

WHO UKRAINE COUNTRY OFFICE

WHO ERF GRADE 3

BY THE NUMBERS (since 24 February):



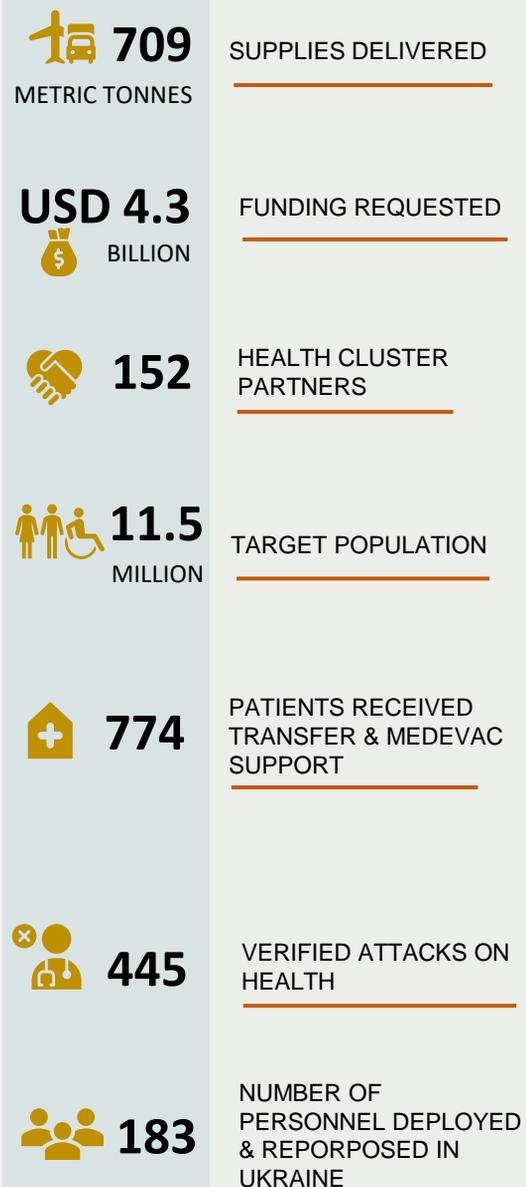
HIGHLIGHTS

- The WHO team together with European Union (EU) partners made a joint visit to the city of Chernihiv and the Chernihiv oblast. They met with the Director of the Chernihiv Regional State Health Department, the Director of the Chernihiv City Hospital and the Director of Koryukiv Central District Hospital on site. The mission aims to monitor and assess the implementation of WHO and EU support to the region as part of DG-ECHO (Directorate-General for European Civil Protection and Humanitarian Aid Operations) project funded through EU humanitarian assistance, and to discuss urgent health-care needs and further recovery plans. For further information, click [here](#).



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- USAID is providing WHO an additional US\$ 1.8 million to strengthen the surveillance of infectious diseases and reporting in Ukraine, with special emphasis on the most vulnerable groups. With this additional support, USAID has provided WHO US\$ 15.5 million for critical health support since Russia's invasion of Ukraine began on 24 February. For further information, click [here](#).
- The war in Ukraine has caused death and suffering on a dramatic scale and left at least 17 million people in urgent need of humanitarian assistance and protection. The humanitarian response has expanded significantly in scale and scope, enabled by the rapid funding allocated through the Flash Appeal. The third iteration of the Flash Appeal started on 24 February and covers a period of 10 months, from March to December 2022. For further information click [here](#).

WHO KEY FIGURES



SITUATION UPDATE

- According to the Ukrainian Public Health Center (UPHC) at the Ministry of Health (MoH) of Ukraine, the rate of vaccinations in the first six months of 2022 was below 40%. At this rate, by the end of the year, only 60% of children will be vaccinated, which is not enough to reach herd immunity. Vaccinations in children under one year old in the first six months of 2022 are broken down as follows: 29.7% were vaccinated against tuberculosis, 23.1% – against viral hepatitis B, 33.9% – against diphtheria, tetanus and whooping cough, and 33.3% – against poliomyelitis. For further information, click [here](#).
- The Director General of the International Atomic Energy Agency (IAEA) has reported that there is a security risk at the Zaporizhzhya Power Plant due to problems in the supply of spare parts needed at the plant. The Ukrainian regulatory authority has also informed the IAEA that the nuclear plant has lost connection with power supply lines. A delegation will be sent to the plant to ensure its safety and security. On 2 August the UN nuclear chief warned that Europe’s largest nuclear power plant in Ukraine “is completely out of control”, citing that “every principle of nuclear safety has been violated”, and issued an urgent plea to Russia and Ukraine to quickly allow experts to visit the sprawling complex to stabilize the situation and avoid a nuclear accident. For further information, click [here](#).
- The Luhansk Regional Clinical Hospital in Dnipropetrovsk has resumed operations. The hospital provides free medical care to internally displaced persons (IDPs) and anyone else who needs it in the following areas: surgery, vascular surgery, trauma care, urology, andrology, nephrology, cardiology, neurology, pulmonology, haematology, gynaecology, dermatology, and functional diagnostics. For further information, click [here](#).

Leadership & Coordination

- The WHO Representative (WR) and DG ECHO representatives visited Kyiv and Chernihiv.
- The WR continued high-level engagement with the MoH, authorities and partners.
- The Incident Manager (IM) and DG ECHO representatives visited the Trauma Centre at the Mechnikov Hospital as well as Hospital No. 16 and Hospital No. 4 in Dnipropetrovsk.
- In collaboration with the Health Cluster, the IM and DG ECHO representatives met with partners in the Dnipropetrovsk oblast and discussed strategy, including winterization efforts.



Local media monitoring

- Ukraine's international partners handed over three incubators, 2998 tourniquets, 18 ambulatory syringe pumps, 16 pallets of assorted medicines, 80 pallets of syringes, 70 pallets of antiseptic disinfectants, and 49 pallets of personal protective equipment. The MoH distributed the medical equipment among hospitals of the Kyiv, Dnipropetrovsk and Odesa oblasts, transferred to Ukraine as part of humanitarian aid. For further information, click [here](#).
- The MoH provided recommendations to citizens in case of a radiation accident. For further information, click [here](#).
- The Minister of Health of Ukraine Viktor Liashko stated that the first 24 ambulances for emergency medical teams were purchased by employees of the state-owned enterprise Medical Procurement of Ukraine with funds collected as part of the First Lady's initiative. The total value of the funds transferred for the ambulances is 52.8 million hryvnias. For further information, click [here](#).
- Ukraine's cooperation with the European Commission and WHO support has led to the transfer of 1000 Ukrainians for treatment to 18 countries. The MoH, in partnership with the Western Ukrainian Specialized Children's Medical Centre in Lviv and St. Jude Children's Research Hospital, evacuates children with oncological and haematological conditions for treatment in the United States, Canada and 14 European countries. For further information, click [here](#).

HEALTH INFORMATION

Conflict-related health information

- As of 8 August 2022, the Office of the UN High Commissioner for Human Rights (OHCHR) recorded:
 - 5401 civilians killed (2081 men, 1420 women, 147 girls, and 169 boys, as well as 39 children and 1545 adults whose sex is yet unknown); and
 - 7466 civilians injured (1511 men, 1095 women, 157 girls, and 225 boys, as well as 198 children and 4280 adults whose sex is yet unknown).
- According to the United Nations High Commissioner for Refugees, as of 1 August over 10.1 million Ukrainians crossed the border to neighbouring countries, of whom just over 5.1 million and over 1 million crossed the border to Poland and Hungary, respectively.

Surveillance

COVID-19 and other communicable diseases

- As of 7 August, the average number of new COVID-19 cases is at 556 per day, 40% increase from previous week. The seven-day average daily polymerase chain reaction (PCR) tests performed increased to 1,573 from 1,224 in previous week (it was 42, 460 in the last week before the war). A similar trend is observed with rapid diagnostic tests performed in laboratories and at primary health-care and hospital level. A comprehensive weekly COVID-19 dashboard can be found [here](#).

Surveillance from open source intelligence

- A case of acute viral hepatitis of unknown etiology was reported in [the city of Bucha, Kyiv oblast](#), in a 16-year-old girl who is known to have previously travelled to Europe.
- A resident of [the city of Boyarka, Kyiv oblast](#), was diagnosed with a laboratory-confirmed case of West Nile fever. The patient has not travelled abroad or outside the Kyiv oblast in the past month, which indicates possible presence of the infection in the area.

ATTACKS ON HEALTH

Verified reports of attacks (as of 10 August 2022) For further information, click [here](#).

445
Attacks

86
Deaths

105
Injuries

1
Countries & Territories

Impact

374
ATTACKS IMPACTED FACILITIES

67
ATTACKS IMPACTED TRANSPORT

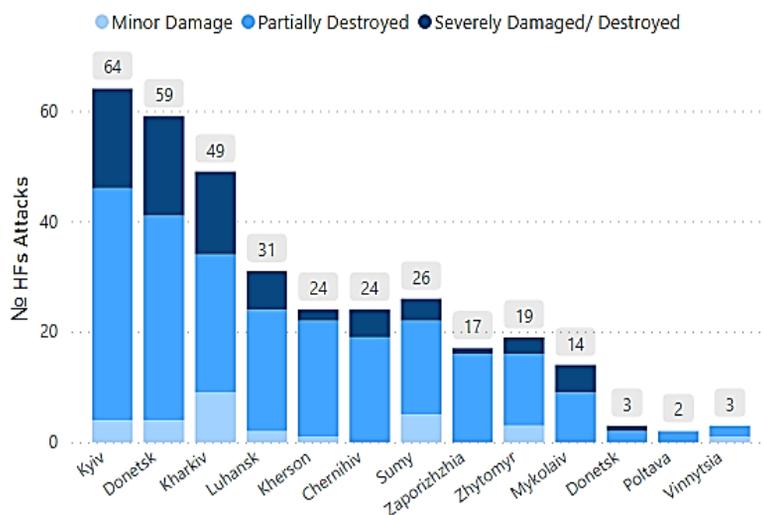
53
ATTACKS IMPACTED PERSONNEL

23
ATTACKS IMPACTED PATIENTS

109
ATTACKS IMPACTED SUPPLIES

12
ATTACKS IMPACTED WAREHOUSES

Damage HF per Oblasts, Ukraine (sort by severely damaged)



HF's Attacked in Oblasts, Ukraine

Oblast, Ukraine	Nº Attacks HF's	Avr Nº of patients treated in HF's Attacked
Poltava	2	4745
Donetsk	3	8054
Vinnytsia	3	8080
Mykolaiv	14	23017
Zaporizhzhia	17	11800
Zhytomyr	19	36455
Chernihiv	24	30086
Kherson	24	20968
Sumy	26	22293
Luhansk	31	30672
Kharkiv	49	78001
Donetsk	59	41590
Kyiv	64	19297
In Total	335	327004

Based on matched HF's names, as of 9 August 2022 there are 302 attacks on health facilities in 11 oblasts (including Kyiv city), 168 health facilities were attacked, on average around 316 thousand patients were treated per month in these health facilities according to pre-war data from eHealth.

UKRAINE COUNTRY OFFICE ACTIONS

Health operations – Emergency Medical Teams (EMT)

- There are currently 22 EMTs from nine organizations. The supporting EMTs are broken down as follows:
 - 5 type 1 mobile health teams
 - 2 type 1 fixed teams
 - 3 specialised surgical teams
 - 4 training teams
 - 4 specialised patient transfer and medevac teams
 - 4 rehabilitation teams
- EMTs are operating in nine oblasts, mainly in the east and northeast, south and the western hub. The main areas of activity continue to be:
 - trauma care (inpatient & outpatient)
 - rehabilitation (including burns and spinal cord injury)
 - mobile health
 - patient transfer and medical evacuation
 - Trainings
- The rehabilitation team has completed their four weeks allocated for its assessment of selected regions of Ukraine. This involved visits to several hospitals, meetings with organizations supporting rehabilitation activities, and high-level MoH engagement.
- Delays continue with the medevac hub in Rzeszów, Poland. There is a need for the facility to serve as both a medevac hub and a repatriation hub.
- Technical guidance was provided to the MoH by the Directorate-General for European Civil Protection and Humanitarian Aid Operations (DG ECHO)/Directorate-General for Health and Food Safety (DG SANTE) with regard to the categorization of patients based on a functional, social and well-being assessment.
- On 22–28 July a total of ten patients received patient transfer and medevac support. Of those, only three underwent international medevac through partners. The others were transferred between facilities from east to west.
- Discussions began with the MoH and DG ECHO to develop a fast-track medevac process based on the experience gained in recent mass casualty events that brings into focus the importance of urgent medevac support.
- Discussions are under way to consider other potential medevac hubs in Romania and Slovakia.
- A training was held on advanced trauma life support (adult and paediatric), basic emergency medicine and trauma, surgical management of penetrating trauma, and tactical emergency casualty care.
- Planning for the national EMT Awareness Workshop is in full swing and the list of participants has been agreed with the MoH.
- Discussions are under way to determine how the EMT Coordination Unit that will sit within the MoH / Centre of Disaster Medicine and the recently approved and funded National EMT Programme, which is a joint initiative by WHO and the Centre for Disaster Medicine, led by the All-Ukrainian Resuscitation Council, will interlink and coordinate with each other.

UKRAINE COUNTRY OFFICE ACTIONS

Health operations – Emergency Medical Services (EMS)/Trauma

- WHO held a training on chemical, biological, radiological and nuclear preparedness and response in the Kyiv region for 35 health-care providers.

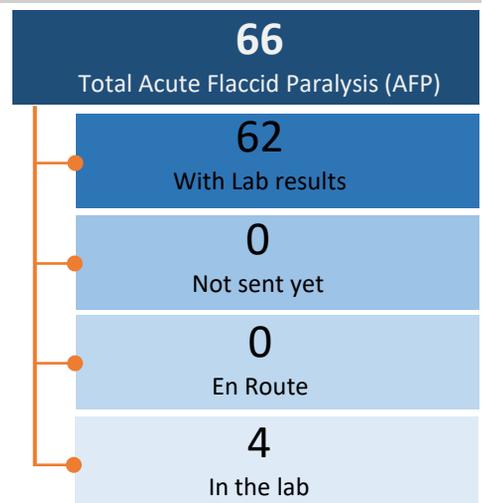
Health operations - Vaccine-preventable diseases and Immunization (VPI)

- WHO has finalized technical and logistic preparations for a joint WHO-UPHC coordination and orientation meeting for UPHC immunization units. Communication trainings are to be conducted during the week of 8 August 2022.
- WHO facilitated communication between the national health authorities and the [COVAX Facility and Gavi](#). During the week, a 2023 allocation forecast was developed and discussed among partners. WHO will provide additional support to the MoH with assessing the country’s needs and preparing an application as part of Gavi’s middle income country strategy.
- WHO has facilitated discussion within the Health Cluster’s Technical Working Group on Communicable Diseases on the implementation of Infection Prevention and Control assessments in IDP shelters and key activities focused on communicable diseases in preparation for the autumn/winter season.
- WHO has distributed printed job aids for health workers in 13 regions on the administration of the Janssen COVID-19 vaccine.

Health operations – Polio

- The number of confirmed cVDPV2* isolates in Ukraine remains at two from acute flaccid paralysis (AFP) cases, with 19 asymptomatic contacts from two oblasts (Rivne and Zakarpattya).
- Four new AFP cases were reported this week. Result of stool samples is being awaited.
- Inactivated polio vaccine catch-up vaccination among children aged from 6 months to 6 years has reached 76%.
- The polio team will make a follow-up visit to the Zakarpattya oblast to review environmental surveillance and discuss laboratory-related challenges.

*Circulating Vaccine-Derived Poliovirus type 2

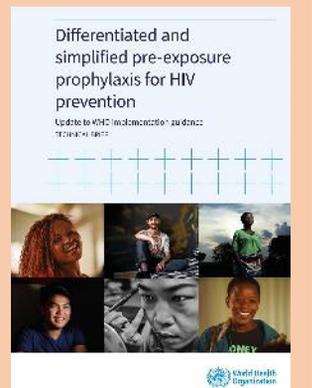
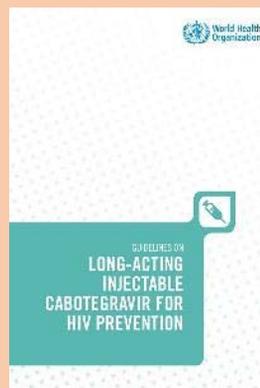
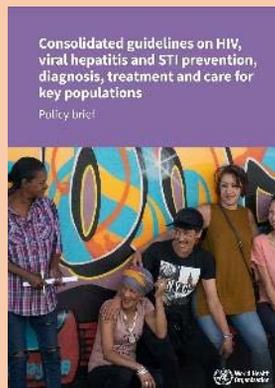


UKRAINE COUNTRY OFFICE ACTIONS

Health operations – HIV/Tuberculosis

- The following WHO documents on AIDS have been released and are being translated into Ukrainian:

1. [WHO policy brief for key population guidelines on HIV, viral hepatitis, and STI prevention;](#)
2. [Cabotegravir long acting as PrEP](#)
3. [WHO PrEP differentiated service delivery/simplification guidance](#)
4. [Virtual interventions policy brief by WHO/UNAIDS](#)



- WHO presented its latest guidelines on a long-acting injectable Pre-Exposure Prophylaxis (PrEP) formulation called cabotegravir. The session was attended by over 50 participants from Ukraine, including medical doctors from the Ukrainian PrEP network, civil society partners, and donors.
- The Ukrainian Public Health Centre (UPHC), in cooperation with WHO, the National Institute of Phthysiology and Pulmonology, and OATH NGO, has launched the operational research titled “Evaluation of the effectiveness and safety of treatment of rifampicin-resistant tuberculosis with the BPAL regimen in Ukraine.” It will be carried out in 18 regions, with technical support from the Global Fund to Fight AIDS, Tuberculosis and Malaria.
- WHO is facilitating donations of opioid substitution therapy medicines, including new formulations that enhance access and quality of care in the country.

UKRAINE COUNTRY OFFICE ACTIONS

Health operations – Health Cluster/Partner updates

- Since 15 April the Health Requests, Planning and Response tool ([HRPR](#)) has been revised and upgraded, and 240 requests have been logged since the launch.
- As of 19 July Health Cluster Partners have reported completed and/or ongoing activities in **571 Ukrainian settlements** reaching **4.6 million** people. Health Cluster Ukraine collected 5W (who, what, where, when, why) data from **152 implementing Partners**; **136 Partners** reported completed and/or ongoing status of health activities, **24 reported planned activities**.

- Pipeline data collected by the Health Cluster from Partners contribute to the inter-Cluster effort to coordinate the delivery of supplies. As of 5 August, **29 Partners** have contributed information on the status of supplies in the pipeline (delivered, to be delivered and ready for shipment).

Medicines, Medical supplies & Equipment				
Status	Items	Kits	Metric tonne	USD
Delivered	29 250 761	99 836	3450	12.3M
To be Delivered	737 626	31 994	564	4.0M
To be Shipped	2 416 153	105	144	12.1M

- Health Cluster Ukraine, in collaboration with WHO, developed **two rapid health needs assessment tools**, one aimed at collecting information from households and another designed to be answered by key informants from communities or shelters.
 - **Household level assessment:**
 - ✓ Five Health Cluster Partners conducted 276 interviews across eight oblasts: Donetsk, Dnipropetrovsk, Poltava, Zhytomyr, Vinnytsya, Rivne, Chernivtsi, and Lviv.
 - **Community/Shelter level assessment:**
 - ✓ Five Health Cluster Partners conducted 103 interviews across nine oblasts: Donetsk, Zaporizhzhya, Dnipropetrovsk, Poltava, Cherkasy, Vinnytsya, Khmelnytsky, Chernivtsi and Lviv.
 - ✓ Preliminary analysis was presented at the national Health Cluster meeting on 18 May.
 - ✓ In preparation for the next round of data collection using the Health Cluster Rapid Health Needs tools, two partner briefing sessions were held on 21 and 22 July.
 - ✓ The second round of the data collection period began on 3 August and will run until 23 August.
- Updates to the Public Health Situation Analysis (PHSA) for Ukraine were published on **29 April (ENG and UKR)** and **1 August**, adding depth to the information presented in the previous version, tracking changes in the situation, considering additional threats, and incorporating data from assessments.
- The May–July [Health Cluster Bulletin](#) was published last week. The bulletin highlights snapshots of various partner organization activities across Subclusters (Eastern, Central-West, Southern and Northern/national coordination) as well as their coordination and collaboration on Health Cluster activities through the Technical Working Group. The bulletin will be updated monthly.

UKRAINE COUNTRY OFFICE ACTIONS

National laboratories

- WHO has completed procurement and delivery of the Bio-Rad CFX96 Dx Real-Time PCR System thermal cycler to the UPHC. This purchase was made as part of the WHO / MoH agreement and aimed to maximize the technical potential of the UPHC reference laboratory.
- The webinar titled “Sample preparation for PCR analysis” was held on 5 August, with 117 laboratory specialists participating. The webinar reviewed protocols for pre-treatment of wastewater and faeces, as well as correct timing of sampling and proper location, as well as the impact of diet, antibiotic therapy and medical procedures on PCR results.
- The WHO Country Office continues to provide technical support for next-generation sequencing at the UPHC. As a result of sequencing and analysis of 72 SARS-CoV-2 samples, the following variants were identified: BA.4.1, BA.5.1, BA.5.2, BA.5.2.1, BE.1.1, BF.5, B.1.1.529, BA.1.19, BA.1.1, BA.2, BA.2.9., BA.2.9.2, BA.2.11, BA.2.3, BA.1.1.18, and BA.2.12.1. Sixty-five genome sequences of previously sequenced SARS-CoV-2 samples were uploaded to the GISAID database.
- A standard operating procedure (SOP) titled “Preanalytical stage of haematological tests. Clinical blood test (haematology analyzer)” was drafted in Ukrainian and is being translated into English. This SOP is intended to reduce the number of laboratory errors at the preanalytical stage of laboratory testing and to standardize the process.

Communications

- From 1 to 7 August the WHO CO published 41 Twitter posts and 18 Facebook posts that received a total of 118 410 and 41 270 impressions, respectively, covering topics such as World Breastfeeding Week; WHO reports on public–private partnerships; WHO’s Response to the Ukraine Crisis; Public Health Situation Analysis; Ukraine’s Health Cluster Bulletin; vacancies; announcement of the allocation by USAID of US\$ 1.8 million to Ukraine; generators being provided to hospitals across Ukraine; health attacks; and WHO and EU partners’ joint field mission to the city of Chernihiv and the Chernihiv oblast.
- **Media**
News about additional US\$ 1.8 million allocated by USAID for WHO to support the continuity of health care in Ukraine was disseminated via national media with more than 20 media publications. For more information, click [here](#).
- **Social listening**
 - Rumours related to COVID-19 lockdowns during the war, new COVID-19 vaccination requirements for air travel, and Amnesty International research findings related to international humanitarian law violations by the Ukrainian army are being monitored and evaluated.
 - There are conversations among health-care workers about the lack of funding for health-care facilities.
 - War-related disease search monitoring is ongoing.
 - Pre-launch testing of the chatbot HealthBuddy+ on the web platform, Telegram and Viber is under way

UKRAINE COUNTRY OFFICE ACTIONS

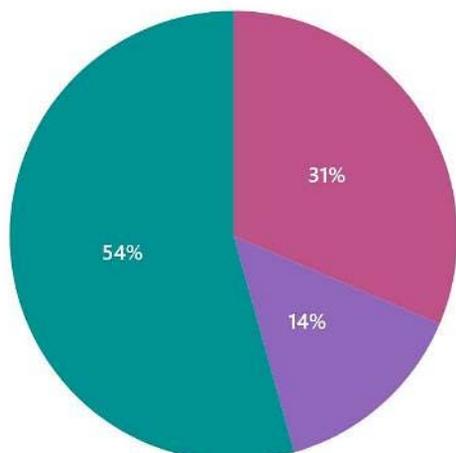
Operational Support and Logistics - OSL

- As of 8 August WHO warehouses in multiple locations have received medical supplies with a value of over US\$ 4.8 million and a total weight of more than 18.26 metric tonnes.
- On 1–8 August medical supplies and equipment with a total value exceeding US\$ 948 860 and a total weight of more than 44 metric tonnes were delivered to 11 oblasts and various medical institutions. The shipments included noncommunicable diseases kits, trauma and emergency surgery kits, laboratory items and medicines, etc.
- WHO participated in a meeting with the MoH on the allocation of donated financial resources for health-care system needs, including the procurement of Type C ambulances.
- WHO provided support to the DG ECHO mission in Ukraine from 1 to 5 August, which included a meeting with Deputy Minister of Health Oleksii Iaremenko.
- WHO prepared a supply plan for the DG ECHO and German Fund award.
- Coordination has begun for the distribution of WHO supplies using demand data provided by the MoH's MedData stock management system.



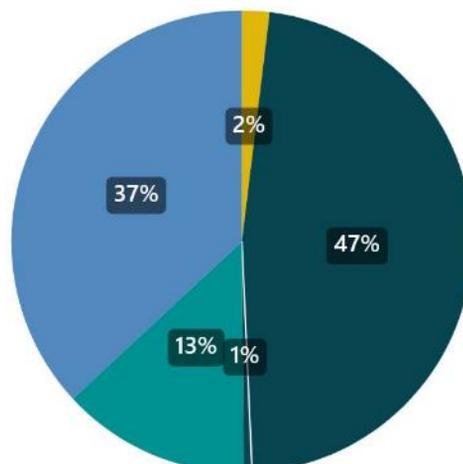
Percentage by Shipment Status of Items Inbound to Ukraine

● Sourced ● Ready to ship ● In transit ● Arrived



Percentage by Distribution Status of Items Outbound within Ukraine

● Transit warehouse ● Stock ● shipped ● Received ● In transit

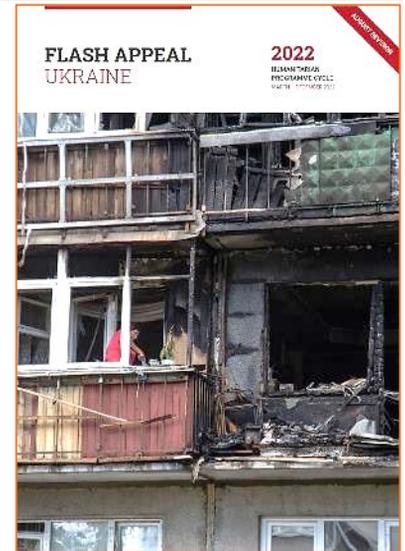


UKRAINE COUNTRY OFFICE ACTIONS

Key links and useful resources

The UN Office for the Coordination of Humanitarian Affairs released the third iteration of the Flash Appeal for Ukraine, which was originally published on 1 March 2022 and revised once in mid-April. This updated Flash Appeal covers the period of 10 months following the onset of the war in Ukraine that started on 24 February 2022 (i.e., from March to December 2022). The financial requirement of this Flash Appeal reflects the humanitarian needs from March until the end of 2022, taking into account the funding status and the response achievements to date, as well as the realistic projection of response capacity in the second half of the year.

The smaller set of prioritized activities outlined in the “Winter Priority Procurement and Repair Plan”, which was released at the end of June 2022, has been folded into this Flash Appeal and complemented by other critical winterization and winter-specific interventions. For further information, click [here](#).



The Health Cluster recently released the July Update of its [Public Health Situation Analysis \(PHSA\) for Ukraine](#). This resource document is intended to provide all health sector partners with a common and comprehensive understanding of the public health situation to inform evidence-based collective humanitarian health response planning. Initially published on 3 March and updated on 29 April, the July Update adds depth to the information presented in the previous versions, tracks changes in the situation, considers additional threats, and incorporates data from assessments.



Highlights include risk analyses and overviews of key health threats and disruptions to the health system, outlines of vulnerable populations and health determinants, and a brief summary of the health response.

- **Online courses & knowledge-transfer platform**
For updated interactive, web-based, online courses, click [here](#).
- **Emergency Medical Teams (EMT)**
For updated EMT network activities, click [here](#).
- **WHO Publications and Technical Guidance**
For updated WHO Publications and Technical Guidance on technological hazards and health risks in Ukraine, click [here](#).

WHO Ukraine Contacts

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*Corrigendum: the following correction was made on 11 August 2022: the text "36.4% – against HIV infection" was removed from the first paragraph on page 2.