities (e.g., electricity, water, and electricity), and availability of services in the following domains:

- Trauma and General Services
- Child Health and Nutrition
- Communicable Diseases
- Sexual and Reproductive Health
- Maternal and Newborn Care
- Non-Communicable Diseases (NCDs)
- Mental Health and Psychosocial Support (MHPSS)

Overall, 90% of the health facilities assessed are fully functional. The barriers to functionality reported by health facilities were primarily lack of security and structural damage to health facilities. In Donetska oblast, on the contrary, around a third (29%) of facilities are non-functioning, while another third (35%) are only partially functioning. Over half (51%) of health facilities in the Donetska oblast sustained partial damage while 8% have been destroyed since the onset of the war on February 24, 2022.

Similarly, the state of medical equipment is of particular concern in the Kharkivska and Donetska oblasts, where 20% and 54% of health facilities, respectively, reported total or partial damage to medical equipment.

The emergent picture in terms of the functioning and delivery of health services is that service interruptions are mainly visible in the oblasts most affected by the invasion. However, most health facilities are fully functional, trauma and general services are widely available in all assessed oblasts.

Services related to primary healthcare and clinics for non-communicable diseases (NCDs) are widely available; less than 1% of facilities are reporting a disruption to NCD clinics, but specialized cancer diagnostics like mammography screening have been disrupted in most oblasts, and the proportion of facilities where mammography screenings are now unavailable range from 17% in Zaporizka oblast to 40% in Chernihivska and Sumska oblasts. The situation is similar for diagnostics like cystoscopic, bronchoscopy, prostate biopsy, and cancer treatment (e.g., a quarter of facilities in Sumska and Kyivska oblasts report cancer treatment services being unavailable). The main reasons for the unavailability of these services are, again, the lack of special medical equipment and a lack of staff.

Furthermore, one-third (30%) of the health facilities in the Donetska oblast and over one-third (40%) of the health facilities in the Sumska oblast do not have skilled care during childbirth. The situation in these two oblasts is similar for basic emergency obstetric care, mainly due to lack of trained personnel.

In summary, at the end of the first round of data collection, we find that health services are widely available across all domains. However, in particularly conflict-affected oblasts, including those where the Ukrainian government has recently regained control essential services are unavailable due to building damage, lack of medical equipment and lack of medical staff.

1 Data has been collected from 99.99% of all public health facilities in the priority oblasts.
Should the lack of diagnostic services (e.g., mammography, biopsy) and the disruption of cancer treatment continue, it will almost certainly have a negative impact on public health, as early detection of cancer and subsequent treatment will be delayed. The unavailability of basic emergency obstetric care in some oblasts is another area of concern and poses a significant risk to maternal health.
METHODOLOGY

Since November 2022, the Health Resources and Services Availability Monitoring System (HeRAMS) has collected data from 1,181 health facilities, which comprise virtually all public health facilities in these oblasts (response rate greater than 99.9%); this includes healthcare facilities located along the front line. All health facilities included in the master health facility list provided by the National Health Service of Ukraine were contacted, but the master list was edited by the focal points for data collection to ensure completeness and accurate data collection. As a result, the list was expanded during data collection phase.

Round 1 data collection started in November 2022 and ended in February 2023, focusing on public facilities (i.e., those contracted by the National Health Service of Ukraine) in Odeska, Mykolaivska, Zaporizka, Kharkivska, Donetska, Sumsksa, Chernihivska, Kyivska, and Dnipropetrovska oblasts. The Luhansa and Khersonska oblasts were not accessible when the first round of data collection began and were therefore excluded.

Data were collected for public hospitals and primary health care facilities. However, private health facilities were excluded based on advice from the MOH.

In nine oblasts, with the exception of the Khersonska oblast, sub-national focal points designated by the oblast health departments were involved in data collection. This was followed by a two-day in-person training to ensure familiarity with the questionnaire, and a common understanding of key concepts (e.g., ‘accessibility’ or ‘functionality’ of a health facility), and the capacity to use the web-based HeRAMS platform. The tool, questionnaire and training material were adapted to the local context and translated into Ukrainian.

As the Ukrainian government recently regained control over the Khersonska oblast that was after the launch of the first data collection and because of security challenges, data collection was facilitated by a third-party monitoring group specialized in health assessments.

Raw data underwent basic data cleaning and logic checks to ensure data quality standards are met. In addition, starting in March 2023, health specialists will again visit randomly selected health facilities for on-the-ground independent data verification.

Starting in March 2023, and after the implementation of the Lessons Learned meeting for the first round of HeRAMS Ukraine, data collection will be rolled out to the remaining oblasts: Zhytomyr, Vinytska, Cherkaaska, Poltavska, Khmelnytska, Rvynenska, Kirovohrad ska, Volynska, Lvivska, Ternopilska, Chernivetska, Ivano-Frankivska, Zakarpatska and Kyiv city. A final report presenting the results at national level is expected in the last quarter of 2023.

As the HeRAMS data collection is ongoing, the data presented in this report are not representative of the whole of Ukraine and should at this point be considered preliminary.
**Conclusions**

The conclusions of the analysis of HeRAMS Round one data were derived during the interpretation workshop held in Kyiv on 21-22 of February. Workshop participants included experts from the MOH, NHSU and WHO. However, the core participants were sub-national representatives from the nine oblasts, who supervised or conducted data collection at regional level.

The workshop was based on data validation through simple voting and small group data interpretation. The ideas were written on flip charts by each group and presented for general discussion. The most voted ideas were transferred to the final validation with the help of the online voting tool (Wooclap). The brainstorming on data utilization ideas was built following the problem-solving methodology as such, simple brainstorming session, classification and grouping of generated ideas, discussion to avoid duplication and then reporting on generated agreed upon ideas.

**Core indicators**

With respect to functionality and accessibility, it was concluded that indicators remain high in all oblasts, with the exception of the Donetska oblast, despite the ongoing large-scale conflict. As a result, experts speculated that functionality and accessibility in 9 of the most affected areas appear to be less affected by the armed activity than expected, while infrastructure, buildings and medical equipment tend to be directly impacted by the proximity of the front line. The group emphasized the fact that the financial barrier to accessibility in public health facilities was low (reported in 1% of health facilities with limited accessibility, n=69).

**Basic amenities**

For the basic amenities’ indicators, the group was concerned with the dependence of health facilities on a centralized source of water, energy and heating since most healthcare facilities do not have other sources to cover basic needs in the event of large-scale damage to infrastructure. However, experts representing health facilities noted that health facilities cannot afford to cover another system without the support of the owner (oblast, city, or suburban settlement council). It was noted that the limited availability of basic amenities is not acceptable in areas that are not affected by active and on-going military action.

In the discussion on waste treatment, it was highlighted that most health facilities rely on third parties for final disposal. Therefore, despite the satisfactory availability of waste treatment but the disruption of supply chains used by contracted suppliers can negatively impact final disposal of waste (including sharps and infectious waste).

Indicators for communication equipment, connectivity, telemedicine, and e-health data access were discussed as a single block. Although communication equipment and connectivity were widely available, however, the group commented on the lack of staff to maintain equipment (often outdated) and the lack of financial resources to retain staff and procure modern communication equipment. However, outdated equipment was only perceived as part of the barrier to data entry into eHealth. It was also discussed that, in some cases, malfunctions in the central database were also reported by healthcare institutions in the HeRAMS and through personal communications with experts. With respect to telemedicine, the lack of regulation and guidance from the Ministry of Health regarding the definition and framework of this service was highlighted during the discussion.
Trauma and General services
In terms of trauma and general services domain, the most concerning point made by the group was that not all health facilities reported the availability of emergency care (only 63%, n=938). Whereas, it is obligatory for every health facility to provide at least basic emergency care. Of equal concern, only 76% (n = 324) of multi-profile hospitals reported having full access to in-patient critical care management. It was highlighted that only 69% of health facilities in the Donetska oblast reported full availability of critical care despite the needs to serve the population suffering from the active military action. Minor trauma definitive management was reported as fully available only in half of health facilities (55%, n=938), the availability of this service is limited in both primary healthcare facilities and multi-profile hospitals. Following the discussion of the limited availability of minor trauma definitive management in multi-profile hospitals, the low availability of orthopedic/trauma ward in multi profile hospitals (55%, n=323) was deemed critical by the group. The most common barrier reported to the above services was lack of equipment, so the group decided that this barrier needed to be further evaluated.

For outpatient services, both primary and specialized, the experts reiterated the fact that barriers to the availability of these services are not usually resolved by the humanitarian aid as it does not always correspond to the needs of health facility and does not support the basic services. The critical issues discussed for the outpatient services were the lack of medical staff and the fact of unavailability of outpatient services for primary care reported in the primary healthcare facilities (the service is fully available in 90% (n=317) of health facilities providing only primary health care, and in 89% (n=104) of health facilities providing both primary and specialized health care.

Non-communicable diseases services
The services for non-communicable diseases, namely NCD clinic (<1% non-availability, n=938) and the most widespread NCDs in Ukraine (diabetes, asthma and chronic obstructive pulmonary disease, hypertension) were deemed highly available despite the significant barriers (especially, lack of staff) to the service delivery. However, the fact that existing primary healthcare health facilities reported lack of the NCD services was considered a critical issue.

Concerning cancer diagnostics services, out of 938 facilities, 31% reported fully available, 15% reported partially available (n=131) or unavailable (n=9), and 55% reported that the service is not normally provided. 137 health facilities reporting limitations in availability, reported the following barriers: lack of medical equipment (79%), lack of staff (38%), and lack of financial resources (26%).

With regard to cancer treatment services, out of 938 facilities, 7% (n=66) reported full availability, 4% reported partially available (n=28) or unavailable (n=9), and the rest reported that the services are not normally provided. 42 health facilities facing limitations to service availability reported the following barriers: lack of medical equipment (71%), lack of staff (67%), lack of medical supplies (31%).

For services related to acute myocardial infarction and acute stroke, the group concluded that the data presented can be accurately interpreted only in comparison with the data on population served by the respective health facility. However, as the population data is inaccurate especially in the most affected regions, the group concluded that the availability of medical assistance in acute cerebral stroke only in 33% of multi profile hospitals (n=323) and the availability of medical assistance in acute myocardial infarction only in 14% of multi profile hospitals (n=323) is deemed low. At the same time, it was concluded that the timing as a crucial prerequisite for the successful intervention can be ensured only by the optimization of patient routes and ensuring the rapid transportation to the properly equipped health facility.
Mental health services
Mental health service domains scored the lowest availability across the surveyed oblasts (81% of availability was obtained from 3 service indicators: first psychological aid, outpatient, and inpatient mental health care). The group reached consensus that the pooled data on barriers (34% lack of staff and 31% lack of training) shows the actual situation in the field, which should be addressed through comprehensive trainings targeting healthcare specialists.

Sexual, reproductive, and maternity health services
For the area of sexual and reproductive health, the most critical fact discussed as a group was the lack of access to antenatal care at the primary health care level. The service is fully available in 24% (n=317) of health facilities providing only primary health care, and in 35% (n=104) of health facilities providing both primary and specialized health care. Another concerning finding is that most of health facilities (85%, n=938) reported that "skilled care during childbirth" is not expected to be available, leading to the fact that the services concerning childbirth (skilled care during childbirth, basic and advanced emergency obstetrics care) have the equal availability (14%, n=938).

For the clinical management or rape survivors, 62% of health facilities (n=938) reported that this service is not normally provided even though all health facilities are legally expected to provide care to the survivors of violence, including sexual violence. This indicator is critical in terms of primary health care (the service is fully available in only 18% of health facilities providing primary health care, n=317, and in 25% of health facilities providing both primary and specialized health care, n=104) given the fact that these services are time sensitive, especially emergency contraception and post-exposure prophylaxis.

Infectious diseases services
For infectious diseases, the group expressed most concerns on the unavailability of the expanded program of immunization at primary health care level (the service is fully available in 85% of health facilities providing only primary health care, n=317, and in 78% of health facilities providing both primary and specialized health care, n=104), which can be related to the decreasing financial incentives to staff providing immunization services. In terms of the historical connections between wars and spread of infectious diseases, the lack of service availability of local priority diseases e.g., measles, viral hepatitis, diphtheria, pertussis (64% availability, n=938) was discussed and highlighted.

For the availability of services concerning HIV and tuberculosis, the group concluded that the main barrier is lack of appropriately trained staff, even though lack of staff was reported as a barrier in 68% of cases of limited availability of tuberculosis-related services (n=25), whereas it was reported as a barrier only in 23% of cases of limited availability of HIV-testing and counselling services (n=26). It was also mentioned that the difference availability indicators of antiretroviral therapy (25%, N=939) and prophylaxis of mother-to-child transmission (41%, n=939) should be further investigated, as the prophylaxis of mother-to-child transmission was perceived as equally available to the antiretroviral therapy.

Data usage
The workshop concluded with a brainstorming session on data utilization. The participants proposed the use of HeRAMS data and results to guide humanitarian aid provision (by the WHO and other partners) and for the policymaking by the Ukrainian health authorities at national and sub-national level. The ideas expressed were also about using HeRAMS as a tool to understand the knowledge gaps required for evidence-based health governance. Additionally, several experts expressed ideas about using the HeRAMS database for scientific validation and justification for the further data collection if HeRAMS data contradicts with the common knowledge, local practices, or regulations.
The need to collect data on legally united, but geographically separate health service delivery units (e.g., all ambulatories of the Primary Healthcare center) was discussed in a group and was deemed desirable. The regular data updates were deemed necessary to use data both at the oblast and country level.
**INTERPRETATION GUIDE**

**Indicator status**

**Arc charts**
For each indicator, an arc chart provides an overview of the overall status (i.e. functionality, availability, sufficiency, etc.), hereafter referred to as "availability". The total number of health facilities included in the analysis of an indicator is shown inside the arc chart. It is important to note that the total number of health facilities included in the analysis of an indicator can vary due to the exclusion of non-operational and non-reporting health facilities from subsequent analyses.

**Column charts**
Column charts display the status of an indicator by region. The number of health facilities in oblast is shown below the region's name.

**Donut charts**
Each donut chart represents a type of health facility. The percentage of health facilities for which the indicators was available or partially available is shown inside the donut while the total number of health facilities included is shown at the bottom of the chart, below the health facility type name. If an indicator was not available in any health facility, the number inside the chart will display the percentage of health facilities for which the indicator was partially or not available.

**Reasons of unavailability**
If an indicator was not or only partially available, main reasons of unavailability (i.e. causes of damage, reasons for non-functionality, etc.) were collected. Similarly, indicators assessing availability and sufficiency of basic amenities may have a sub-question gathering additional information on the type of amenity available. Alike reasons of unavailability, types of amenities are only evaluated if the amenity was at least partially available. For simplicity reasons, causes of damage, non-functionality and inaccessibility, reasons of unavailability, types of basic amenities, and type of support provided by partners are hereafter commonly referred to as "reasons".

**Donut charts**
Each donut chart indicates the percentage of health facilities having reported a given reason. The total number of health facilities reporting at least one reasons is shown below the chart header.

**Bar charts**
Bar charts depicting reasons follow the same logic as donut charts and exclude health facilities where the indicator was fully available. The number of health facilities reporting at least one reason is displayed below the region's name.

**Important:** The denominators for reasons charts exclude health facilities where the indicator was fully available or in the case of basic amenities not available. It should further be noted that health facilities could report up to three reasons for each indicator. Thus, the sum of all reasons may exceed 100%.
OPERATIONAL STATUS OVERVIEW, 31.01.23

1056 health facilities assessed

- Building condition:
  - Operational: 996 (94%)
  - Partially operational: 48
  - Not operational: 14

- Equipment condition:
  - Operational: 864 (82%)
  - Partially operational: 134
  - Not operational: 22

- Functionality:
  - Operational: 931 (88%)
  - Partially operational: 73
  - Not functioning: 35

- Accessibility:
  - Operational: 964 (92%)
  - Partially accessible: 8
  - Not accessible: 61

Total: 1056 health facilities assessed

Operational health facilities (out of the assessed health facilities): 996 (94%)
**Building Condition**

**Building Condition Overview**

- Intact building or insignificant damage: 80%
- Partially damaged: 18%
- Fully damaged: 1%

- Total: 1051 buildings

**Main Causes of Damage**

- Conflict / attack / looting: 94%
- Lack of maintenance: 7%
- Natural disaster: <1%
- Other: 6%

**Main Causes of Damage by Oblast**

<table>
<thead>
<tr>
<th>Oblast</th>
<th>Conflicts / Attack/Looting</th>
<th>Lack of Maintenance</th>
<th>Natural Disaster</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cherkasy</td>
<td>95%</td>
<td>5%</td>
<td>0%</td>
<td>0%</td>
</tr>
<tr>
<td>Dnipro</td>
<td>93%</td>
<td>7%</td>
<td>&lt;1%</td>
<td>0%</td>
</tr>
<tr>
<td>Donetsk</td>
<td>92%</td>
<td>8%</td>
<td>&lt;1%</td>
<td>0%</td>
</tr>
<tr>
<td>Kherson</td>
<td>90%</td>
<td>10%</td>
<td>0%</td>
<td>0%</td>
</tr>
<tr>
<td>Kyiv</td>
<td>89%</td>
<td>11%</td>
<td>&lt;1%</td>
<td>0%</td>
</tr>
<tr>
<td>Mykolaska</td>
<td>91%</td>
<td>9%</td>
<td>&lt;1%</td>
<td>0%</td>
</tr>
<tr>
<td>Odessa</td>
<td>90%</td>
<td>10%</td>
<td>&lt;1%</td>
<td>0%</td>
</tr>
<tr>
<td>Sumy</td>
<td>92%</td>
<td>8%</td>
<td>&lt;1%</td>
<td>0%</td>
</tr>
<tr>
<td>Zaporozhye</td>
<td>91%</td>
<td>9%</td>
<td>&lt;1%</td>
<td>0%</td>
</tr>
<tr>
<td>Zhitomir</td>
<td>90%</td>
<td>10%</td>
<td>&lt;1%</td>
<td>0%</td>
</tr>
<tr>
<td>Others</td>
<td>98%</td>
<td>2%</td>
<td>&lt;1%</td>
<td>0%</td>
</tr>
</tbody>
</table>

**Building Condition by Health Facility Type**

- PHC Center (n=362): 81% Intact or insignificant damage, 17% Partially damaged, 1% Fully damaged
- PHC Center with spec. services (n=110): 79% Intact or insignificant damage, 19% Partially damaged, 2% Fully damaged
- Emergency medical care center (n=19): 100% Intact or insignificant damage
- Multi profile hospital (n=138): 80% Intact or insignificant damage, 19% Partially damaged, 1% Fully damaged
- Monop profile hospital (n=138): 80% Intact or insignificant damage, 19% Partially damaged, 1% Fully damaged
- Individual provider PHC (n=19): 100% Intact or insignificant damage
- Individual provider PHC (n=138): 80% Intact or insignificant damage, 19% Partially damaged, 1% Fully damaged
- Individual provider PHC (n=138): 80% Intact or insignificant damage, 19% Partially damaged, 1% Fully damaged

**Building Condition by Oblast**

<table>
<thead>
<tr>
<th>Oblast</th>
<th>Intact or insignificant damage</th>
<th>Partially damaged</th>
<th>Fully damaged</th>
</tr>
</thead>
<tbody>
<tr>
<td>Odessa (n=110)</td>
<td>96%</td>
<td>5%</td>
<td>1%</td>
</tr>
<tr>
<td>Dnipropetrovsk</td>
<td>93%</td>
<td>7%</td>
<td>&lt;1%</td>
</tr>
<tr>
<td>Sumy (n=135)</td>
<td>91%</td>
<td>9%</td>
<td>&lt;1%</td>
</tr>
<tr>
<td>Zaporozhye</td>
<td>85%</td>
<td>15%</td>
<td>&lt;1%</td>
</tr>
<tr>
<td>Kherson</td>
<td>72%</td>
<td>25%</td>
<td>&lt;1%</td>
</tr>
<tr>
<td>Mykolaska</td>
<td>71%</td>
<td>27%</td>
<td>&lt;1%</td>
</tr>
<tr>
<td>Donetsk</td>
<td>42%</td>
<td>51%</td>
<td>6%</td>
</tr>
</tbody>
</table>

*Chart excludes health facilities where the service is not normally provided.*
**Equipment Condition**

**Equipment condition overview**

- **Not damaged:** 85%
- **Partially damaged:** 13%
- **Fully damaged:** 2%

- **Total:** 1051

**Main causes of damage (n = 156)**

- **Conflict / attack / looting:** 92%
- **Lack of maintenance:** 5%
- **Man made disaster:** 1%
- **Other:** 5%

**Main causes of damage by oblast**

- **Chernihivska (n=9):** 100%
  - **Conflict / attack / looting:** 90%
  - **Lack of maintenance:** 1%
  - **Man made disaster:** 9%
- **Dnipropetrovska (n=10):** 100%
  - **Conflict / attack / looting:** 99%
- **Donetsk (n=57):** 99%
  - **Conflict / attack / looting:** 99%
  - **Lack of maintenance:** 1%
- **Kharkivska (n=23):** 96%
  - **Conflict / attack / looting:** 96%
- **Kyivska (n=115):** 99%
  - **Conflict / attack / looting:** 99%
- **Chernihivska (n=69):** 87%
  - **Conflict / attack / looting:** 87%
  - **Man-made disaster:** 13%
- **Zaporizka (n=112):** 83%
  - **Conflict / attack / looting:** 83%
  - **Man-made disaster:** 3%
- **Donetsk (n=116):** 46%
  - **Conflict / attack / looting:** 46%
  - **Partially damaged:** 42%
  - **Fully damaged:** 12%

**Equipment condition by health facility type**

- **PHC Center (n=362):**
  - **Not damaged:** 85%
  - **Partially damaged:** 14%
- **PHC Center with spec. services (n=110):**
  - **Not damaged:** 85%
  - **Partially damaged:** 12%
- **Emergency medical care center (n=9):**
  - **Not damaged:** 100%
- **Individual provider PPHC (n=19):**
  - **Not damaged:** 100%
- **Multi profile hospital (n=138):**
  - **Not damaged:** 83%
  - **Partially damaged:** 15%
- **Mono profile hospital (n=5):**
  - **Not damaged:** 100%
- **Other (n=46):**
  - **Not damaged:** 89%
  - **Partially damaged:** 11%

*Chart excludes health facilities where the service is not normally provided.*
**HeRAMS Ukraine First Round Results 2023**

### Functionality Overview

- **Fully Functioning**: 90%
- **Partially Functioning**: 7%
- **Non-Functioning**: 3%

**Functionality by health facility type**

- **PHC Center (n=357)**: 91% Fully Functioning, 6% Partially Functioning, 3% Non-Functioning
- **PHC Center with spec. services (n=108)**: 94% Fully Functioning, 5% Partially Functioning, 1% Non-Functioning
- **Emergency medical care center (n=9)**: 100% Fully Functioning, 0% Partially Functioning, 0% Non-Functioning
- **Individual provider PHC (n=15)**: 100% Fully Functioning, 0% Partially Functioning, 0% Non-Functioning
- **Multi profile hospital (n=137)**: 100% Fully Functioning, 0% Partially Functioning, 0% Non-Functioning
- **Mono profile hospital (n=137)**: 100% Fully Functioning, 0% Partially Functioning, 0% Non-Functioning
- **Other (n=46)**: 83% Fully Functioning, 9% Partially Functioning, 9% Non-Functioning

### Main Causes of Non-functionality

- **Lack of security**: 76%
- **Damage of the health facility**: 54%
- **Lack of staff**: 26%
- **Lack of equipment**: 8%
- **Lack of physical access**: 7%
- **Lack of finances**: 6%
- **Lack of medical supplies**: 5%
- **Other**: 3%

### Main Causes of Non-functionality by Oblast

- **Donetska (n=98)**: 97% Fully Functioning, 3% Partially Functioning, 0% Non-functioning
- **Zaporizka (n=112)**: 94% Fully Functioning, 6% Partially Functioning, 0% Non-functioning
- **Kharkivska (n=169)**: 91% Fully Functioning, 7% Partially Functioning, 2% Non-functioning
- **Mykolaivska (n=81)**: 37% Fully Functioning, 35% Partially Functioning, 29% Non-functioning
- **Dnipropetrovska (n=171)**: 97% Fully Functioning, 3% Partially Functioning, 0% Non-functioning
- **Odeska (n=135)**: 99% Fully Functioning, 1% Partially Functioning, 0% Non-functioning
- **Sumka (n=90)**: 98% Fully Functioning, 2% Partially Functioning, 0% Non-functioning
- **Chernihivska (n=68)**: 100% Fully Functioning, 0% Partially Functioning, 0% Non-functioning

### Functionality by Oblast*

- **Fully Functioning**
- **Partially Functioning**
- **Non-Functioning**

*Chart excludes health facilities where the service is not normally provided.
ACCESSIBILITY

Accessibility overview

- Fully accessible: 93%
- Partially accessible: 6%
- Not accessible: <1%

1004

Accessibility by health facility type

- PHC Center (n=348): 91% (Fully accessible: 89%, Partially accessible: 2%, Not accessible: 1%)
- PHC Center with spec. services (n=106): 96% (Fully accessible: 95%, Partially accessible: 4%)
- Emergency medical care center (n=19): 100% (Fully accessible: 100%)
- Multi profile hospital (n=343): 91% (Fully accessible: 89%, Partially accessible: 2%, Not accessible: 1%)
- Mono profile hospital (n=130): 100% (Fully accessible: 100%)
- Individual provider PHC (n=15): 90% (Fully accessible: 88%, Partially accessible: 2%, Not accessible: 1%)
- Other (n=42): 7% (Fully accessible: 1%, Partially accessible: 2%, Not accessible: 4%)

Main reasons of inaccessibility

- Insecurity: 87%
- Physical barrier: 26%
- Not designed for people with limited mobility: 4%
- Financial: 1%
- Other barriers: 23%

Accessibility by oblast

- Zaporizka (n=111): 99% (Fully accessible: 98%, Partially accessible: 1%)
- Kharkivska (n=165): 99% (Fully accessible: 99%, Partially accessible: 1%)
- Odeska (n=135): 99% (Fully accessible: 99%, Partially accessible: 1%)
- Mykolaivska (n=81): 99% (Fully accessible: 99%, Partially accessible: 1%)
- Dnipropetrovska (n=169): 99% (Fully accessible: 99%, Partially accessible: 1%)
- Kyivska (n=115): 99% (Fully accessible: 99%, Partially accessible: 1%)

*Chart excludes health facilities where the service is not normally provided.
PARTNER SUPPORT

Partner support overview

- Major support: 939
- Partial support: 65%
- No support: 2%

Partner support by health facility type

- PHC Center (n=317):
  - Major support: <1%
  - Partial support: 2%
  - No support: 93%

- PHC Center with spec. services (n=104):
  - Major support: 14%
  - Partial support: 2%
  - No support: 86%

- Emergency medical care center (n=9):
  - Major support: 11%
  - Partial support: 3%
  - No support: 87%

- Individual provider PHC (n=15):
  - Major support: 100%
  - Partial support: 3%
  - No support: 15%

- Multi profile hospital (n=325):
  - Major support: 0%
  - Partial support: 25%
  - No support: 75%

- Mono profile hospital (n=119):
  - Major support: 0%
  - Partial support: 27%
  - No support: 73%

- Other (n=39):
  - Major support: 0%
  - Partial support: 50%
  - No support: 50%

Type of support by oblast

- Zaporizka (n=54):
  - Provision of medical supplies: 0%
  - Provision of medical equipment: 25%
  - Training of health staff: 2%
  - Governance / Oversight: 50%

- Kyivska (n=115):
  - Provision of medical supplies: 0%
  - Provision of medical equipment: 27%
  - Training of health staff: 77%
  - Governance / Oversight: 49%

- Mykolaivska (n=81):
  - Provision of medical supplies: 14%
  - Provision of medical equipment: 86%

Type of support by health facility type

- Provision of medical supplies: 90%
- Provision of medical equipment: 75%
- Training of health staff: 18%
- Provision of operational costs: 17%
- Governance / Oversight: 16%
- Provision of health staff: 5%

Partner support by oblast

- Mykolaivska (n=81):
  - Major support: 52%
  - Partial support: 43%
  - No support: 0%

- Kharkivska (n=68):
  - Major support: 77%
  - Partial support: 43%
  - No support: 0%

- Odeska (n=135):
  - Major support: 73%
  - Partial support: 28%
  - No support: 0%

- Sumi (n=90):
  - Major support: 73%
  - Partial support: 27%
  - No support: 0%

- Zaporizka (n=54):
  - Major support: 87%
  - Partial support: 13%
  - No support: 0%

*Chart excludes health facilities where the service is not normally provided.
BASIC AMENITIES
**WATER**

**Water overview**

- Available: 91%
- Partially available: 8%
- Not available: <1%

**Water by health facility type**

- PHC Center (n=317):
  - Available: 89%
  - Partially available: 11%
- PHC Center with spec. services (n=103):
  - Available: 91%
  - Partially available: 8%
- Emergency medical care center (n=99):
  - Available: 78%
  - Partially available: 22%
- Individual provider PHC (n=19):
  - Available: 100%
- Multi profile hospital (n=324):
  - Available: 93%
  - Partially available: 7%
- Mono profile hospital (n=119):
  - Available: 92%
  - Partially available: 8%
- Other (n=39):
  - Available: 97%
  - Partially available: 3%

**Main reasons of unavailability (n = 81)**

- Lack of equipment: 84%
- Lack of supplies: 47%
- Lack of financial resources: 28%
- Lack of staff: 5%
- Lack of training: 2%

**Main reasons of unavailability by oblast**

- Chemihivska (n=17):
  - Available: 99%
- Sumsk (n=90):
  - Available: 99%
- Dnipropetrovsk (n=169):
  - Available: 97%
- Kharkivska (n=164):
  - Available: 96%
- Kyivska (n=165):
  - Available: 95%
- Mykolaivska (n=81):
  - Available: 91%
- Zaporizka (n=64):
  - Available: 89%
- Odeska (n=115):
  - Available: 87%
- Donetska (n=53):
  - Available: 56%

**Water by oblast**

- Available
- Partially available
- Not available
- Not normally provided
- Not operational
- Not reporting

*Chart excludes health facilities where the service is not normally provided.*
**Power**

**Power overview**

- Available: 89%
- Partially available: 11%
- Not available: <1%
- Total: 938

**Power by health facility type**

- PHC Center (n=317): 87% Available, 13% Partially available
- PHC Center with spec. services (n=104): 84% Available, 16% Not available
- Emergency medical care center (n=19): 89% Available, 11% Partially available
- Individual provider PHC (n=15): 79% Available, 21% Partially available
- Other (n=39): 97% Available, 3% Partially available

**Main reasons of unavailability**

- Lack of equipment: 86%
- Lack of financial resources: 47%
- Lack of supplies: 34%
- Lack of staff: 2%

**Main reasons of unavailability by oblast**

- Chernihivska (n=4): 86% Lack of equipment, 52% Lack of supplies
- Dnipropetrovska (n=10): 84% Lack of equipment, 16% Lack of supplies
- Donetska (n=20): 91% Available, 9% Partially available
- Kyivska (n=115): 90% Available, 10% Partially available

**Power by oblast**

- Dnipropetrovska (n=110): 96%
- Sumka (n=80): 94%
- Chernihivska (n=47): 94%
- Kharkivska (n=114): 93%
- Mykolaivska (n=81): 90%
- Zaporizka (n=54): 85%
- Odeska (n=135): 85%
- Kyivska (n=115): 84%
- Donetska (n=113): 70%

*Chart excludes health facilities where the service is not normally provided.*
Heating overview

- Available: 92%
- Partially available: 7%
- Not available: 1%

Main reasons of unavailability (n = 73)

- Lack of equipment: 85%
- Lack of financial resources: 47%
- Lack of supplies: 23%
- Lack of staff: 1%
- Lack of training: 1%

Heating by health facility type

- PHC Center (n=317): 89% available, 9% not available
- PHC Center with spec. services (n=104): 90% available, 8% not available
- Emergency medical care center (n=19): 89% available, 11% not available
- Individual provider PHC (n=19): 89% available, 11% not available
- Multi profile hospital (n=324): 71% available, 29% partially available
- Mono profile hospital (n=119): 95% available, 5% not available
- Other (n=39): 95% available, 5% not available

Main reasons of unavailability by oblast

- Chernivska (n=1): Lack of equipment 95%
- Dnipropetrovska (n=4): Lack of equipment 71%
- Donetska (n=19): Lack of equipment 71%
- Kharkivska (n=164): Lack of equipment 99%
- Kyivska (n=115): Lack of equipment 91%
- Mykolaivska (n=81): Lack of equipment 96%
- Odeska (n=135): Lack of equipment 87%
- Sumka (n=90): Lack of equipment 95%
- Zaporizka (n=54): Lack of equipment 99%

Heating by oblast*

<table>
<thead>
<tr>
<th>Oblast</th>
<th>Available</th>
<th>Partially available</th>
<th>Not available</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sumka</td>
<td>99%</td>
<td></td>
<td>1%</td>
</tr>
<tr>
<td>Chernivska</td>
<td>99%</td>
<td></td>
<td>1%</td>
</tr>
<tr>
<td>Dnipropetrovska</td>
<td>98%</td>
<td></td>
<td>1%</td>
</tr>
<tr>
<td>Mykolaivska</td>
<td>96%</td>
<td></td>
<td>1%</td>
</tr>
<tr>
<td>Kharkivska</td>
<td>99%</td>
<td></td>
<td>1%</td>
</tr>
<tr>
<td>Kyivska</td>
<td>99%</td>
<td></td>
<td>1%</td>
</tr>
<tr>
<td>Zaporizka</td>
<td>99%</td>
<td></td>
<td>1%</td>
</tr>
<tr>
<td>Odeska</td>
<td>99%</td>
<td></td>
<td>1%</td>
</tr>
<tr>
<td>Donetska</td>
<td>70%</td>
<td></td>
<td>24%</td>
</tr>
</tbody>
</table>

*Chart excludes health facilities where the service is not normally provided.
Cold chain overview

- Available: 95%
- Partially available: 4%
- Not available: 2%
- Total: 815 facilities

Cold chain by health facility type

- PHC Center (n=310): 96%
- PHC Center with spec. services (n=95): 93%
- Emergency medical care center (n=3): 100%
- Individual provider PHC (n=19): 89%
- Multi profile hospital (n=275): 40%
- Mono profile hospital (n=86): 97%
- Other (n=22): 87%

Main reasons of unavailability

- Lack of equipment: 84%
- Lack of financial resources: 44%
- Lack of supplies: 9%
- Lack of staff: 5%
- Lack of training: 5%

Main reasons of unavailability by oblast

- Dnipropetrovska (n=41): Lack of equipment: 95%, Financial resources: 5%
- Donetska (n=122): Lack of equipment: 83%, Financial resources: 15%
- Zaporizka (n=52): Lack of equipment: 91%, Financial resources: 5%
- Mykolaivska (n=63): Lack of equipment: 96%, Financial resources: 4%
- Dnipropetrovska (n=145): Lack of equipment: 92%, Financial resources: 8%
- Kharkivska (n=136): Lack of equipment: 95%, Financial resources: 5%
- Kyivska (n=109): Lack of equipment: 96%, Financial resources: 4%
- Chernihivska (n=62): Lack of equipment: 92%, Financial resources: 8%
- Sumka (n=85): Lack of equipment: 100%

Cold chain by oblast

- Available: 100%
- Partially available: 0%
- Not available: 0%
- Not reporting: 0%

*Chart excludes health facilities where the service is not normally provided.
**Connectivity**

Connectivity overview

- Available: 92%
- Partially available: 8%
- Not available: 8%

Available
Partially available
Not available

- Available
- Partially available
- Not available

Main reasons of unavailability
(n = 78)

- Lack of equipment: 91%
- Lack of supplies: 33%
- Lack of financial resources: 29%
- Lack of staff: 4%
- Lack of training: 1%

Main reasons of unavailability by oblast

Connectivity by health facility type

- PHC Center
  - n=317
  - Available: 89%
  - Partially available: 11%

- PHC Center with spec. services
  - n=104
  - Available: 88%
  - Partially available: 12%

- Emergency medical care center
  - n=119
  - Available: 89%
  - Partially available: 11%

- Individual provider
  - n=7
  - Available: 71%
  - Partially available: 29%

Connectivity by oblast

- Sumka
  - n=90
  - Available: 99%
  - Partially available: 1%

- Mykolakvka
  - n=81
  - Available: 98%
  - Partially available: 1%

- Chernivka
  - n=133
  - Available: 97%
  - Partially available: 3%

- Dnipropetrovka
  - n=198
  - Available: 97%
  - Partially available: 3%

Main reasons of unavailability by oblast

- Chernivka
  - n=133
  - Lack of equipment: 91%
  - Lack of supplies: 33%
  - Lack of financial resources: 29%
  - Lack of staff: 4%
  - Lack of training: 1%

- Dnipropetrovka
  - n=198
  - Lack of equipment: 91%
  - Lack of supplies: 33%
  - Lack of financial resources: 29%
  - Lack of staff: 4%
  - Lack of training: 1%

*Chart excludes health facilities where the service is not normally provided.*
Availability of data entrance into the eHealth over-

93% 5%<1%

Available Partially available Not available

Main reasons of unavailability

(n = 43)

Lack of equipment 88%
Lack of supplies 37%
Lack of financial resources 16%
Lack of staff 14%
Lack of training 7%

Main reasons of unavailability by oblast

Availability of data entrance

Zaporizka (n=33) 100%
Chemivska (n=66) 98%
Dnipropetrovska (n=169) 98%
Sumivska (n=88) 98%
Kharkivska (n=114) 96%
Mykolaivska (n=81) 95%
Kievivska (n=81) 95%
Donetska (n=134) 86%
Odeska (n=134) 85%

Available Partially available Not available

Chart excludes health facilities where the service is not normally provided.
LIMITATIONS OF DATA ENTRANCE INTO THE eHEALTH

Limitations level by oblast

- Chernihivska (n=1)
- Dnipropetrovska (n=3)
- Donetska (n=9)
- Kharkivska (n=8)
- Kyivska (n=5)
- Mykolaivska (n=4)
- Odeska (n=20)
- Sumska (n=2)

Limitations level (n = 52)

- Health facility level: 83%
- Central level: 31%
HEALTH SERVICE
DOMAINS OVERVIEW
# Health Service Domains Overview

## Availability of Services by Domains

<table>
<thead>
<tr>
<th>Service Domain</th>
<th>Available %</th>
<th>Partially Available %</th>
<th>Not Available %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trauma and General Services</td>
<td>91%</td>
<td>7%</td>
<td></td>
</tr>
<tr>
<td>Child Health</td>
<td>93%</td>
<td>5%</td>
<td></td>
</tr>
<tr>
<td>Communicable Diseases</td>
<td>92%</td>
<td>7%</td>
<td></td>
</tr>
<tr>
<td>Sexual and Reproductive Health</td>
<td>88%</td>
<td>9%</td>
<td>4%</td>
</tr>
<tr>
<td>Maternal and Newborn Care</td>
<td>88%</td>
<td>9%</td>
<td>4%</td>
</tr>
<tr>
<td>Non Communicable Diseases</td>
<td>89%</td>
<td>9%</td>
<td>7%</td>
</tr>
<tr>
<td>MHPSS</td>
<td>81%</td>
<td>12%</td>
<td>7%</td>
</tr>
</tbody>
</table>

*Chart excludes health facilities where the service is not normally provided.

## Barriers to Service Domains Delivery

<table>
<thead>
<tr>
<th>Service Domain</th>
<th>Lack of Staff</th>
<th>Lack of Training</th>
<th>Lack of Medical Supplies</th>
<th>Lack of Equipment</th>
<th>Lack of Financial Resources</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trauma and General Services</td>
<td>23%</td>
<td>11%</td>
<td>41%</td>
<td>14%</td>
<td></td>
</tr>
<tr>
<td>Child Health</td>
<td>38%</td>
<td>14%</td>
<td>28%</td>
<td>13%</td>
<td></td>
</tr>
<tr>
<td>Communicable Diseases</td>
<td>32%</td>
<td>17%</td>
<td>26%</td>
<td>16%</td>
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<tr>
<td>Sexual and Reproductive Health</td>
<td>18%</td>
<td>17%</td>
<td>8%</td>
<td>22%</td>
<td></td>
</tr>
<tr>
<td>Maternal and Newborn Care</td>
<td>23%</td>
<td>16%</td>
<td>31%</td>
<td>13%</td>
<td></td>
</tr>
<tr>
<td>Non Communicable Diseases</td>
<td>27%</td>
<td>15%</td>
<td>34%</td>
<td>14%</td>
<td></td>
</tr>
<tr>
<td>MHPSS</td>
<td>34%</td>
<td>31%</td>
<td>14%</td>
<td>8%</td>
<td></td>
</tr>
</tbody>
</table>

*0% 25% 50% 75% 100% Available Partially available Not available*
HEALTH SERVICE DOMAINS BY OBLASTS

Chernihivska

- **Trauma and General Services**: 94% Available, 5% Partially available, 1% Not available
- **Child Health**: 96% Available, 4% Partially available, 0% Not available
- **Communicable Diseases**: 96% Available, 4% Partially available, 0% Not available
- **Sexual and Reproductive Health**: 92% Available, 6% Partially available, 2% Not available
- **Maternal and Newborn Care**: 94% Available, 6% Partially available, 0% Not available
- **Non Communicable Diseases**: 84% Available, 11% Partially available, 5% Not available
- **MHPSS**: 76% Available, 21% Partially available, 3% Not available

- **Lack of staff**: 24% Available, 12% Partially available, 9% Not available
- **Lack of training**: 36% Available, 17% Partially available, 13% Not available
- **Lack of medical supplies**: 32% Available, 14% Partially available, 14% Not available
- **Lack of medical equipment**: 42% Available, 8% Partially available, 15% Not available
- **Lack of financial resources**: 41% Available, 16% Partially available, 14% Not available

Dnipropetrovska

- **Trauma and General Services**: 93% Available, 6% Partially available, 1% Not available
- **Child Health**: 96% Available, 4% Partially available, 0% Not available
- **Communicable Diseases**: 95% Available, 5% Partially available, 0% Not available
- **Sexual and Reproductive Health**: 92% Available, 8% Partially available, 0% Not available
- **Maternal and Newborn Care**: 89% Available, 9% Partially available, 2% Not available
- **Non Communicable Diseases**: 92% Available, 8% Partially available, 0% Not available
- **MHPSS**: 86% Available, 9% Partially available, 5% Not available

- **Lack of staff**: 20% Available, 17% Partially available, 13% Not available
- **Lack of training**: 39% Available, 10% Partially available, 8% Not available
- **Lack of medical supplies**: 43% Available, 16% Partially available, 8% Not available
- **Lack of medical equipment**: 32% Available, 14% Partially available, 15% Not available
- **Lack of financial resources**: 39% Available, 10% Partially available, 14% Not available
Donetska

<table>
<thead>
<tr>
<th>Service</th>
<th>Available</th>
<th>Partially available</th>
<th>Not available</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trauma and General Services</td>
<td>76%</td>
<td>16%</td>
<td>8%</td>
</tr>
<tr>
<td>Child Health</td>
<td>83%</td>
<td>11%</td>
<td>6%</td>
</tr>
<tr>
<td>Communicable Diseases</td>
<td>83%</td>
<td>9%</td>
<td>8%</td>
</tr>
<tr>
<td>Sexual and Reproductive Health</td>
<td>81%</td>
<td>13%</td>
<td>6%</td>
</tr>
<tr>
<td>Maternal and Newborn Care</td>
<td>68%</td>
<td>17%</td>
<td>15%</td>
</tr>
<tr>
<td>Non Communicable Diseases</td>
<td>67%</td>
<td>18%</td>
<td>14%</td>
</tr>
<tr>
<td>MHPSS</td>
<td>63%</td>
<td>22%</td>
<td>14%</td>
</tr>
</tbody>
</table>

Kharkivska

<table>
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<th>Service</th>
<th>Available</th>
<th>Partially available</th>
<th>Not available</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trauma and General Services</td>
<td>92%</td>
<td>7%</td>
<td></td>
</tr>
<tr>
<td>Child Health</td>
<td>95%</td>
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</tr>
<tr>
<td>Communicable Diseases</td>
<td>96%</td>
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<tr>
<td>Sexual and Reproductive Health</td>
<td>88%</td>
<td>10%</td>
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<tr>
<td>Maternal and Newborn Care</td>
<td>89%</td>
<td>9%</td>
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<tr>
<td>Non Communicable Diseases</td>
<td>88%</td>
<td>7%</td>
<td>6%</td>
</tr>
<tr>
<td>MHPSS</td>
<td>93%</td>
<td></td>
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</tr>
</tbody>
</table>
Kyivska

- Trauma and General Services: 88% available, 10% partially available, 2% not available
- Child Health: 88% available, 10% partially available, 2% not available
- Communicable Diseases: 89% available, 9% partially available, 2% not available
- Sexual and Reproductive Health: 88% available, 10% partially available, 2% not available
- Maternal and Newborn Care: 86% available, 12% partially available, 2% not available
- Non Communicable Diseases: 79% available, 13% partially available, 10% not available
- MHPSS: 69% available, 23% partially available, 11% not available

Mykolaivska

- Trauma and General Services: 95% available, 5% partially available, 2% not available
- Child Health: 94% available, 5% partially available, 2% not available
- Communicable Diseases: 96% available, 4% partially available, 2% not available
- Sexual and Reproductive Health: 92% available, 7% partially available, 2% not available
- Maternal and Newborn Care: 94% available, 6% partially available, 2% not available
- Non Communicable Diseases: 91% available, 6% partially available, 4% not available
- MHPSS: 83% available, 13% partially available, 4% not available
Odeska

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Sumska

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Zaporizka

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<tr>
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<td>26%</td>
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<td>12%</td>
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<tr>
<td>MHPSS</td>
<td>45%</td>
<td>32%</td>
<td>6%</td>
<td>15%</td>
</tr>
</tbody>
</table>
**Basic Emergency Care**

**Service availability**

- Available: 63%
- Partially available: 33%
- Not available: 4%

938

**Service availability by health facility type**

- PHC Center (n=317): 51% Available, 4% Partially available, <1% Not available
- PHC Center with spec. services (n=104): 61% Available, <1% Partially available, 4% Not available
- Emergency medical care center (n=9): 89% Available, 11% Partially available
- Individual provider (n=15): 47% Available, 11% Partially available, 4% Not available
- Other (n=39): 41% Available, 3% Partially available, <1% Not available

**Main reasons of unavailability (n = 38)**

- Lack of medical equipment: 66%
- Lack of training: 45%
- Lack of staff: 26%
- Lack of medical supplies: 24%
- Lack of financial resources: 24%

**Main reasons of unavailability by oblast**

- Zaporizka (n=30)
- Mykolaiyska (n=49)
- Dnipropetrovska (n=121)
- Kharkivska (n=114)
- Sumska (n=44)
- Odeska (n=108)
- Kharkivska (n=51)
- Mykolaiyska (n=49)
- Kyivska (n=77)
- Donetska (n=30)

**Service availability by oblast**

- Available
- Partially available
- Not available
- Not normally provided
- Not operational
- Not reporting

*Chart excludes health facilities where the service is not normally provided.*
**INPATIENT CRITICAL CARE MANAGEMENT**

**Service availability**

- Available: 64%
- Partially available: 24%
- Not available: 32%

**Service availability by health facility type**

- PHC Center (n=317):
  - <1%: 14%
  - 100%: 86%
- PHC Center with spec. services (n=104):<br>  - <1%: 5%
  - 100%: 95%
- Multi profile hospital (n=324):<br>  - <1%: 39%
  - 100%: 61%
- Emergency medical care center (n=19):<br>  - <1%: 18%
  - 100%: 82%
- Individual provider PHC (n=19):<br>  - Available: 97%
  - Partially available: 3%

**Main reasons of unavailability (n = 31)**

- Lack of staff: 77%
- Lack of medical equipment: 61%
- Lack of financial resources: 16%
- Lack of medical supplies: 13%
- Lack of training: 10%

**Main reasons of unavailability by oblast**

- Mykolaivska (n=31):
  - Available: 97%<br>  - Partially available: 3%
- Dnipropetrovska (n=59):<br>  - Available: 97%
  - Partially available: 3%
- Zaporizka (n=38):<br>  - Available: 94%
  - Partially available: 6%
- Kharkivska (n=53):<br>  - Available: 94%
  - Partially available: 6%
- Odeska (n=53):<br>  - Available: 92%
  - Partially available: 8%
- Sumka (n=26):<br>  - Available: 91%
  - Partially available: 9%
- Kyivska (n=31):<br>  - Available: 81%
  - Partially available: 15%
- Donetsk (n=26):<br>  - Available: 69%
  - Partially available: 12%

**Service availability by oblast***

- **Donetska (n=26)**
  - Available: 69%
  - Partially available: 12%
  - Not available: 19%

---

*Chart excludes health facilities where the service is not normally provided.*
MINOR TRAUMA DEFINITIVE MANAGEMENT

Service availability

- Available: 55%
- Partially available: 39%
- Not available: 9%

Service availability by health facility type

- PHC Center (n=317): 40% Available, 9% Partially available, 11% Not available
- PHC Center with spec. services (n=324): 29% Available, 87% Partially available, 4% Not available
- Emergency medical care center (n=19): 11% Available, 89% Partially available, <1% Not available
- Individual provider PHC (n=19): 26% Available, 11% Partially available, 3% Not available

Main reasons of unavailability (n = 58)

- Lack of medical supplies: 50%
- Lack of medical equipment: 29%
- Lack of staff: 28%
- Lack of financial resources: 16%

Main reasons of unavailability by oblast

- Chemhivska (n=2): 96% Available, 4% Partially available, 3% Not available
- Zaporizka (n=39): 96% Available, 3% Partially available, 3% Not available
- Kharkivska (n=101): 94% Available, 5% Partially available, 1% Not available
- Odeska (n=94): 94% Available, 6% Partially available, 4% Not available
- Sumsk (n=49): 90% Available, 10% Partially available, 10% Not available
- Dnipropetrovska (n=99): 89% Available, 10% Partially available, 10% Not available
- Kyivska (n=68): 88% Available, 8% Partially available, 4% Not available
- Mykolaivska (n=42): 86% Available, 14% Partially available, 6% Not available
- Donetska (n=34): 65% Available, 32% Partially available, 3% Not available

Service availability by oblast*

- Chemhivska (n=40): 96% Available, 3% Partially available, 1% Not available
- Zaporizka (n=39): 95% Available, 4% Partially available, 3% Not available
- Kharkivska (n=101): 94% Available, 5% Partially available, 1% Not available
- Odeska (n=94): 94% Available, 6% Partially available, 4% Not available
- Sumsk (n=49): 90% Available, 10% Partially available, 10% Not available
- Dnipropetrovska (n=99): 89% Available, 10% Partially available, 10% Not available
- Kyivska (n=68): 88% Available, 8% Partially available, 4% Not available
- Mykolaivska (n=42): 86% Available, 14% Partially available, 6% Not available
- Donetska (n=34): 65% Available, 32% Partially available, 3% Not available

*Chart excludes health facilities where the service is not normally provided.
ORTHOPEDIC/TRAUMA WARD

Service availability by health facility type

- **PHC Center (n=317)**
  - Available: 100%
  - Partially available: <1%
  - Not available: 0%

- **PHC Center with spec. services (n=104)**
  - Available: 14%
  - Partially available: 86%
  - Not available: 0%

- **Emergency medical care center (n=19)**
  - Available: 55%
  - Partially available: 8%
  - Not available: 0%

- **Individual provider PHC (n=19)**
  - Available: 2%
  - Partially available: 98%
  - Not available: 0%

- **Other (n=39)**
  - Available: 5%
  - Partially available: 5%
  - Not available: 0%

Main reasons of unavailability (n = 43)

- Lack of staff: 65%
- Lack of medical equipment: 56%
- Lack of training: 21%
- Lack of medical supplies: 14%
- Lack of financial resources: 9%

Service availability by oblast

- **Chemhivska (n=23)**
  - Available: 96%
  - Partially available: 4%
- **Mykolaivska (n=22)**
  - Available: 91%
  - Partially available: 9%
- **Dnipropetrovska (n=39)**
  - Available: 87%
  - Partially available: 13%
- **Kharkivska (n=27)**
  - Available: 81%
  - Partially available: 19%
- **Sumskaya (n=23)**
  - Available: 78%
  - Partially available: 13%
- **Kyivska (n=31)**
  - Available: 77%
  - Partially available: 10%
- **Odeska (n=36)**
  - Available: 72%
  - Partially available: 25%
- **Zaporizka (n=7)**
  - Available: 71%
  - Partially available: 14%
- **Chernihivska (n=23)**
  - Available: 78%
  - Partially available: 14%
- **Dnipro (n=14)**
  - Available: 57%
  - Partially available: 21%
  - Not available: 21%

Main reasons of unavailability by oblast

- **Chemhivska (n=23)**
  - Lack of staff: 70%
  - Lack of training: 7%
  - Lack of medical supplies: 23%
  - Lack of medical equipment: 7%
  - Lack of financial resources: 0%

- **Mykolaivska (n=22)**
  - Lack of staff: 86%
  - Lack of training: 3%
  - Lack of medical supplies: 7%
  - Lack of medical equipment: 2%
  - Lack of financial resources: 0%

- **Dnipropetrovska (n=39)**
  - Lack of staff: 65%
  - Lack of training: 5%
  - Lack of medical supplies: 14%
  - Lack of medical equipment: 1%
  - Lack of financial resources: 0%

- **Kharkivska (n=27)**
  - Lack of staff: 71%
  - Lack of training: 3%
  - Lack of medical supplies: 13%
  - Lack of medical equipment: 0%
  - Lack of financial resources: 0%

- **Sumskaya (n=23)**
  - Lack of staff: 74%
  - Lack of training: 3%
  - Lack of medical supplies: 22%
  - Lack of medical equipment: 2%
  - Lack of financial resources: 0%

- **Kyivska (n=31)**
  - Lack of staff: 74%
  - Lack of training: 3%
  - Lack of medical supplies: 14%
  - Lack of medical equipment: 0%
  - Lack of financial resources: 0%

- **Odeska (n=36)**
  - Lack of staff: 67%
  - Lack of training: 5%
  - Lack of medical supplies: 16%
  - Lack of medical equipment: 1%
  - Lack of financial resources: 0%

- **Zaporizka (n=7)**
  - Lack of staff: 71%
  - Lack of training: 14%
  - Lack of medical supplies: 16%
  - Lack of medical equipment: 0%
  - Lack of financial resources: 0%

- **Chernihivska (n=23)**
  - Lack of staff: 61%
  - Lack of training: 7%
  - Lack of medical supplies: 29%
  - Lack of medical equipment: 5%
  - Lack of financial resources: 0%

- **Dnipropetrovska (n=14)**
  - Lack of staff: 77%
  - Lack of training: 10%
  - Lack of medical supplies: 19%
  - Lack of medical equipment: 0%
  - Lack of financial resources: 0%

*Chart excludes health facilities where the service is not normally provided.*
OUTPATIENT SERVICES FOR PRIMARY CARE

Service availability

- Available: 59%
- Partially available: 38%
- Not available: 3%

Service availability by health facility type

- PHC Center (n=317): 90% available, 5% partially available, 5% not available
- PHC Center with spec. services (n=104): 89% available, 5% partially available, 1% not available
- Emergency medical care center (n=9): 100% available
- Individual provider PHC (n=19): 95% available, 5% not available
- Multi profile hospital (n=324): 90% available, 5% partially available, 5% not available
- Mono profile hospital (n=119): 89% available, 5% partially available, 6% not available
- Other (n=39): 95% available, 3% partially available, 2% not available

Main reasons of unavailability (n = 28)

- Lack of medical supplies: 50%
- Lack of medical equipment: 39%
- Lack of staff: 32%
- Lack of financial resources: 21%
- Lack of training: 7%

Main reasons of unavailability by oblast

- Mykolaivska (n=50): 100% available
- Chernihivska (n=45): 98% available, 2% not available
- Dnipropetrovska (n=107): 96% available, 4% not available
- Kharkivska (n=103): 96% available, 4% not available
- Zaporizka (n=25): 96% available, 4% not available
- Sumiska (n=50): 96% available, 4% not available
- Odeska (n=96): 95% available, 5% not available
- Kyivska (n=76): 95% available, 5% not available
- Donetska (n=23): 74% available, 26% not available

Service availability by oblast*

- Available
- Partially available
- Not available
- Not normally provided
- Not operational
- Not reporting

*Chart excludes health facilities where the service is not normally provided.
OUTPATIENT DEPARTMENT FOR SPECIALIZED CARE

Service availability

- Available: 65%
- Partially available: 33%
- Not available: 21%
- Not normally provided: 9%

Service availability by health facility type

- PHC Center (n=317):
  - Available: 69%
  - Partially available: 5%
  - Not available: 16%
  - Not normally provided: 10%

- PHC Center with spec. services (n=104):
  - Available: 25%
  - Partially available: 3%
  - Not available: 14%
  - Not normally provided: 1%

- Emergency medical care center (n=19):
  - Available: 100%

- Individual provider PHC (n=15):
  - Available: 17%
  - Partially available: <1%

- Multi profile hospital (n=324):
  - Available: 93%

- Mono profile hospital (n=119):
  - Available: 100%

- Other (n=39):
  - Available: 16%

Main reasons of unavailability (n = 24)

- Lack of medical equipment: 50%
- Lack of staff: 42%
- Lack of medical supplies: 33%
- Lack of financial resources: 29%
- Lack of training: 8%

Main reasons of unavailability by oblast

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Chart excludes health facilities where the service is not normally provided.

Service availability by oblast*

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<td>Donetskia</td>
<td>62%</td>
<td>25%</td>
<td>12%</td>
</tr>
</tbody>
</table>

*Chart excludes health facilities where the service is not normally provided.
NCD CLINIC

Service availability

- Available
- Partially available
- Not available
- Not normally provided

**NCD CLINIC**

Service availability

- Available: 78% (n=317)
- Partially available: 5% (n=15)
- Not available: 9% (n=32)
- Not normally provided: 2% (n=7)

**Service availability by health facility type**

- PHC Center: 78% (n=317)
- PHC Center with spec. services: 90% (n=154)
- Emergency medical care center: 11% (n=32)
- Individual provider PHC: 84% (n=16)
- PHC Center with spec. services: 29% (n=32)
- PHC Center with spec. services: 81% (n=32)
- Multi profile hospital: 38% (n=119)
- Individual provider PHC: 31% (n=15)

Main reasons of unavailability

- Lack of medical supplies: 50%
- Lack of training: 44%
- Lack of staff: 31%
- Lack of medical equipment: 22%
- Lack of financial resources: 25%

Main reasons of unavailability by oblast

Service availability by oblast*

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<td>0%</td>
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<td>86%</td>
<td>9%</td>
<td>5%</td>
</tr>
</tbody>
</table>

*Chart excludes health facilities where the service is not normally provided.
## DIABETES

### Service availability

- **Available**: 71%
- **Partially available**: 25%
- **Not available**: 4%
- **Not normally provided**: <1%

![Service availability chart](chart.png)

### Main reasons of unavailability

- **Lack of staff**: 59%
- **Lack of medical supplies**: 46%
- **Lack of medical equipment**: 17%
- **Lack of training**: 15%
- **Lack of financial resources**: 15%

### Main reasons of unavailability by oblast

<table>
<thead>
<tr>
<th>Oblast</th>
<th>Lack of staff</th>
<th>Lack of medical supplies</th>
<th>Lack of medical equipment</th>
<th>Lack of training</th>
<th>Lack of financial resources</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chernihivska</td>
<td>45%</td>
<td>46%</td>
<td>17%</td>
<td>15%</td>
<td>15%</td>
</tr>
<tr>
<td>Dnipropetrovska</td>
<td>42%</td>
<td>44%</td>
<td>16%</td>
<td>15%</td>
<td>15%</td>
</tr>
<tr>
<td>Donetska</td>
<td>43%</td>
<td>47%</td>
<td>17%</td>
<td>16%</td>
<td>16%</td>
</tr>
<tr>
<td>Kharkivska</td>
<td>46%</td>
<td>48%</td>
<td>18%</td>
<td>16%</td>
<td>16%</td>
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<tr>
<td>Kyivska</td>
<td>48%</td>
<td>50%</td>
<td>19%</td>
<td>17%</td>
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</tr>
<tr>
<td>Sumska</td>
<td>49%</td>
<td>51%</td>
<td>20%</td>
<td>18%</td>
<td>18%</td>
</tr>
<tr>
<td>Zaporizka</td>
<td>47%</td>
<td>49%</td>
<td>19%</td>
<td>17%</td>
<td>17%</td>
</tr>
<tr>
<td>Mykolaivska</td>
<td>44%</td>
<td>46%</td>
<td>18%</td>
<td>16%</td>
<td>16%</td>
</tr>
</tbody>
</table>

### Service availability by health facility type

- **PHC Center**: 87% (n=317)
  - **Available**: 88%
  - **Partially available**: 5%
  - **Not available**: 3%

- **PHC Center with spec. services**: 88% (n=104)
  - **Available**: 87%
  - **Partially available**: 5%
  - **Not available**: 8%

- **Emergency medical care center**: 81% (n=59)
  - **Available**: 88%
  - **Partially available**: 5%
  - **Not available**: 7%

- **Individual provider PHC**: 11% (n=15)
  - **Available**: 79%
  - **Partially available**: 11%
  - **Not available**: 10%

- **Other**: 79% (n=39)
  - **Available**: 87%
  - **Partially available**: 3%
  - **Not available**: 10%

### Service availability by oblast*

<table>
<thead>
<tr>
<th>Oblast</th>
<th>2022</th>
<th>2023</th>
<th>2023 (n)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mykolaivska</td>
<td>98%</td>
<td>98%</td>
<td>66</td>
</tr>
<tr>
<td>Dnipropetrovska</td>
<td>97%</td>
<td>97%</td>
<td>136</td>
</tr>
<tr>
<td>Zaporizka</td>
<td>97%</td>
<td>97%</td>
<td>33</td>
</tr>
<tr>
<td>Kyivska</td>
<td>95%</td>
<td>95%</td>
<td>88</td>
</tr>
<tr>
<td>Sumska</td>
<td>95%</td>
<td>95%</td>
<td>59</td>
</tr>
<tr>
<td>Chernihivska</td>
<td>95%</td>
<td>95%</td>
<td>59</td>
</tr>
<tr>
<td>Kharkivska</td>
<td>95%</td>
<td>95%</td>
<td>110</td>
</tr>
<tr>
<td>Odessa</td>
<td>92%</td>
<td>92%</td>
<td>109</td>
</tr>
<tr>
<td>Donetska</td>
<td>77%</td>
<td>77%</td>
<td>44</td>
</tr>
</tbody>
</table>

- **Available**: 0% - 100%
- **Partially available**: 0% - 100%
- **Not available**: 0% - 100%

*Chart excludes health facilities where the service is not normally provided.
Service availability

- Available
- Partially available
- Not available
- Not normally provided

Service availability by health facility type

- PHC Center (n=317)
  - Available: 84%
  - Partially available: 3%
  - Not available: 2%
- PHC Center with spec. services (n=104)
  - Available: 92%
  - Partially available: 2%
  - Not available: <1%
- Emergency medical care center (n=19)
  - Available: 22%
  - Partially available: 78%
  - Not available: 8%
- Individual provider (n=15)
  - Available: 84%
  - Partially available: 11%
  - Not available: 10%

Main reasons of unavailability (n = 28)

- Lack of medical supplies: 43%
- Lack of staff: 39%
- Lack of medical equipment: 32%
- Lack of training: 29%
- Lack of financial resources: 29%

Main reasons of unavailability by oblast

- Sumfska (n=57)
  - Available: 98%
  - Partially available: 2%
- Dnipropetrovska (n=134)
  - Available: 96%
  - Partially available: 4%
- Odeska (n=108)
  - Available: 97%
  - Partially available: 3%
- Zaporizka (n=33)
  - Available: 97%
  - Partially available: 3%
- Mykolaivska (n=60)
  - Available: 97%
  - Partially available: 3%
- Kharkivska (n=109)
  - Available: 96%
  - Partially available: 4%
- Kyivska (n=87)
  - Available: 92%
  - Partially available: 8%
- Donetsk (n=42)
  - Available: 88%
  - Partially available: 12%

Service availability by oblast*

*Chart excludes health facilities where the service is not normally provided.
**Hypertension**

### Service availability

- Available: 75%
- Partially available: 23%
- Not available: 2%
- Not normally provided: 1%

Total: 938

### Main reasons of unavailability (n = 15)

- Lack of staff: 60%
- Lack of medical equipment: 27%
- Lack of medical supplies: 13%
- Lack of training: 7%
- Lack of financial resources: 13%

### Main reasons of unavailability by oblast

- Zaporizka (n=37):
  - Available: 100%
  - Partially available: 0%
  - Not available: 0%
  - Not normally provided: 0%
  - Not operational: 0%

- Kyivska (n=91):
  - Available: 100%
  - Partially available: 0%
  - Not available: 0%
  - Not normally provided: 0%
  - Not operational: 0%

- Kharkivska (n=112):
  - Available: 100%
  - Partially available: 0%
  - Not available: 0%
  - Not normally provided: 0%
  - Not operational: 0%

- Dnipropetrovska (n=139):
  - Available: 99%
  - Partially available: 1%
  - Not available: 0%
  - Not normally provided: 0%
  - Not operational: 0%

- Sumsk (n=69):
  - Available: 99%
  - Partially available: 1%
  - Not available: 0%
  - Not normally provided: 0%
  - Not operational: 0%

- Chernihivska (n=57):
  - Available: 98%
  - Partially available: 2%
  - Not available: 0%
  - Not normally provided: 0%
  - Not operational: 0%

- Mykolaivska (n=68):
  - Available: 97%
  - Partially available: 3%
  - Not available: 0%
  - Not normally provided: 0%
  - Not operational: 0%

- Odeska (n=106):
  - Available: 96%
  - Partially available: 4%
  - Not available: 0%
  - Not normally provided: 0%
  - Not operational: 0%

- Donetsk (n=42):
  - Available: 86%
  - Partially available: 12%
  - Not available: 2%
  - Not normally provided: 0%
  - Not operational: 0%

### Service availability by health facility type

- PHC Center (n=317):
  - Available: 90%
  - Partially available: 10%
  - Not available: <1%
  - Not normally provided: 0%

- PHC Center with spec. services (n=104):
  - Available: 43%
  - Partially available: 57%
  - Not available: <1%
  - Not normally provided: 0%

- Emergency medical care center (n=19):
  - Available: 85%
  - Partially available: 15%
  - Not available: <1%
  - Not normally provided: 0%

- Individual provider PHC (n=19):
  - Available: 22%
  - Partially available: 78%
  - Not available: <1%
  - Not normally provided: 0%

- Other (n=39):
  - Available: 100%
  - Partially available: 0%
  - Not available: <1%
  - Not normally provided: 0%

*Chart excludes health facilities where the service is not normally provided.
MEDICAL ASSISTANCE FOR ACUTE MYOCARDIAL INFARCTION

Service availability

- Available
- Partially available
- Not available
- Not normally provided

Service availability by health facility type

- PHC Center (n=317)
  - Available: 99%
  - Partially available: <1%
- PHC Center with spec. services (n=104)
  - Available: 99%
  - Partially available: <1%
- Emergency medical care center (n=9)
  - Available: 100%
  - Partially available: 0%
- Individual provider PHC (n=19)
  - Available: 100%
  - Partially available: 3%

Main reasons of unavailability

- Lack of medical equipment: 68%
- Lack of staff: 50%
- Lack of financial resources: 32%
- Lack of training: 27%
- Lack of medical supplies: 23%

Main reasons of unavailability by oblast

- Kyivska (n=5)
  - Lack of staff: 75%
  - Lack of medical supplies: 25%
- Mykolaivska (n=2)
  - Lack of medical equipment: 100%
  - Lack of financial resources: 0%
- Odeska (n=7)
  - Lack of staff: 25%
  - Lack of medical supplies: 75%

Service availability by oblast

<table>
<thead>
<tr>
<th>Oblast</th>
<th>Available</th>
<th>Partially available</th>
<th>Not available</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mykolaivska</td>
<td>70%</td>
<td>10%</td>
<td>20%</td>
</tr>
<tr>
<td>Zaporizka</td>
<td>67%</td>
<td>17%</td>
<td>17%</td>
</tr>
<tr>
<td>Dnipropetrovska</td>
<td>64%</td>
<td>29%</td>
<td>7%</td>
</tr>
<tr>
<td>Kyivska</td>
<td>50%</td>
<td>25%</td>
<td>25%</td>
</tr>
<tr>
<td>Kharkivska</td>
<td>47%</td>
<td>40%</td>
<td>13%</td>
</tr>
<tr>
<td>Odeska</td>
<td>32%</td>
<td>50%</td>
<td>18%</td>
</tr>
<tr>
<td>Sumska</td>
<td>24%</td>
<td>53%</td>
<td>24%</td>
</tr>
<tr>
<td>Chemihivska</td>
<td>22%</td>
<td>56%</td>
<td>22%</td>
</tr>
<tr>
<td>Donetskau</td>
<td>78%</td>
<td>12%</td>
<td>10%</td>
</tr>
</tbody>
</table>

*Chart excludes health facilities where the service is not normally provided.*
**Medical Assistance in Acute Cerebral Stroke**

### Service Availability

- **84%** Available
- **12%** Partially available
- **2%** Not available

- **937** Services available

### Main Reasons of Unavailability

- Lack of medical equipment: **87%**
- Lack of staff: **52%**
- Lack of training: **30%**
- Lack of medical supplies: **26%**
- Lack of financial resources: **26%**

### Service Availability by Health Facility Type

- **PHC Center** (n=317):
  - <1% Not available
  - 100% Available

- **PHC Center with spec. services** (n=104):
  - <1% Not available
  - 99% Available

- **Emergency medical care center** (n=19):
  - <1% Not available
  - 100% Available

- **Individual provider** (n=19):
  - <1% Not available
  - 3% Available

### Main Reasons of Unavailability by Oblast

- **Mykolaivska** (n=13):
  - Lack of staff: **85%**
  - Lack of training: **14%**
  - Lack of medical equipment: **8%**

- **Kyivska** (n=20):
  - Lack of staff: **80%**
  - Lack of training: **10%**
  - Lack of medical equipment: **10%**

- **Dnipropetrovska** (n=22):
  - Lack of staff: **77%**
  - Lack of training: **18%**
  - Lack of medical equipment: **5%**

- **Kharkivska** (n=21):
  - Lack of staff: **76%**
  - Lack of training: **3%**
  - Lack of medical equipment: **19%**

- **Chemivska** (n=14):
  - Lack of staff: **71%**
  - Lack of training: **21%**
  - Lack of medical equipment: **7%**

- **Zaporizka** (n=7):
  - Lack of staff: **71%**
  - Lack of training: **14%**
  - Lack of medical equipment: **14%**

- **Odeska** (n=10):
  - Lack of staff: **63%**
  - Lack of training: **17%**
  - Lack of medical equipment: **20%**

- **Donetska** (n=11):
  - Lack of staff: **65%**
  - Lack of training: **36%**
  - Lack of medical equipment: **9%**

- **Sumka** (n=16):
  - Lack of staff: **50%**
  - Lack of training: **12%**
  - Lack of medical equipment: **38%**

### Service Availability by Oblast*

- **Mykolaivska** (n=13):
  - Available: **85%**
  - Partially available: **8%**
  - Not available: **8%**

- **Kyivska** (n=20):
  - Available: **80%**
  - Partially available: **10%**
  - Not available: **10%**

- **Dnipropetrovska** (n=22):
  - Available: **77%**
  - Partially available: **18%**
  - Not available: **5%**

- **Kharkivska** (n=21):
  - Available: **76%**
  - Partially available: **3%**
  - Not available: **19%**

- **Chemivska** (n=14):
  - Available: **71%**
  - Partially available: **21%**
  - Not available: **7%**

- **Zaporizka** (n=7):
  - Available: **71%**
  - Partially available: **14%**
  - Not available: **14%**

- **Odeska** (n=10):
  - Available: **63%**
  - Partially available: **17%**
  - Not available: **20%**

- **Donetska** (n=11):
  - Available: **65%**
  - Partially available: **36%**
  - Not available: **9%**

- **Sumka** (n=16):
  - Available: **50%**
  - Partially available: **12%**
  - Not available: **38%**

*Chart excludes health facilities where the service is not normally provided.
Availability of Cancer Diagnostics Services

Main reasons of unavailability (n = 137)
- Lack of medical equipment: 79%
- Lack of staff: 38%
- Lack of financial resources: 26%
- Lack of training: 20%
- Lack of medical supplies: 11%

Main reasons of unavailability by oblast

Service availability by health facility type
- PHC Center (n=317): 14% available, 8% partially available, 51% not available
- PHC Center with spec. services (n=104): 14% available, 51% not available
- Multi profile hospital (n=324): 26% available, 8% partially available, 24% not available
- Mono profile hospital (n=119): 28% available, 5% not available
- Individual provider PHC (n=19): 32% available, 7% not available
- Individual provider (spec. care) (n=7): 100% available

Service availability by oblast
- Dnipropetrovska (n=80): 81% available, 16% not available
- Kharkivska (n=91): 78% available, 21% not available
- Mykolaivska (n=31): 71% available, 29% not available
- Zaporizka (n=17): 71% available, 29% not available
- Chernivska (n=40): 70% available, 30% not available
- Sumska (n=33): 67% available, 30% not available
- Odeska (n=52): 54% available, 44% not available
- Kyivska (n=53): 51% available, 45% not available
- Donetsk (n=24): 42% available, 50% not available

*Chart excludes health facilities where the service is not normally provided.
AVAILABILITY OF CANCER TREATMENT SERVICES

Service availability

Service availability by health facility type

Main reasons of unavailability (n = 42)

Lack of medical equipment 71%
Lack of staff 67%
Lack of medical supplies 31%
Lack of financial resources 24%

Main reasons of unavailability by oblast

Service availability by oblast*

*Chart excludes health facilities where the service is not normally provided.
**PSYCHOLOGICAL FIRST AID**

### Service availability

- Available: 48%
- Partially available: 7%
- Not available: 43%
- Not normally provided: 2%

**Available** 938

### Main reasons of unavailability (n = 85)

- Lack of training: 59%
- Lack of staff: 45%
- Lack of medical equipment: 11%
- Lack of medical supplies: 5%
- Lack of financial resources: 18%

### Main reasons of unavailability by oblast

- Zaporizka (n=20)
  - Available: 100%
  - Not available: 1%
- Kharkivska (n=101)
  - Available: 94%
  - Not available: 6%
- Odeska (n=94)
  - Available: 87%
  - Not available: 7%
- Dnipropetrovska (n=87)
  - Available: 85%
  - Not available: 6%
- Sumskia (n=47)
  - Available: 83%
  - Not available: 17%
- Chemihovska (n=50)
  - Available: 82%
  - Not available: 18%
- Mykolavskia (n=48)
  - Available: 81%
  - Not available: 17%
- Kyivska (n=68)
  - Available: 72%
  - Not available: 22%
- Donetska (n=22)
  - Available: 59%
  - Not available: 27%

*Chart excludes health facilities where the service is not normally provided.*
OUTPATIENT MANAGEMENT OF MENTAL DISORDERS

Service availability

Main reasons of unavailability (n = 55)
- Lack of medical supplies: 49%
- Lack of training: 44%
- Lack of staff: 42%
- Lack of financial resources: 18%
- Lack of medical equipment: 15%

Main reasons of unavailability by oblast

Service availability by health facility type

Main reasons of unavailability by oblast

Service availability by oblast*

*Chart excludes health facilities where the service is not normally provided.
SKILLED CARE DURING CHILDBIRTH

Service availability

- Available
- Partially available
- Not available
- Not normally provided

<table>
<thead>
<tr>
<th>Service availability</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Available</td>
<td>938</td>
</tr>
<tr>
<td>Partially available</td>
<td>&lt;1%</td>
</tr>
<tr>
<td>Not available</td>
<td>14%</td>
</tr>
<tr>
<td>Not normally provided</td>
<td>85%</td>
</tr>
</tbody>
</table>

Service availability by health facility type

- Available
- Partially available
- Not available
- Not normally provided
- Not operational
- Not reporting

Main reasons of unavailability (n = 18)

- Lack of staff: 56%
- Lack of medical equipment: 39%
- Lack of medical supplies: 28%
- Lack of financial resources: 22%
- Lack of training: 11%

Main reasons of unavailability by oblast

- Odeska (n=27): Lack of staff 9%, Lack of medical equipment 5%, Lack of medical supplies 11%, Lack of financial resources 23%
- Kyivska (n=20): Lack of staff 5%, Lack of medical equipment 3%, Lack of medical supplies 5%
- Kharkivska (n=17): Lack of staff 2%, Lack of medical equipment 3%, Lack of medical supplies 6%
- Mykolaivska (n=15): Lack of staff 1%, Lack of medical equipment 6%, Lack of medical supplies 5%
- Chernihivska (n=15): Lack of staff 2%, Lack of medical equipment 6%, Lack of medical supplies 5%
- Kyivska (n=20): Lack of staff 2%, Lack of medical equipment 3%, Lack of medical supplies 5%
- Odeska (n=27): Lack of staff 9%, Lack of medical equipment 5%, Lack of medical supplies 11%, Lack of financial resources 23%
- Sumy (n=15): Lack of staff 4%, Lack of medical equipment 3%, Lack of medical supplies 5%
- Zaporizka (n=15): Lack of staff 3%, Lack of medical equipment 5%, Lack of medical supplies 6%

Service availability by oblast*

- Odeska (n=27): 96% Available, 4% Partially available, 0% Not available
- Kyivska (n=20): 95% Available, 5% Partially available, 0% Not available
- Kharkivska (n=17): 94% Available, 5% Partially available, 1% Not available
- Mykolaivska (n=15): 93% Available, 6% Partially available, 1% Not available
- Chernihivska (n=15): 89% Available, 7% Partially available, 4% Not available
- Kyivska (n=20): 86% Available, 14% Partially available, 0% Not available
- Odeska (n=27): 60% Available, 10% Partially available, 30% Not available
- Sumy (n=15): 60% Available, 10% Partially available, 30% Not available
- Zaporizka (n=15): 60% Available, 10% Partially available, 30% Not available
- Dnipropetrovska (n=19): 60% Available, 10% Partially available, 30% Not available
- Sumy (n=15): 60% Available, 10% Partially available, 30% Not available

*Chart excludes health facilities where the service is not normally provided.
**Basic Emergency Obstetric Care**

**Service availability**

- Available: 938
- Partially available: 14%
- Not available: 2%
- Not normally provided: <1%

**Service availability by health facility type**

- PHC Center (n=317): 11%
- Emergency medical care center (n=19): 18%
- Individual provider PHC (n=19): 10%
- PHC Center with spec. services (n=104): 32%
- Multi profile hospital (n=324): <1%
- Mono profile hospital (n=119): <1%
- Other (n=39): 5%

**Main reasons of unavailability**

- Lack of staff: 71%
- Lack of training: 35%
- Lack of medical equipment: 35%
- Lack of financial resources: 29%

**Main reasons of unavailability by oblast**

- Kyivska (n=22): 96%
- Dnipropetrovska (n=19): 95%
- Kharkivska (n=17): 94%
- Chernivska (n=10): 93%
- Odeska (n=30): 93%
- Mykolaivska (n=13): 92%
- Zaporizka (n=11): 91%
- Donetsk (n=19): 67%
- Sumska (n=12): 60%

**Service availability by oblast**

- Available: 100%
- Partially available: 25%
- Not available: 75%
- Not normally provided: 0%

*Chart excludes health facilities where the service is not normally provided.*
**Comprehensive Emergency Obstetric Care**

Service availability

- Available
- Partially available
- Not available

938

Service availability by health facility type

- PHC Center (n=317)
  - Available: 99%
  - Partially available: 1%
  - Not normally provided:

- PHC Center with spec. services (n=104)
  - Available: 99%
  - Partially available: 1%
  - Not normally provided:

- Emergency medical care center (n=19)
  - Available: 99%
  - Partially available: 1%
  - Not normally provided:

- Individual provider PHC (n=19)
  - Available: 90%
  - Partially available: 10%
  - Not normally provided:

- Multi profile hospital (n=324)
  - Available: 99%
  - Partially available: 1%
  - Not normally provided:

- Mono profile hospital (n=119)
  - Available: 99%
  - Partially available: 1%
  - Not normally provided:

- Other (n=39)
  - Available: 95%
  - Partially available: 5%
  - Not normally provided:

Main reasons of unavailability (n = 13)

- Lack of staff: 77%
- Lack of training: 31%
- Lack of medical supplies: 23%
- Lack of medical equipment: 31%
- Lack of financial resources: 15%

Service availability by oblast

<table>
<thead>
<tr>
<th>Oblast</th>
<th>Available</th>
<th>Partially available</th>
<th>Not available</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mykolaivska</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Odeska</td>
<td>97%</td>
<td></td>
<td>3%</td>
</tr>
<tr>
<td>Kyivska</td>
<td>95%</td>
<td></td>
<td>5%</td>
</tr>
<tr>
<td>Dniproptovsk</td>
<td>95%</td>
<td></td>
<td>5%</td>
</tr>
<tr>
<td>Kharkivska</td>
<td>94%</td>
<td></td>
<td>6%</td>
</tr>
<tr>
<td>Chemhivska</td>
<td>93%</td>
<td></td>
<td>7%</td>
</tr>
<tr>
<td>Zaporizka</td>
<td>88%</td>
<td></td>
<td>12%</td>
</tr>
<tr>
<td>Sumksa</td>
<td>67%</td>
<td></td>
<td>33%</td>
</tr>
<tr>
<td>Donetskia</td>
<td>67%</td>
<td></td>
<td>33%</td>
</tr>
</tbody>
</table>

*Chart excludes health facilities where the service is not normally provided.*
CLINICAL MANAGEMENT OF RAPE SURVIVORS

Service availability by health facility type

- PHC Center (n=317): 18% Available, 6% Partially available, 25% Not available
- PHC Center with spec. services (n=104): 29% Available, 7% Partially available, 53% Not available
- Emergency medical care center (n=19): 100% Available
- Individual provider PHC (n=19): 24% Available, <1% Partially available, 23% Not available
- Multi profile hospital (n=324): 53% Available, 6% Partially available, 18% Not available
- Mono profile hospital (n=119): 100% Available
- Other (n=39): 3% Available, 2% Partially available, 90% Not available

Main reasons of unavailability (n = 66)

- Lack of training: 67%
- Lack of staff: 62%
- Lack of financial resources: 18%
- Lack of medical supplies: 6%
- Lack of medical equipment: 3%

Main reasons of unavailability by oblast (n = 66)

- Chernihivska (n=31): 90% Available, 10% Not available
- Zaporizka (n=10): 90% Available, 10% Not available
- Sumskia (n=33): 82% Available, 12% Not available, 5% Not operational
- Kharkivska (n=60): 83% Available, 15% Not available, 2% Not operational
- Dnipropetrovska (n=56): 82% Available, 12% Not available, 5% Not operational
- Mykolaivska (n=33): 82% Available, 15% Not available, 3% Not operational
- Odeska (n=67): 81% Available, 13% Not available, 6% Not operational
- Kyivska (n=55): 76% Available, 18% Not available, 7% Not operational
- Donetska (n=10): 60% Available, 33% Partially available, 7% Not available

Service availability by oblast*

*Chart excludes health facilities where the service is not normally provided.
EPI

Service availability

Available
Partially available
Not available

Service availability by health facility type

Available
Partially available
Not available
Not normally provided
Not operational
Not reporting

Main reasons of unavailability (n = 27)

Lack of medical equipment
48%

Lack of staff
44%

Lack of medical supplies
26%

Lack of financial resources
22%

Lack of training
7%

Main reasons of unavailability by oblast

Service availability by oblast*

*Kharkivska (n=79)

*Chart excludes health facilities where the service is not normally provided.
**LOCAL PRIORITY DISEASES**

### Service availability

- **Available**: 64%
- **Partially available**: 32%
- **Not available**: 4%
- **Not normally provided**: <1%

Total: 938

### Main reasons of unavailability (n = 41)

- **Lack of staff**: 49%
- **Lack of training**: 41%
- **Lack of medical equipment**: 39%
- **Lack of medical supplies**: 20%
- **Lack of financial resources**: 24%

### Main reasons of unavailability by oblast

- **Chernihivska**: (n=3)
- **Dnipropetrovska**: (n=30)
- **Donetska**: (n=13)
- **Kharkivska**: (n=110)
- **Odeska**: (n=99)
- **Poltavska**: (n=58)
- **Sumska**: (n=52)
- **Zaporizka**: (n=23)
- **Kievska**: (n=83)
- **Mykolajivska**: (n=49)
- **Dnipropetrovska**: (n=127)

### Service availability by health facility type

- **PHC Center (n=317)**: 79%
- **PHC Center with spec. services (n=106)**: 87%
- **Multifunctional hospital (n=324)**: 43%
- **Emergency medical care center (n=119)**: 67%
- **Individual provider (n=7)**: 33%
- **Individual provider PHC (n=39)**: 8%

### Service availability by oblast*

- **Dnipropetrovska**: (n=127) 98%
- **Sumska**: (n=52) 96%
- **Chernihivska**: (n=58) 95%
- **Kharkivska**: (n=110) 94%
- **Odeska**: (n=99) 94%
- **Mykolajivska**: (n=49) 94%
- **Kievska**: (n=83) 90%
- **Donetska**: (n=42) 88%
- **Zaporizka**: (n=23) 78%

*Chart excludes health facilities where the service is not normally provided.

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45
HIV TESTING AND COUNSELING, PRE-EXPOSURE PROPHYLAXIS

Service availability

- Available
- Partially available
- Not available

Service availability by health facility type

- PHC Center (n=317)
- PHC Center with spec. services (n=104)
- Multi profile hospital (n=325)
- Mono profile hospital (n=119)
- Individual provider PHC (n=19)
- Other (n=39)

Main reasons of unavailability

- Lack of medical supplies: 50%
- Lack of staff: 23%
- Lack of training: 19%
- Lack of medical equipment: 19%
- Lack of financial resources: 19%

Main reasons of unavailability by oblast

- Mykolaivska (n=66)
- Kyivska (n=84)
- Chernivska (n=62)
- Dnipropetrovska (n=110)
- Odeska (n=112)
- Zaporizka (n=38)
- Kharkivska (n=112)
- Sumksa (n=63)
- Donetsksa (n=15)

Service availability by oblast*

- Available
- Partially available
- Not available

*Chart excludes health facilities where the service is not normally provided.
**Tuberculosis**

### Service availability

- Available: 21%
- Partially available: 9%
- Not available: 73%
- Not normally provided: 9%

Total: 938

### Main reasons of unavailability (n = 25)

- Lack of staff: 68%
- Lack of training: 32%
- Lack of medical supplies: 16%
- Lack of medical equipment: 28%
- Lack of financial resources: 24%

### Service availability by health facility type

- PHC Center (n=317): Available 35%, Partially available 2%, Not available 63%
- PHC Center with spec. services (n=104): Available 25%, Partially available 2%, Not available 7%
- Emergency medical care center (n=9): Available 100%, Partially available 8%
- Individual provider PHC (n=19): Available 11%
- Multi profile hospital (n=324): Available 100%, Partially available 8%
- Mono profile hospital (n=119): Available 100%, Partially available 8%
- Other (n=39): Available 11%, Partially available 8%

### Main reasons of unavailability by oblast

- Kharkivska (n=30): Available 100%, Partially available 0%
- Chernihivska (n=31): Available 100%, Partially available 0%
- Dnipropetrovska (n=39): Available 95%, Partially available 5%
- Mykolayivska (n=30): Available 93%, Partially available 7%
- Sumsubka (n=25): Available 88%, Partially available 12%
- Odeska (n=26): Available 85%, Partially available 15%
- Kyivska (n=44): Available 84%, Partially available 16%
- Donetskra (n=21): Available 81%, Partially available 19%
- Zaporizka (n=8): Available 62%, Partially available 25%

*Chart excludes health facilities where the service is not normally provided.*
Annex 1
Analysis of HeRAMS data collected in Khersonska oblast
Khersonska oblast was not accessible when the first round of HeRAMS data collection was launched, hence excluded. However, as the Ukrainian Government regained control over the taken parts of Khersonska oblast, it was decided to initiate data collection for the newly accessible health facilities. Due to security challenges and urgent need for information, data collection in Khersonska oblast was facilitated by a third-party monitoring group specialized in assessment of healthcare system in Ukraine (Zdorovi Agency LLC).

Data collection in Khersonska oblast commenced on January 17 and concluded on February 14, 2023. Data collection was conducted by two parallel groups to ensure that data was collected, analyzed, and presented along with data from 9 other priority oblasts most affected by the invasion.

Data was collected from 42 accessible health facilities, out of 71 registered before the war, of which 18 are primary health care facilities (out of 34 registered before the war) encompassing 34 health delivery units (out of 225 registered before the war); 23 specialized healthcare facilities (out of 36 registered before the war); 1 emergency healthcare facility (out of 1 registered before the war).

The data set analyzed is comprised of geographically distinct service delivery units operating under one legal entity (e.g., all ambulatories of the primary health care center) providing primary health care, multi and mono-profile health facilities. Consequently, it gives a comprehensive overview of the network of health facilities, damages, availability of services and basic amenities.

For building conditions, less than a half (n=75) of the assessed health facilities remained intact or sustained minor damage, while 9% (n=7) of health facilities, PHCs and multi-profile hospitals were declared destroyed in the conflict. The equipment remained intact in 57% of assessed health facilities but was destroyed in 12% of health facilities. Again, full equipment damage was only reported in PHCs and multi-profile hospitals.

The health facilities that were partially destroyed or undamaged (n=68), were assessed for functionality. Non-functionality was reported in 6% of cases, that is, in 4 health facilities including 2 non-functional PHCs and 2 mono-profile hospitals. Additionally, 29% of health facilities assessed were found to be partially functional. The main causes of non-functionality were lack of staff in 79% of cases, lack of security in 58% and lack of equipment in 50% of cases.

Non-functional facilities were excluded from the accessibility assessment and as a result accessibility was evaluated for the 64 remaining facilities. 2 PHCs were considered inaccessible, and additionally, 25 health facilities of all types were identified as partially accessible. The main reason for the limited accessibility was insecurity in 100% of cases.

If the health facility was assessed and not accessible, no further assessments were carried out. As a result, partner support data was collected from only 62 health facilities.

None of the health facilities reported being fully dependent on partner support, but 90% of them, including the 24 health facilities assessed in Beryslavskyi district, reported obtaining partial support from partners. Of 56 health facilities, which reported partner support, 96% received medical supplies and 62% received medical equipment. These patterns were dominant across the dataset.

All basic amenities were limited in availability for all indicators, the unavailability or partial availability of indicators were higher in Beryslavskyi district (of 24 assessed health facilities), then in Khersonskyi district (of 38 assessed health facilities). The main reasons given for the unavailability of basic amenities were the shortage of basic equipment, supplies and water.
Total unavailability of water and sanitation in health facilities was only reported in Beryslavskyi district. The unavailability of water was reported at 12% and unavailability of sanitation - in 21% respectively. Overall, water and sanitation were fully available in 68% and 58% of health facilities in the Khersonska oblast, respectively.

Waste disposal and segregation was only unavailable in 1 health facility (multi-profile hospital), but fully available in all other assessed health facilities. With respect to the final disposal of sharps and infectious waste, unavailability was reported in 23% and 27% of health facilities respectively, primarily in Beryslavskyi district. For all other health facilities, these indicators were flagged as 100% available.

Power and heating were reportedly fully available in 58% and 60% of health facilities assessed in the Kher­sonska oblast and partially available in 40% and 29% of health facilities respectively. Furthermore, power was not available in 1 PHC in the Beryslavskyi district, while heating was not available in 11% of health facili­ties of various types in both above mentioned districts.

Cold chain was unavailable in 33% of health facilities, most notably in the Beryslavskyi district, primarily in PHC providing only primary healthcare services (half of 34 health facilities) and in multi-profile hospitals (one third of 11 health facilities). Lack of equipment was noted as a reason for unavailability in 87% of the 23 health facilities that reported limited availability.

Adequate means of transportation were not available or partially available in 34% of health facilities, with 10% partially available and 24% not available. Unavailability was reported mostly in PHCs providing only primary healthcare services, with 40% of 34 health facilities.

Regarding communication equipment, unavailability was reported by 5 PHCs in Beryslavskyi district. At the same time, partial availability was reported in both Khersonskyi and Beryslavskyi districts for different types of health facilities, representing 42% of the visited health facilities. However, availability of connectivity was low in both districts, despite the availability of communication equipment. It was reportedly unavailable in 23% of health facilities and partially available in 37%.

For health information indicators, these did not apply to certain assessed health facilities because they do not regularly use health information systems but rather rely on other health service delivery units belonging to the same legal entity.

In terms of eHealth data availability and data entry into eHealth, the indicators had an almost equal dis­tribution of availability at 47% and 44%, respectively. 26% of facilities did not have the above-mentioned indicators available. Lack of equipment and staff were two main reasons reported as barriers to availability.

For general services, basic emergency care from prehospital providers was widely available, with full avail­ability in 92% of the assessed health facilities. However basic and advanced emergency care based on standardized definitions have limited availability. Additionally, basic emergency care was only fully available in 56% of cases, and partially available in 29% of cases. Unavailability was reported only by 3% of health facilities having only PHCs. Facilities reporting availability of basic emergency care were assessed for advanced syndrome-based management care. In 26% of health facilities, that were multi and mono-profile hospitals, this was reported as a service normally provided, of which 16% were fully available and partially available at 10% of health facilities. In Beryslavskyi district only one of three health facilities normally providing advanced care for the management of the syndrome - reported complete availability of this service. For inpatient critical care management, it was reported that this was a service typically provided only in multiple and mono-profile hospitals, representing 23% of health facilities, of which 18% were fully available and partially available at 5% of health facilities. In the Beryslavskyi district, only one of the three health facilities that
normally provide this service reported that it was fully available. For all the services mentioned above, the main barriers reported were lack of staff and equipment.

With respect to trauma care, definitive management of minor trauma was only reported as fully available in 56% of cases, while specialized services such as emergency and elective surgery and trauma ward availability were even more scarce, with 11% and 10% full availability respectively.

These were identified through the related diagnostic service indicators as follows: basic and specialized (48% and 19% of full availability) and laboratory, basic X-ray services and radiology unit availability (37% and 16% of full availability). For laboratory services the main obstacles were the lack of medical supplies and equipment, while for radiology services, the main obstacles reported were the lack of staff and equipment.

Concerning the expanded program of immunization, only 29% of health facilities reported availability. While 23% of PHCs providing only primary health care reported unavailability. The main barriers reported were lack of equipment with 88% of 24 facilities with limited availability, lack of staff with 42% of 24 facilities with limited availability, and lack of medical supplies with 88% of 24 facilities with limited availability.

Breastfeeding practices were available in 73% of health facilities and partial availability in 4% of health facilities. Growth monitoring was available at all health facilities normally provide the service at 68% of health facilities.

The services concerning tuberculosis, mainly diagnostics and treatment, were fully available in almost all health facilities that normally providing these services (21%), 2% of health facilities reported partial availability of the indicator, these services were available at all types of health facilities, except emergency medical services (ambulances).

For other communicable disease indicators, diagnosis and treatment of local priority diseases was fully available in 55% of health facilities, but partially available in 23% health facilities. 23% of health facilities reported that they did not normally provide this service. The distribution of availability between types of health facilities was uneven: the service was fully available in 49% (n=35) of PHCs providing only primary health care services, 100% (n=6) of PHCs providing specialized care services, 55% (n=11) of multi-profile hospitals, 56% (n=9) of mono-profile hospitals that were not normally provided by emergency medical service (ambulance). The unequal distribution of service availability existed between the districts of Khersonskyi (93% fully available out of 30 health facilities) and Beryslavskyi (33% fully available of 18 health facilities). The main obstacles to the service availability reported in 14 health facilities were lack of medical equipment (64%), lack of training (57%), and lack of staff (36%).

While diagnostics and treatment of local priority diseases was widely available across the two assessed districts, only 3 health facilities reported full availability of case management for severe or complicated communicable diseases. The unavailability of service was described by lack of staff reported in 2 health facilities, lack of medical equipment reported in 1 health facility, and lack of medical supplies reported in 1 health facility.

On preparedness for epidemics and emergencies, full availability was reported in 4 health facilities and partial availability in 2 health facilities that normally maintain their respective capacities. The two health facilities with limited availability of the above-mentioned indicator reported lack of staff as the main obstacle, while one reported lack of financial resources to sustain the availability of the services.

The services for HIV (testing, counselling, and pre-exposure prophylaxis) were fully available in 69% of all health facilities, 11% reported partial availability and 2% reported unavailability of this indicator. These servic-
es were available at all types of health facilities, with the exception of emergency medical services (ambulances). Unavailability of service reported was due to lack of staff (4 health facilities), lack of training (1 health facility), and lack of medical supplies (6 health facility) with limited availability of service. The antiretroviral treatment was less available than other HIV-related services. It was fully available in 23% of health facilities, while it was partially available in 2% and not available in 8% of health facilities. Antiretroviral treatment was reported to be generally not provided in 68% of health facilities. The main barriers to availability of service were reported as follows: lack of staff (3 health facilities), lack of medical equipment (2 health facilities), and lack of medical supplies (4 health facilities).

For sexual and reproductive health (maternity and newborn care), antenatal care services were only fully available in 18% of health facilities and were partially or not available in 32% and 10% of health facilities, respectively. Across types of service providers, full availability was reported in 14% of PHCs providing only primary health care, 17% of PHCs providing specialized health care, 36% of multi-profile hospitals, and 11% of mono-profile health facilities. Of the 26 health facilities that reported barriers to availability, 81% reported lack of medical supplies, 65% reported lack of staff, and 42% reported lack of medical equipment.

Obstetrics care was assessed at 3 levels: specialized care during delivery, and basic and comprehensive emergency obstetric care. Obstetric service availability was limited across all three levels. Skilled care during childbirth was generally not provided in 47% of health facilities. For the rest of health facilities, full availability was claimed in 16% of health facilities, partial availability and unavailability were reported in 18% and 19%, respectively. None of the health facilities in the Beryslavskyi district reported full availability of the service. The limited availability of the services was explained by lack of staff (65% of health facilities), lack of training (61% of health facilities), and lack of medical supplies (87% of health facilities) in 23 health facilities with limited availability.

Basic and comprehensive emergency obstetric care services were fully available in 8% and 5% of health facilities, respectively, partially available in 3% and 2% of health facilities respectively, and unavailable in 2% of health facilities. None of the health facilities in the Beryslavskyi district reported full availability of comprehensive emergency obstetric care. The health facilities with limited availability reported lack of staff, medical supplies, and equipment.

Postnatal care services were fully available in 56% of health facilities and were partially or unavailable in 10% and 2% of health facilities, respectively. Across types of service providers, full availability was claimed in 74% of PHCs providing only primary health care, 100% of PHCs providing specialized health care, and 27% of multi-profile hospitals. Of 7 health facilities, which reported limited availability, 100% reported lack of staff, and 71% reported lack of medical equipment.

The indicator of clinical management of rape survivors, was assessed to be fully available in only 18% of health facilities. The main barriers reported were lack of staff (83% of 29 facilities with limited availability), lack of training (42% of 29 facilities with limited availability), lack of medical supplies (31% of 29 facilities with limited availability). None of the health facilities in the Beryslavskyi district reported full availability of clinical management of rape survivors’ services.

For the NCD outpatient services, the availability indicator was relatively high across all types of health service providers. 69% of health facilities reported full availability, 24% reported partial availability, while the remainder of health facilities reported that the services were not generally provided.

Among the 15 health facilities where service delivery was assessed, the main barriers reported were lack of medical equipment (60%), lack of medical supplies (53%), and lack of staff (40%).
Regarding the cancer diagnostic services, they were reported as fully available in only 15% of health facilities, 47% reported partial or unavailable services (3% of health facilities), 35% of health facilities claimed that the service was generally, not provided. 31 health facilities with limited availability reported lack of medical equipment (68%), lack of staff (45%), and lack of training (26%) as barriers to availability of services. None of the health facilities in Beryslavskyi district claimed full availability of cancer diagnostics services.

Cancer treatment services were fully available in only 3 health facilities, partially available in 6 health facilities and unavailable in 2 health facilities, other health facilities reported that the services were not normally provided. 8 health with service availability limitations reported lack of staff (62%), lack of medical supplies (50%), lack of medical equipment (25%). Again, none of the health facilities in the Beryslavskyi district reported having full availability of cancer diagnostics services.

For the availability of medical assistance in acute cerebral stroke and in acute myocardial infarction only 3 and 2 health facilities claimed full availability of these services (only multi-profile hospitals). Most of the health facilities reported that such services were not normally provided. Medical assistance for acute cerebral stroke was not available in Beryslavskyi district, all 3 health facilities providing this assistance were located in Khersonskyi district. For acute myocardial infarction assistance in, one health facility providing this service was located in each of the two districts. The limited availability of services in health facilities that normally provide this type of support was explained by the lack of staff and lack of equipment (100% for both services).

For mental health services, they were assessed according to 3 levels: psychological first aid, outpatient, and inpatient care. In terms of psychological first aid, it was reported as fully or partially available in 29% and 15% of health facilities, respectively. In 11% of health facilities (including all health facilities in the Beryslavskyi district) the service was unavailable. 16 health facilities with limited-service availability reported lack of staff (69%), lack of training (50%), and lack of financial resources (25%).

Outpatient management of mental disorders had low availability and only 11% of health facilities reported this service as available. 20% (n=12) of health facilities reported either partial availability (15%) or (5%) unavailability of the service. Across all types of health facility only 1 of the 41 PHCs reported that the service was fully available. The indicator was fully available in 4 out of 11 multi-profile hospitals and in 2 out of 9 mono-profile hospitals.

Inpatient care was fully available at all 3 health facilities that normally provide this type of care.

The core service domains with barriers of service availability are represented on the charts below:
### Service domains overview in Khersonska oblast

<table>
<thead>
<tr>
<th>Service Domain</th>
<th>Available (%)</th>
<th>Partially Available (%)</th>
<th>Not Available (%)</th>
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<tbody>
<tr>
<td>Trauma and General Services</td>
<td>73</td>
<td>20</td>
<td>6</td>
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<tr>
<td>Child Health</td>
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<td>16</td>
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<tr>
<td>Communicable Diseases</td>
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<td>14</td>
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<td>Sexual and Reproductive Health</td>
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<td>20</td>
<td>19</td>
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<td>Maternal and Newborn Care</td>
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<td>15</td>
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<td>Non Communicable Diseases</td>
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<td>25</td>
<td>14</td>
</tr>
<tr>
<td>MHPSS</td>
<td>50</td>
<td>33</td>
<td>17</td>
</tr>
</tbody>
</table>

#### MHPSS
- Non Communicable Diseases
- Maternal and Newborn Care
- Sexual and Reproductive Health
- Communicable Diseases
- Child Health
- Trauma and General Services

#### Bar Graphs

- **Trauma and General Services**
  - Available: 32%
  - Partially Available: 6%
  - Not Available: 20%
- **Child Health**
  - Available: 35%
  - Partially Available: 5%
  - Not Available: 12%
- **Communicable Diseases**
  - Available: 35%
  - Partially Available: 13%
  - Not Available: 12%
- **Sexual and Reproductive Health**
  - Available: 32%
  - Partially Available: 12%
  - Not Available: 12%
- **Maternal and Newborn Care**
  - Available: 27%
  - Partially Available: 10%
  - Not Available: 44%
- **Non Communicable Diseases**
  - Available: 35%
  - Partially Available: 11%
  - Not Available: 15%
- **MHPSS**
  - Available: 41%
  - Partially Available: 27%
  - Not Available: 16%

**Lack of**
- Lack of staff
- Lack of training
- Lack of medical supplies
- Lack of medical equipment
- Lack of financial resources