

HeRAMS Ukraine Status update report

July 2024



A comprehensive mapping of
the operational status of health
facilities



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ACRONYMS

eHealth	Electronic Health Information System
EPI	Expanded Programme on Immunization
HeRAMS	The Health Resources and Services Availability Monitoring System
HIV/AIDS	Human immunodeficiency virus infection and acquired immunodeficiency syndrome
HSDU	Health Service Delivery Unit
ICU	Intensive care unit
MDRTB	Multidrug-resistant tuberculosis
MHPSS	Mental Health and Psychosocial Support
MOH	Ministry of Health
NCD	Non-Communicable Diseases
PHC	Primary Health Centre
PMTCT	Prevention of Mother to Child Transmission
STI	Sexually Transmitted Infections
WHO	World Health Organization

Executive summary

The Health Resources Availability Monitoring System (HeRAMS) is a WHO-initiated platform designed to support the collection, processing, and dissemination of information on the availability, accessibility, and functionality of health resources and services.

In the context of the complex emergency in Ukraine, HeRAMS has been deployed in coordination with the Ministry of Health (MoH) to facilitate assessment of health sector needs and plan service delivery.

HeRAMS covers functionality and condition of health facilities, availability of basic amenities, and service provision across various healthcare domains such as trauma, child health, communicable diseases, sexual and reproductive health, maternal and newborn care, non-communicable diseases, and mental health.

From November 2022 to May 2023, baseline data was collected from 2,333 public health facilities, expanding to over 9,000 health service delivery units (HSDUs) between March and October 2023. HSDUs include first aid points, family medicine ambulatories, and polyclinics under primary healthcare centers, multiprofile hospitals, or territorial medical unions. Baseline data were continuously compared for compatibility and consistency with new data, therefore current analysis is conducted based on 11,712 records of existing health facilities located in government-controlled territories.

Regarding structural damage, 90% of PHC facilities, 89% of multi-profile health facilities, 85% of mono-profile health facilities, and 94% of existing HSDUs remain intact (overall 93% of facilities covered by HeRAMS). Of the 826 health facilities with infrastructure damage, 88% were conflict-related, mainly in the North-East, East, South-East, and South of Ukraine. Inadequate maintenance caused 9% of the damage, predominantly in Central and Western Ukraine. Regions with the highest % of damage include Kharkivska (6.6% fully damaged, 19.9% partially damaged of 633), Chernihivska (33.2% partially damaged of 310), Donetsk (15.6% fully damaged, 36.8% partially damaged of 269), and Khersonska (9% fully damaged, 48.3% partially damaged of 89).

95% of health facilities report equipment intact, namely 93% of PHC and multi-profile health facilities, 92% of mono-profile health facilities, and 96% of HSDUs. Of the 573 health facilities with equipment damage, 95% were due to conflict-related incidents. Oblasts with higher equipment damage include Chernihivska (19.7% partially damaged of 310), Kharkivska (8.8% fully damaged, 13.9% partially damaged of 635), Donetsk (21.2% fully damaged, 25.7% partially damaged of 269), and Khersonska (10.1% fully damaged, 41.6% partially damaged of 89).

In the assessment of health facilities that didn't sustain damage or were partially damaged, out of 11,593 evaluated, a significant majority, 96%, remained fully functional. A regional analysis showed that in Kharkivska, 514 out of 593 facilities were fully functional, representing 86.7%, with 7.6% partially functional and 5.73% non-functional. Zaporizka reported 184 fully functional facilities, which is 82.5% of the 223 assessed, alongside 9% partially functional and 8.5% non-functional. In Khersonska, 54 facilities were fully functional, accounting for 66.7% of the 81 assessed, with 28.4% partially functional and 4.9% non-functional. Lastly, Donetsk had 135 fully functional facilities, making up 59.5% of the 227 assessed, with 24.2% partially functional and 16.3% non-functional.

Accessibility assessments of the 11,378 at least partially functional health facilities shows 96% were fully functional, and 97% of full accessibility. In Zaporizka, out of the health facilities assessed, 92.2% are fully accessible, while 7.8% are partially accessible. Rivnenska shows a slightly lower percentage of fully accessible health facilities at 90%, with 10% being partially accessible. Donetsk presents more diverse accessibility, with 75.8% fully accessible, 22.6% partially accessible, and a small fraction, 1.6%, not accessible. Khersonska has the lowest percentage of fully accessible health facilities at 63.6%, with 32.5% partially accessible and 3.9% not accessible. These figures indicate a commendable level of accessibility amid challenging conditions.

The main factors impacting functionality are staff shortages (51%), security concerns (31%), and facility

damage (26%). Security issues (46%), infrastructural constraints for people with limited mobility (38%), and physical barriers (19%) hinder accessibility.

This trend of limited accessibility and functionality, especially in the regions mentioned, underscores an urgent need for infrastructural and policy interventions. Despite the resilience shown by health system, there is a clear need to address infrastructural concerns in specific regions to ensure the continued provision of health services.

The health service domains overview provides a detailed look at the availability of health services and the barriers affecting their delivery across various domains. In the domain of trauma and general services, 92% of services are available, 7% are partially available, and 1% are not available. The primary barrier to service delivery in this domain is the lack of medical equipment (34%) and lack of staff (21%), along with shortages in medical supplies, financial resources, and training. In Donetska, only 80% of trauma and general services are available, with significant barriers like lack of medical equipment (34%) and a lack of staff (22%). In Khersonska, availability drops further to 74%, with similar barriers, highlighting severe challenges in this region. For child health, services are mostly available, with 96% fully available, 3% partially available, and 1% not available the biggest obstacle being the lack of staff (37%). Other major barriers include a lack of financial resources, medical equipment, training, and medical supplies. However, child health services are available only in 78% of health facilities in Khersonska, with major barriers including a lack of staff (43%) and a lack of medical equipment (41%).

In the communicable diseases domain, 96% of services are available, with 4% partially available. The most prominent barrier is the lack of staff (32%), followed by challenges related to training, financial resources, medical equipment, and medical supplies. Donetska oblast shows a notable decrease in availability at 94%, with a lack of staff being the most significant barrier (36%). Khersonska also reports lower availability at 83%, due to barriers such as a lack of staff at 41%.

The domain of sexual and reproductive health shows that 89% of services are available, 7% are partially available, and 4% are not available. The major barrier in this domain is the lack of medical supplies (34%). Other factors include insufficient training, financial resources, staff, and medical equipment. In Donetska, availability of sexual and reproductive health is notably low (48%), with a lack of medical supplies (46%) and lack of training (41%) impacting the service delivery. Khersonska also faces challenges, with only 61% availability due to major barriers like lack of staff at 39% and lack of medical supplies at 36%.

Maternal and newborn care services are available at 87%, with 12% partially available and 1% not available. The main challenge is the lack of medical supplies (39%). Other barriers include financial resources, medical equipment, staff, and training. In Khersonska, availability is significantly lower at 46%, with barriers like lack of medical supplies (44%) and lack of staff (27%).

In the non-communicable diseases domain, 91% of services are available, 7% are partially available, and 2% are not available. The lack of staff is the primary barrier (30%). Additional challenges include shortages in medical equipment, financial resources, training, and medical supplies. Notably, in Khersonska, availability is only 60%, with substantial barriers such as a lack of staff (42%) and medical equipment (28%).

Finally, in the mental health and psychosocial support domain, 87% of services are available, 10% are partially available, and 3% are not available. The most significant barrier here is a lack of training (32%). Other barriers include financial resources, staff, medical supplies, and medical equipment. In Donetska, of MHPSS services are available only in 53% of health facilities, with lack of training (46%) and lack of staff (29%) as main barriers impacting the delivery. In Khersonska, availability is critically low at 43%, with a lack of staff (45%) and lack of training (26%).

The health service domains overview reveals that while most health services are widely available across various domains, significant barriers exist hindering optimal delivery. Key challenges include a lack of staff, medical supplies, and equipment. Each domain faces unique issues that require targeted interventions to improve healthcare delivery. Addressing these barriers is crucial to enhancing the effectiveness and reach of health services, especially in regions like Donetska and Khersonska, where service availability is notably lower.

Methodology

Since November 2022, the HeRAMS has comprehensively gathered data from 2333 health facilities. This dataset encompasses almost all public health facilities across Ukrainian oblasts, excluding Luhanska oblast and Avtonomna Respublika Krym, and health facilities along the frontline. However, data from areas in the Donetska, Khersonska, and Zaporizka oblasts that are under temporary military control by the Russian Federation were not included in this analysis. Additionally, private health facilities, representing a smaller segment of Ukrainian healthcare infrastructure, were not included in this data collection. However, future data collection efforts may consider incorporating them to provide a more holistic view of the healthcare landscape in Ukraine.

The data collection began in November 2022 and concluded in February 2023, focusing initially on the nine most conflict-affected oblasts: Odeska, Mykolaivska, Zaporizka, Kharkivska, Donetska, Sumska, Chernihivska, Kyivska, Khersonska, and Dnipropetrovska oblasts. Except for Khersonska oblast, subnational focal points nominated by the oblasts' health departments were initially engaged in data collection. These focal points attended a two-day in-person training workshop to ensure familiarity with the questionnaire and ensure a common understanding of key concepts such as 'accessibility' and 'functionality' of a health facility.

In Khersonska oblast, due to the unstable security situation, data collection was initially facilitated by a third-party group specializing in health assessments. However, following the baseline data collection, the Khersonska oblast health department took responsibility for updating and expanding the data collection. The Round 1 of data collection resulted in a separate HeRAMS report "HeRAMS Ukraine First Round Results November 2022 - January 2023"¹.

In March 2023, data collection expanded to the remaining 13 oblasts of Ukraine and Kyiv city by subnational focal points who had been nominated by the local health departments (Zhytomyrska, Vinnytska, Cherkaska, Poltavska, Khmelnytska, Rivnenska, Kirovohradska, Volynska, Lvivska, Ternopilska, Chernivetska, Ivano-Frankivska, and Zakarpatska oblasts, and Kyiv city). The focal points had completed a standard two-day, in-person training prior to beginning data collection.

The questionnaire and training materials were adapted to the local context and translated into Ukrainian. All health facilities included in the master health facility list provided by the National Health Service of Ukraine were contacted. The overall response rate at the end of Round 1 was over 99%. For Round 2, the dataset was completed in accordance with the initial master health facility list. The data update for Round 1 was centrally initiated in mid-April, ensuring that data from the Round 1 regions are chronologically comparable with the data from other oblasts.

The findings of all-country baseline data collection complemented with the all-country interpretation workshop were published in the "HeRAMS Ukraine Baseline Report 2023: Operational status of the health system. November 2022 - May 2023"².

Between March and October 2023, the data collection effort was further expanded to include information about more than 9000 health service delivery units. HSDUs constitute distinct geographical points of care, such as first aid points, family medicine ambulatories, and polyclinics, falling under the jurisdiction of common legal entities, including primary healthcare centers, multiprofile hospitals, or territorial medical unions.

¹ HeRAMS Ukraine First Round Results November 2022 - January 2023. 2023 <https://www.who.int/publications/m/item/herams-ukraine-first-round-results-nov-2022-jan-2023>

² HeRAMS Ukraine Baseline Report 2023: Operational status of the health system. November 2022 - May 2023 <https://www.who.int/publications/m/item/herams-ukraine-baseline-report-2023-operational-status-of-the-health-system-nov-2022-may-2023-en>

During the expansion, baseline data was continuously updated by contributors to ensure chronological consistency for the analysis, and subsequent report “HeRAMS Ukraine Status Update Report May - October 2023”¹ was published.

Basic cleaning and logic checks were performed on the raw data to meet quality standards. Additional quality assurance measures were implemented through a piloted project involving third-party on-site verification at 70 health facilities located within a 10 to 50 kilometers zone from either the state border or the frontline areas in Donetska, Kharkivska, and Zaporizka oblasts. The findings of the verification revealed that the data variations between the HeRAMS platform and the observations of the monitoring group were only 6.37%. Notably, in half of the cases, the variations were due to changes in context and situation².

Following the insights gained from this pilot, a comprehensive 12-month third-party verification exercise is underway with the all-country data accuracy at the level of almost 90%³. This ongoing effort is designed to uphold high data quality standards and to promptly address any significant data variations.

1 HeRAMS Ukraine Status Update Report May - October 2023.2023 <https://www.who.int/publications/m/item/herams-ukraine-status-update-report-may-to-october-2023-en>

2 Summary Report: Third-Party Verification of HeRAMS Data in Kharkivska, Zaporizka, and Donetska Oblasts. 2023 <https://www.who.int/publications/m/item/herams-ukraine-third-party-verification-summary-report-kharkivska-zaporizka-donetska>

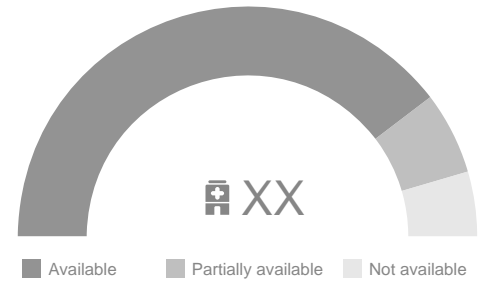
3 HeRAMS Ukraine verification snapshot: September - December 2023. 2024 <https://www.who.int/publications/m/item/herams-ukraine-verification-snapshot-september-to-december-2023>

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.



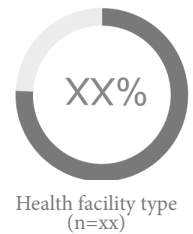
Column charts

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

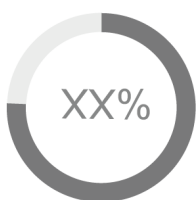
Each donut chart represents a type of health facility. The percentage of health facilities for which the indicators was available or partially available is shown inside the donut while the total number of health facilities included is shown at the bottom of the chart, below the health facility type name. 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”.

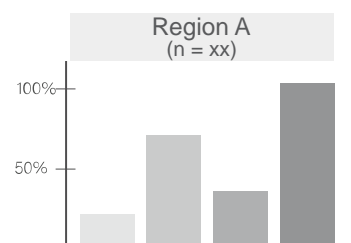
Donut charts



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



OPERATIONAL STATUS OVERVIEW*, JULY 2024

11712 health facilities assessed

 Building condition



119 Fully damaged
708 Partially damaged

 Equipment condition



141 Fully damaged
432 Partially damaged

 Functionality

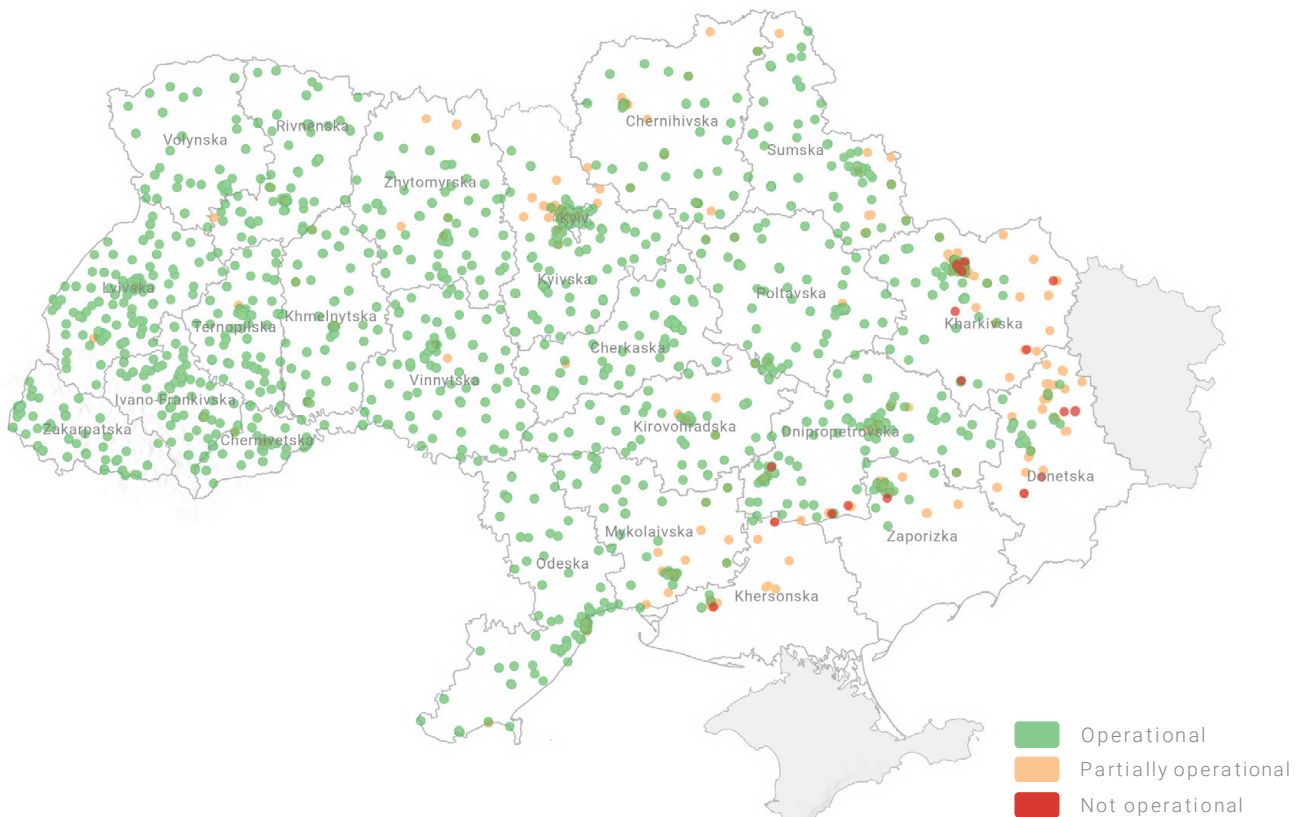
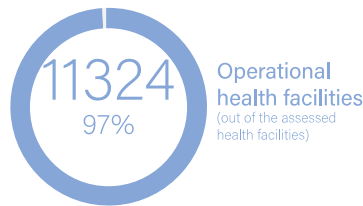


215 Not functioning
290 Partially functioning

 Accessibility



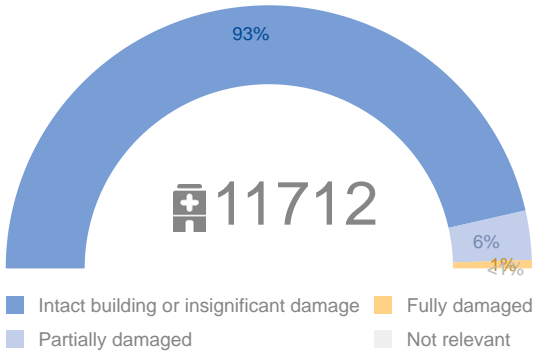
54 Not accessible
267 Partially accessible



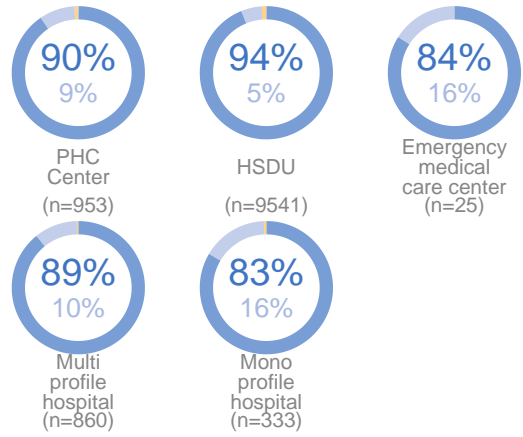
* HFs (Health Facilities) and HSDUs (Health Service Delivery Units) reported as destroyed, non-functioning, or inaccessible are deemed unable to provide any health services, hence categorized as non-operational. Consequently, reporting ends upon confirmation of an HSDU's non-operational status.

BUILDING CONDITION

Building condition overview



Building condition by health facility type



Main causes of damage

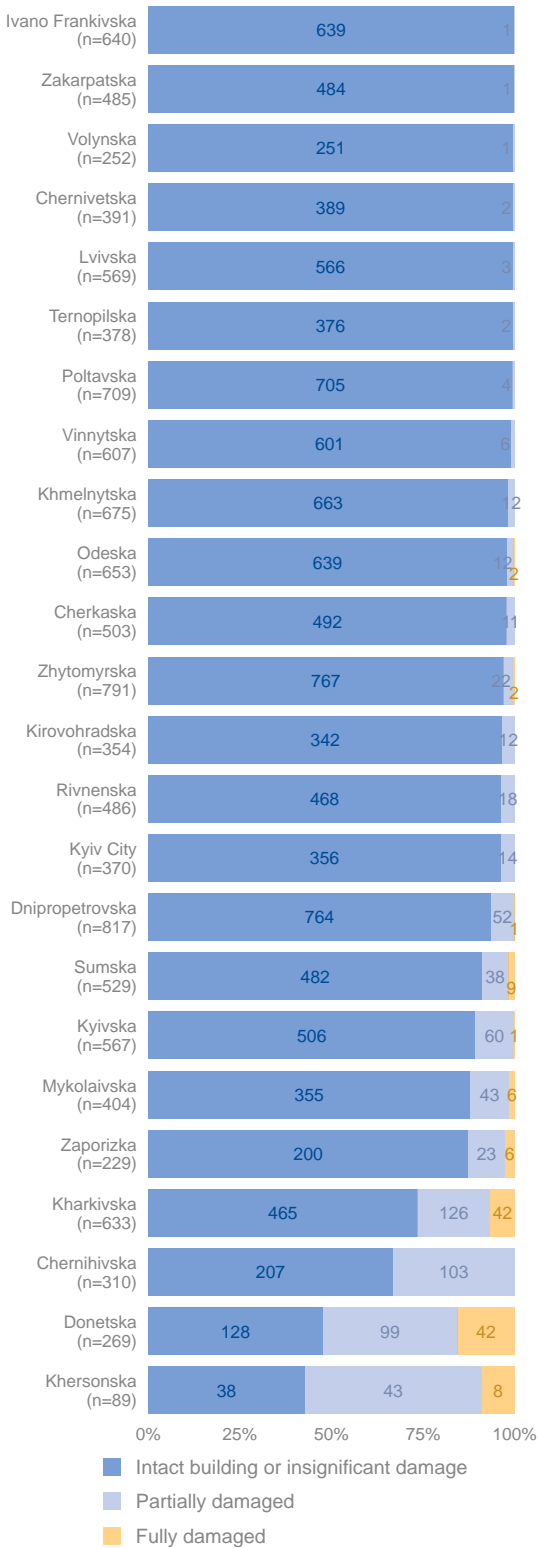
(n = 826)



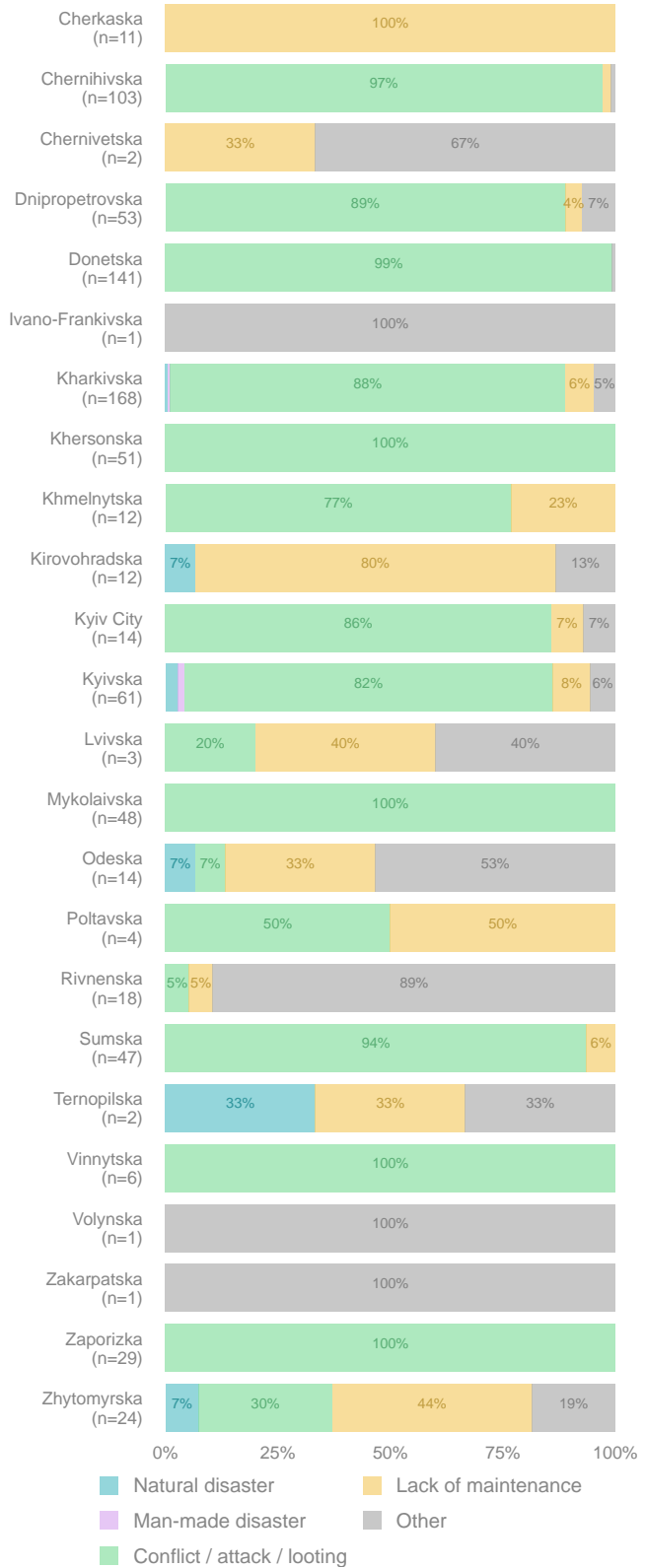
Map excludes HSDUs to avoid overlapping

BUILDING CONDITION

Building condition by oblast*



Main causes of damage by oblast**

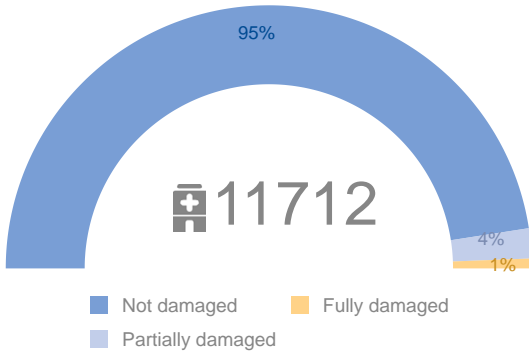


* Chart excludes health facilities without permanent structures

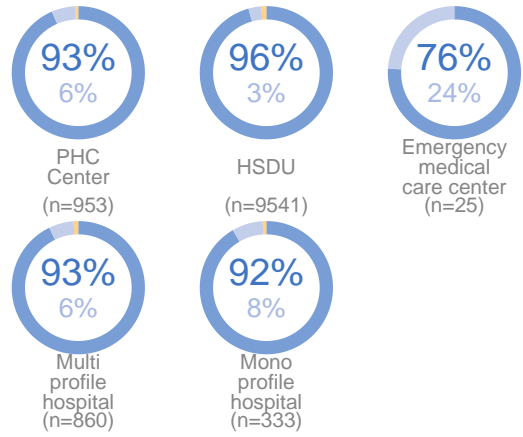
** Chart includes health facilities in which causes of damage were indicated

EQUIPMENT CONDITION

Equipment condition overview

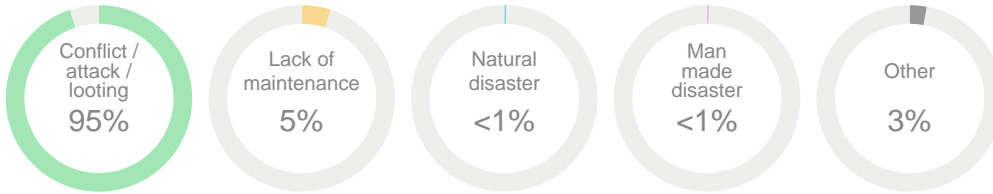


Equipment condition by health facility type



Main causes of damage

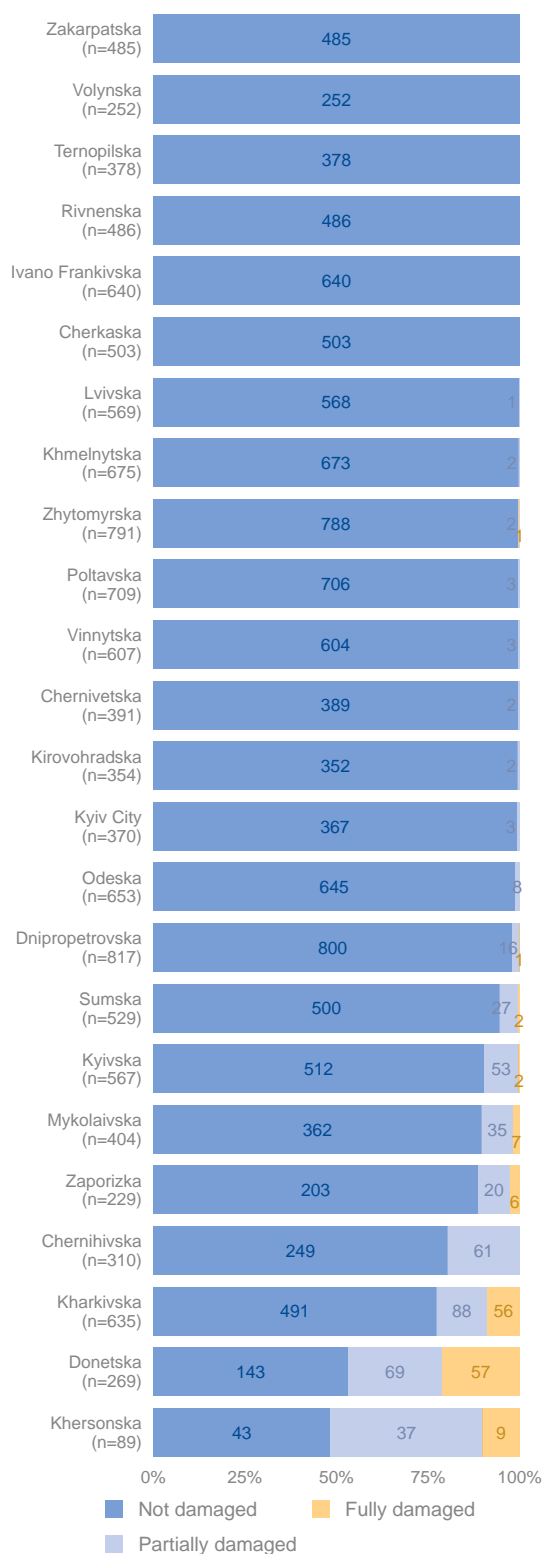
(n = 573)



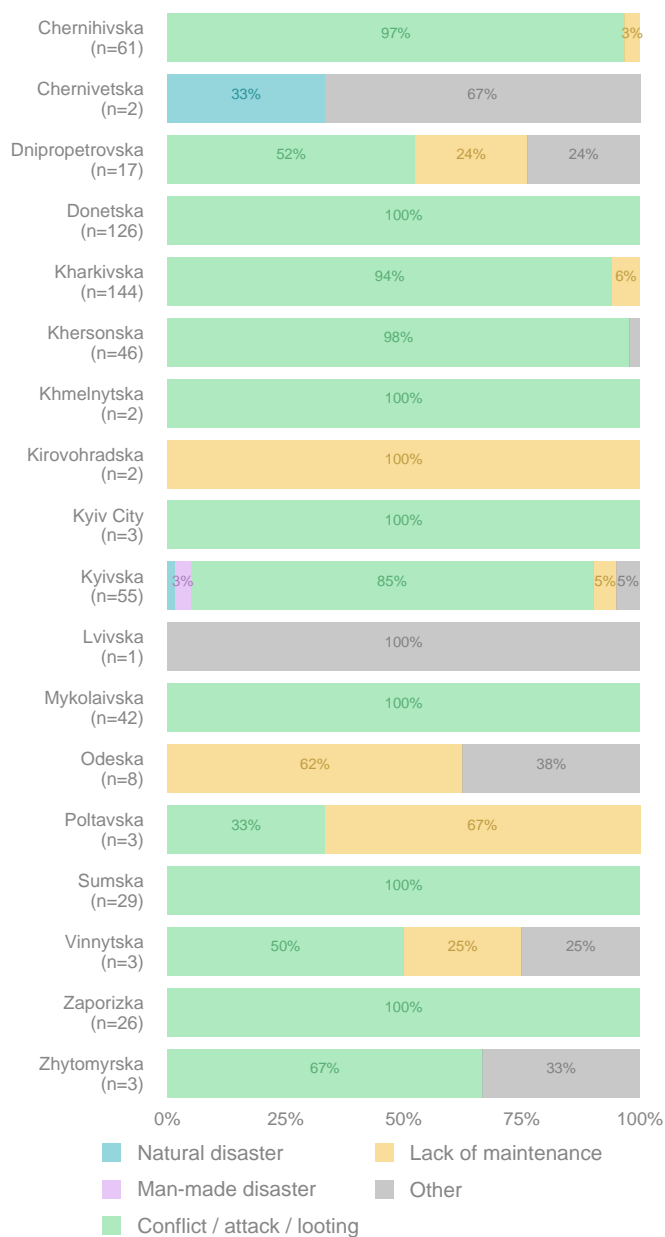
Map excludes HSDUs to avoid overlapping

EQUIPMENT CONDITION

Equipment condition by oblast



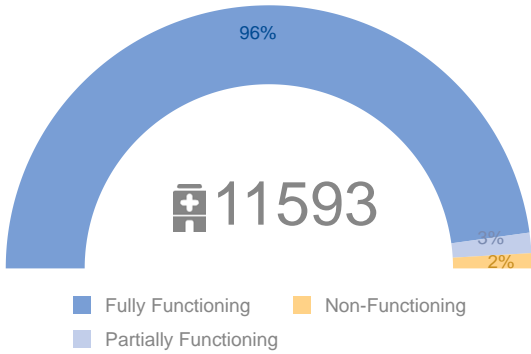
Main causes of damage by oblast*



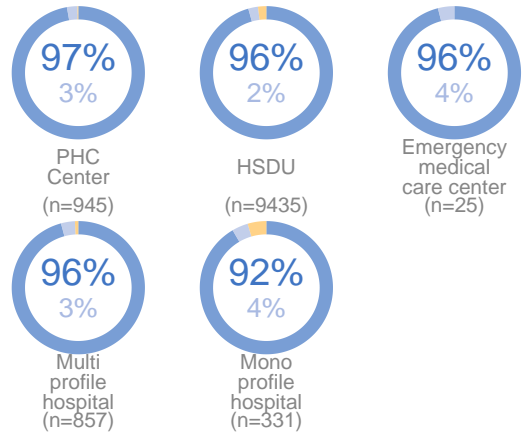
* Chart includes health facilities in which causes of damage were indicated

FUNCTIONALITY

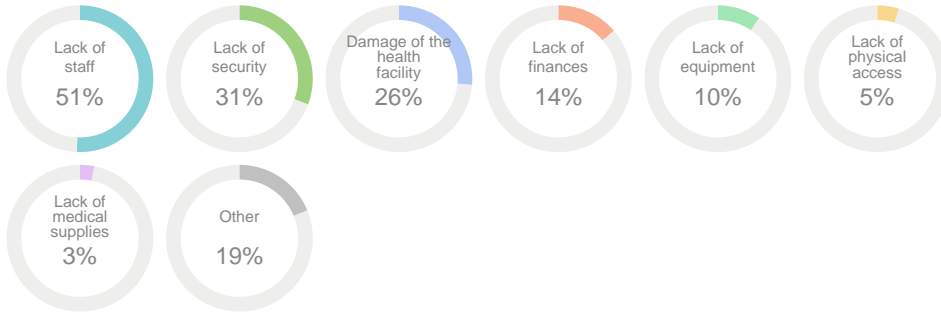
Functionality overview



Functionality by health facility type



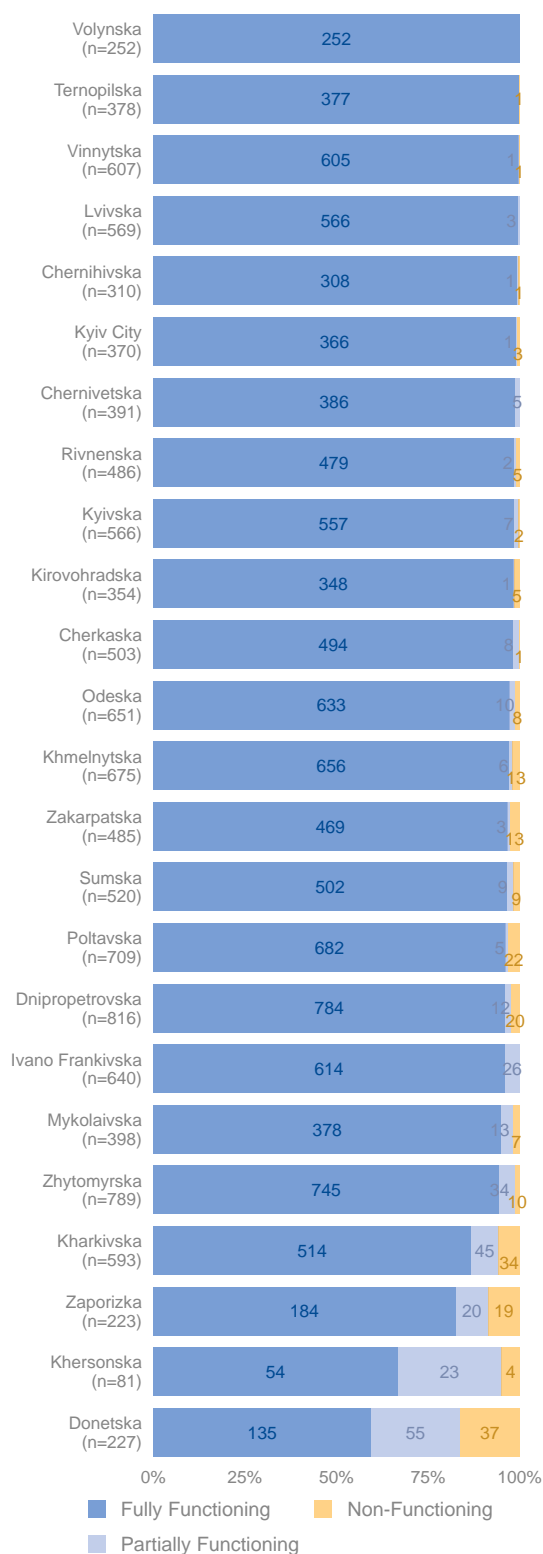
Main causes of non-functionality (n = 505)



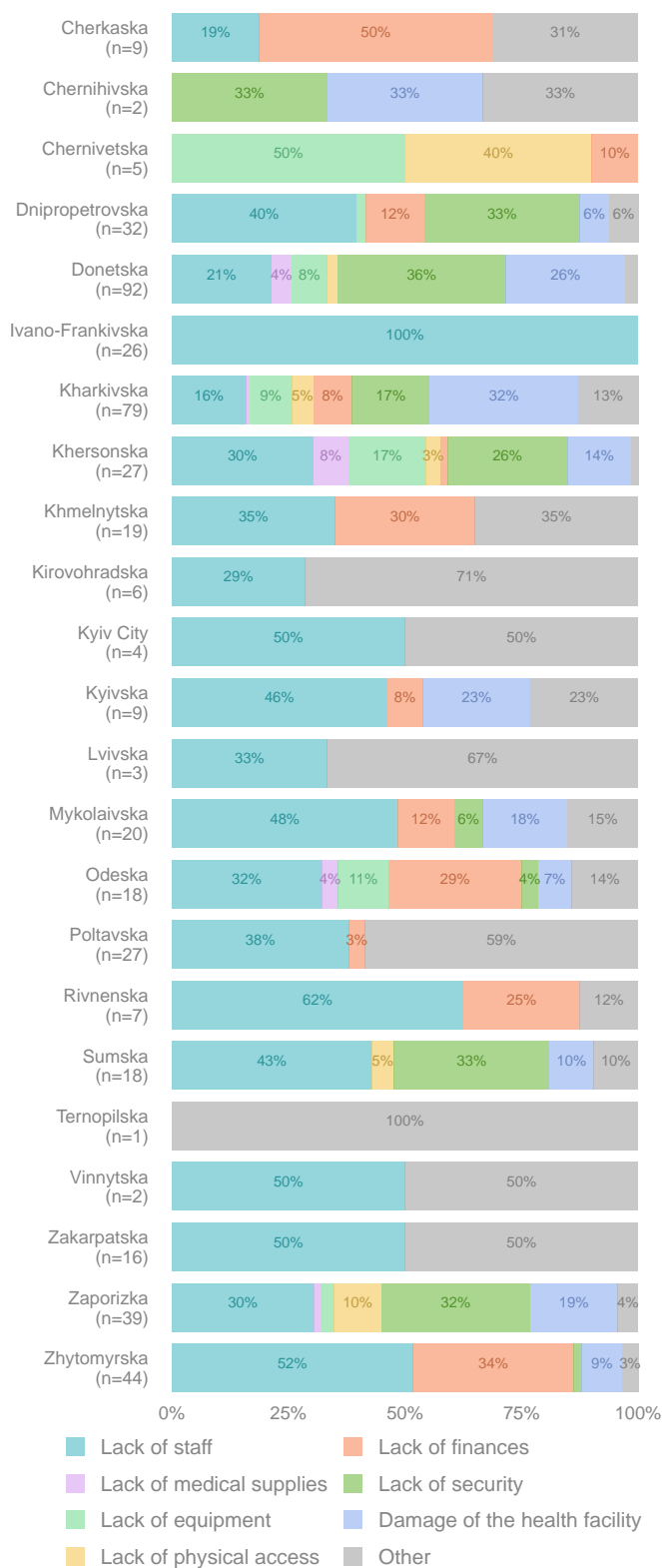
Map excludes HSDUs to avoid overlapping

FUNCTIONALITY

Functionality by oblast



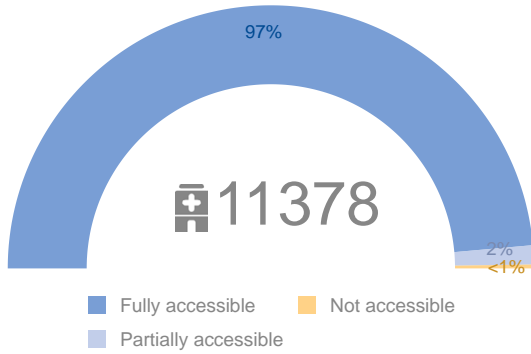
Main causes of non-functionality by oblast*



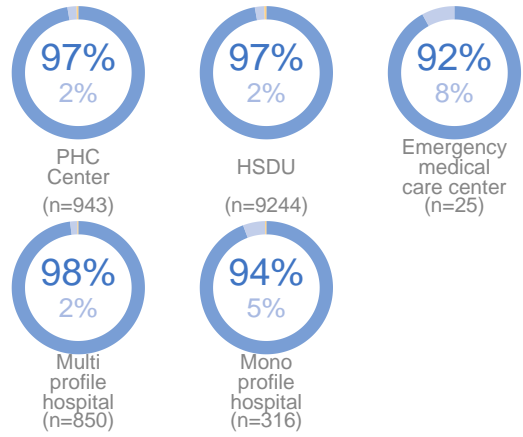
* Chart includes health facilities in which causes of non-functionality were indicated

ACCESSIBILITY

Accessibility overview

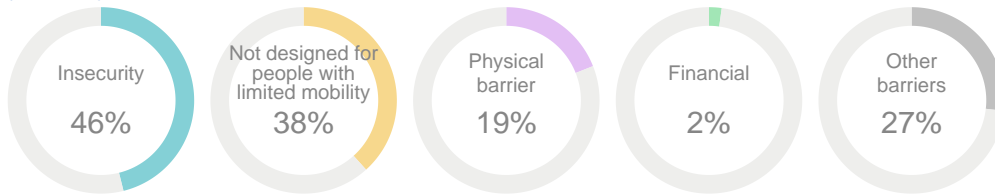


Accessibility by health facility type



Main causes of inaccessibility

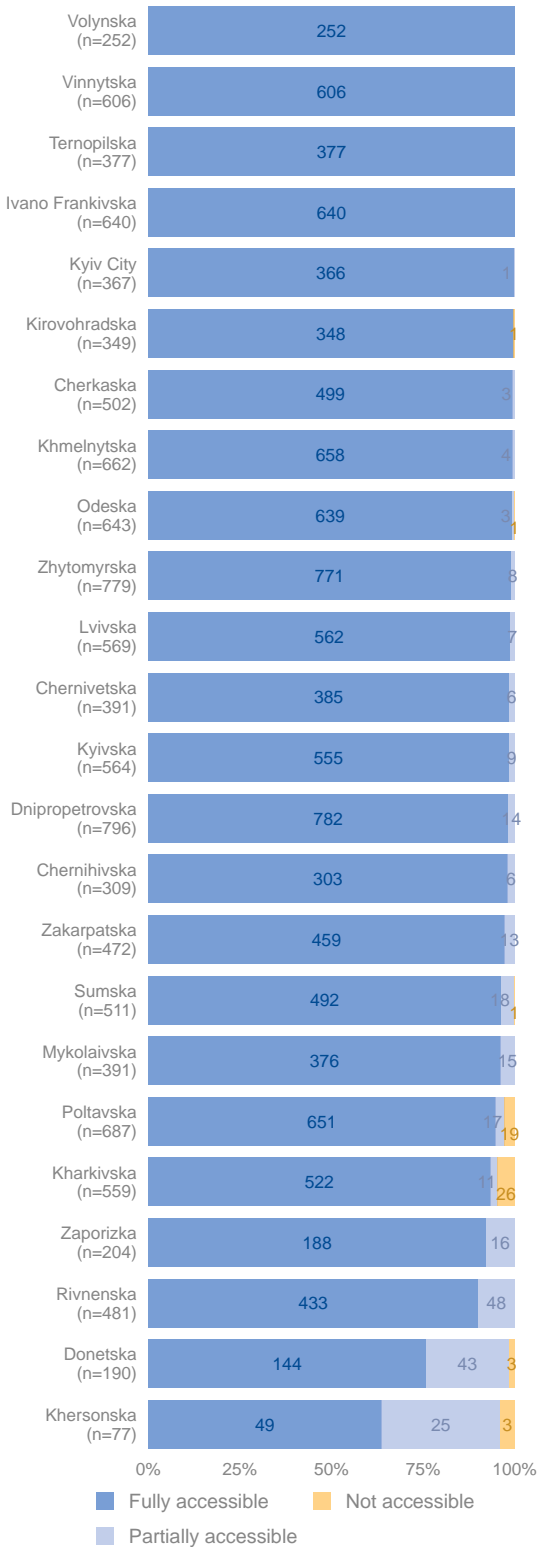
(n = 321)



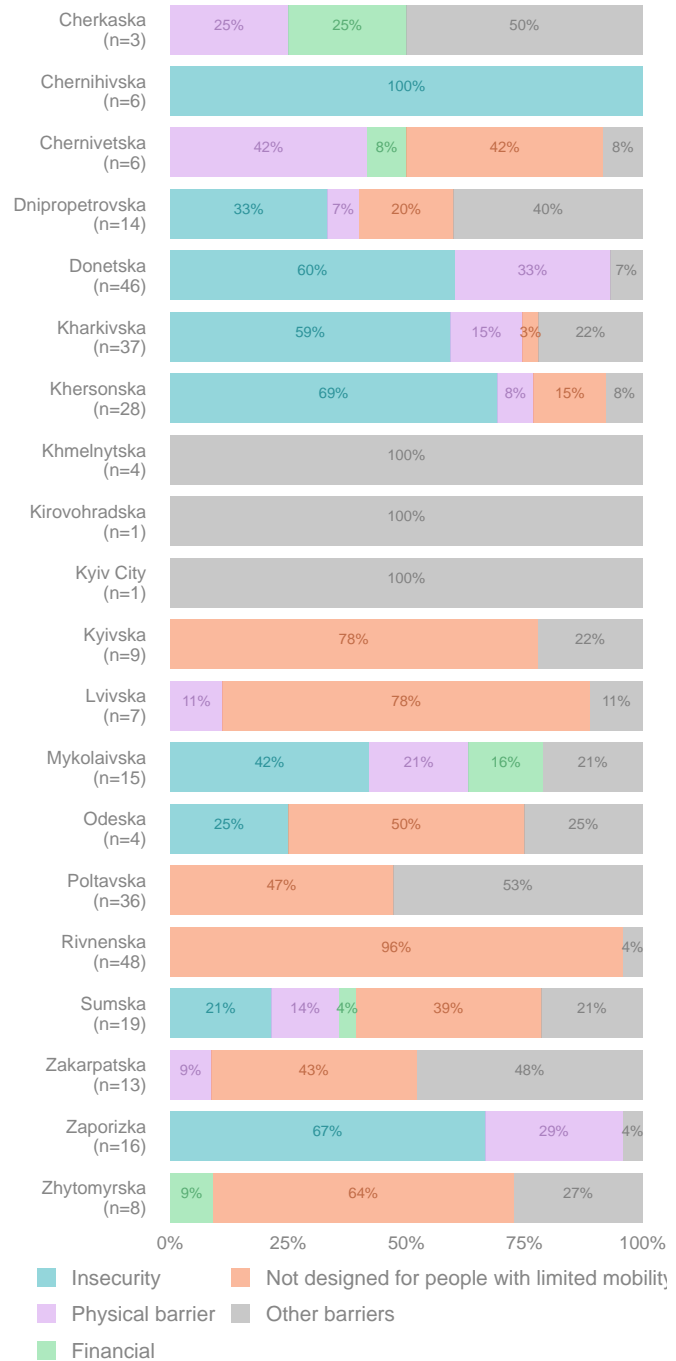
Map excludes HSDUs to avoid overlapping

ACCESSIBILITY

Accessibility by oblast



Main causes of inaccessibility by oblast*



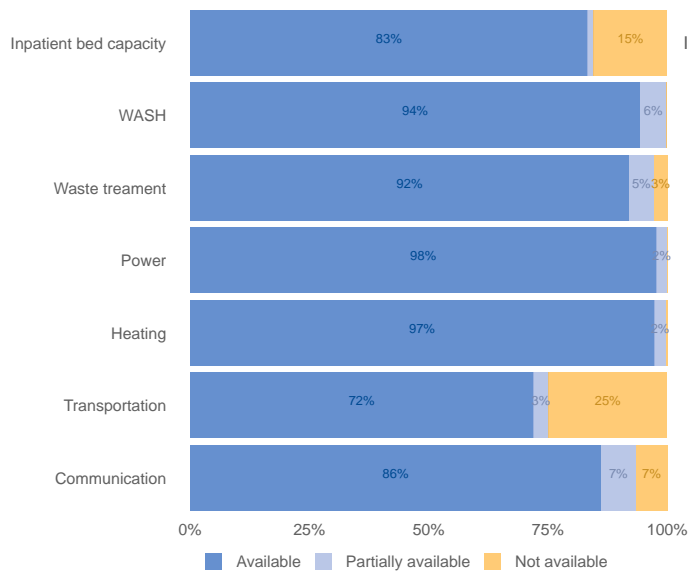
* Chart includes health facilities in which causes of inaccessibility were indicated

BASIC AMENITIES

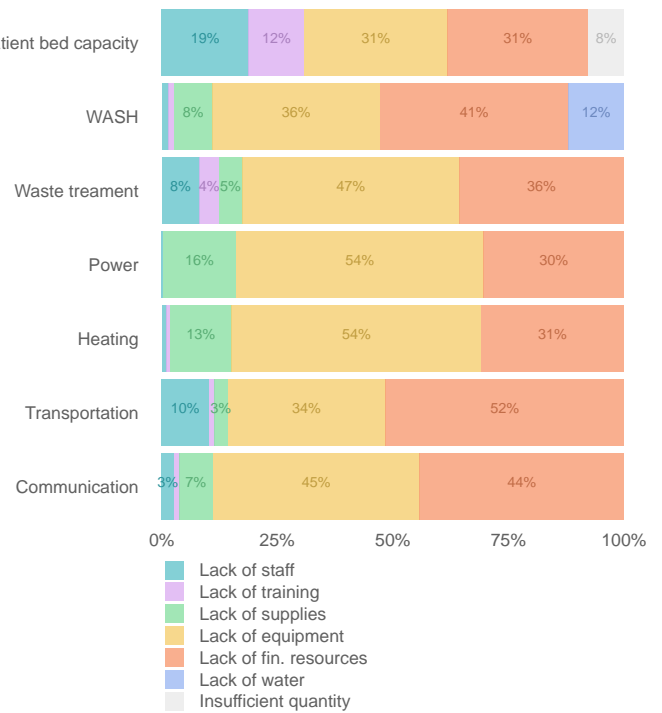


BASIC AMENITIES OVERVIEW*

Availability of basic amenities by groups



Main causes of unavailability

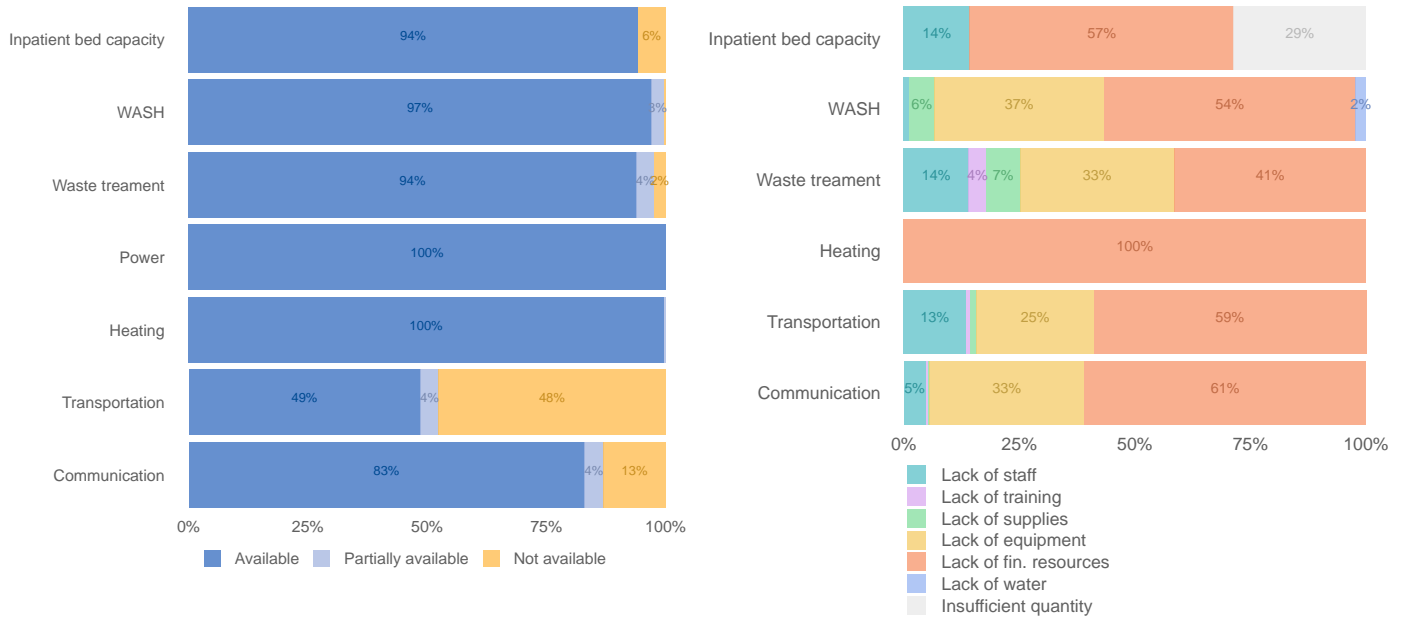


* Groups include the following indicators:

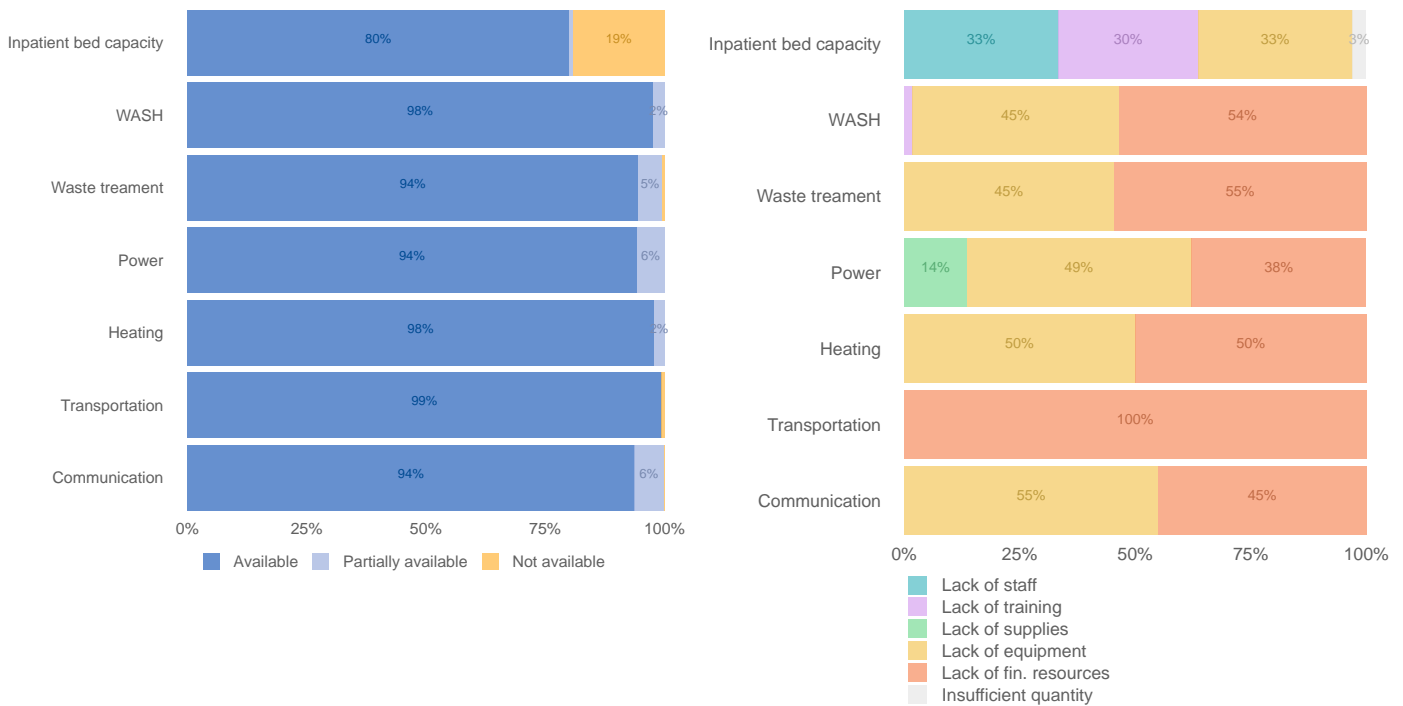
Group	Indicators
Inpatient bed capacity	ICU beds; Maternity beds; Other beds
WASH	Water availability; Availability of sanitation facilities; Availability of hand-hygiene facilities; Availability of cleaning equipment
Waste treatment	Waste segregation; Final disposal of sharps; Final disposal of infectious waste
Power	Power availability
Heating	Heating availability
Transportation	Transportation availability
Communication	Communications Equipment Sufficiency; Connectivity

BASIC AMENITIES OVERVIEW BY OBLASTS

Cherkaska

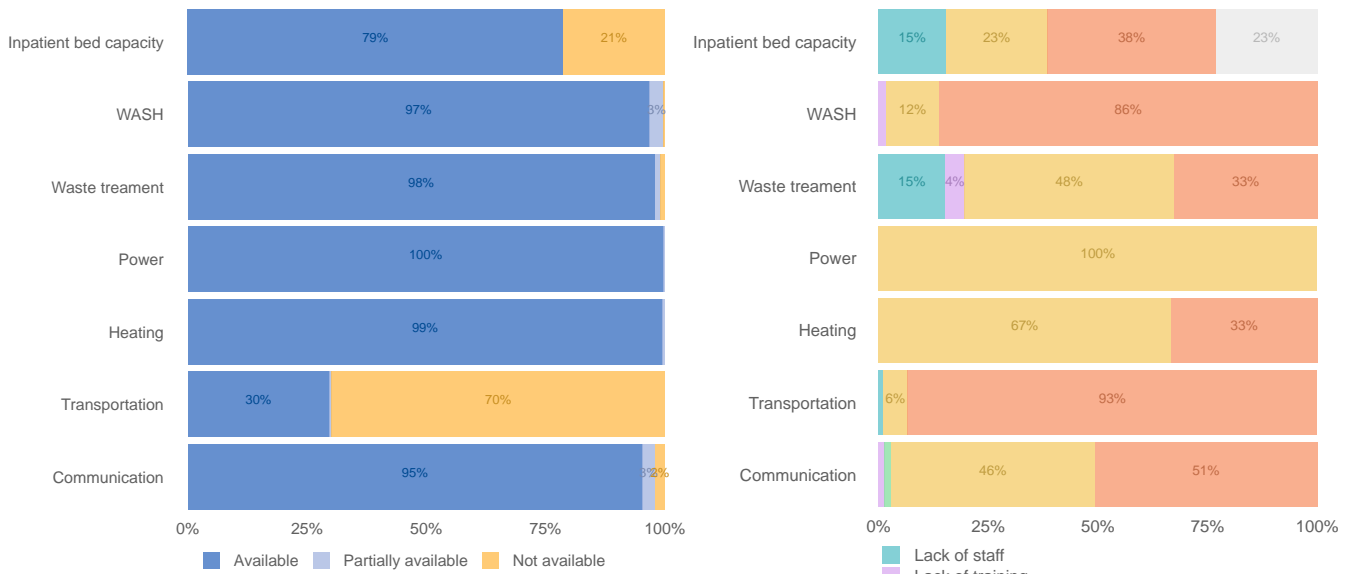


Chernihivska

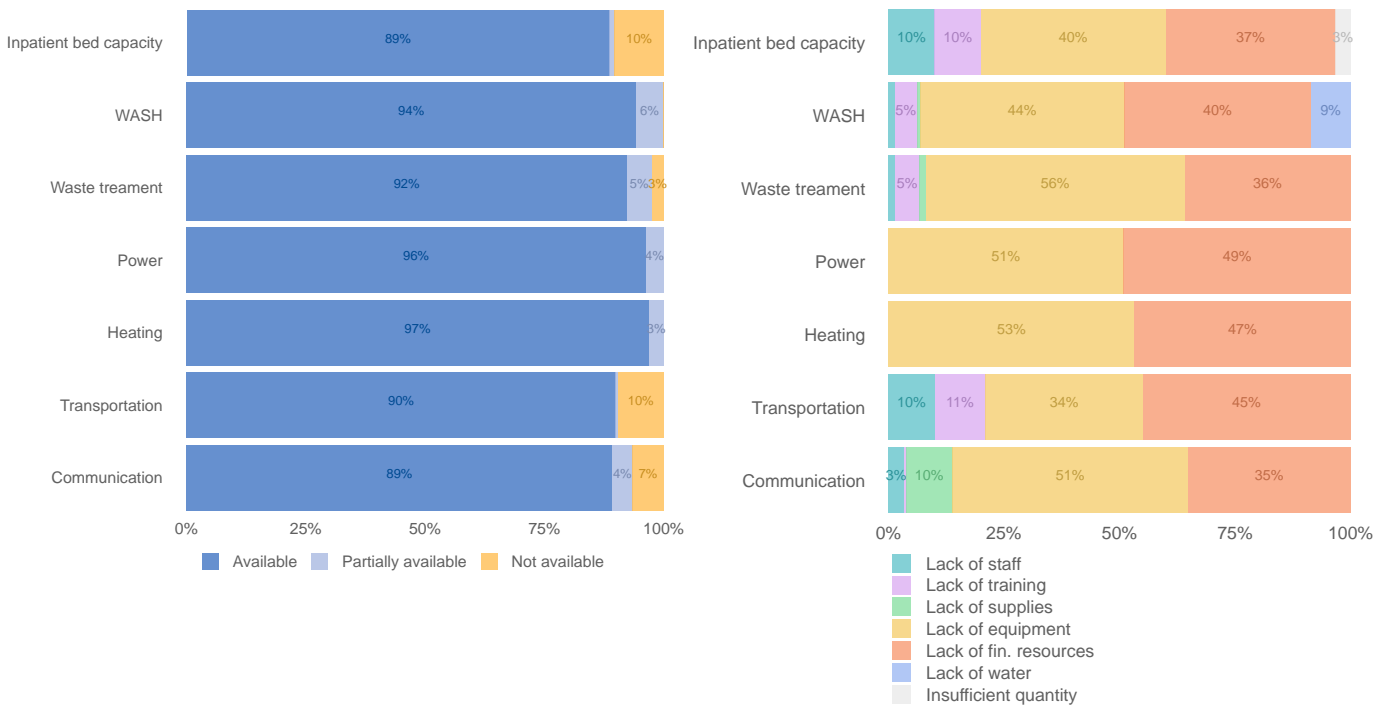


BASIC AMENITIES OVERVIEW BY OBLASTS

Chernivetska

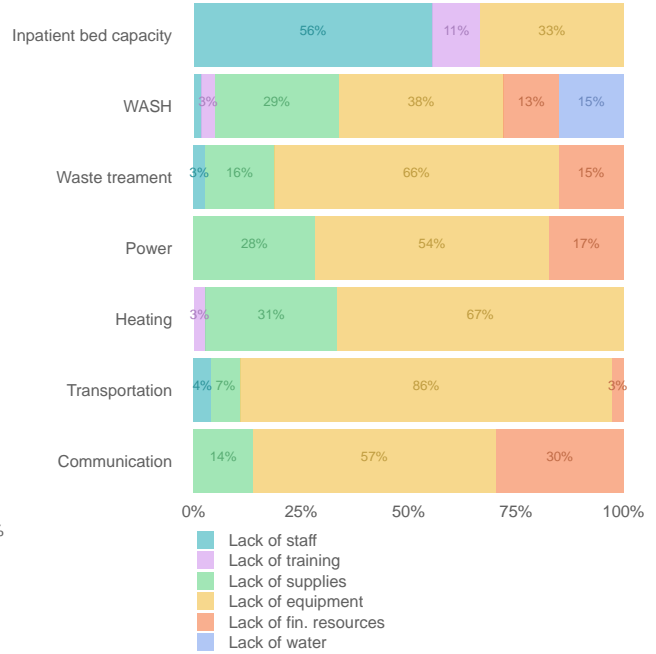
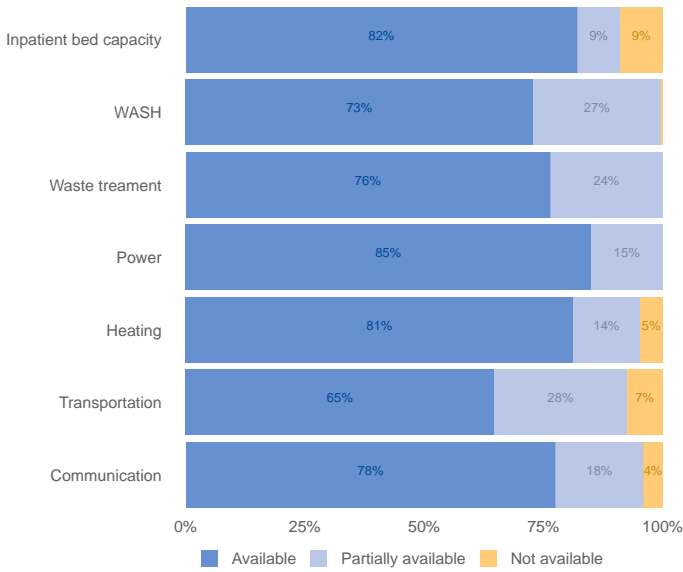


Dnipropetrovska

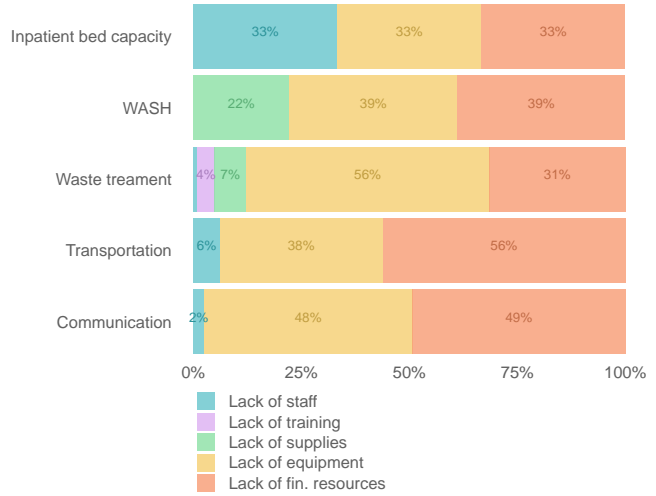
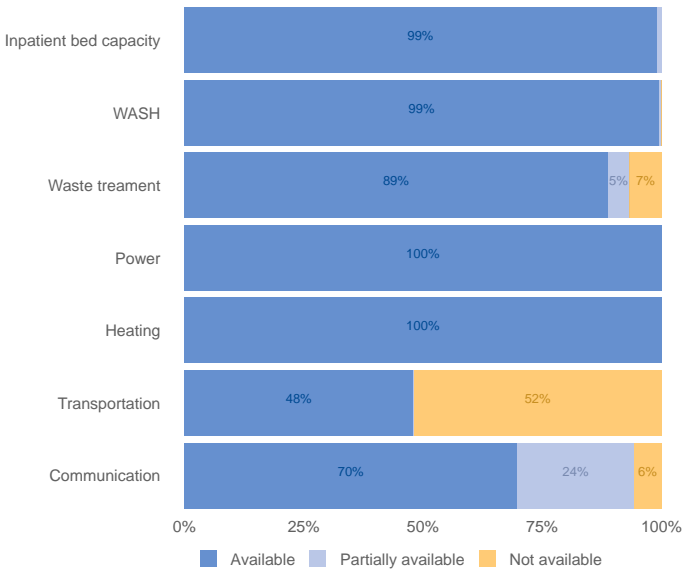


BASIC AMENITIES OVERVIEW BY OBLASTS

Donetska

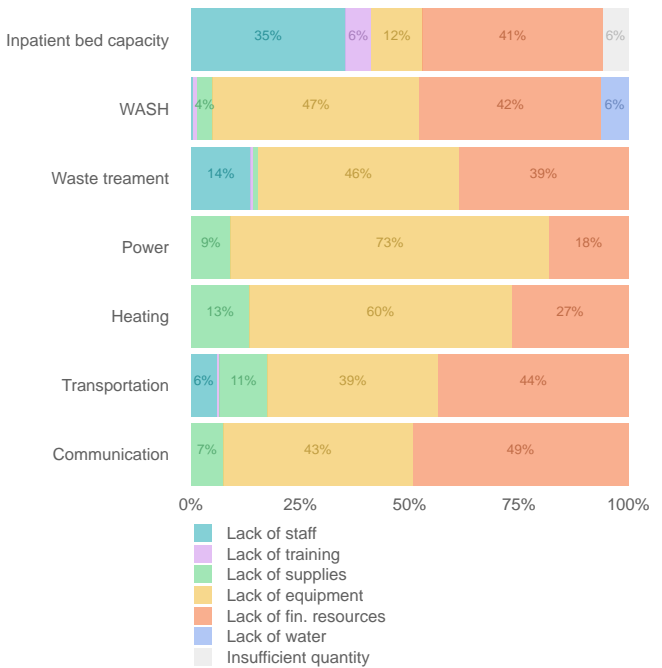
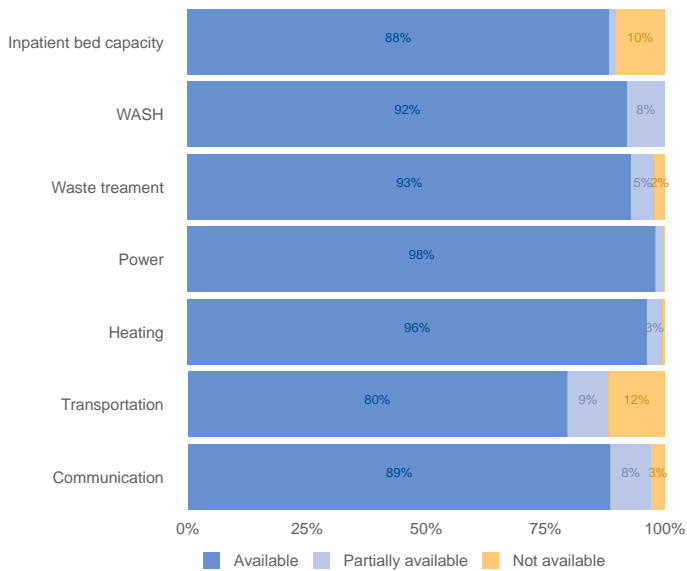


Ivano-Frankivska

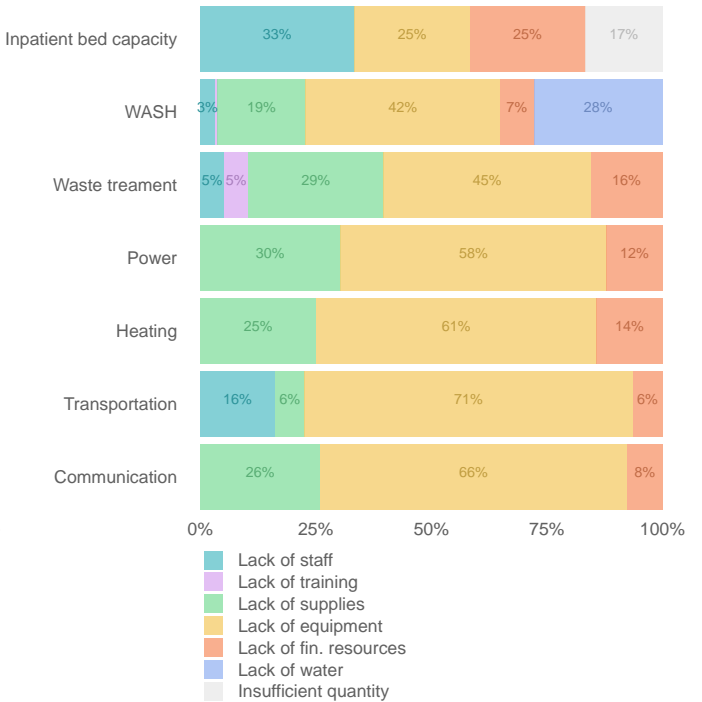
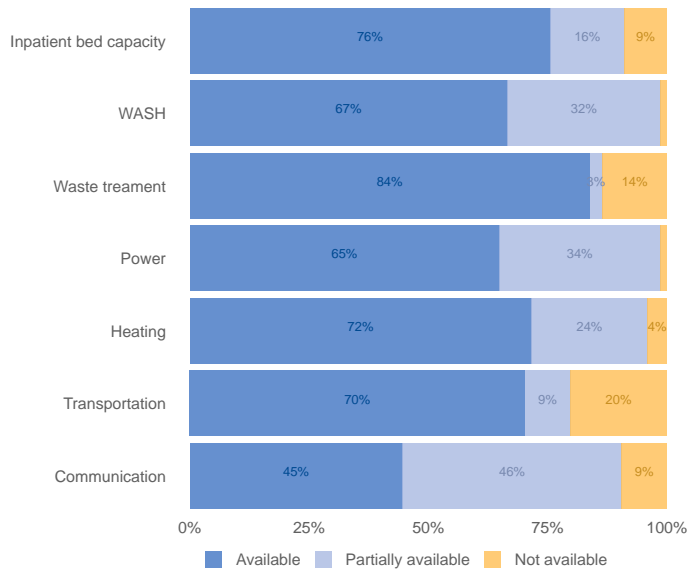


BASIC AMENITIES OVERVIEW BY OBLASTS

Kharkivska

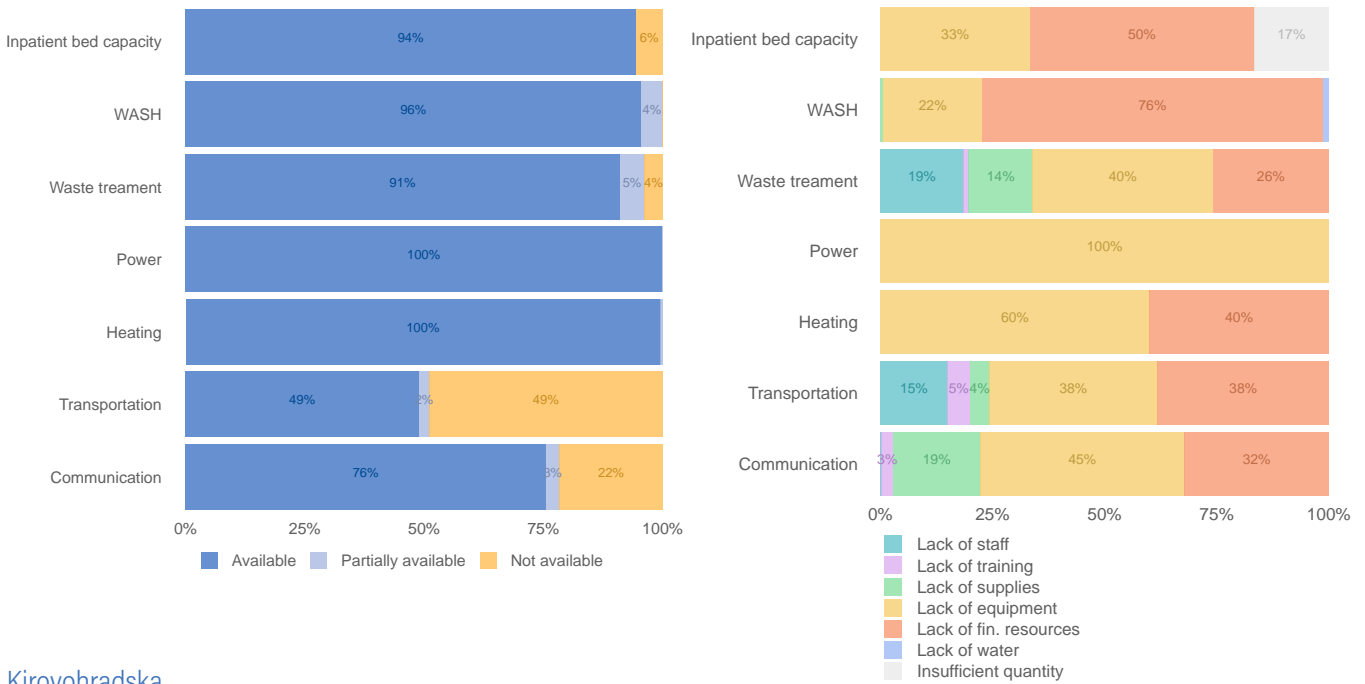


Khersonska

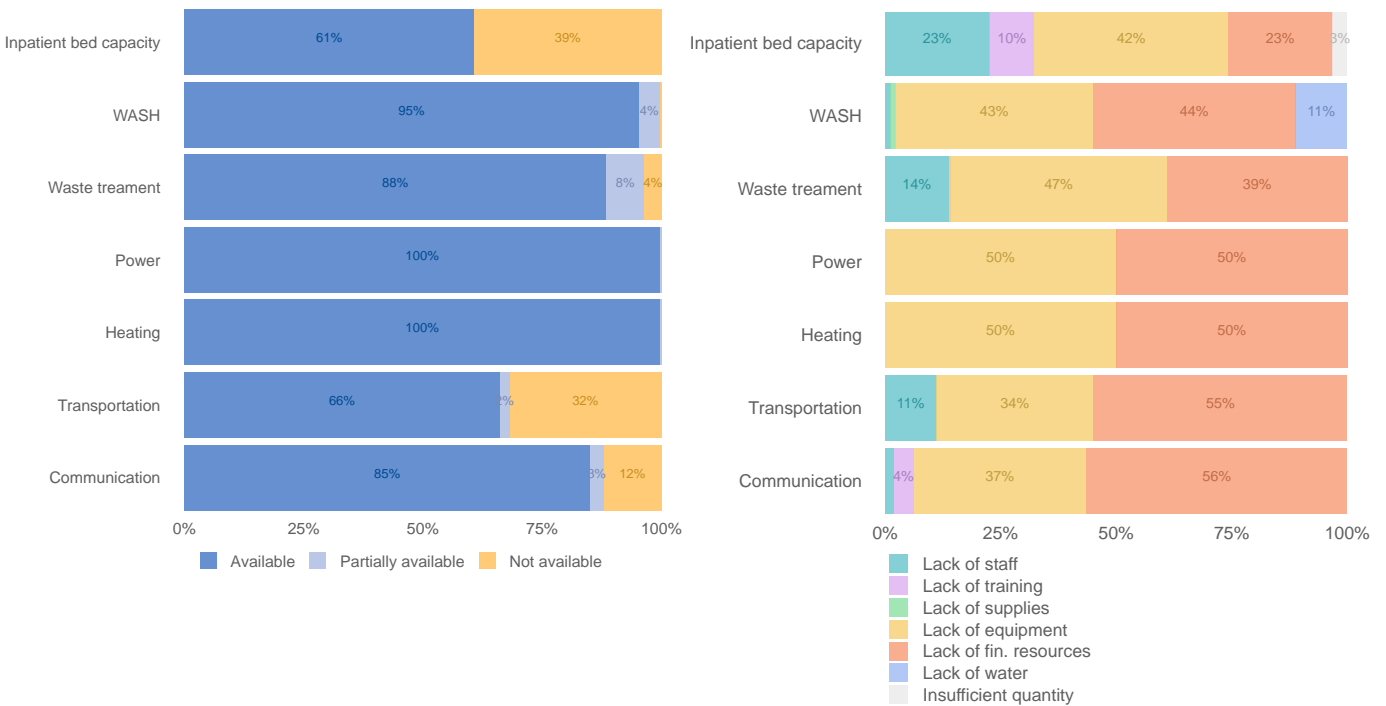


BASIC AMENITIES OVERVIEW BY OBLASTS

Khmelnyska

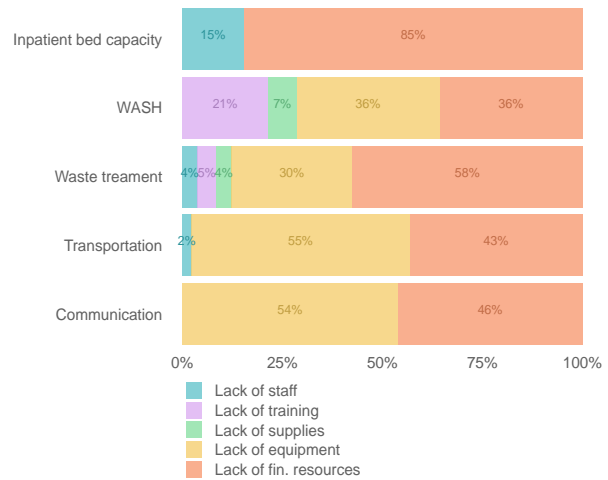
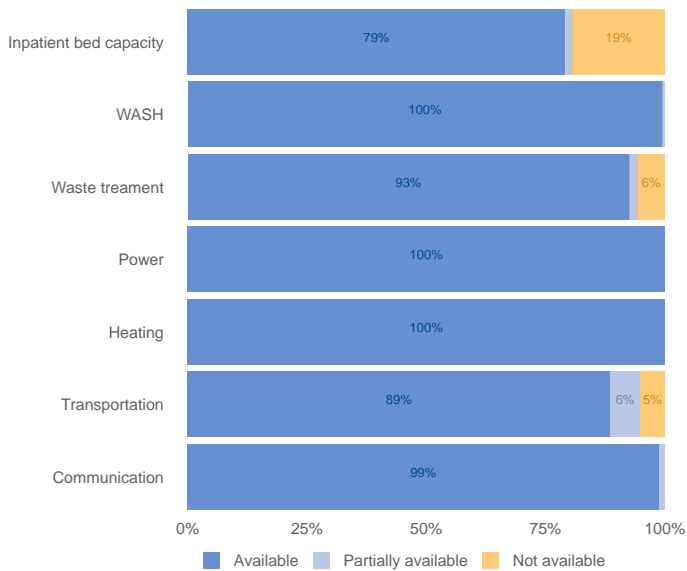


Kirovohradska

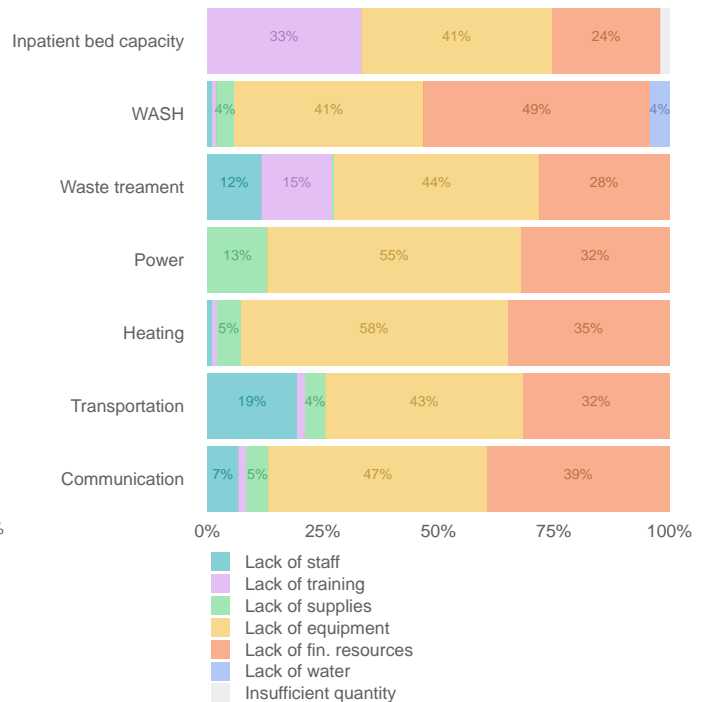
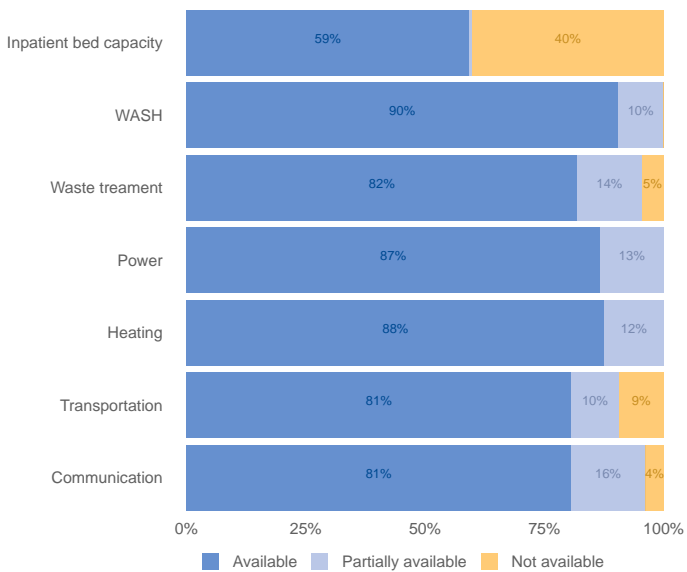


BASIC AMENITIES OVERVIEW BY OBLASTS

Kyiv City

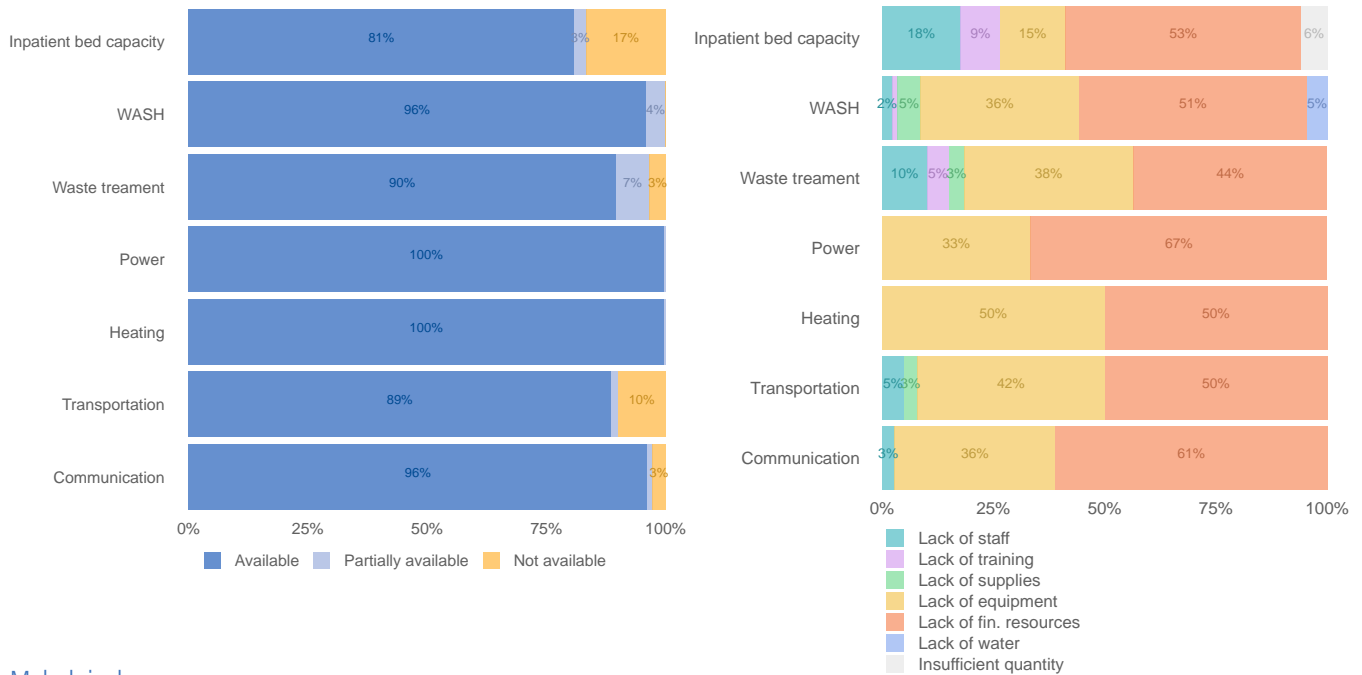


Kyivska

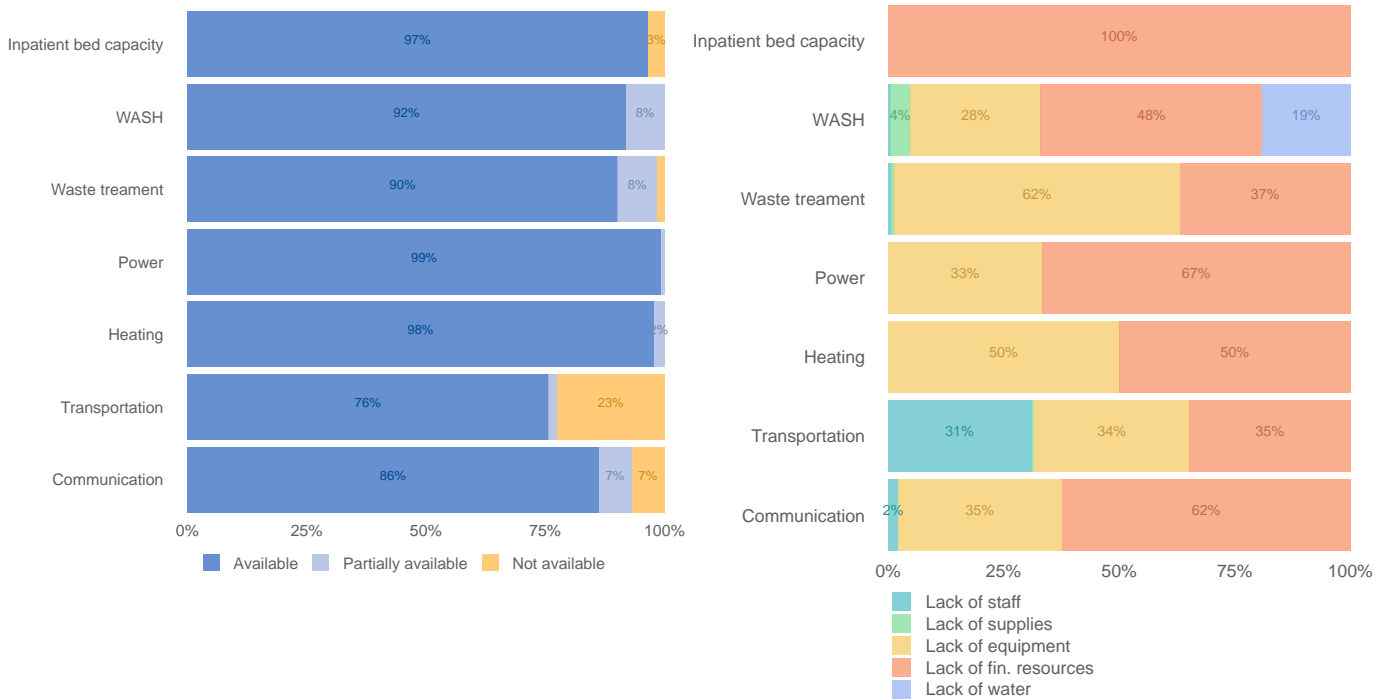


BASIC AMENITIES OVERVIEW BY OBLASTS

Lvivska

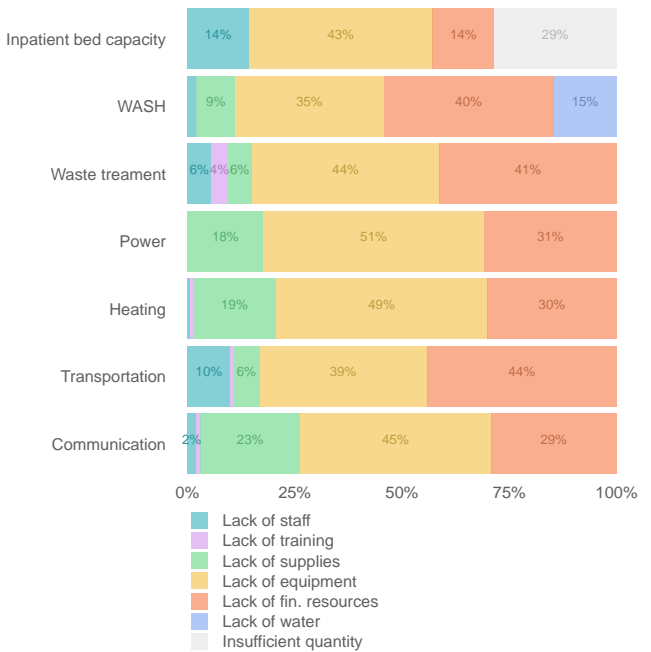
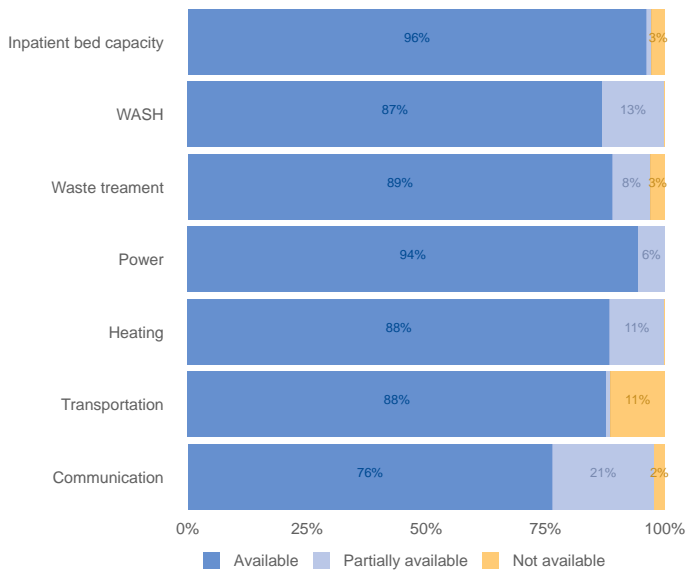


Mykolaivska

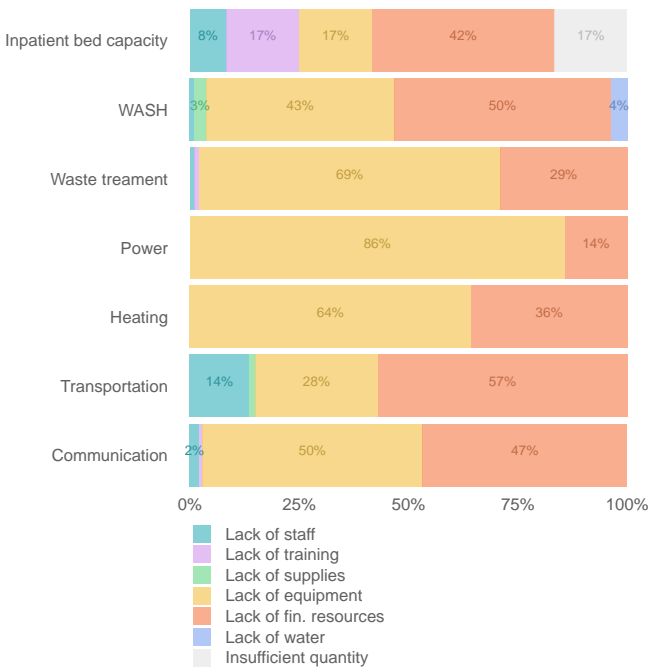
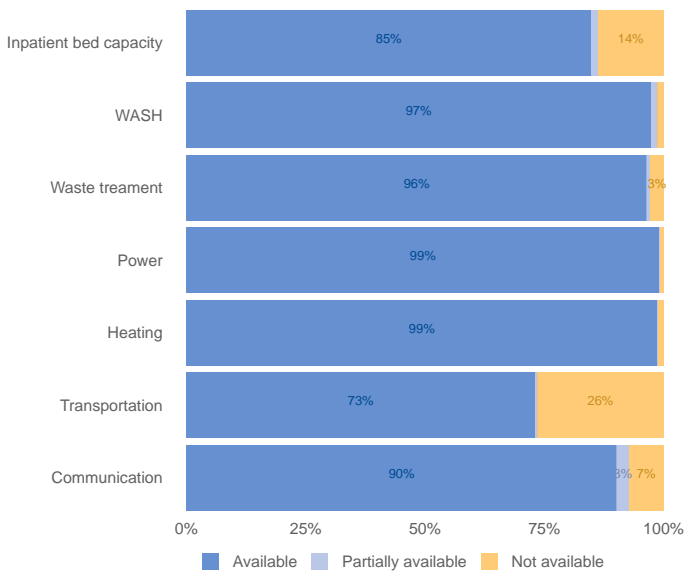


BASIC AMENITIES OVERVIEW BY OBLASTS

Odeska

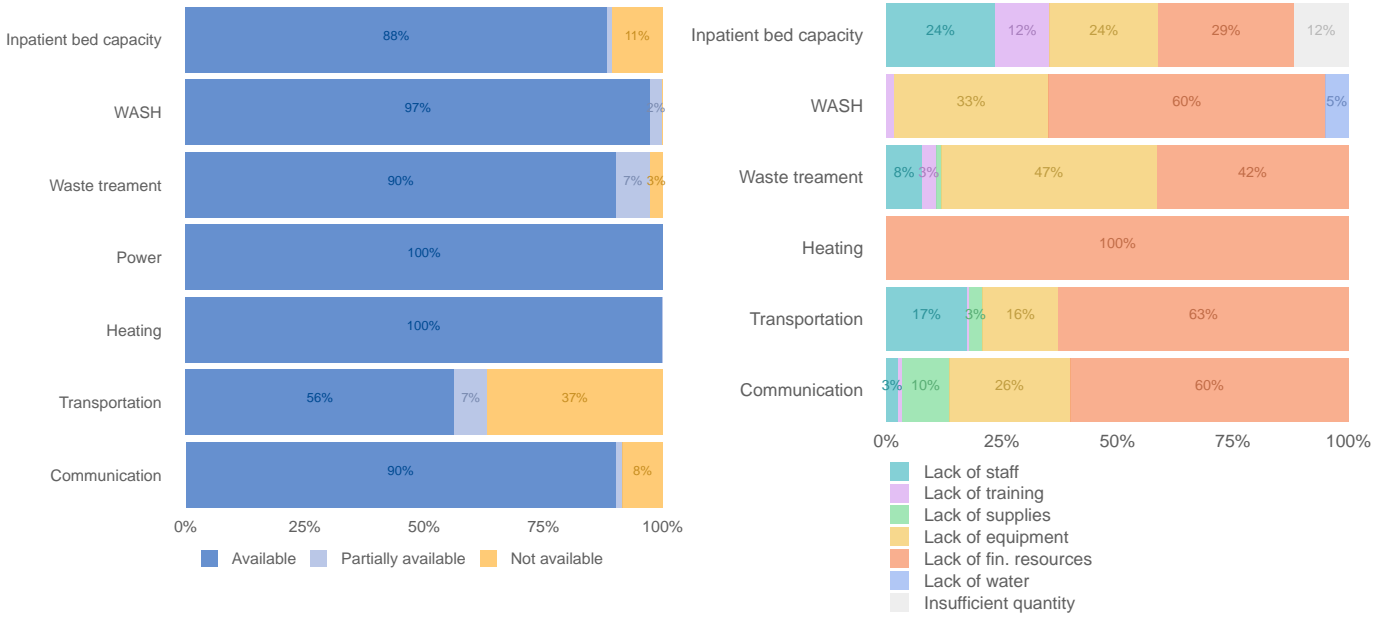


Poltavska

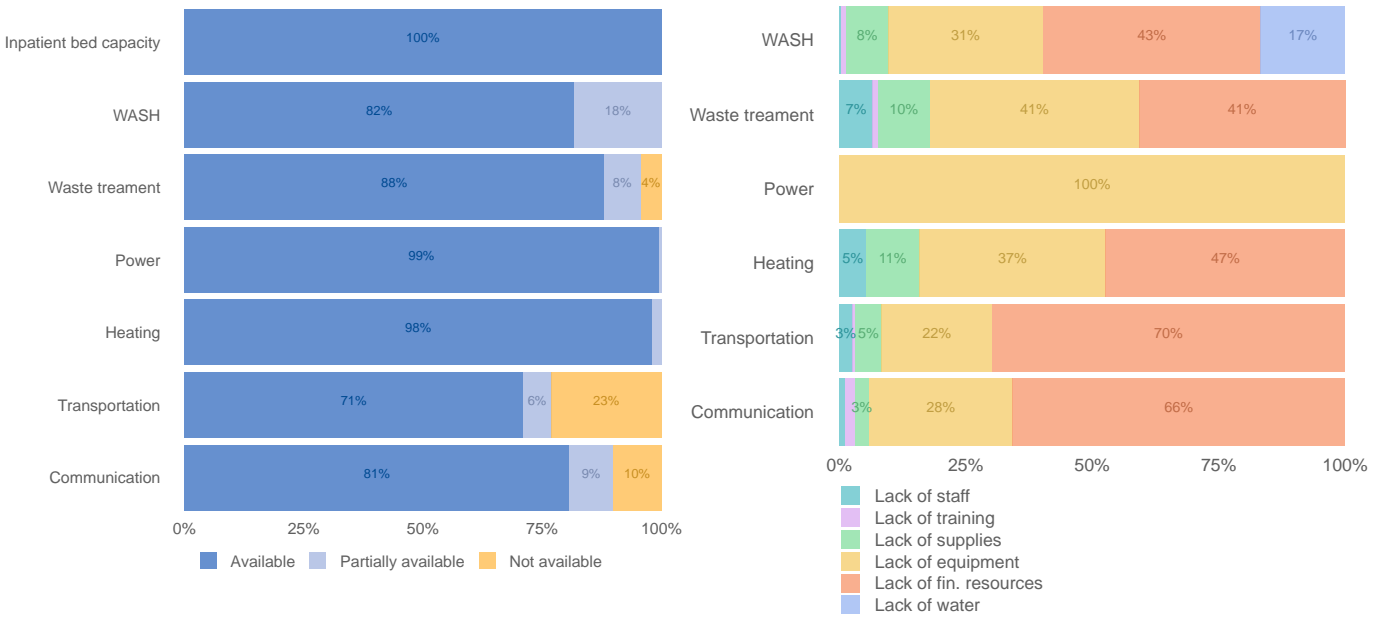


BASIC AMENITIES OVERVIEW BY OBLASTS

Rivnenska

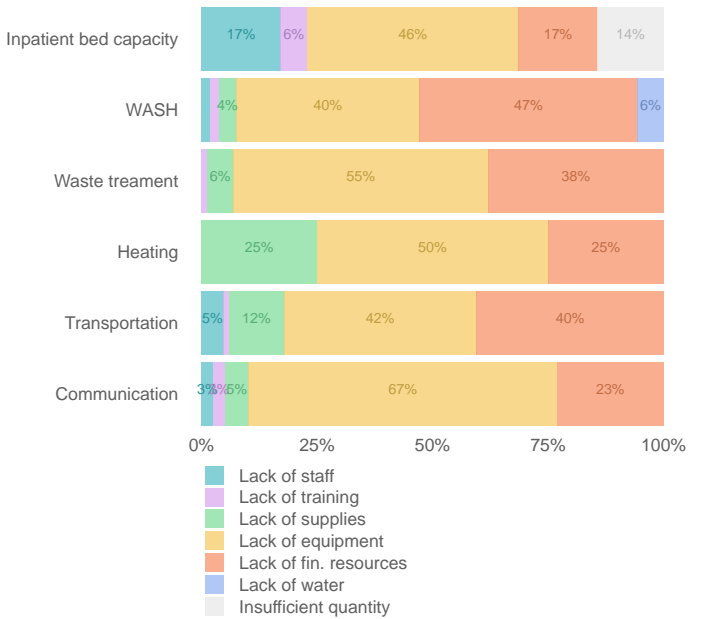
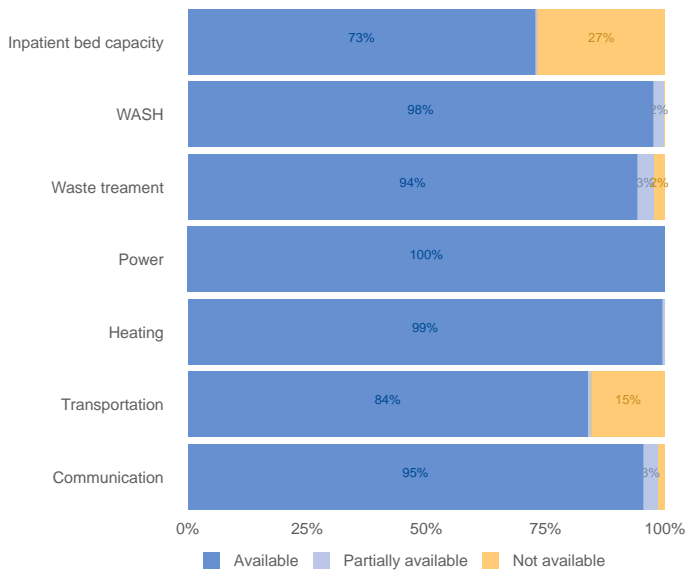


Sumska

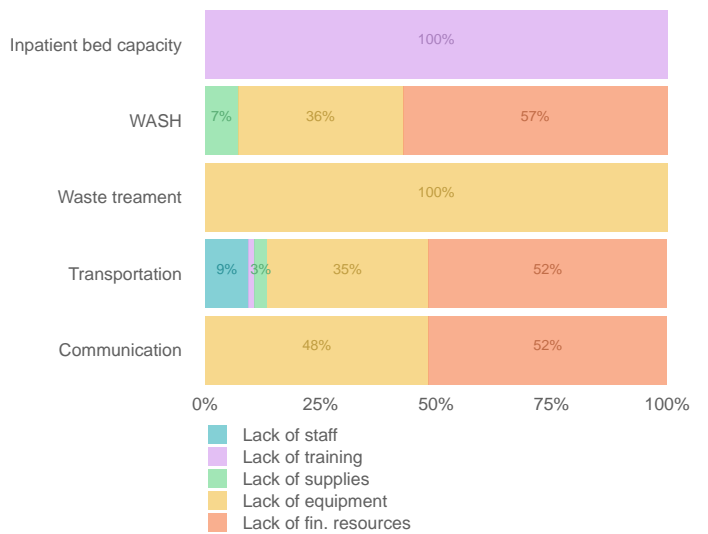
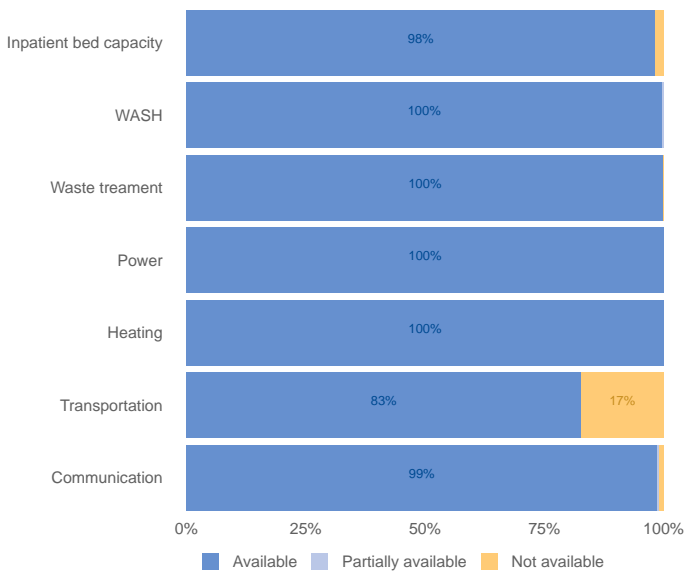


BASIC AMENITIES OVERVIEW BY OBLASTS

Ternopil'ska

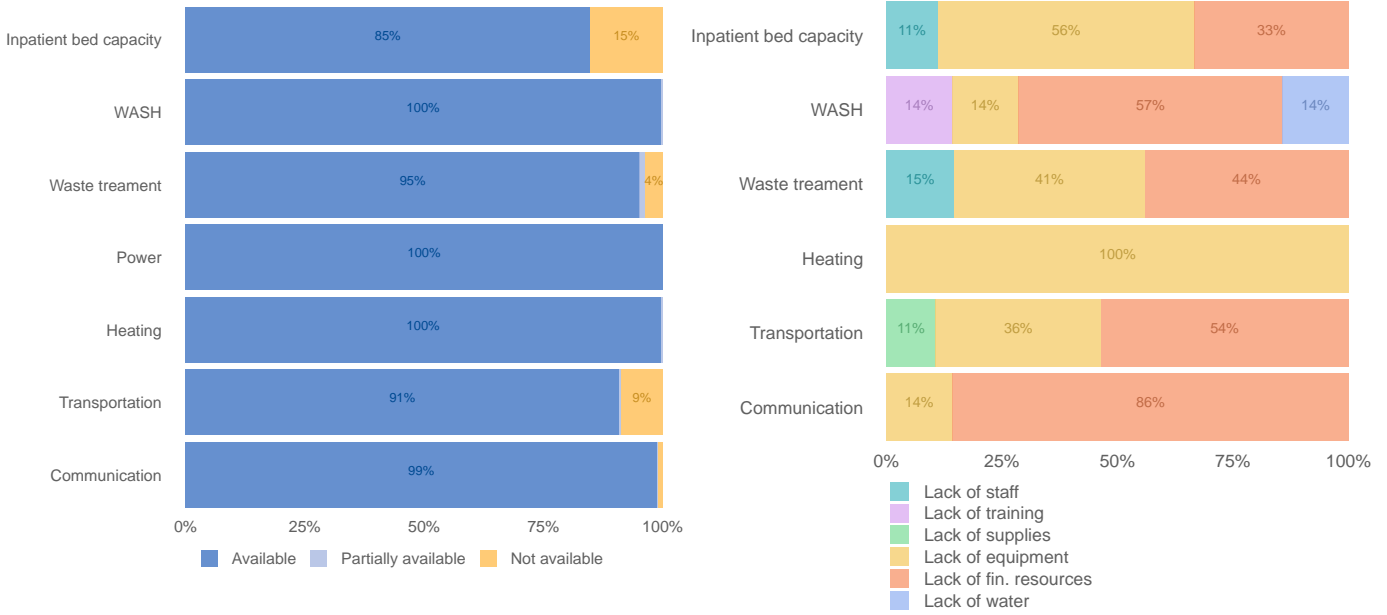


Vinnytska

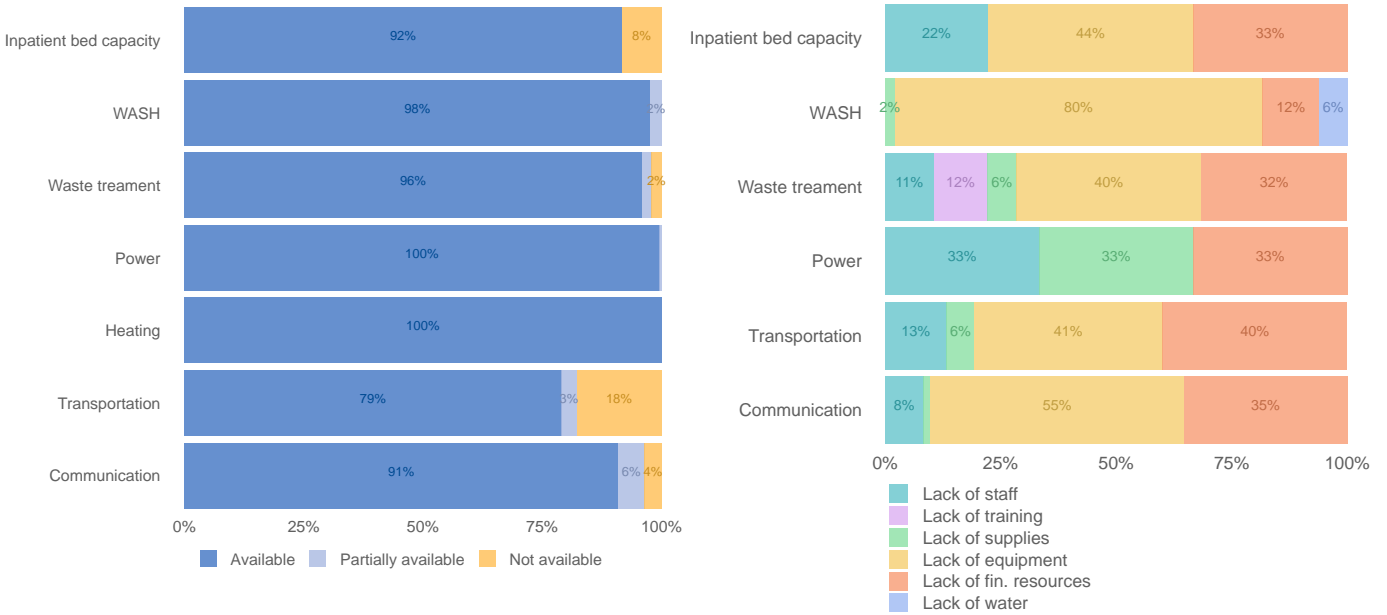


BASIC AMENITIES OVERVIEW BY OBLASTS

Volynska

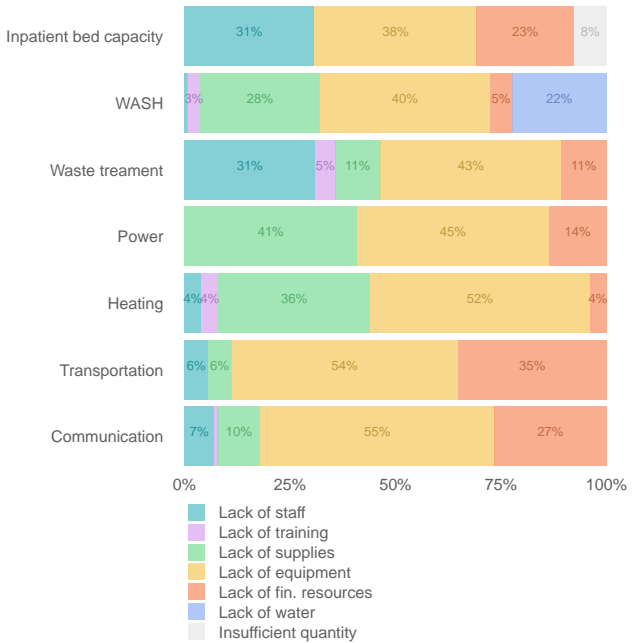
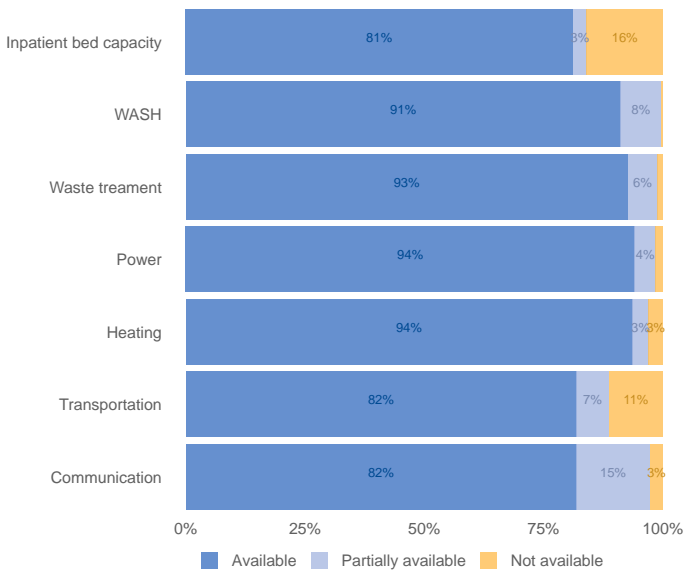


Zakarpatska

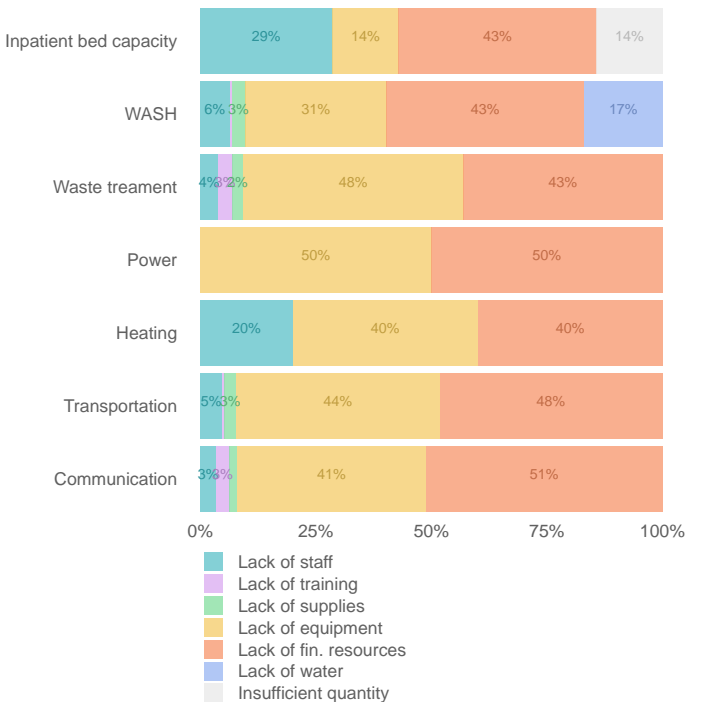
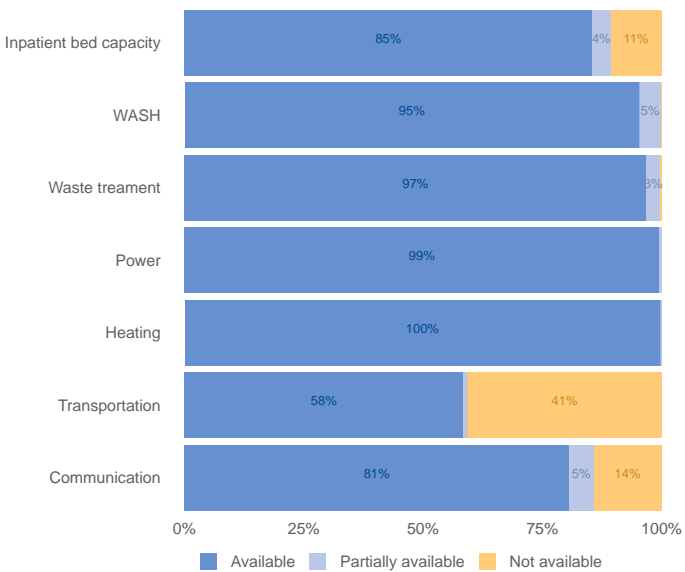


BASIC AMENITIES OVERVIEW BY OBLASTS

Zaporizka

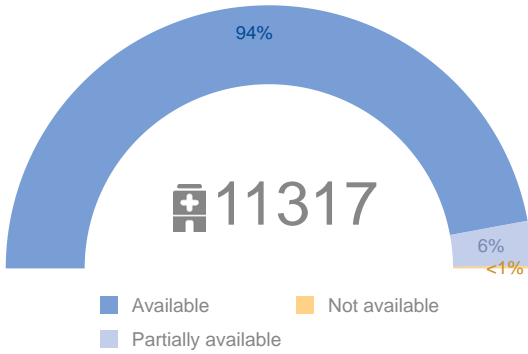


Zhytomyrska

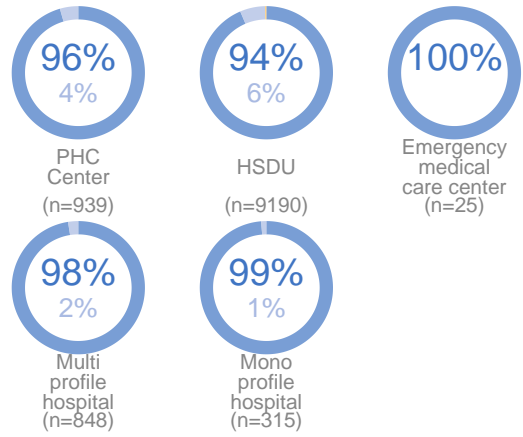


WATER

Water overview

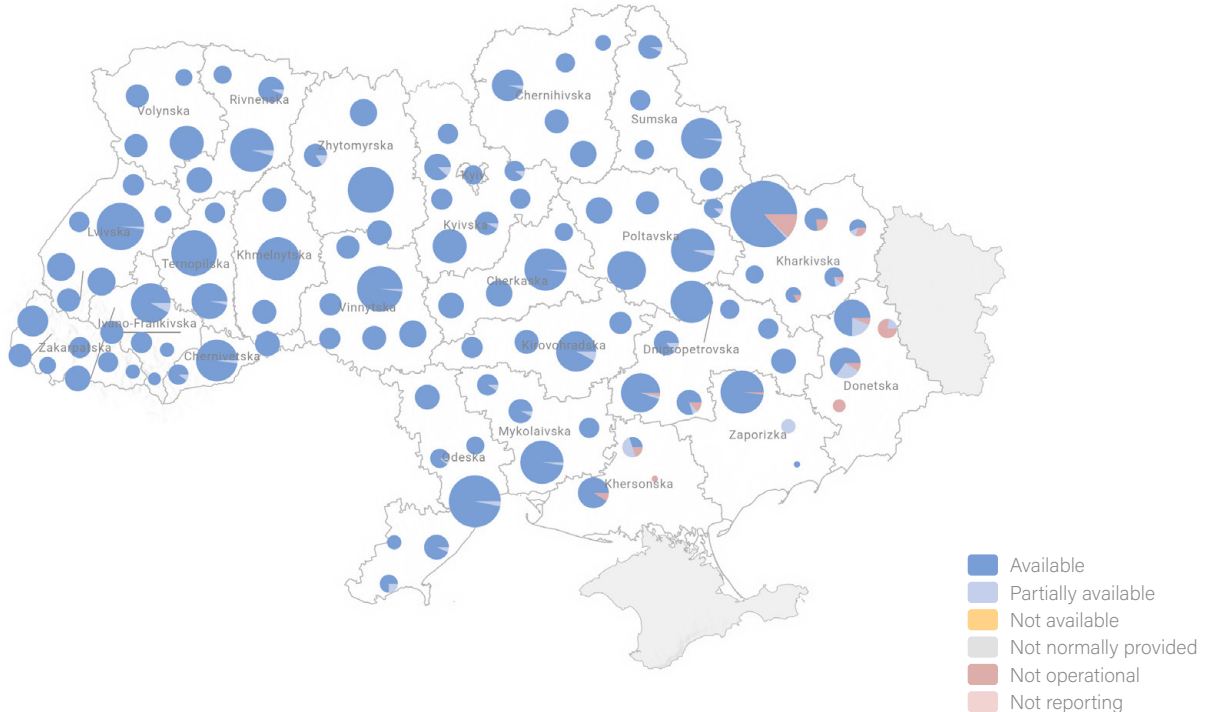
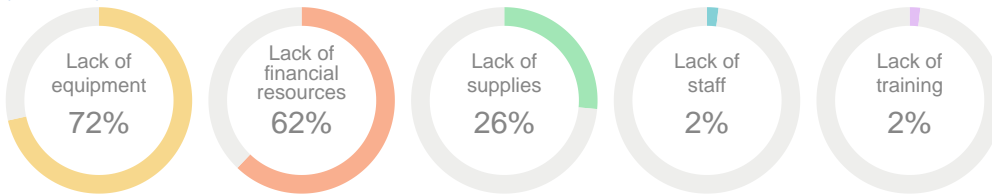


Availability by health facility type



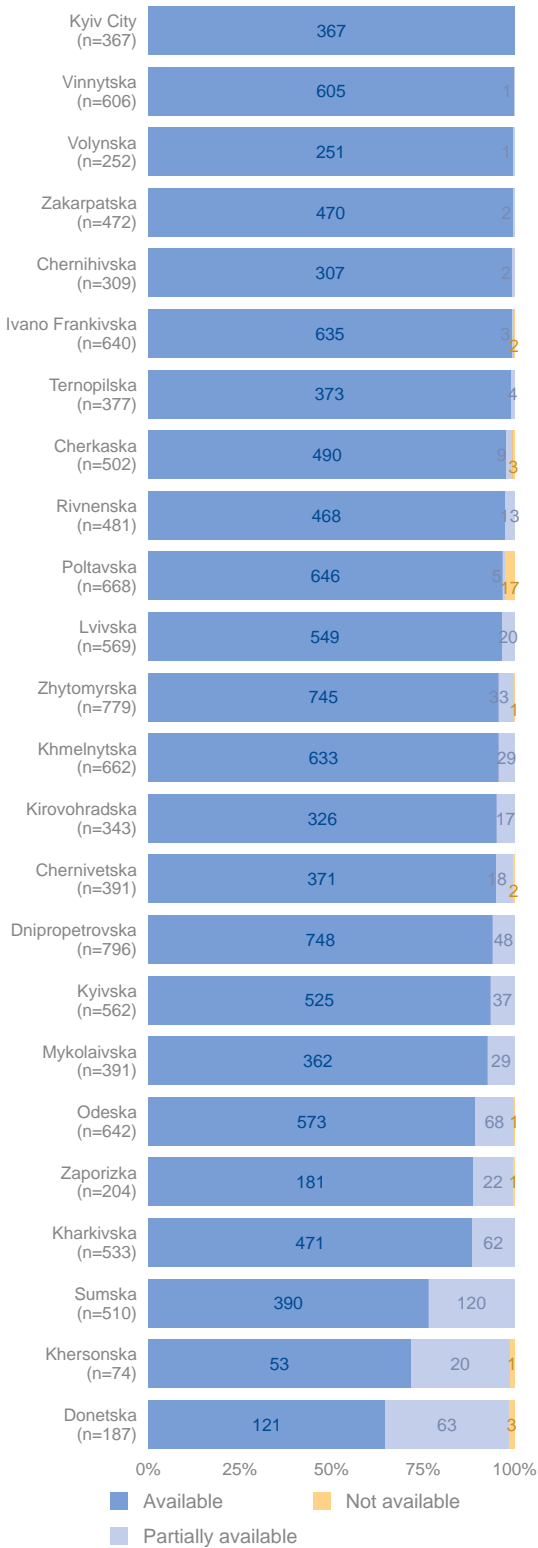
Main causes of unavailability

(n = 657)

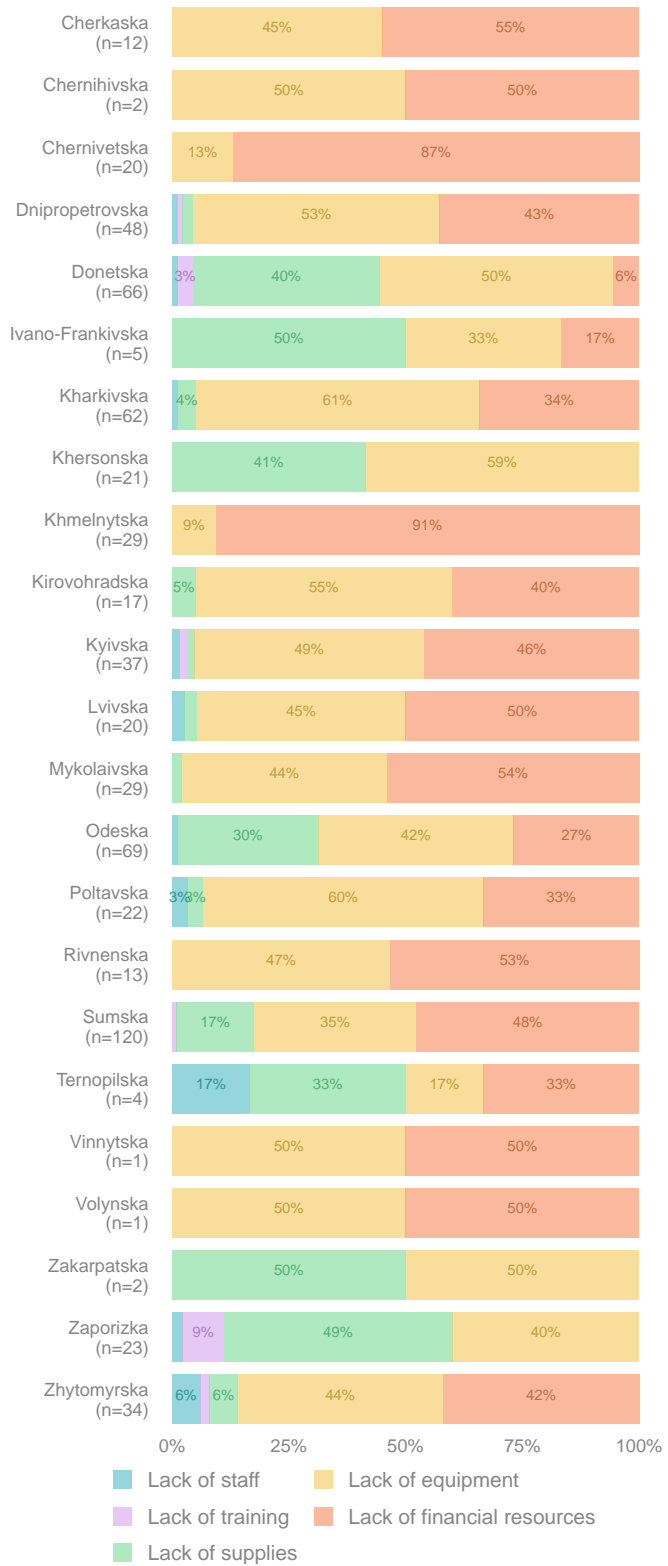


Map excludes HSDUs

Availability by oblast



Main causes of unavailability by oblast*

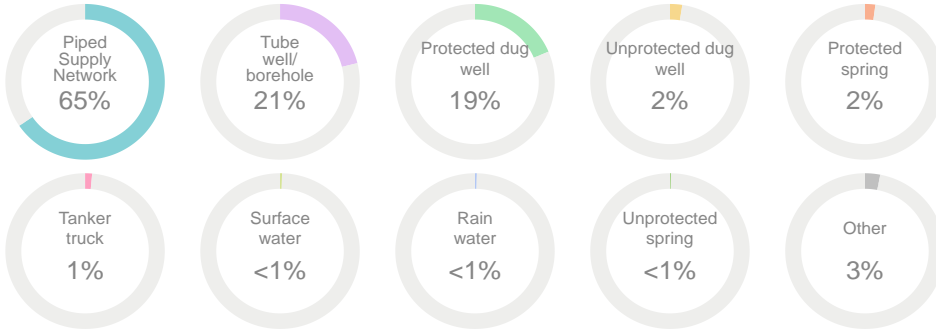


* Chart includes health facilities in which causes of unavailability were indicated

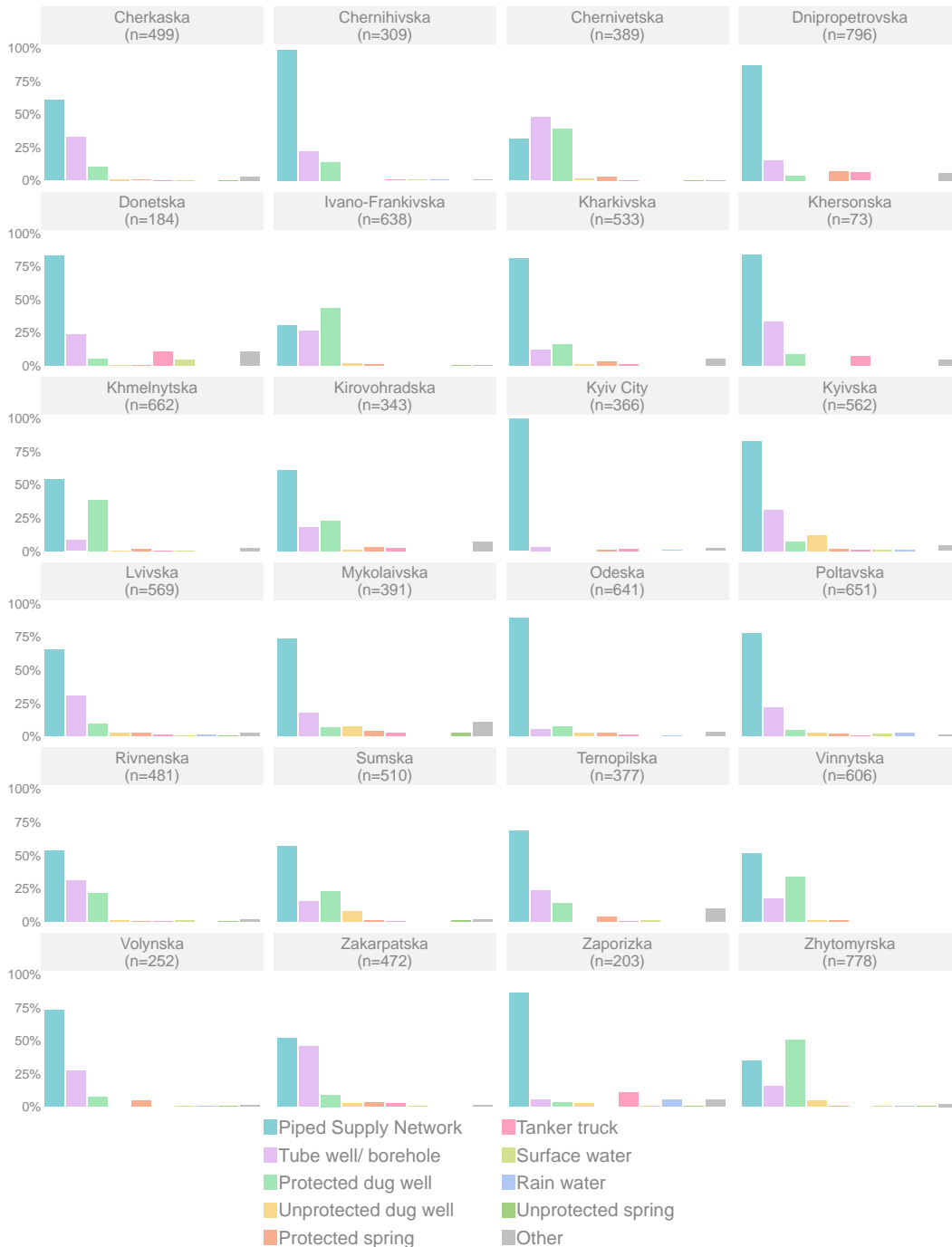
WATER. MAIN SOURCES

Main sources of water

n = 11285)

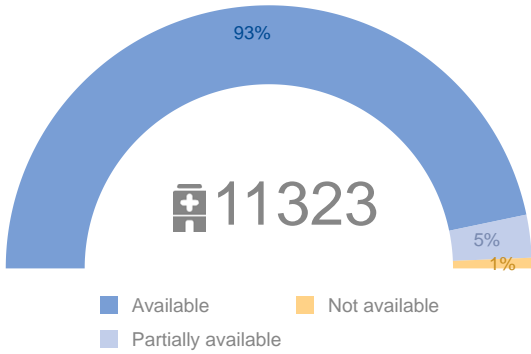


Main sources of water by oblast

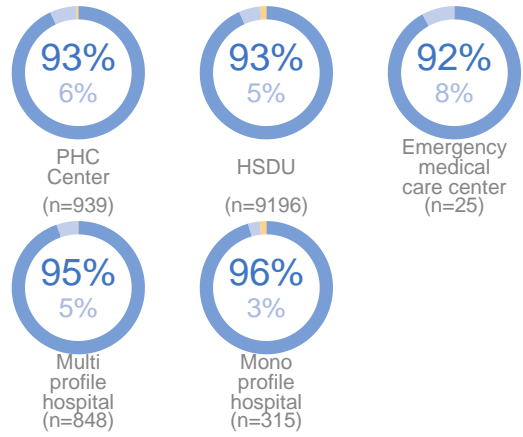


WASTE SEGREGATION

Waste segregation overview

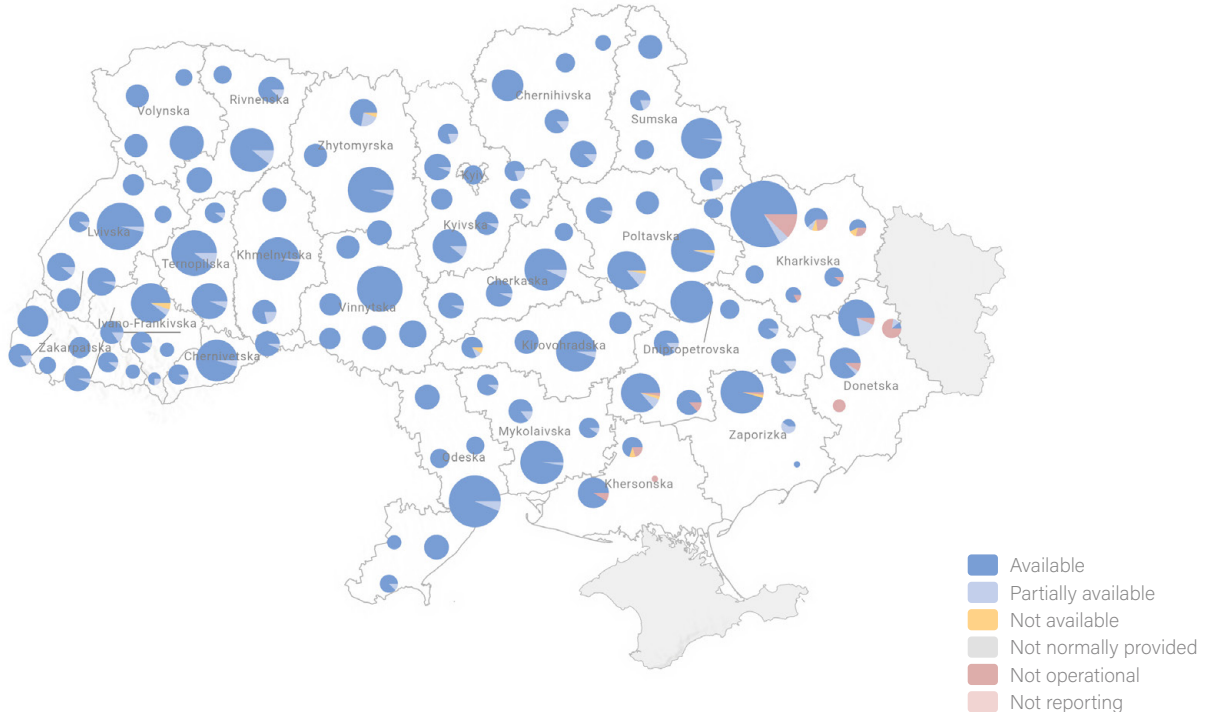
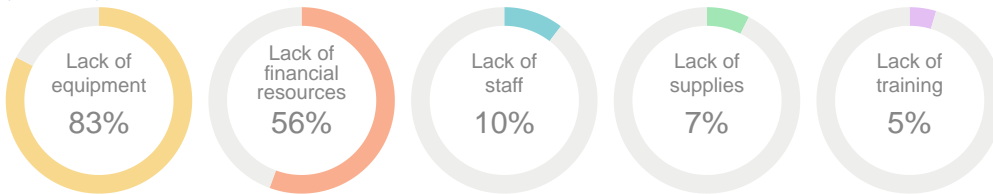


Availability by health facility type



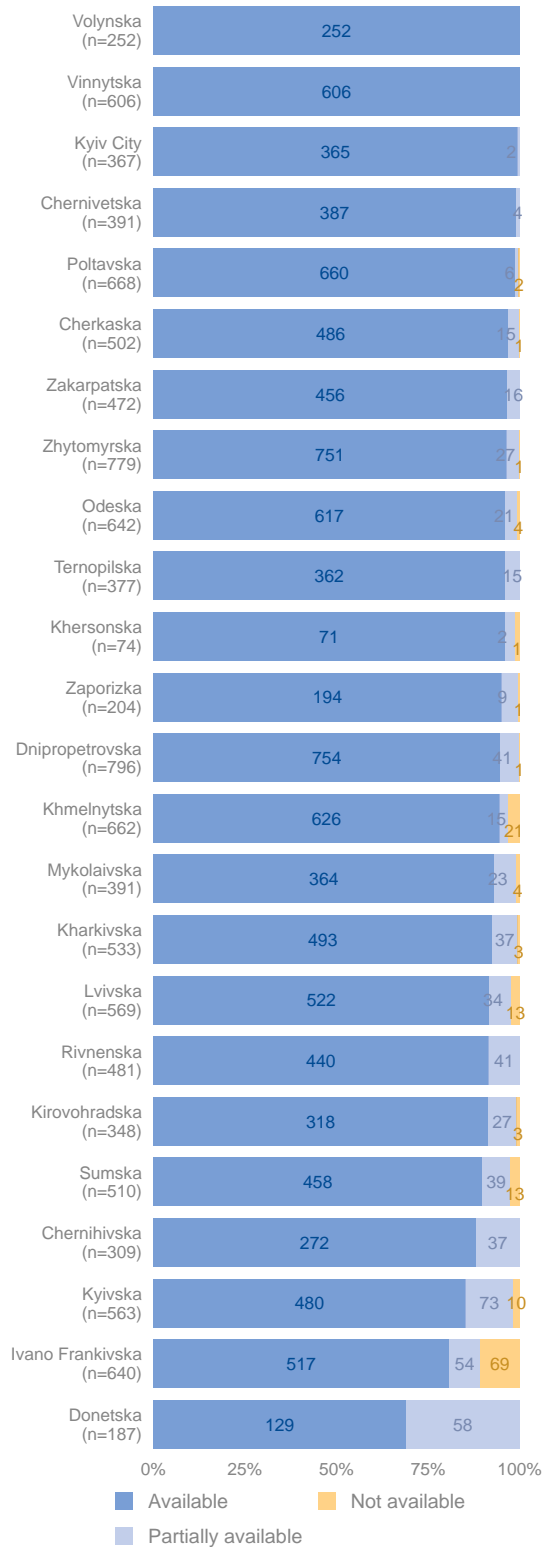
Main causes of unavailability

(n = 743)

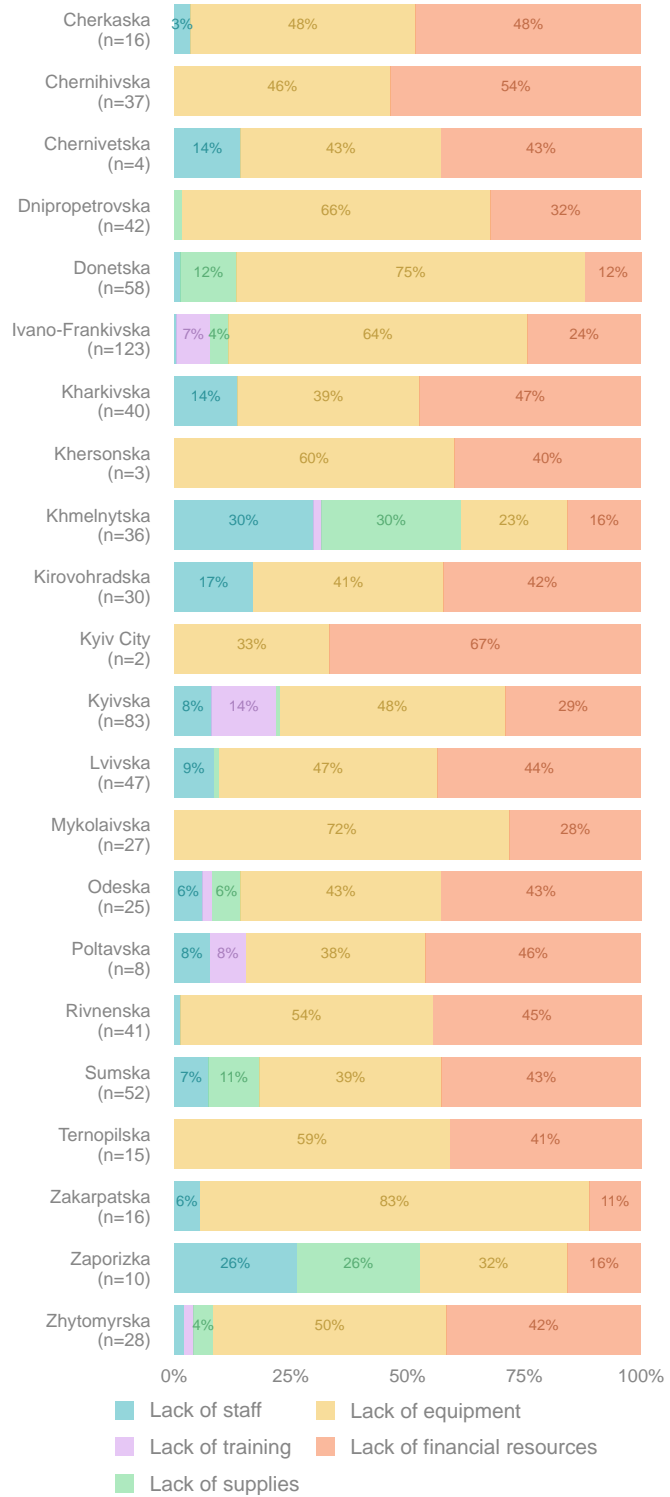


WASTE SEGREGATION

Availability by oblast



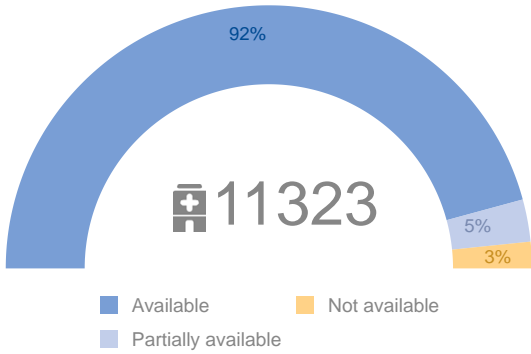
Main causes of unavailability by oblast*



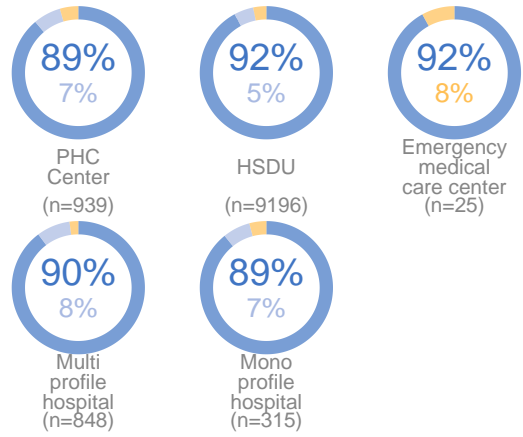
* Chart includes health facilities in which causes of unavailability were indicated

FINAL DISPOSAL OF SHARPS

Final disposal of sharps overview

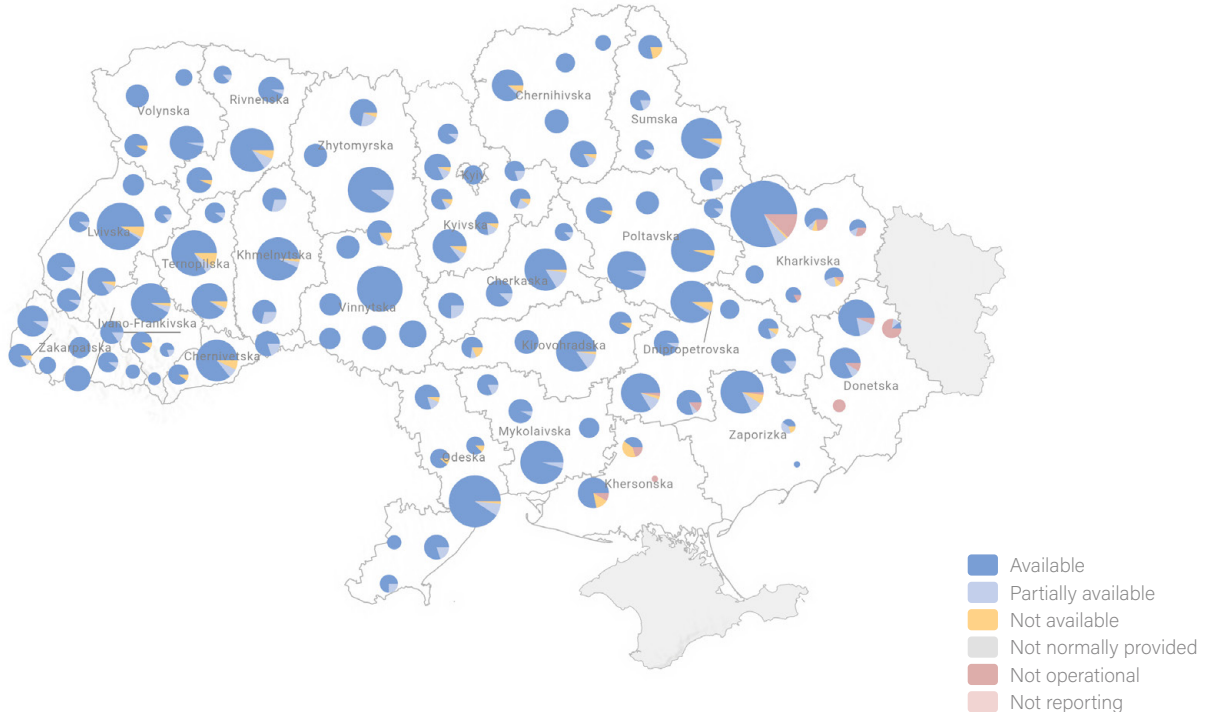
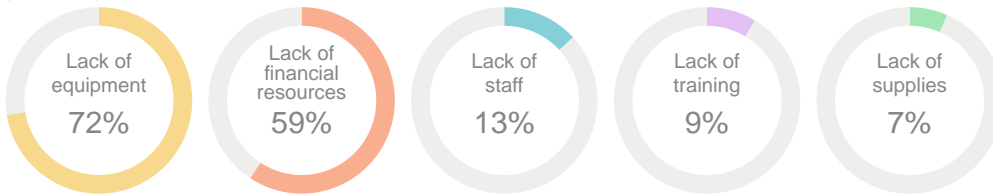


Availability by health facility type



Main causes of unavailability

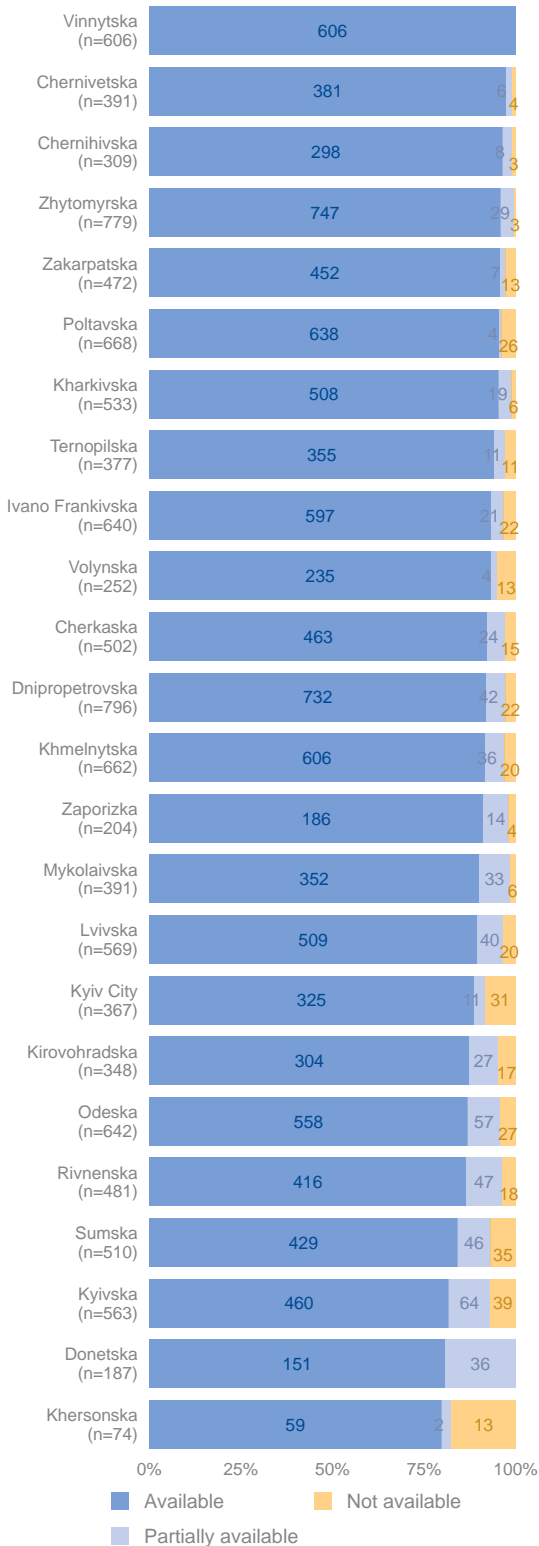
(n = 956)



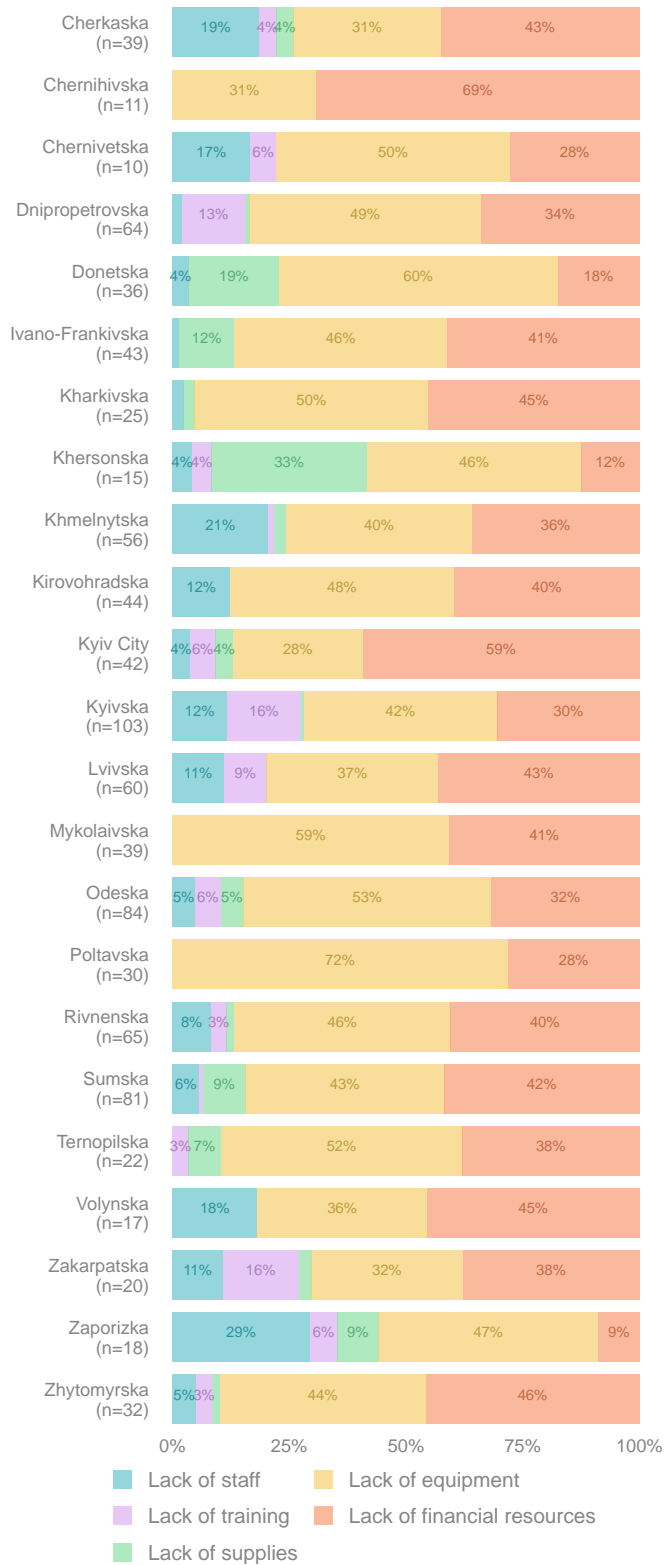
Map excludes HSDUs

FINAL DISPOSAL OF SHARPS

Availability by oblast



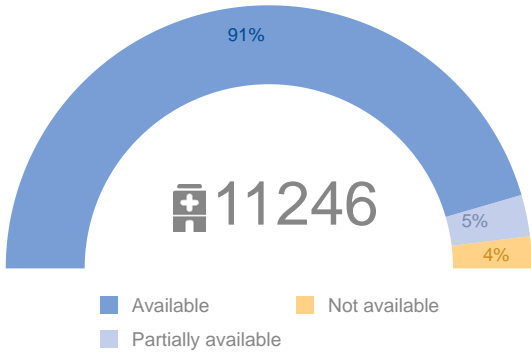
Main causes of unavailability by oblast*



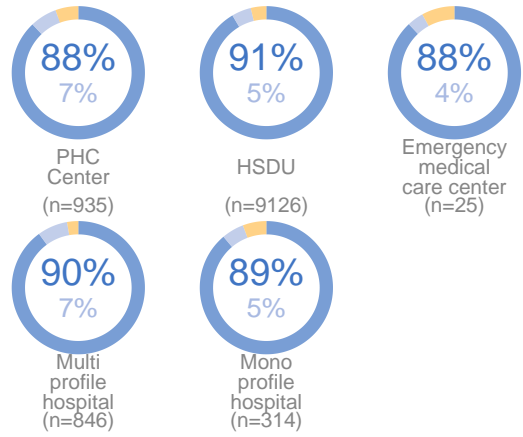
* Chart includes health facilities in which causes of unavailability were indicated

FINAL DISPOSAL OF INFECTIOUS WASTE

Final disposal of infectious waste overview

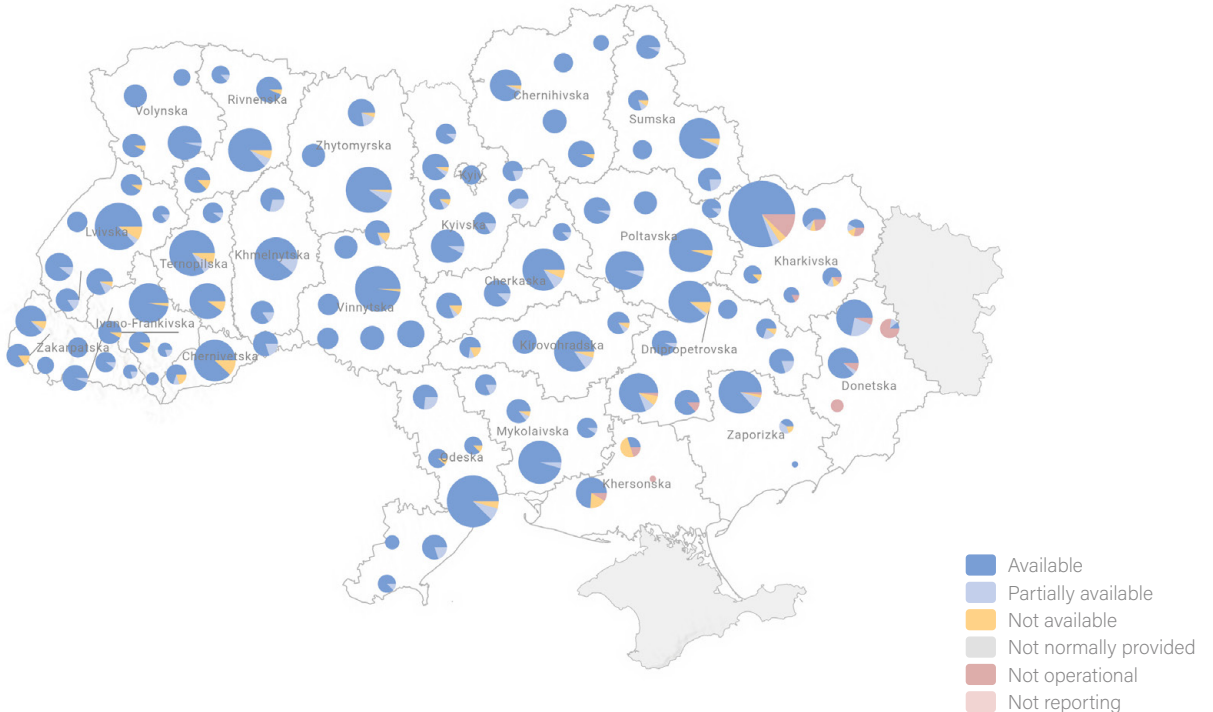
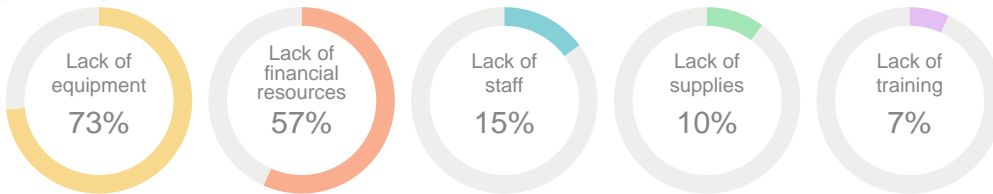


Availability by health facility type



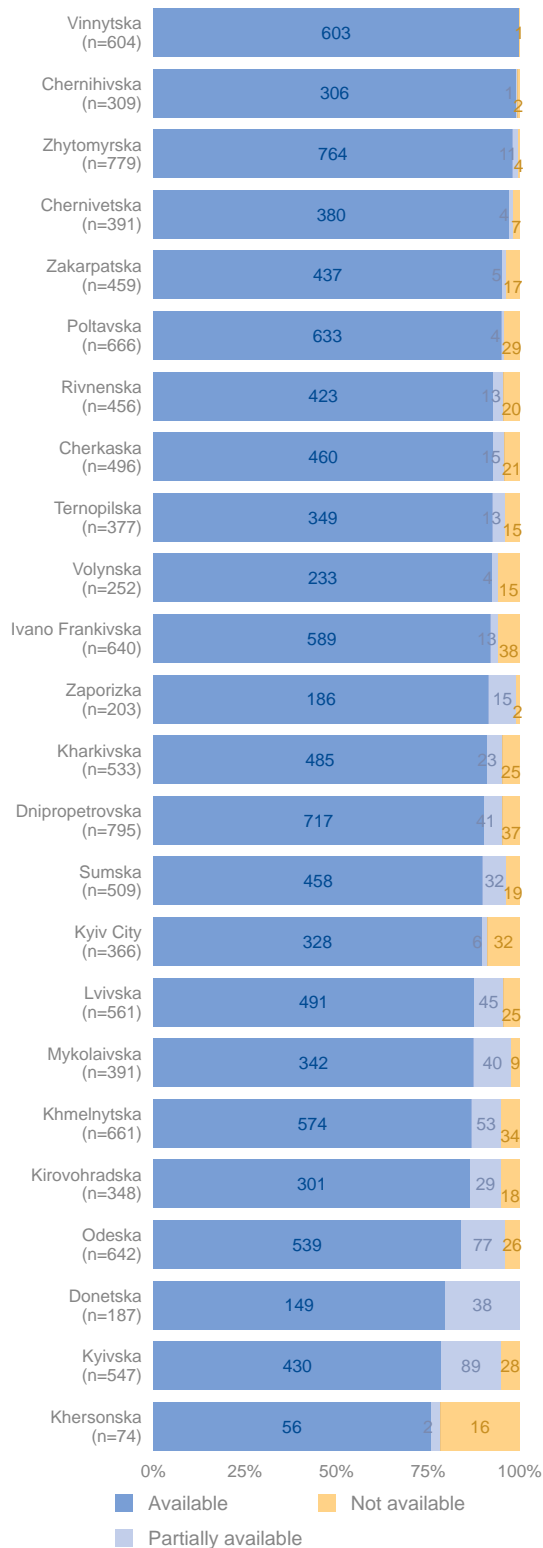
Main causes of unavailability

(n = 1012)

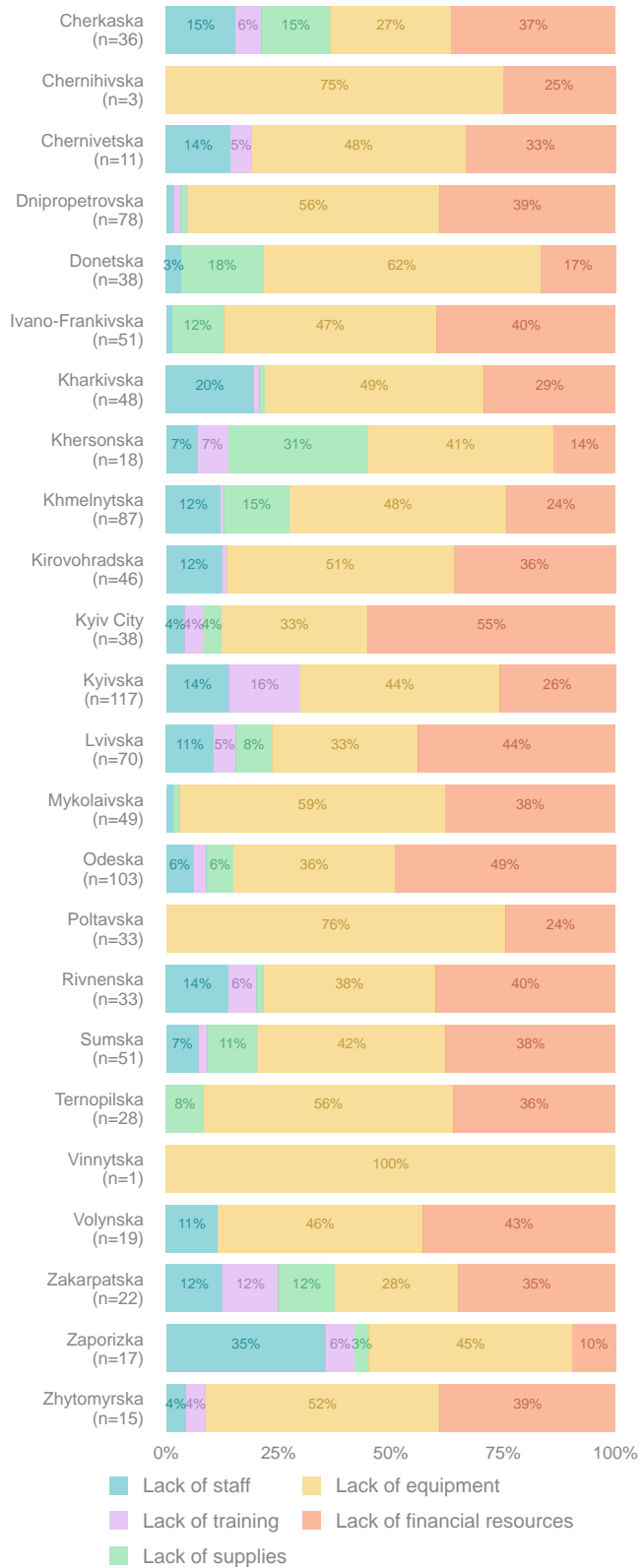


FINAL DISPOSAL OF INFECTIOUS WASTE

Availability by oblast



Main causes of unavailability by oblast*

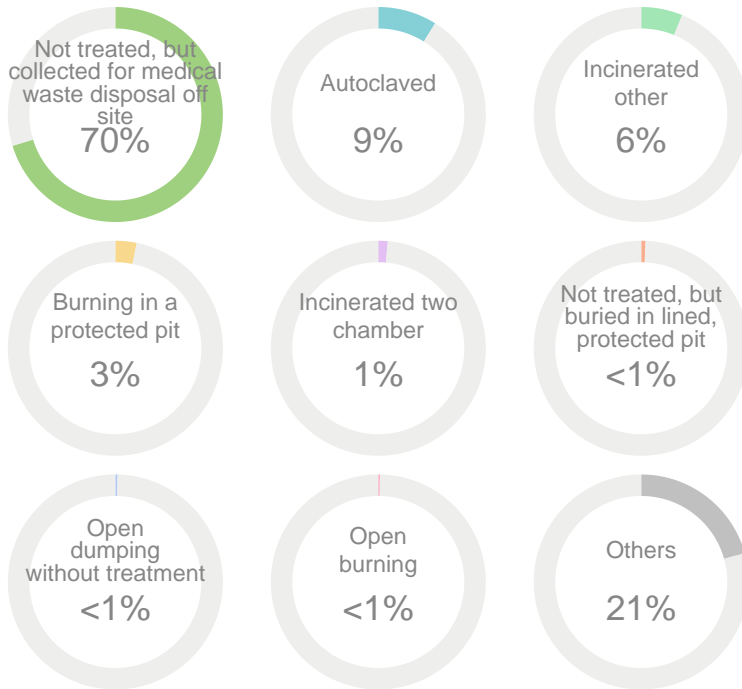


* Chart includes health facilities in which causes of unavailability were indicated

WASTE TREATMENT METHODS

Waste treatment methods

n = 11025)



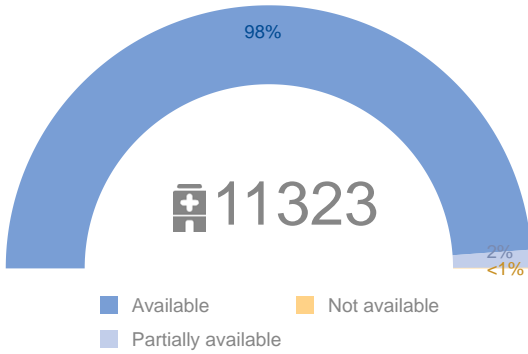
WASTE TREATMENT METHODS

Waste treatment methods by oblast

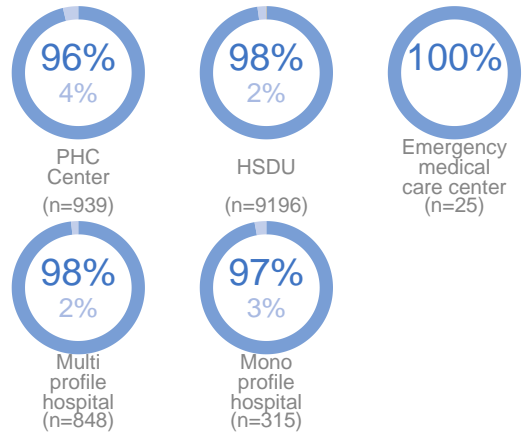


POWER

Power overview

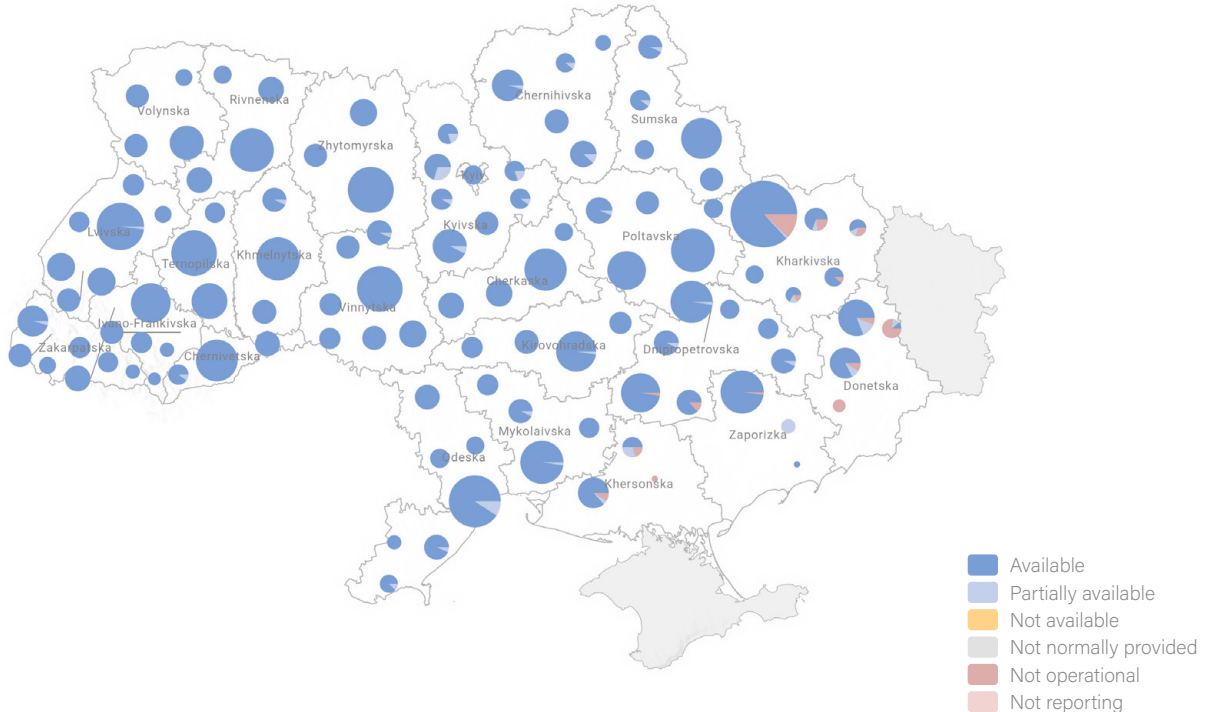
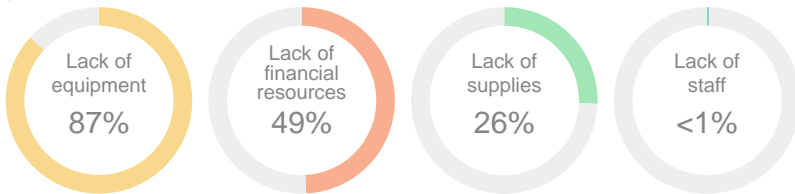


Availability by health facility type

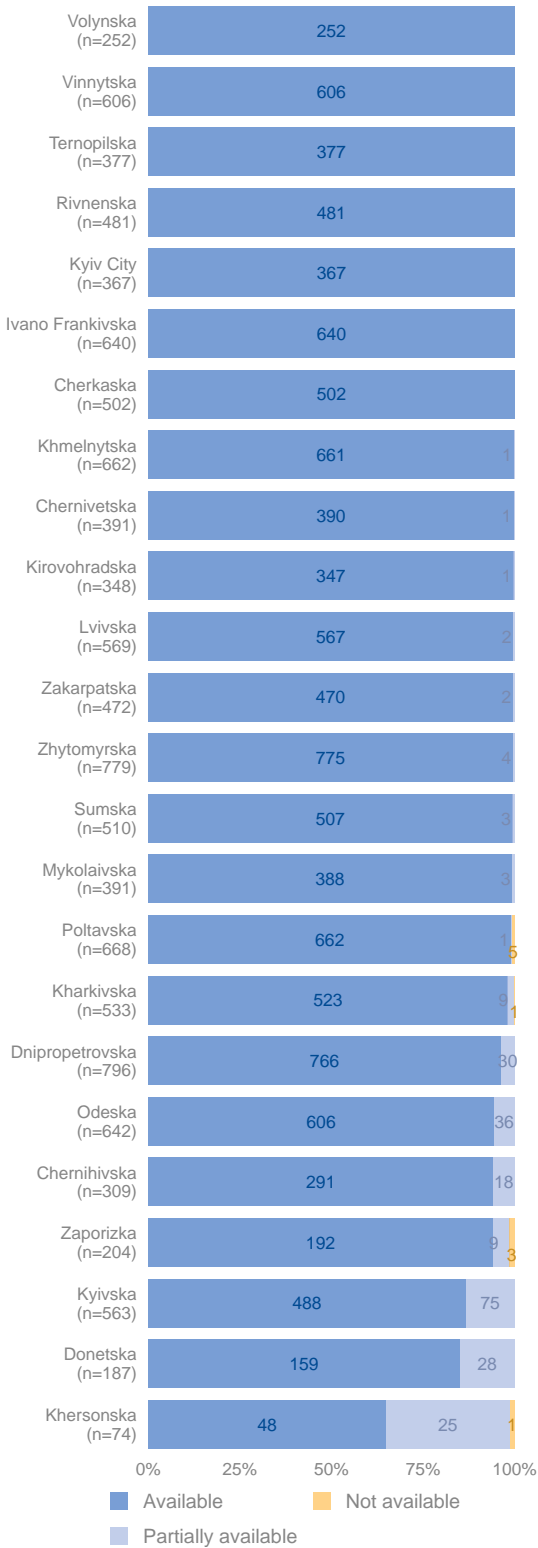


Main causes of unavailability

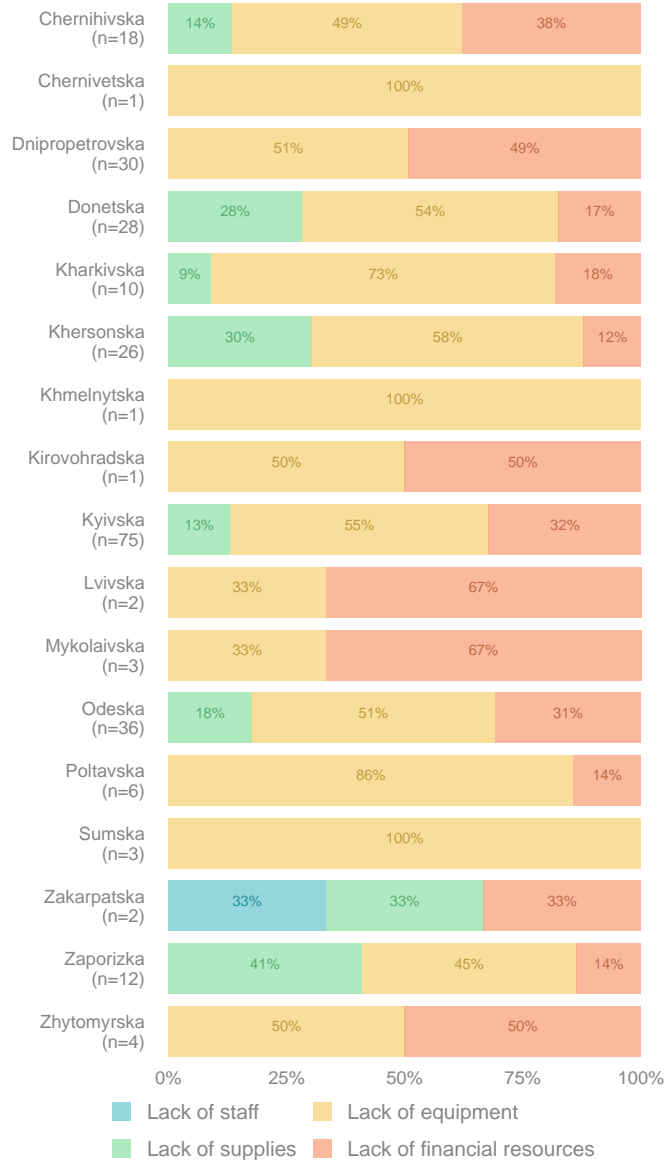
(n = 258)



Availability by oblast



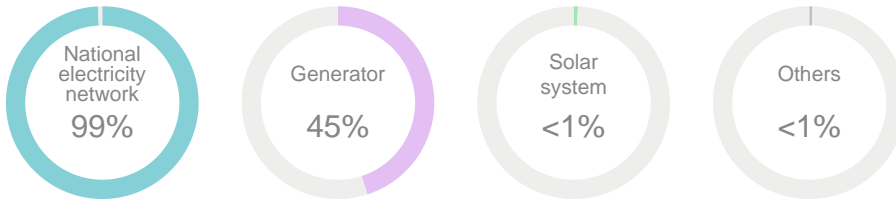
Main causes of unavailability by oblast*



* Chart includes health facilities in which causes of unavailability were indicated

POWER SOURCES

Main power sources
n = 11312)

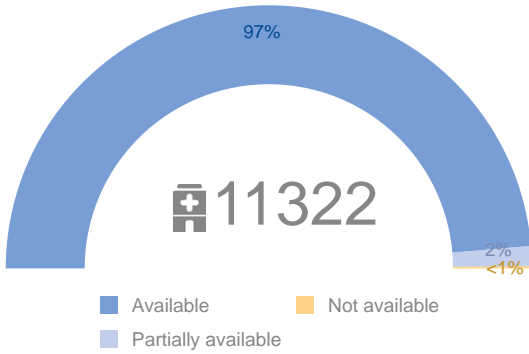


Main power sources by oblast

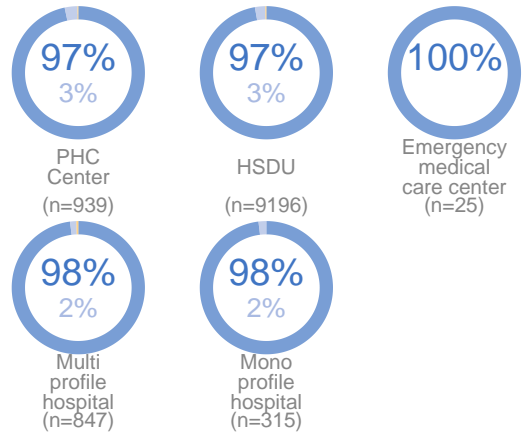


HEATING

Heating overview

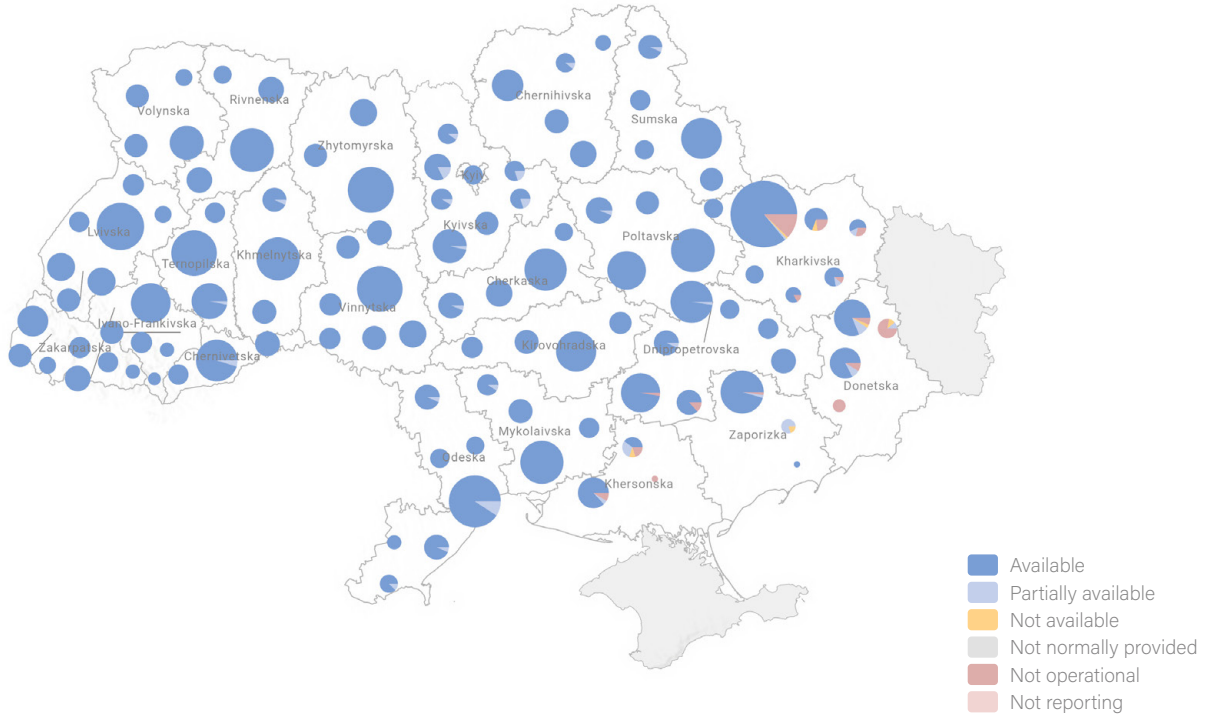
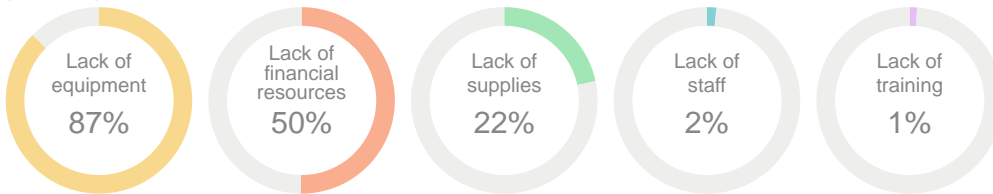


Availability by health facility type



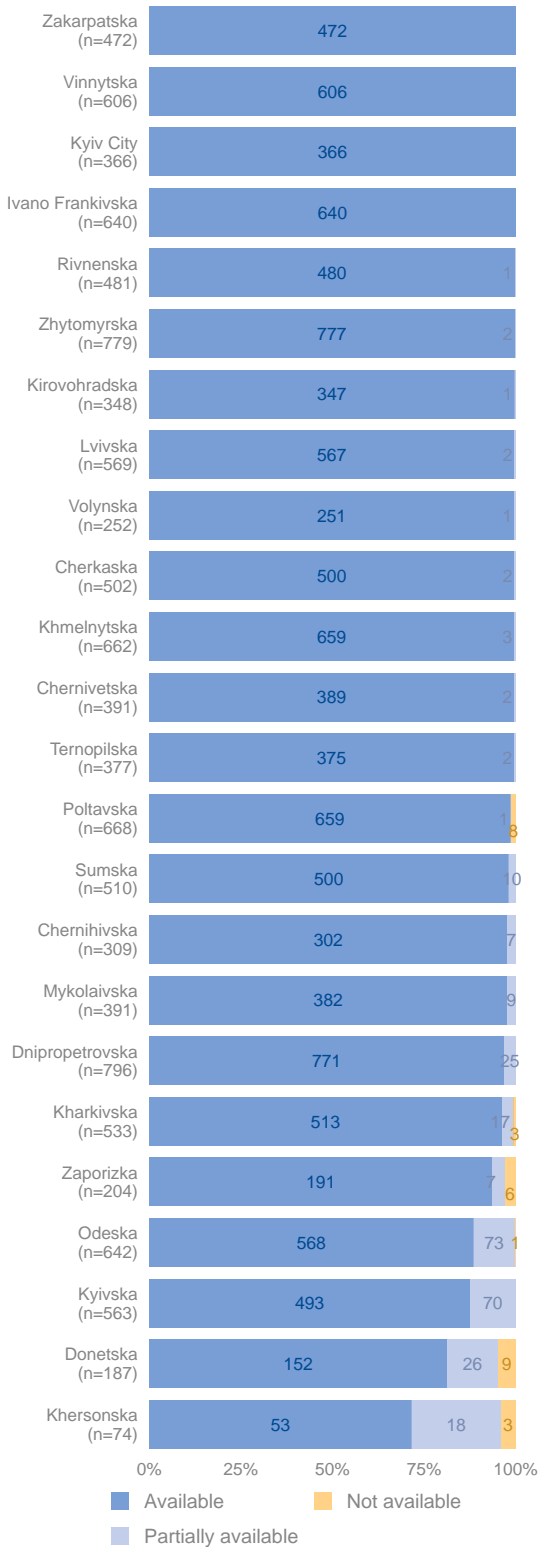
Main causes of unavailability

(n = 309)

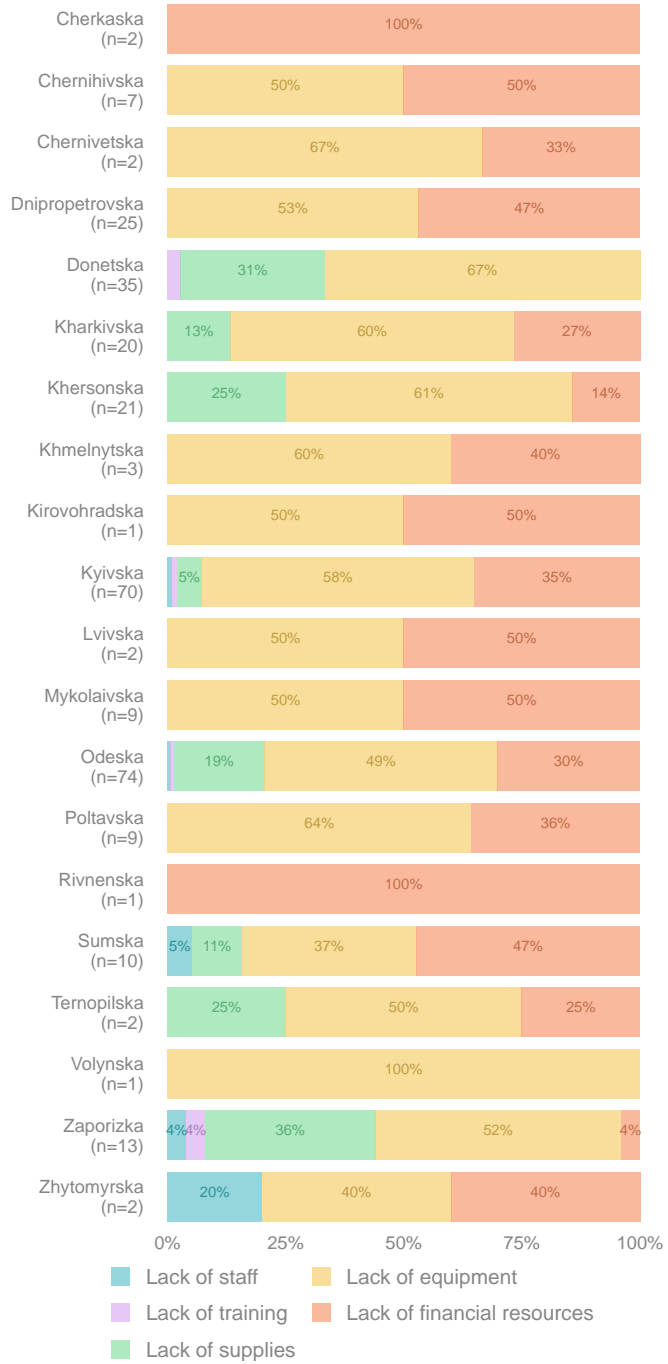


HEATING

Availability by oblast



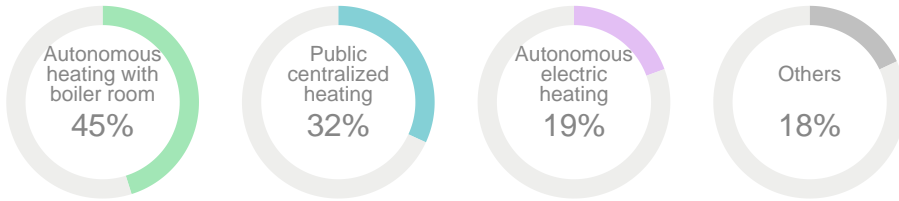
Main causes of unavailability by oblast*



* Chart includes health facilities in which causes of unavailability were indicated

HEATING SOURCES

n = 11292)

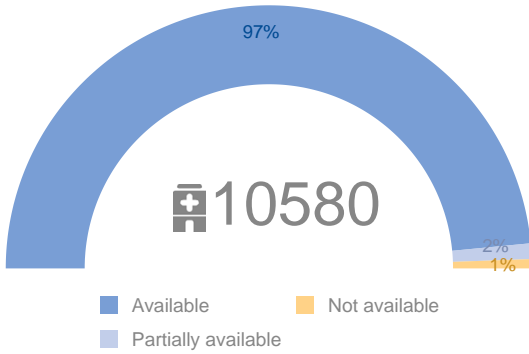


Main heating sources by oblast

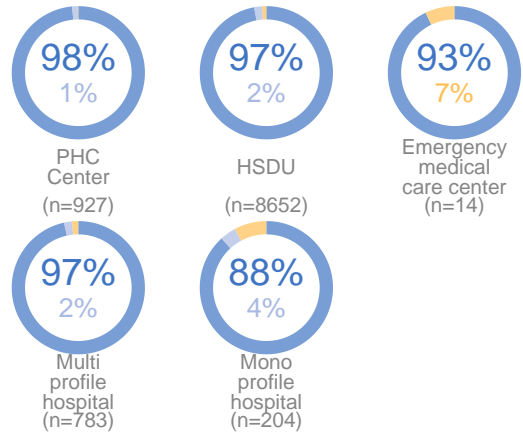


COLD CHAIN

Cold chain overview

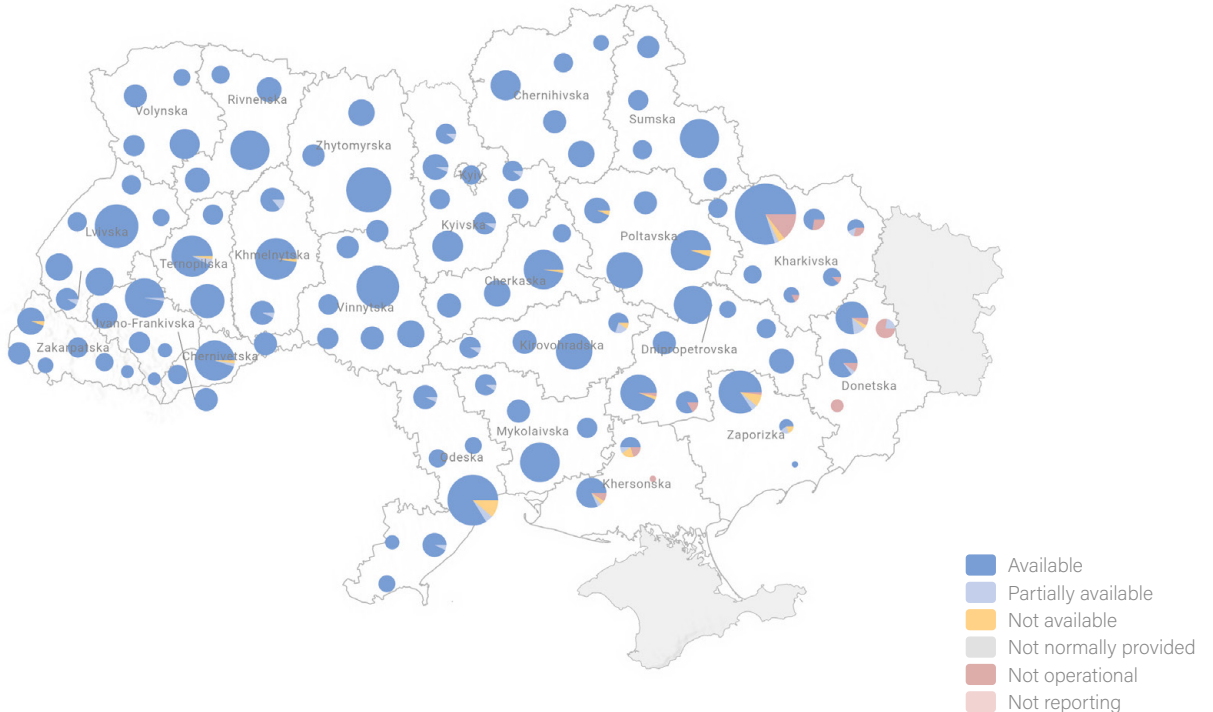


Availability by health facility type



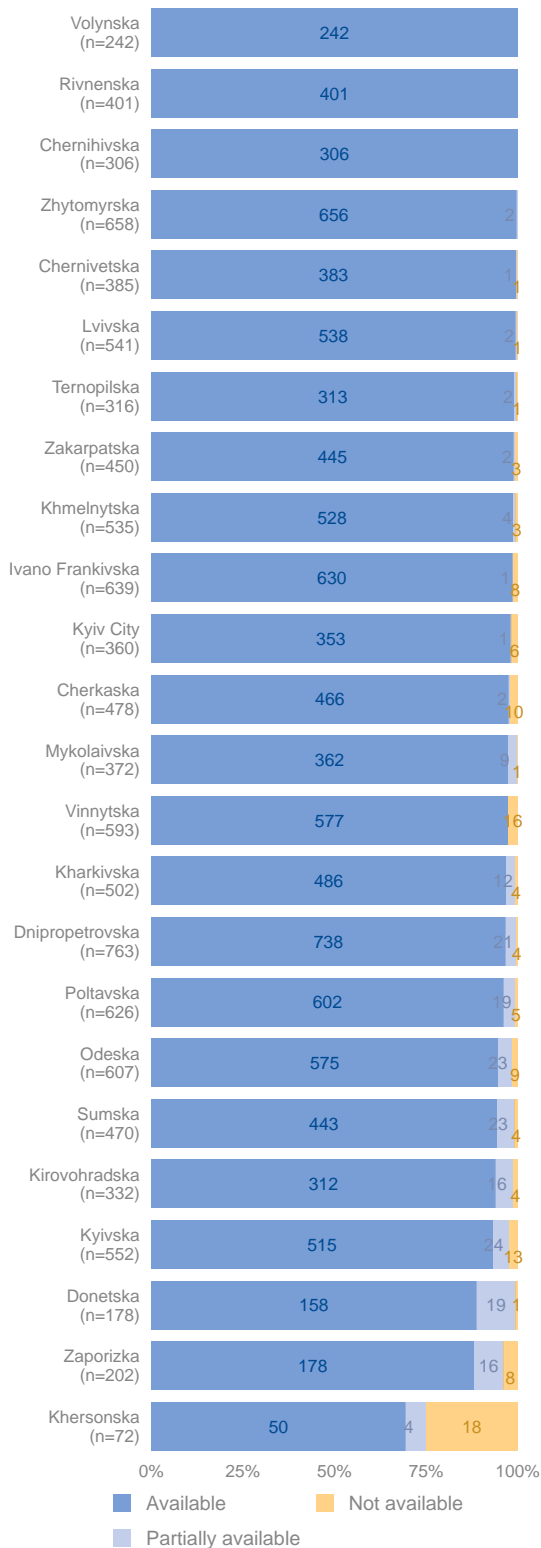
Main causes of unavailability

(n = 323)

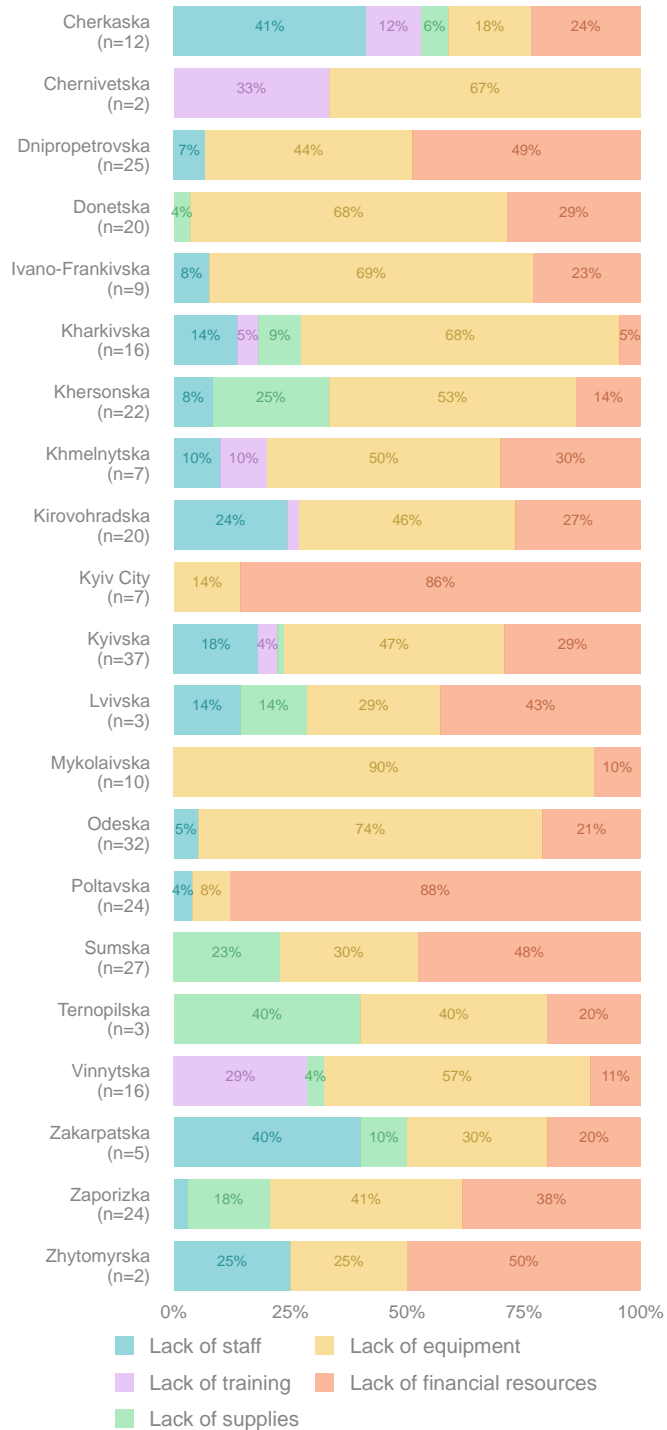


COLD CHAIN

Availability by oblast



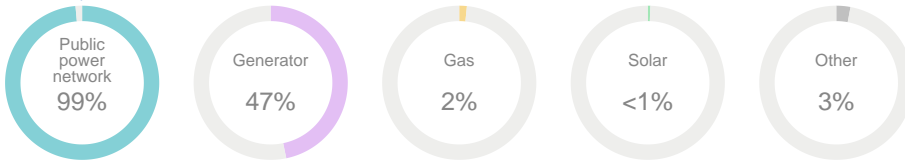
Main causes of unavailability by oblast*



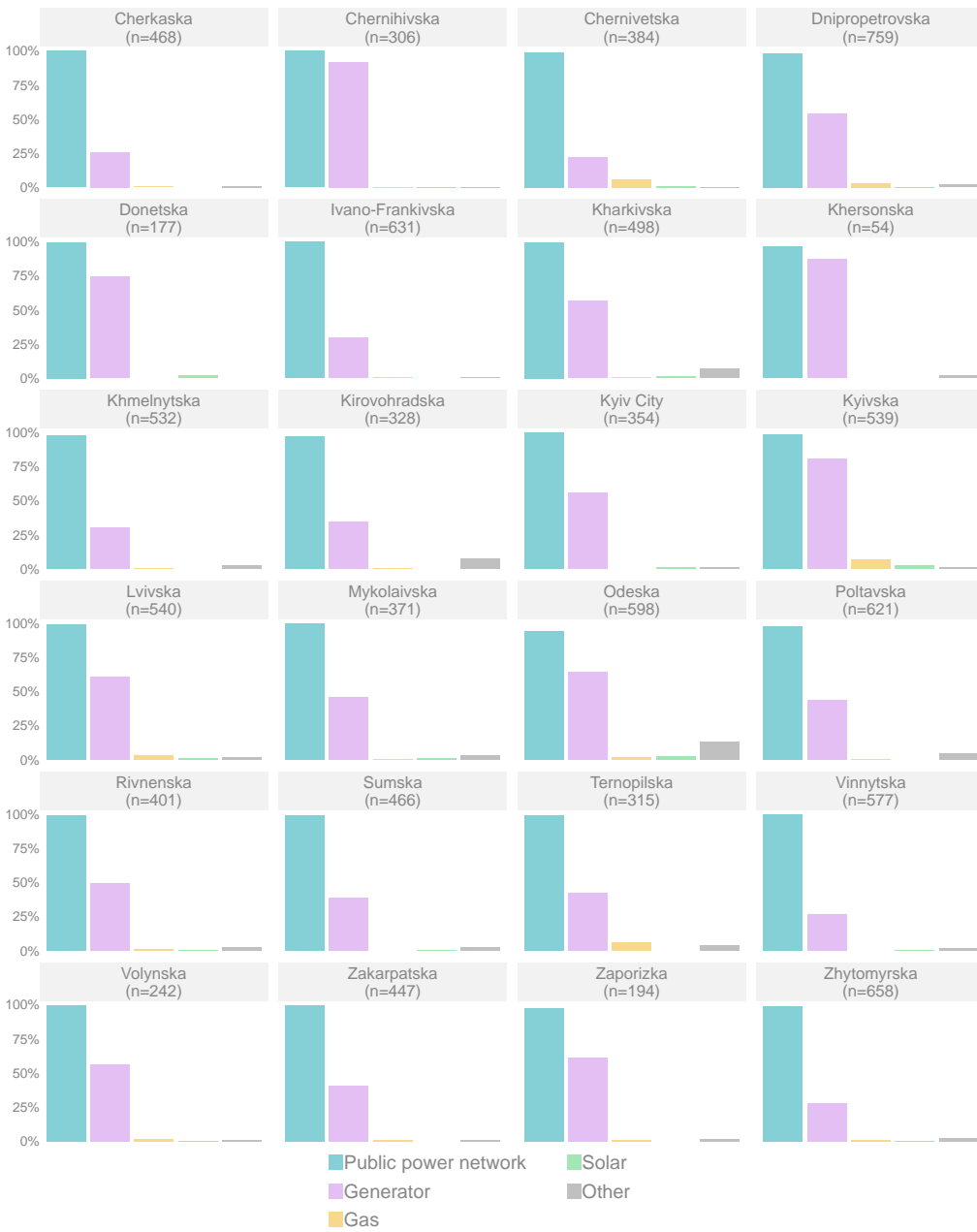
* Chart includes health facilities in which causes of unavailability were indicated

COLD CHAIN POWER SOURCES

Main power sources
n = 10460

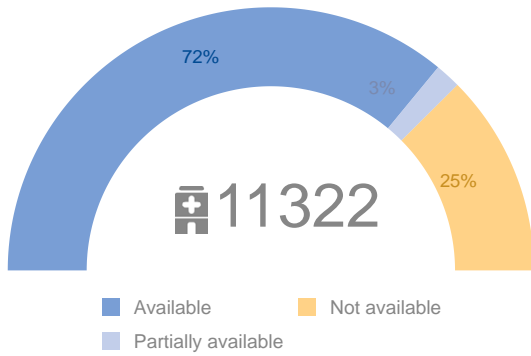


Main power sources by oblast

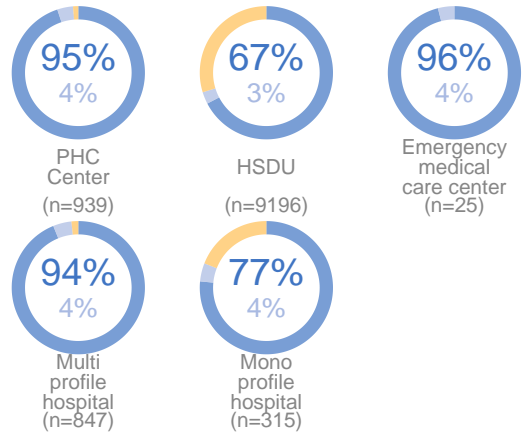


TRANSPORTATION

Transportation overview

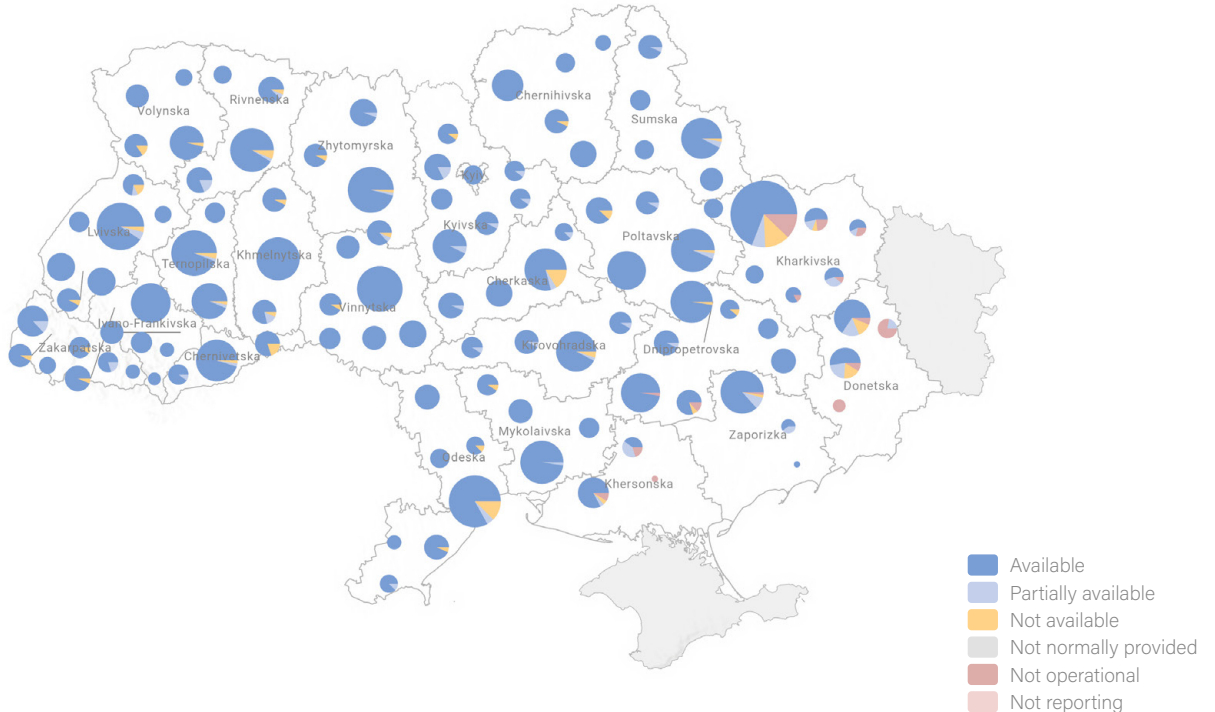
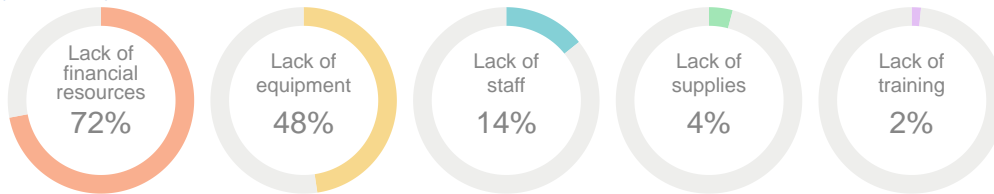


Availability by health facility type



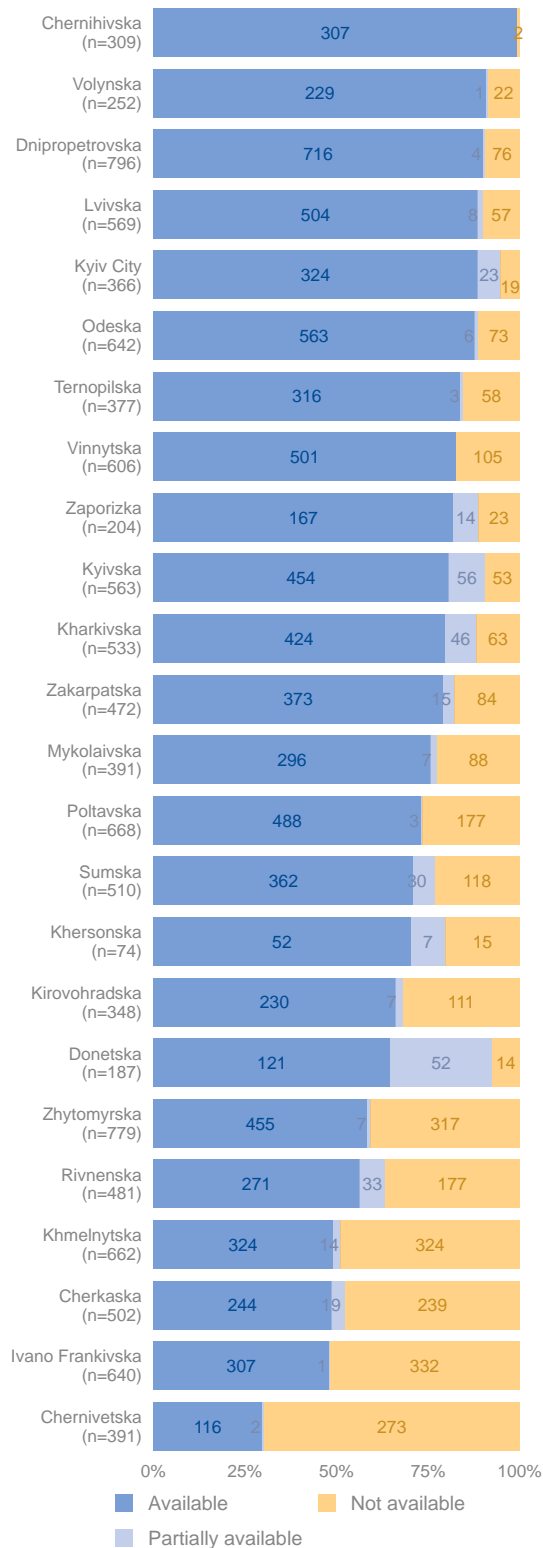
Main causes of unavailability

(n = 3171)

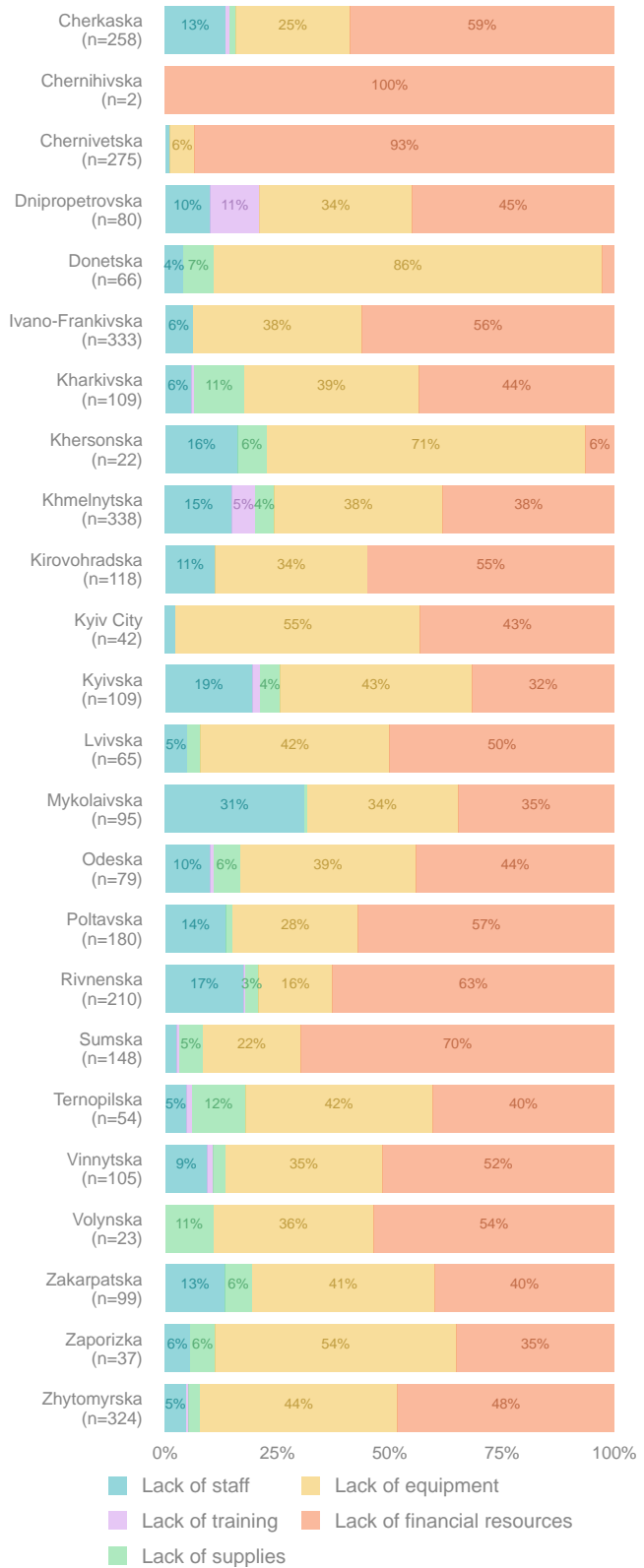


TRANSPORTATION

Availability by oblast



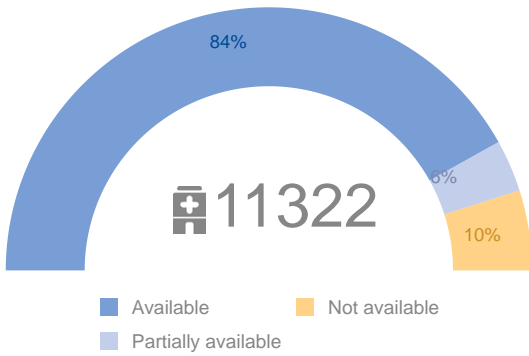
Main causes of unavailability by oblast*



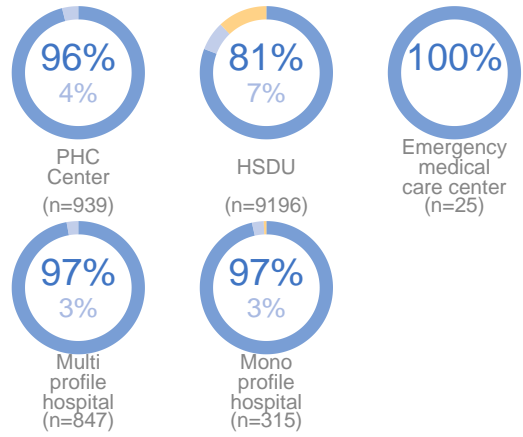
* Chart includes health facilities in which causes of unavailability were indicated

CONNECTIVITY

Connectivity overview

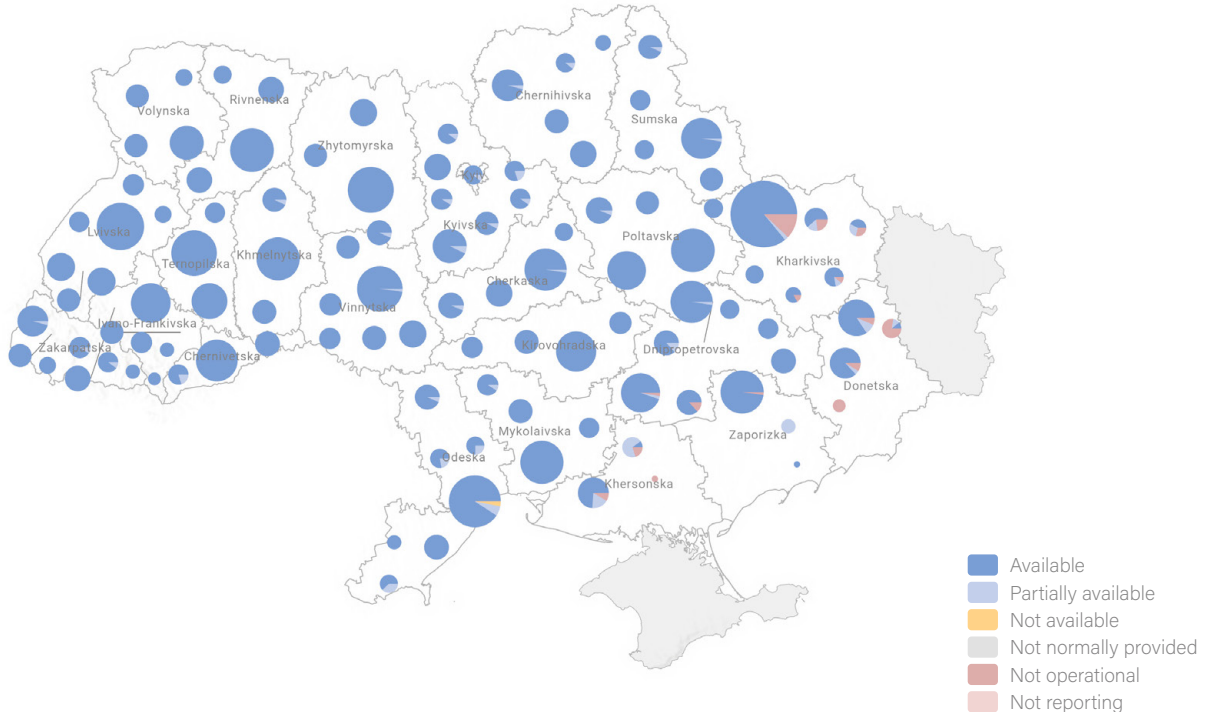
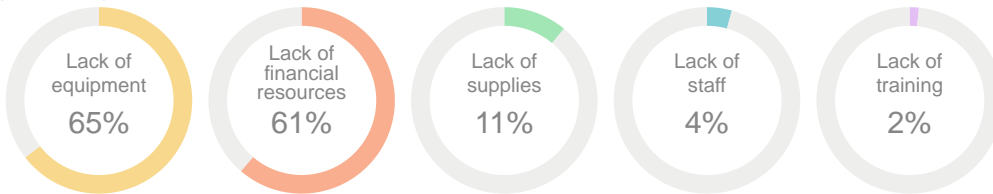


Availability by health facility type



Main causes of unavailability

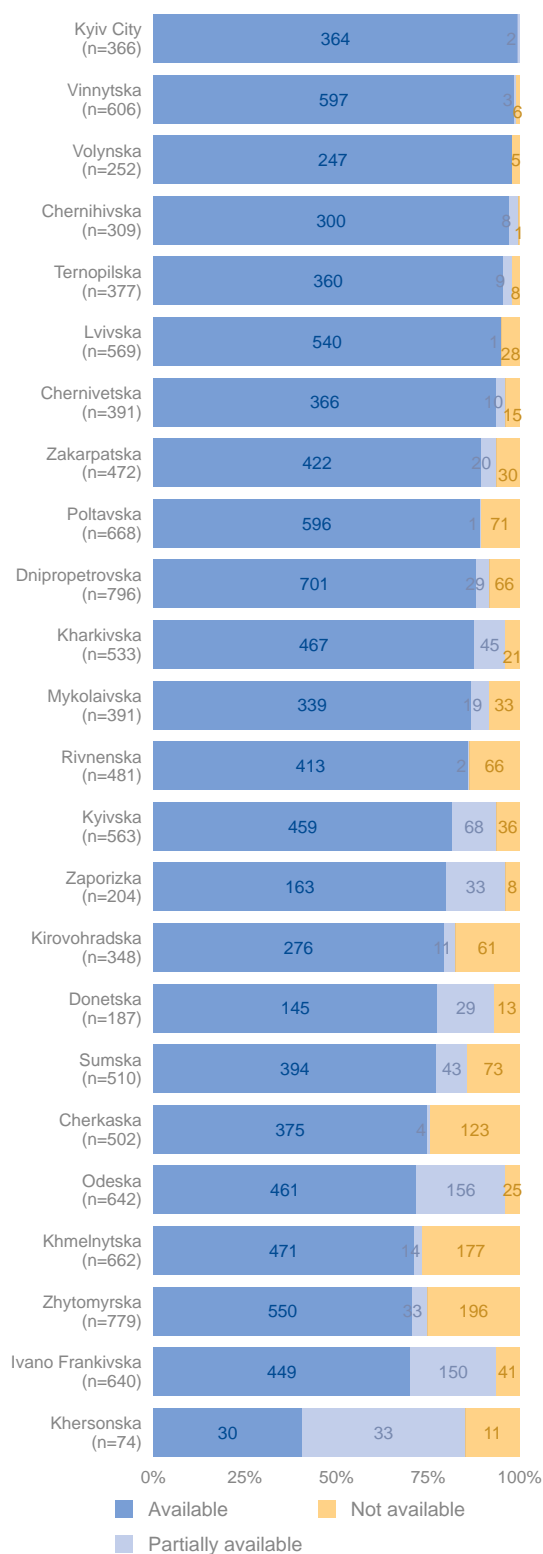
(n = 1837)



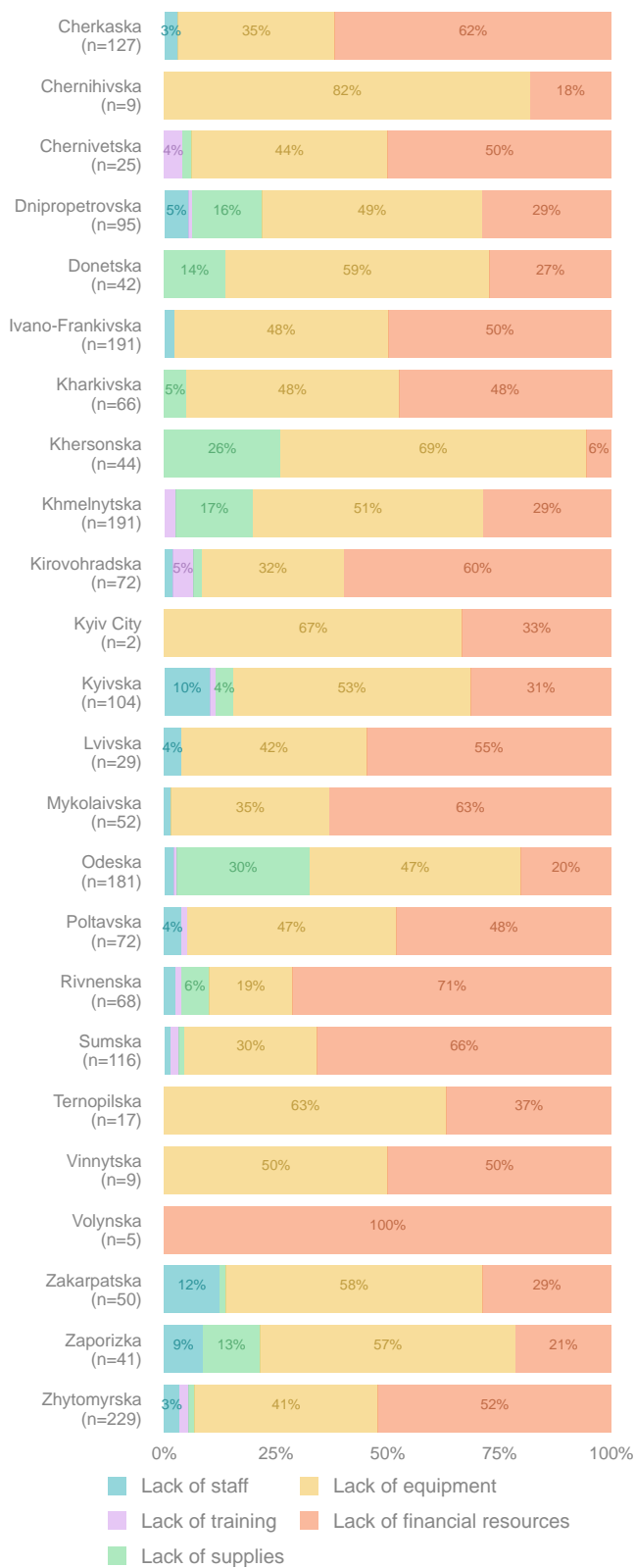
Map excludes HSDUs

CONNECTIVITY

Availability by oblast



Main causes of unavailability by oblast*



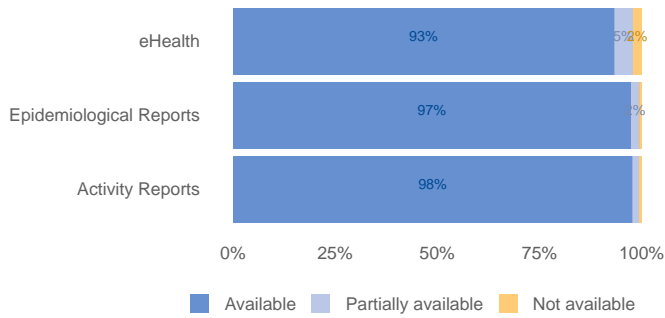
* Chart includes health facilities in which causes of unavailability were indicated

HEALTH INFORMATION MANAGEMENT SYSTEMS

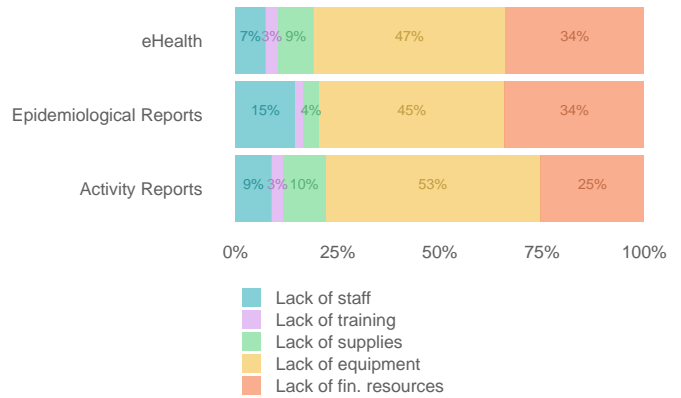


HEALTH INFORMATION MANAGEMENT SYSTEMS OVERVIEW*

Availability of health information management systems



Main causes of unavailability

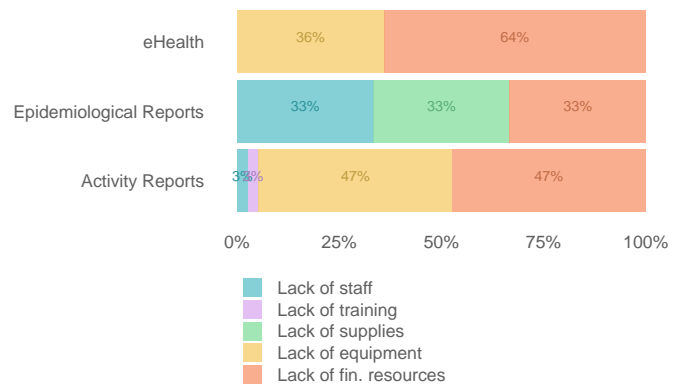
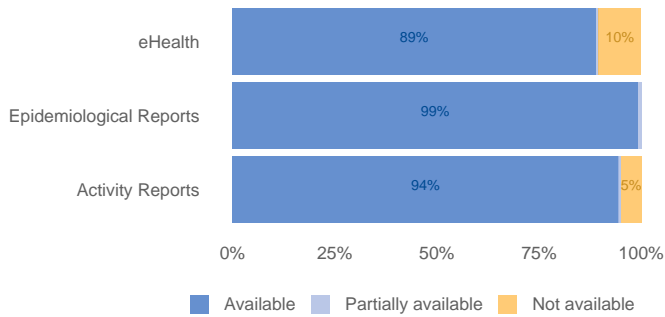


* Groups include the following indicators:

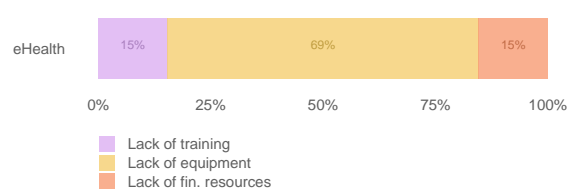
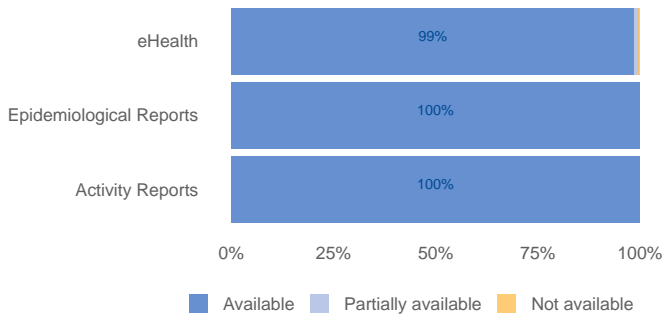
Group	Indicators
eHealth	Availability of the eHealth; Availability of data entrance into the eHealth
Epidemiological Reports	Availability of Epidemiological Reports (e.g., emergency notifications) to the local CDC
Activity Reports	Availability of Activity Reports: Availability and functionality of activity reports.(monthly reports sent to NHSU)

HEALTH INFORMATION MANAGEMENT SYSTEMS OVERVIEW BY OBLASTS

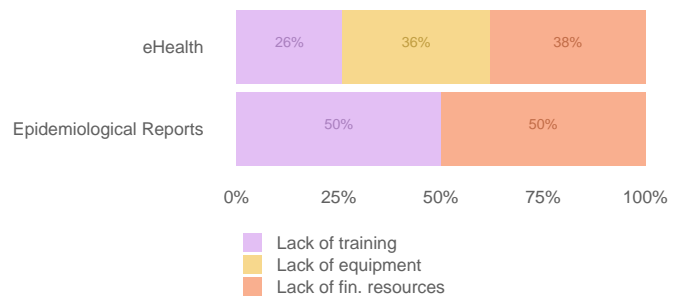
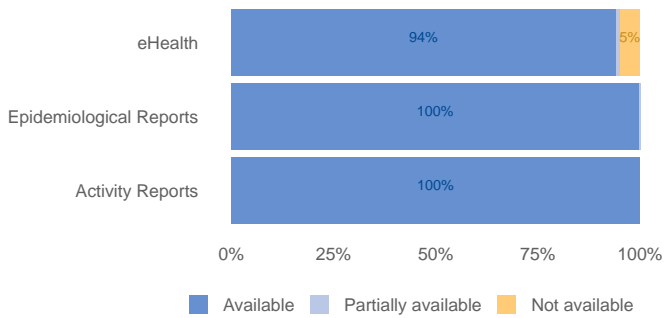
Cherkaska



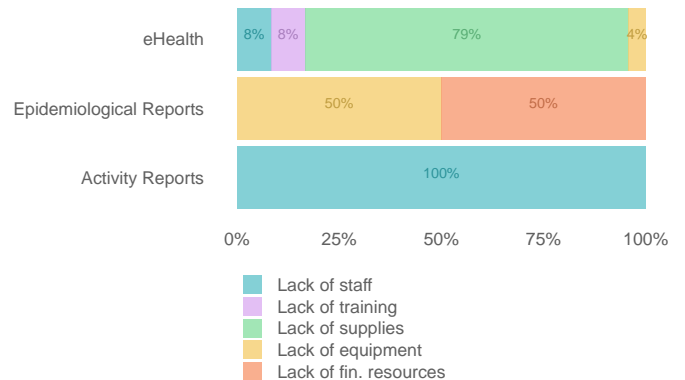
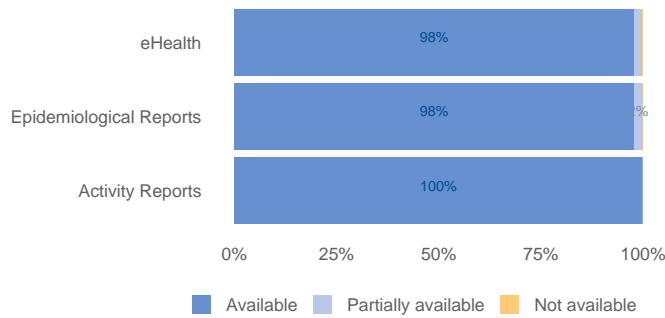
Chernihivska



Chernivetska

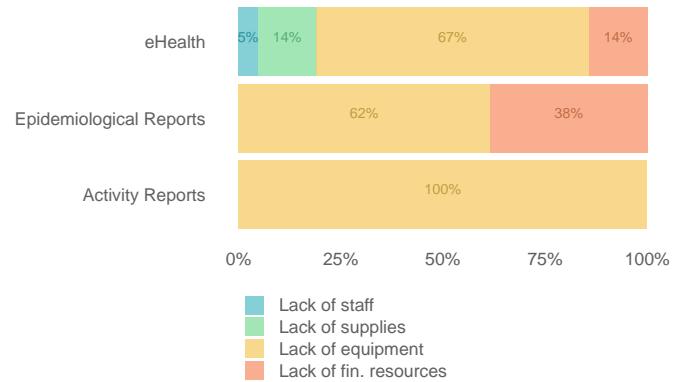
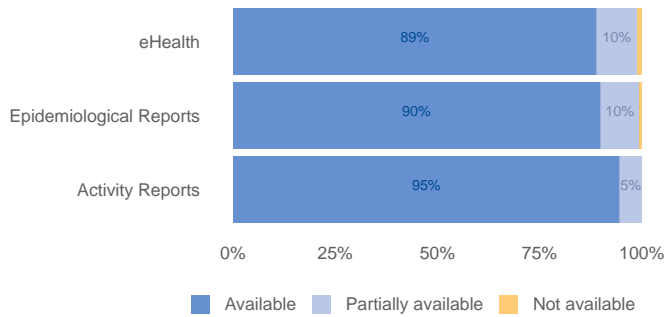


Dnipropetrovska

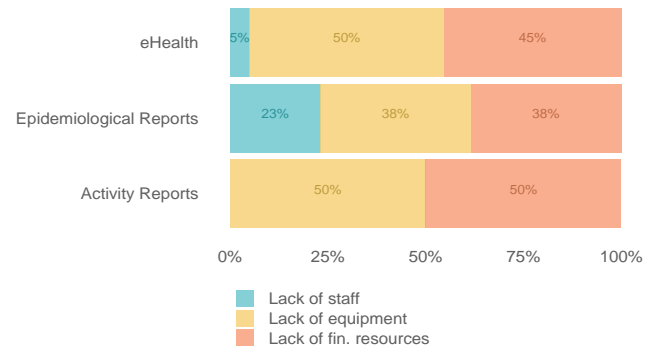
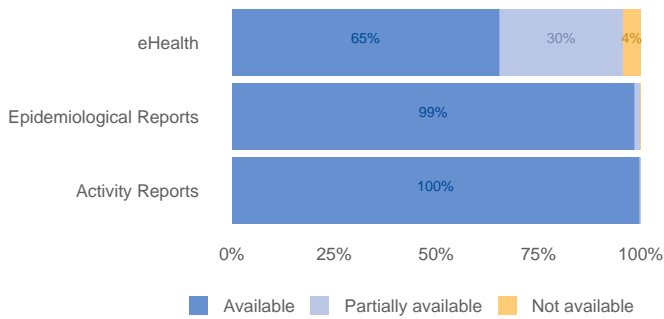


HEALTH INFORMATION MANAGEMENT SYSTEMS OVERVIEW BY OBLASTS

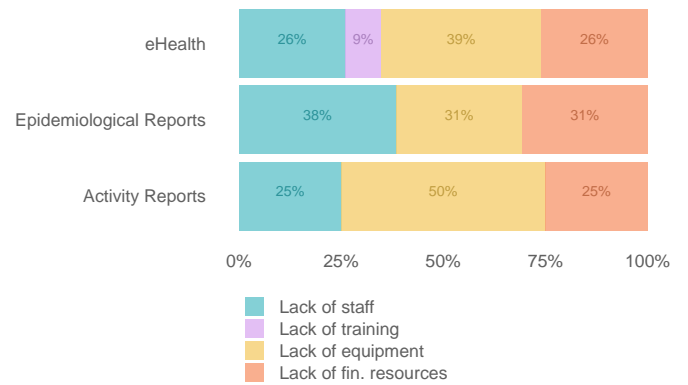
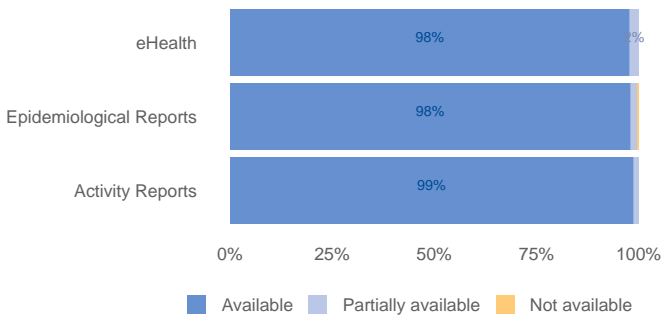
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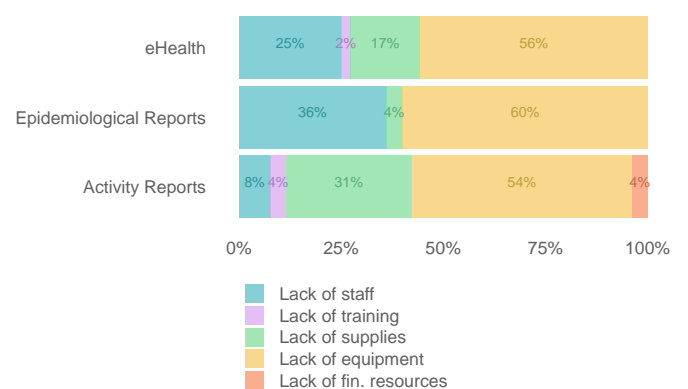
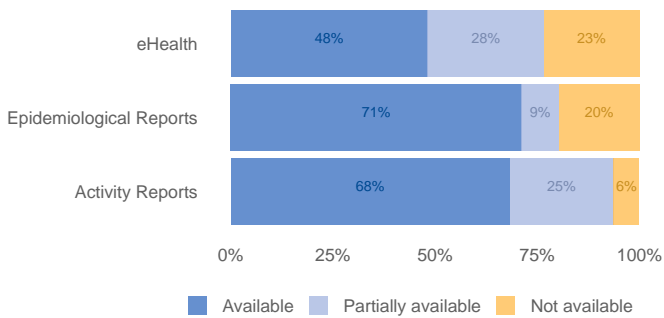
Ivano-Frankivska



Kharkivska

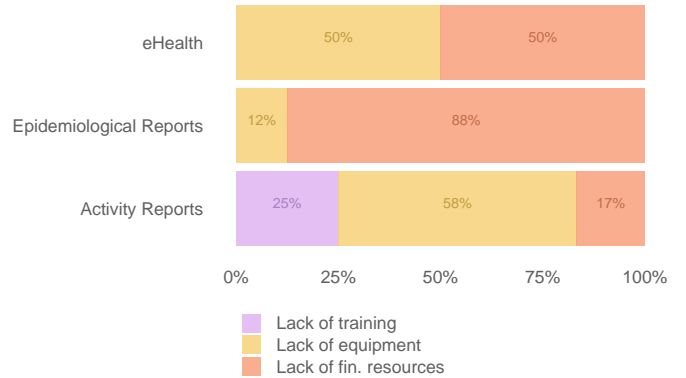
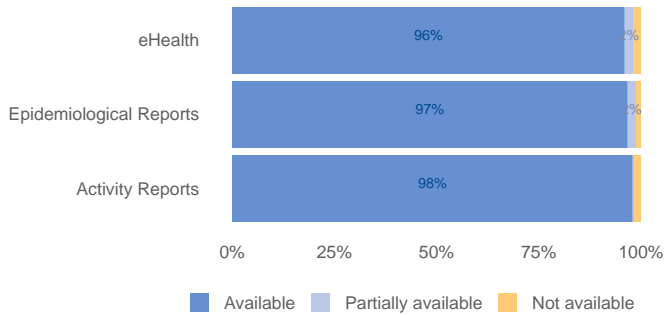


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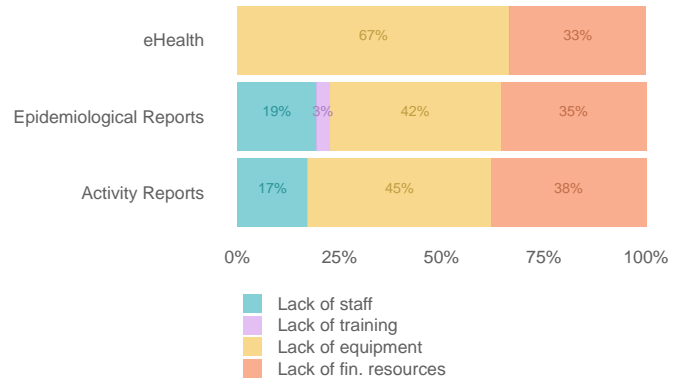
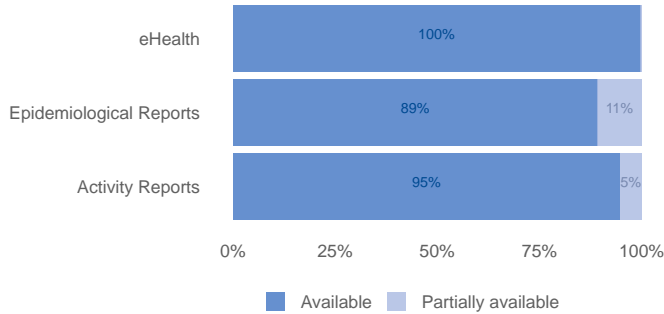


HEALTH INFORMATION MANAGEMENT SYSTEMS OVERVIEW BY OBLASTS

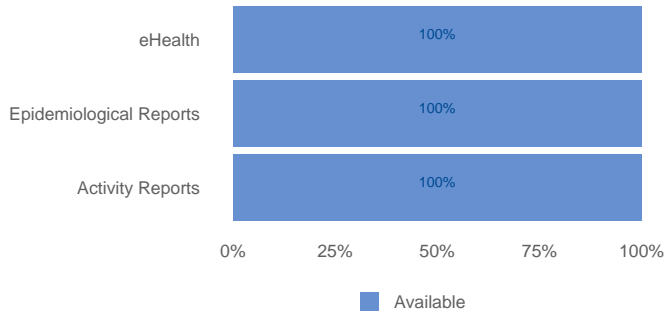
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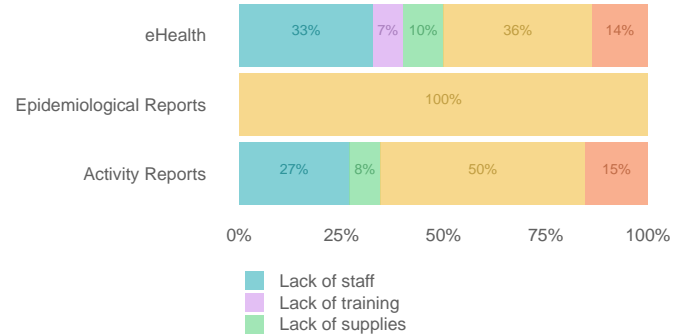
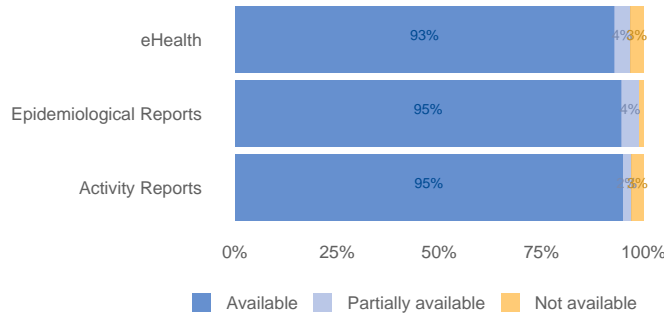
Kirovohradka



Kyiv City

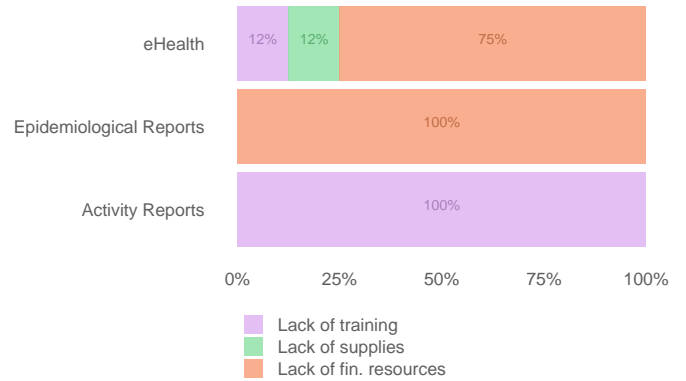
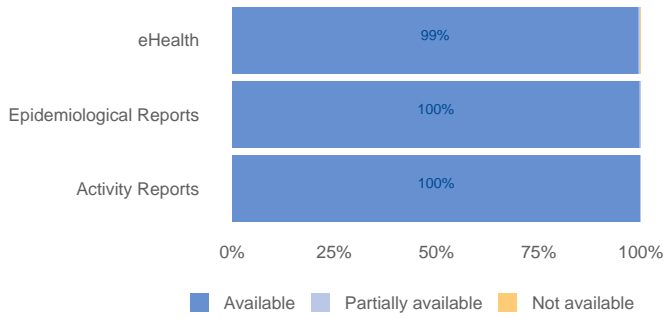


Kyivska

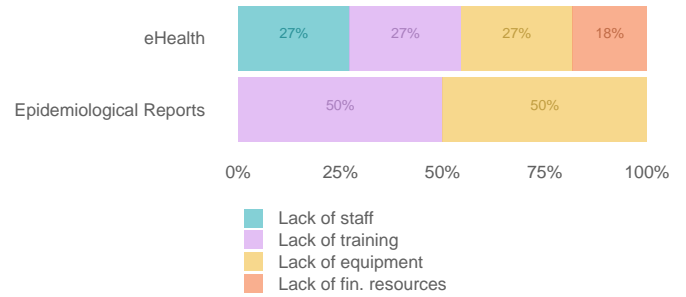
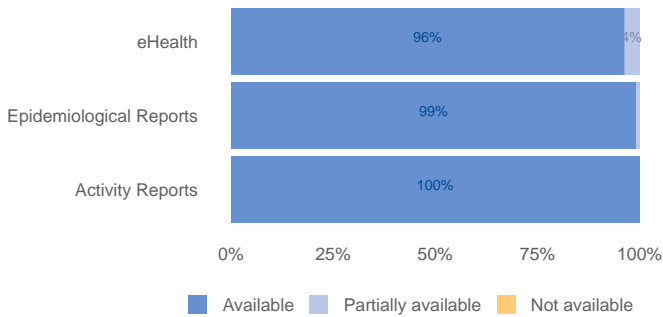


HEALTH INFORMATION MANAGEMENT SYSTEMS OVERVIEW BY OBLASTS

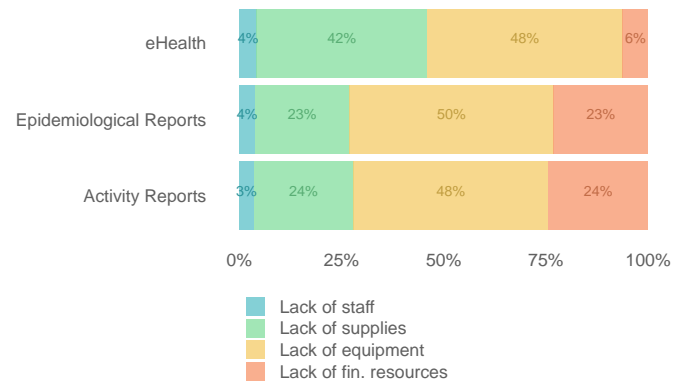
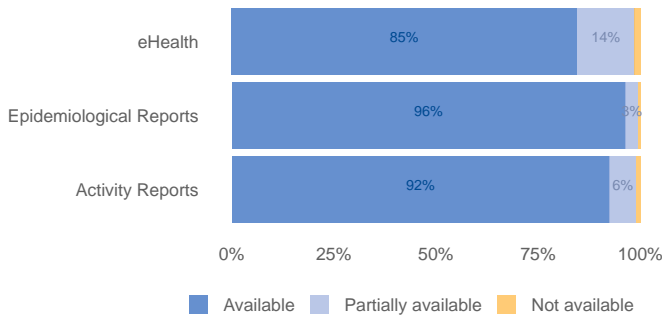
Lvivska



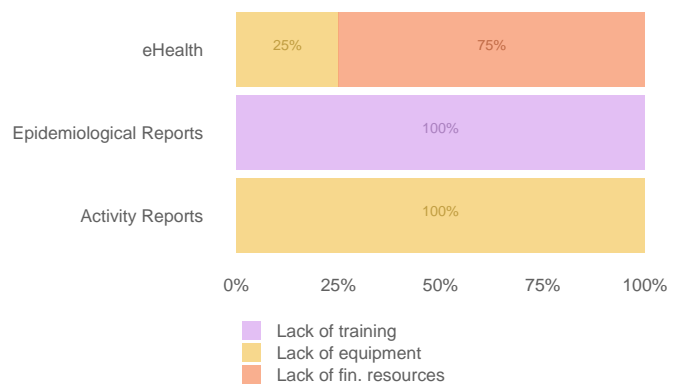
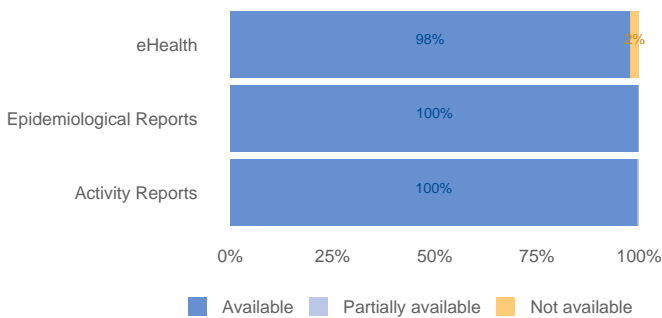
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Odeska

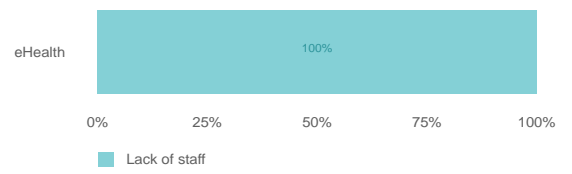
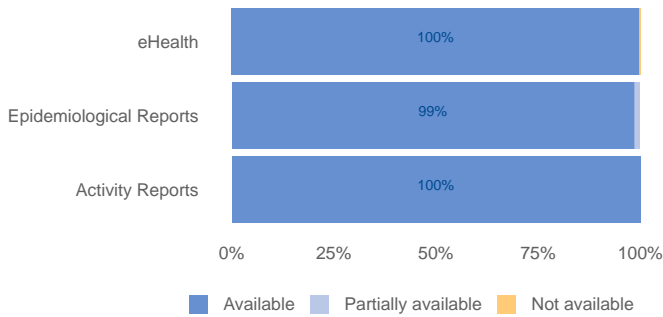


Poltavska

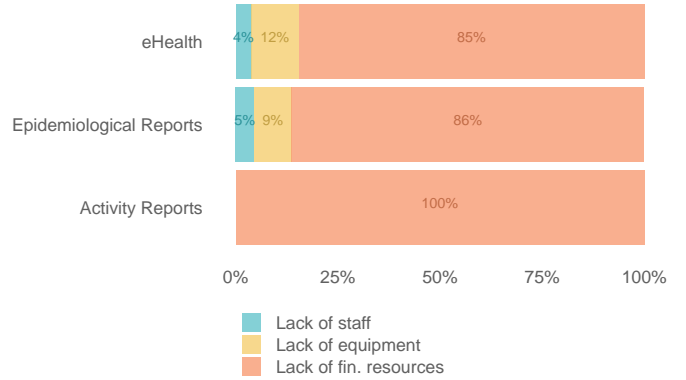
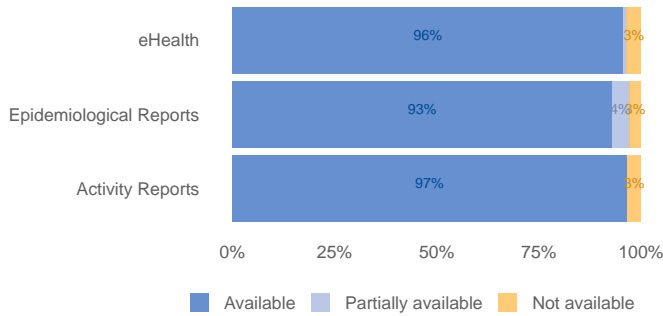


HEALTH INFORMATION MANAGEMENT SYSTEMS OVERVIEW BY OBLASTS

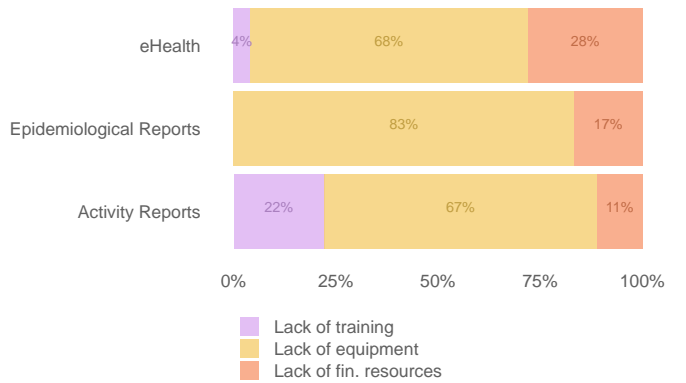
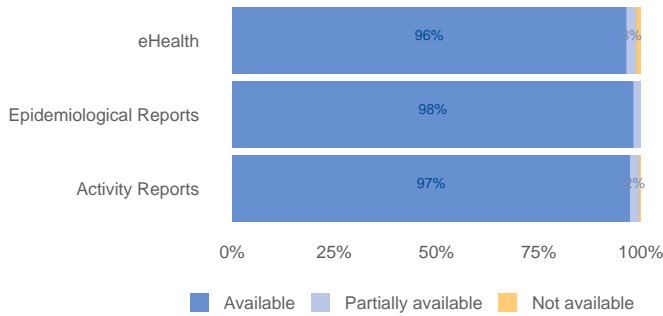
Rivnenska



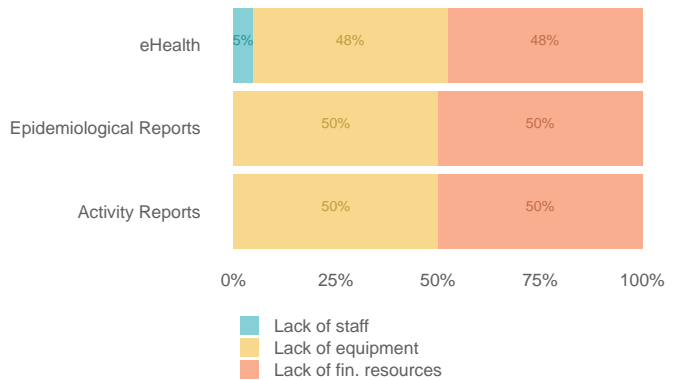
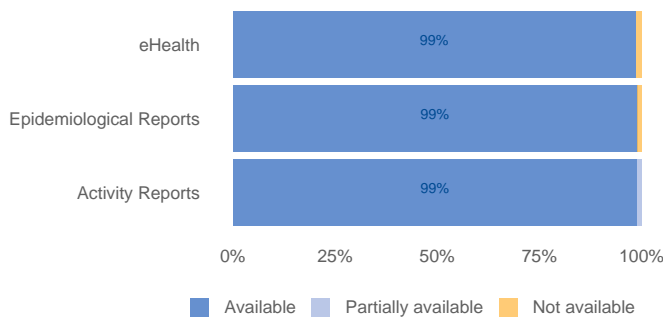
Sumska



Ternopil'ska

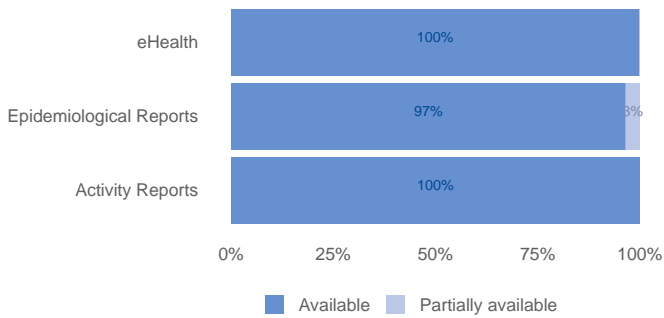


Vinnytska

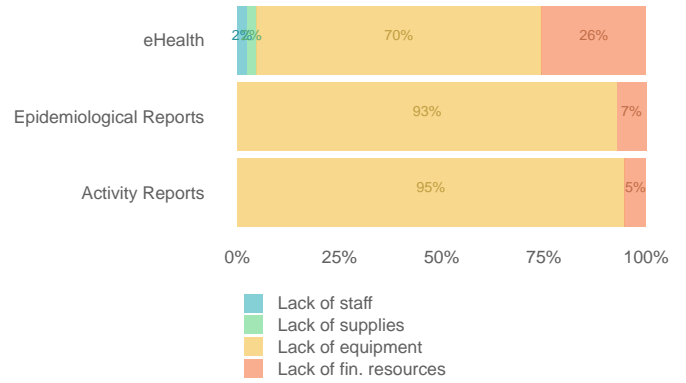
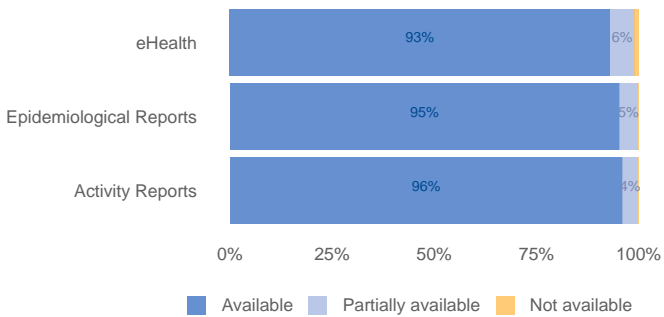


HEALTH INFORMATION MANAGEMENT SYSTEMS OVERVIEW BY OBLASTS

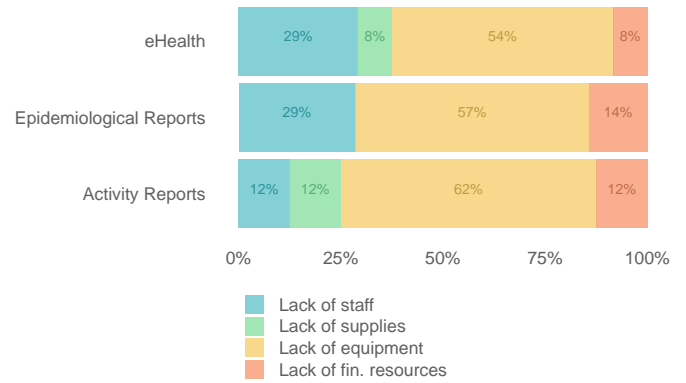
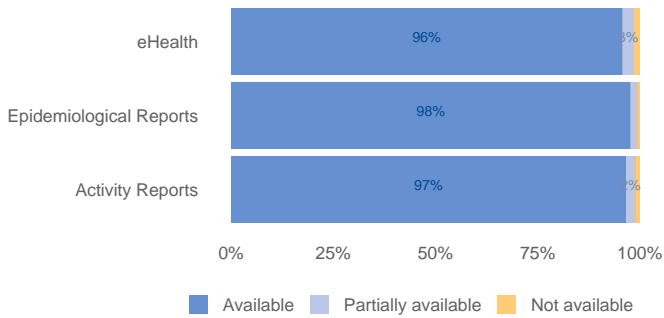
Volynska



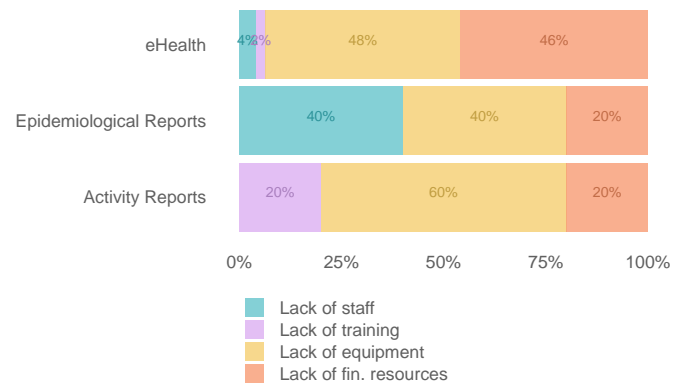
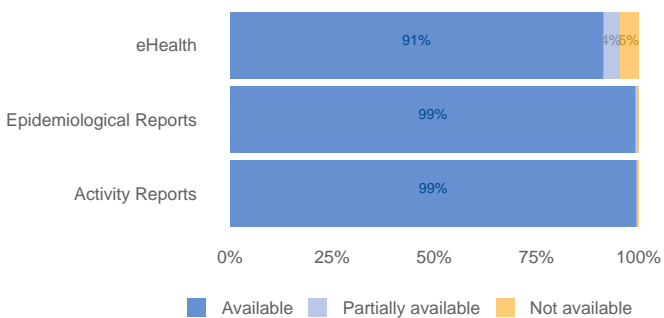
Zakarpatska



Zaporizka

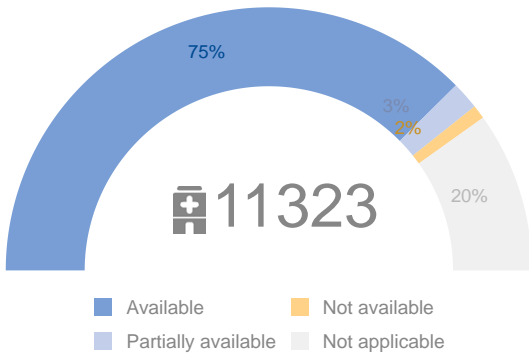


Zhytomyrska

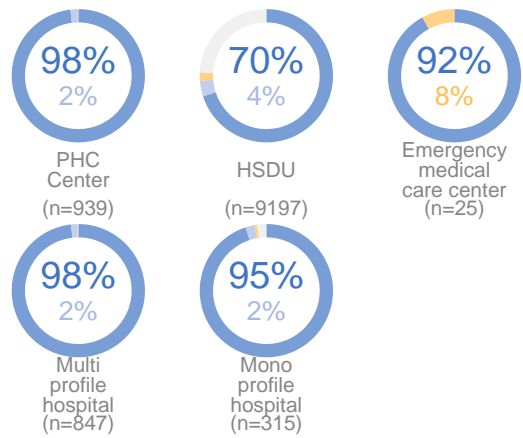


AVAILABILITY OF THE eHEALTH

Availability of the eHealth overview

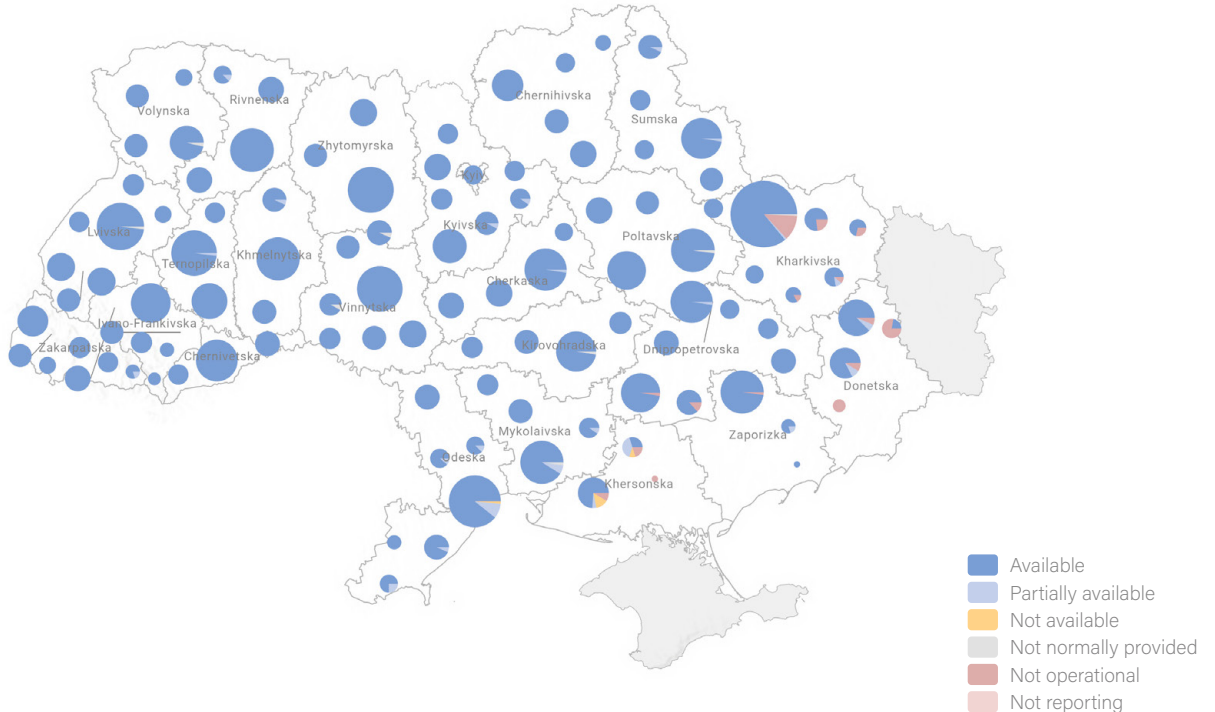
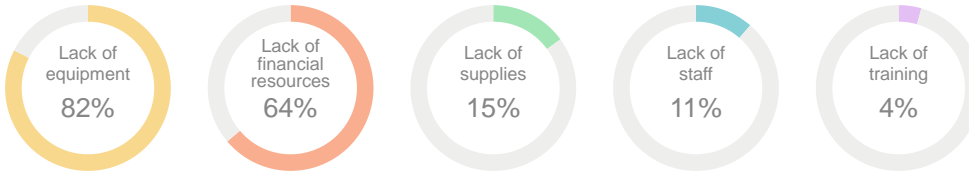


Availability by health facility type



Main causes of unavailability

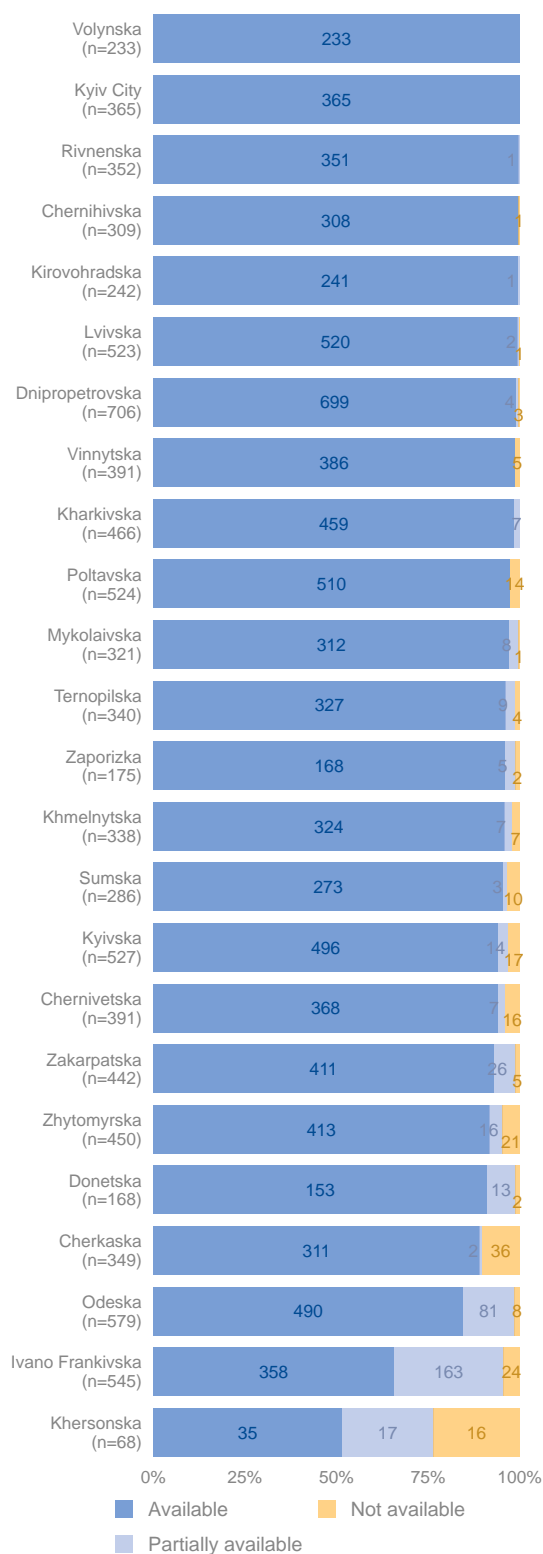
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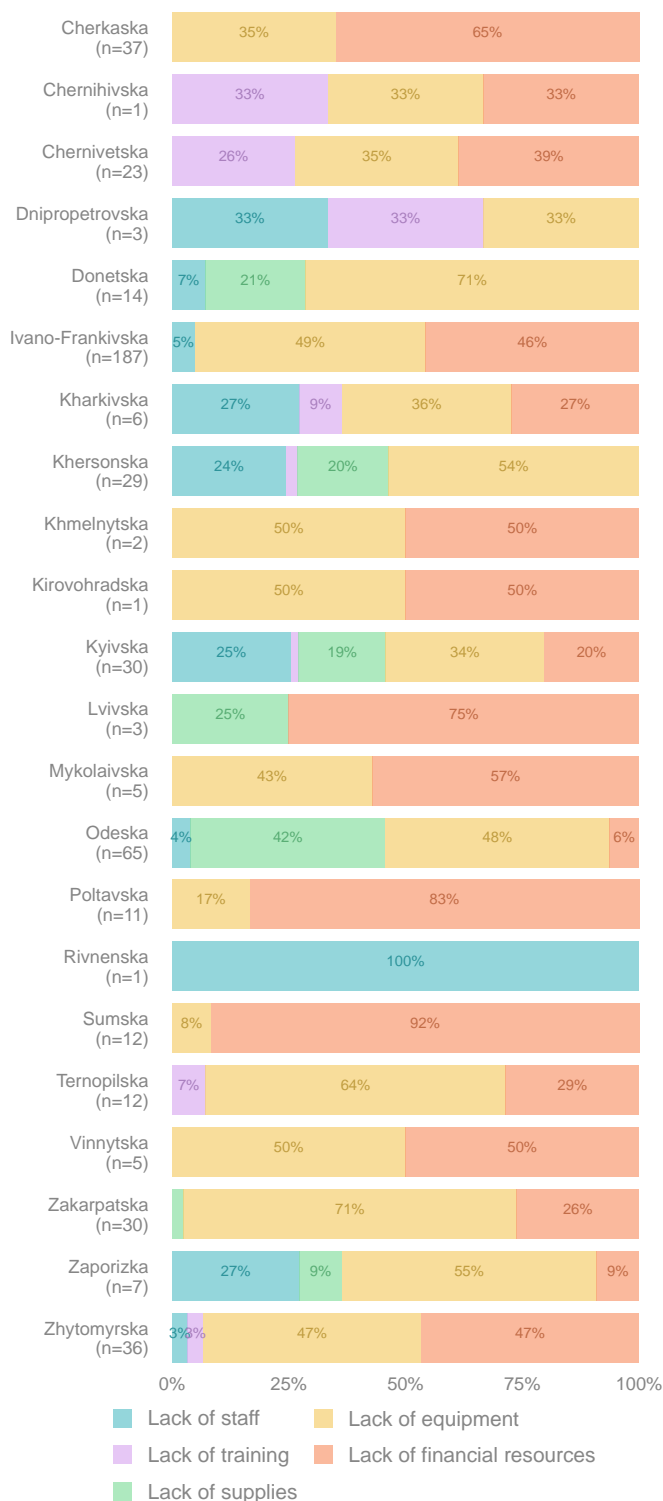
Map excludes HSDUs to avoid overlapping

AVAILABILITY OF THE eHEALTH

Availability by oblast



Main causes of unavailability by oblast*



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

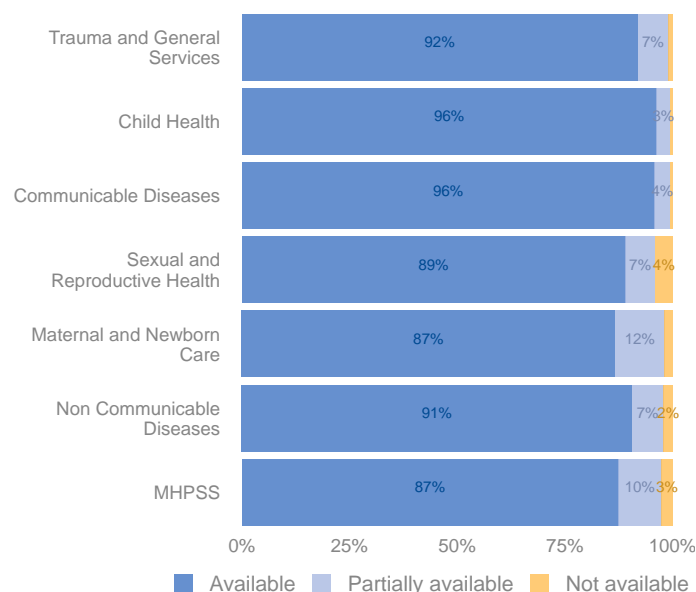
** Chart includes health facilities where the causes/barriers were indicated.

HEALTH SERVICE DOMAINS OVERVIEW

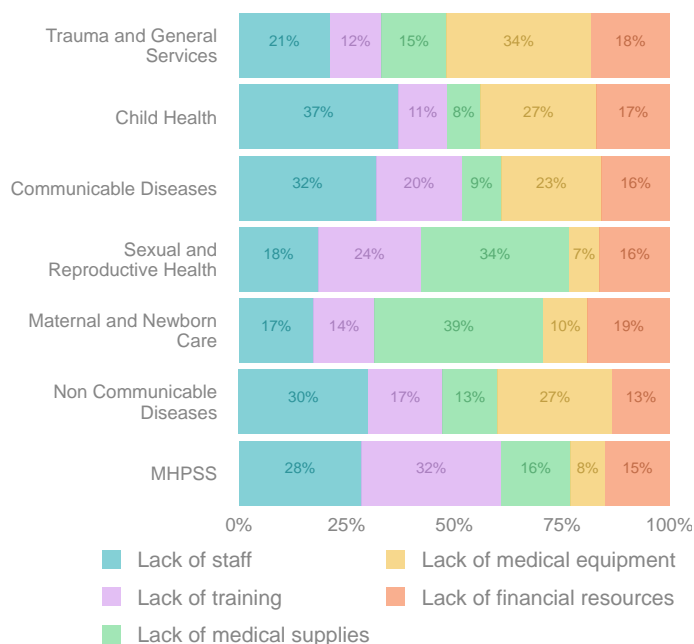


HEALTH SERVICE DOMAINS OVERVIEW*

Availability of services by domains



Barriers to service domains delivery

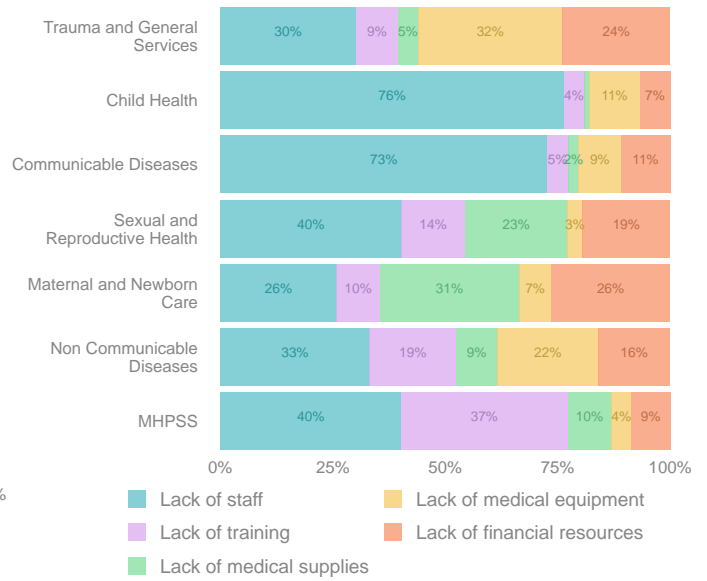
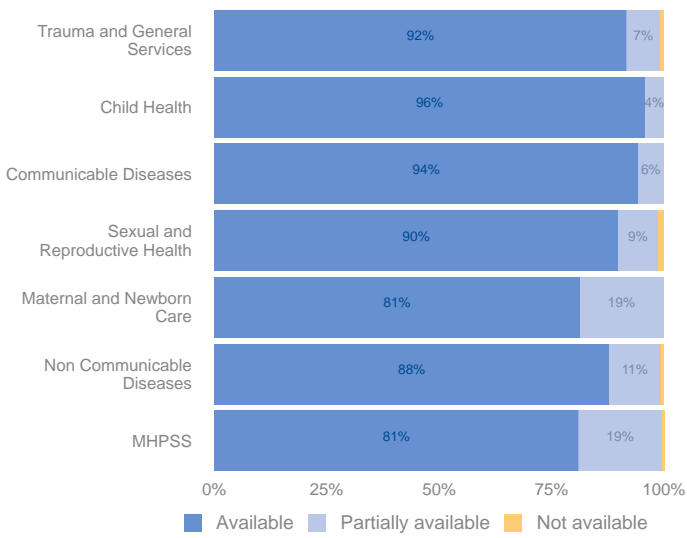


* Services domains include the following services:

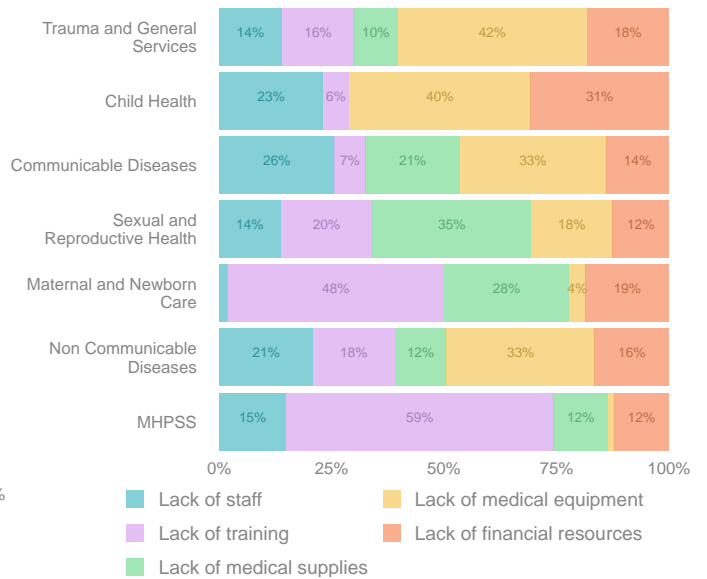
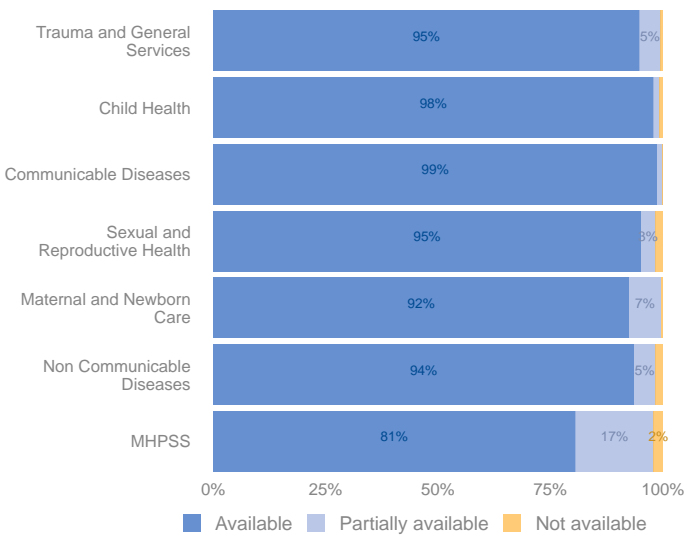
Domain	Services
Trauma and General Services	Request for ambulance services by the patient; Recognition of danger signs; Acuity-based formal triage; Basic emergency care by prehospital provider; Basic Emergency Care; Advanced Syndrome-based management; Referral capacity without the need of specific transportation; Monitored referral with transportation; Acceptance of referrals; Acceptance of complex referrals; Outpatient services for primary care; Remote consultations telemedicine; Outpatient department for specialized care; Home visits; Minor trauma definitive management; Emergency and elective surgery; Burns treatment; Emergency and elective surgery with at least two operating theatres; Orthopedic/trauma ward; Short hospitalization capacity; Basic inpatient bed capacity; Advanced inpatient bed capacity; Inpatient critical care management; Basic laboratory; Laboratory services for specialized care; Blood bank services; Hemodialysis/Peritoneal dialysis; Basic X-ray service; Radiology unit; Early discharge of post-operative patients in mass casualty scenarios
Child Health	Outpatient services; Inpatient surgical care; Inpatient non-surgical care; Management of children classified as severe or very severe diseases; Community mobilization for EPI; EPI; Breastfeeding practices; Growth monitoring
Communicable Diseases	Syndromic surveillance; Event-based surveillance; Tuberculosis; MDRTB; IEC on local priority diseases; Local priority diseases; Management of severe and/or complicated communicable diseases; Isolation unit or room; Readiness of epidemic and emergency situations
Sexual and Reproductive Health	Free access to condoms; IEC on STI/HIV; Syndromic management of STIs; HIV testing and counseling; Pre-exposure prophylaxis; PMTCT; Antiretroviral treatment; Clinical management of rape survivors; Emergency contraception; Post-exposure prophylaxis
Maternal and Newborn Care	Family planning; Antenatal care; Skilled care during childbirth; Basic Emergency Obstetric Care; Comprehensive Emergency Obstetric Care; Postpartum care; Comprehensive abortion care
Non-Communicable Diseases	Promote self-care; NCD Clinic; Asthma and Chronic Obstructive Pulmonary Disease; Availability of cancer diagnostics services; Primary cancer screening (non-instrumental methods); Mammography; Hysteroscopy; Esophagogastroduodenoscopy; Colonoscopy; Cystoscopy; Bronchoscopy; Prostate biopsy; Availability of cancer treatment services; Chemotherapy treatment and follow-up; Radiotherapy treatment and follow-up; Hematological and oncohematological diseases; Hypertension; Medical assistance in acute cerebral stroke; Medical assistance for acute myocardial infarction; Diabetes; Inpatient acute rehabilitation; Outpatient or community level rehabilitation services; Prosthetics and Orthotics; Oral health and dental care
MHPSS	Psychological first aid; Outpatient management of mental disorders; Management of opioid drugs abuse; Inpatient care for mental disorders by specialists

HEALTH SERVICE DOMAINS BY OBLAST

Cherkaska

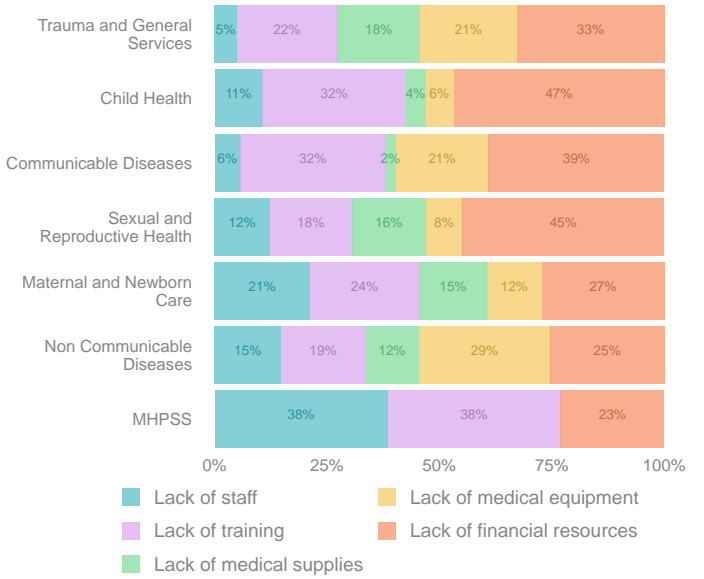
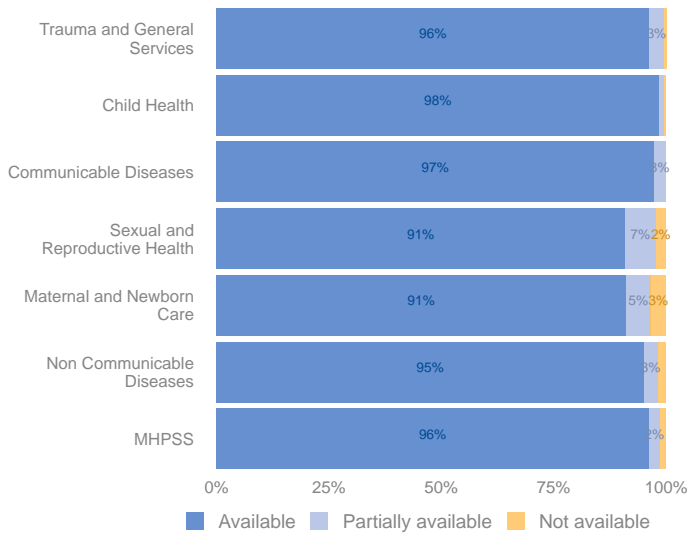


Chernihivska

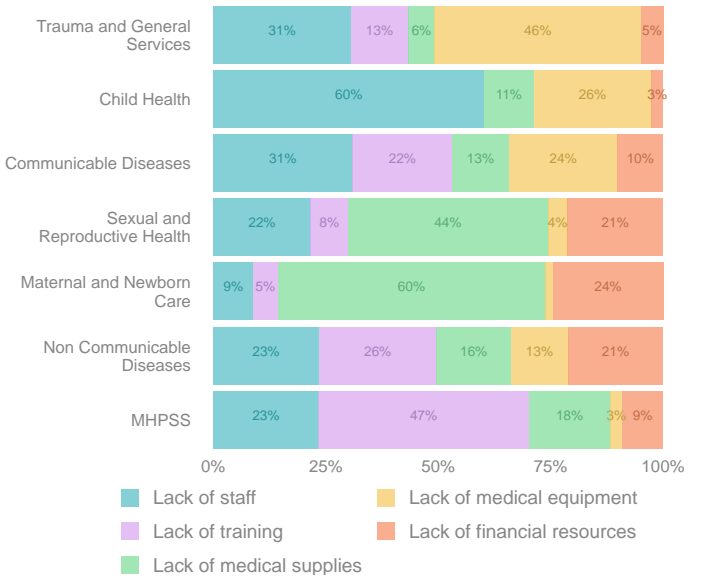
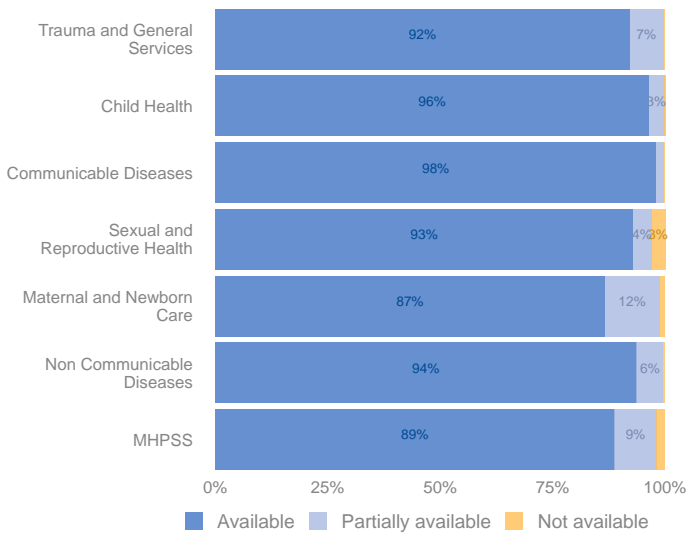


HEALTH SERVICE DOMAINS BY OBLAST

Chernivetska

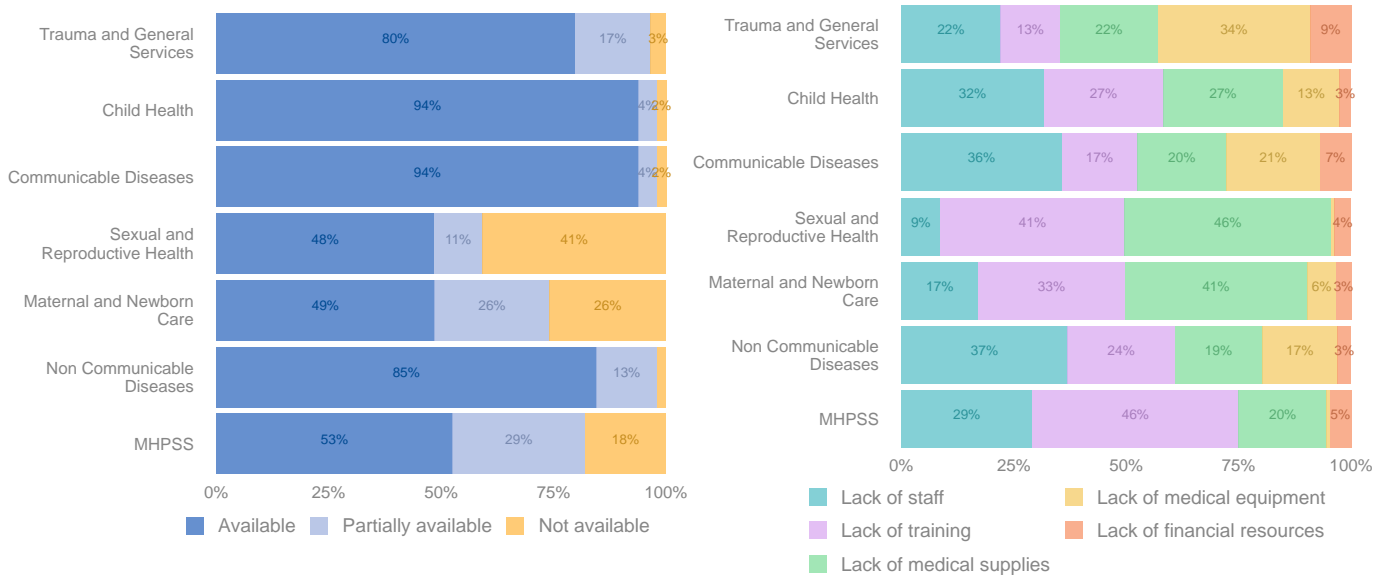


Dnipropetrovska

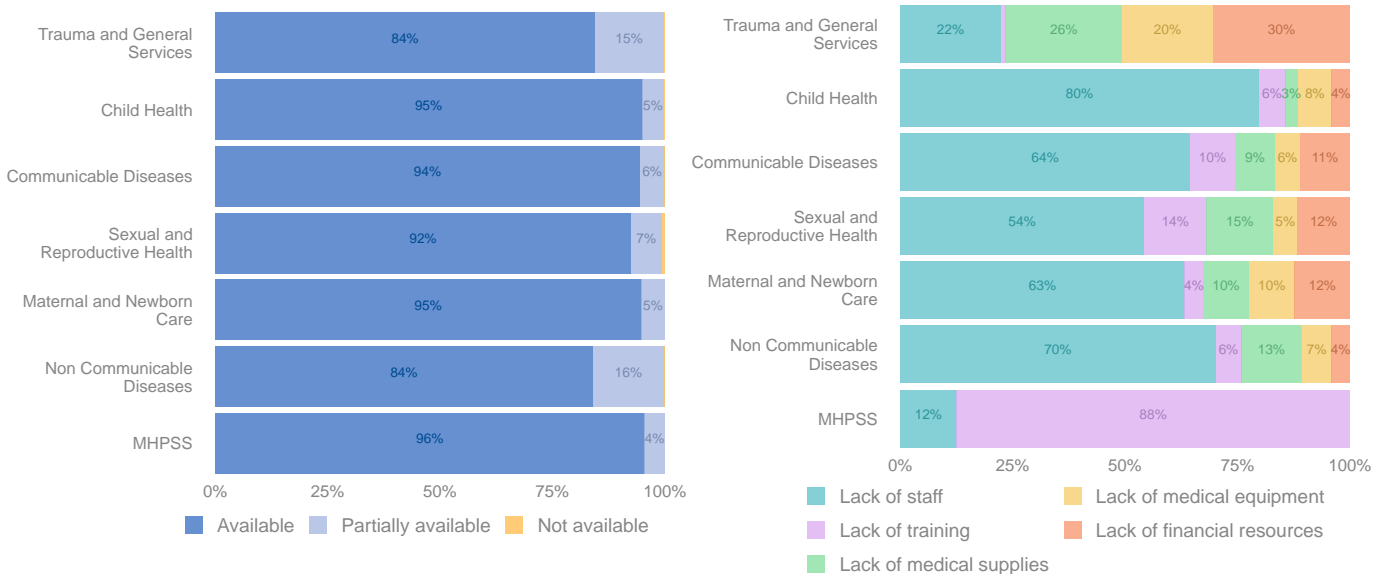


HEALTH SERVICE DOMAINS BY OBLAST

Donetska

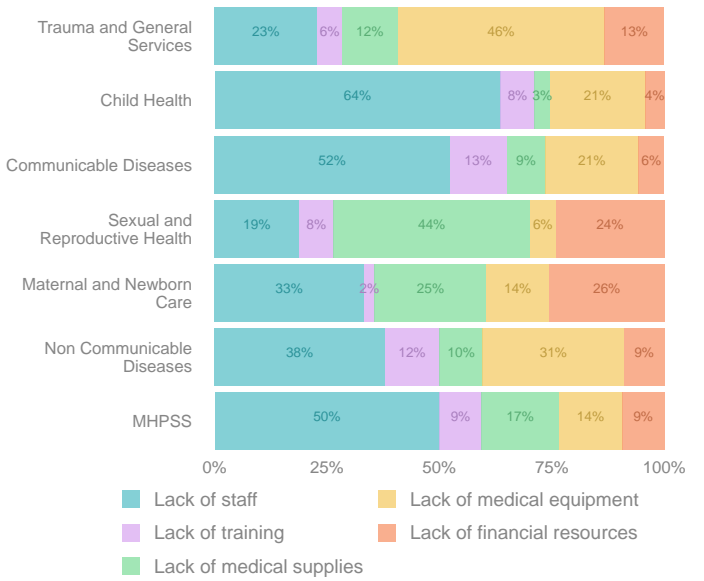
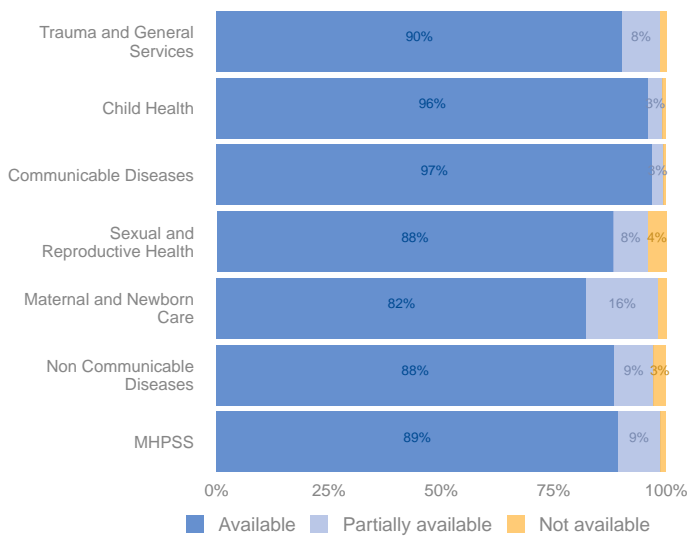


Ivano-Frankivska

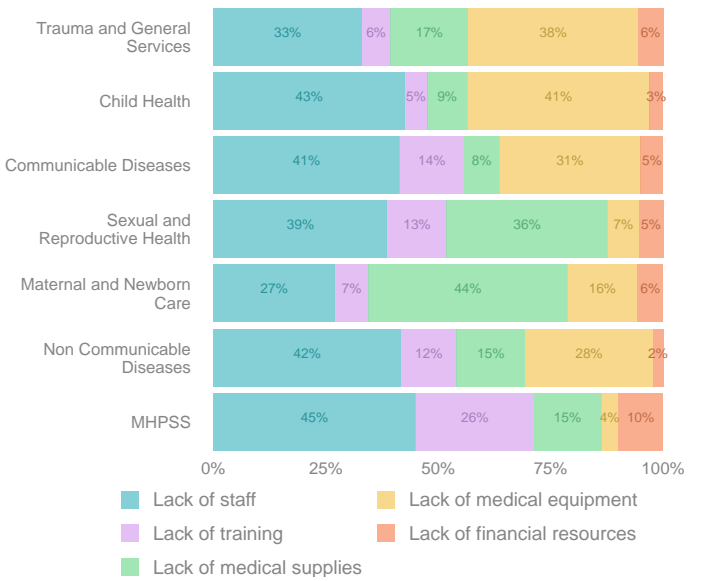
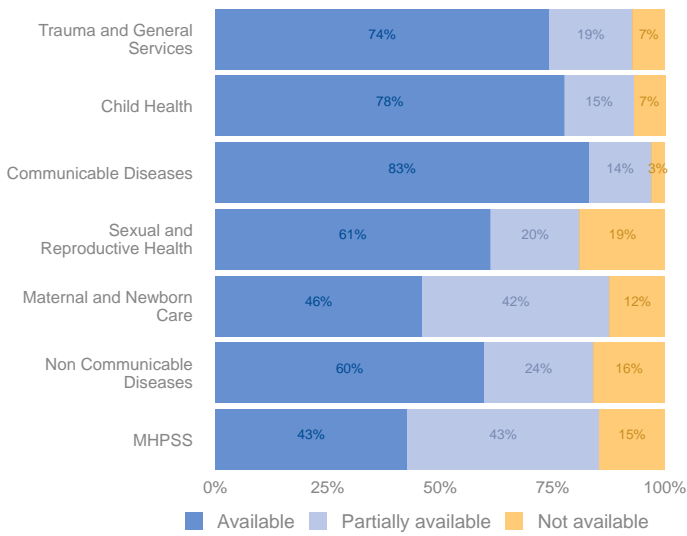


HEALTH SERVICE DOMAINS BY OBLAST

Kharkivska

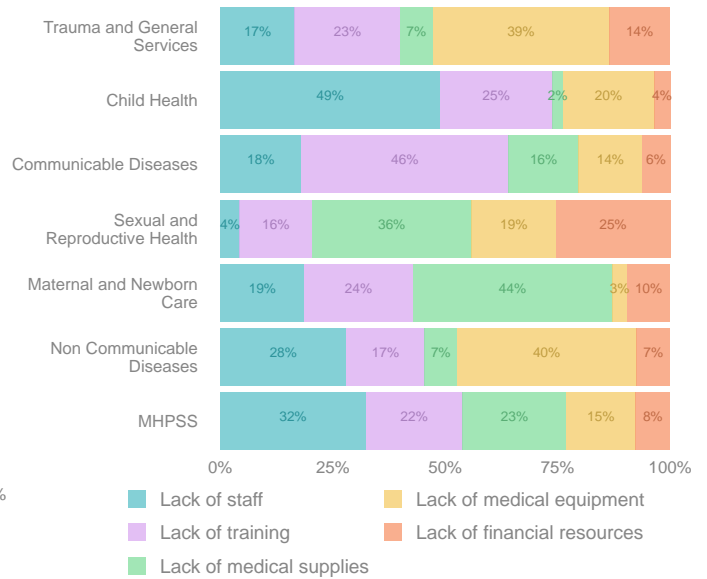
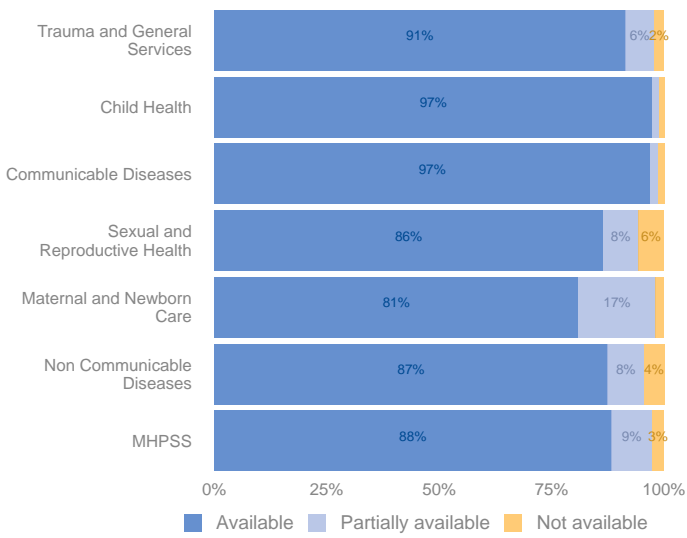


Khersonska

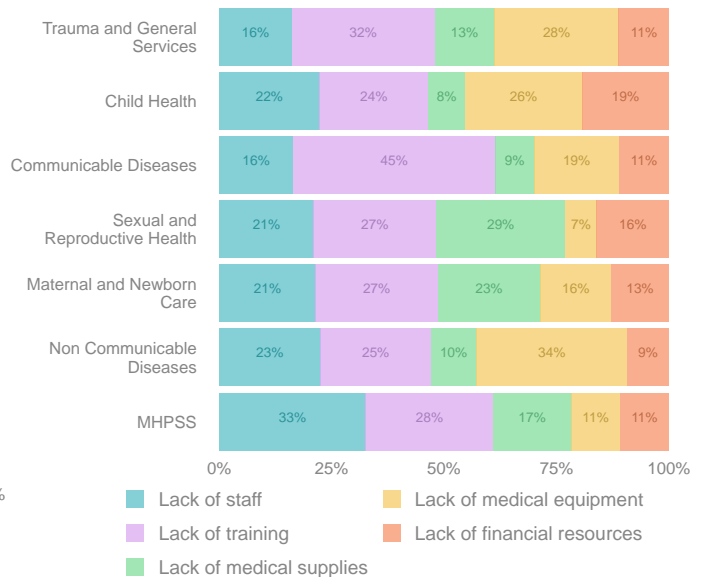
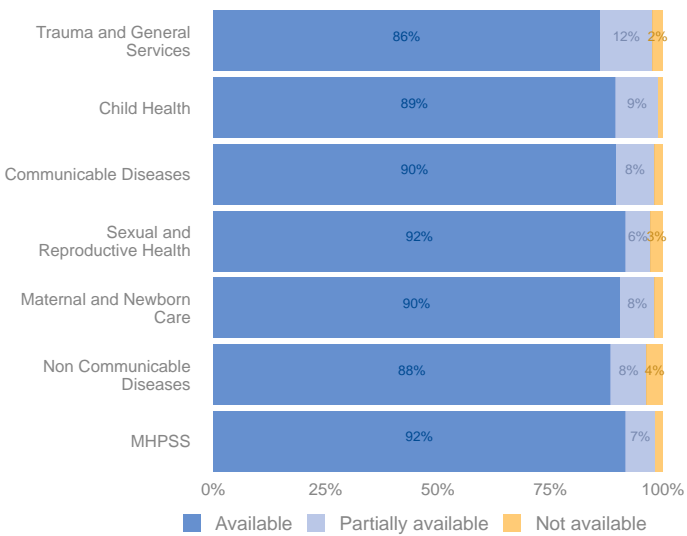


HEALTH SERVICE DOMAINS BY OBLAST

Khmelnyska

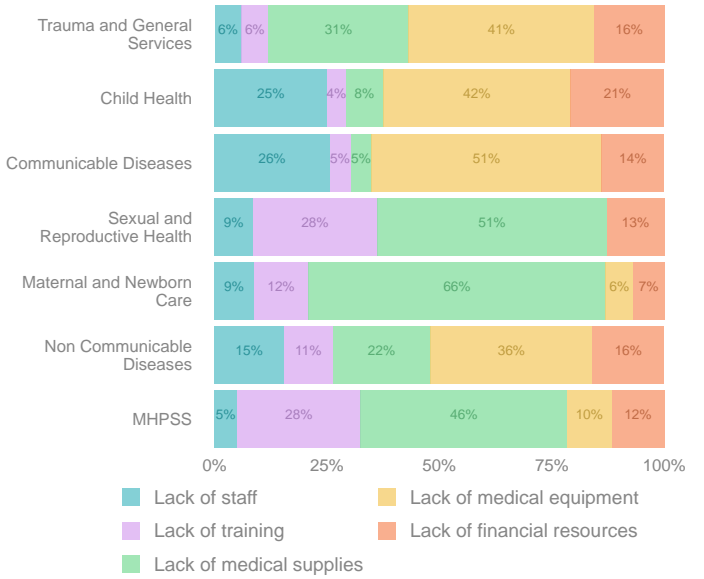
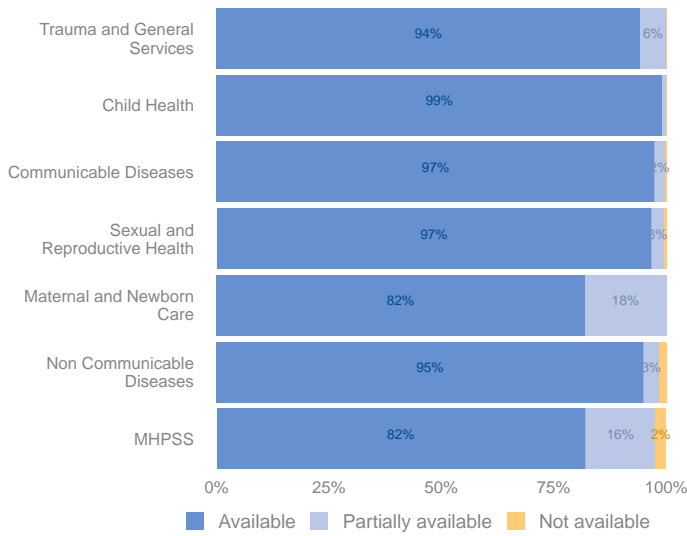


Kirovohradka

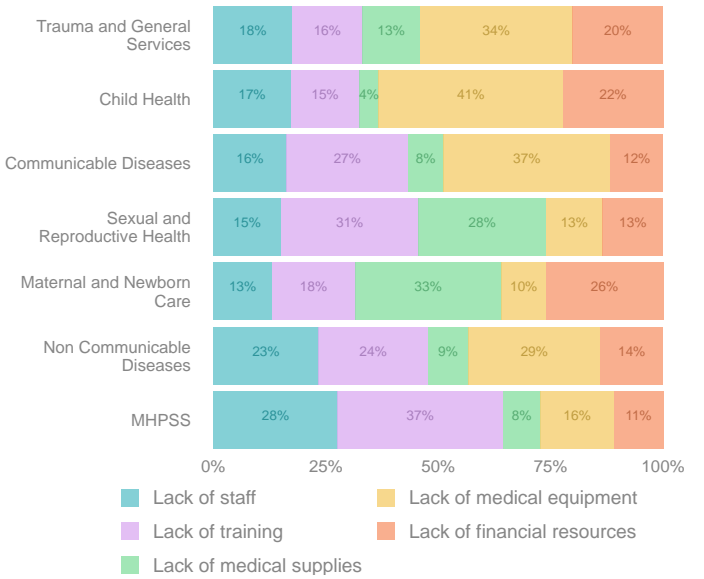
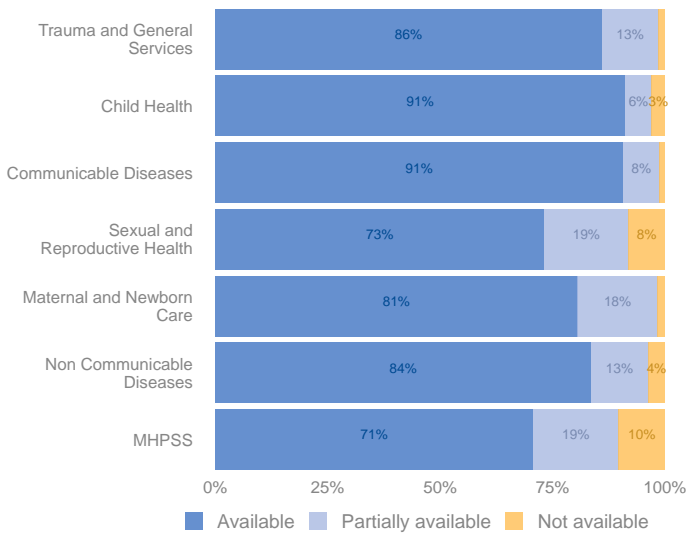


HEALTH SERVICE DOMAINS BY OBLAST

Kyiv City

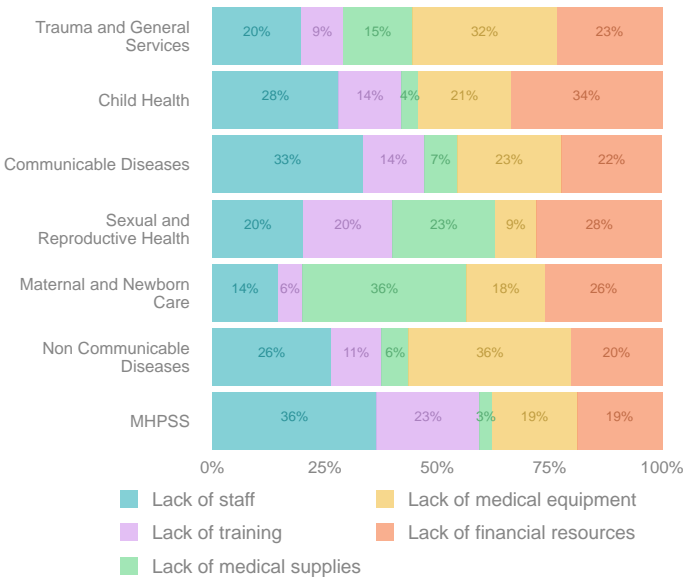
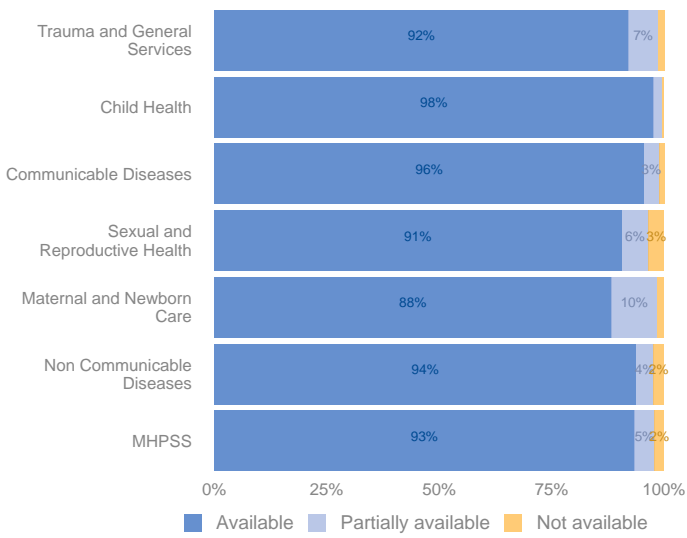


Kyivska

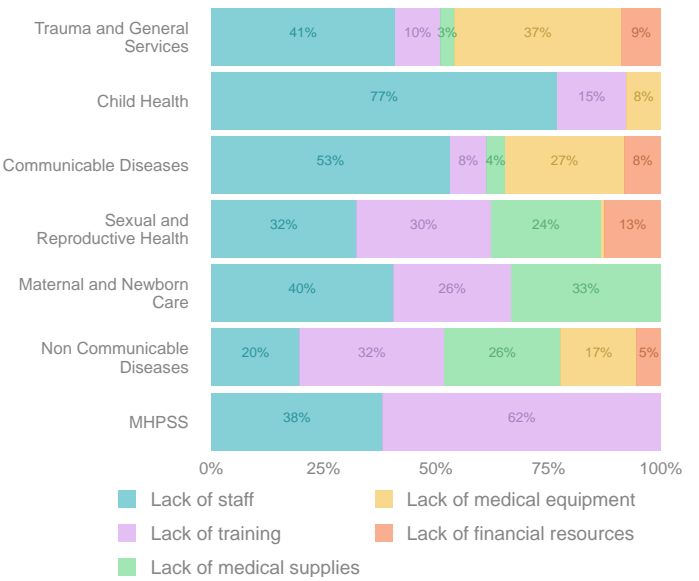
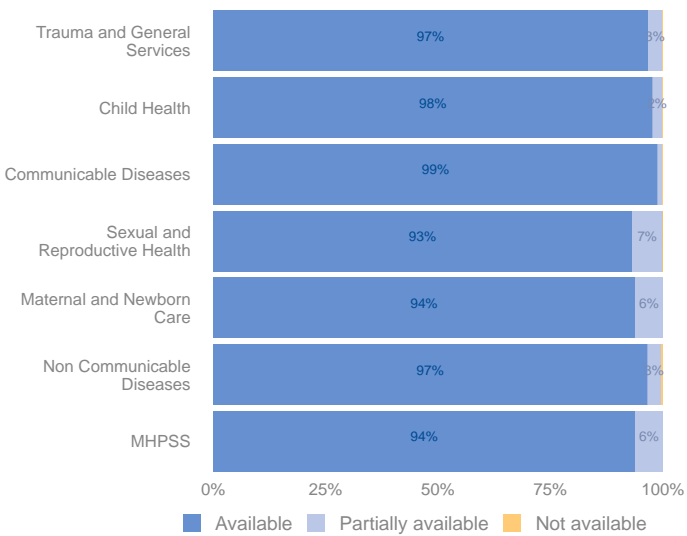


HEALTH SERVICE DOMAINS BY OBLAST

Lvivska

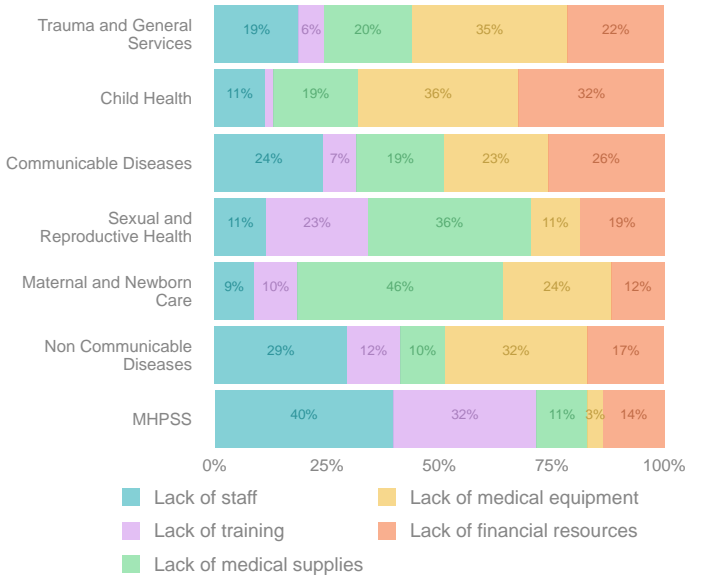
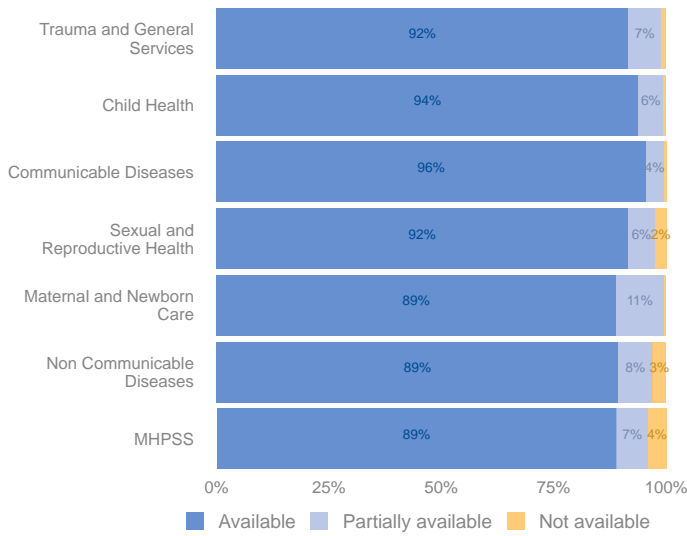


Mykolaivska

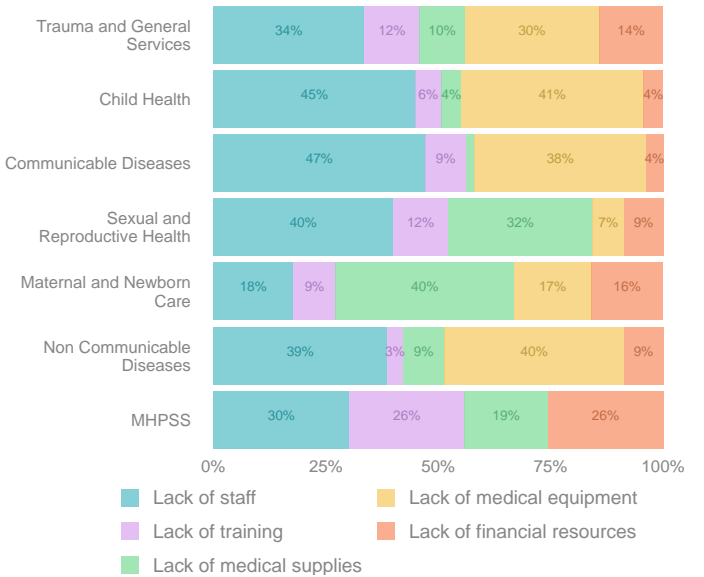
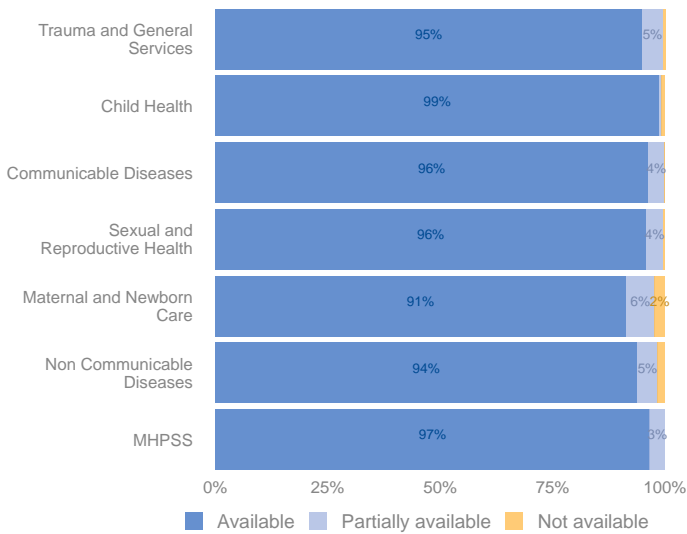


HEALTH SERVICE DOMAINS BY OBLAST

Odeska

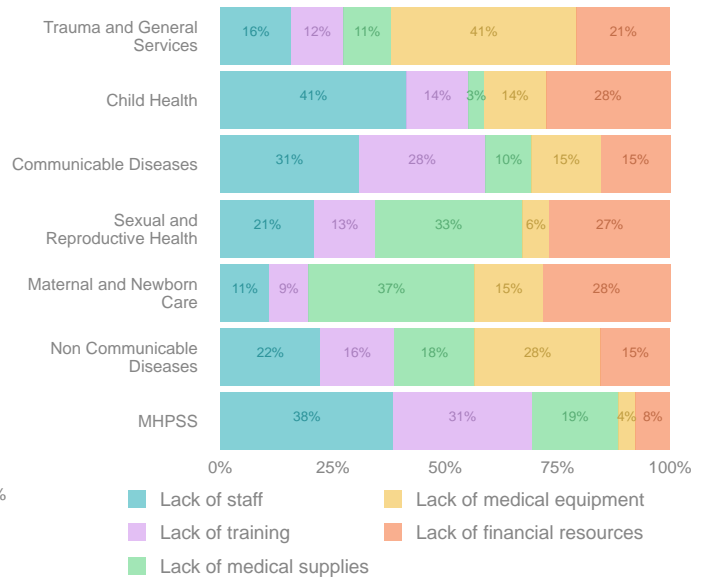
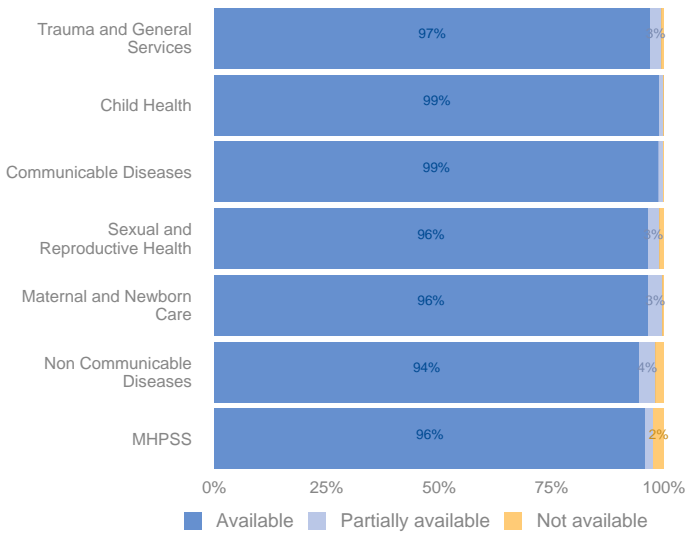


Poltavska

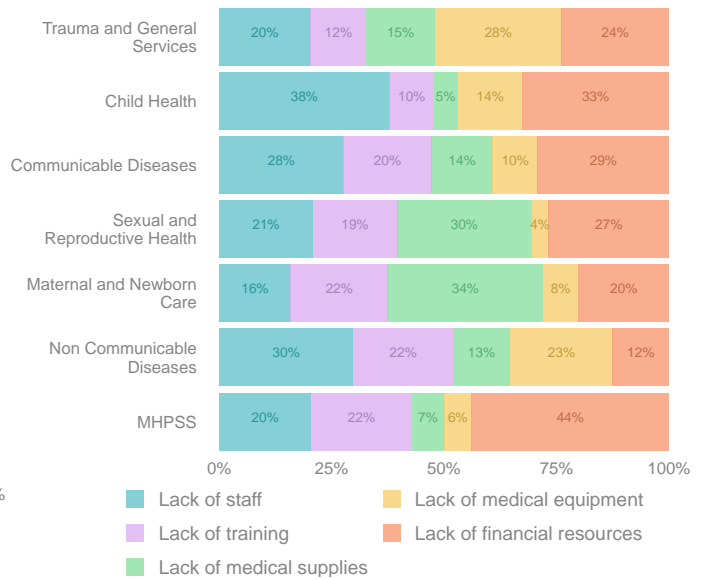
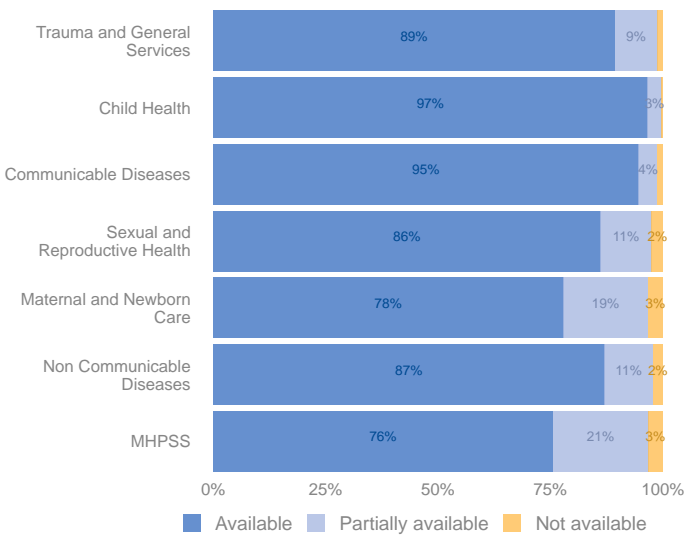


HEALTH SERVICE DOMAINS BY OBLAST

Rivnenska

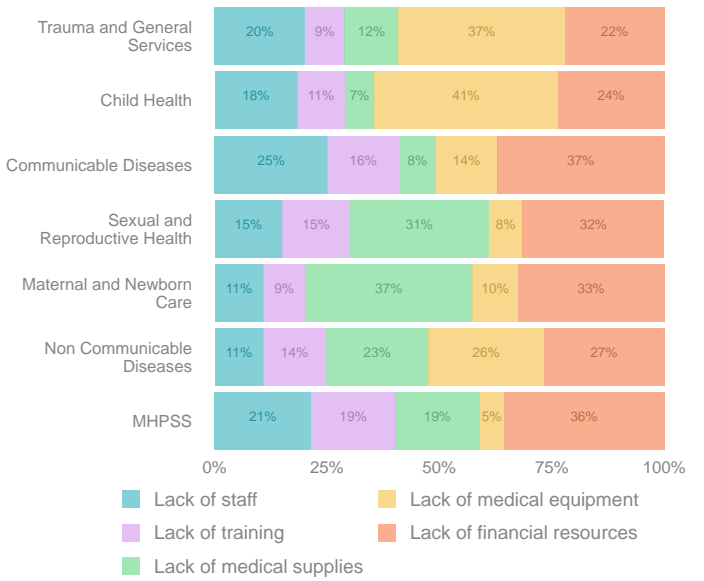
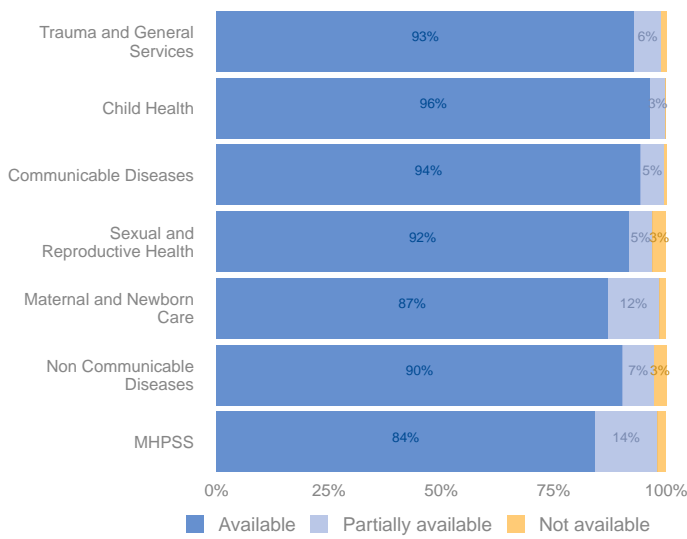


Sumska

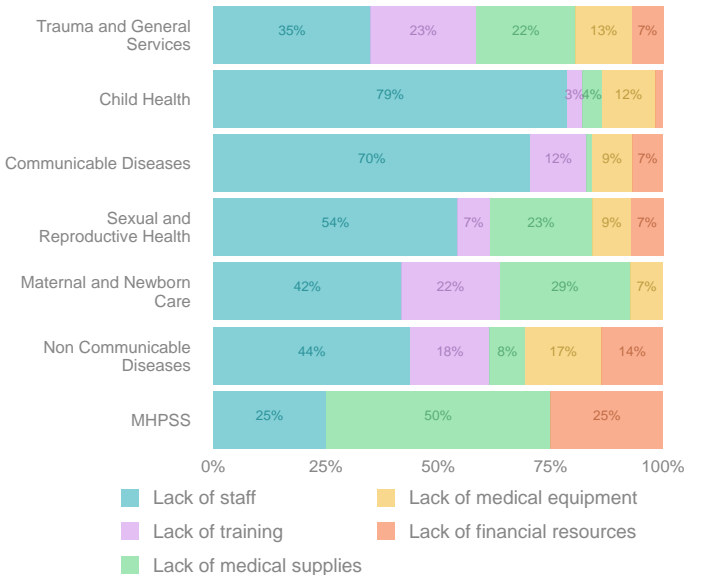
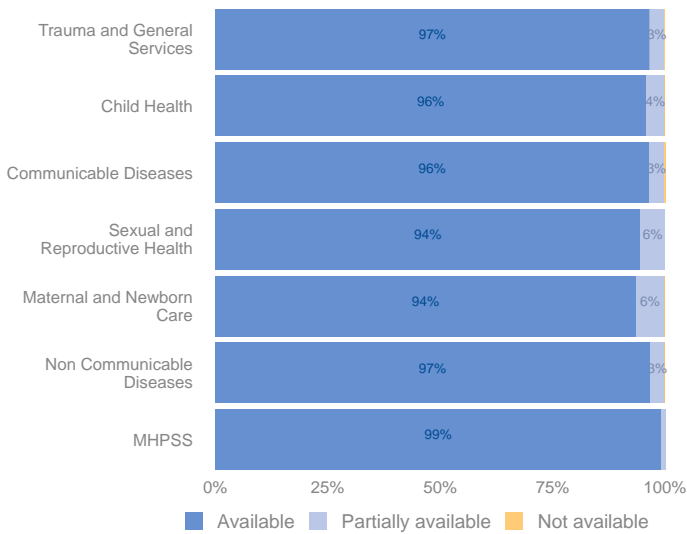


HEALTH SERVICE DOMAINS BY OBLAST

Ternopil'ska

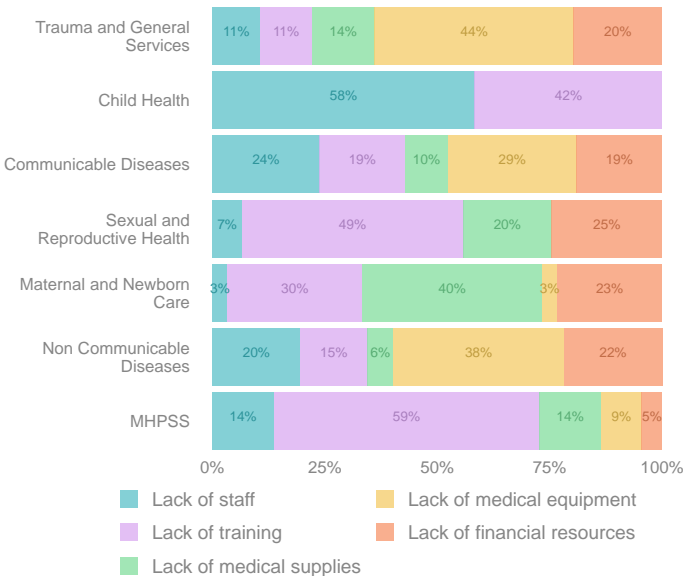
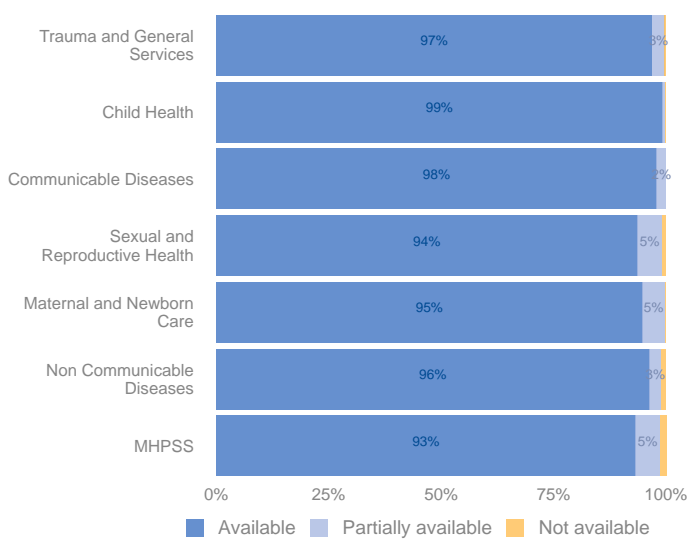


Vinnytska

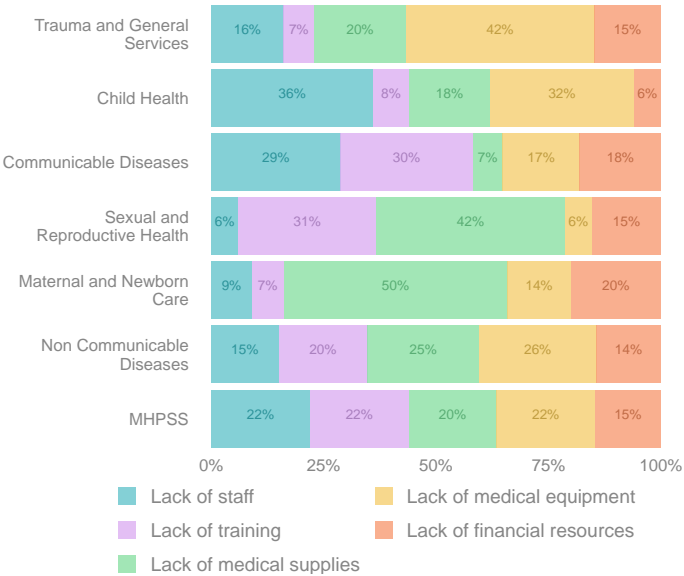
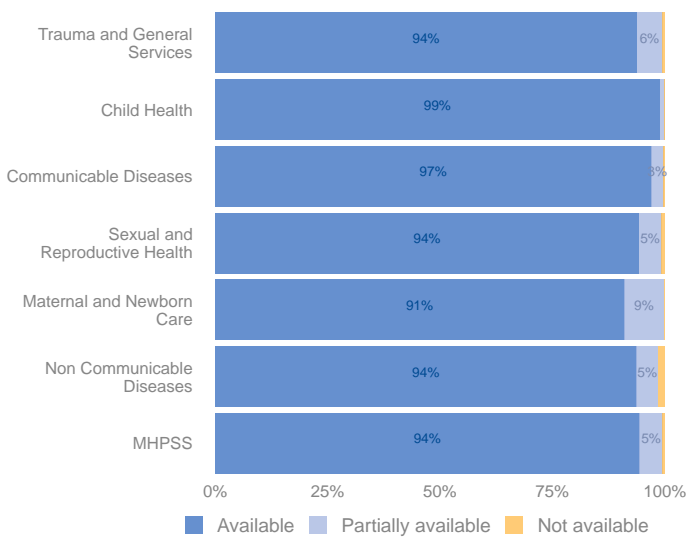


HEALTH SERVICE DOMAINS BY OBLAST

Volynska

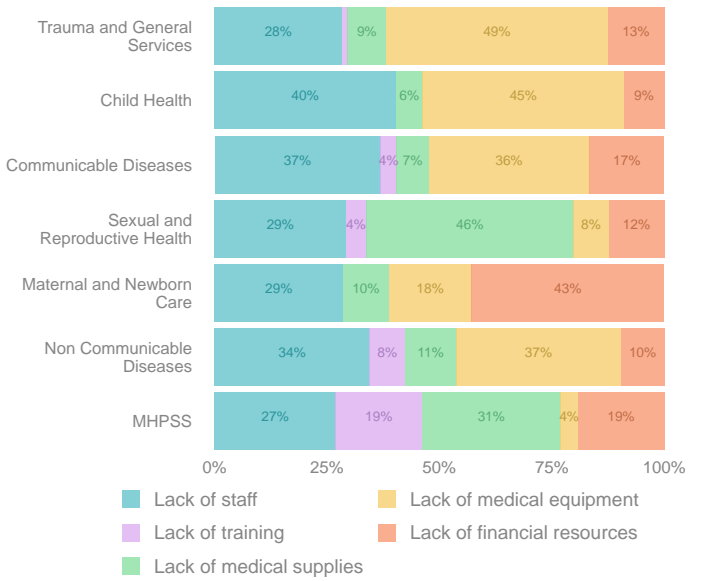
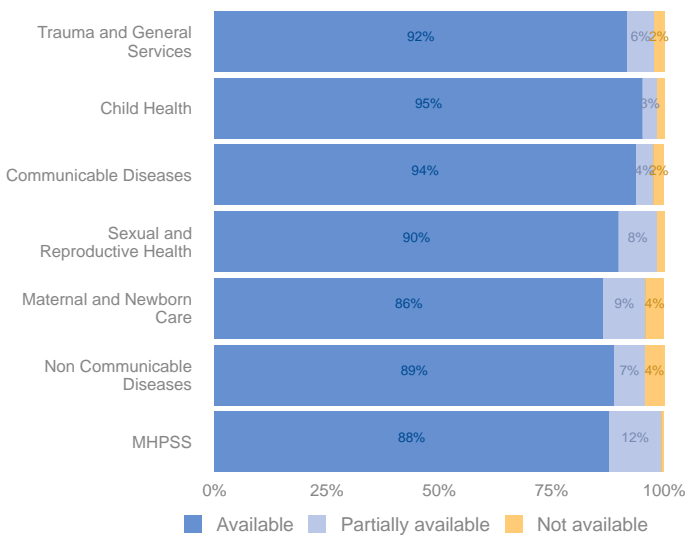


Zakarpatska

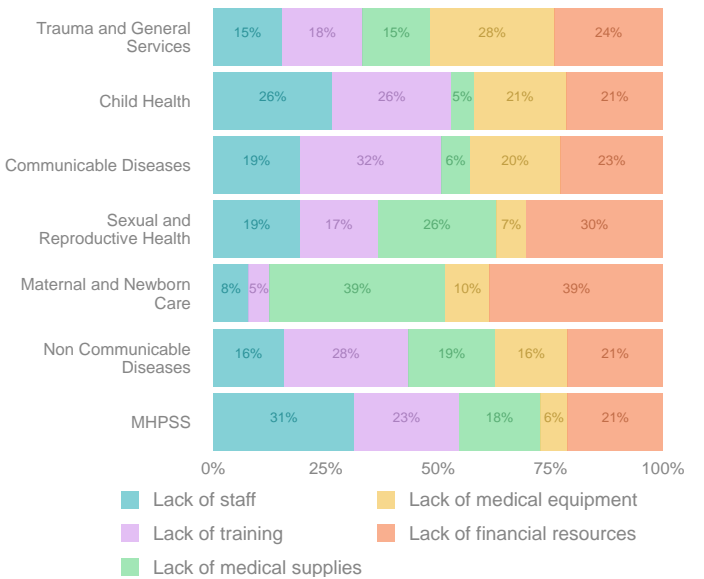
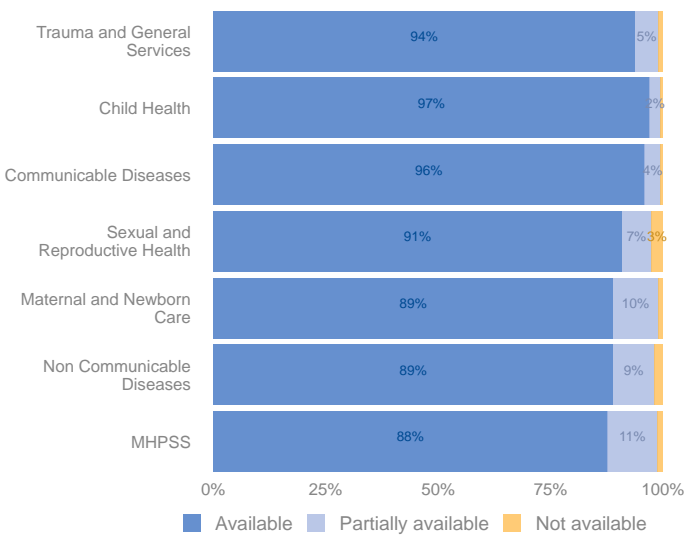


HEALTH SERVICE DOMAINS BY OBLAST

Zaporizka



Zhytomyrska



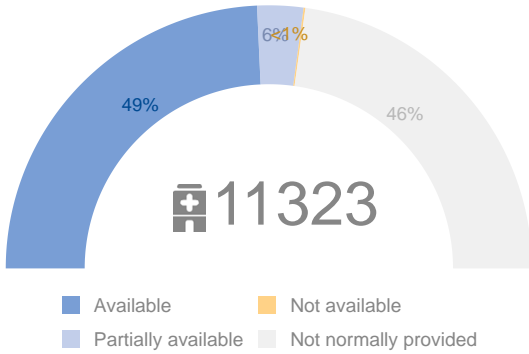


GENERAL CLINICAL AND EMERGENCY CARE SERVICES

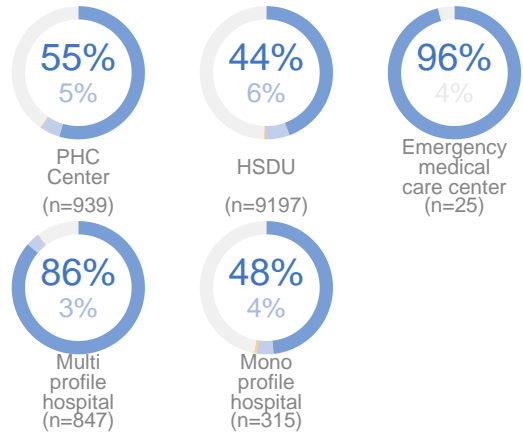


BASIC EMERGENCY CARE

Service availability

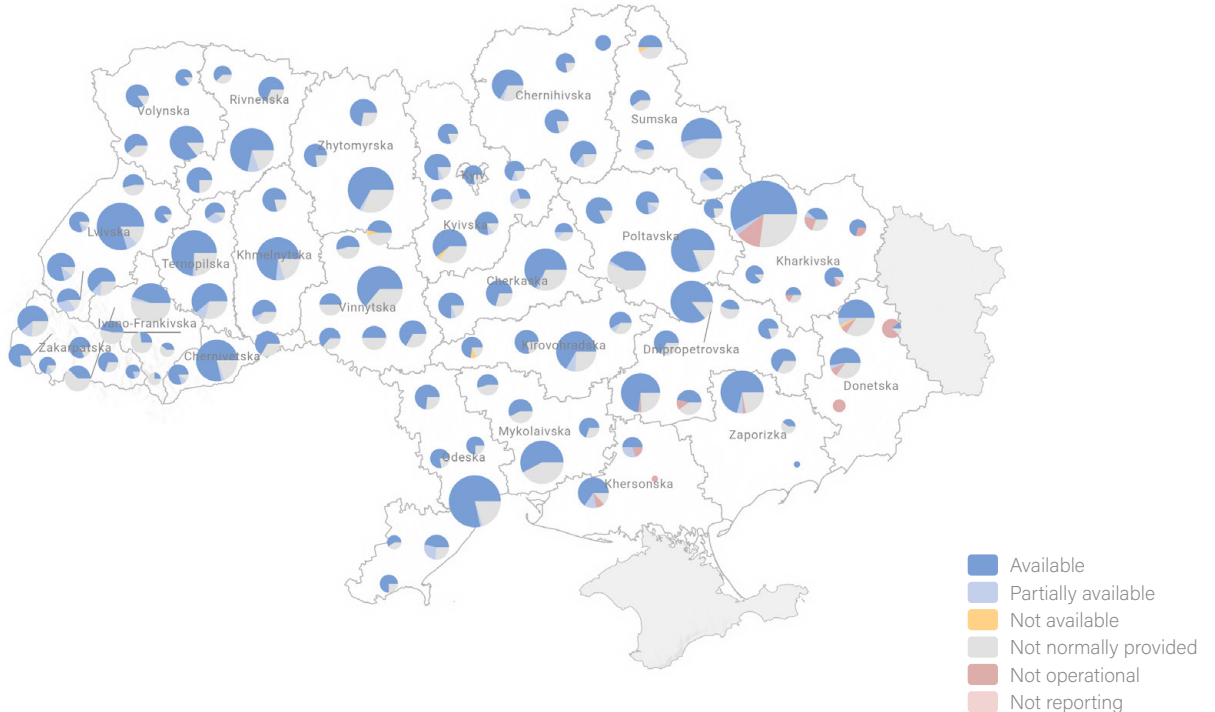


Service availability by health facility type



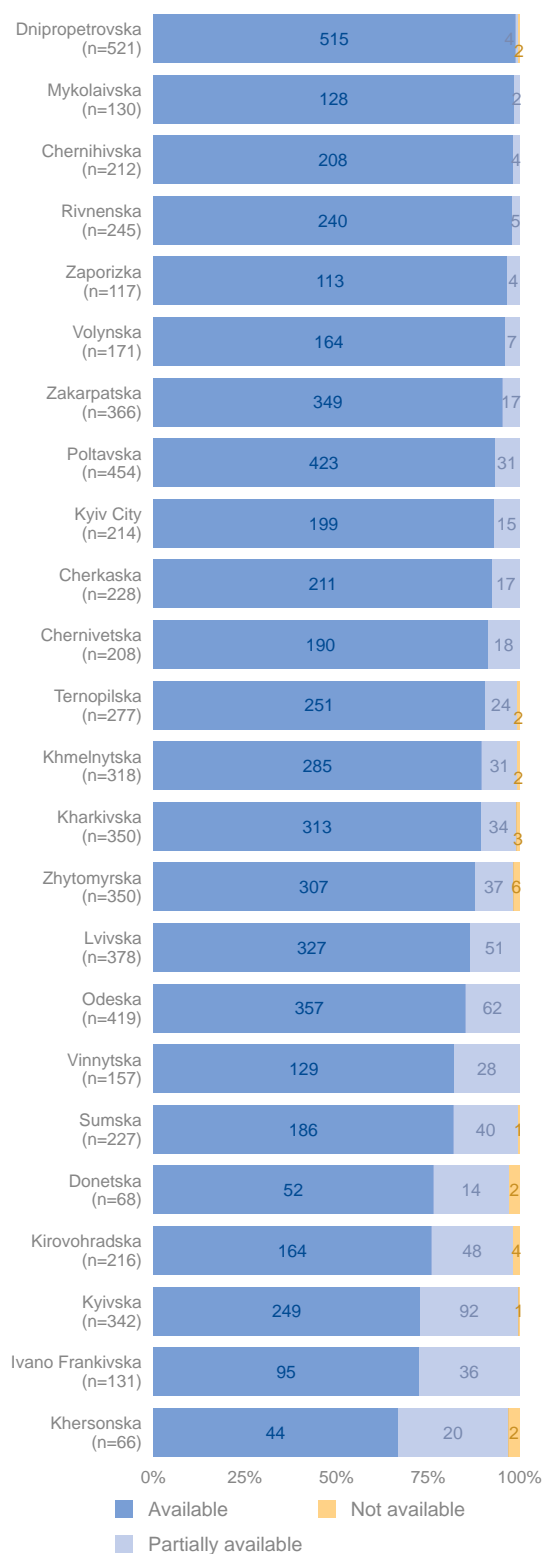
Main barriers impeding service delivery

(n = 666)

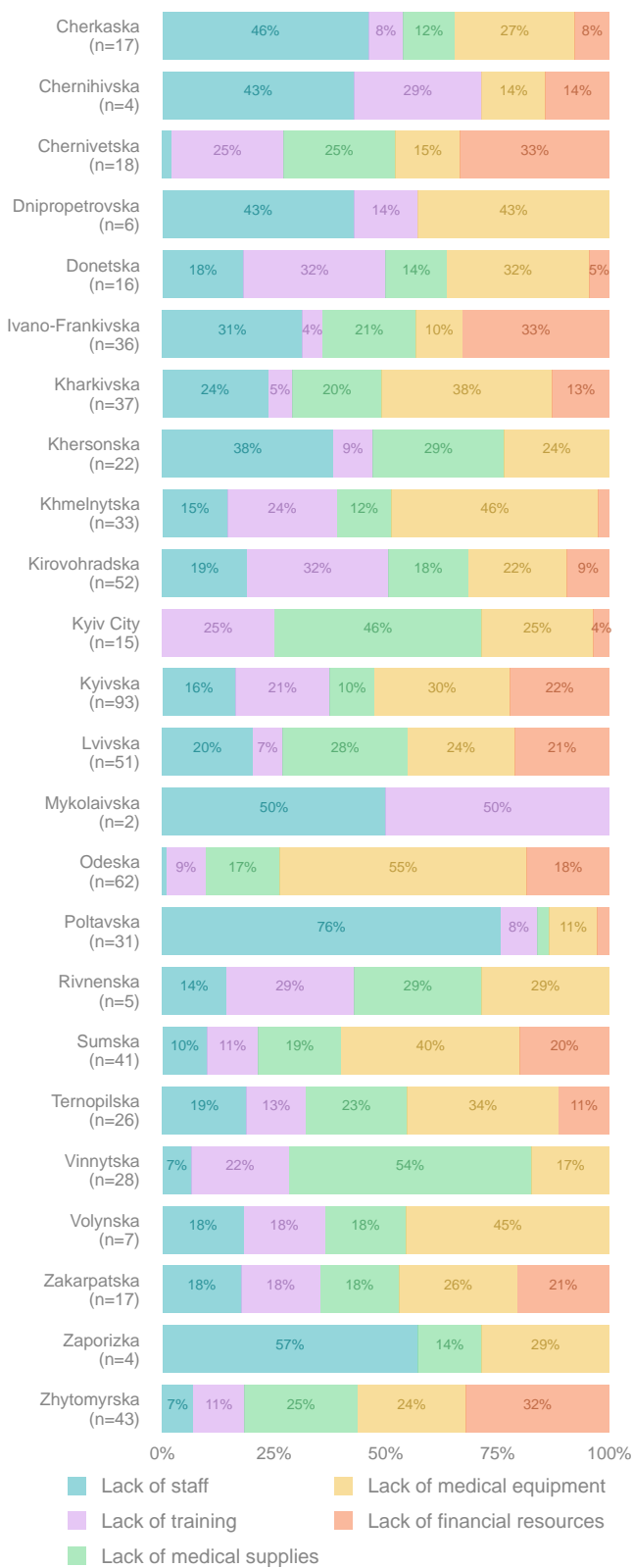


BASIC EMERGENCY CARE

Service availability by oblast*



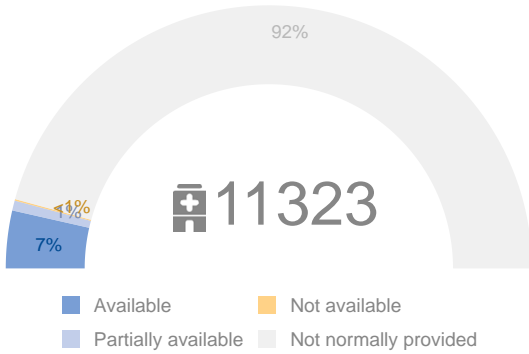
Main barriers impeding service delivery by oblast**



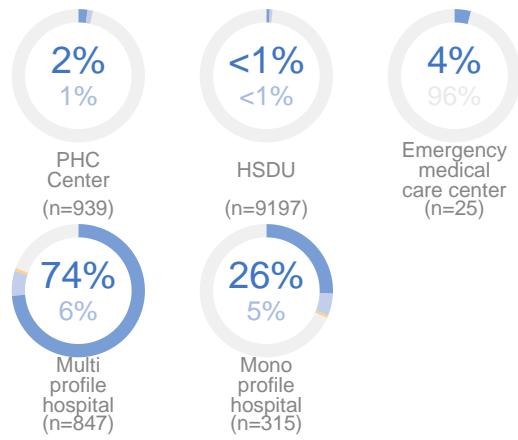
* Chart excludes health facilities where the service is not normally provided.
 ** Chart includes health facilities where the causes/barriers were indicated.

ADVANCED SYNDROME-BASED MANAGEMENT

Service availability

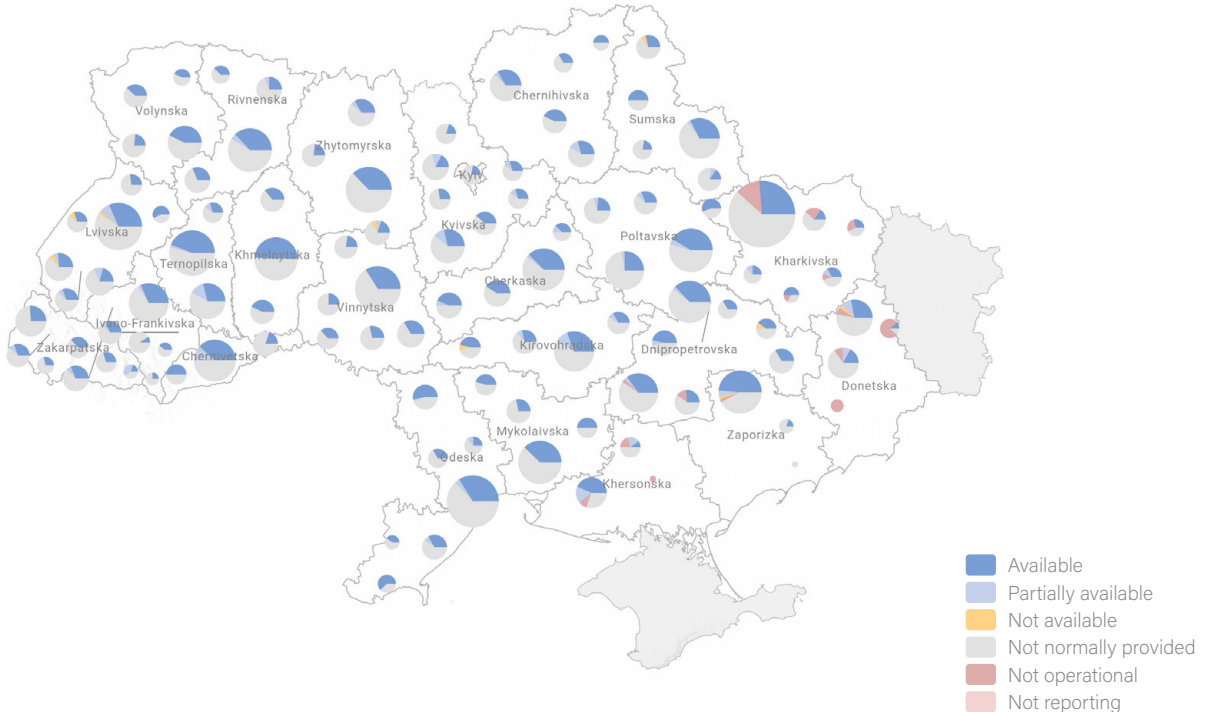


Service availability by health facility type



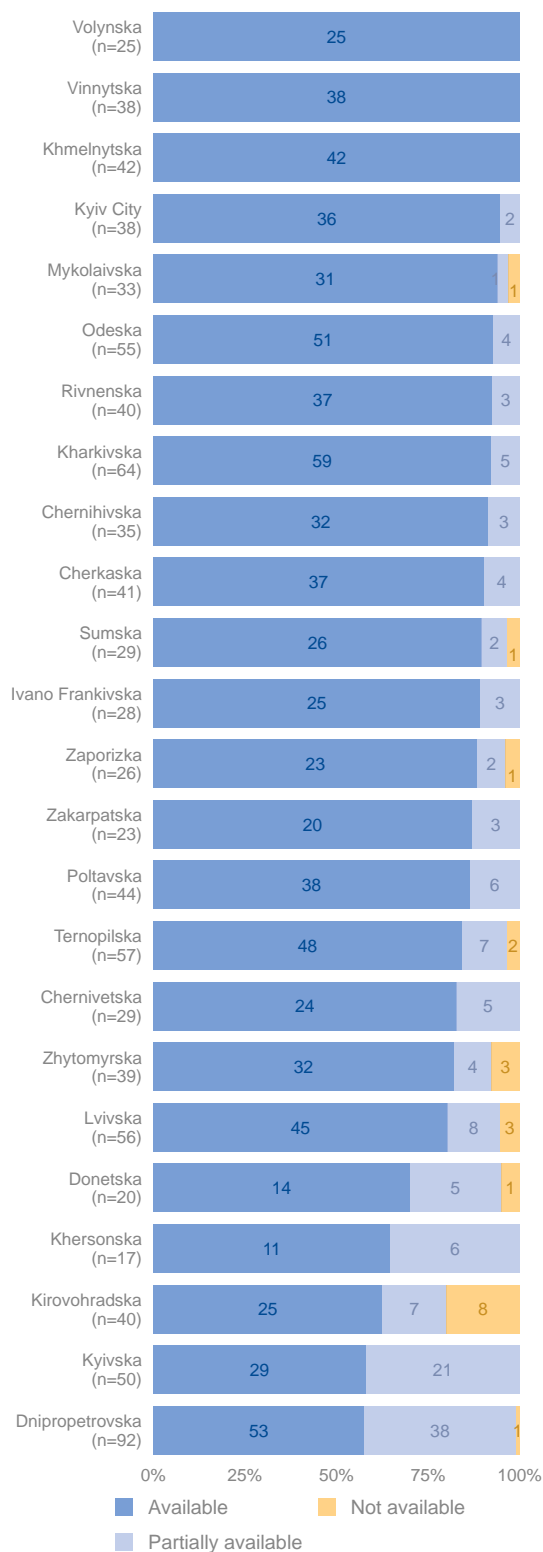
Main barriers impeding service delivery

(n = 160)

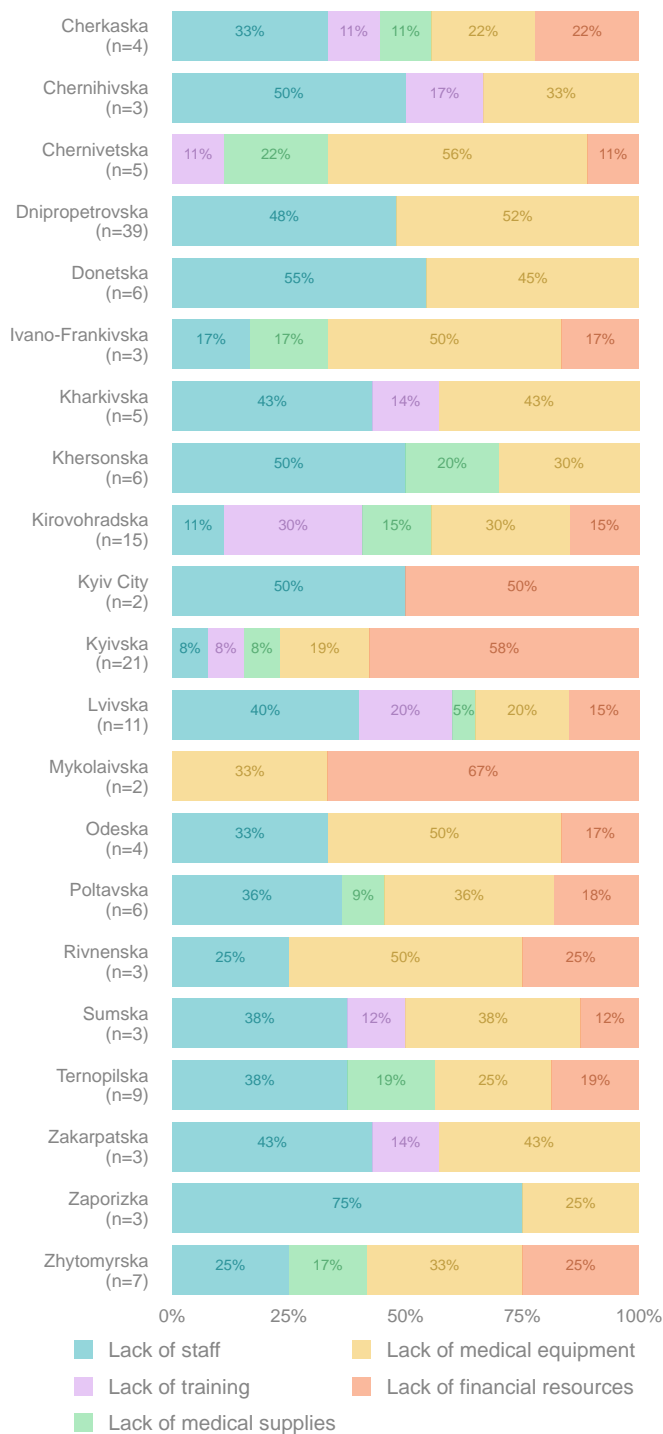


ADVANCED SYNDROME-BASED MANAGEMENT

Service availability by oblast*



Main barriers impeding service delivery by oblast**

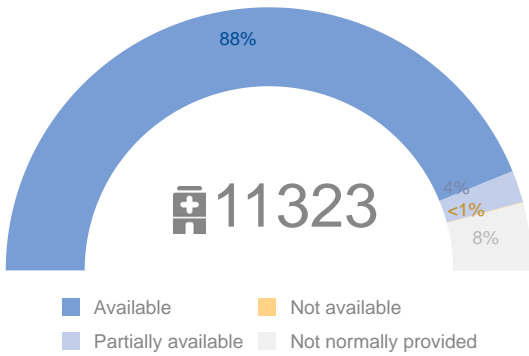


* Chart excludes health facilities where the service is not normally provided.

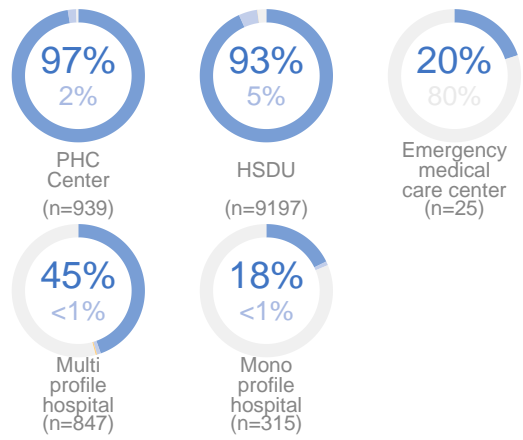
** Chart includes health facilities where the causes/barriers were indicated.

OUTPATIENT SERVICES FOR PRIMARY CARE

Service availability

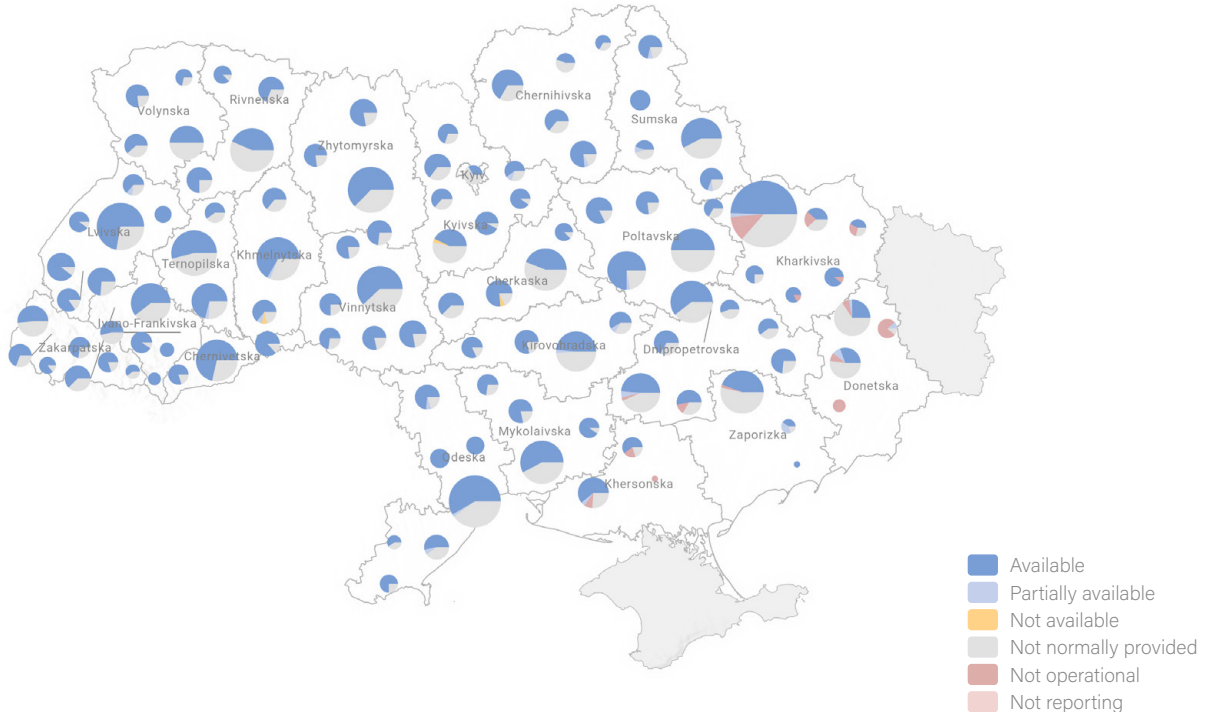


Service availability by health facility type



Main barriers impeding service delivery

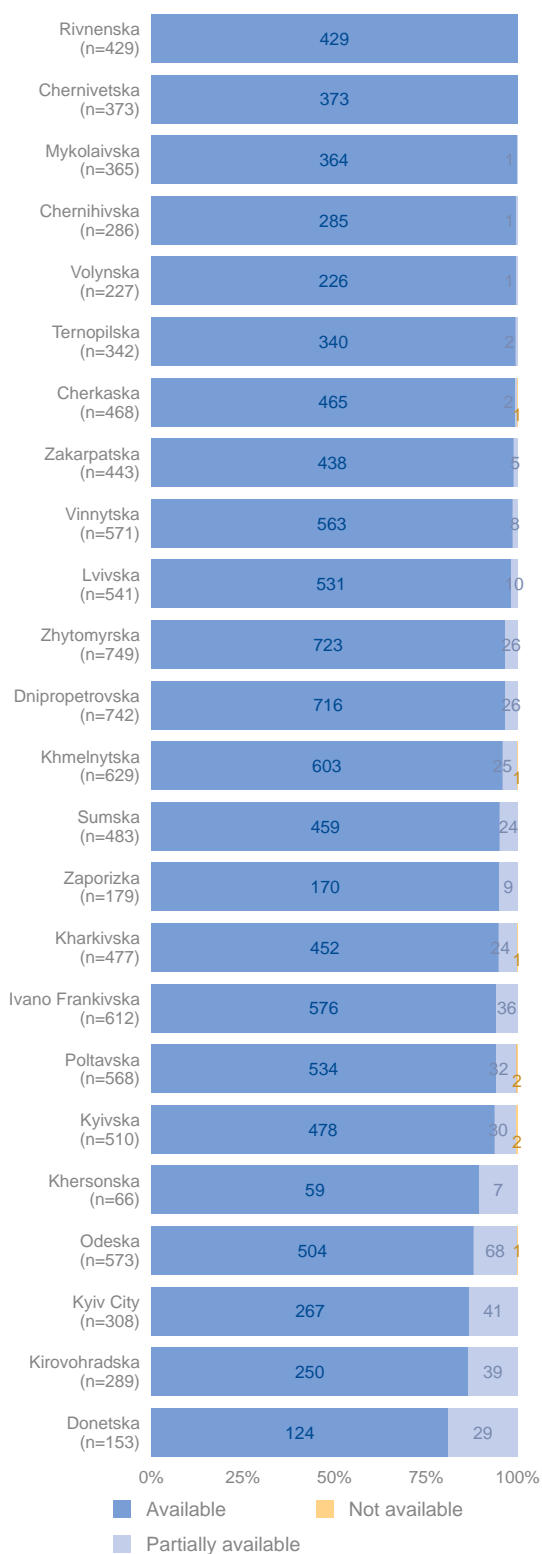
(n = 454)



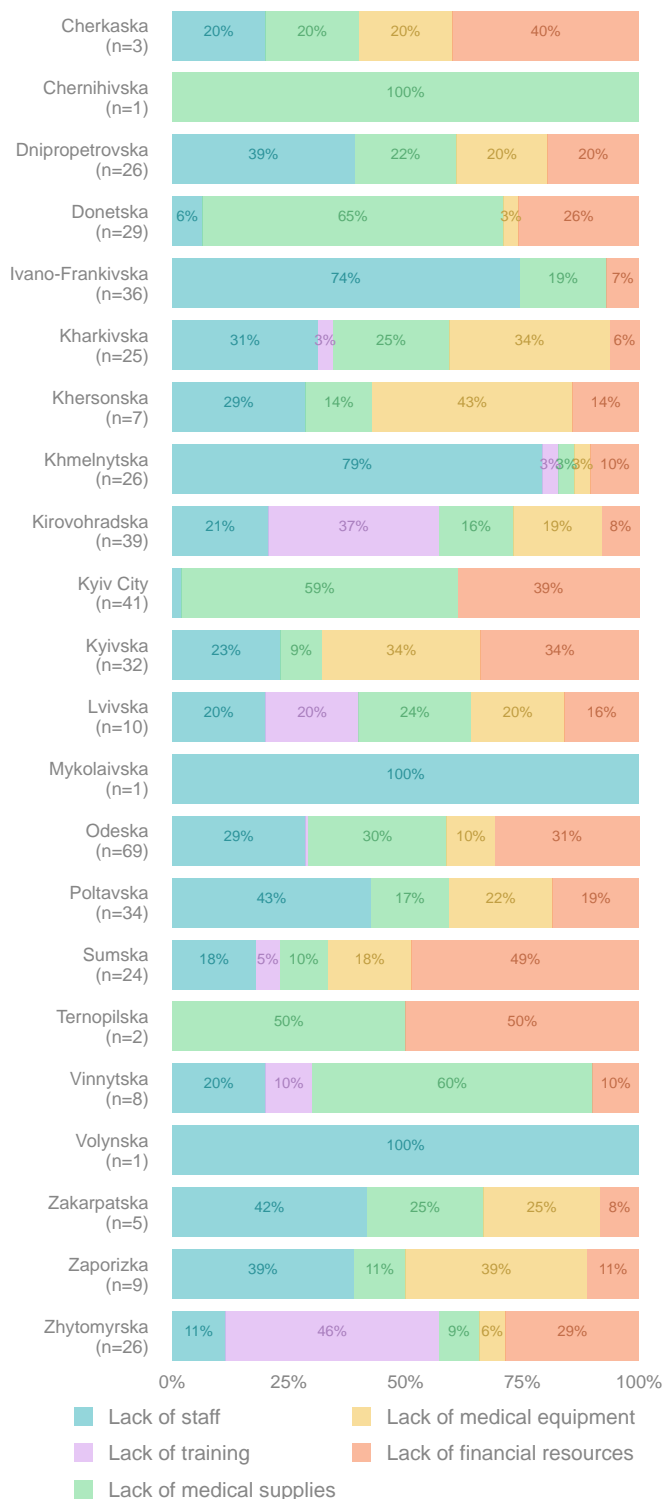
Map excludes HSDUs

OUTPATIENT SERVICES FOR PRIMARY CARE

Service availability by oblast*



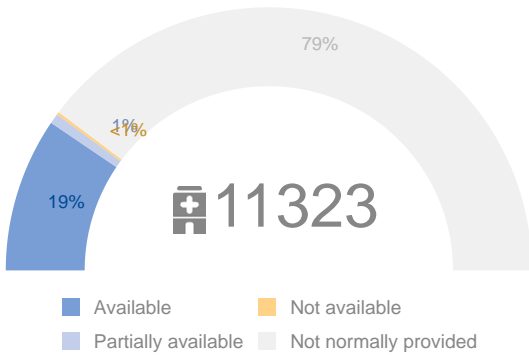
Main barriers impeding service delivery by oblast**



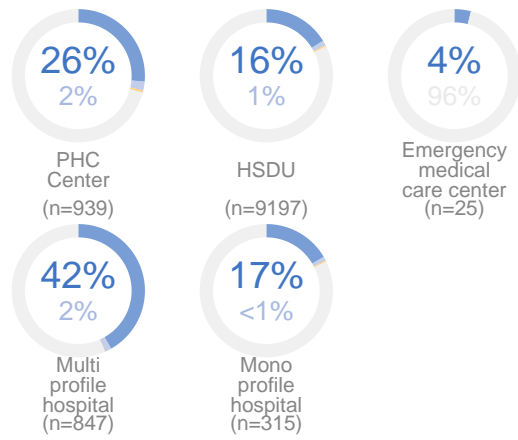
* Chart excludes health facilities where the service is not normally provided.
 ** Chart includes health facilities where the causes/barriers were indicated.

OUTPATIENT DEPARTMENT FOR SPECIALIZED CARE

Service availability

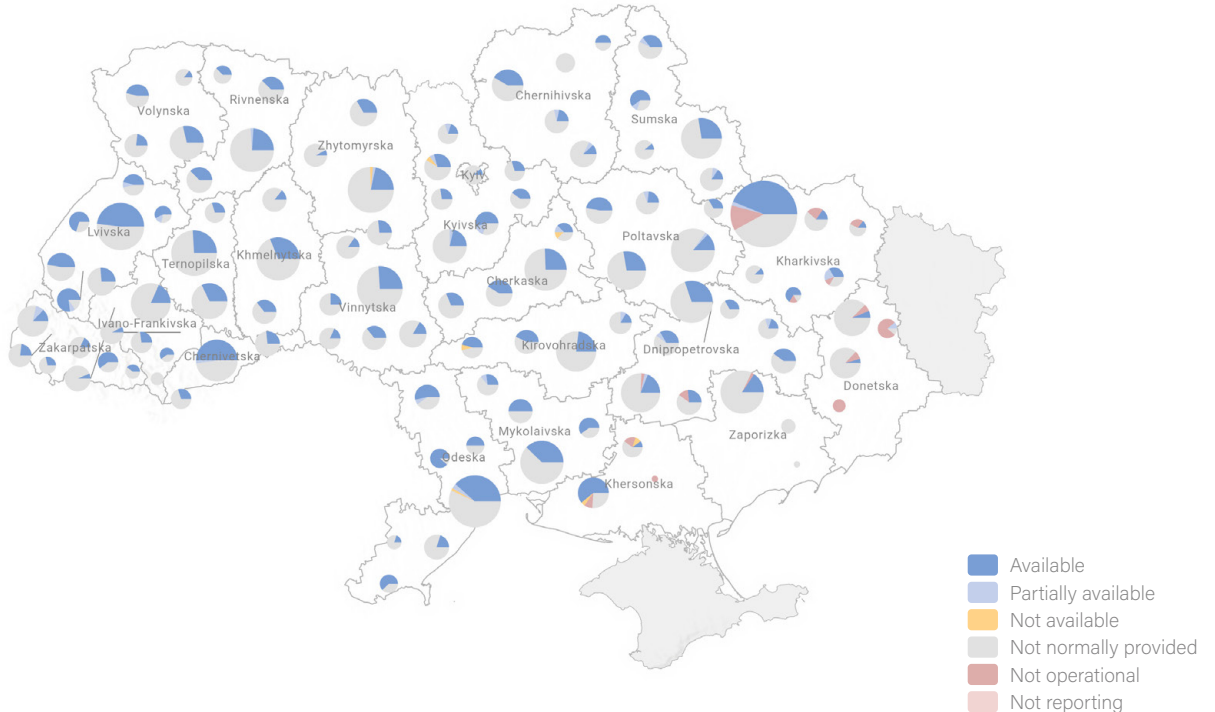


Service availability by health facility type



Main barriers impeding service delivery

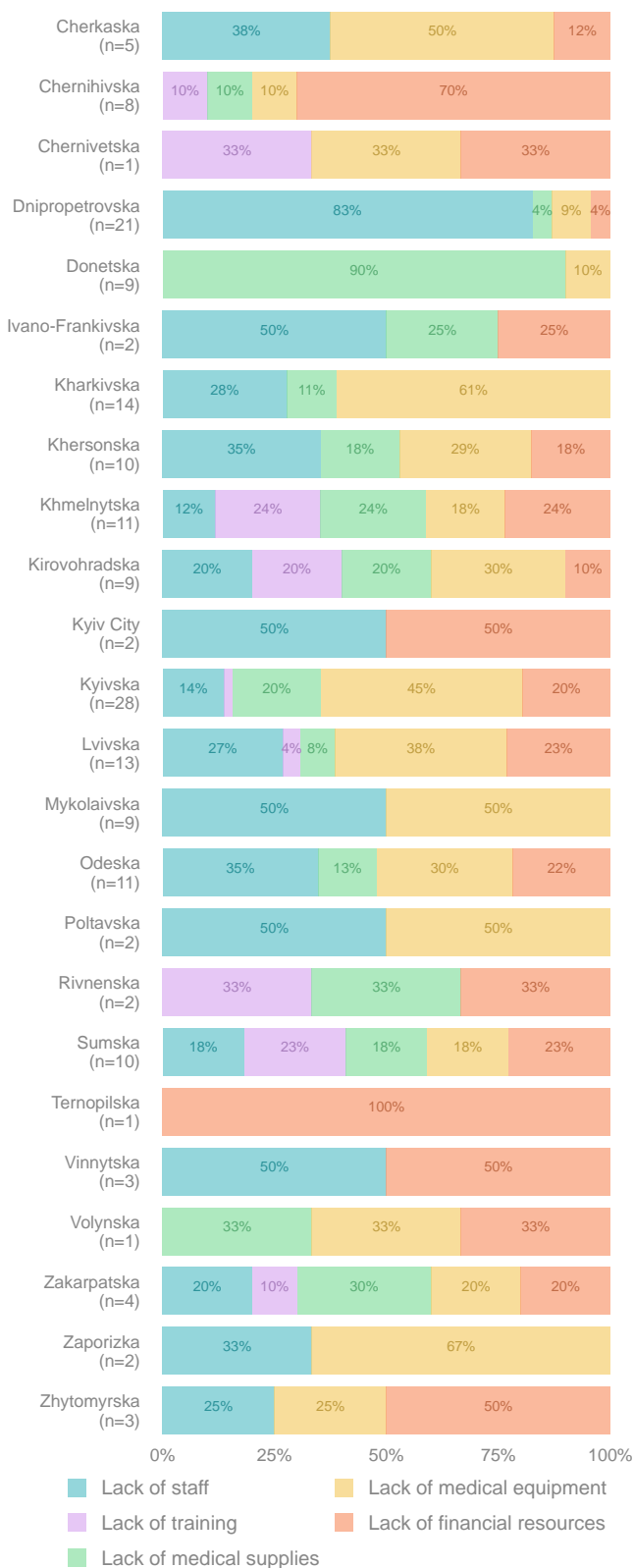
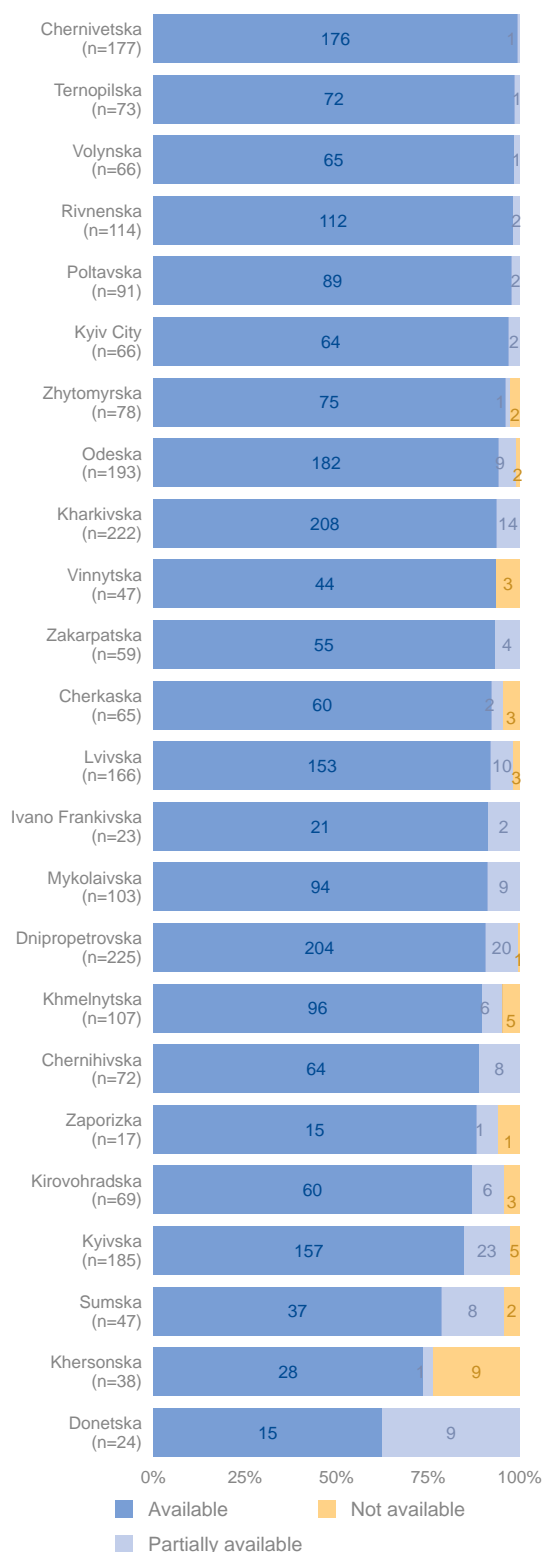
(n = 181)



OUTPATIENT DEPARTMENT FOR SPECIALIZED CARE

Service availability by oblast*

Main barriers impeding service delivery by oblast**

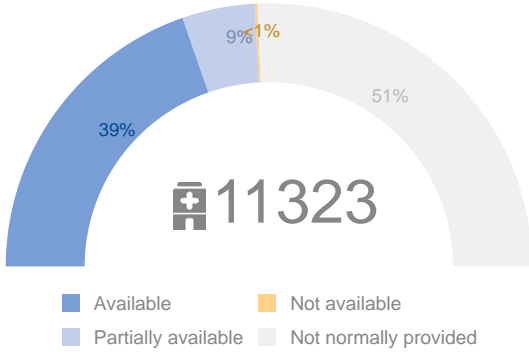


* Chart excludes health facilities where the service is not normally provided.

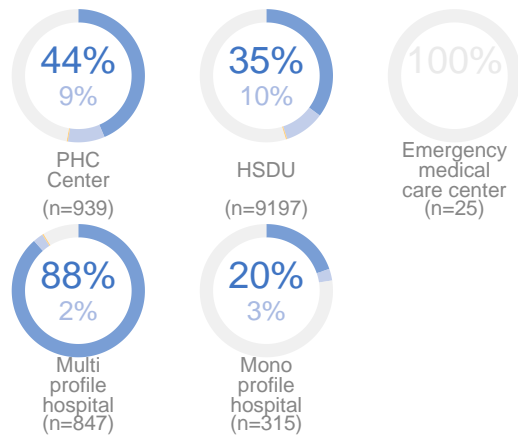
** Chart includes health facilities where the causes/barriers were indicated.

MINOR TRAUMA DEFINITIVE MANAGEMENT

Service availability

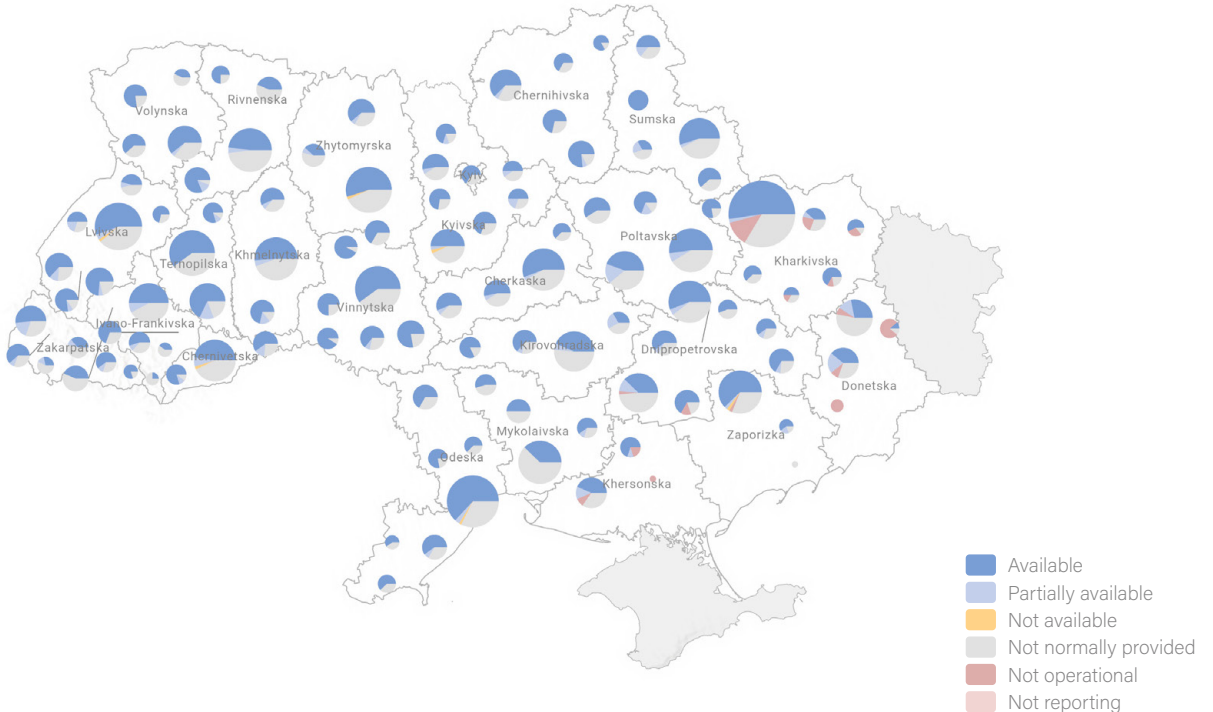
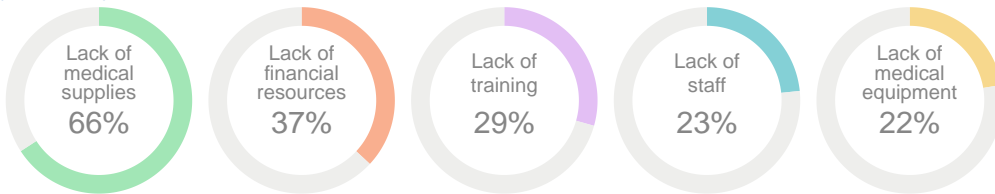


Service availability by health facility type



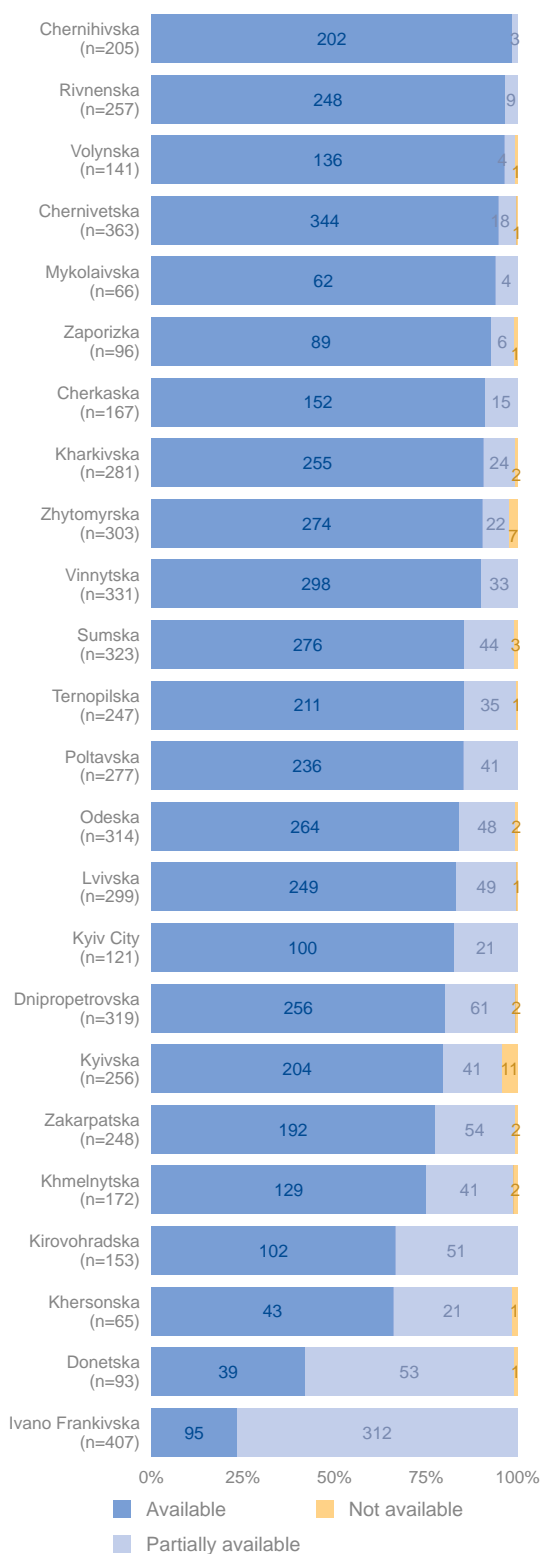
Main barriers impeding service delivery

(n = 1048)

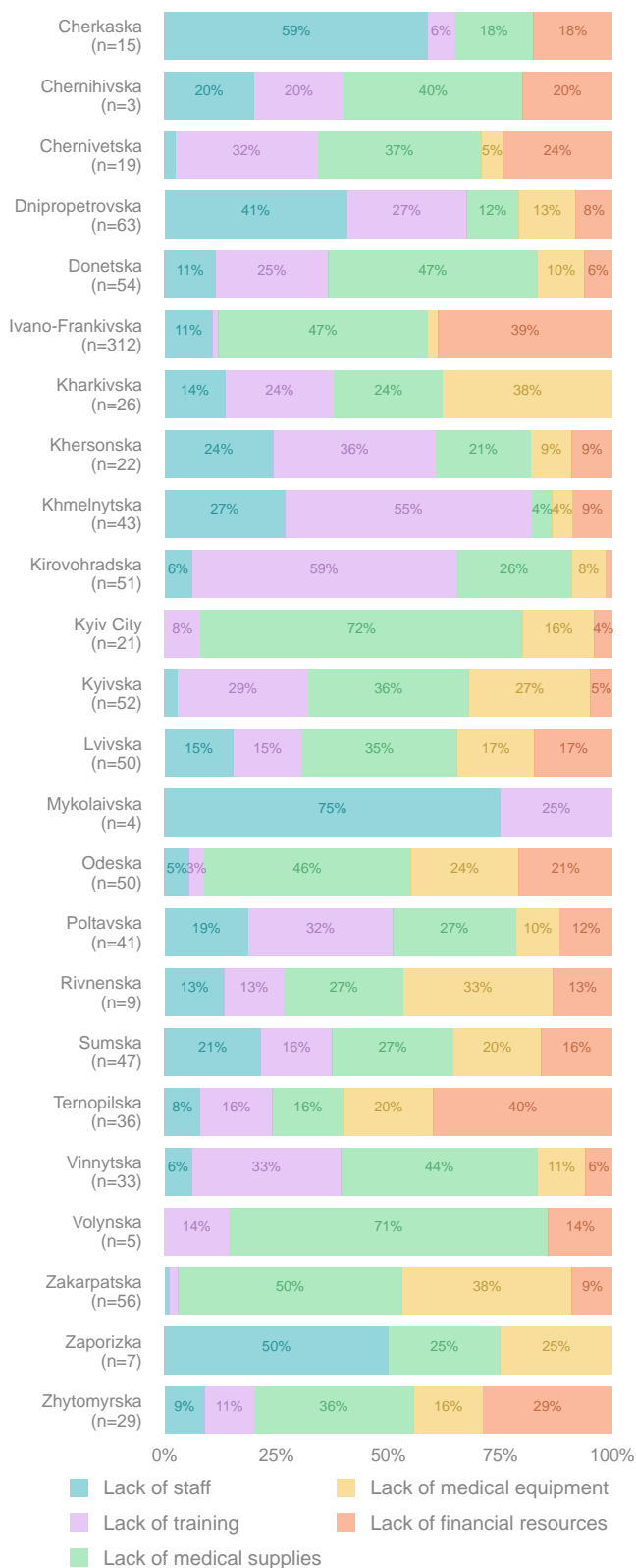


MINOR TRAUMA DEFINITIVE MANAGEMENT

Service availability by oblast*



Main barriers impeding service delivery by oblast**

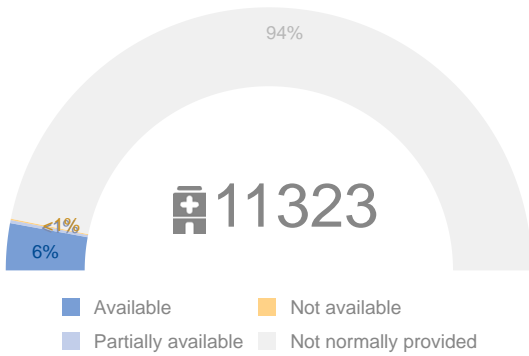


* Chart excludes health facilities where the service is not normally provided.

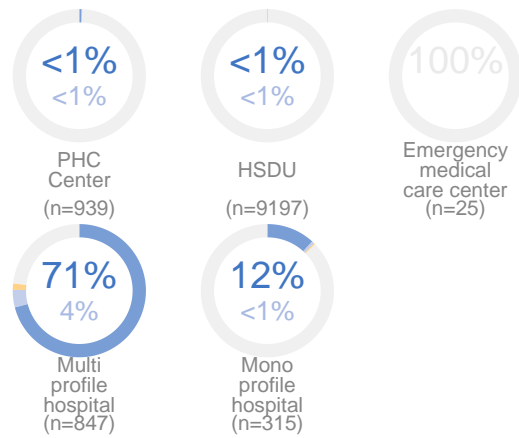
** Chart includes health facilities where the causes/barriers were indicated.

EMERGENCY AND ELECTIVE SURGERY

Service availability

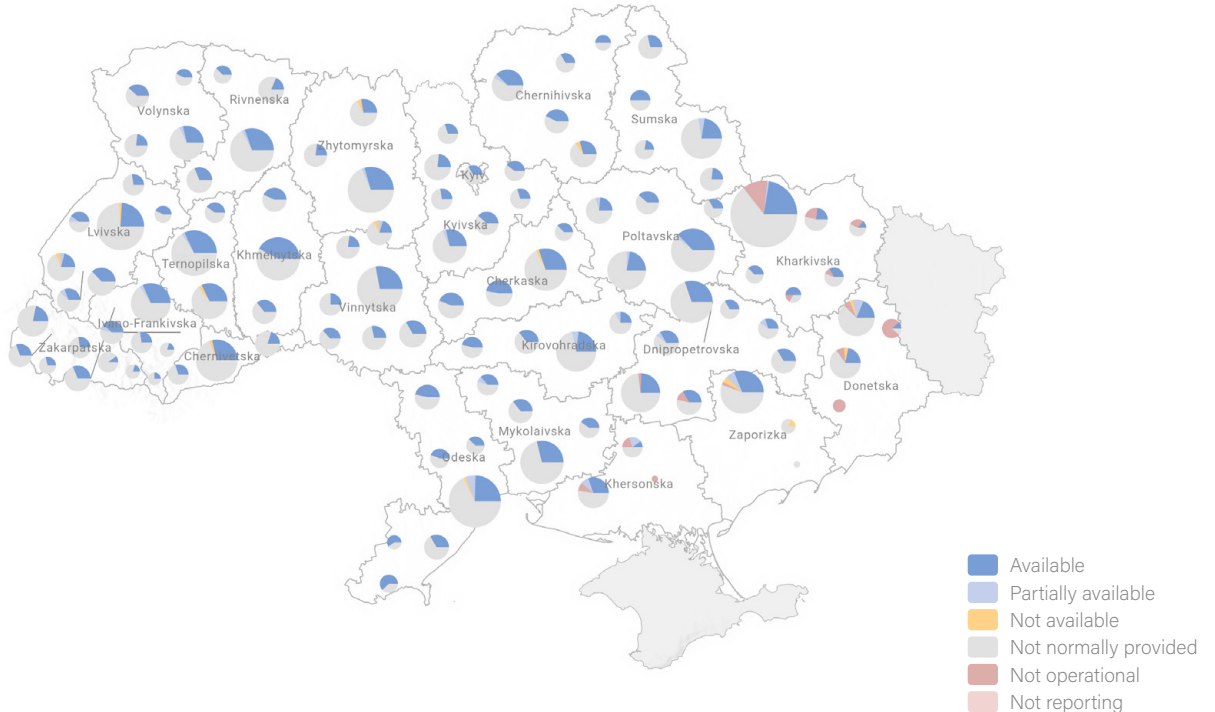
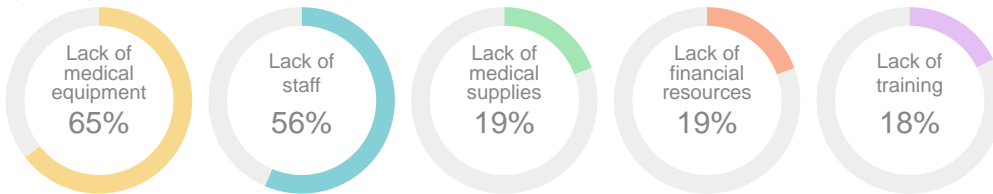


Service availability by health facility type



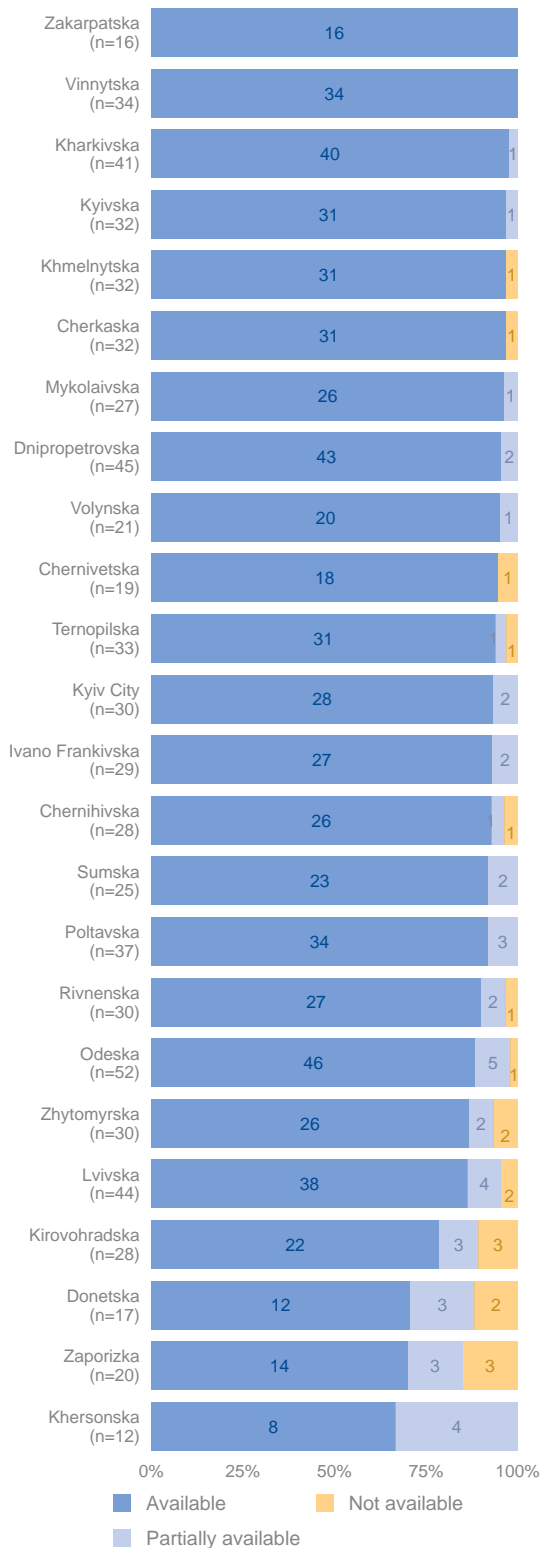
Main barriers impeding service delivery

(n = 62)

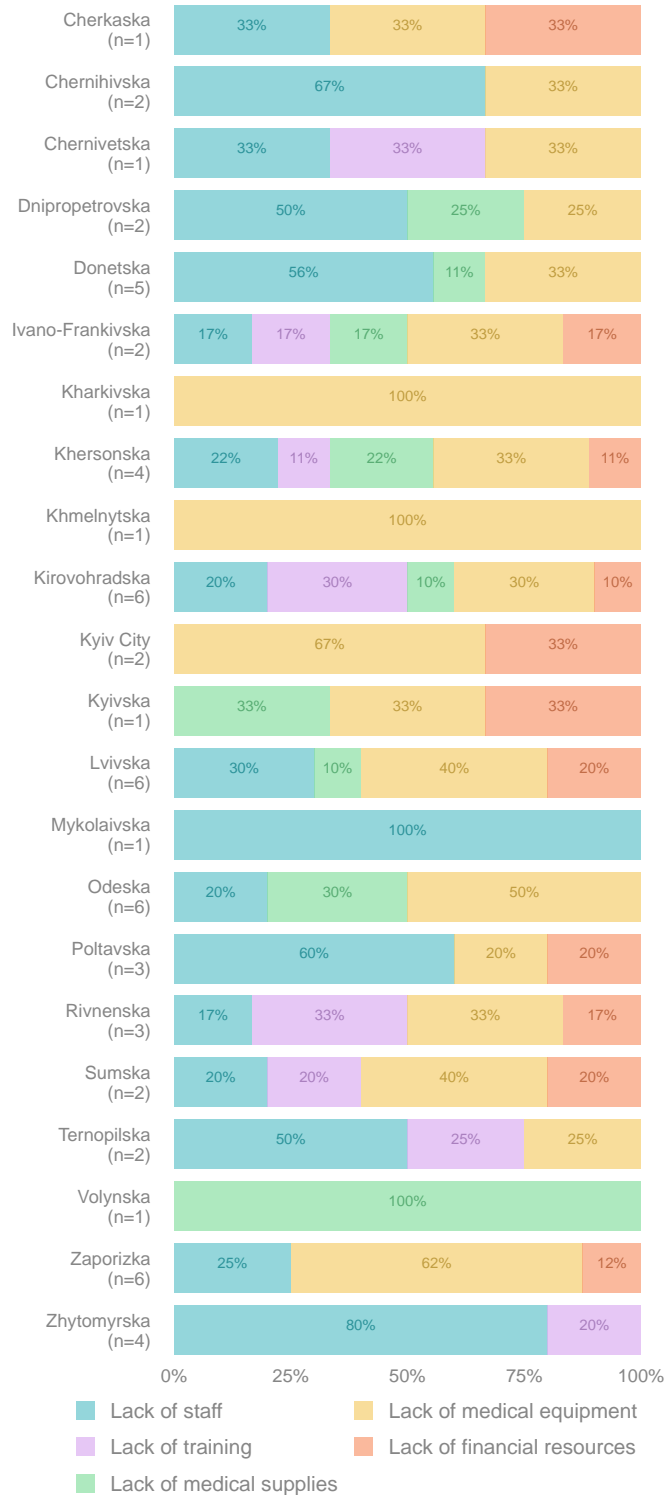


EMERGENCY AND ELECTIVE SURGERY

Service availability by oblast*



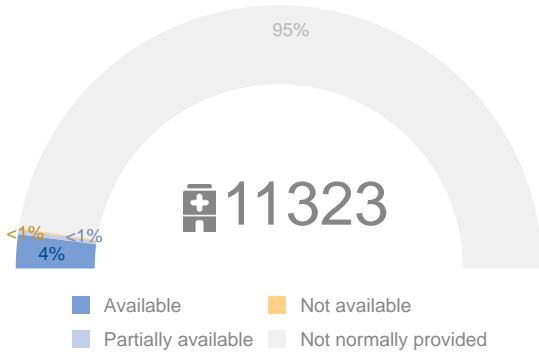
Main barriers impeding service delivery by oblast**



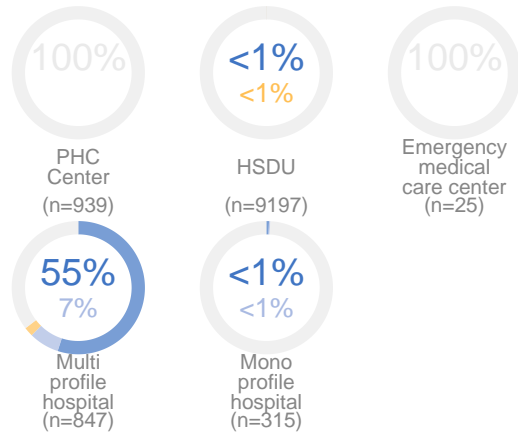
* Chart excludes health facilities where the service is not normally provided.
 ** Chart includes health facilities where the causes/barriers were indicated.

ORTHOPEDIC/TRAUMA WARD

Service availability

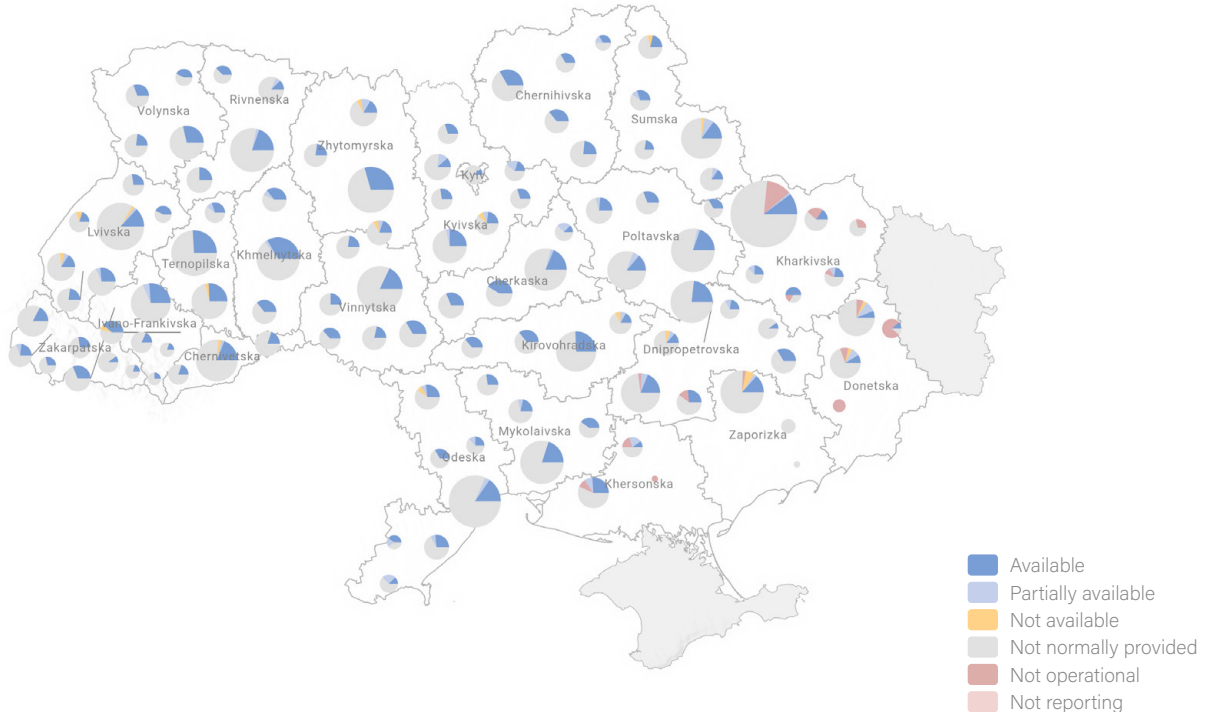
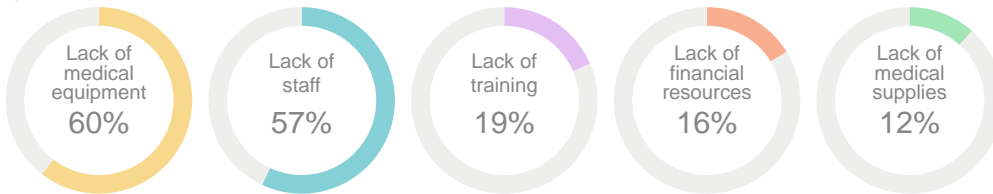


Service availability by health facility type



Main barriers impeding service delivery

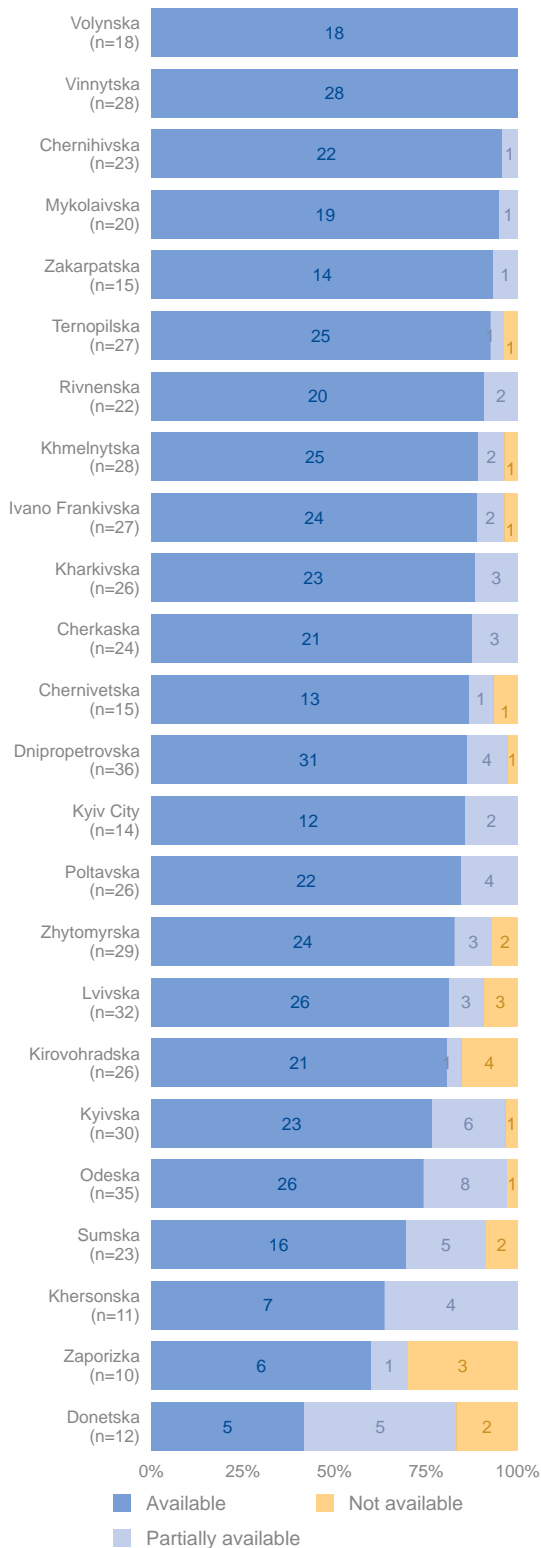
(n = 86)



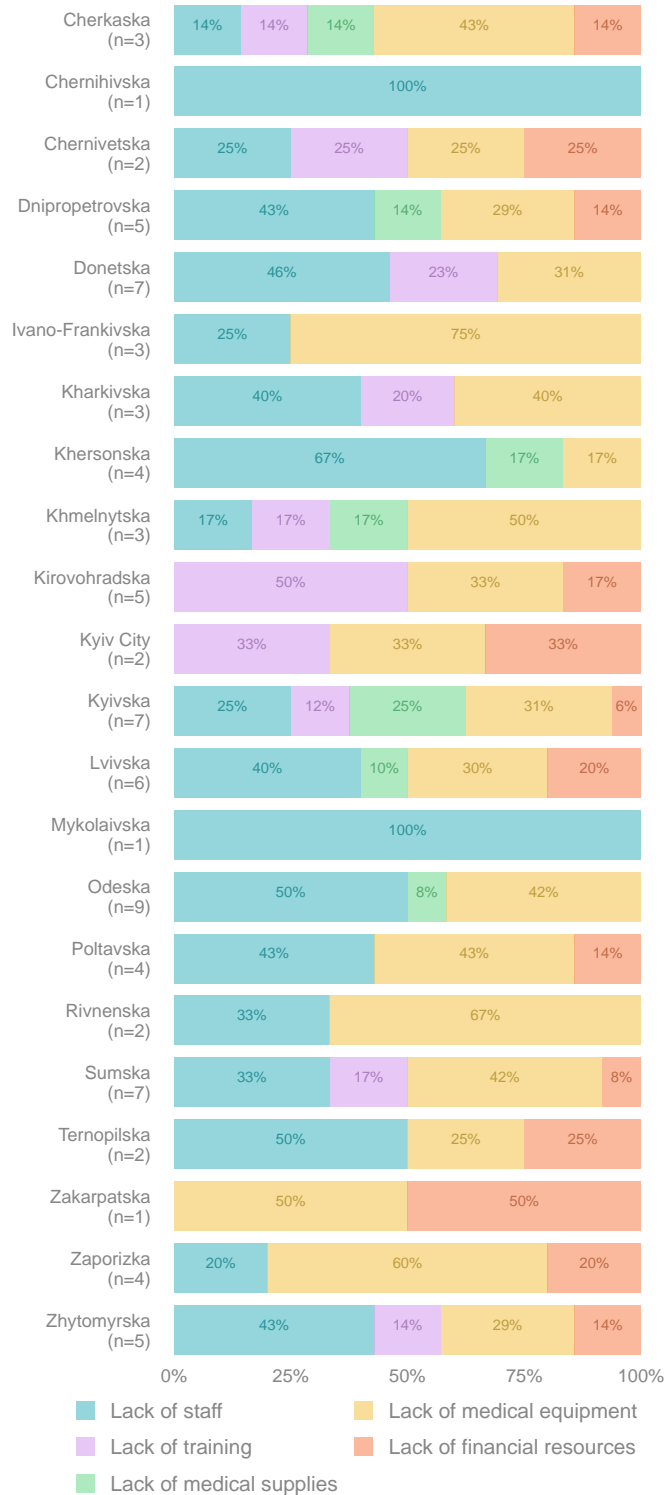
Map excludes HSDUs

ORTHOPEDIC/TRAUMA WARD

Service availability by oblast*



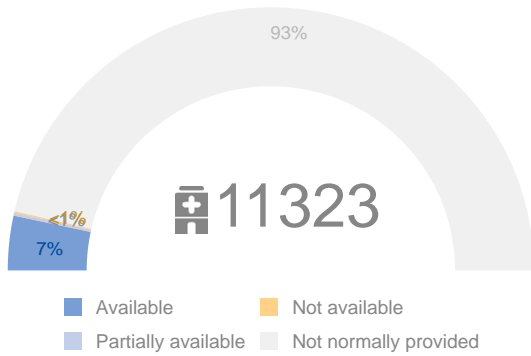
Main barriers impeding service delivery by oblast**



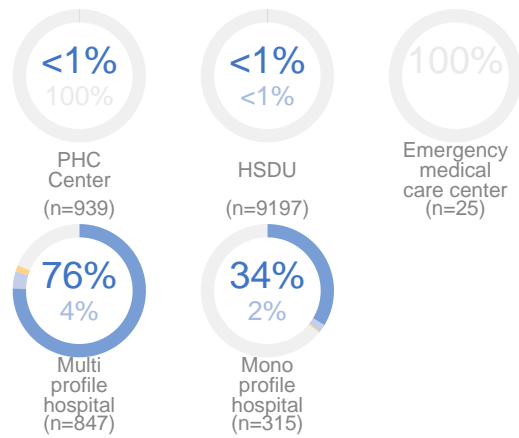
* Chart excludes health facilities where the service is not normally provided.
 ** Chart includes health facilities where the causes/barriers were indicated.

INPATIENT CRITICAL CARE MANAGEMENT

Service availability

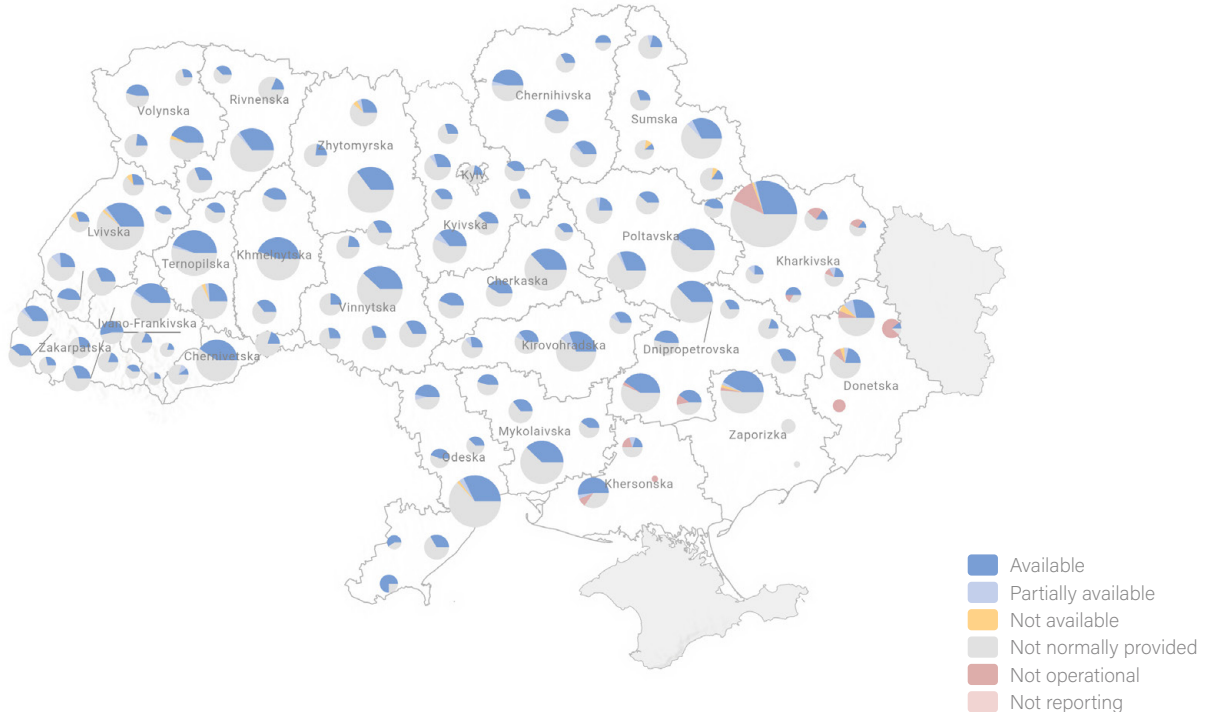


Service availability by health facility type



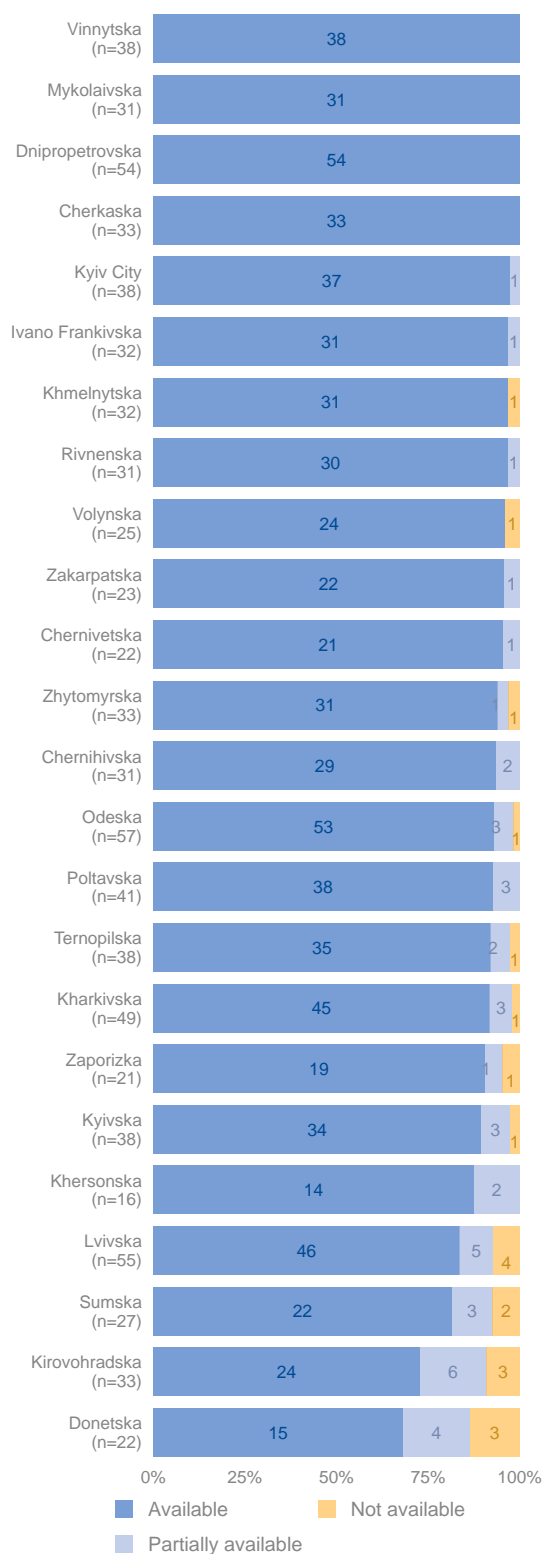
Main barriers impeding service delivery

(n = 63)

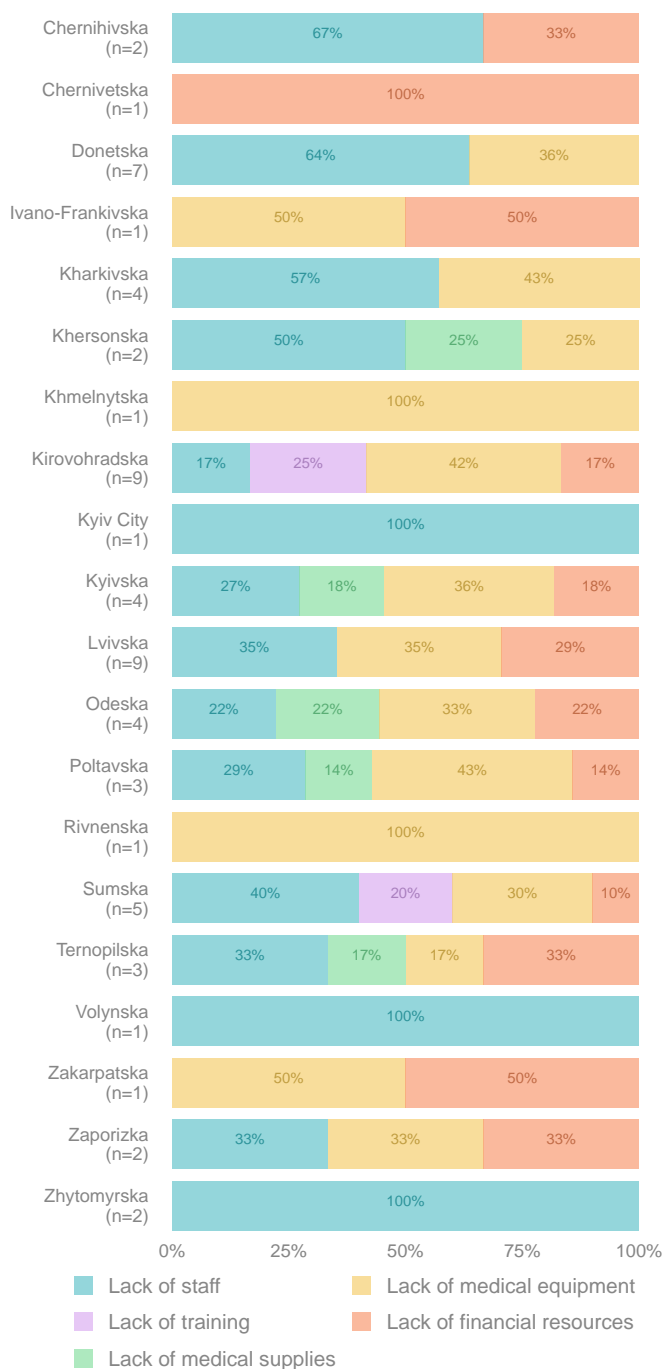


INPATIENT CRITICAL CARE MANAGEMENT

Service availability by oblast*



Main barriers impeding service delivery by oblast**



* Chart excludes health facilities where the service is not normally provided.
 ** Chart includes health facilities where the causes/barriers were indicated.

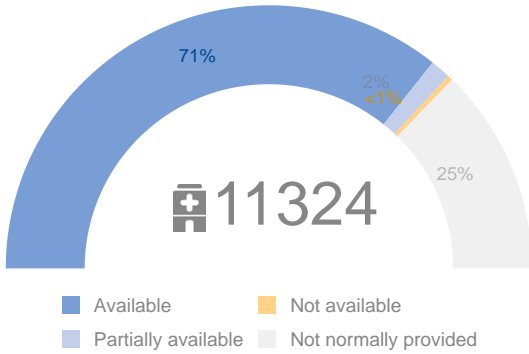


CHILD HEALTH AND NUTRITION

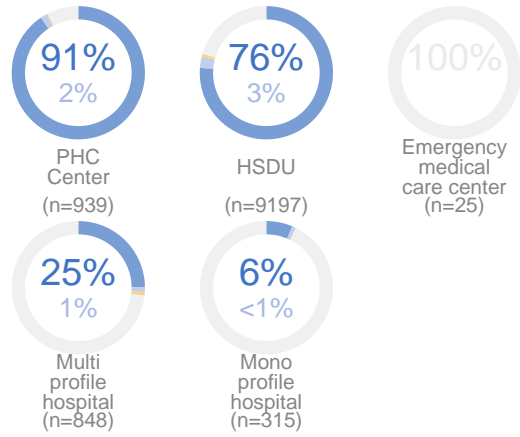


EPI

Service availability

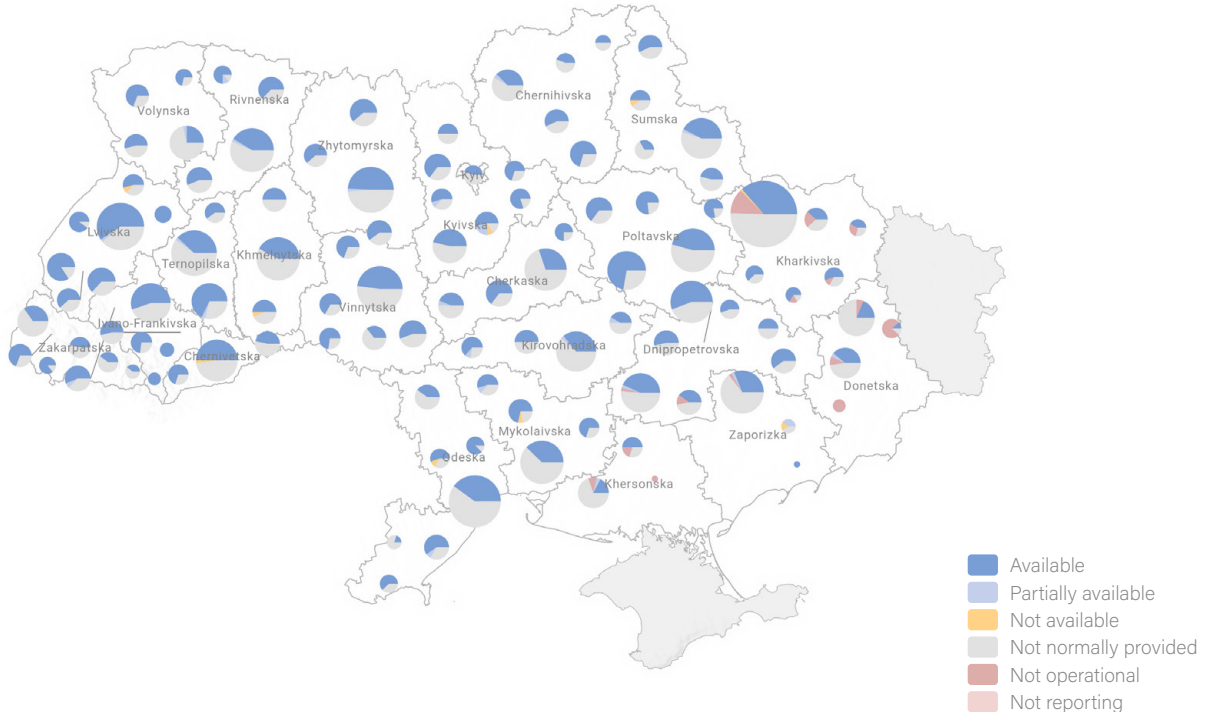


Service availability by health facility type



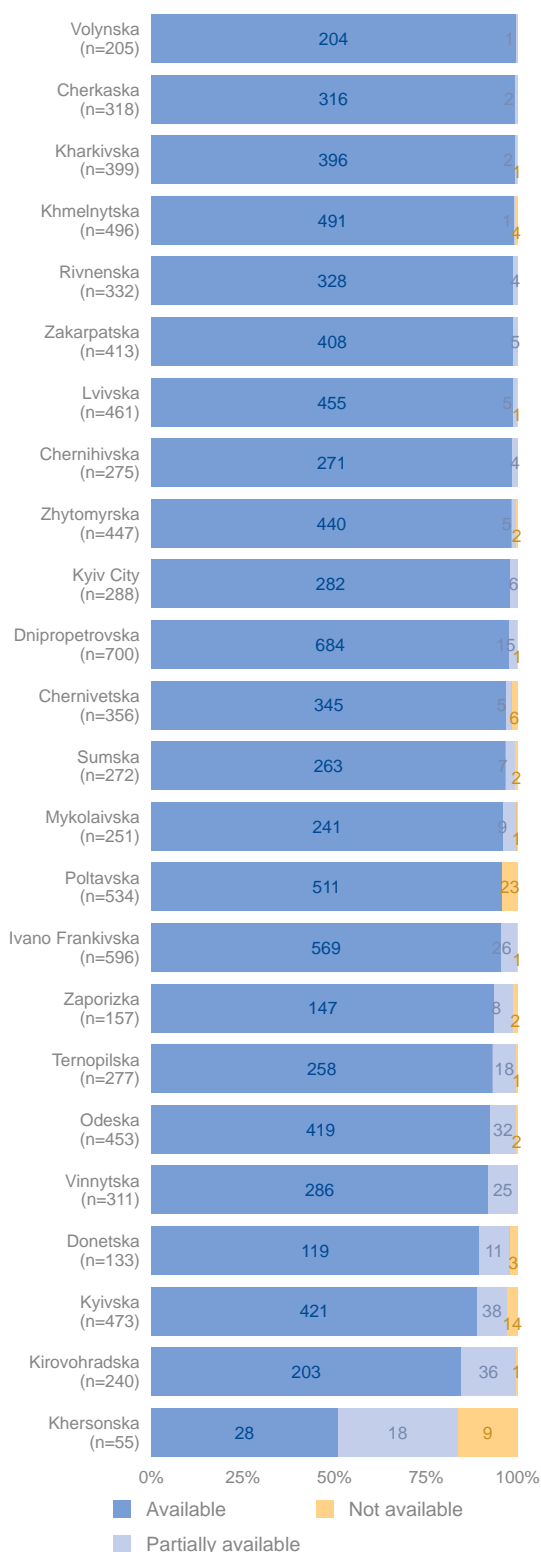
Main barriers impeding service delivery

(n = 357)

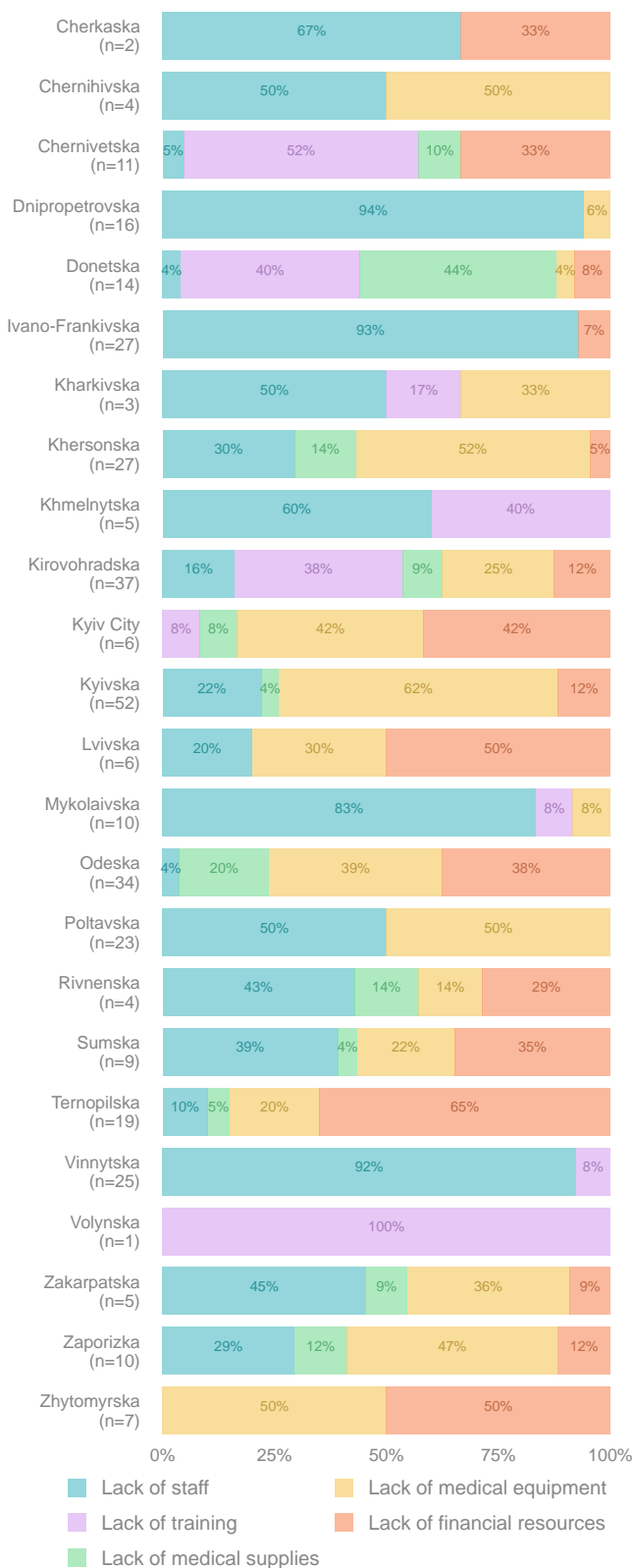


EPI

Service availability by oblast*



Main barriers impeding service delivery by oblast**



* Chart excludes health facilities where the service is not normally provided.
 ** Chart includes health facilities where the causes/barriers were indicated.

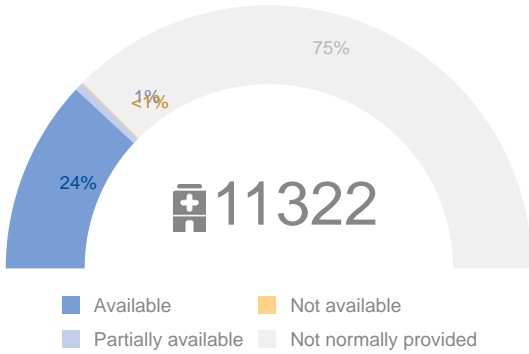


COMMUNICABLE DISEASES

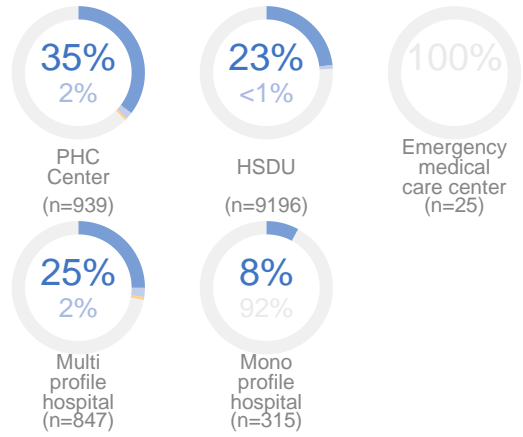


TUBERCULOSIS

Service availability

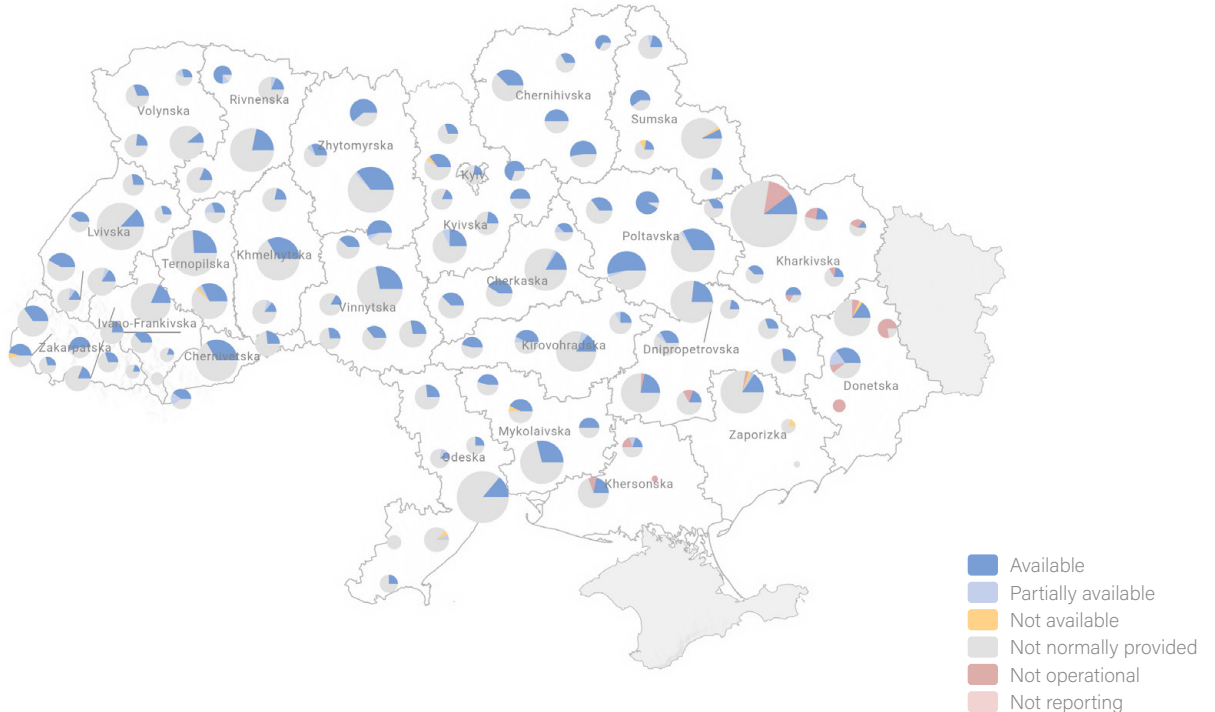
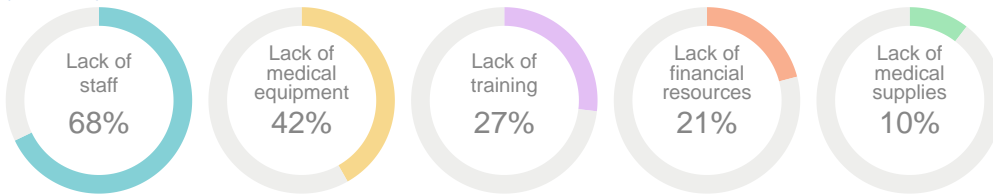


Service availability by health facility type



Main barriers impeding service delivery

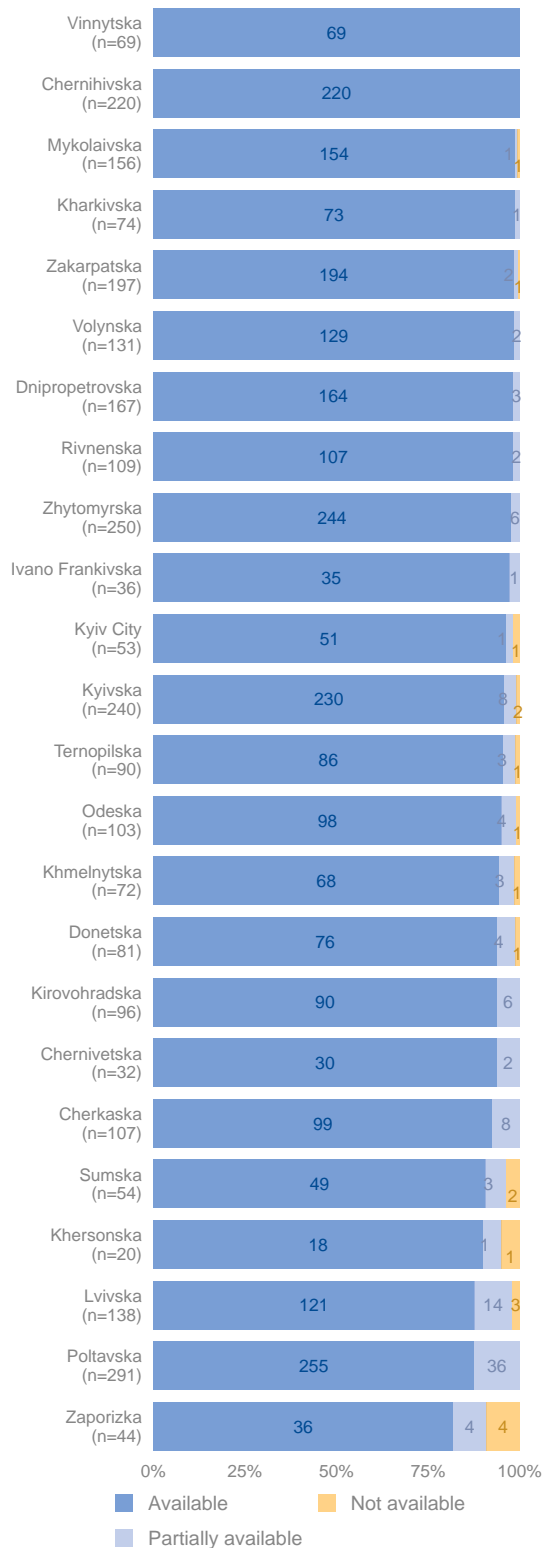
(n = 134)



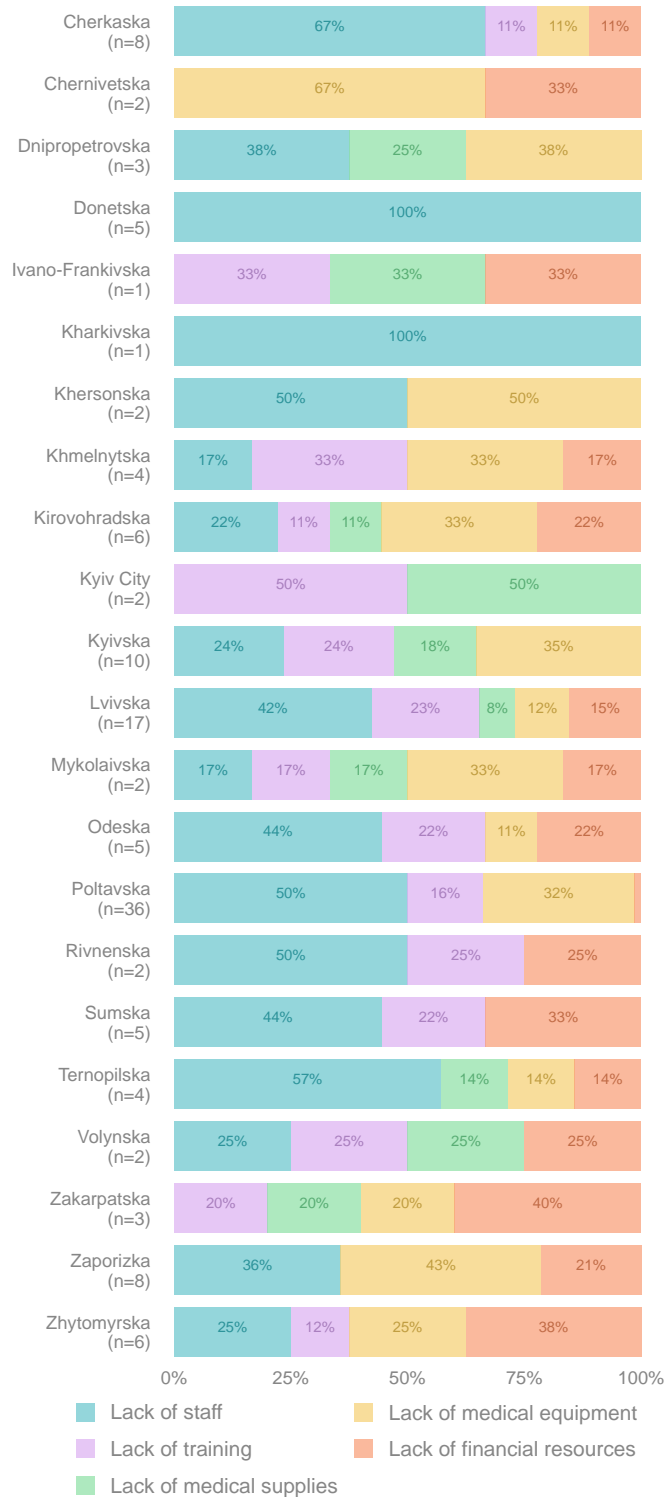
Map excludes HSDUs

TUBERCULOSIS

Service availability by oblast*



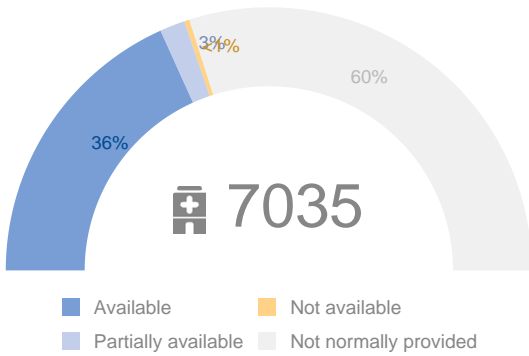
Main barriers impeding service delivery by oblast**



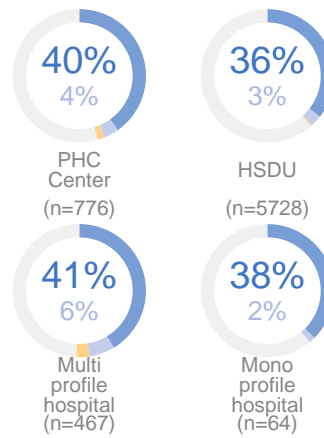
* Chart excludes health facilities where the service is not normally provided.
 ** Chart includes health facilities where the causes/barriers were indicated.

MDRTTB

Service availability

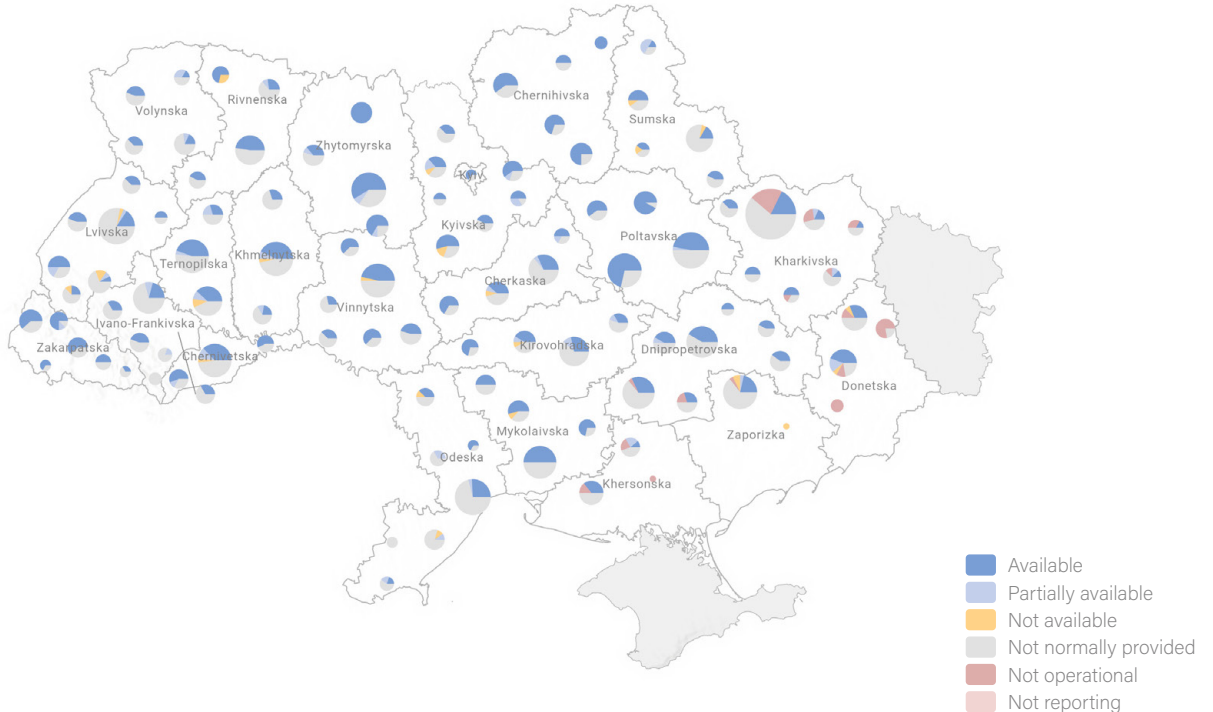
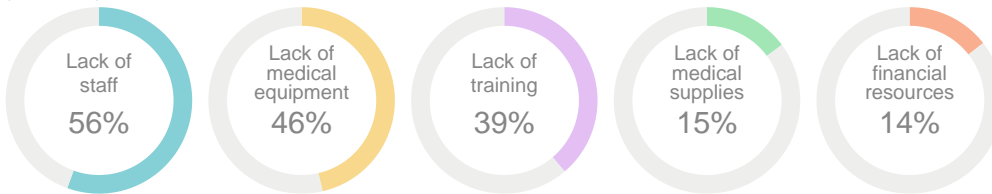


Service availability by health facility type



Main barriers impeding service delivery

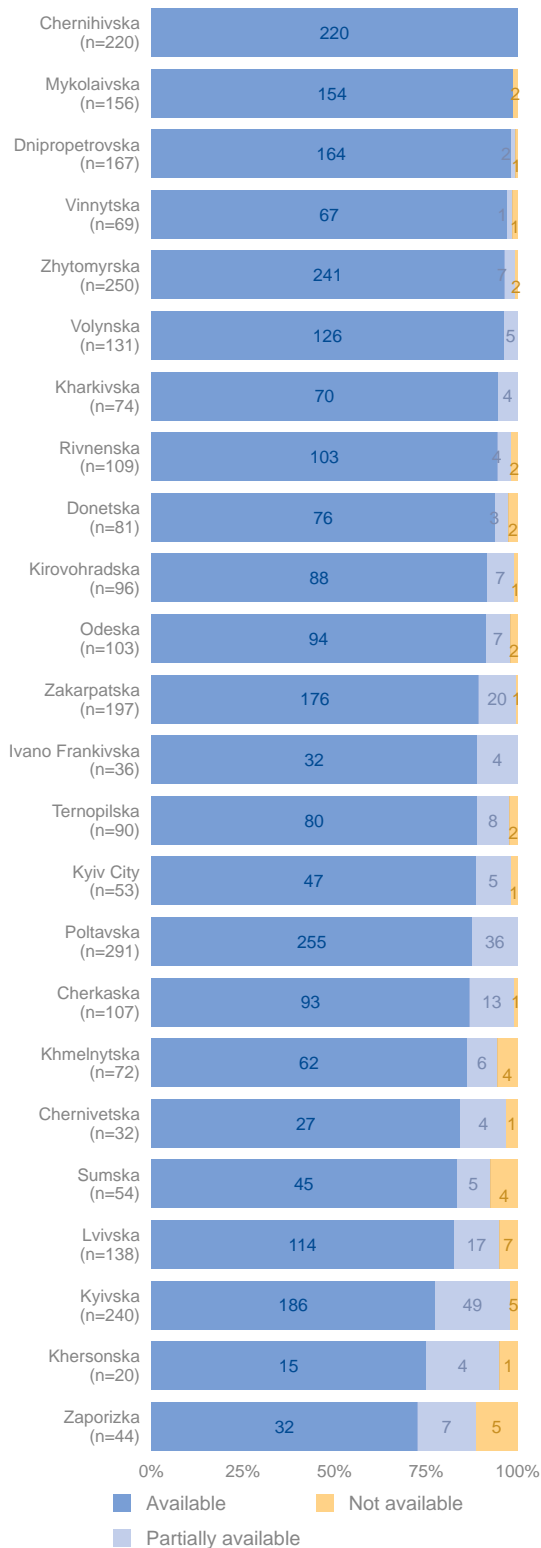
(n = 263)



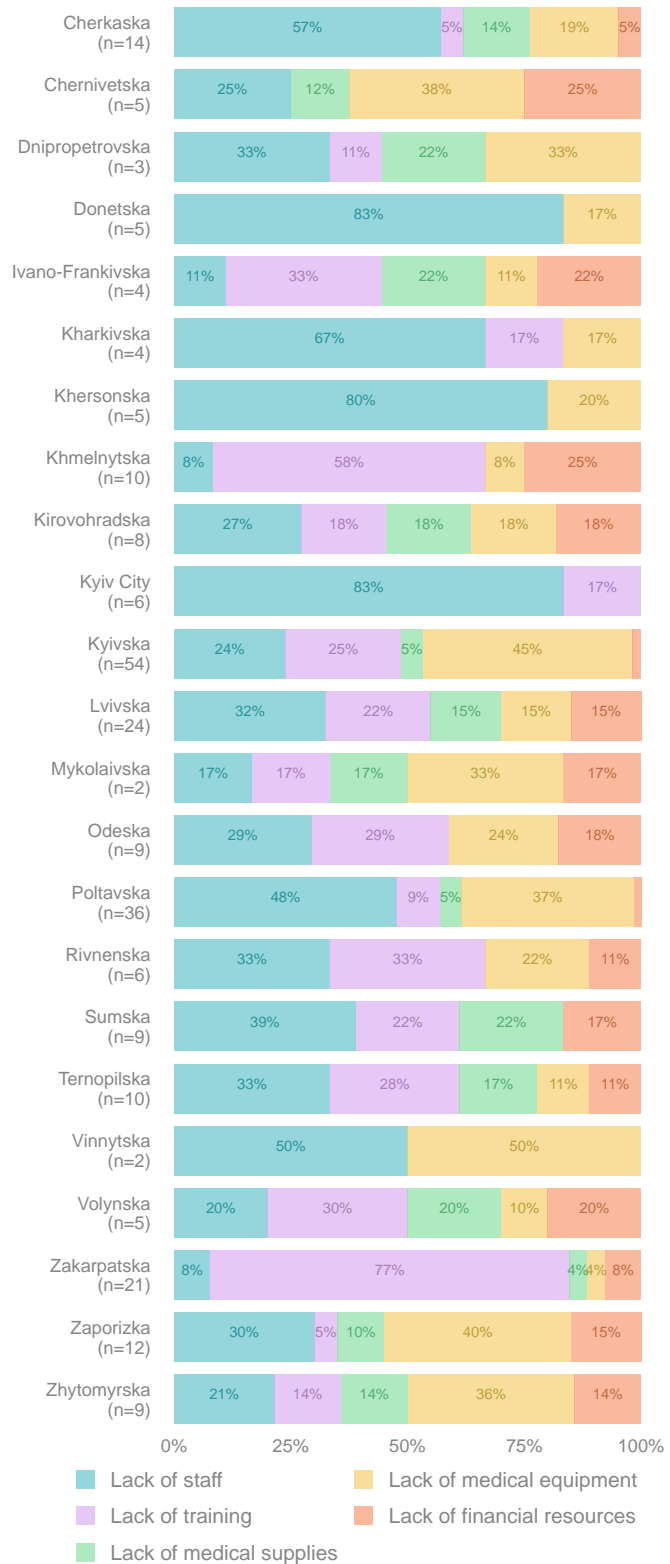
Map excludes HSDUs

MDRTB

Service availability by oblast*



Main barriers impeding service delivery by oblast**

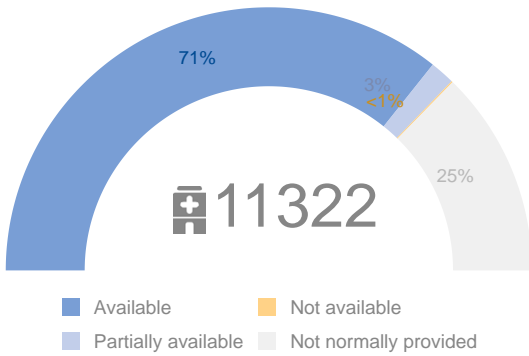


* Chart excludes health facilities where the service is not normally provided.

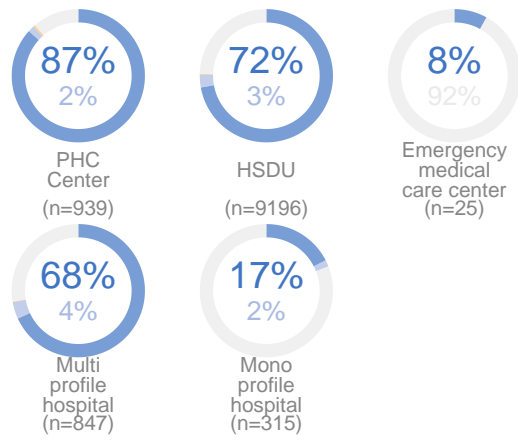
** Chart includes health facilities where the causes/barriers were indicated.

LOCAL PRIORITY DISEASES

Service availability

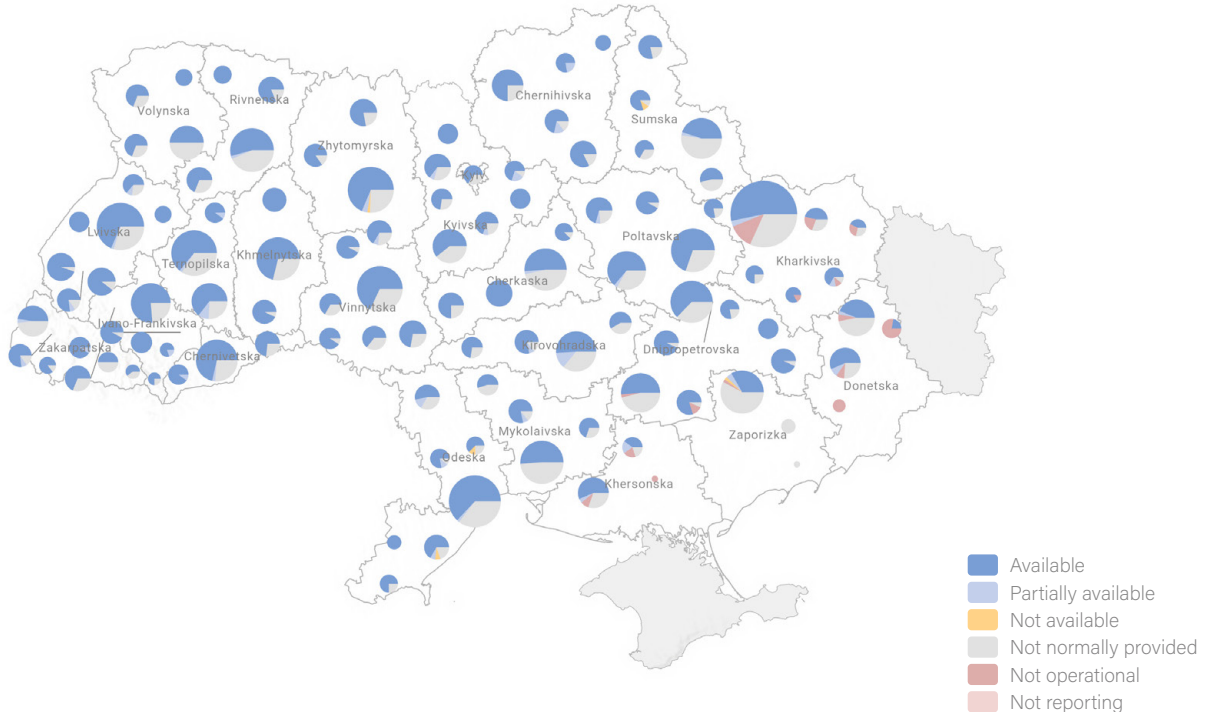
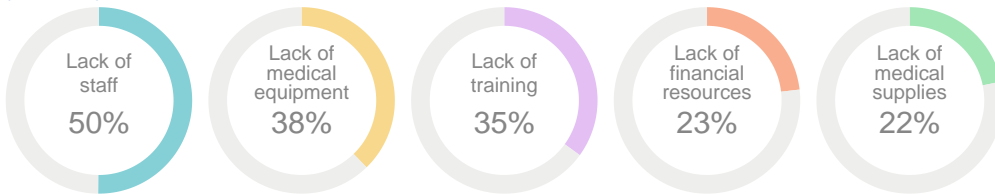


Service availability by health facility type



Main barriers impeding service delivery

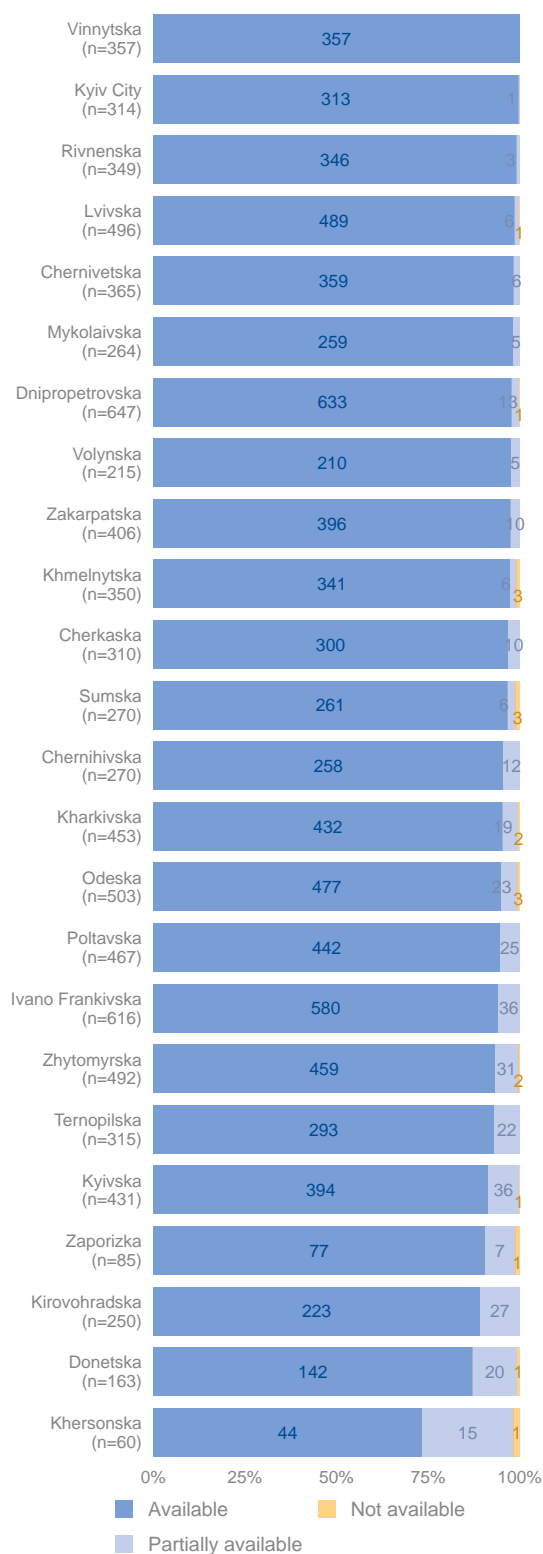
(n = 363)



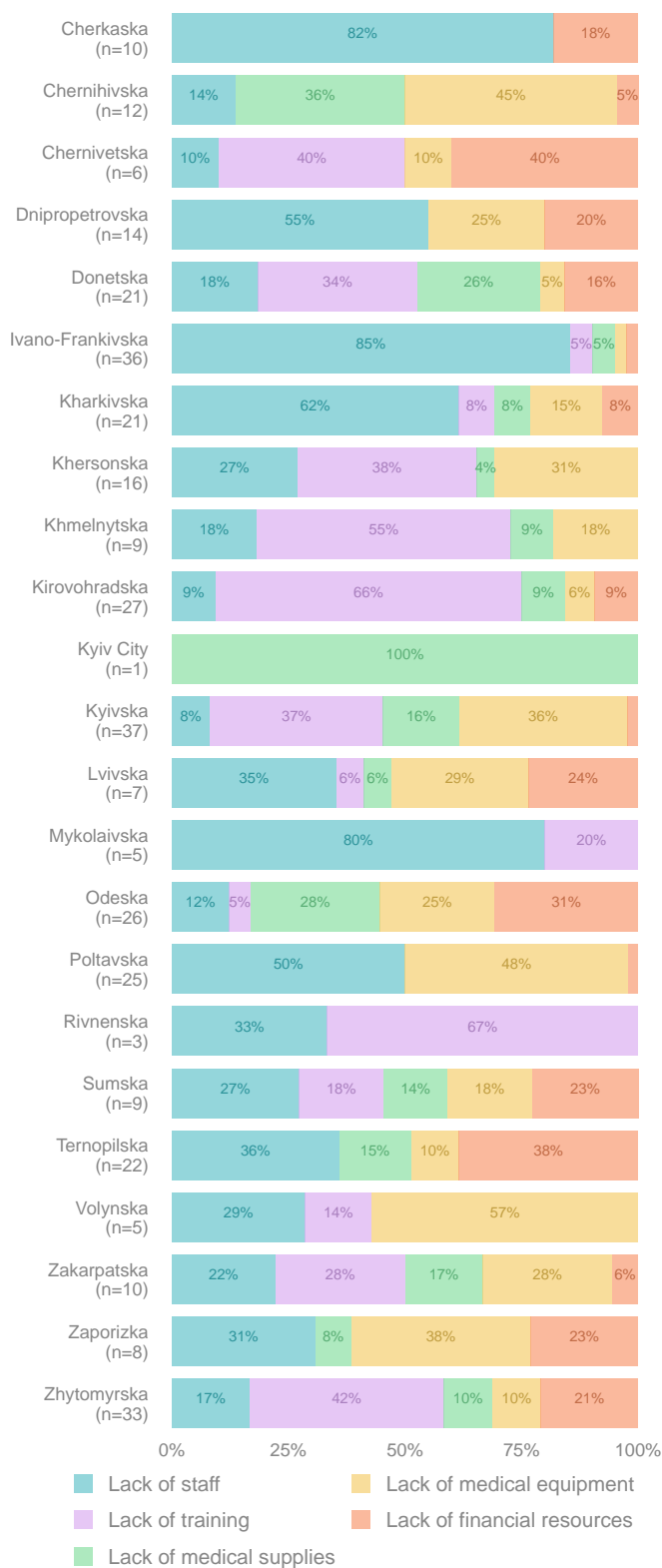
Map excludes HSDUs

LOCAL PRIORITY DISEASES

Service availability by oblast*



Main barriers impeding service delivery by oblast**

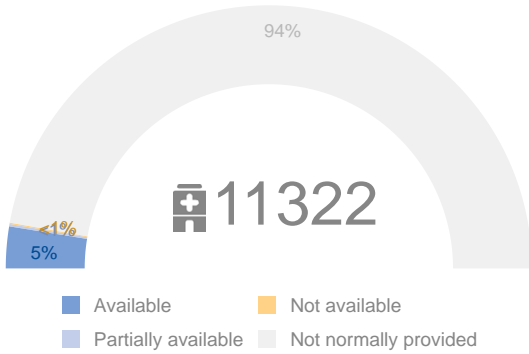


* Chart excludes health facilities where the service is not normally provided.

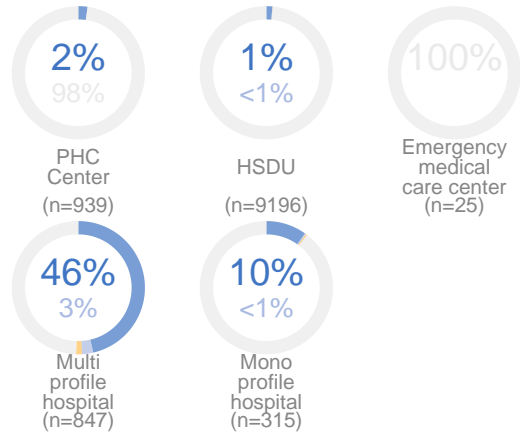
** Chart includes health facilities where the causes/barriers were indicated.

MANAGEMENT OF SEVERE AND/OR COMPLICATED COMMUNICABLE DISEASES

Service availability

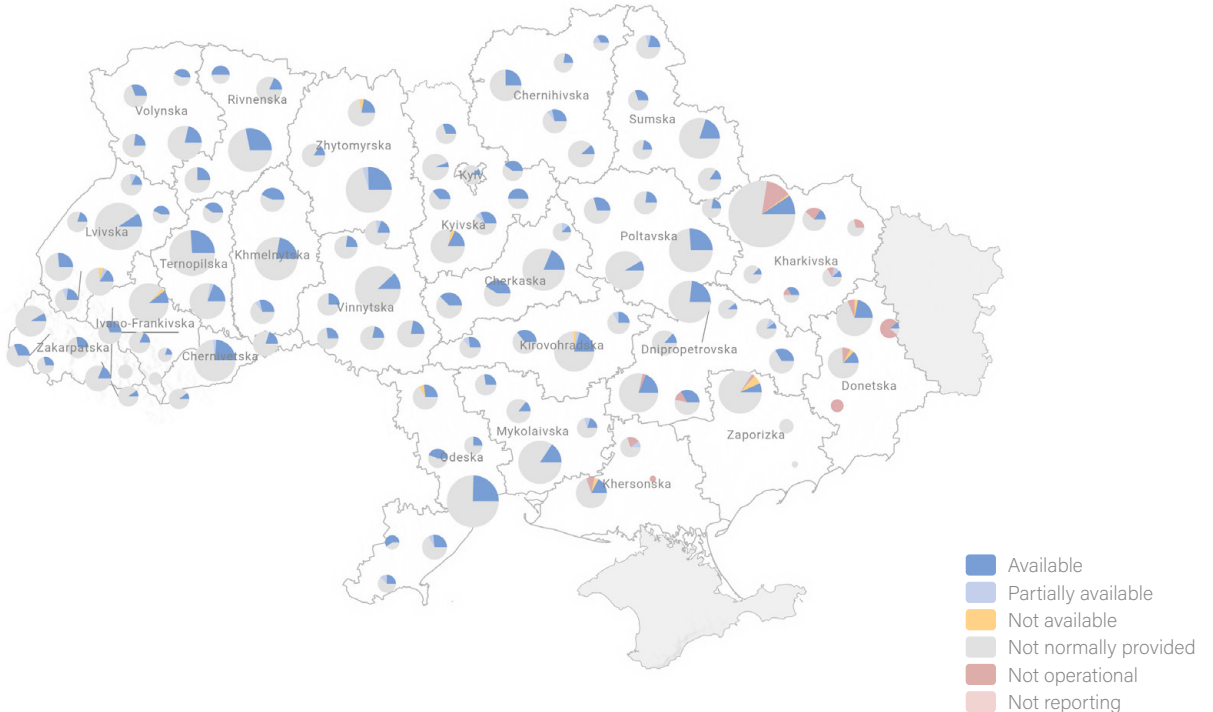


Service availability by health facility type



Main barriers impeding service delivery

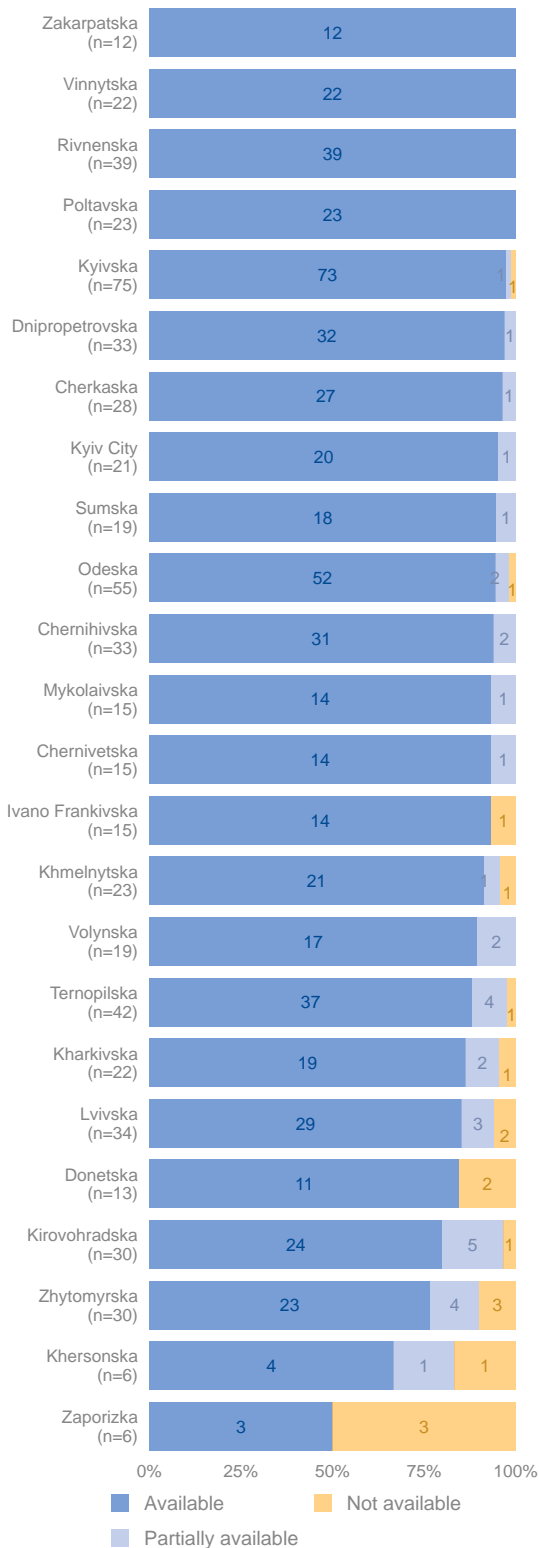
(n = 51)



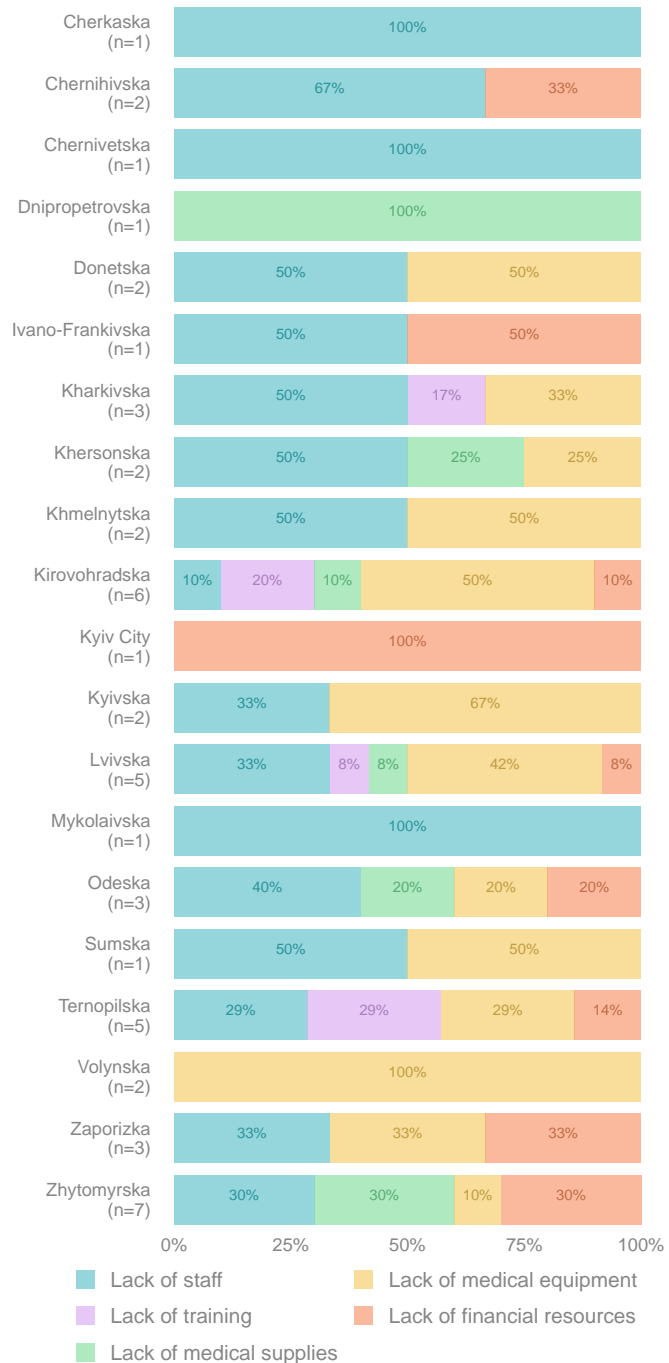
Map excludes HSDUs

MANAGEMENT OF SEVERE AND/OR COMPLICATED COMMUNICABLE DISEASES

Service availability by oblast*



Main barriers impeding service delivery by oblast**

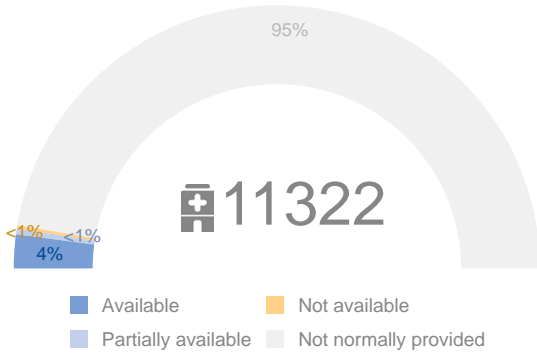


* Chart excludes health facilities where the service is not normally provided.

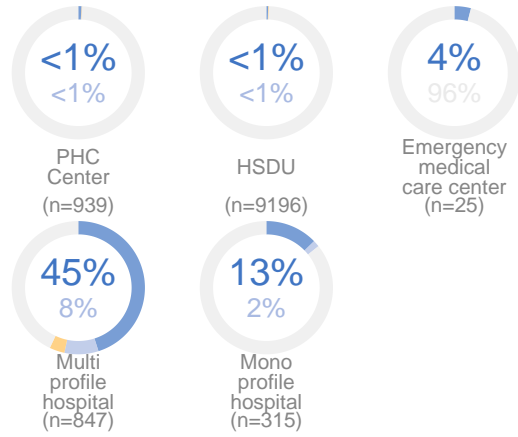
** Chart includes health facilities where the causes/barriers were indicated.

READINESS OF EPIDEMIC AND EMERGENCY SITUATIONS

Service availability

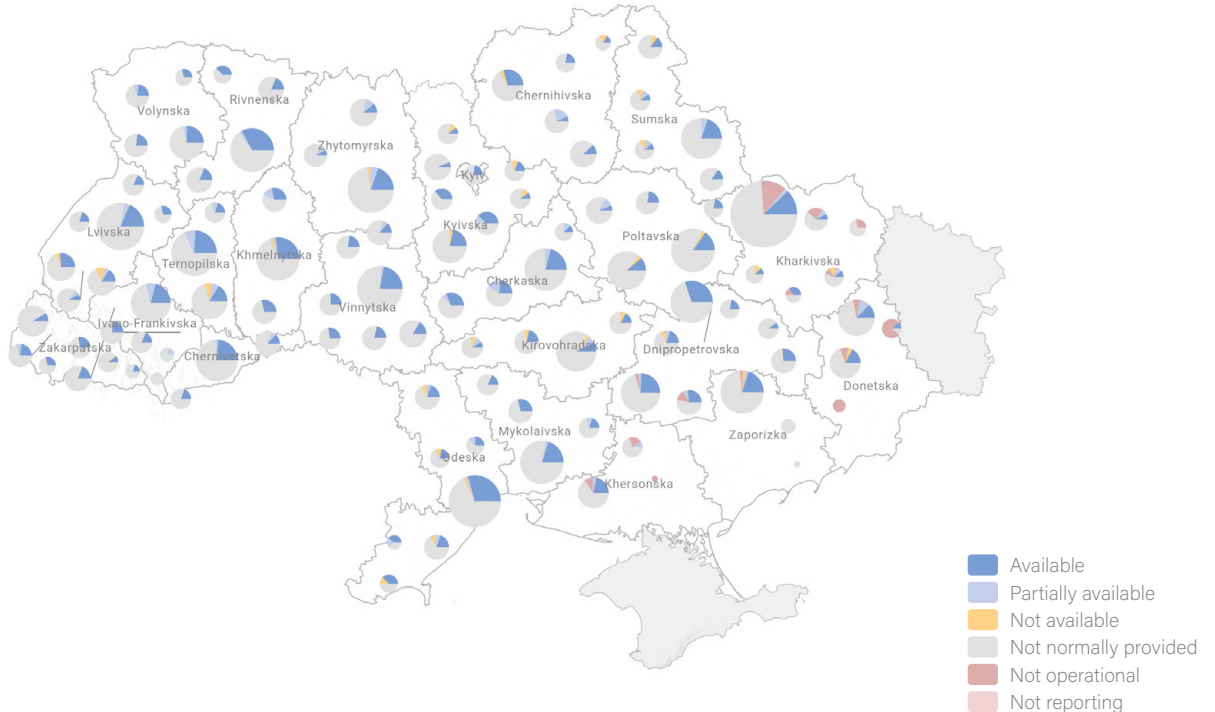


Service availability by health facility type



Main barriers impeding service delivery

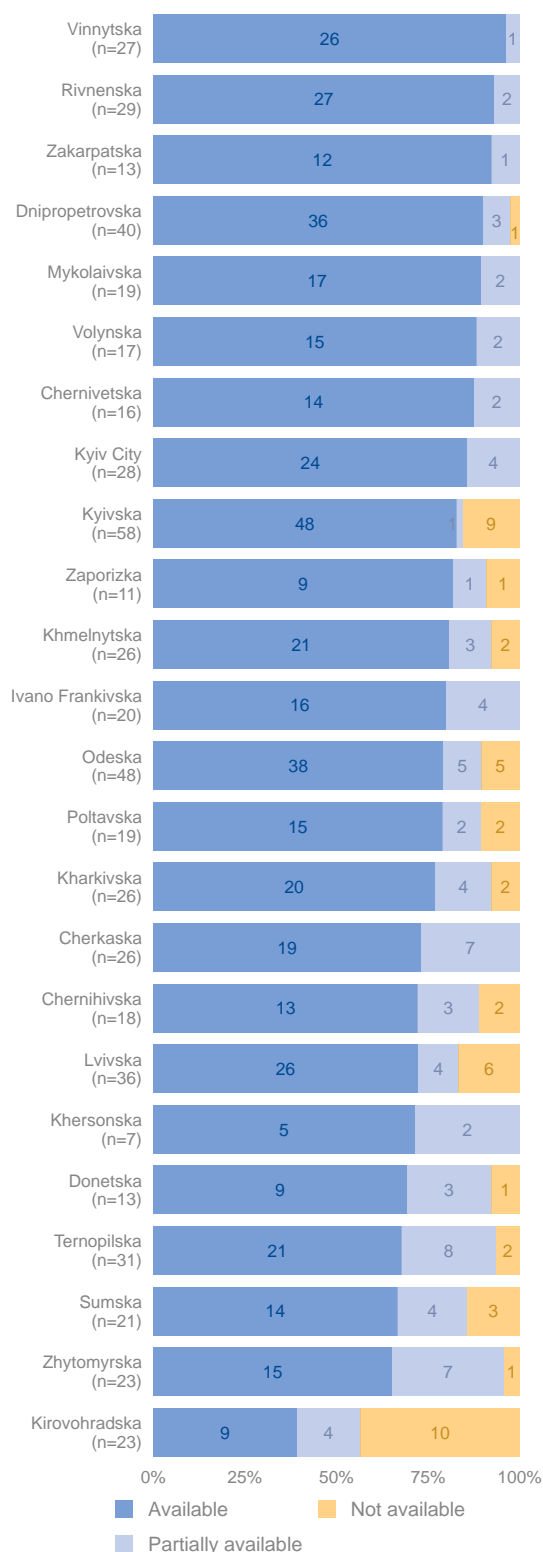
(n = 126)



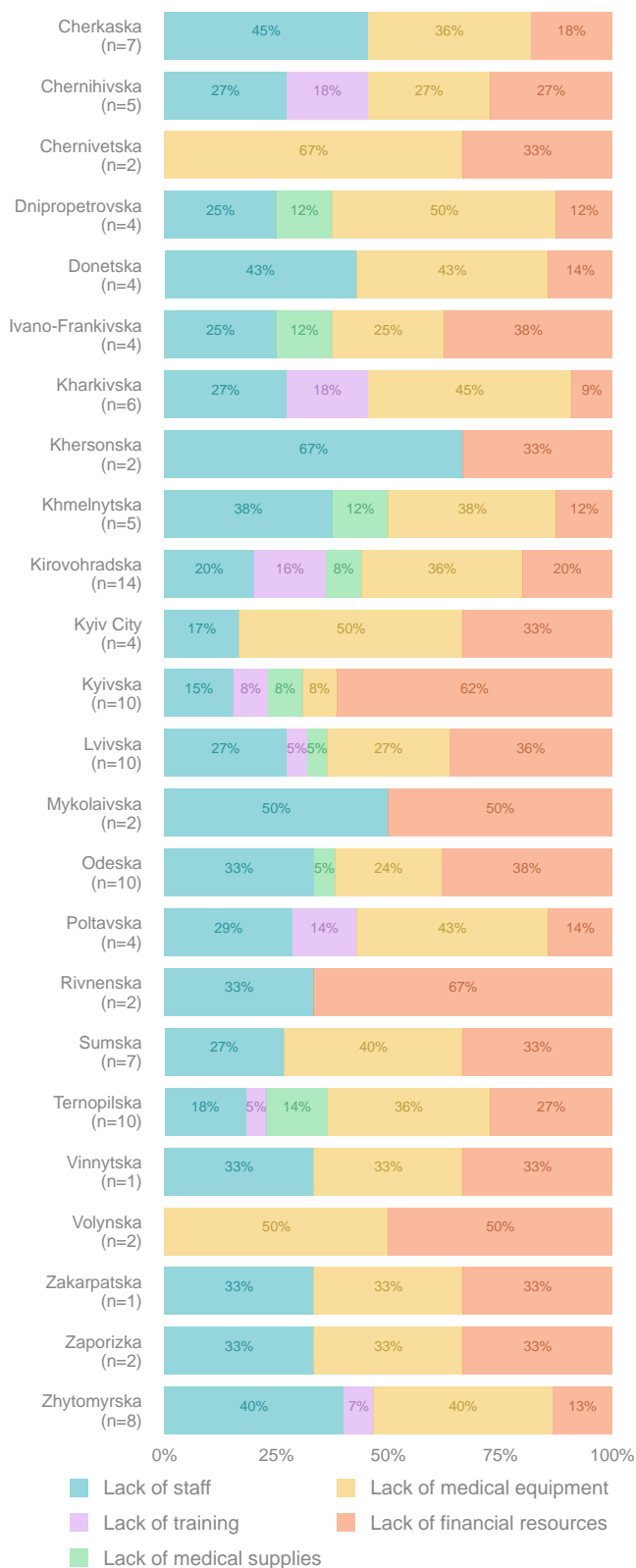
Map excludes HSDUs

READINESS OF EPIDEMIC AND EMERGENCY SITUATIONS

Service availability by oblast*



Main barriers impeding service delivery by oblast**



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

** Chart includes health facilities where the causes/barriers were indicated.

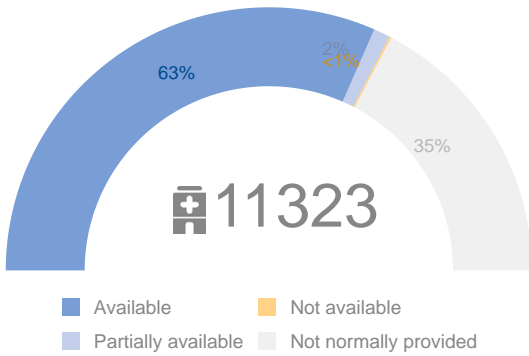


SEXUAL AND REPRODUCTIVE HEALTH (STIS AND HIV/AIDS)

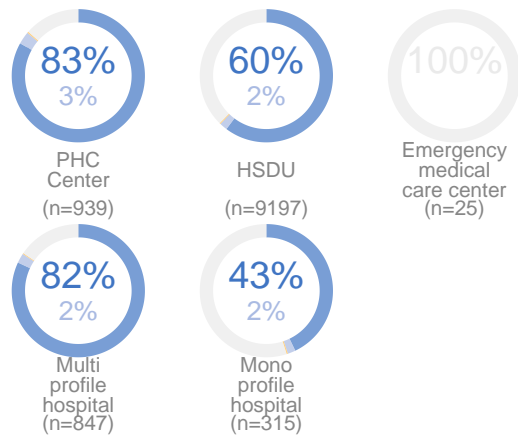


HIV TESTING AND COUNSELING, PRE-EXPOSURE

Service availability

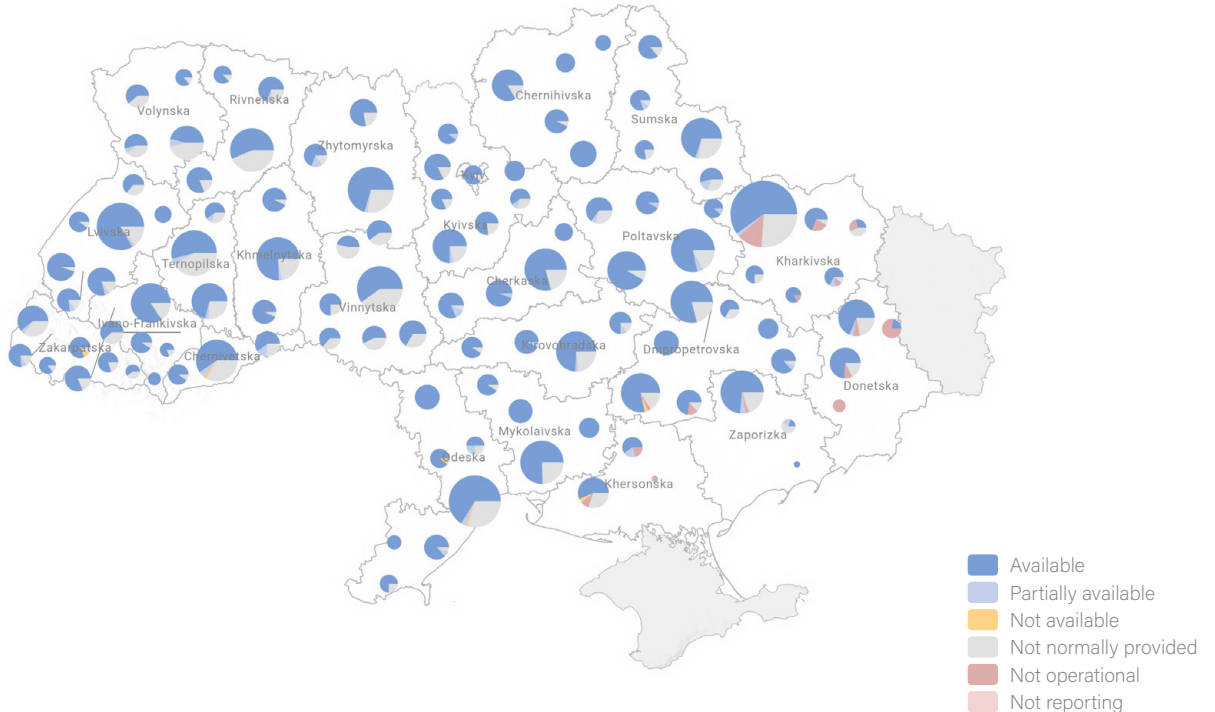
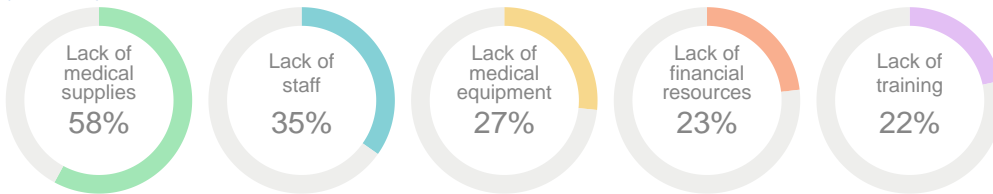


Service availability by health facility type



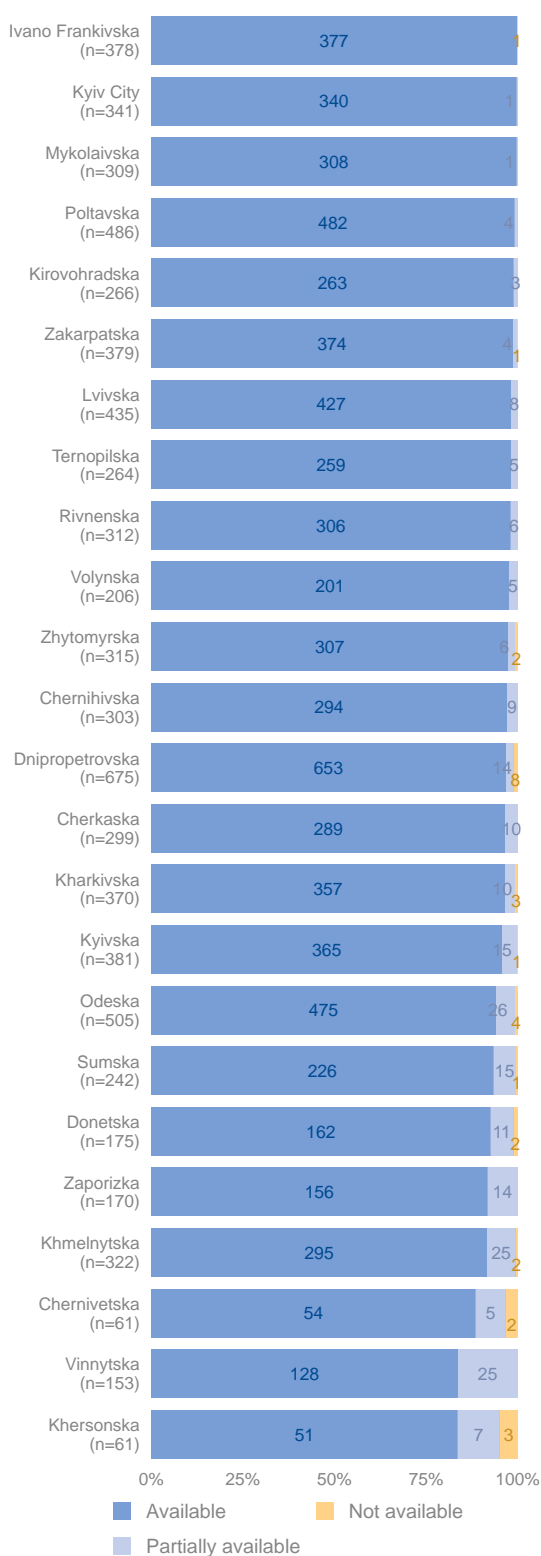
Main barriers impeding service delivery

(n = 259)

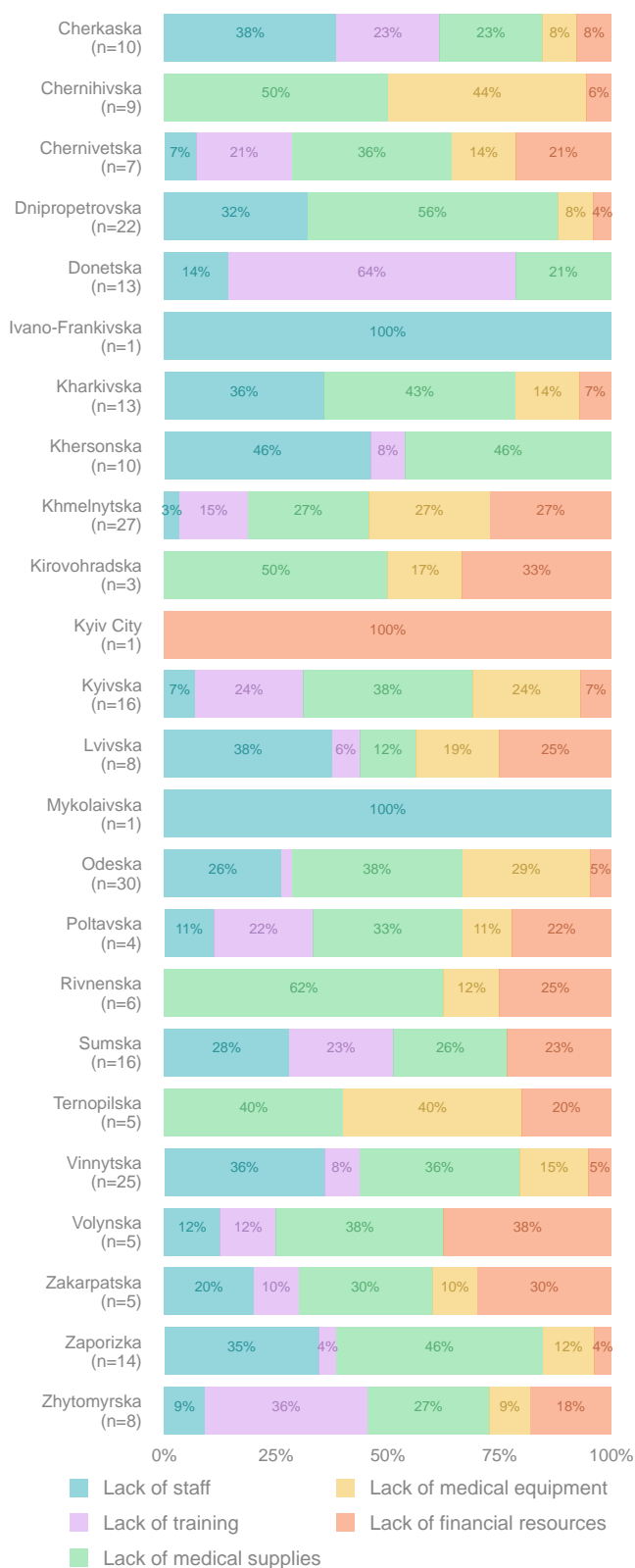


HIV TESTING AND COUNSELING, PRE-EXPOSURE

Service availability by oblast*



Main barriers impeding service delivery by oblast**

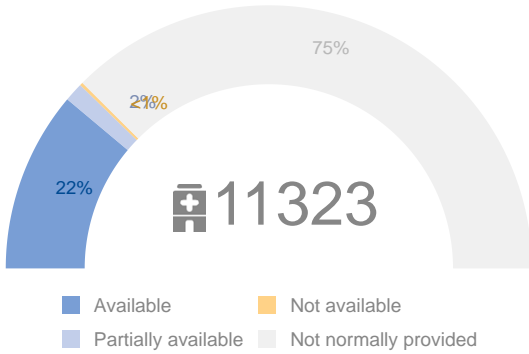


* Chart excludes health facilities where the service is not normally provided.

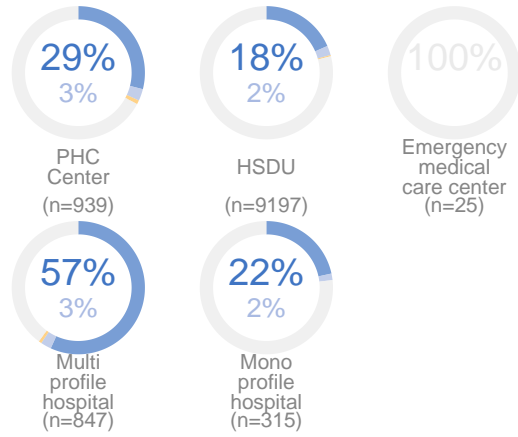
** Chart includes health facilities where the causes/barriers were indicated.

PMTCT

Service availability

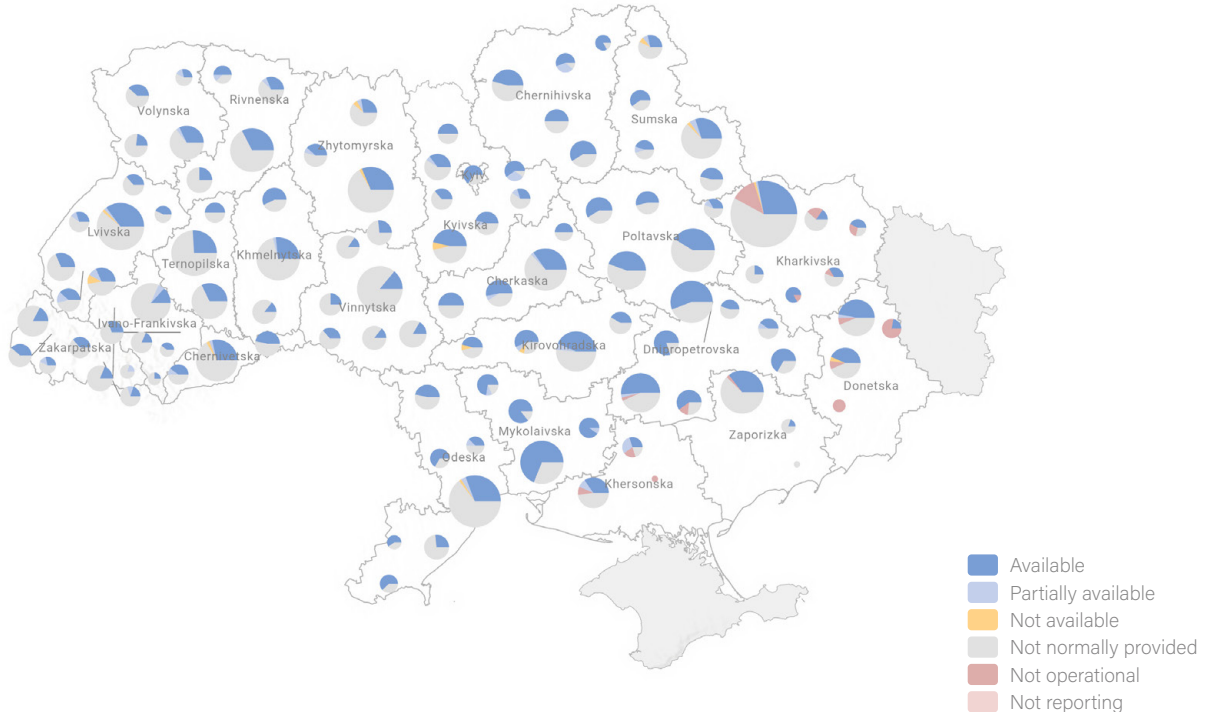
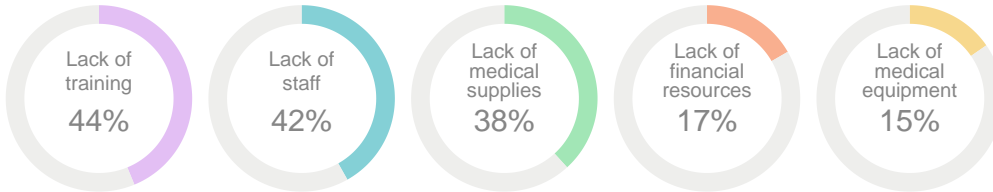


Service availability by health facility type



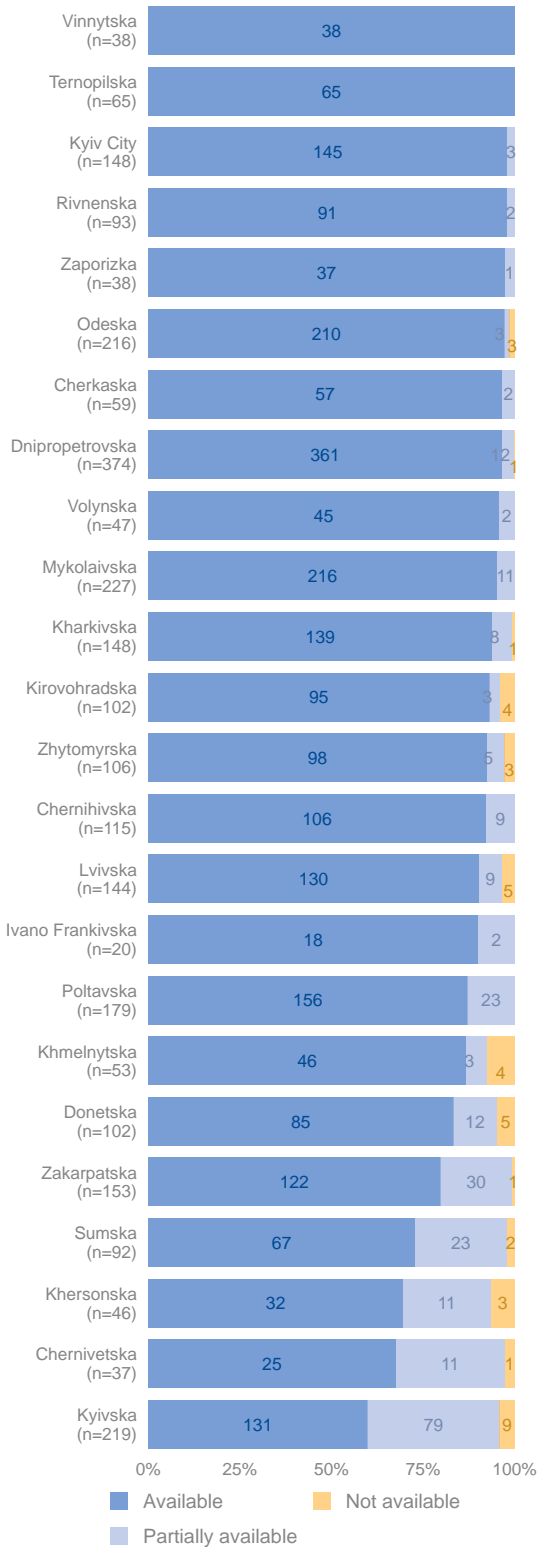
Main barriers impeding service delivery

(n = 306)

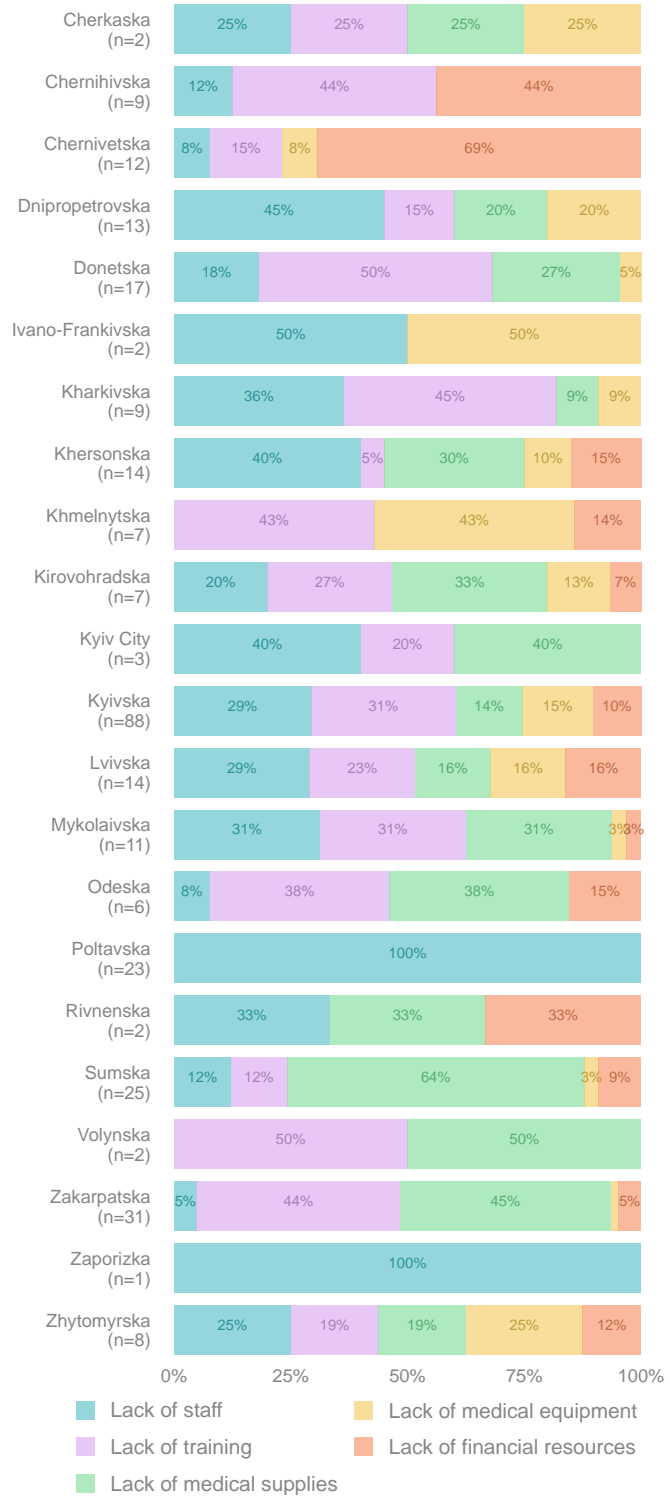


PMTCT

Service availability by oblast*



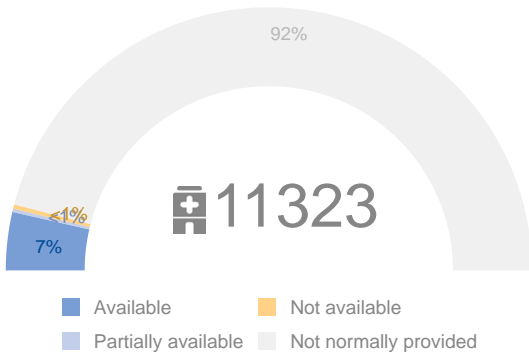
Main barriers impeding service delivery by oblast**



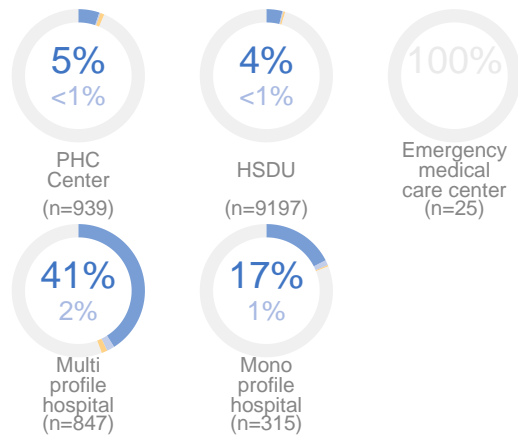
* Chart excludes health facilities where the service is not normally provided.
 ** Chart includes health facilities where the causes/barriers were indicated.

ANTIRETROVIRAL TREATMENT

Service availability

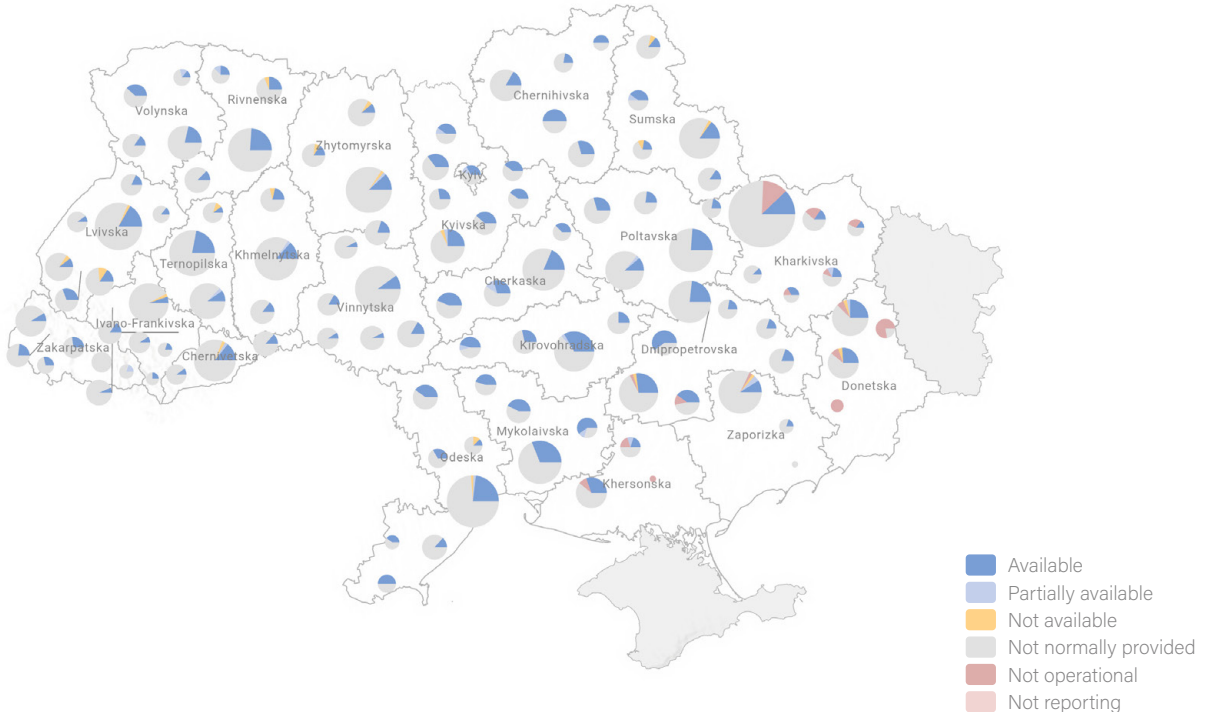
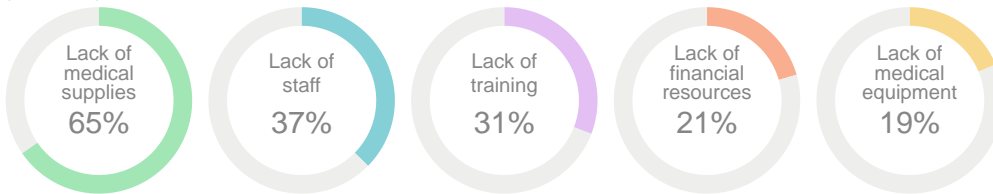


Service availability by health facility type



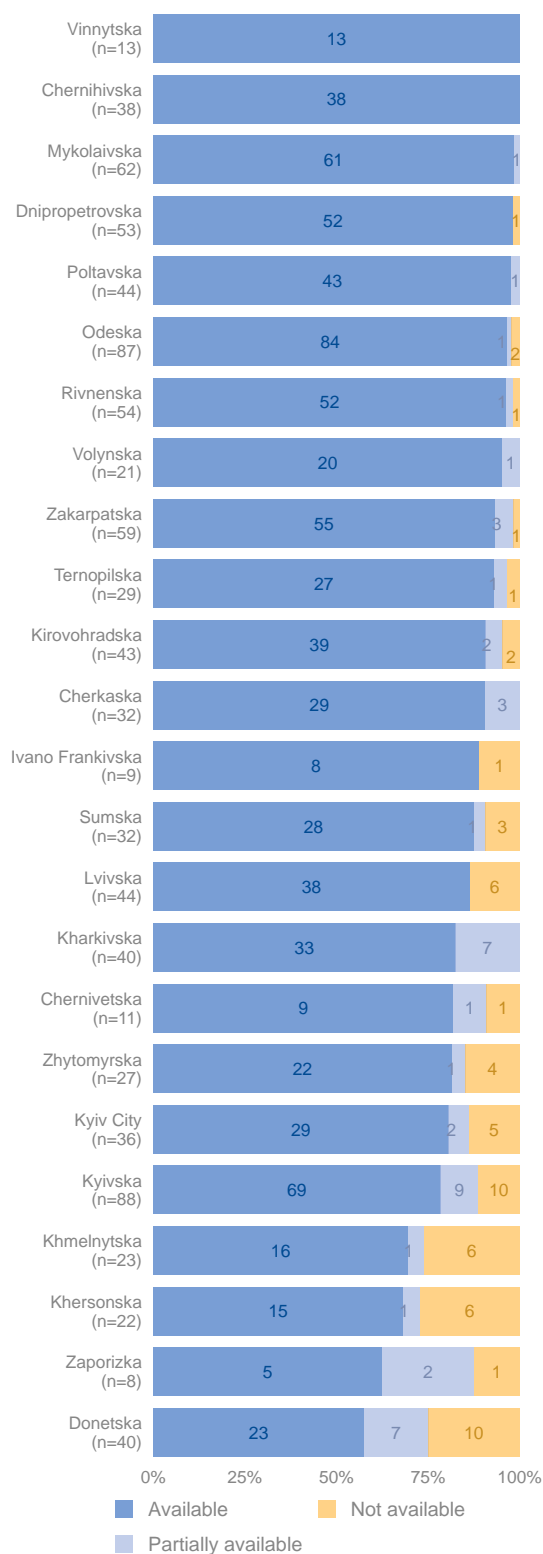
Main barriers impeding service delivery

(n = 107)

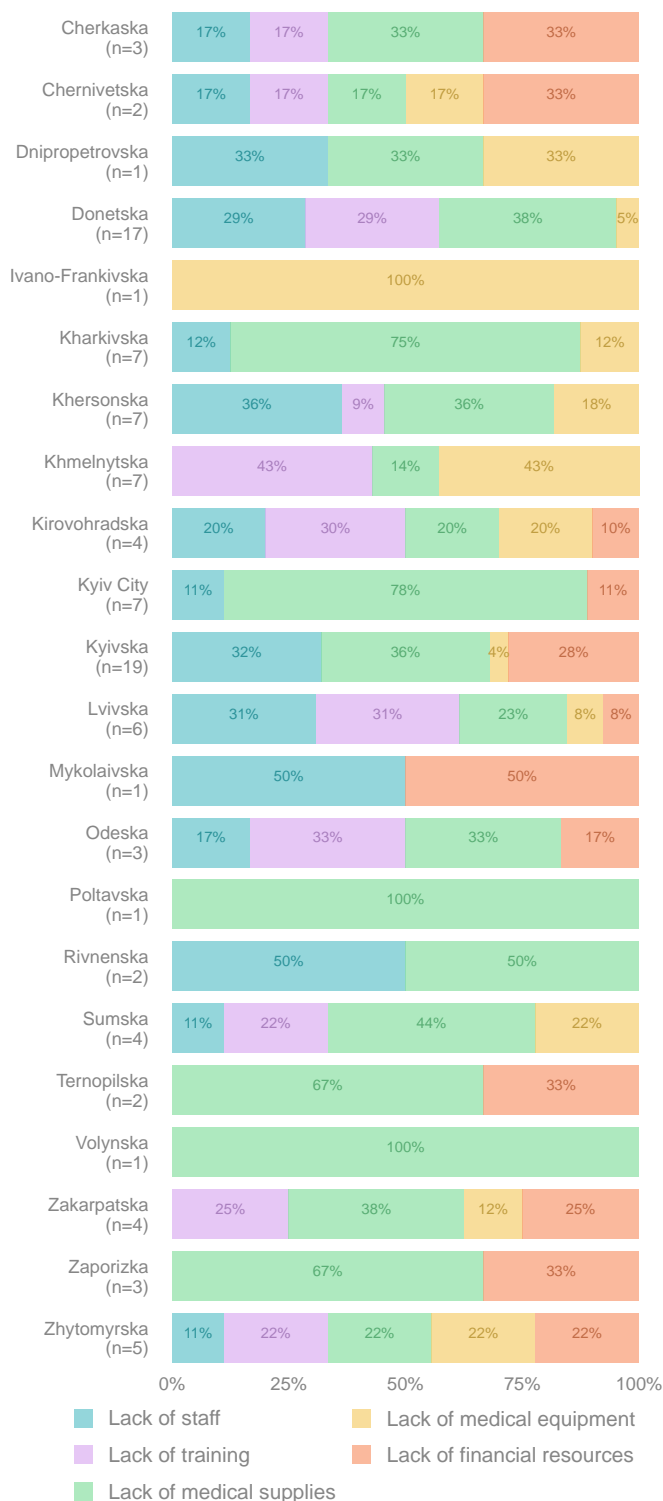


ANTIRETROVIRAL TREATMENT

Service availability by oblast*



Main barriers impeding service delivery by oblast**



* Chart excludes health facilities where the service is not normally provided.
 ** Chart includes health facilities where the causes/barriers were indicated.

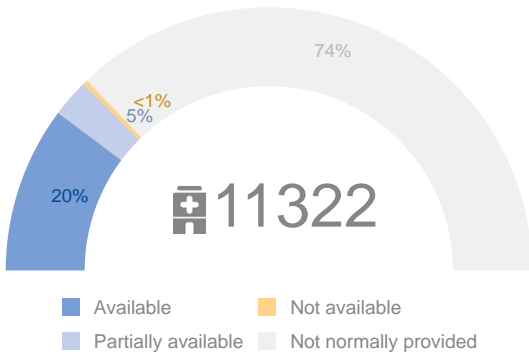


SEXUAL AND REPRODUCTIVE HEALTH (MATERNAL AND NEWBORN CARE)

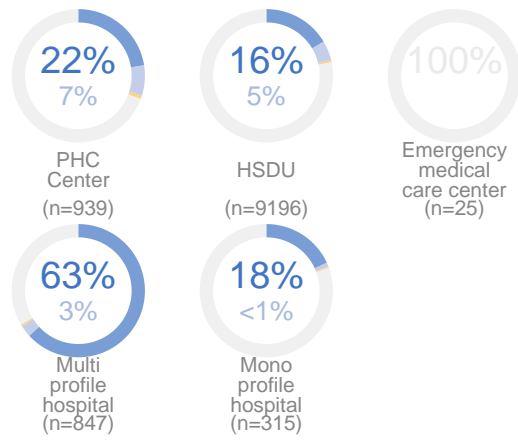


ANTENATAL CARE

Service availability

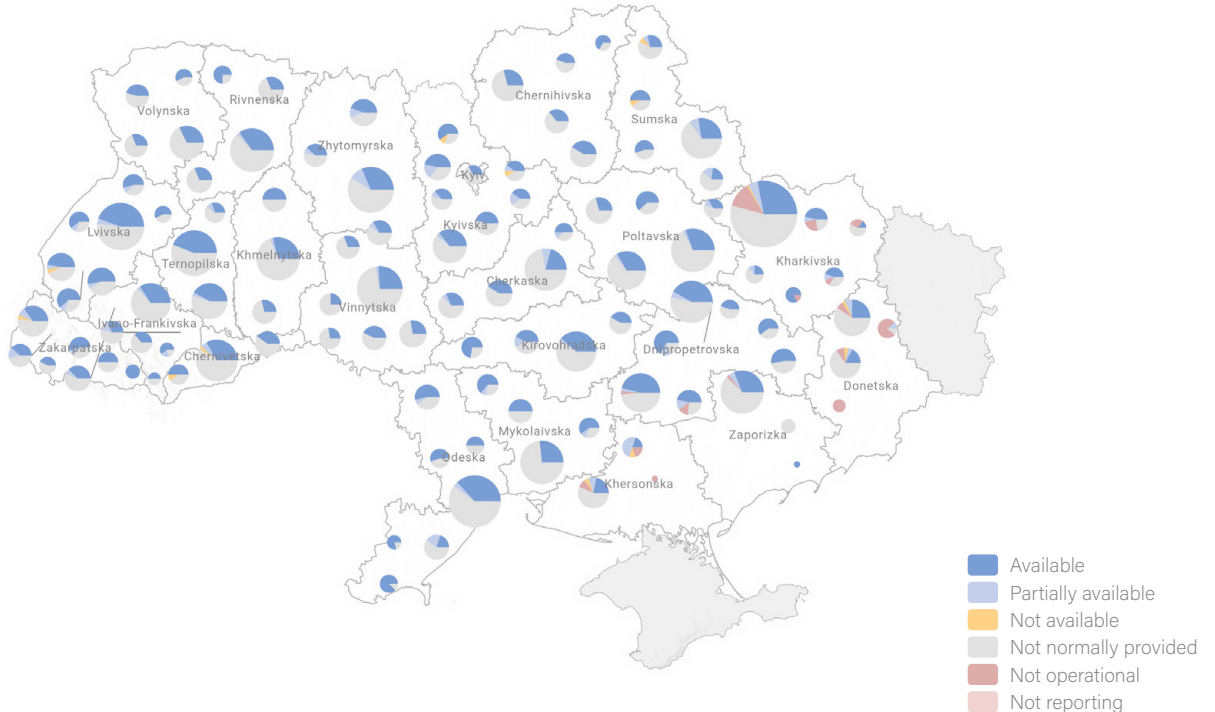
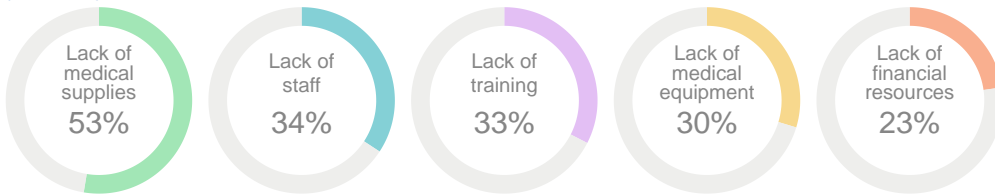


Service availability by health facility type



Main barriers impeding service delivery

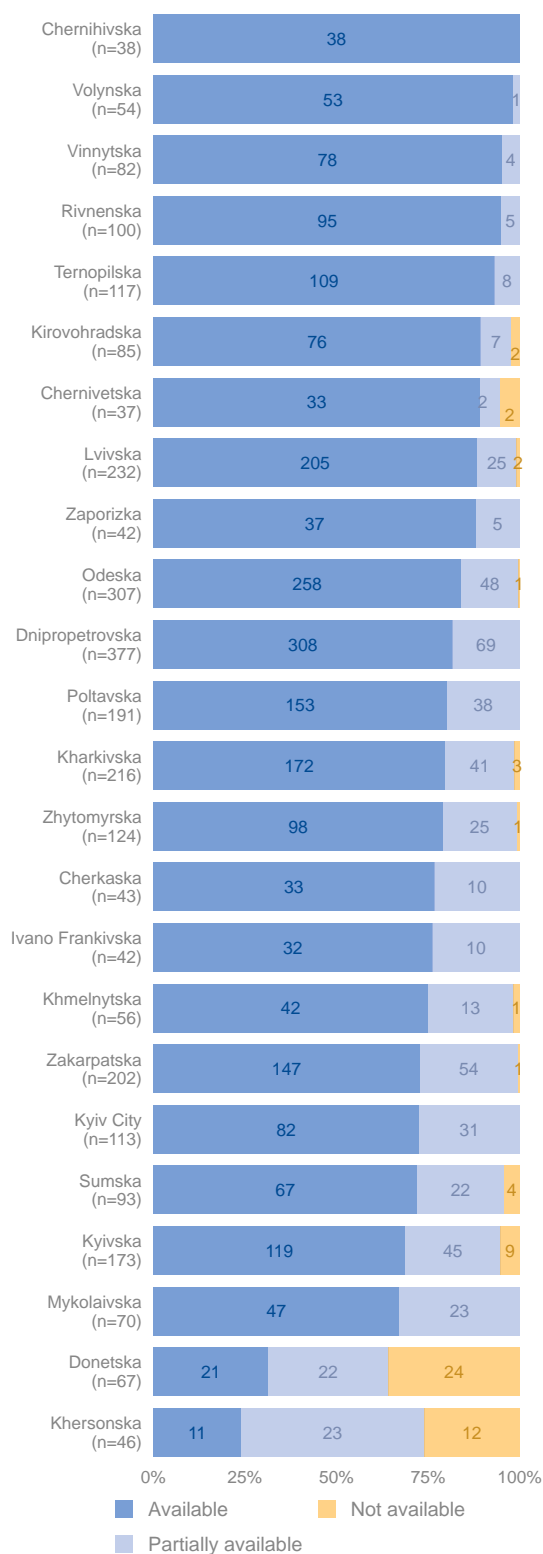
(n = 593)



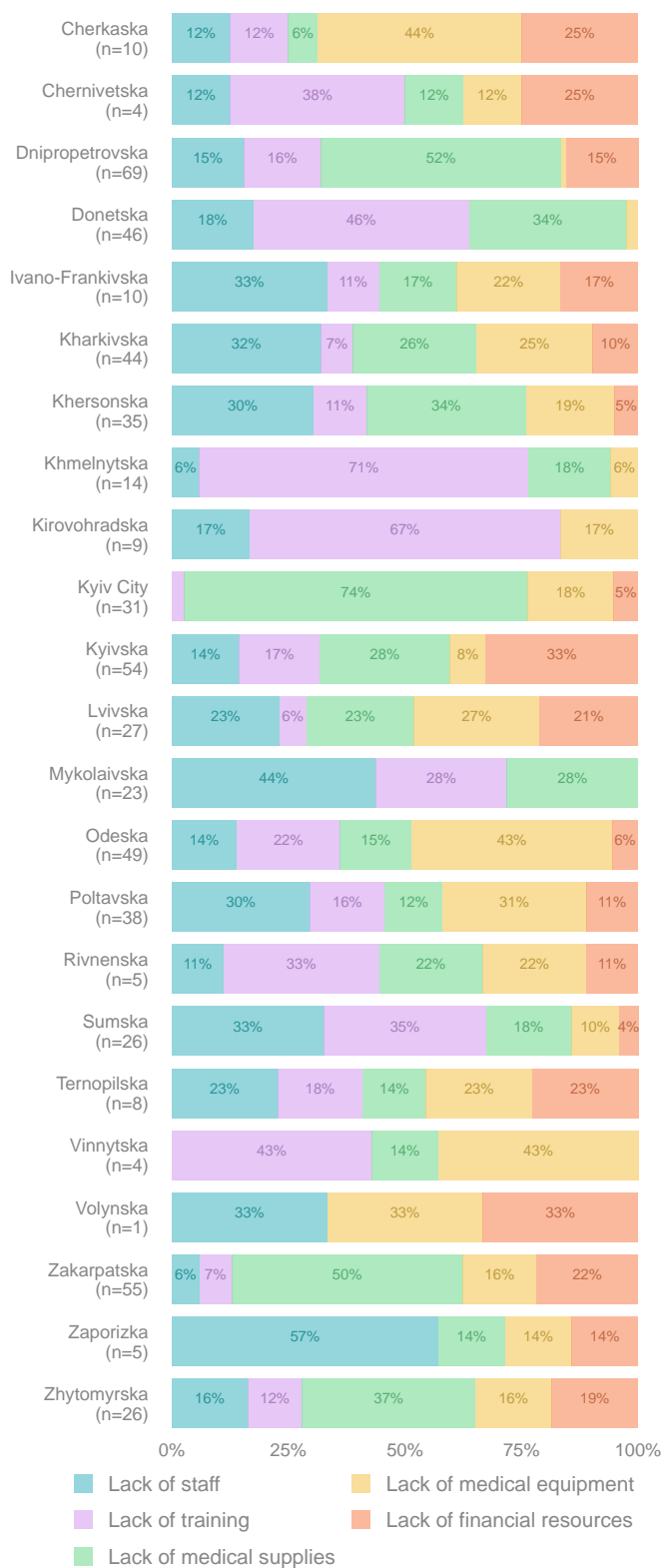
Map excludes HSDUs

ANTENATAL CARE

Service availability by oblast*



Main barriers impeding service delivery by oblast**

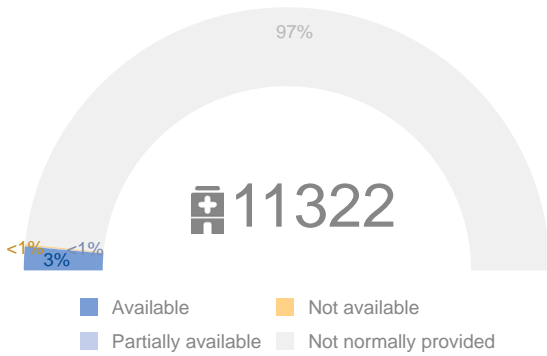


* Chart excludes health facilities where the service is not normally provided.

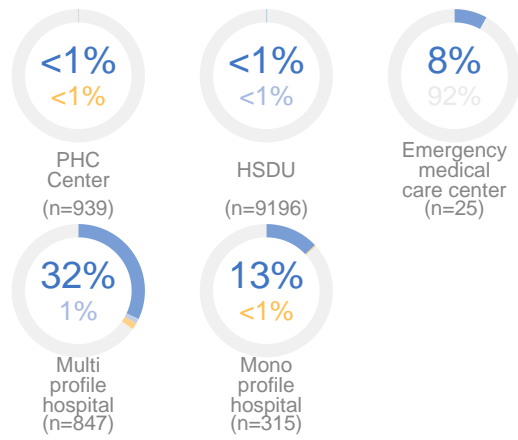
** Chart includes health facilities where the causes/barriers were indicated.

SKILLED CARE DURING CHILDBIRTH

Service availability

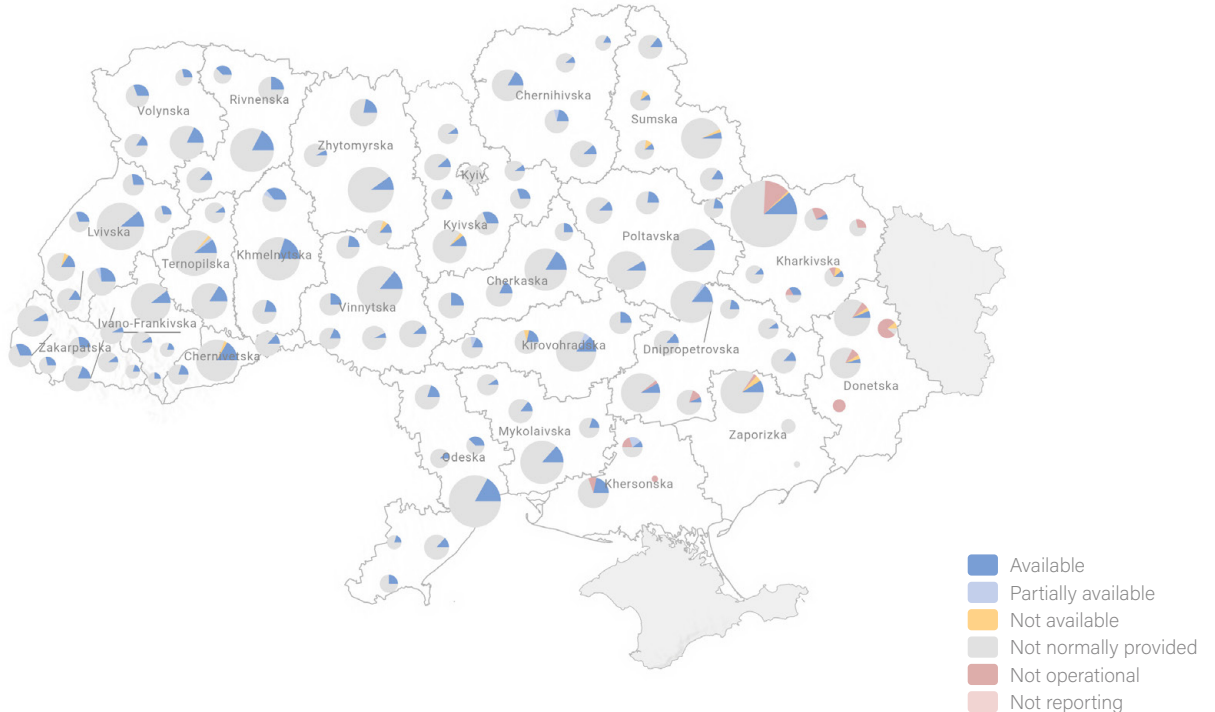


Service availability by health facility type



Main barriers impeding service delivery

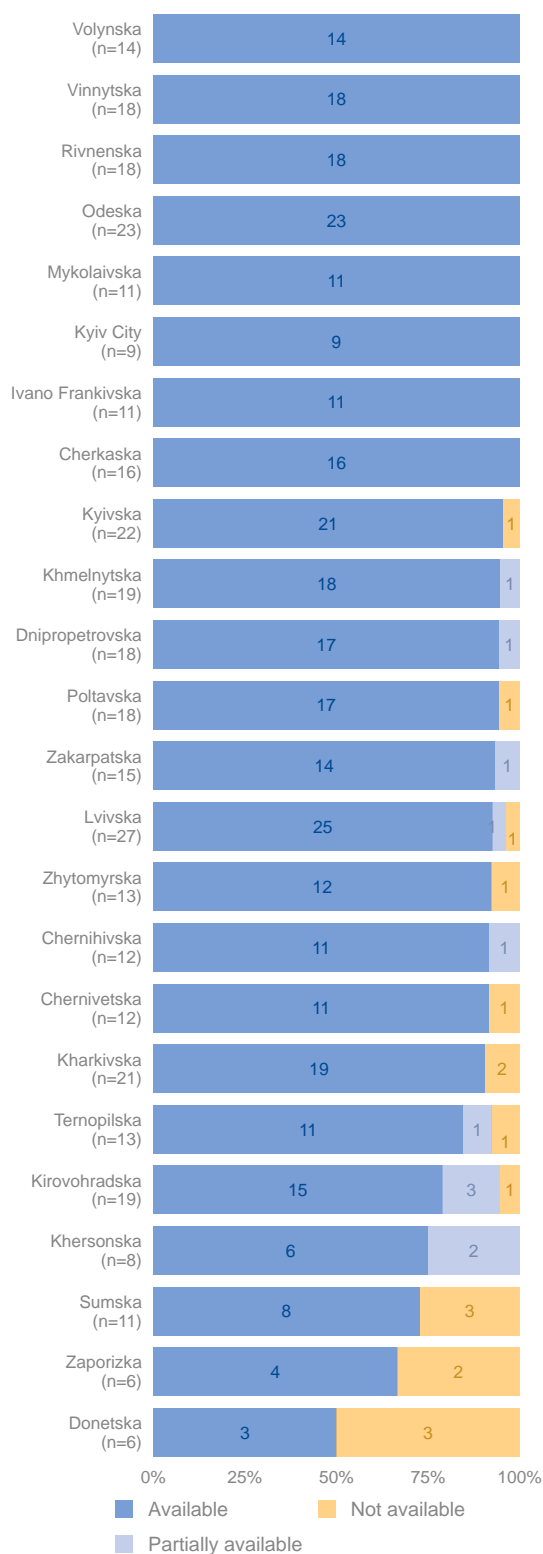
(n = 28)



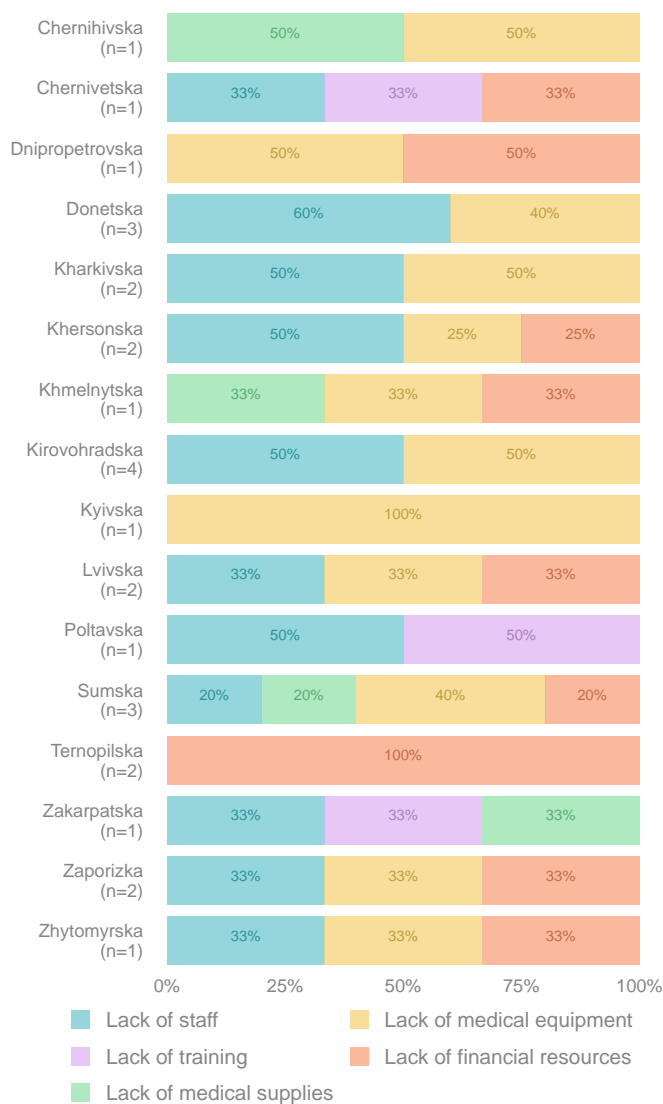
Map excludes HSDUs

SKILLED CARE DURING CHILDBIRTH

Service availability by oblast*



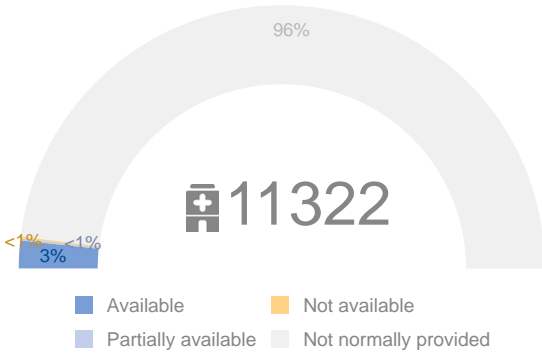
Main barriers impeding service delivery by oblast**



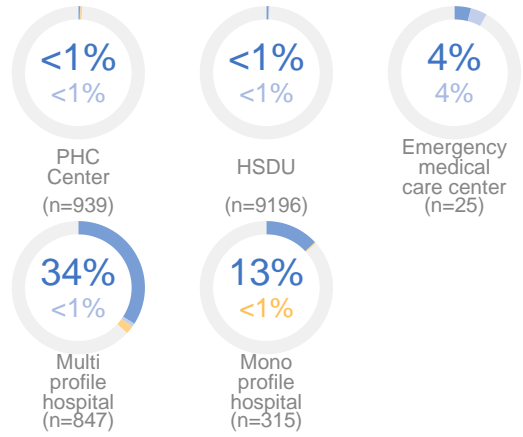
* Chart excludes health facilities where the service is not normally provided.
 ** Chart includes health facilities where the causes/barriers were indicated.

BASIC EMERGENCY OBSTETRIC CARE

Service availability

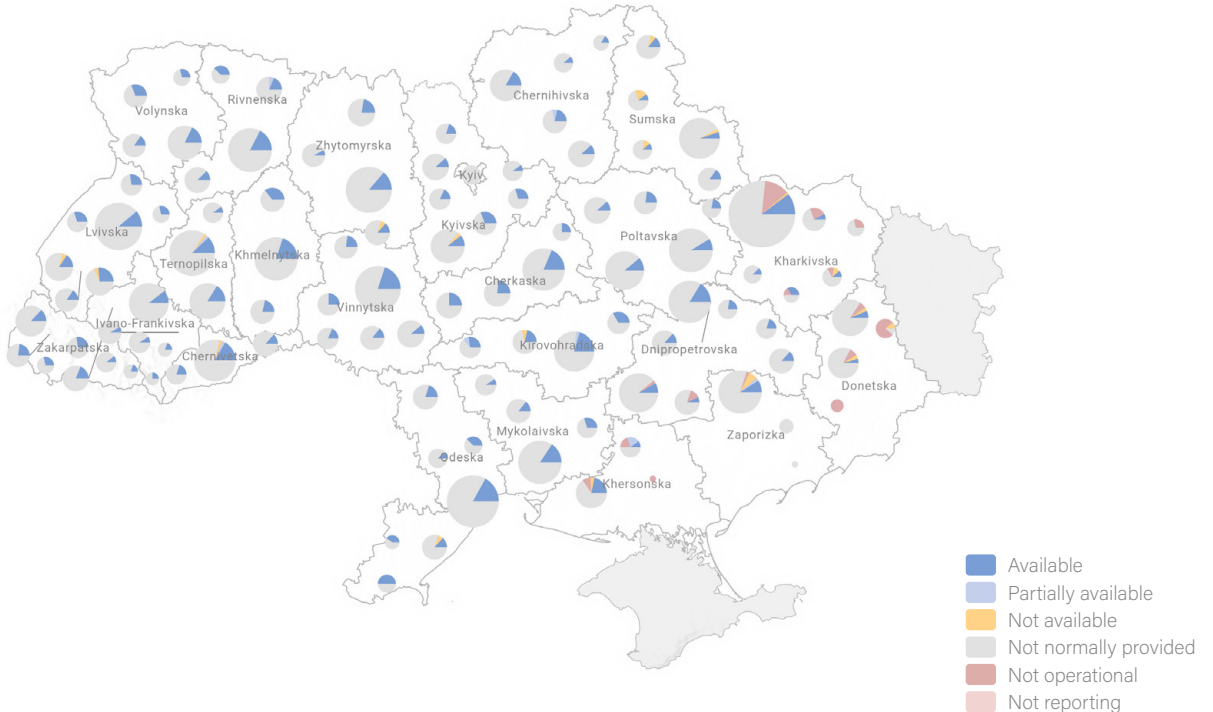
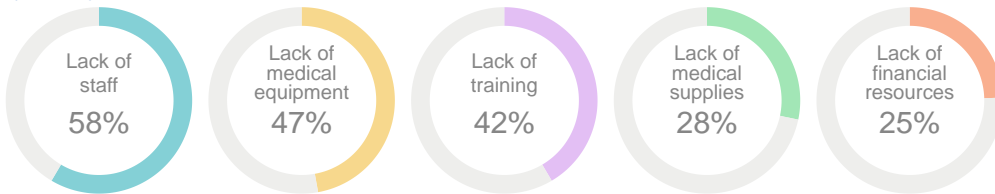


Service availability by health facility type



Main barriers impeding service delivery

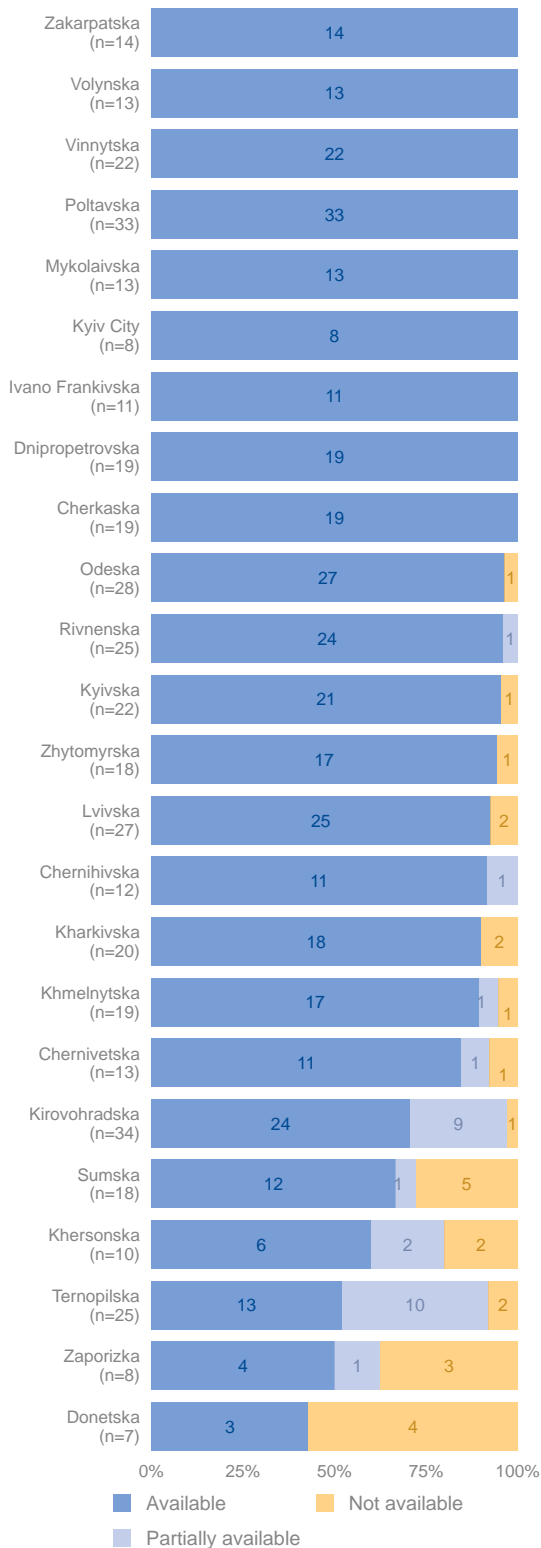
(n = 53)



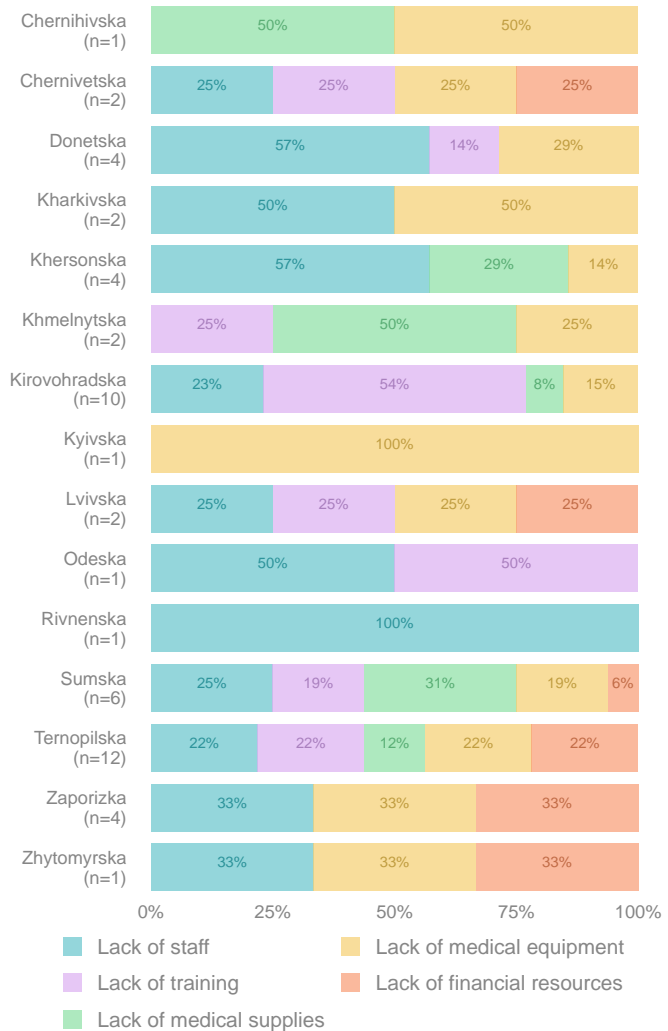
Map excludes HSDUs

BASIC EMERGENCY OBSTETRIC CARE

Service availability by oblast*



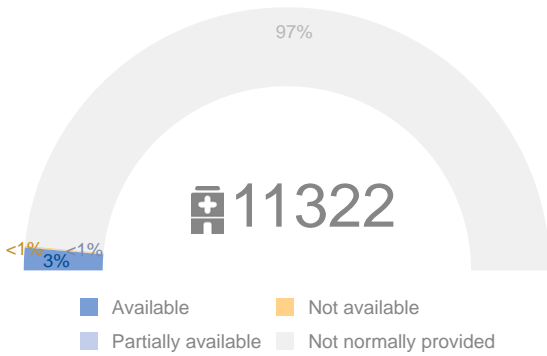
Main barriers impeding service delivery by oblast**



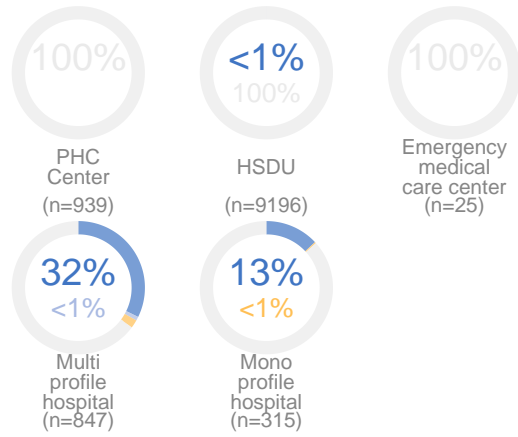
* Chart excludes health facilities where the service is not normally provided.
 ** Chart includes health facilities where the causes/barriers were indicated.

COMPREHENSIVE EMERGENCY OBSTETRIC CARE

Service availability

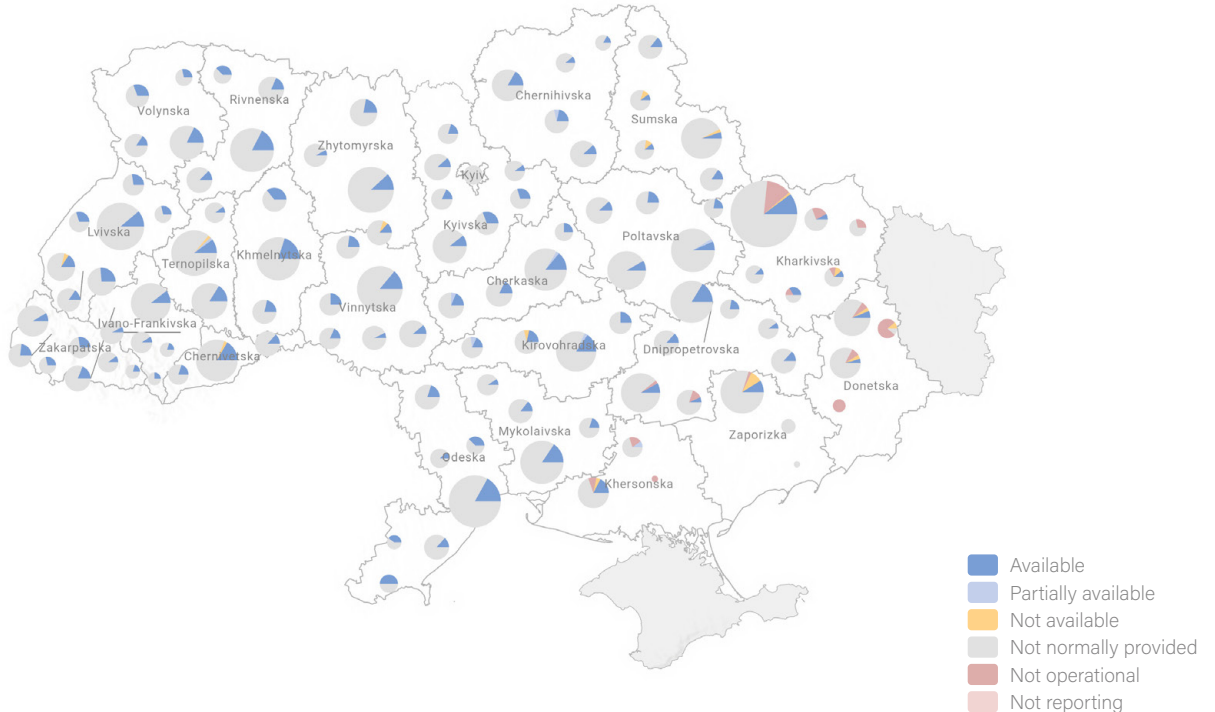


Service availability by health facility type



Main barriers impeding service delivery

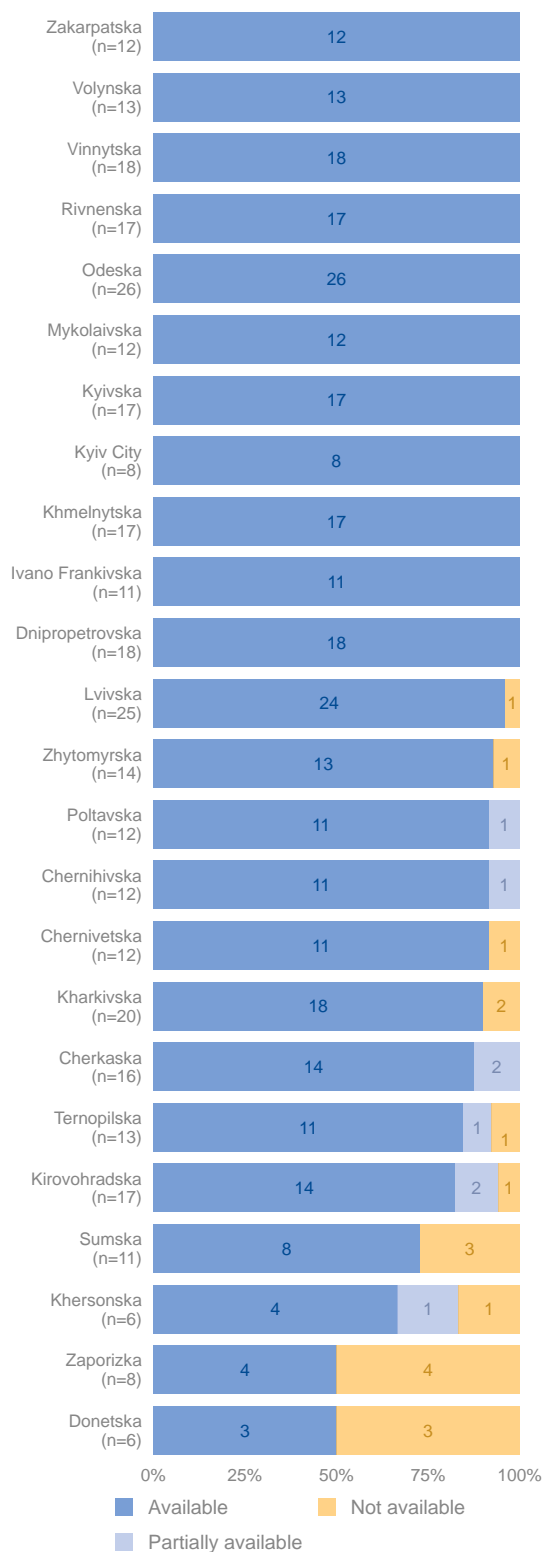
(n = 26)



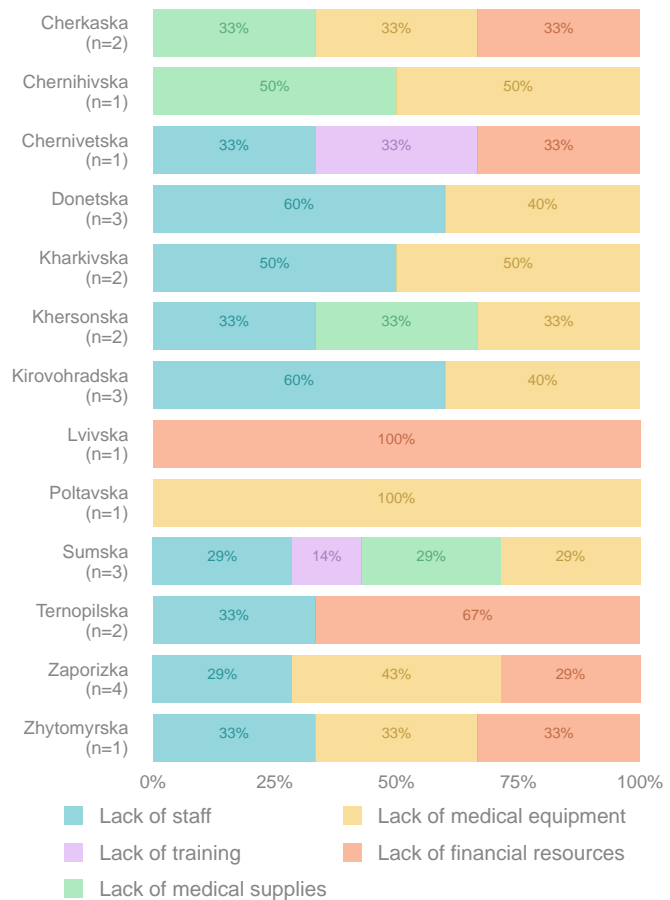
Map excludes HSDUs

COMPREHENSIVE EMERGENCY OBSTETRIC CARE

Service availability by oblast*



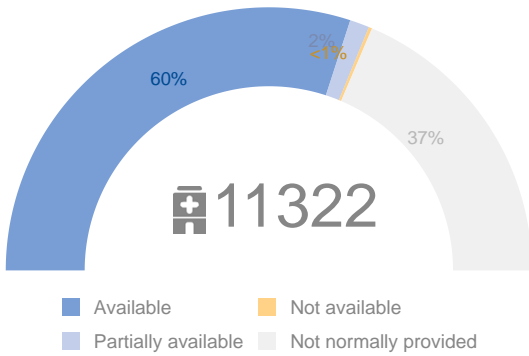
Main barriers impeding service delivery by oblast**



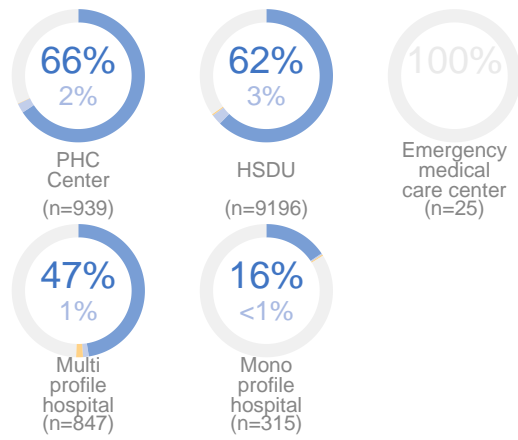
* Chart excludes health facilities where the service is not normally provided.
 ** Chart includes health facilities where the causes/barriers were indicated.

POSTPARTUM CARE

Service availability

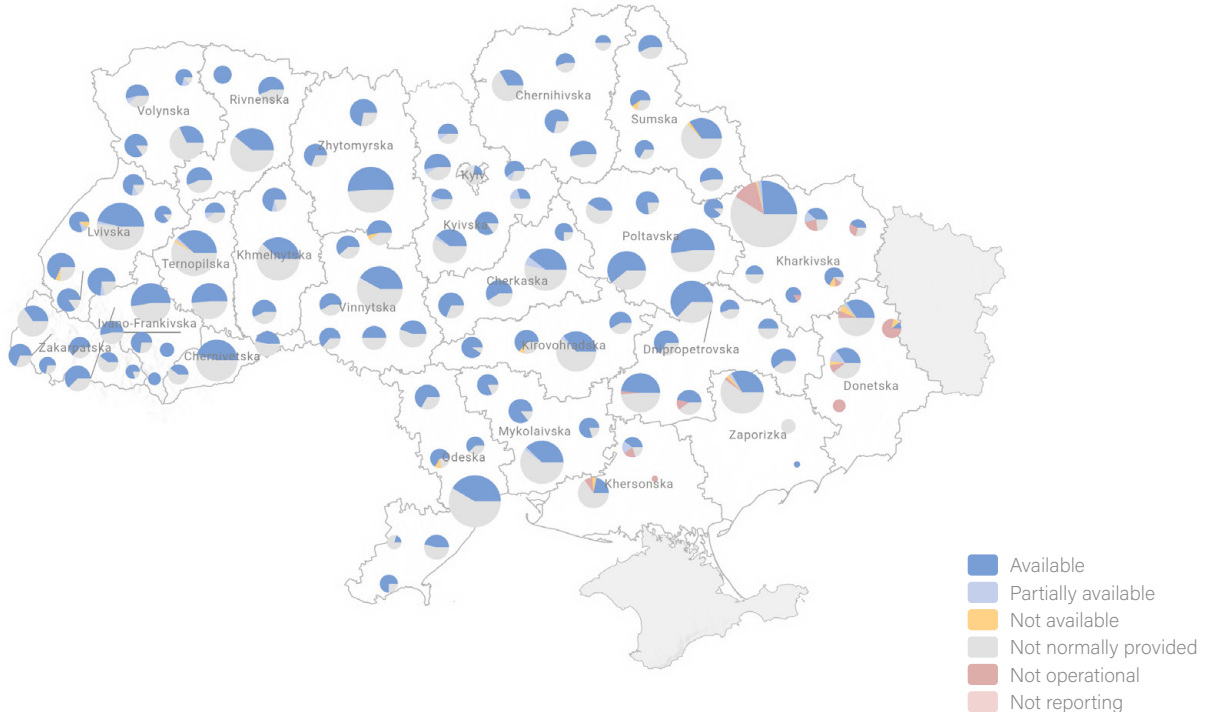
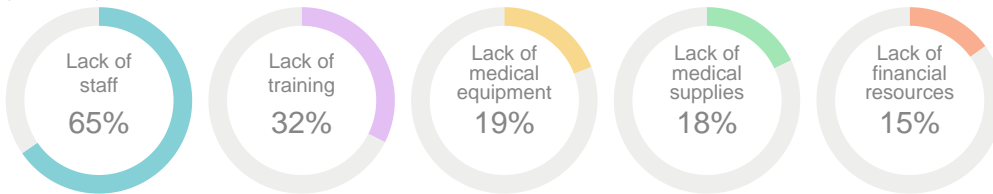


Service availability by health facility type



Main barriers impeding service delivery

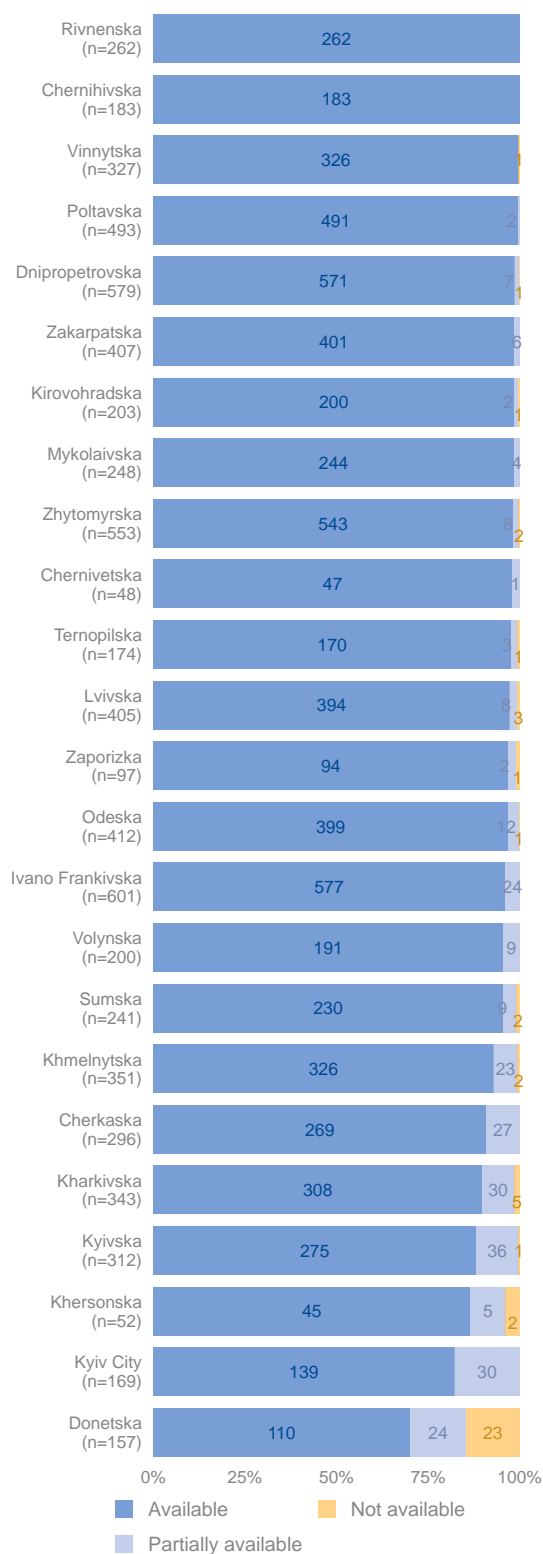
(n = 318)



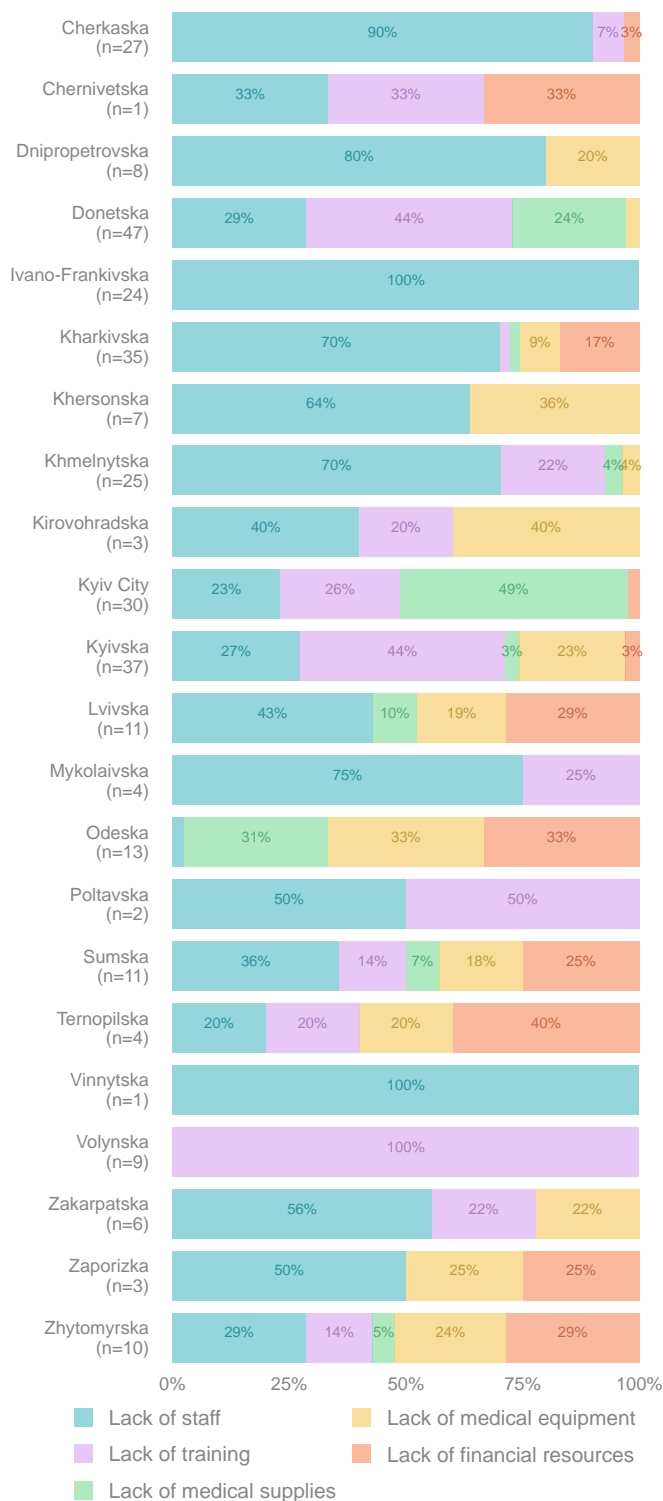
Map excludes HSDUs

POSTPARTUM CARE

Service availability by oblast*



Main barriers impeding service delivery by oblast**



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

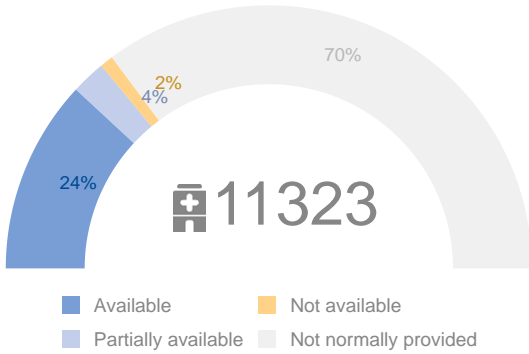
** Chart includes health facilities where the causes/barriers were indicated.

SEXUAL AND REPRODUCTIVE HEALTH (SEXUAL VIOLENCE)

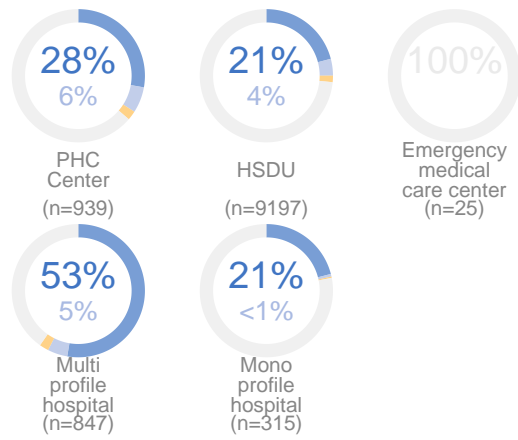


CLINICAL MANAGEMENT OF RAPE SURVIVORS

Service availability

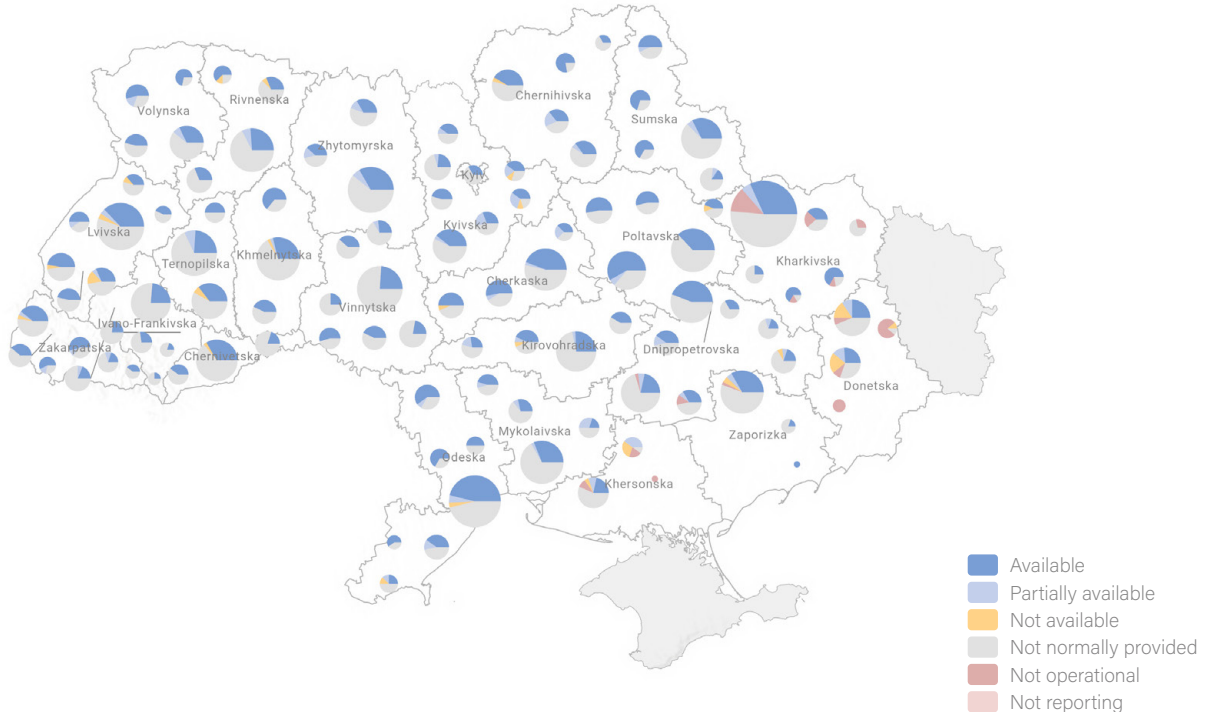


Service availability by health facility type



Main barriers impeding service delivery

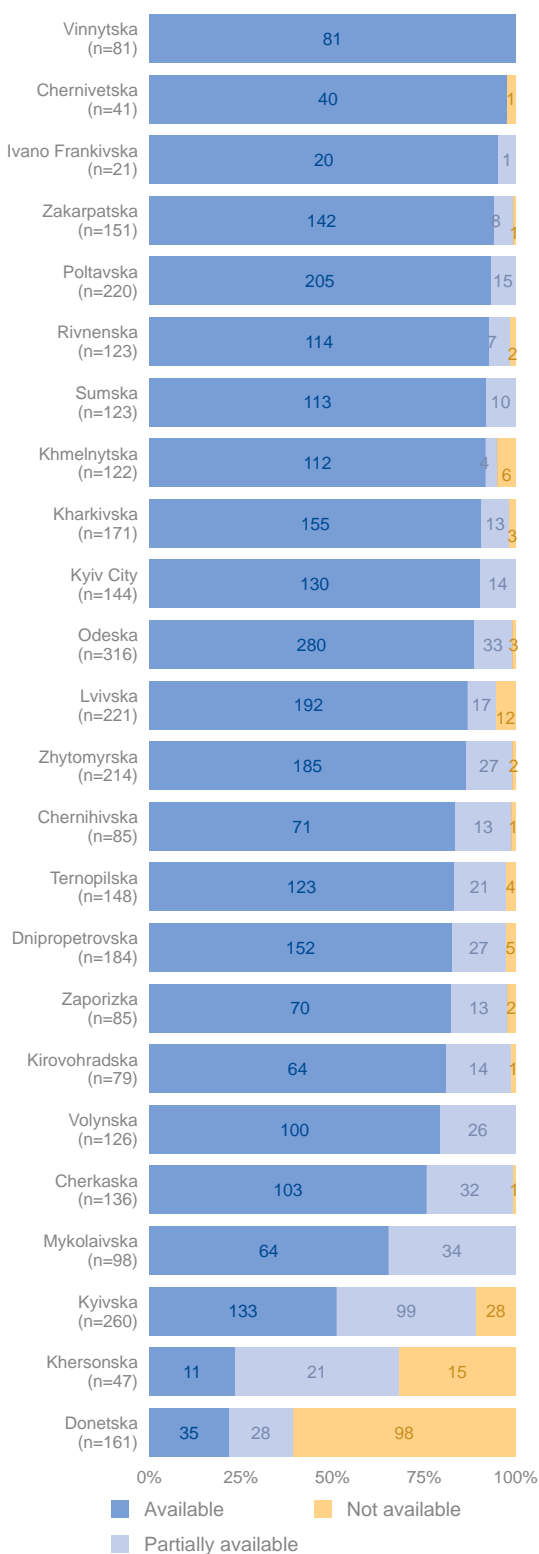
(n = 662)



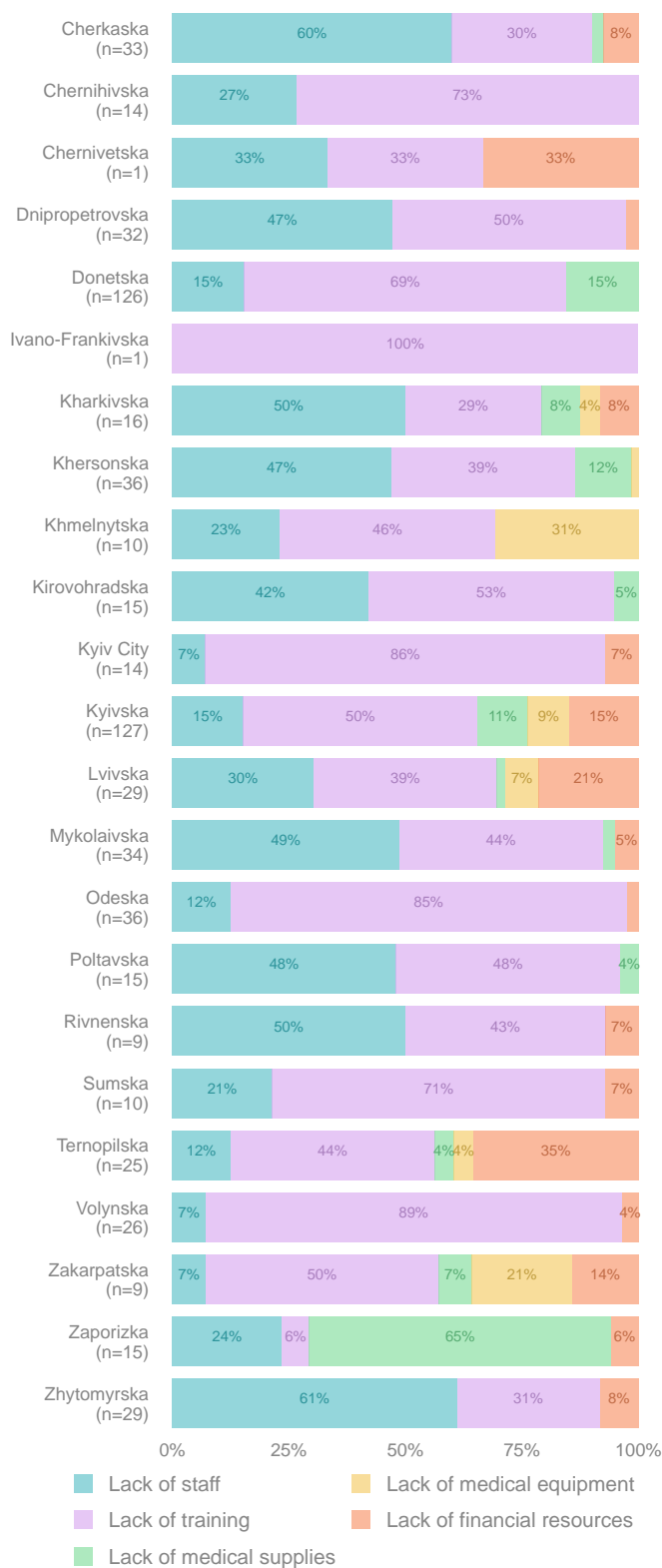
Map excludes HSDUs

CLINICAL MANAGEMENT OF RAPE SURVIVORS

Service availability by oblast*



Main barriers impeding service delivery by oblast**

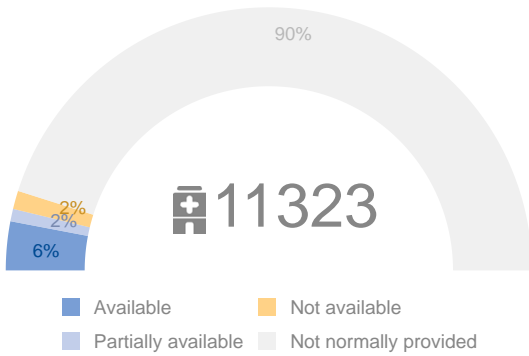


* Chart excludes health facilities where the service is not normally provided.

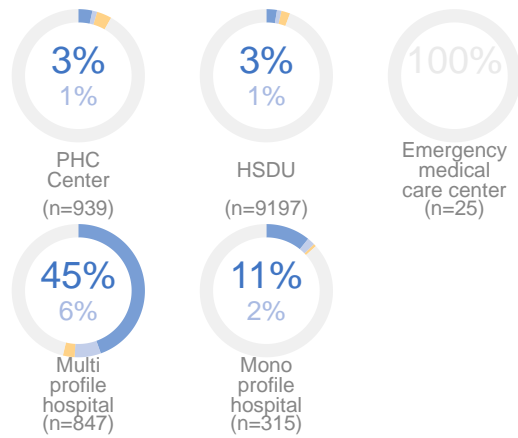
** Chart includes health facilities where the causes/barriers were indicated.

EMERGENCY CONTRACEPTION

Service availability

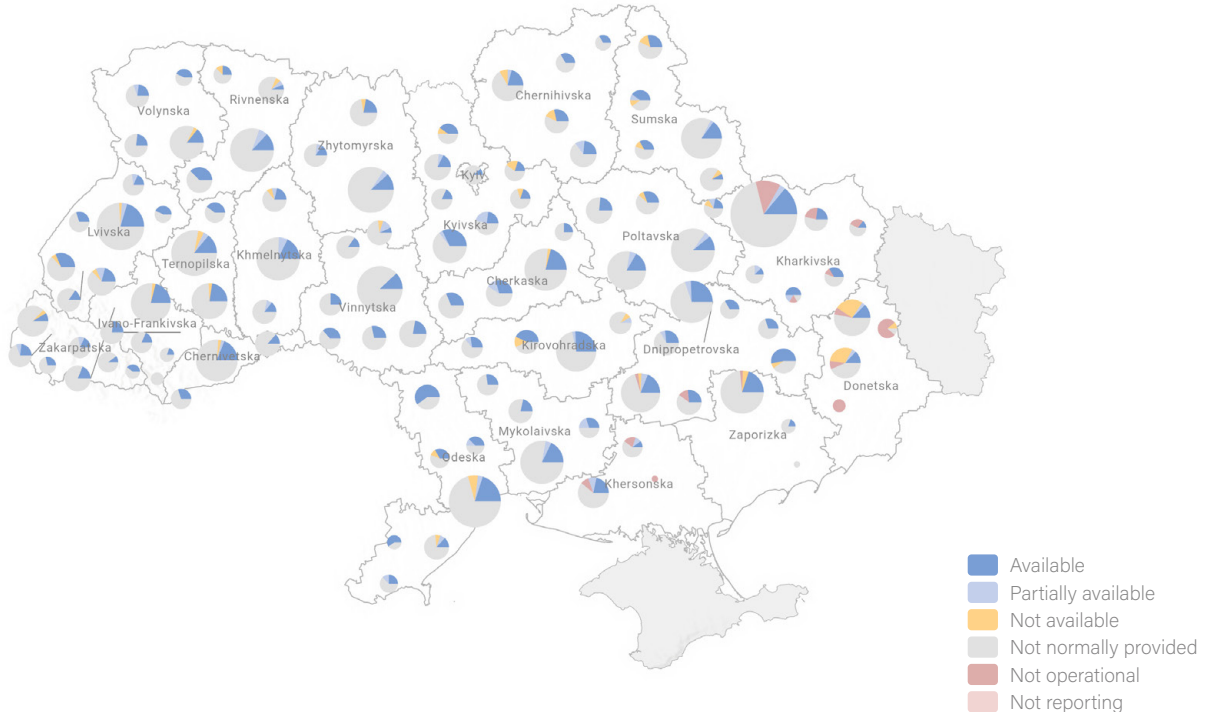


Service availability by health facility type



Main barriers impeding service delivery

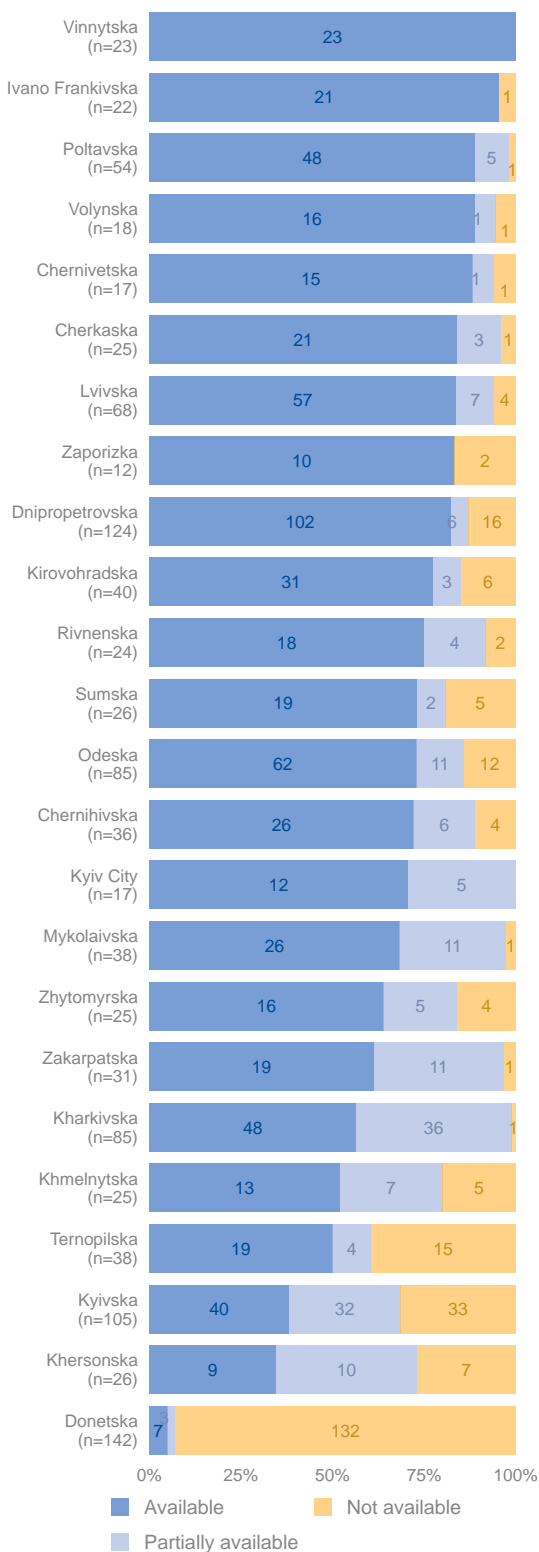
(n = 428)



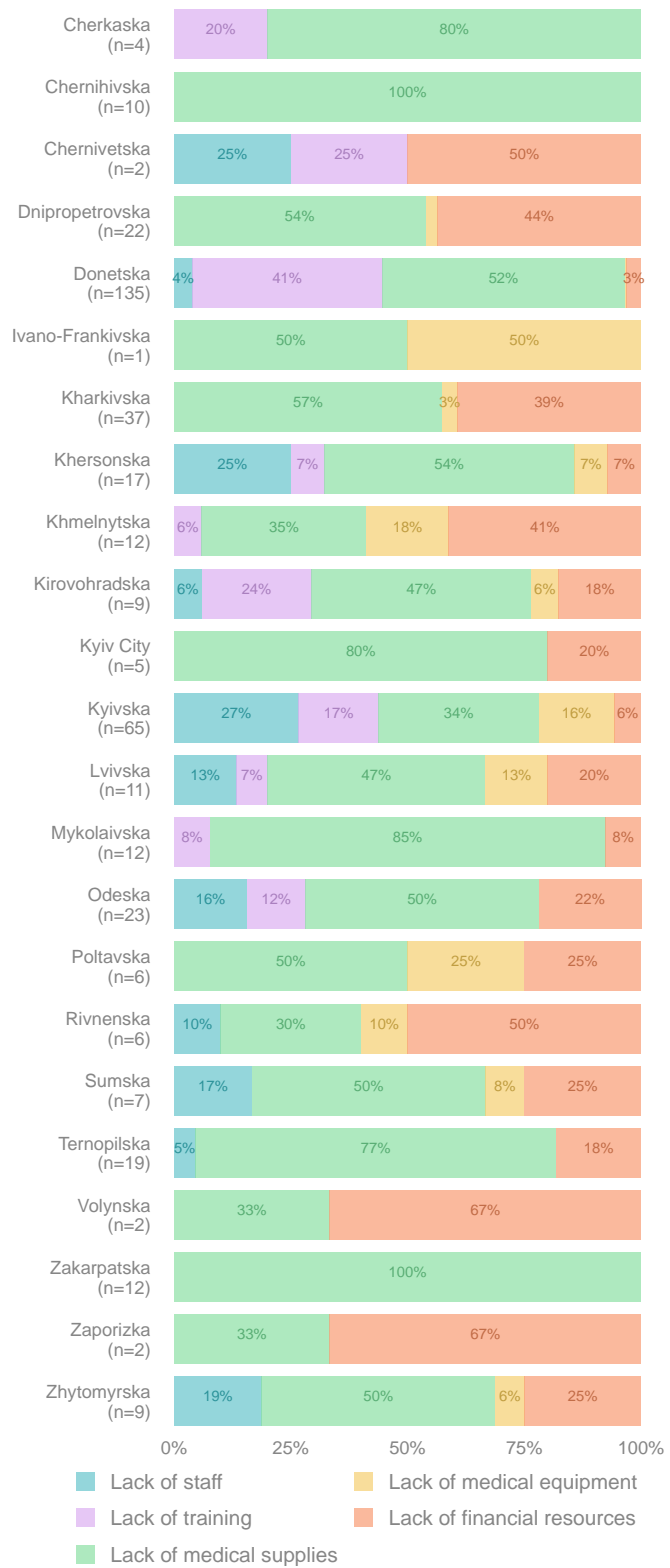
Map excludes HSDUs

EMERGENCY CONTRACEPTION

Service availability by oblast*



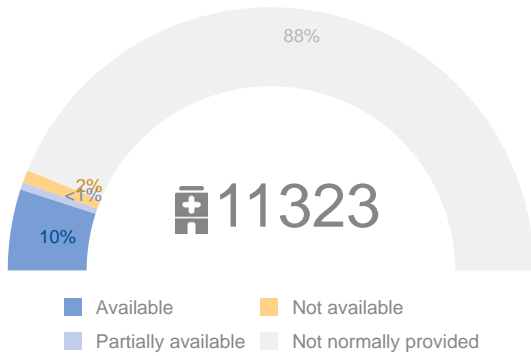
Main barriers impeding service delivery by oblast**



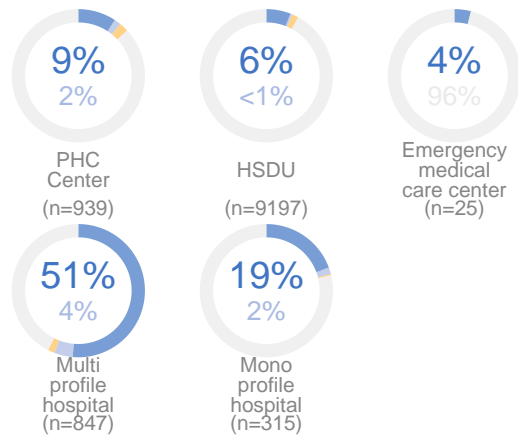
* Chart excludes health facilities where the service is not normally provided.
 ** Chart includes health facilities where the causes/barriers were indicated.

POST-EXPOSURE PROPHYLAXIS

Service availability

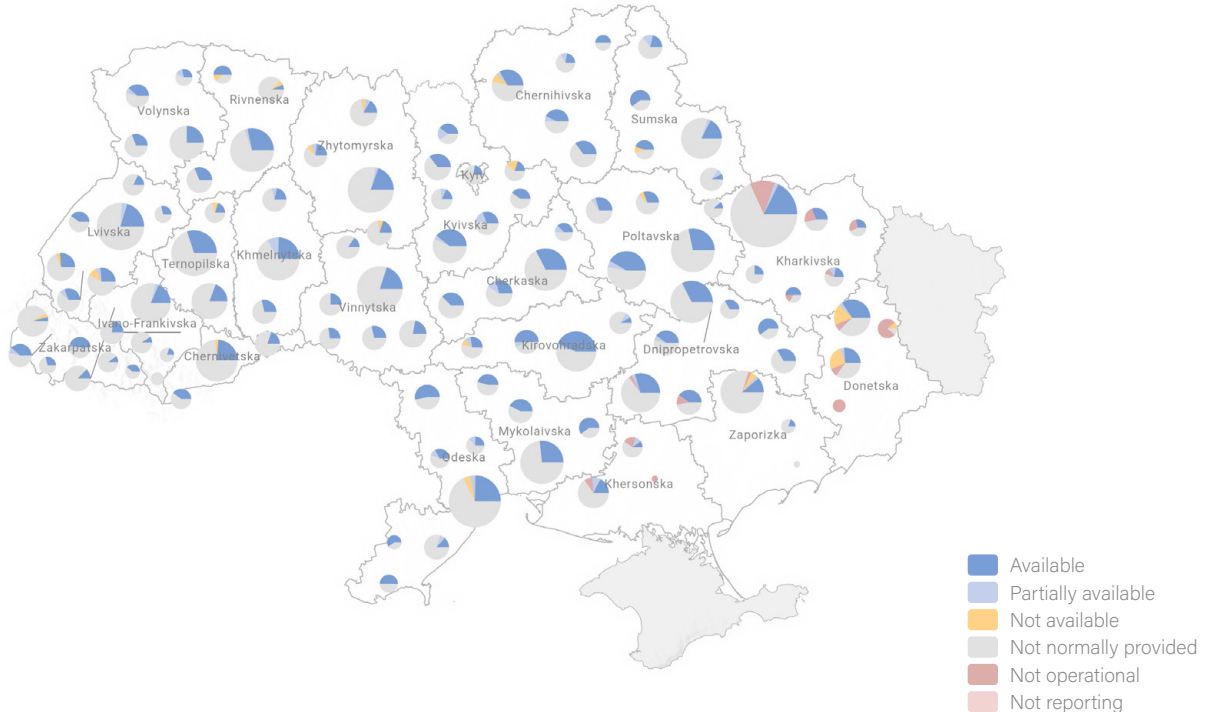


Service availability by health facility type



Main barriers impeding service delivery

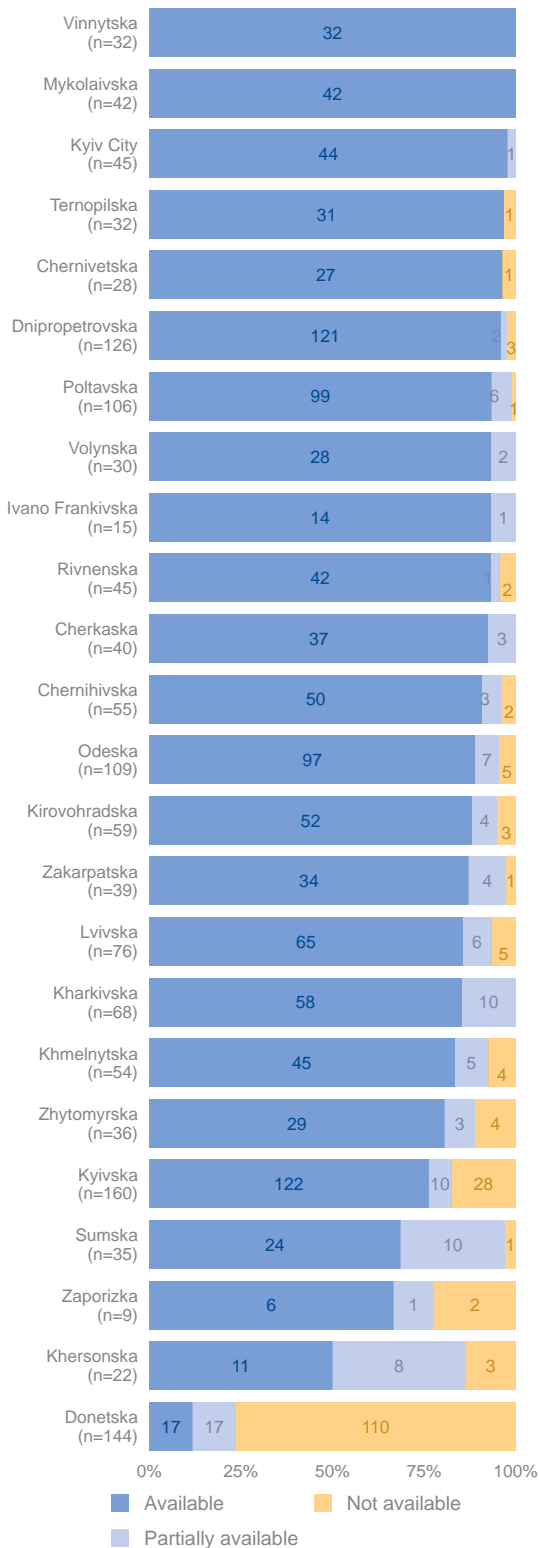
(n = 280)



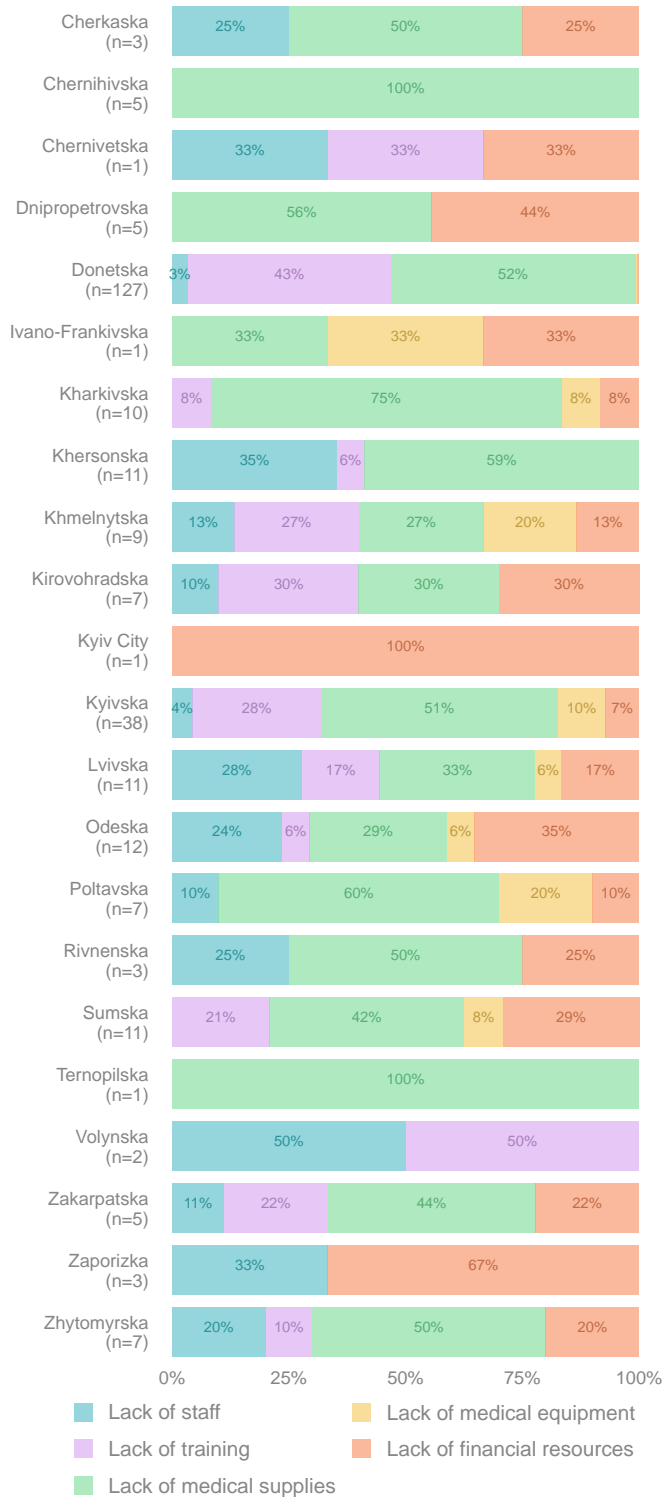
Map excludes HSDUs

POST-EXPOSURE PROPHYLAXIS

Service availability by oblast*



Main barriers impeding service delivery by oblast**



* Chart excludes health facilities where the service is not normally provided.
 ** Chart includes health facilities where the causes/barriers were indicated.

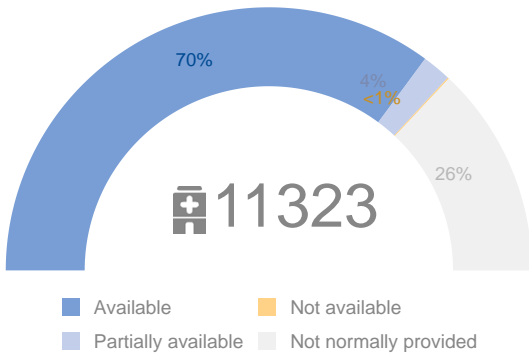


NONCOMMUNICABLE DISEASES (NCDS)

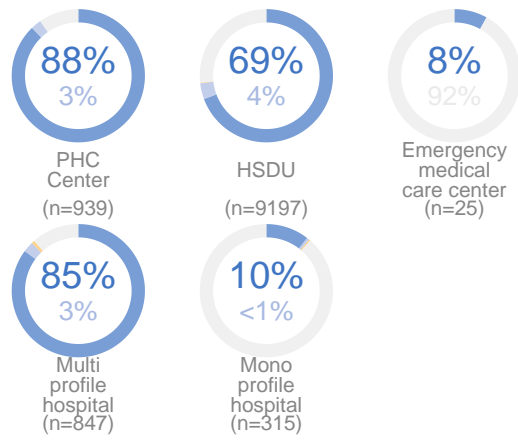


ASTHMA AND CHRONIC OBSTRUCTIVE PULMONARY

Service availability

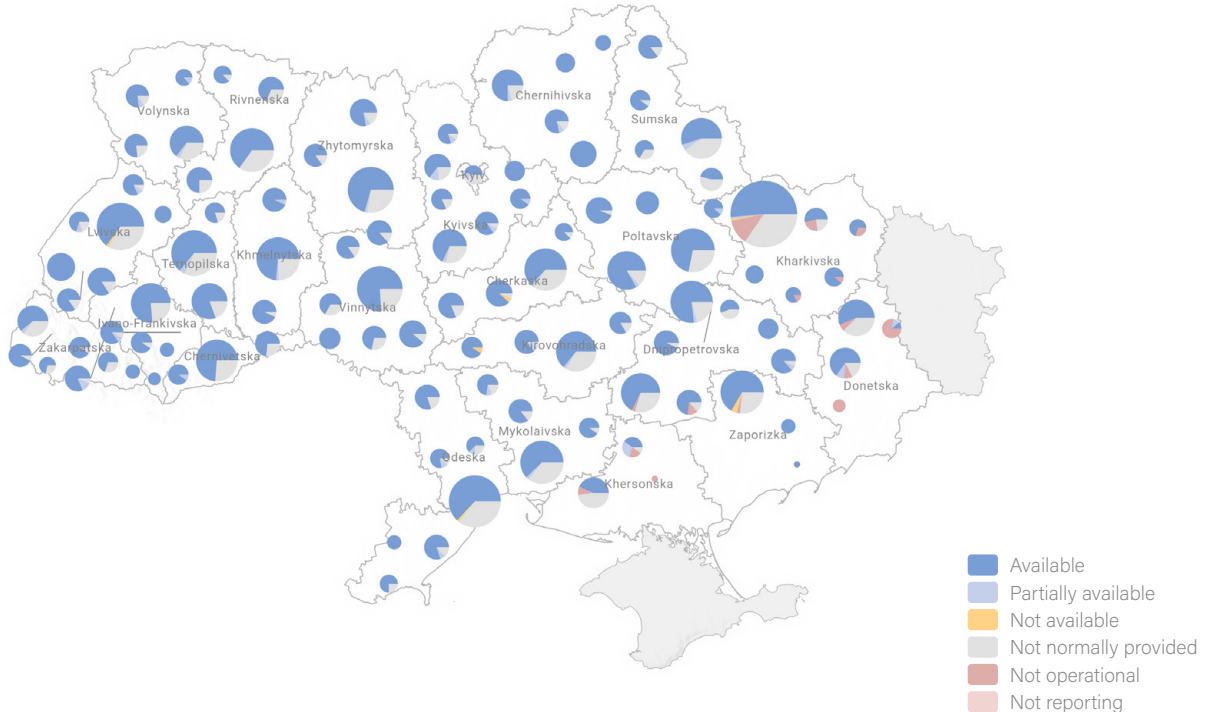
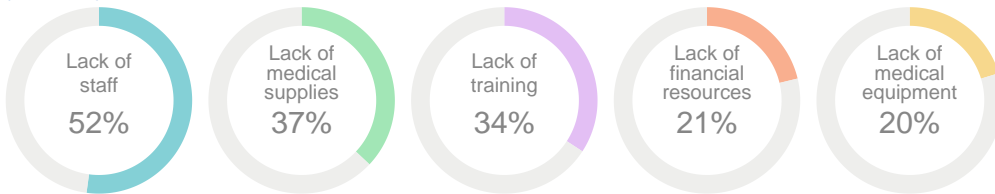


Service availability by health facility type



Main barriers impeding service delivery

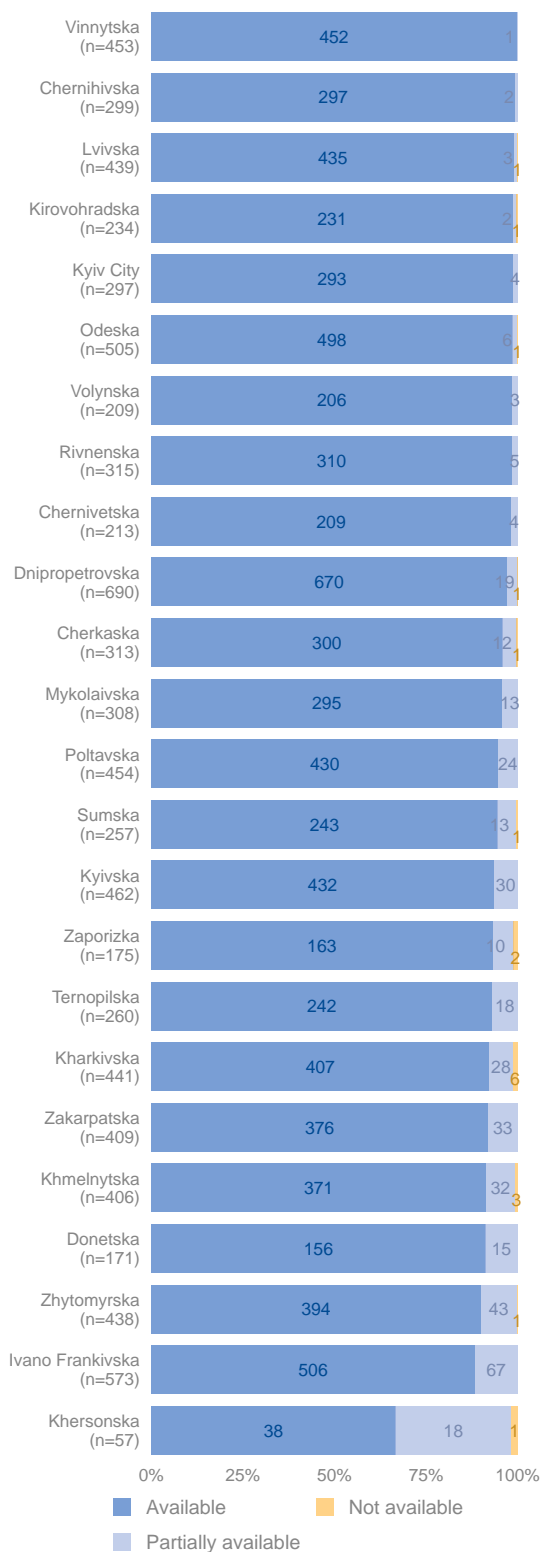
(n = 424)



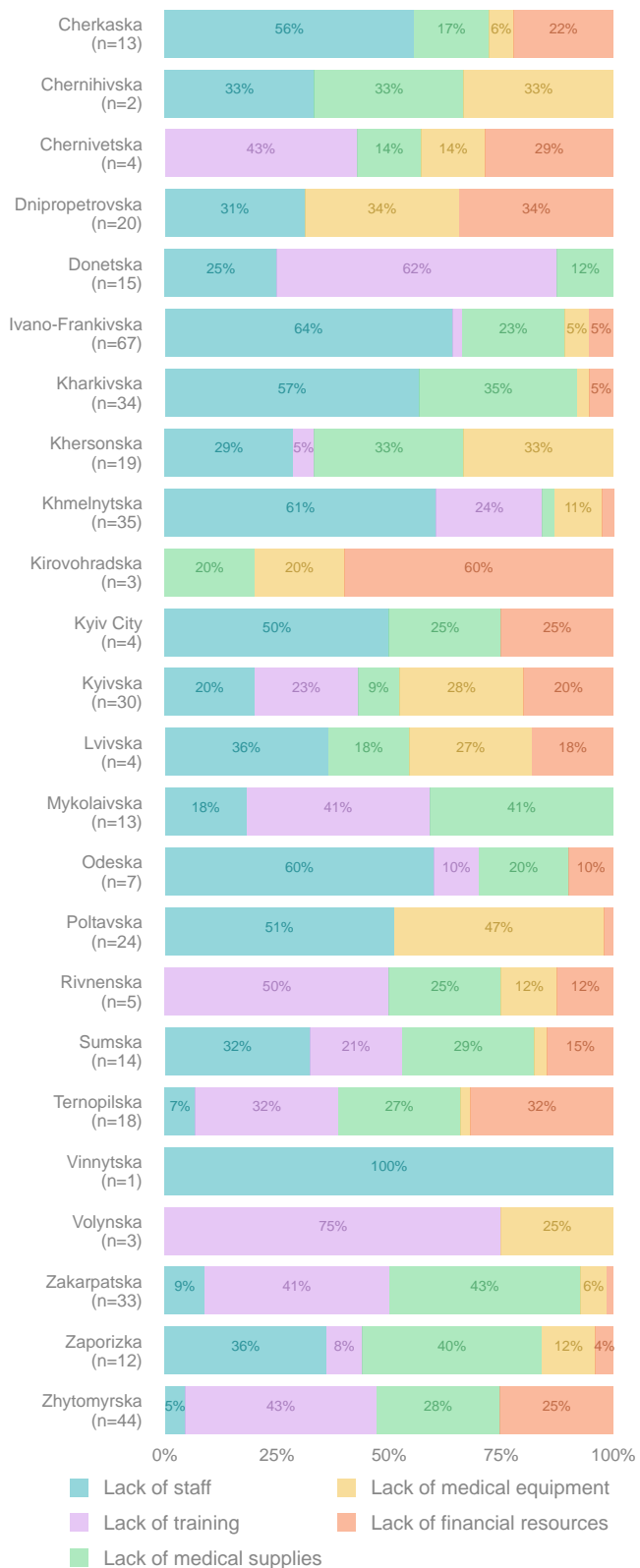
Map excludes HSDUs

ASTHMA AND CHRONIC OBSTRUCTIVE PULMONARY

Service availability by oblast*



Main barriers impeding service delivery by oblast**

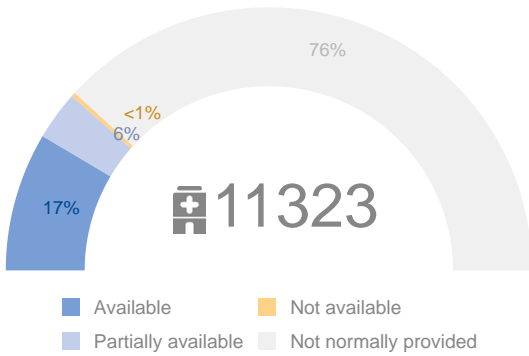


* Chart excludes health facilities where the service is not normally provided.

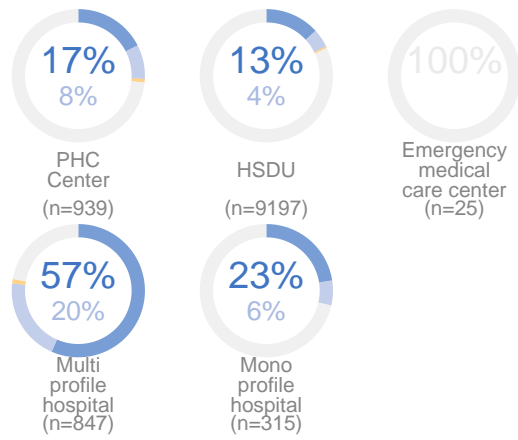
** Chart includes health facilities where the causes/barriers were indicated.

AVAILABILITY OF CANCER DIAGNOSTICS SERVICES

Service availability

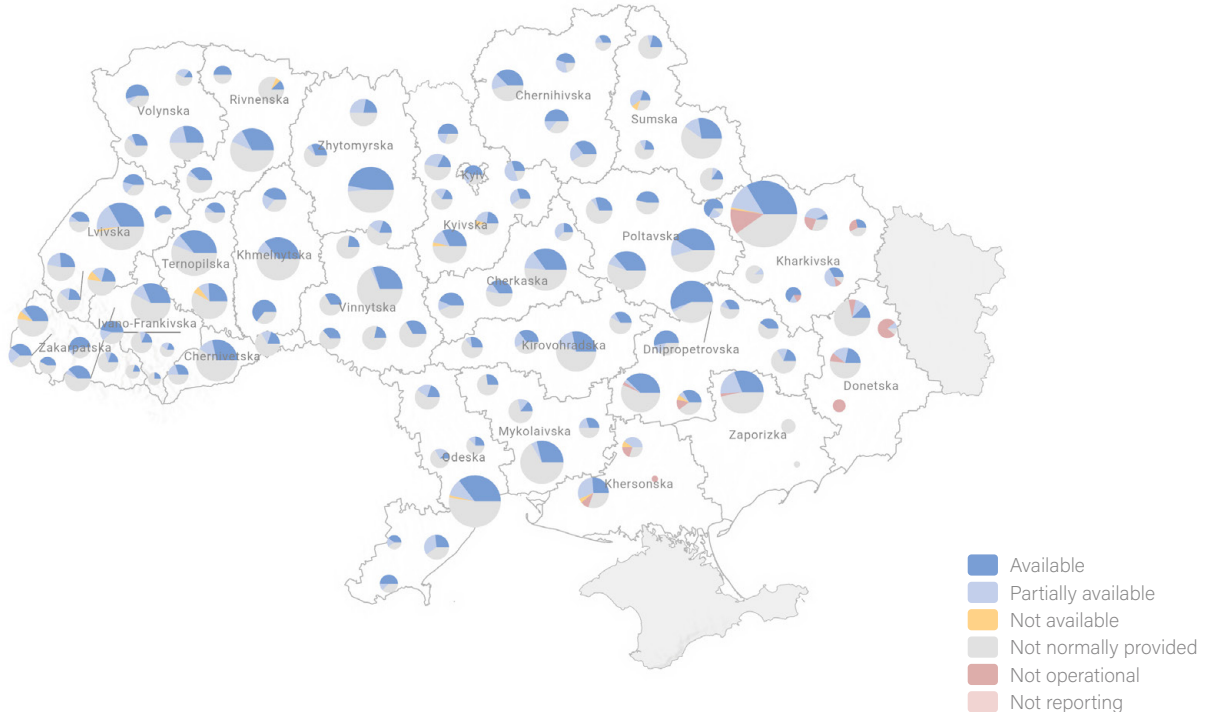
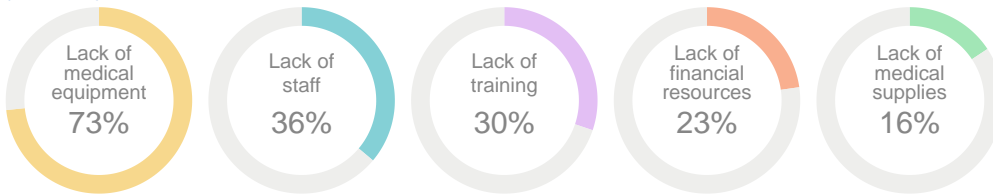


Service availability by health facility type



Main barriers impeding service delivery

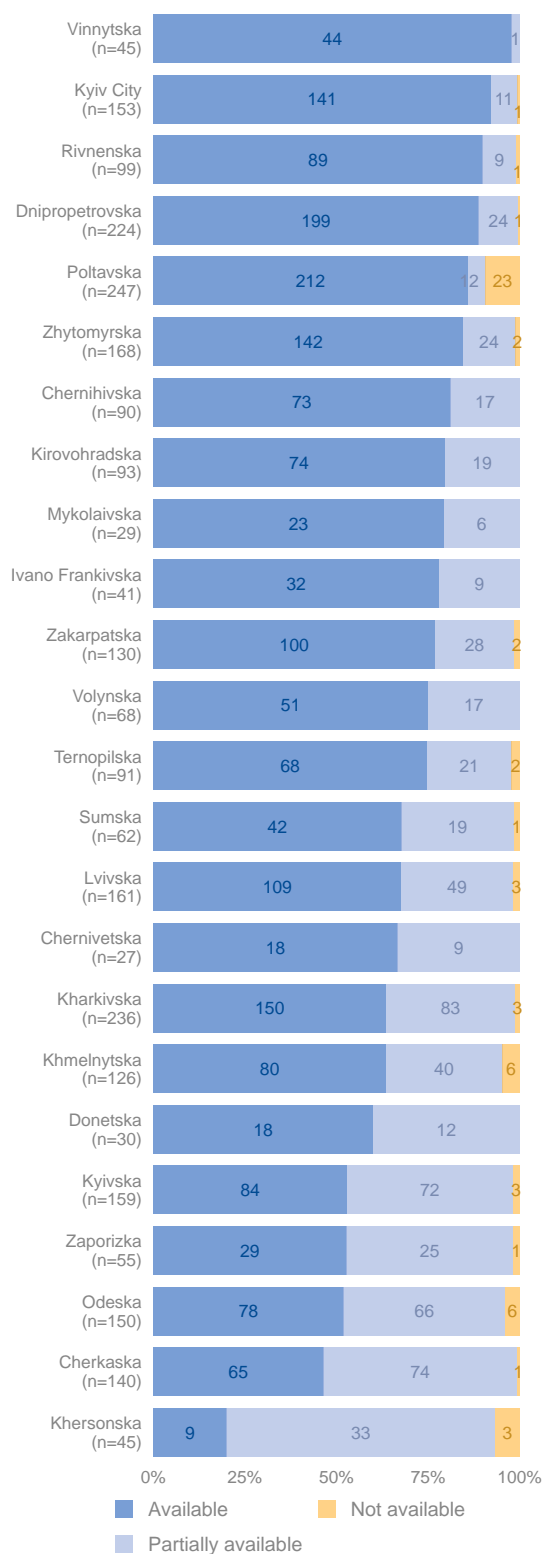
(n = 739)



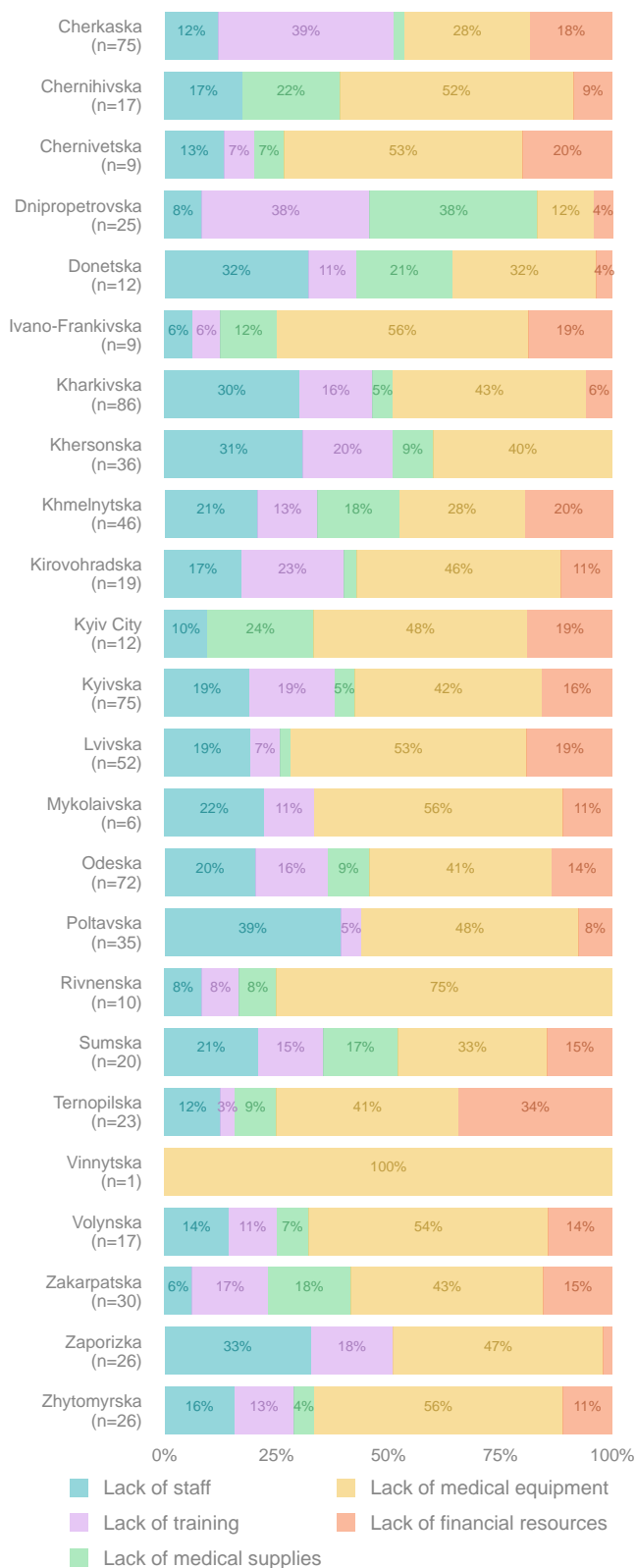
Map excludes HSDUs

AVAILABILITY OF CANCER DIAGNOSTICS SERVICES

Service availability by oblast*



Main barriers impeding service delivery by oblast**

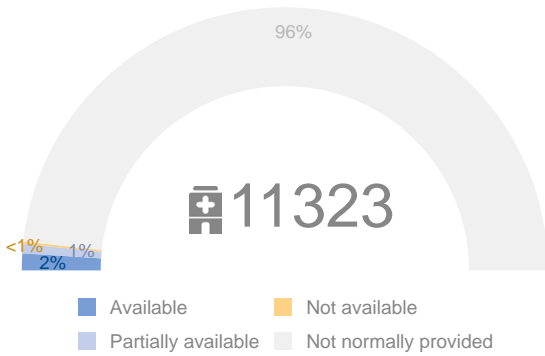


* Chart excludes health facilities where the service is not normally provided.

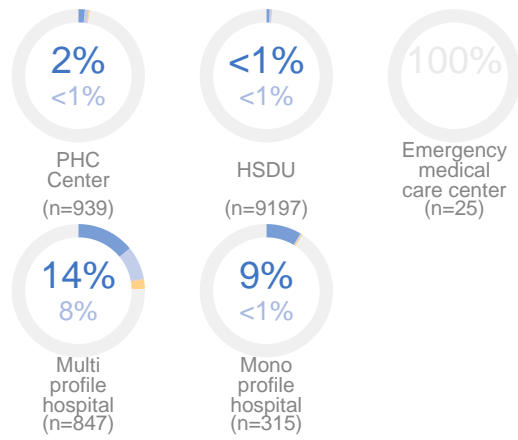
** Chart includes health facilities where the causes/barriers were indicated.

AVAILABILITY OF CANCER TREATMENT SERVICES

Service availability

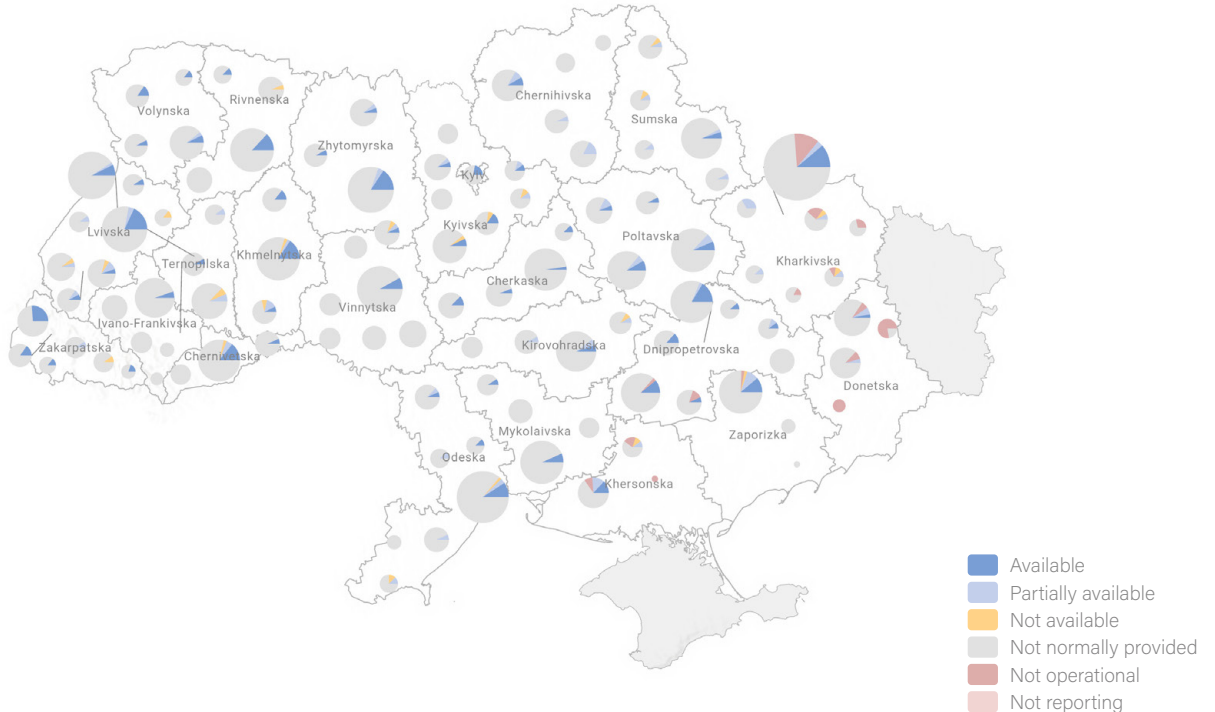
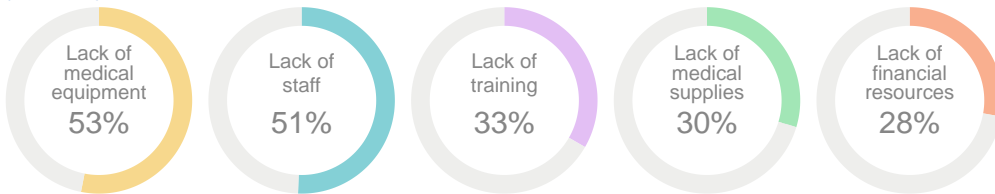


Service availability by health facility type



Main barriers impeding service delivery

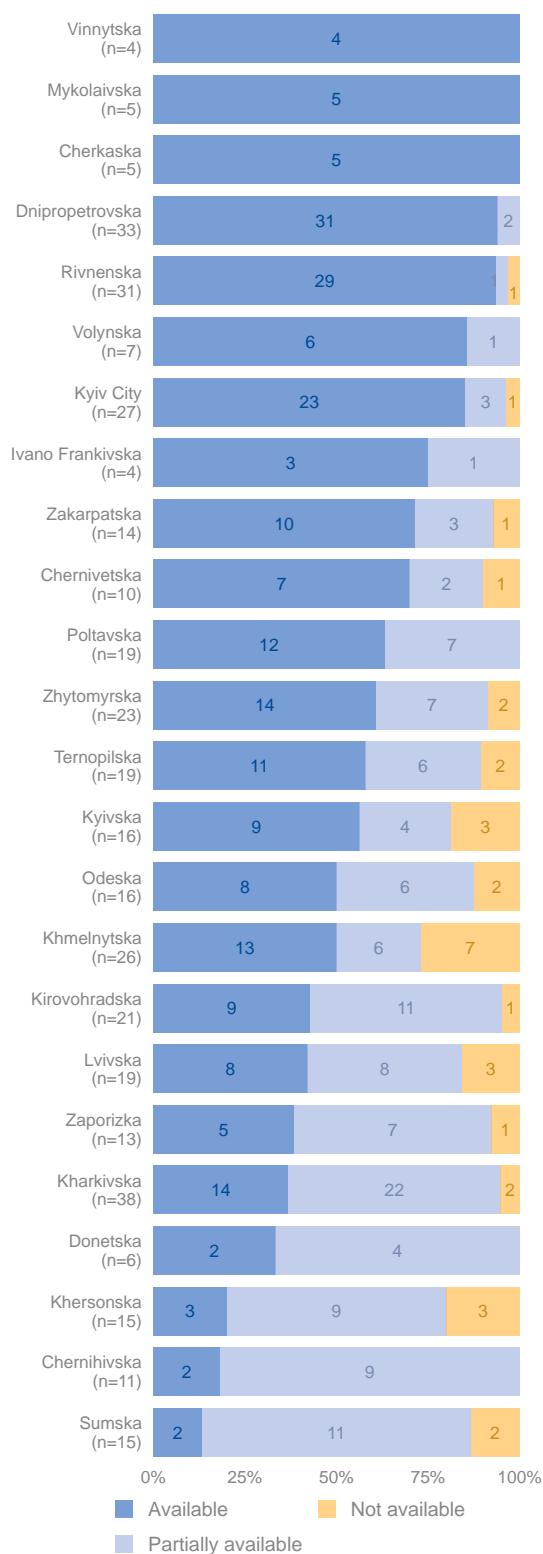
(n = 162)



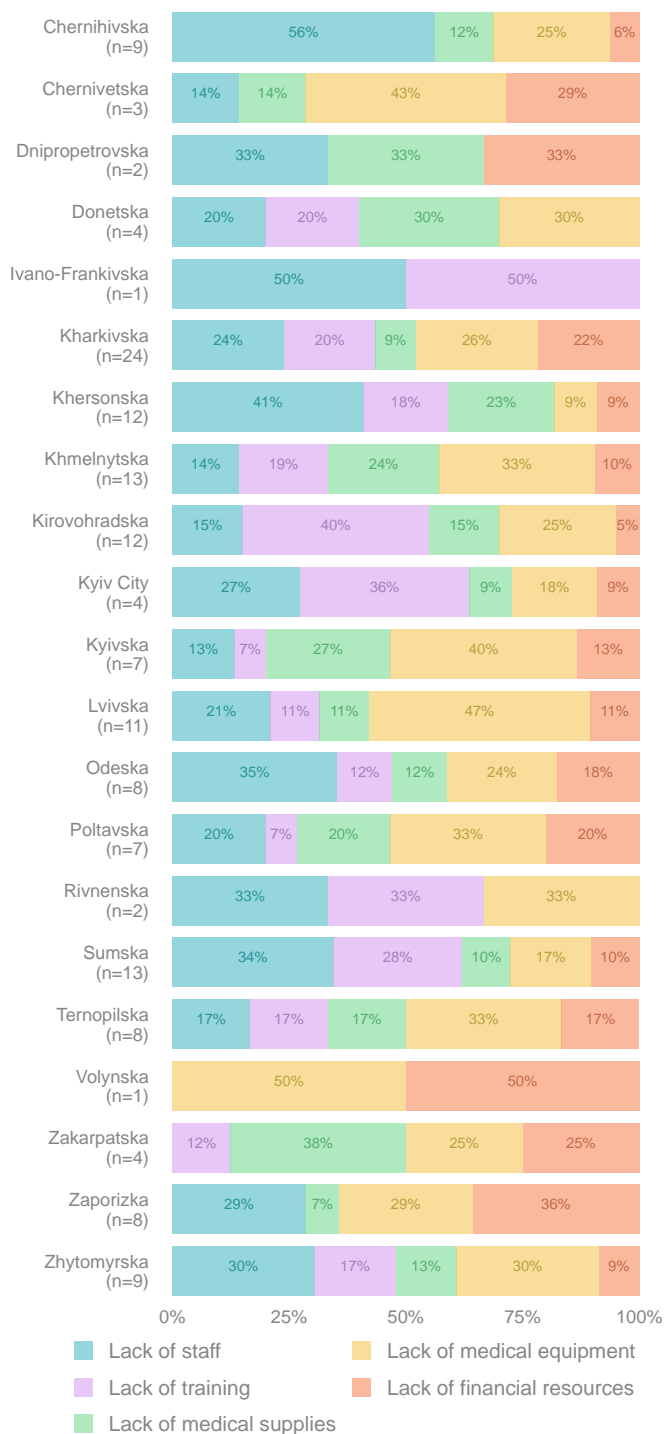
Map excludes HSDUs

AVAILABILITY OF CANCER TREATMENT SERVICES

Service availability by oblast*



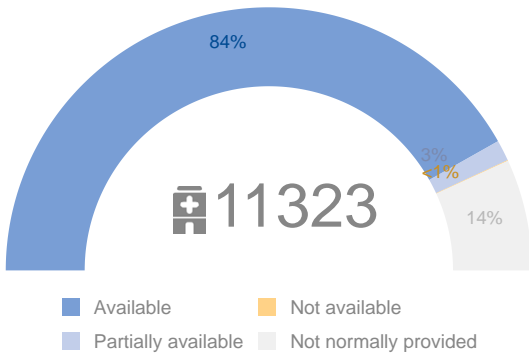
Main barriers impeding service delivery by oblast**



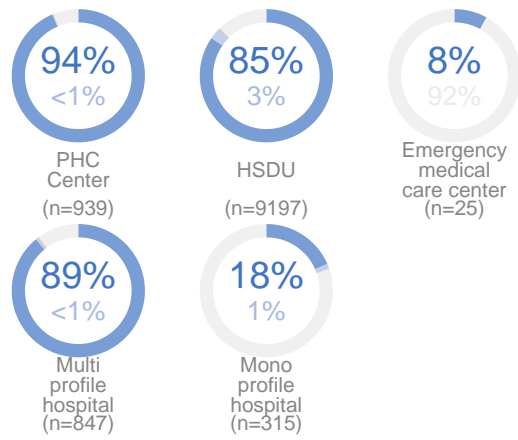
* Chart excludes health facilities where the service is not normally provided.
 ** Chart includes health facilities where the causes/barriers were indicated.

HYPERTENSION

Service availability

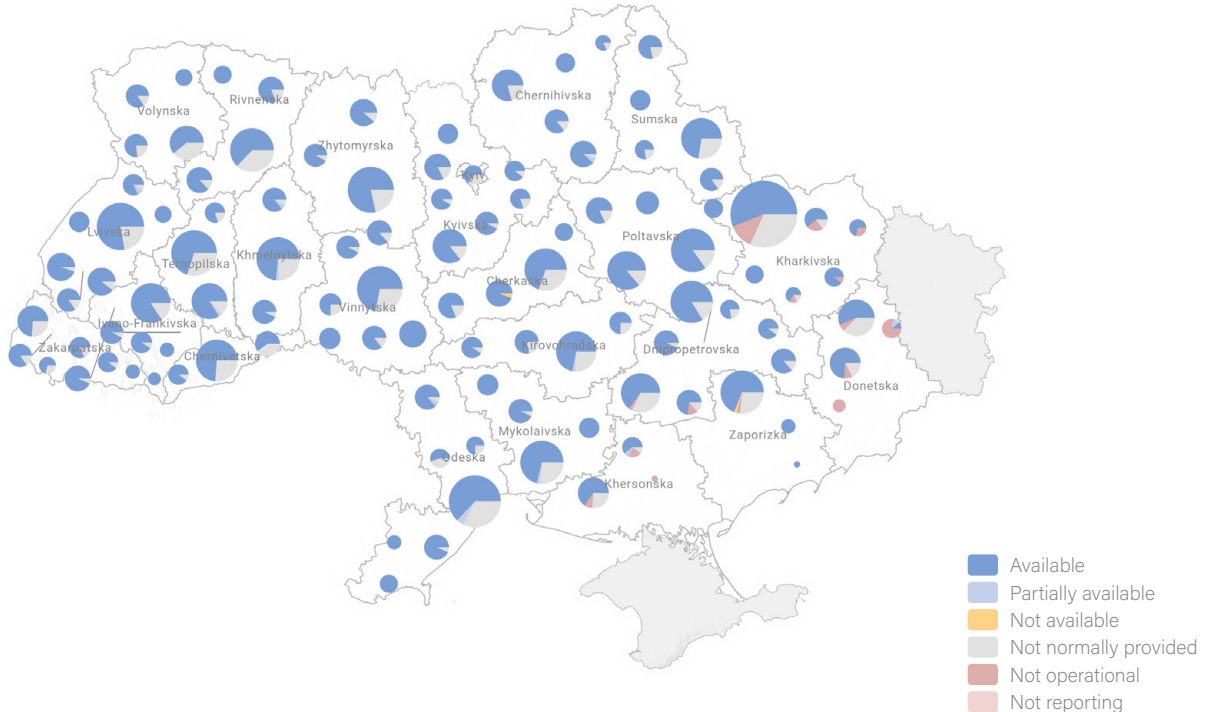
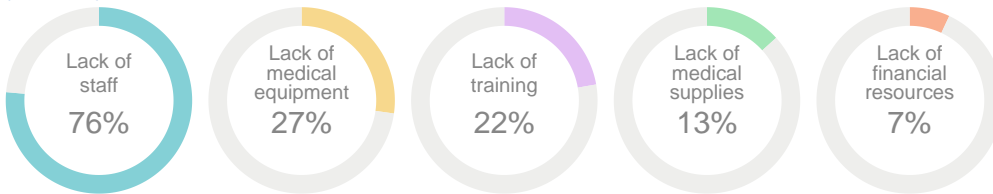


Service availability by health facility type



Main barriers impeding service delivery

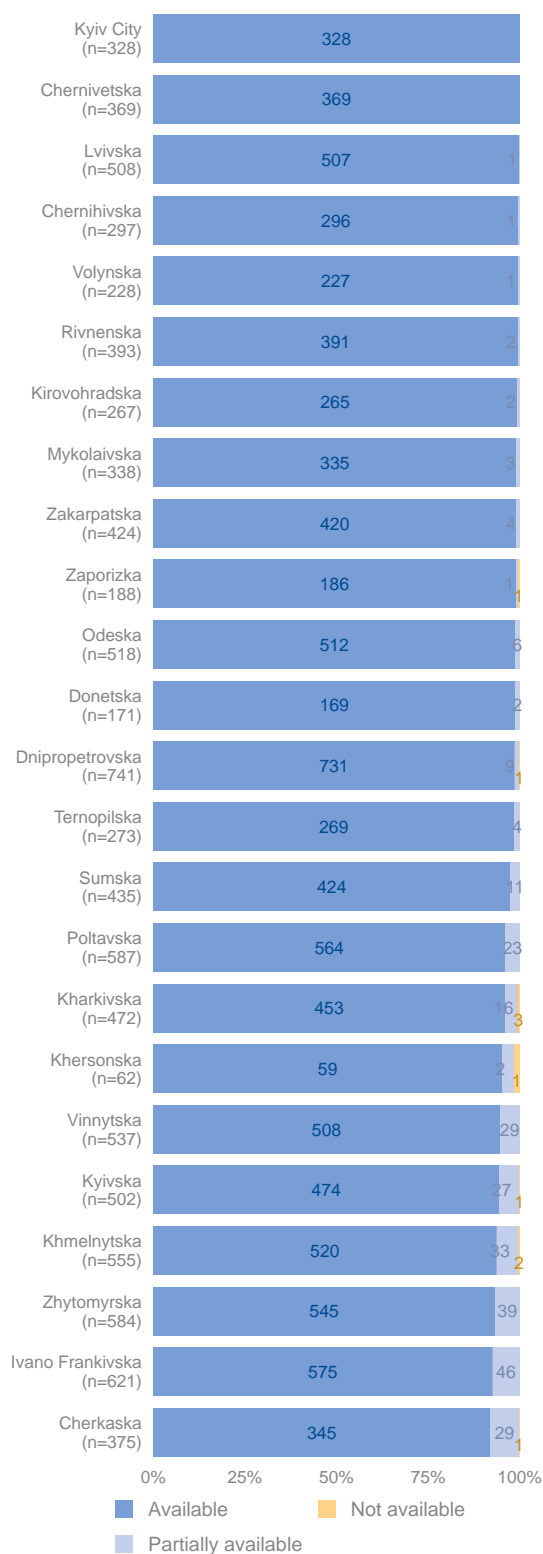
(n = 301)



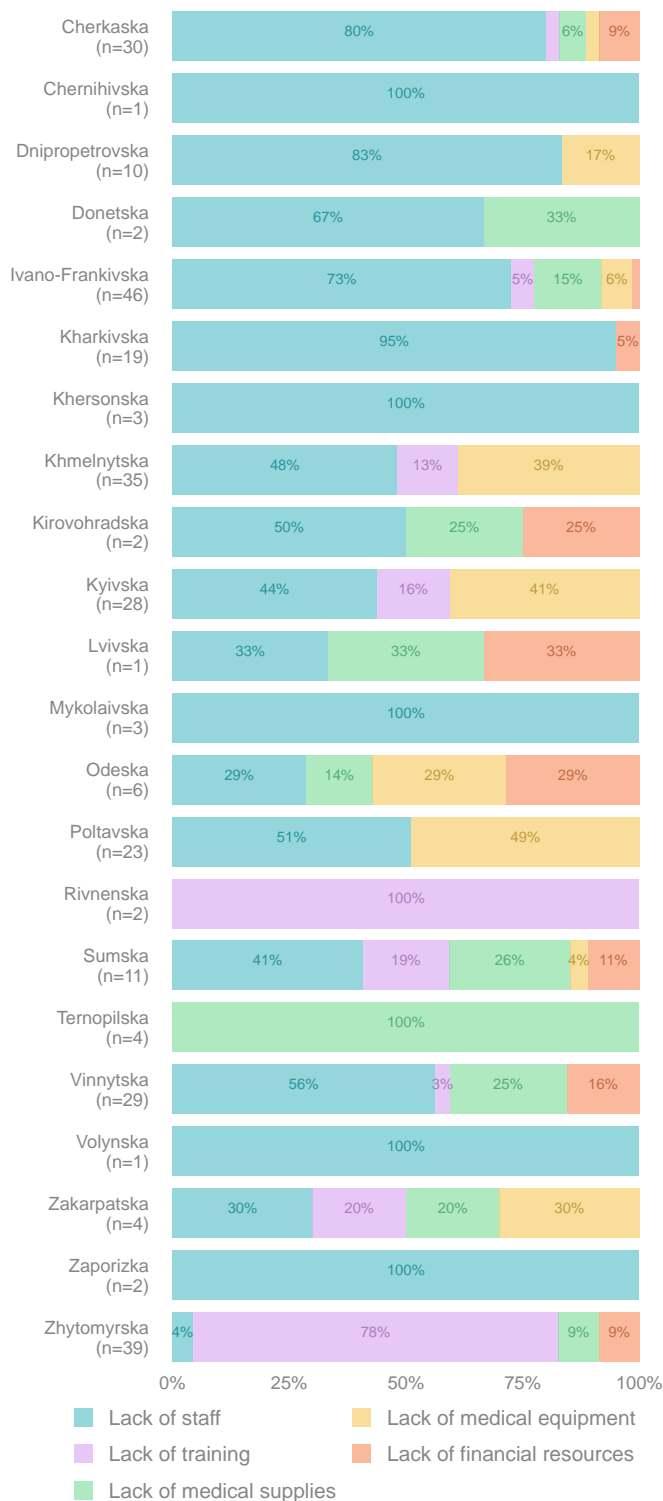
Map excludes HSDUs

HYPERTENSION

Service availability by oblast*



Main barriers impeding service delivery by oblast**

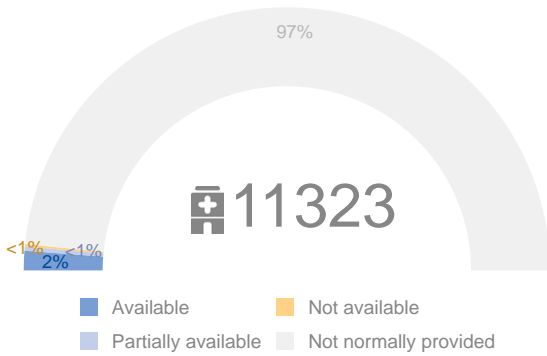


* Chart excludes health facilities where the service is not normally provided.

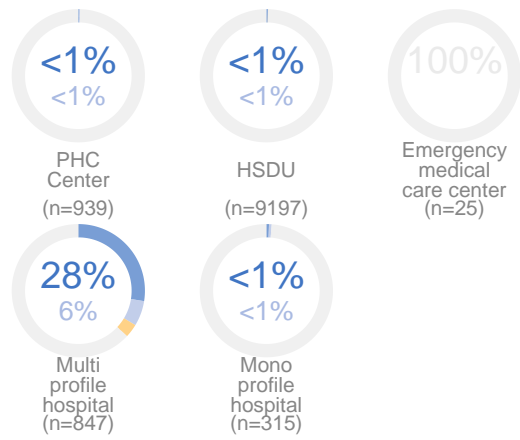
** Chart includes health facilities where the causes/barriers were indicated.

MEDICAL ASSISTANCE IN ACUTE CEREBRAL STROKE

Service availability

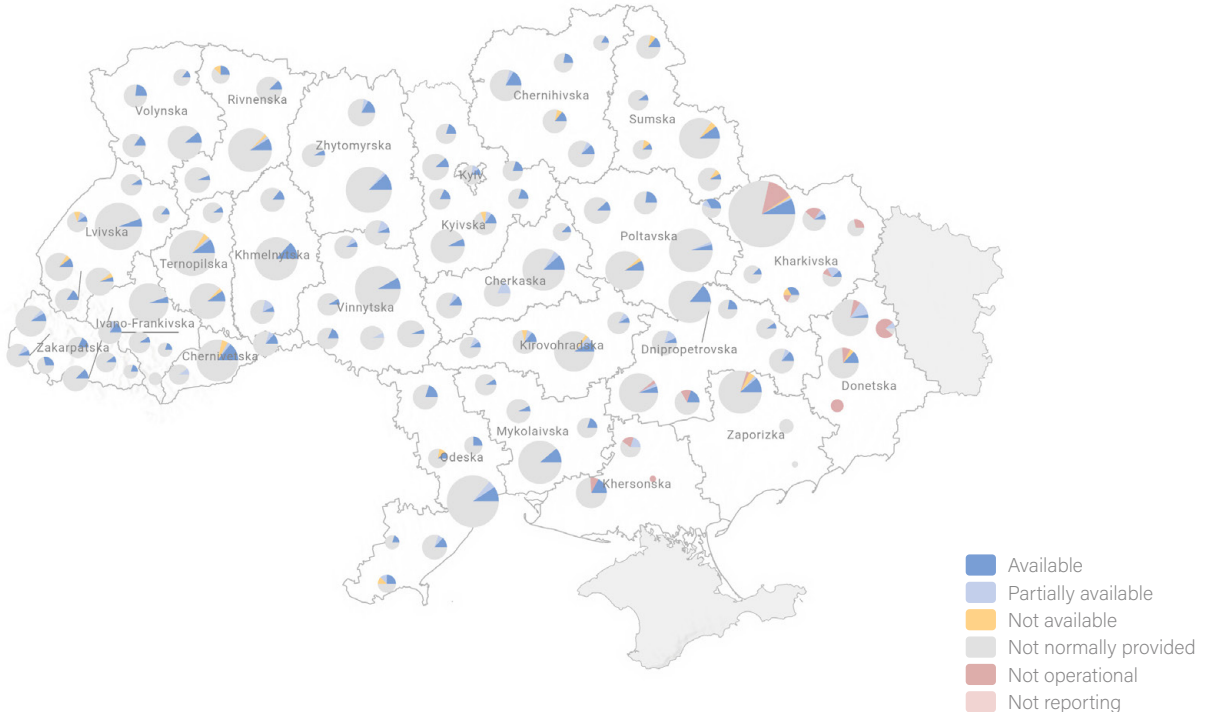


Service availability by health facility type



Main barriers impeding service delivery

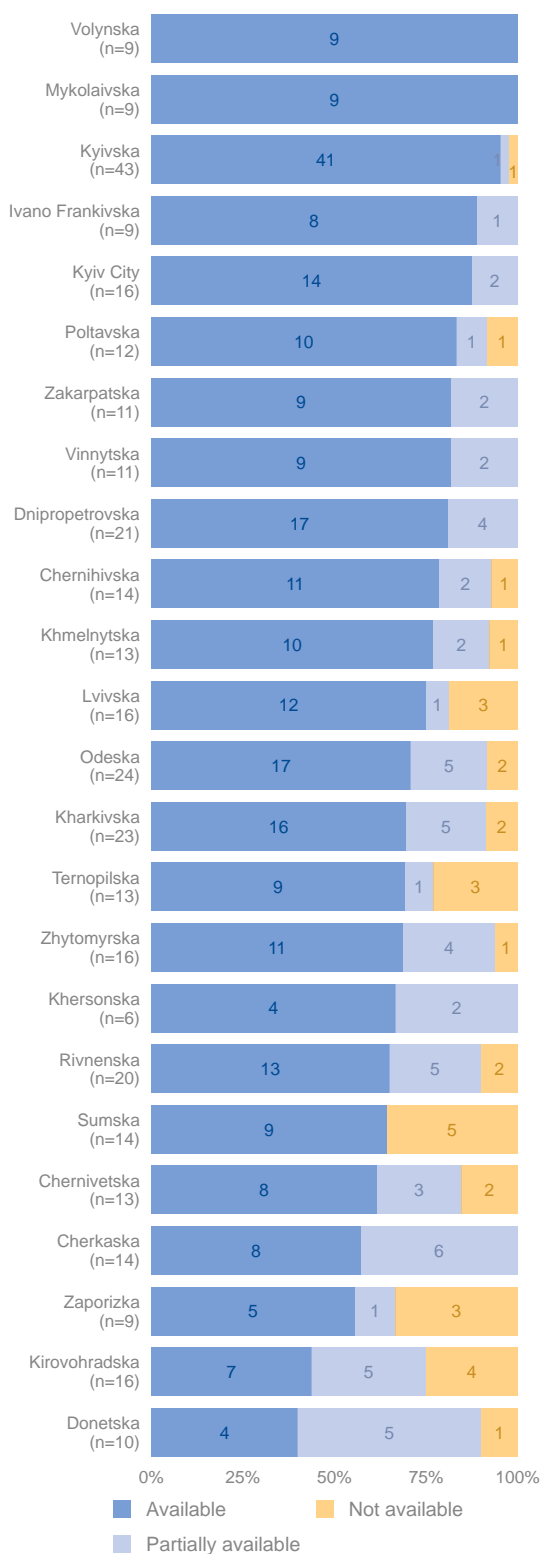
(n = 92)



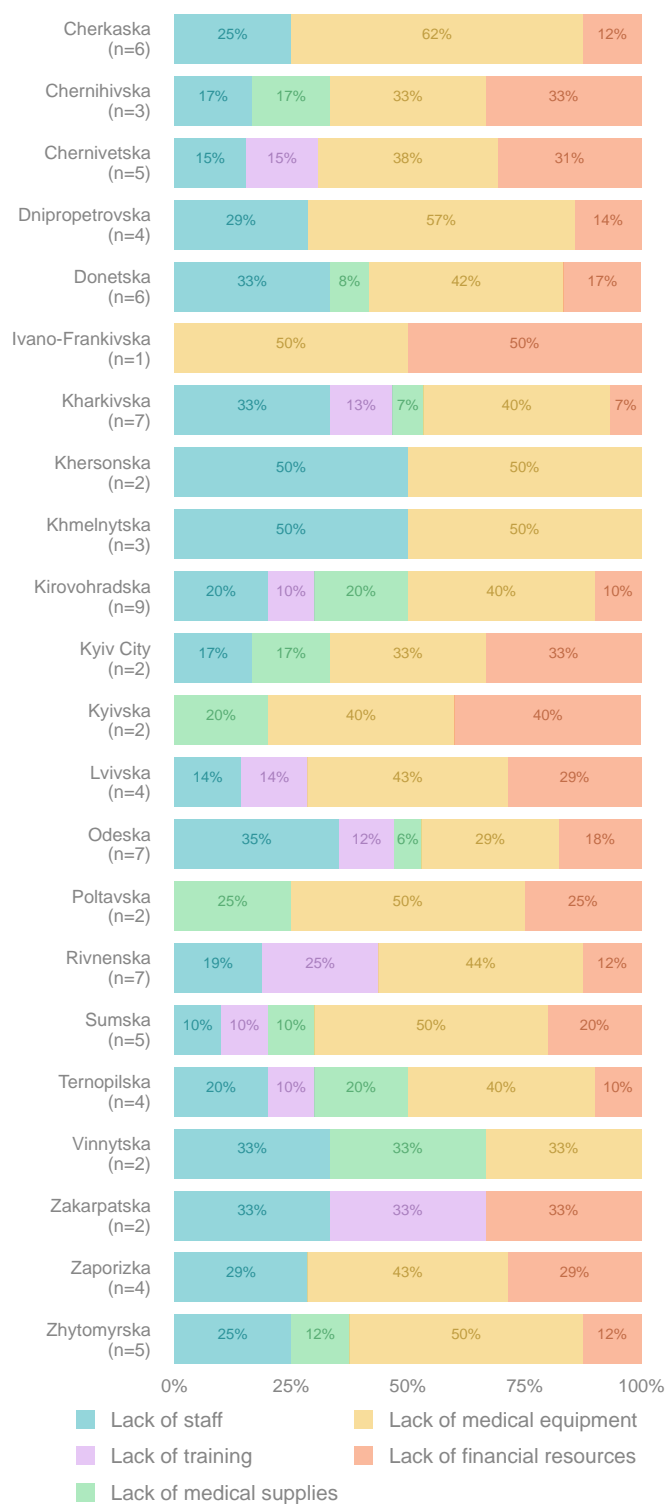
Map excludes HSDUs

MEDICAL ASSISTANCE IN ACUTE CEREBRAL STROKE

Service availability by oblast*



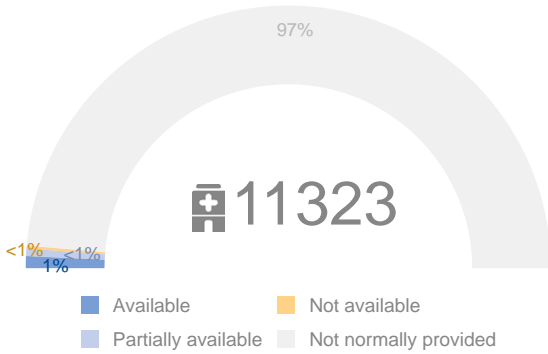
Main barriers impeding service delivery by oblast**



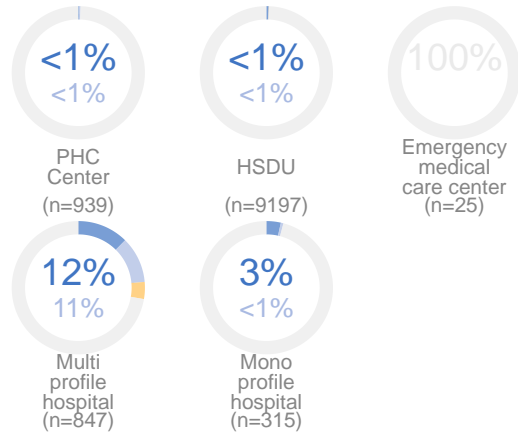
* Chart excludes health facilities where the service is not normally provided.
 ** Chart includes health facilities where the causes/barriers were indicated.

MEDICAL ASSISTANCE FOR ACUTE MYOCARDIAL INFARCTION

Service availability

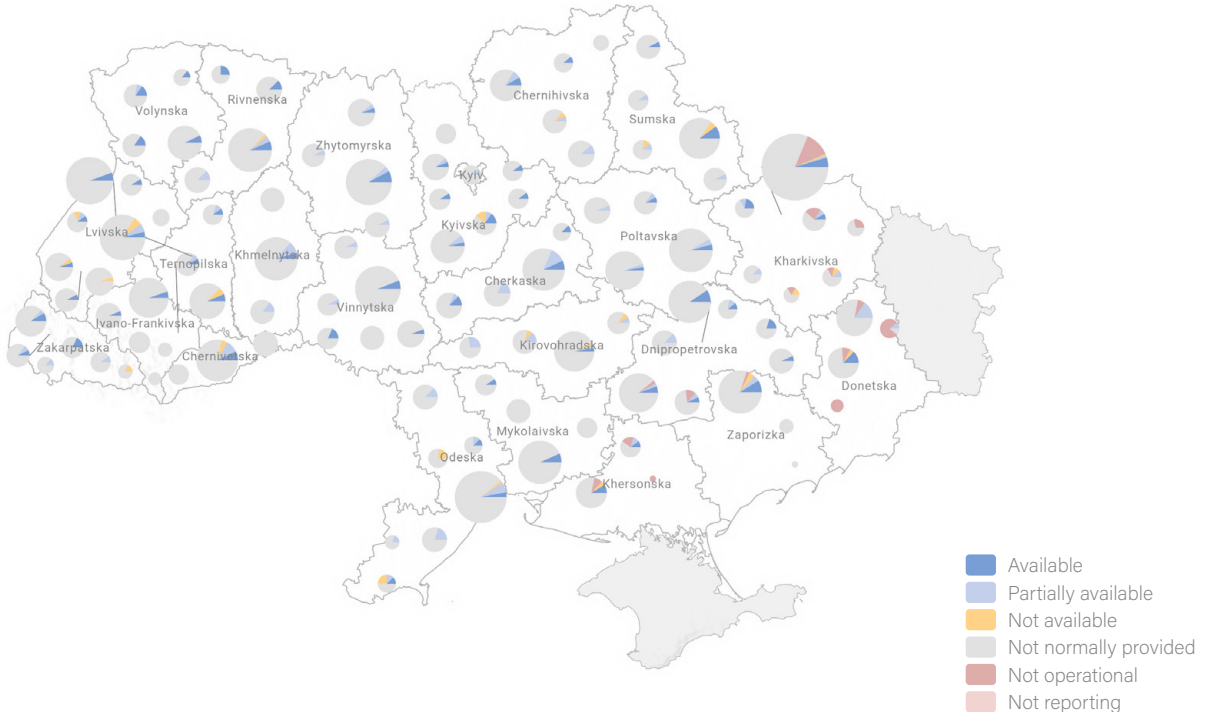


Service availability by health facility type



Main barriers impeding service delivery

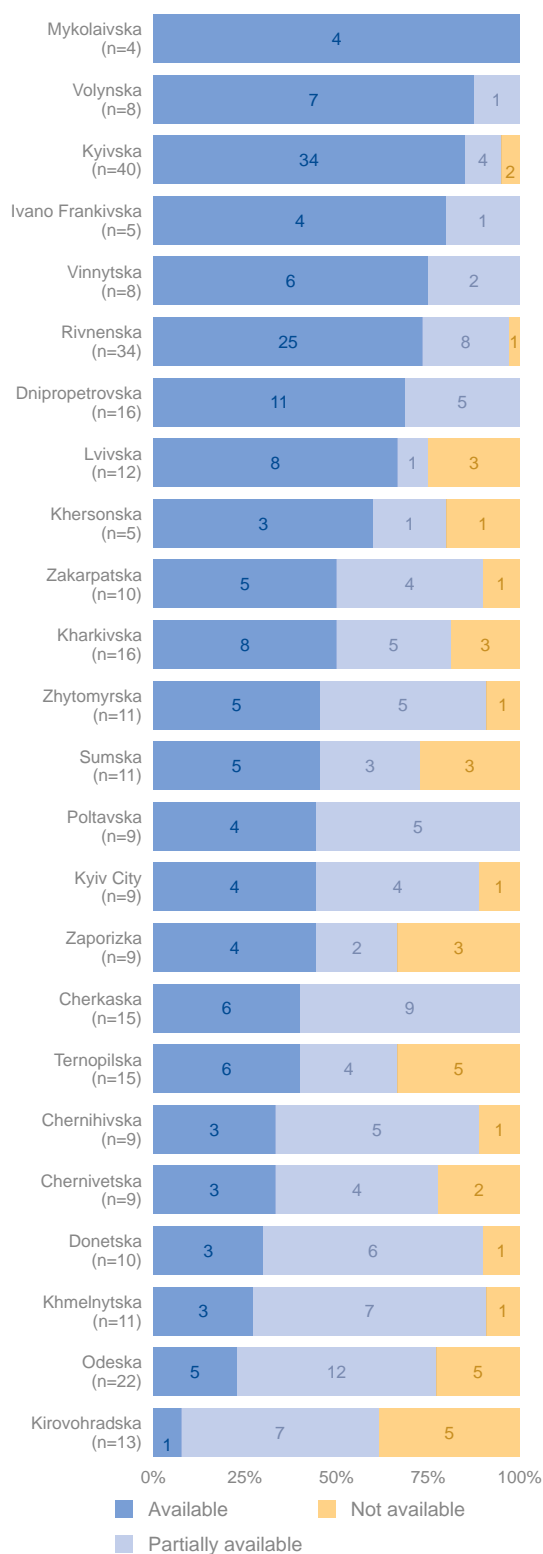
(n = 144)



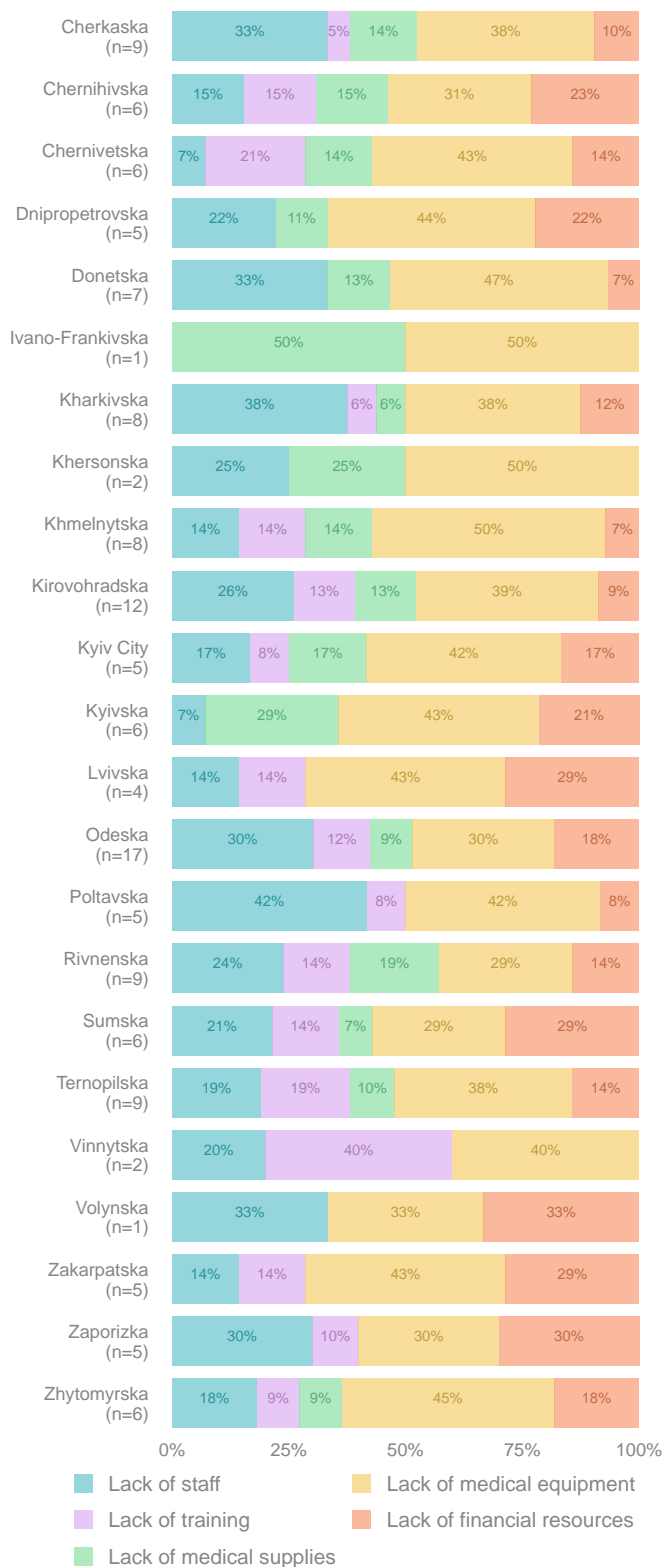
Map excludes HSDUs

MEDICAL ASSISTANCE FOR ACUTE MYOCARDIAL INFARCTION

Service availability by oblast*



Main barriers impeding service delivery by oblast**

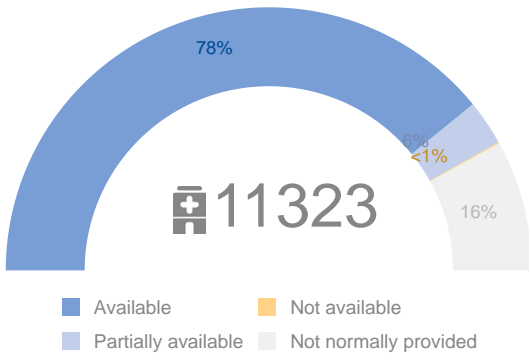


* Chart excludes health facilities where the service is not normally provided.

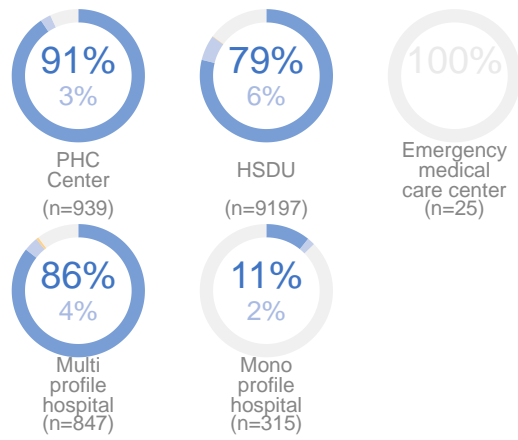
** Chart includes health facilities where the causes/barriers were indicated.

DIABETES

Service availability

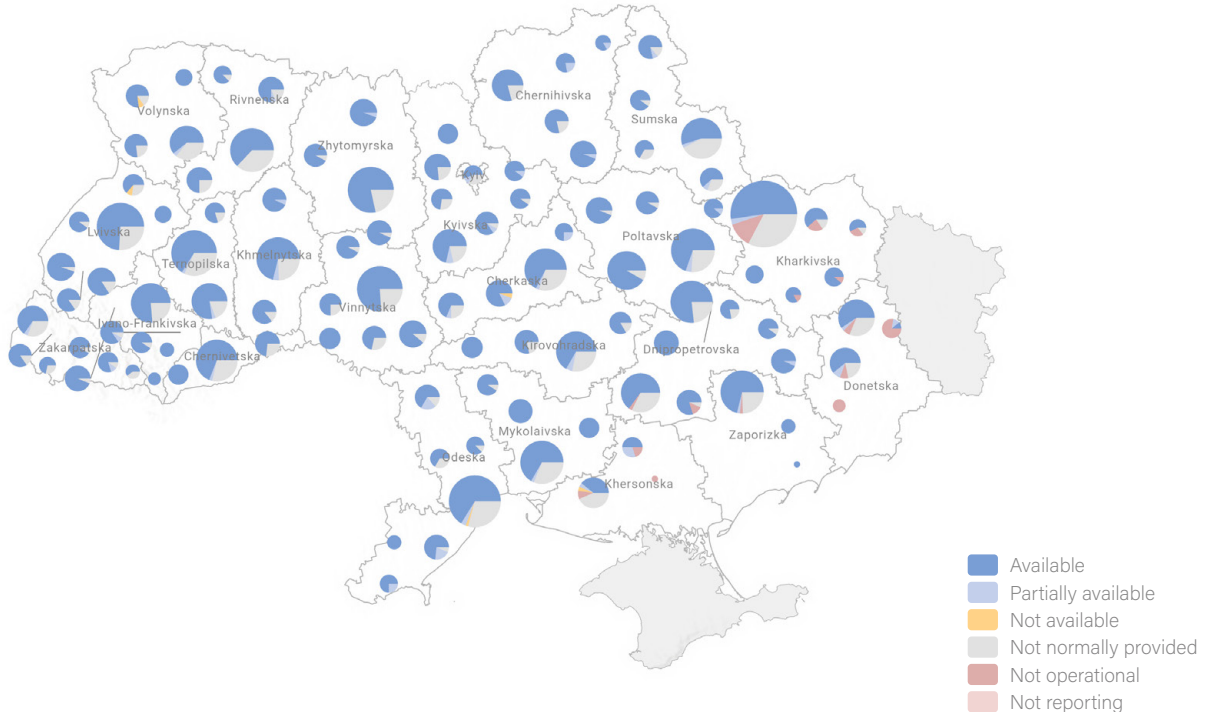
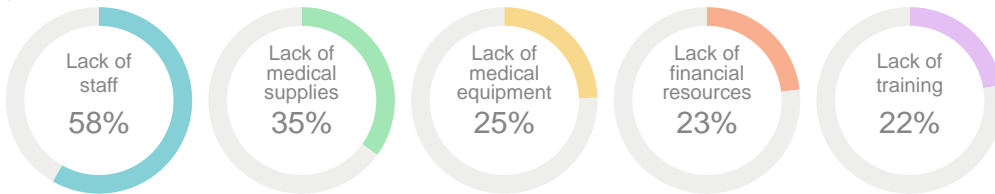


Service availability by health facility type



Main barriers impeding service delivery

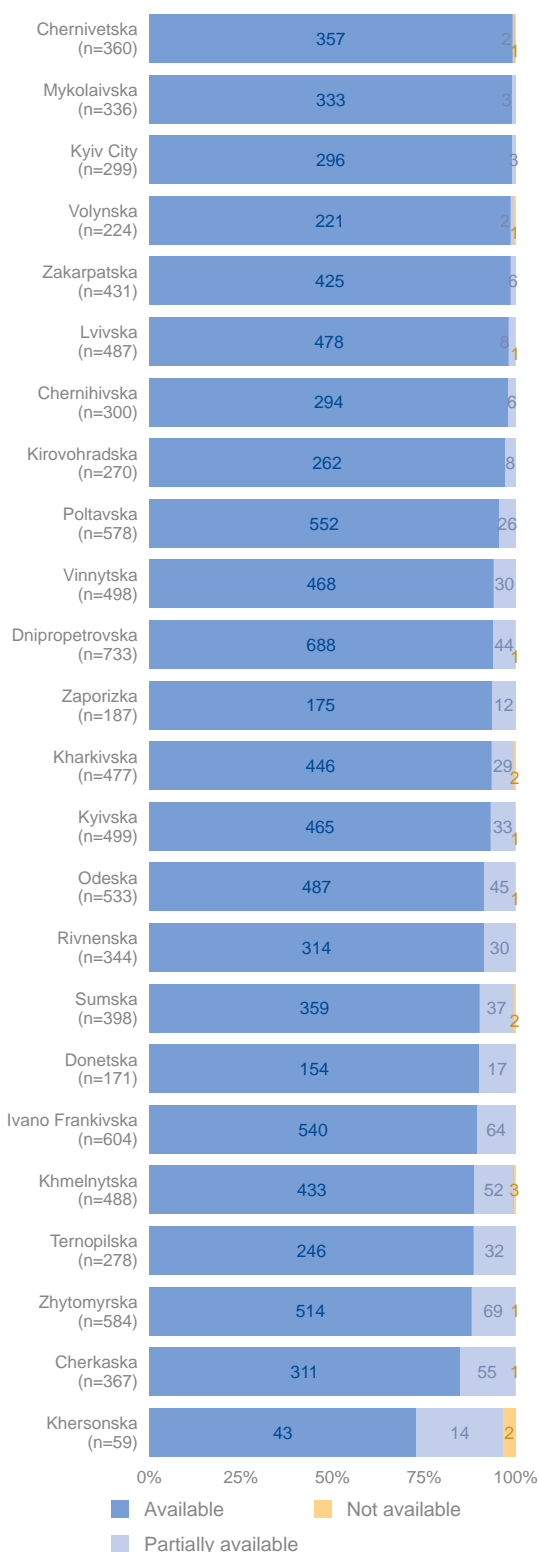
(n = 644)



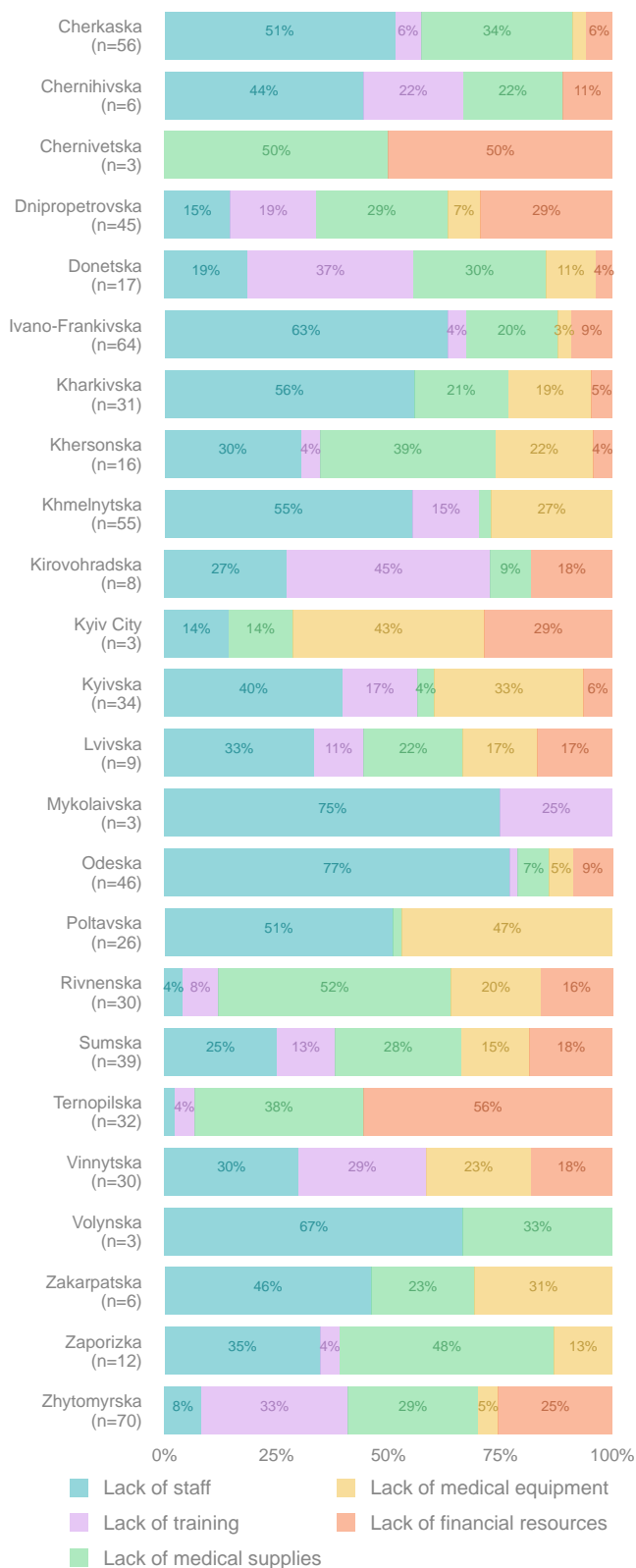
Map excludes HSDUs

DIABETES

Service availability by oblast*



Main barriers impeding service delivery by oblast**

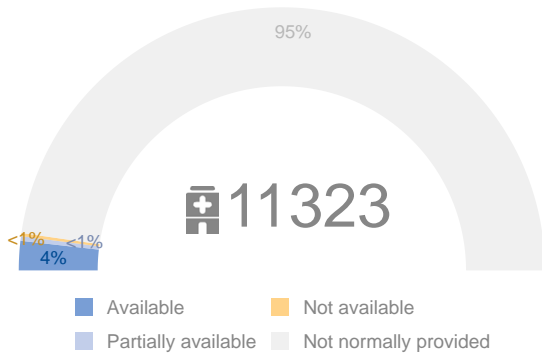


* Chart excludes health facilities where the service is not normally provided.

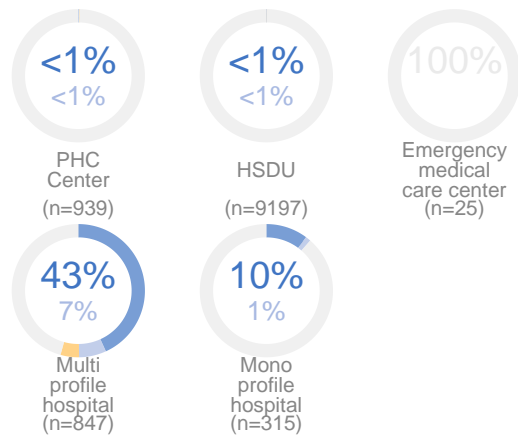
** Chart includes health facilities where the causes/barriers were indicated.

INPATIENT ACUTE REHABILITATION

Service availability

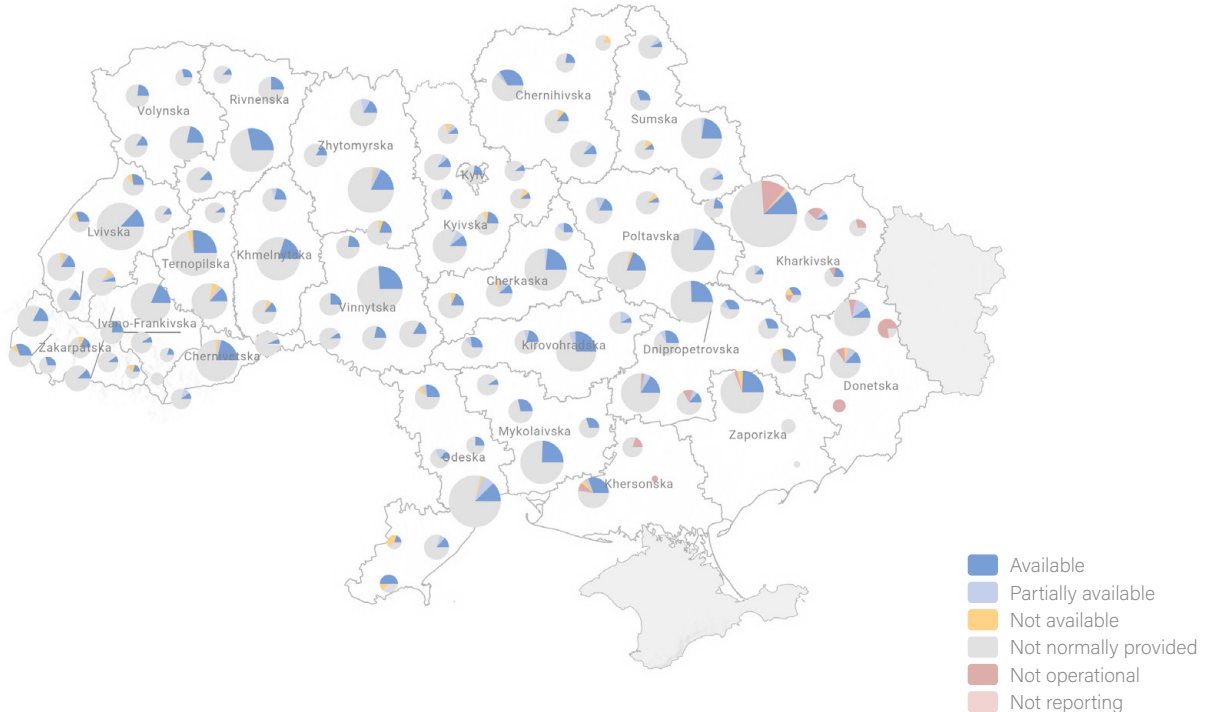


Service availability by health facility type



Main barriers impeding service delivery

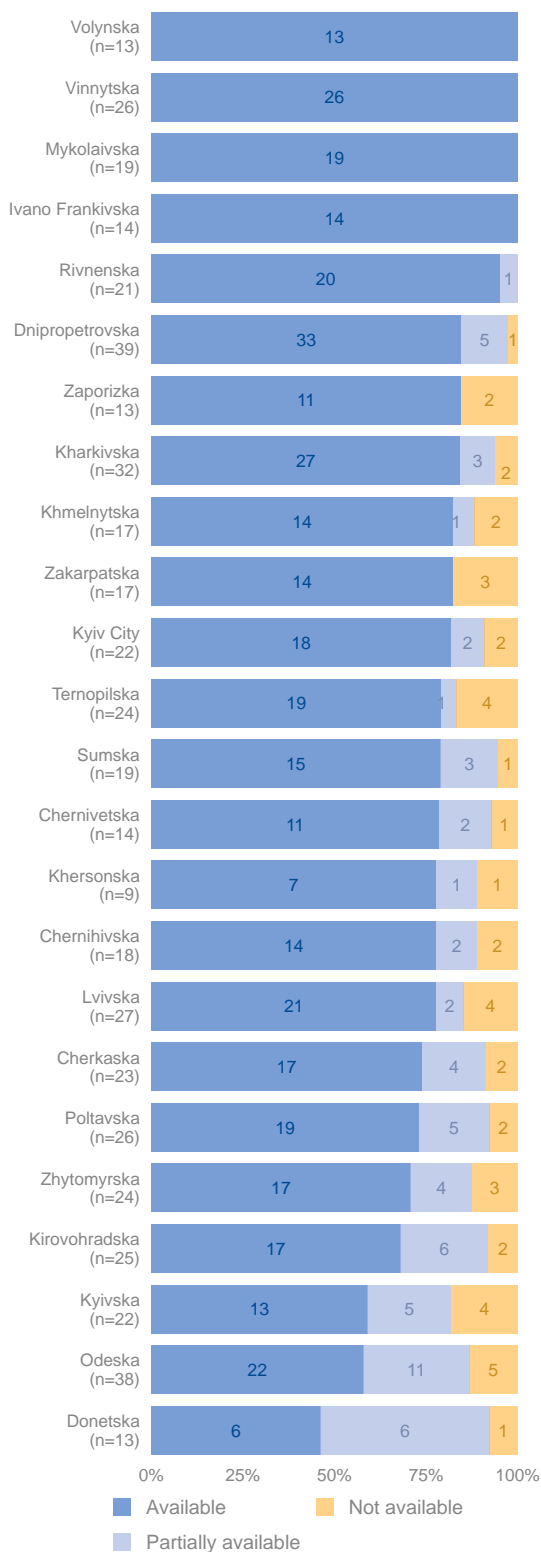
(n = 108)



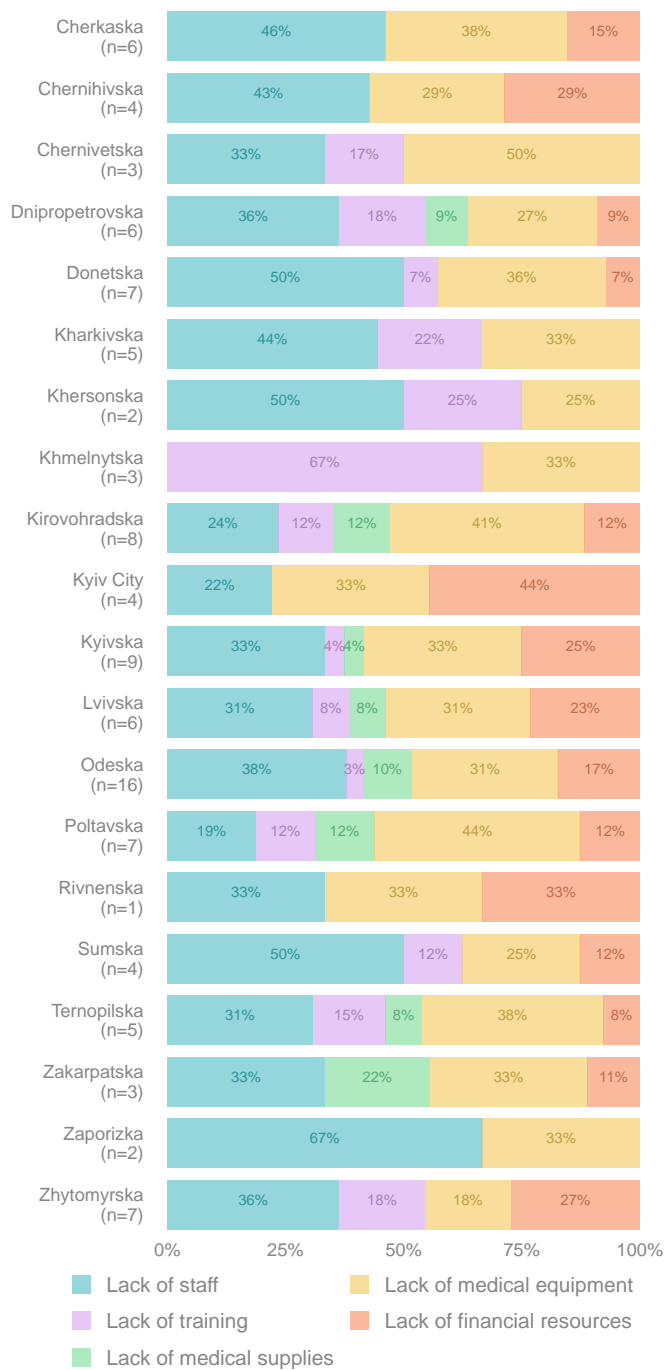
Map excludes HSDUs

INPATIENT ACUTE REHABILITATION

Service availability by oblast*



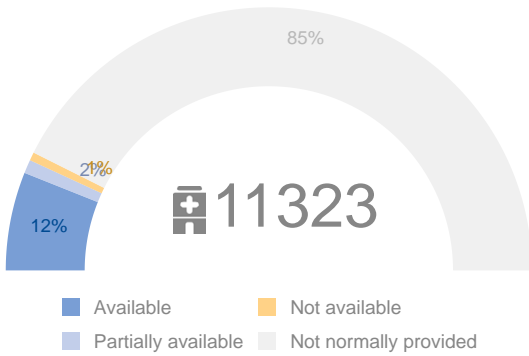
Main barriers impeding service delivery by oblast**



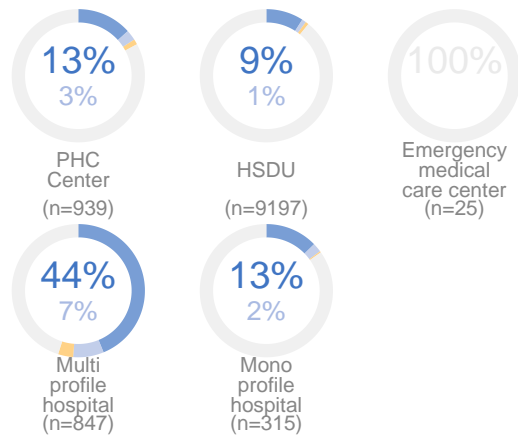
* Chart excludes health facilities where the service is not normally provided.
 ** Chart includes health facilities where the causes/barriers were indicated.

OUTPATIENT OR COMMUNITY LEVEL REHABILITATION

Service availability

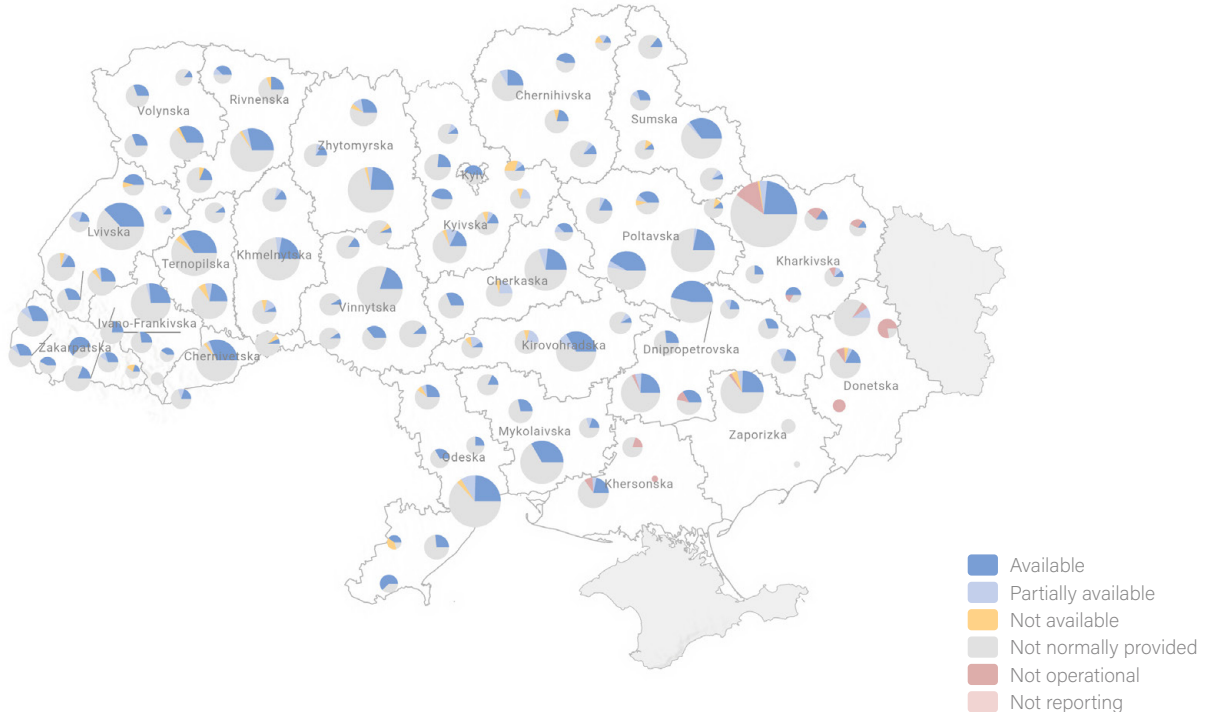
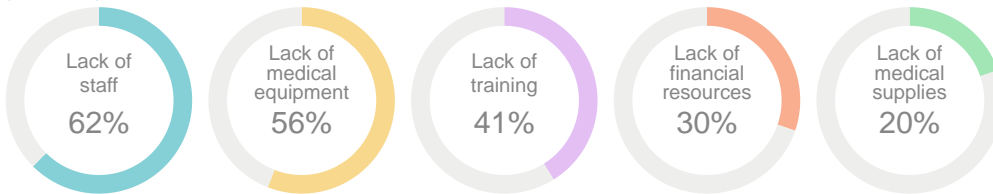


Service availability by health facility type



Main barriers impeding service delivery

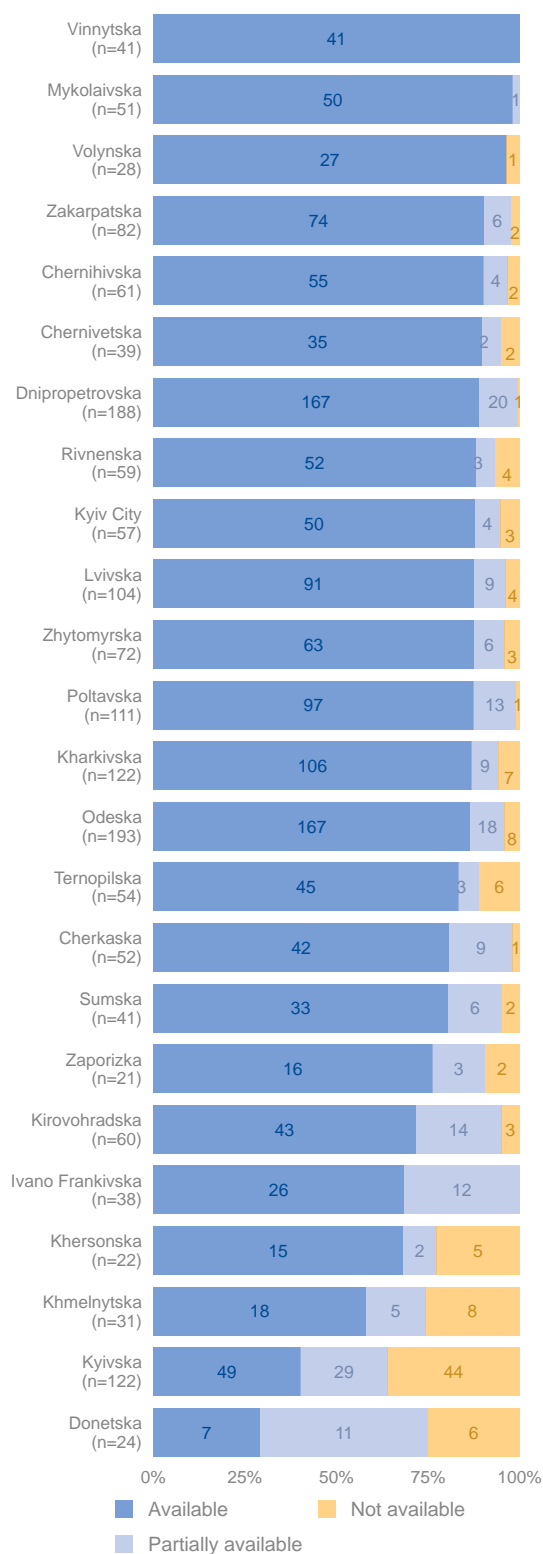
(n = 304)



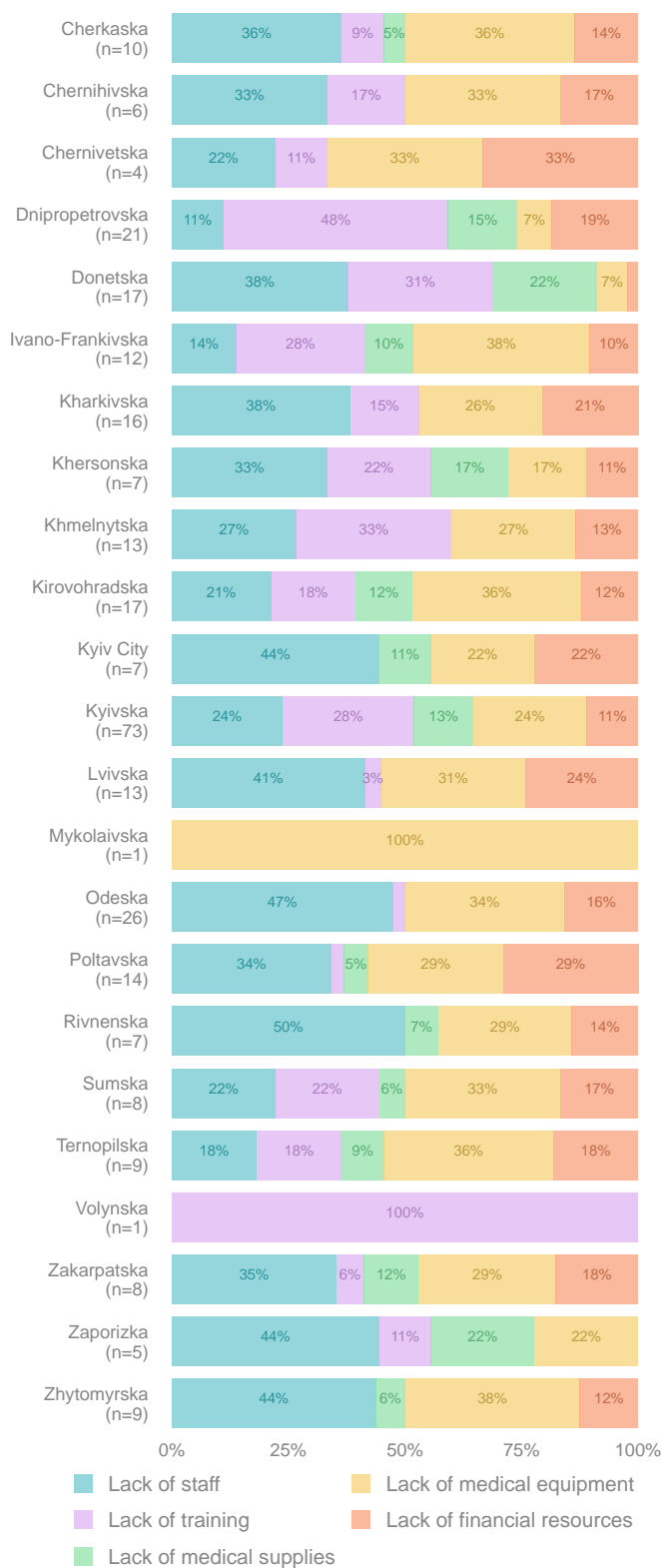
Map excludes HSDUs

OUTPATIENT OR COMMUNITY LEVEL REHABILITATION

Service availability by oblast*



Main barriers impeding service delivery by oblast**

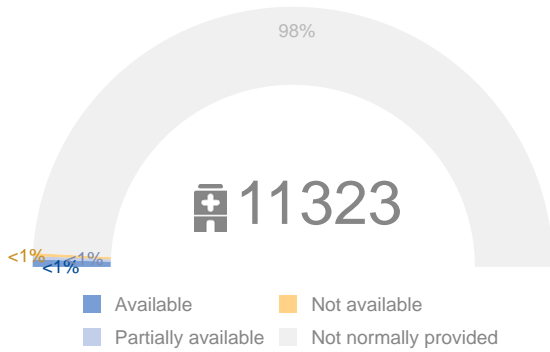


* Chart excludes health facilities where the service is not normally provided.

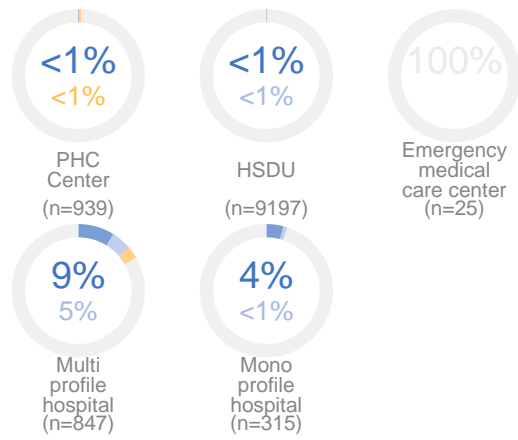
** Chart includes health facilities where the causes/barriers were indicated.

PROSTHETICS AND ORTHOTICS

Service availability

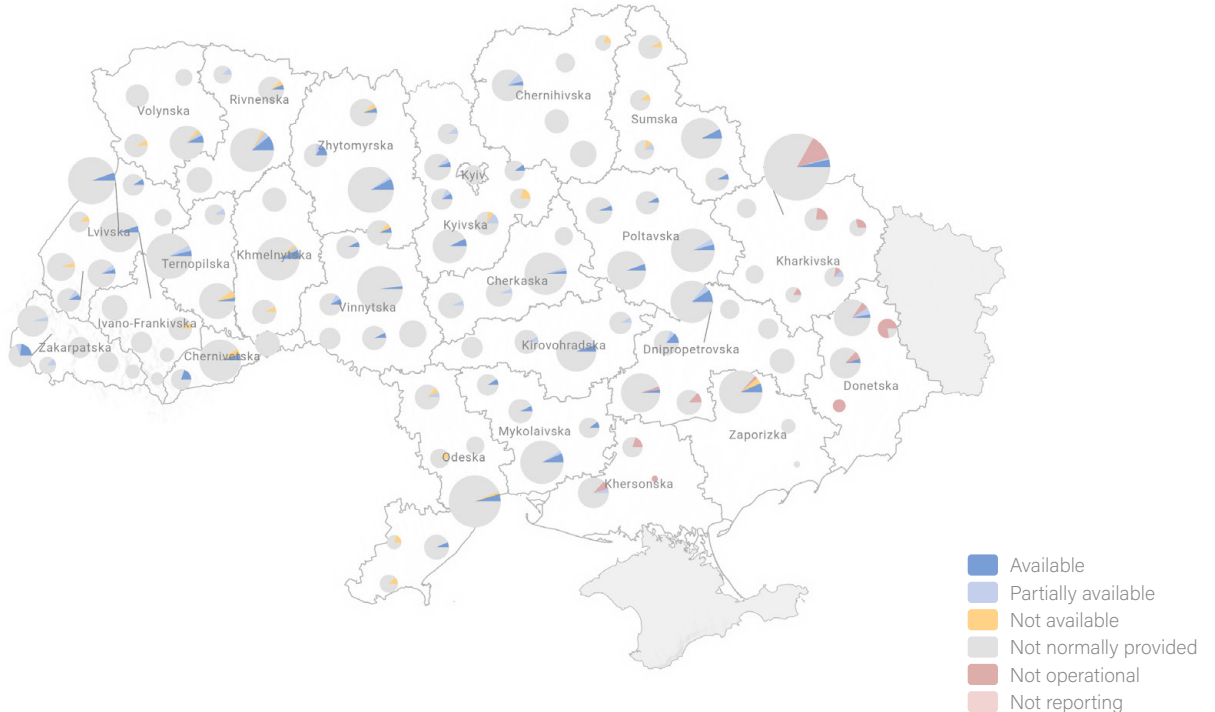


Service availability by health facility type



Main barriers impeding service delivery

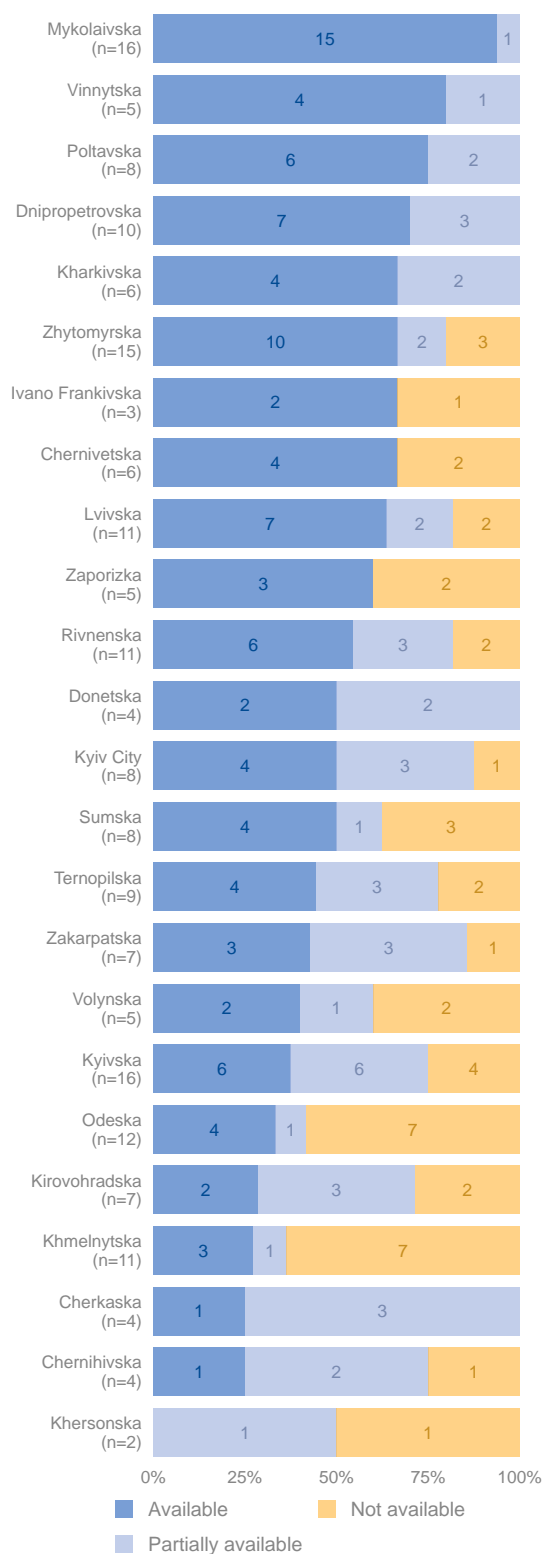
(n = 89)



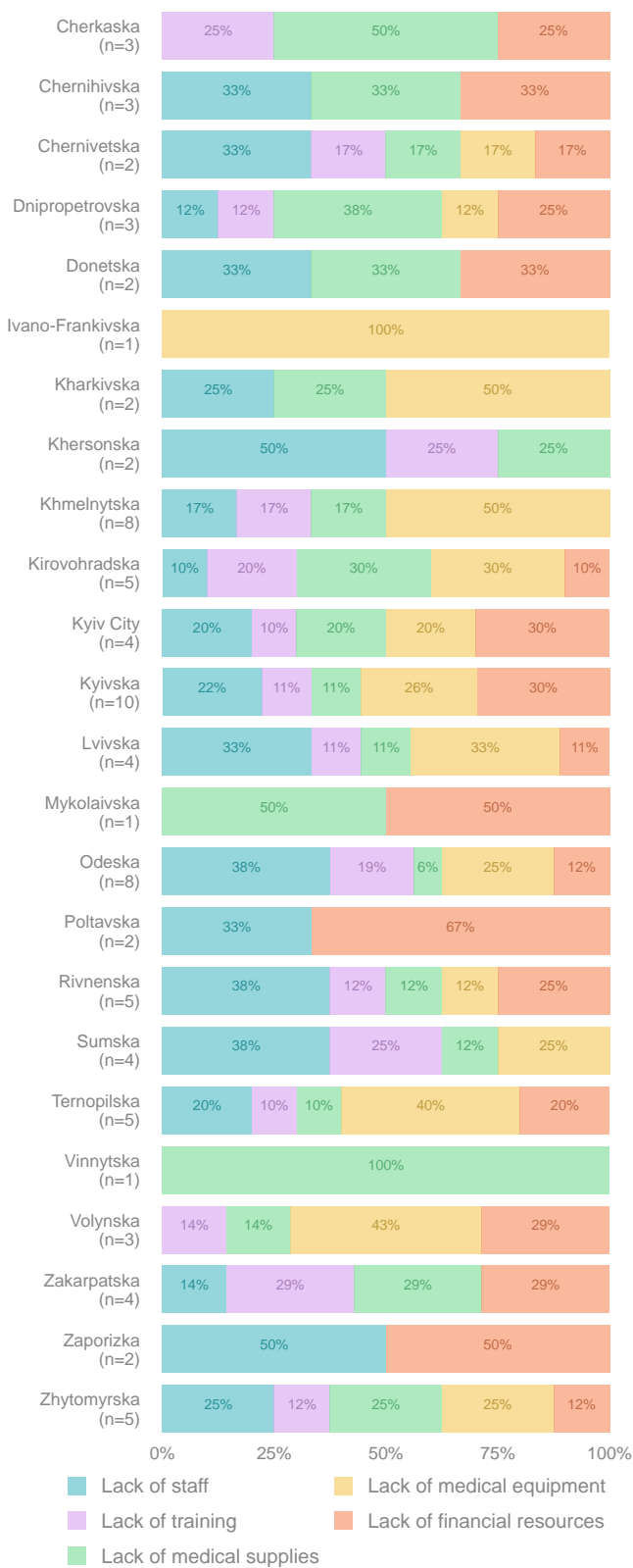
Map excludes HSDUs

PROSTHETICS AND ORTHOTICS

Service availability by oblast*



Main barriers impeding service delivery by oblast**

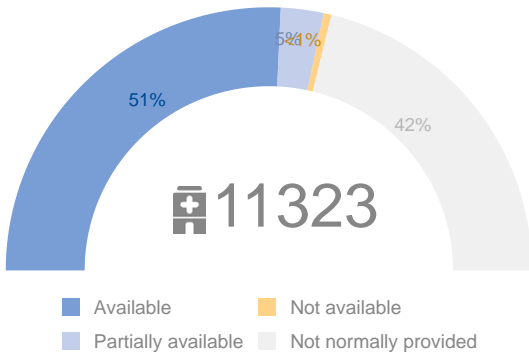


* Chart excludes health facilities where the service is not normally provided.

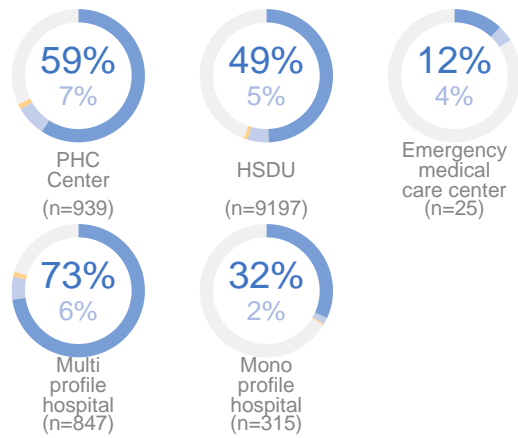
** Chart includes health facilities where the causes/barriers were indicated.

PSYCHOLOGICAL FIRST AID

Service availability

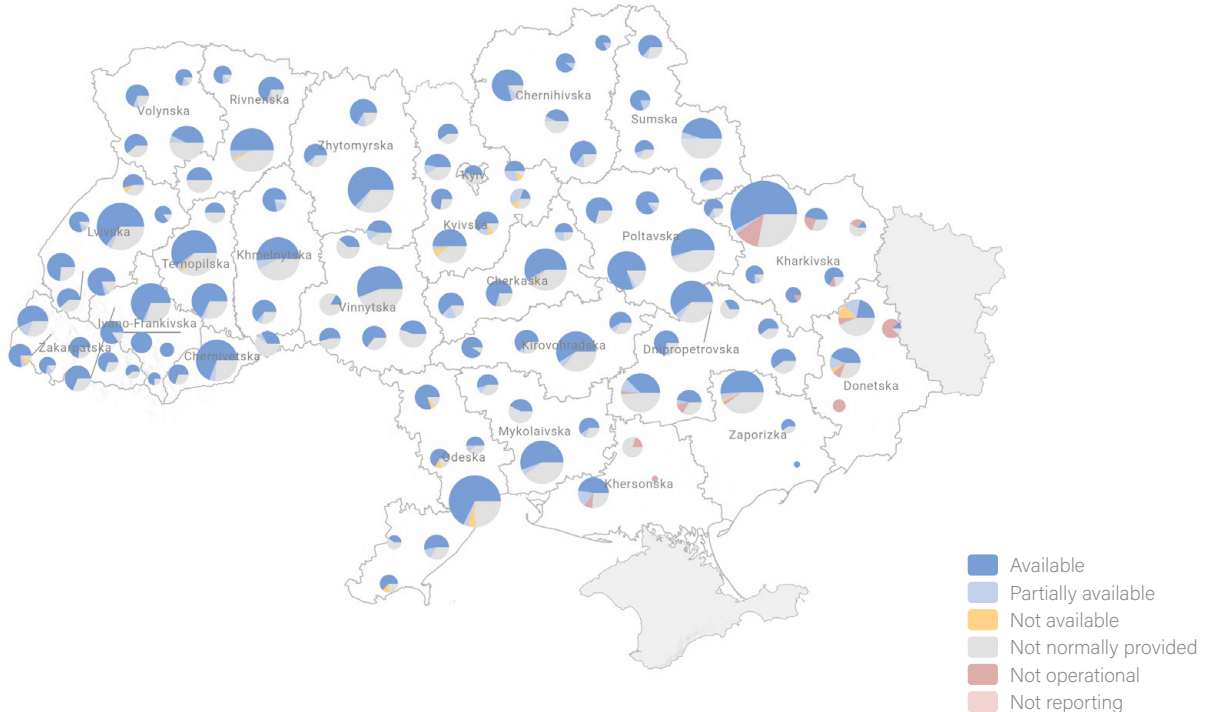


Service availability by health facility type



Main barriers impeding service delivery

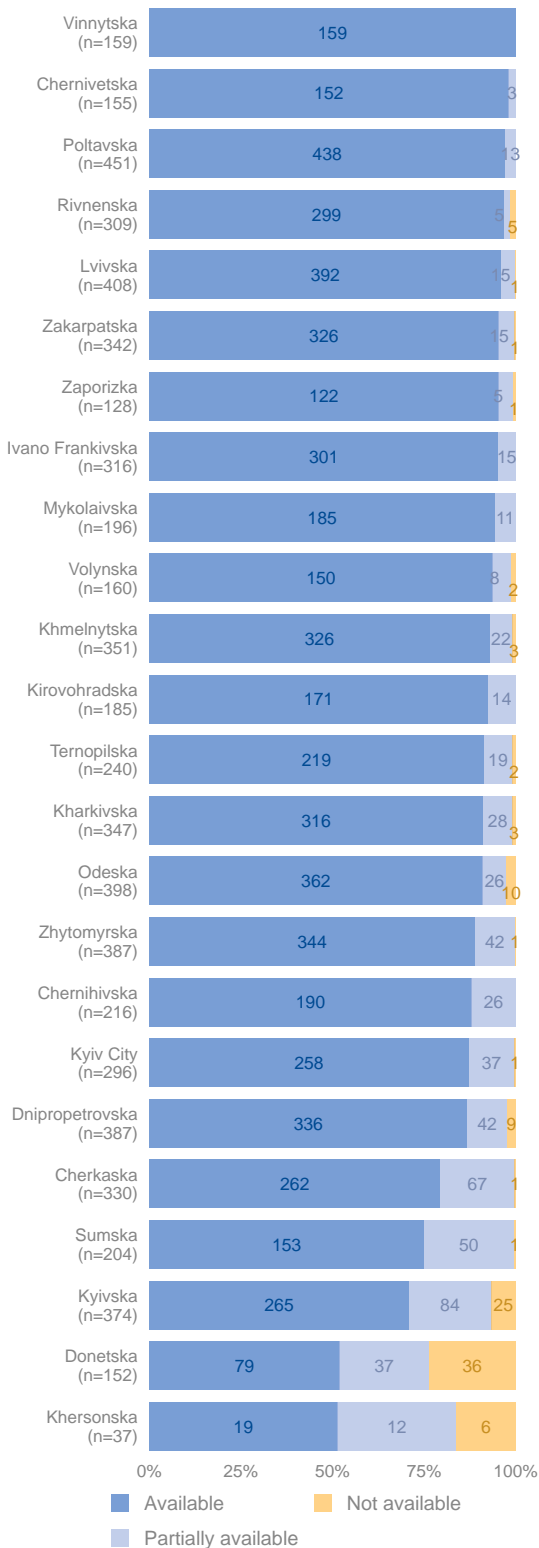
(n = 704)



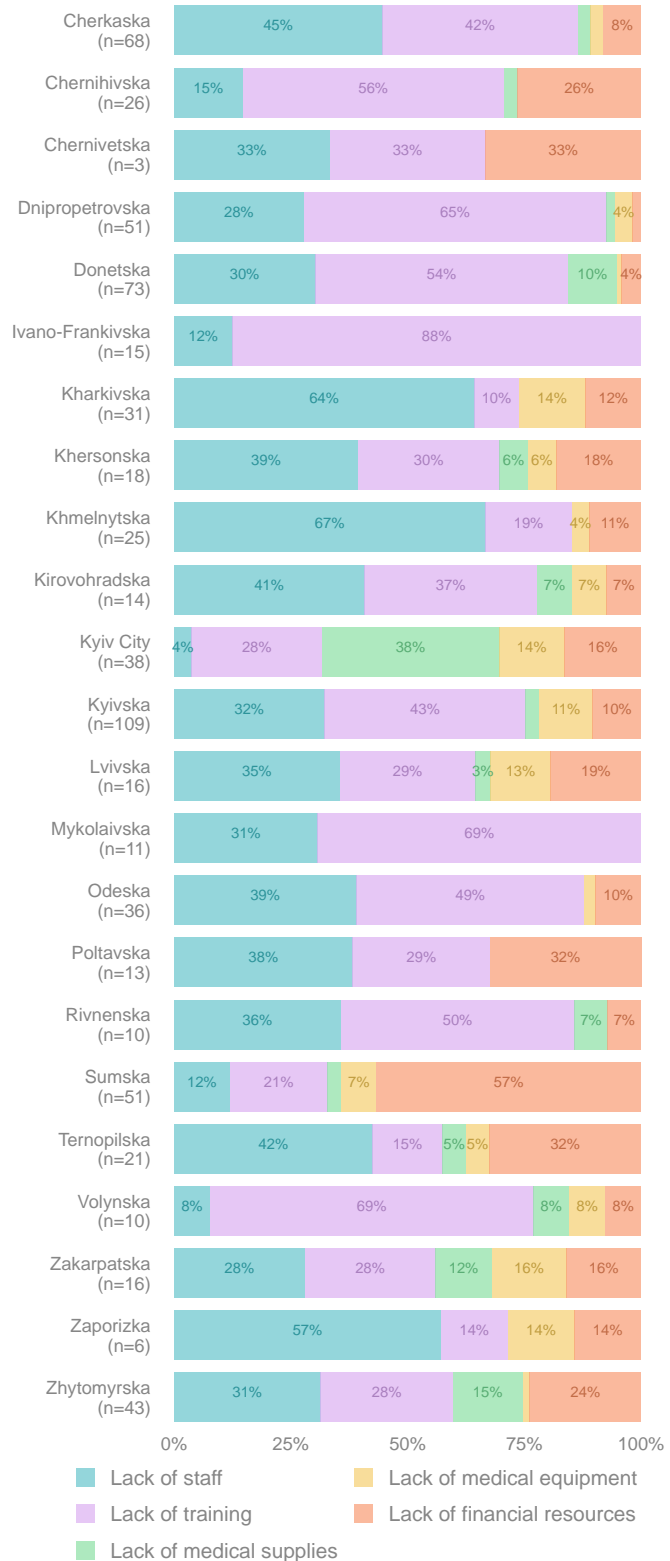
Map excludes HSDUs

PSYCHOLOGICAL FIRST AID

Service availability by oblast*



Main barriers impeding service delivery by oblast**

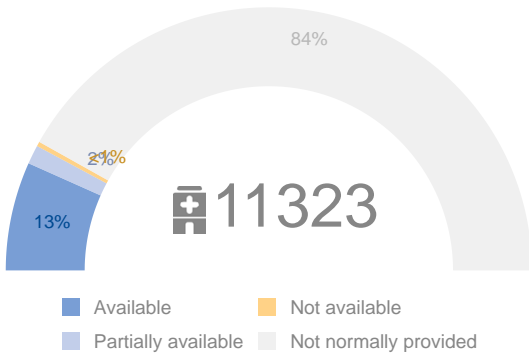


* Chart excludes health facilities where the service is not normally provided.

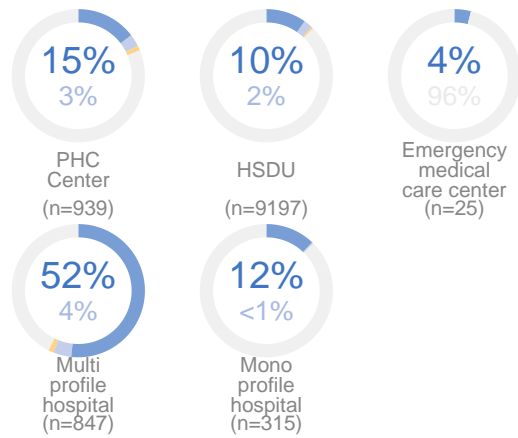
** Chart includes health facilities where the causes/barriers were indicated.

OUTPATIENT MANAGEMENT OF MENTAL DISORDERS

Service availability

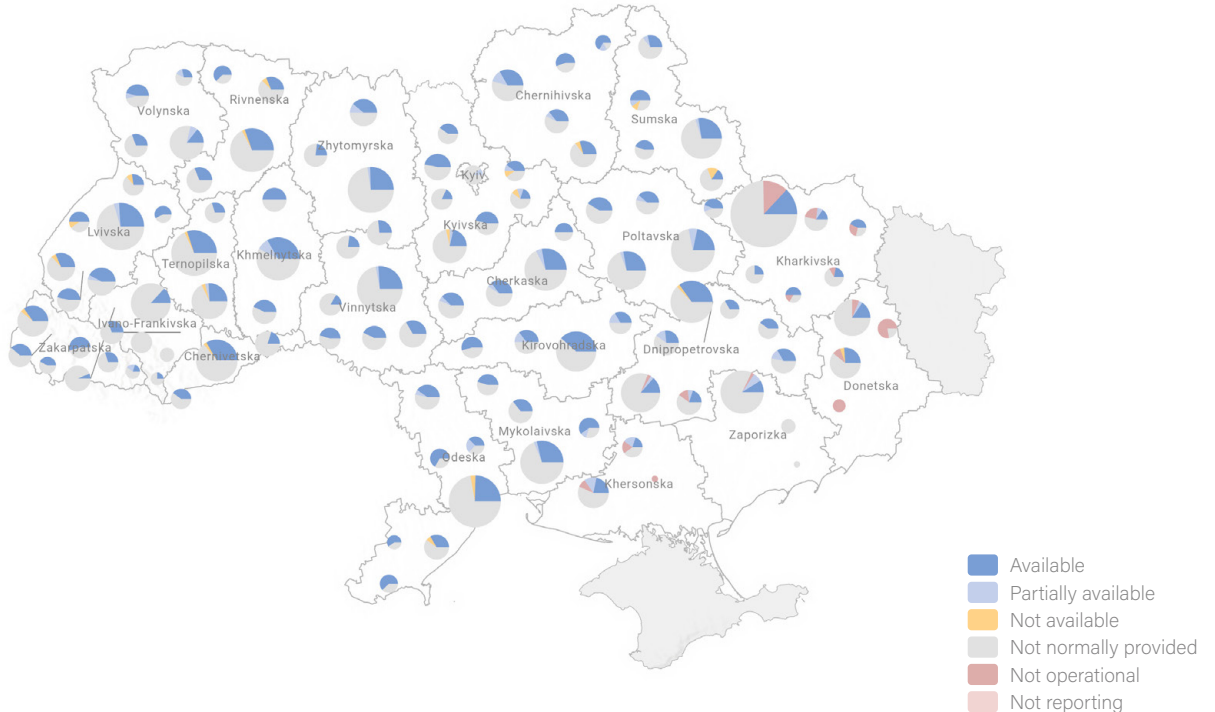
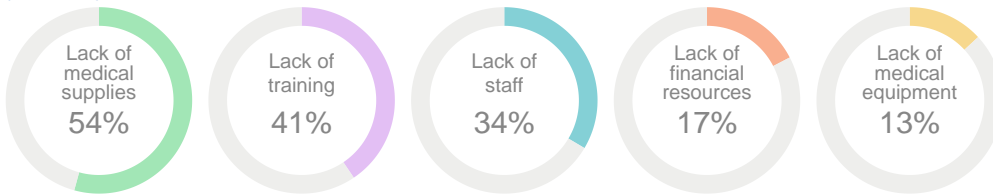


Service availability by health facility type



Main barriers impeding service delivery

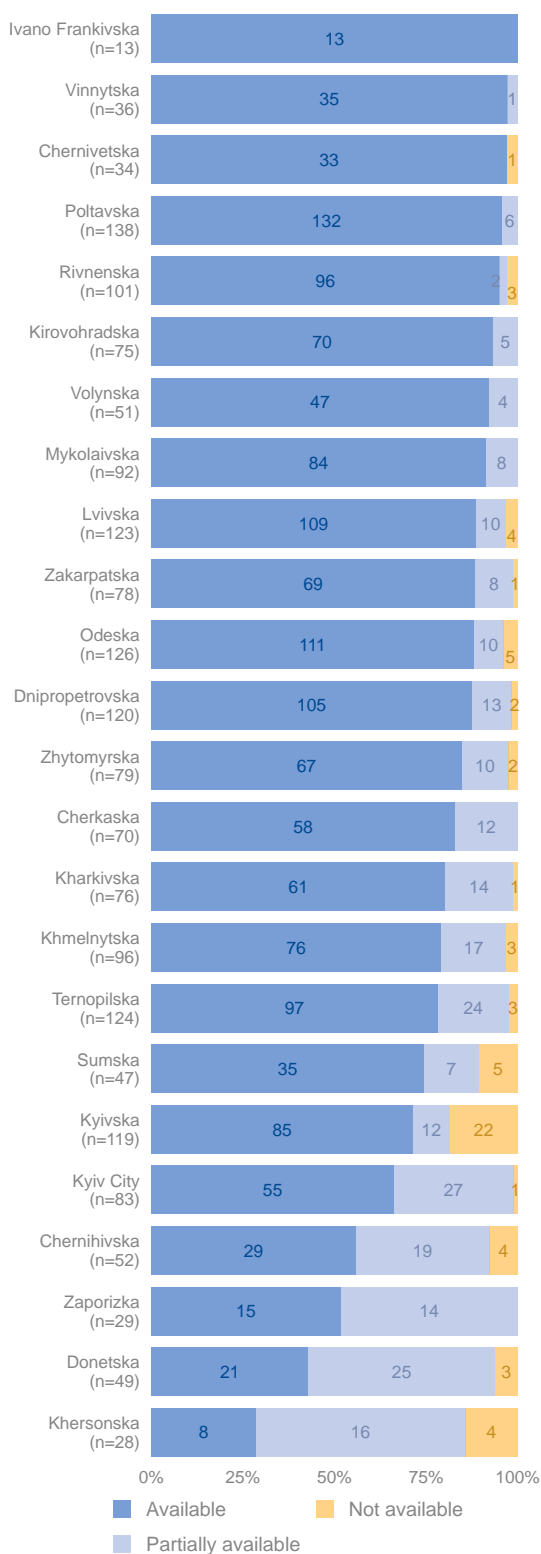
(n = 328)



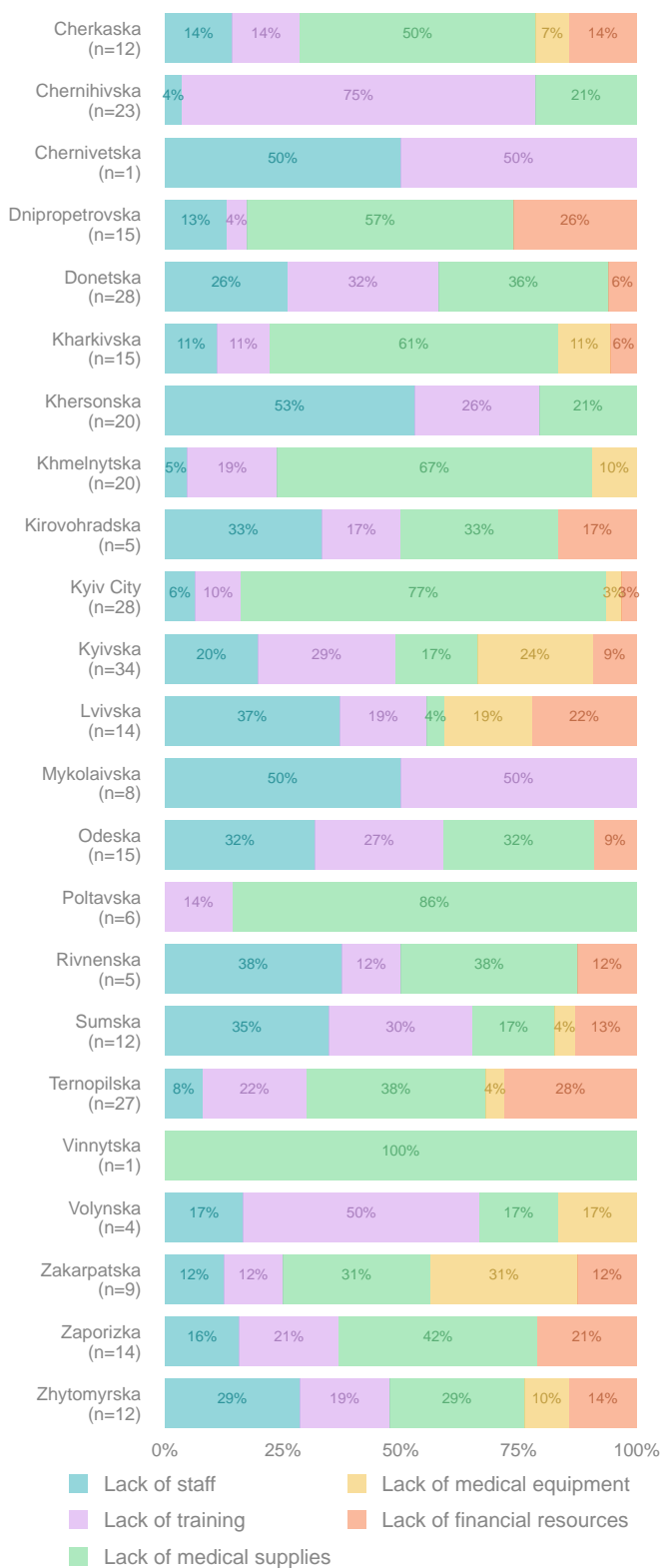
Map excludes HSDUs

OUTPATIENT MANAGEMENT OF MENTAL DISORDERS

Service availability by oblast*



Main barriers impeding service delivery by oblast**



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

** Chart includes health facilities where the causes/barriers were indicated.

