WAR IN UKRAINE
Situation report from WHO Ukraine country office

Issue No. 40
11 January 2023 17H00 CET

WHO UKRAINE COUNTRY OFFICE

BY THE NUMBERS (since 24 February):

- 17.7 M AFFECTED
- 17 139 782 LEFT UKRAINE (UNHCR)
- 11 144 INJURED (OHCHR)
- 6952 CONFLICT-RELATED DEATHS (OHCHR)

HIGHLIGHTS

- 2485 MT SUPPLIES PROCURED
- USD 4.3 BILLION FUNDING REQUESTED
- 192 HEALTH CLUSTER PARTNERS
- 11.5 MILLION TARGET POPULATION
- 1734 PATIENTS RECEIVED TRANSFER & MEDEVAC SUPPORT
- 745 VERIFIED ATTACKS ON HEALTH
- 33 NUMBER OF AMBULANCES DELIVERED Since 1 March 2022
- 64 NUMBER OF GENERATORS DELIVERED Since 1 March 2022
- 179 NUMBER OF PERSONNEL DEPLOYED & REPURPOSED IN UKRAINE

WHO has joined two UN inter-agency humanitarian convoys that delivered surgical kits and kits for injury treatment, trauma care equipment as well as medicines for the treatment of chronic diseases to the villages of Novorais’k and Nova Kam’yanka in the Kherson oblast. These health supplies ensure the provision of health-care services at primary, prehospital and hospital level during emergencies, hostilities and mass casualty surges. Financial support was provided by EU Neighbourhood & Enlargement and USAID Ukraine. For further information, click here.

©WHO

©OCHA
Following Russia’s invasion of Ukraine, 7,915,287 refugees from Ukrainians are recorded in European countries as of 3 January 2023. UNHCR reported that since 24 February 2022, there have been more than 17 million border crossings from Ukraine, and more than 9.1 million border crossings into Ukraine have occurred since 28 February 2022. UNHCR notes that the majority of Ukrainians refugees crossed the border into Poland – 8.6 million – of which 1.5 million have officially registered in the country, and 6.5 million have since returned to Ukraine.

The Ministry of Social Policy stated that 4.9 million displaced people are registered in Ukraine, of which more than 3.5 million acquired this status after 24 February 2022. According to the Ministry, more than 1.8 million displaced people received housing assistance in the past year. More than 57 billion hryvnias was allocated for this purpose in the state budget.

Deputy Minister of Health Mariia Karchevych said that more than one billion hryvnias has already been raised for the needs of Ukraine’s health-care system through the UNITED24 initiative. The funds collected were used to purchase, among other things, 133 ambulances with equipment for transporting the seriously injured, 13 armoured medical evacuation vehicles, 35 transport ventilators, 28 paediatric ventilators, 81 operating tables, 7954 external fixation devices, and 172 negative pressure wound therapy devices. In addition, according to the Deputy Minister, during martial law, Ukraine received 10,500 tonnes of medical humanitarian aid valued at 12.8 billion hryvnias from more than 30 countries, international and partner organizations, domestic and foreign businesses, and directly from health-care facilities in other countries. For further information, click here.

The situation on the front line and in recently retaken areas remains extremely difficult. People are forced to live without heating, gas and electricity. In addition, the local population cannot receive the necessary medical care in a timely manner.

Sixteen hospitals in Mykolayiv have been damaged or destroyed by shelling since the beginning of the year. A hospital in Kupiansk sustained significant damage to its main building. Only the outpatient department is currently available in the city.

Leadership & Coordination

The WHO Representative (WR) a.i. in Ukraine continued high-level engagement with the MoH, authorities and partners in Kyiv on the health agenda, holding numerous discussions to evaluate the last year and plan for 2023.

The WR a.i. attended a high-level meeting with UN agencies and nongovernmental organizations on humanitarian coordination, security and other intercluster decisions on priority support in the new year.

The Incident Manager a.i. coordinated WHO presence in a UN-led interagency convoy to recently retaken areas in Kherson as part of the UN Humanitarian Operation Planning and Coordination team.
HEALTH INFORMATION

Conflict-related health information

- As of 10 January 2023, the Office of the UN High Commissioner for Human Rights (OHCHR) recorded:
  - 6952 civilians killed (2758 men, 1857 women, 176 girls, and 220 boys, as well as 35 children and 1906 adults whose sex is yet unknown); and
  - 11 144 civilians injured (2425 men, 1739 women, 234 girls, and 322 boys, as well as 254 children and 6170 adults whose sex is yet unknown).

- According to the United Nations High Commissioner for Refugees, as of 3 January over 17 million cross-border movements to neighbouring countries, of whom just over 8.6 million and over 1.7 million crossed the border to Poland and Hungary, respectively.

Local media monitoring

- The Ukrainian Public Health Centre (UPHC) has provided operational emergency response centres and rapid response groups, created on the basis of Oblast Centers for Disease Control and Prevention (OCDCs), with the necessary equipment and means of personal protection to respond to chemical, biological, radiological and nuclear emergencies. The UPHC provided the OCDCs with modern equipment in the maximum configuration and means of personal protection, which would make it possible to diagnose chemical, biological, radiological, and nuclear threats, and to carry out work to respond to any emergencies they involve. Special trainings and educational events on the effective and safe use of the equipment and personal protective equipment received are planned for members of emergency response operational centres and rapid response groups. For further information, click here.

- The Ministry of Health (MoH) received another batch of 10 ambulances from Epicenter K, which brings the total number to 40. They are equipped with defibrillators, electrocardiographs, pulse oximeters, infusion machines, blood glucose monitors, stationary oxygen cylinders and portable ventilators – everything that is needed to support the life of the wounded during transportation to the hospital. “I am sincerely grateful to everyone who joined the Saving Lives initiative and continues to support it. At this time, everyone’s contribution is invaluable. With the joint efforts of the state, socially responsible businesses and caring citizens, we strengthen our medical front and enable doctors to provide assistance to Ukrainians injured in the war. The ambulances we received earlier are already saving the lives of Ukrainians. Today there will be 10 more of them, and therefore more lives will be saved”, said Minister of Health Viktor Liashko. For further information, click here.

- Through the Affordable Medicines Programme, 10 million prescriptions totalling 2.2 billion hryvnias were paid for last year. The Affordable Medicines Programme is a state reimbursement of funds for drugs dispensed by pharmacies for people with chronic diseases. The programme allows Ukrainians to receive medicine free of charge or for a small fee. This applies, in particular, to patients with severe chronic diseases such as cardiovascular disease, type 2 diabetes, bronchial asthma, mental and behavioural disorders, epilepsy and others. The programme has become even more important since the outbreak of the war. It enables Ukrainians to receive medications in a critical situation. So far, medication coverage has been provided for residents of the recently retaken Kharkiv region and parts of the Kherson region. For further information, click here.
During the reporting week, an increase in influenza cases among children was reported in Chernivtsi, as a result of which the infectious disease department of the oblast children’s hospital is at 95–100% capacity. For more information, click here.

In the Cherkasy oblast, from 26 December to 1 January, a total of 5559 people were reported ill with influenza and acute respiratory viral infection (ARVI), which represents about 5.0% of the oblast’s total population. There has been a 10% increase in the number of cases compared to the previous week. For more information, click here.

From 23 to 29 December a total of 7183 people in the Dnipropetrovsk oblast were reported ill with ARVI, which represents a 31% increase compared to the previous week. Similarly, the number of hospitalized adults and children increased by 22% and 27%, respectively. For more information, click here.

As of 5 January, the average daily number of new COVID-19 cases is at 424 a decrease from 487 per day in the previous week. The seven-day average daily polymerase chain reaction (PCR) tests performed decreased to 2223 from 2701 in the previous week (compared to 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.

During the reporting week, an increase in influenza cases among children was reported in Chernivtsi, as a result of which the infectious disease department of the oblast children’s hospital is at 95–100% capacity. For more information, click here.

In the Cherkasy oblast, from 26 December to 1 January, a total of 5559 people were reported ill with influenza and acute respiratory viral infection (ARVI), which represents about 5.0% of the oblast's total population. There has been a 10% increase in the number of cases compared to the previous week. For more information, click here.

From 23 to 29 December a total of 7183 people in the Dnipropetrovsk oblast were reported ill with ARVI, which represents a 31% increase compared to the previous week. Similarly, the number of hospitalized adults and children increased by 22% and 27%, respectively. For more information, click here.
Situation report from WHO Ukraine country office

Issue No. 40
11 January 2023 17H00 CET

WHO UKRAINE COUNTRY OFFICE

WHO ERF GRADE 3

ATTACKS ON HEALTH

Verified reports of attacks (1 January 2022 to date) For further information, click here.

UKRAINE COUNTRY OFFICE ACTIONS

Operational Support and Logistics - OSL

- As of 5 January WHO warehouses in multiple locations have received medical supplies with a value of over US$ 55.9 million and a total weight of over 1844 metric tonnes. They included Trauma and Emergency Surgery Kits (TESK) 2019, WHO trauma bags, Interagency Emergency Health Kits (IEHKs) and other items.
- On 30 December 2022 – 5 January 2023 medical supplies and equipment with a total value exceeding US$ 763 615 and a total weight of more than 7.4 metric tonnes were delivered to 18 oblasts across Ukraine. They included IEHKs, trauma/surgery supplies (TESK 2019, surgical instruments etc.), noncommunicable disease kits, personal protective equipment, communicable disease supplies (for measles and rubella), three Nissan Leaf vehicles, and four generators.

Estimated Impact of Basic Healthcare and Trauma Kits

These numbers should be considered as estimates for the potential impact of the kits delivered to the Ukraine. Calculations and assumptions have been applied based on the number of applicable modules purchased for each of the types of kits. Please note that these numbers are derived from the number of kits delivered to Ukraine, and in the "Kit Impact by Oblast" page onward to Oblasts, not distributed to facilities, as that data is not available for wide consumption.
WHO UKRAINE COUNTRY OFFICE

UKRAINE COUNTRY OFFICE ACTIONS

WHO supports OCDCs and hospital laboratories in the repair and calibration of laboratory equipment. One autoclave and one biosafety cabinet were repaired in the Rivne OCDC and Clinical and Diagnostic Laboratory and in the Ternopil Oblast Hospital, respectively.

The WHO Country Office (CO) continues to assess the basic quality and biosafety requirements of the diagnostic laboratories using the WHO Laboratory Assessment Tool for laboratories implementing COVID-19 testing (LAT). An assessment of the Clinical and Diagnostic Laboratory (CDL) at the Kyiv City HIV/AIDS Center was conducted on 23 December. The laboratory performs a wide range of tests for HIV infection monitoring, laboratory monitoring of the effectiveness of antiretroviral therapy, detection of HIV antibodies, confirmatory HIV tests, viral hepatitis detection, and COVID-19 testing. Recommendations were provided on the sample flow process and equipment placement in accordance with Good Laboratory Practice and WHO recommendations.

Whole genome sequencing was performed, followed by the analysis of 72 SARS-CoV-2 samples collected in autumn 2022. The following variants were identified: BA.5.1, BA.5.1.2, BA.5.1.5, BA.5.2, BA.5.2.1, BA.5.2.3, BA.5.2.34, BA.5.2.6, BE.1.1, BF.10, BF.28, BF.5, BF.7. The sequenced and analysed genome sequences of SARS-CoV-2 samples were uploaded to the GISAID database.

A standard operating procedure (SOP) titled “Loading the chip for sequencing on the Ion S5 Sequencer” was drafted in English. The SOP will standardize the manual chip loading procedure for sequencing on the Thermo Fisher Ion Torrent S5 sequencer, including SARS-CoV-2 genome sequencing using next-generation sequencing.
WHO UKRAINE COUNTRY OFFICE

UKRAINE COUNTRY OFFICE ACTIONS

Health operations – Health Cluster/Partner updates

- Since its launch on 15 April, the Health Requests, Planning and Response tool (HRPR) has been revised and upgraded, and 455 requests have been logged overall, with ten oblasts logging their largest numbers in the past two months. The oblasts with the largest number of requests were Mykolayiv, Dnipropetrovsk and Zhytomyr.

- On 4 January Health Cluster Ukraine held its first National Coordination Meeting of 2023, which was attended by over 150 people.
  - WHO presented the recently published Risk assessment for winter in Ukraine, elaborating on the impacts of winter on health in the context of the ongoing war.
  
- The preliminary subnational Cluster Coordination Performance Monitoring (CCPM) results were presented for discussion on the ways to improve and Partner suggestions. The national and subnational CCPM feedback gathered in December 2022 will be incorporated in the Health Cluster workplan for 2023.
  
- The Sexual and Reproductive Health and Maternal and Child Health Technical Working Group presented the strategy for 2023. It includes the formation of a subgroup on the clinical management of rape, planned trainings and workshops to ensure that the minimal initial service package for sexual and reproductive health is met and that providers are well equipped in humanitarian settings (with a quick return to comprehensive care).

- The United Nations Office for the Coordination of Humanitarian Affairs (OCHA) presented the requirements for the upcoming Ukraine Humanitarian Fund (UHF) First Reserve Allocation, followed by a presentation of Health Cluster priorities for UHF project proposals.

- To simplify and facilitate Partner activity reporting, Health Cluster Ukraine is transitioning from 5W (What, Where, When, Who, Why) reporting to the ActivityInfo platform. To introduce the new platform, the Health Cluster has planned a series of training sessions to familiarize Partners with the new tools. The second session of the training series will be held online on 16 January, in both English and Ukrainian.
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).

- As of 2 January four additional AFP cases were reported in three oblasts (Kirovohrad: two; Volyn: one; Odesa: one).

- Results of inactivated polio vaccine round two vaccination of children aged from six months to six years as of 25 December:
  - first dose: 9425
  - second dose: 9864

- The polio risk assessment data tools have been finalized and shared with the UPHC, and they are ready for deployment to the oblasts.
Communications

From 16 December to 10 January the WHO CO published 20 Twitter posts and 19 Facebook posts that received a total of 135,000 impressions on Twitter and a Facebook page reach of over 80,000, covering topics such as: WHO support of emergency medical teams, WHO deliveries of critical life-saving medical supplies to Bakhmut in the Donetsk region, to Kherson, Novorais’sk and Nova Kamyanka in the Kherson region, and to Orikhiv in the Zaporizhzhya region; scaling up mental health and psychosocial support in war-affected regions: best practices from Ukraine, WHO promotion of knowledge sharing across Ukraine’s health sector during the war, provision by WHO of assistive products for thousands of displaced people in Ukraine, delivery of 100,000 doses of the Janssen (Jcovden) COVID-19 vaccine to Ukraine under COVAX, WHO training of health-care workers on mass casualty and trauma care during the war, new WHO study about the reasons for disrupted access to medicines and medical devices during the early stages of the war in Ukraine, new Health Cluster Bulletin, joint discussion paper on the priorities of health system recovery in Ukraine, WHO trainings on stress management, and the national mental health programme.

Social listening

- The following rumours are being monitored and evaluated.
  - A new regulation was initiated by the Kyiv region health-care administration on 2 December to cease planned hospitalizations as of 1 December until the administration resolves otherwise by way of a special order.
- Risks related to blackouts:
  - increased mortality rates due to lack of access to emergency medical support resulting from disrupted telecommunication services;
  - increased trauma cases due to explosions of self-installed gas cylinders in residential areas, without observing safety standards and without state authority approval;
  - increased trauma cases due to lack of street lighting; and
  - increased motor vehicle fatality rates due to lack of street lighting
- COVID-19 discussion is being revived with a new wave of rumours related to post-vaccination topics, such as increased post-vaccination mortality rates and increased post-vaccination syndrome rates.
- War-related disease searches are being monitored.

Media

News stories
- WHO-supported emergency medical teams begin work in newly regained areas in Ukraine.
- WHO provides assistive products for thousands of displaced people in Ukraine.
- WHO promotes knowledge sharing across Ukraine’s health sector during the war.
WHO UKRAINE COUNTRY OFFICE ACTIONS

eLearning platform

OpenWHO.org: Free online courses in Ukrainian supporting health emergency response

<table>
<thead>
<tr>
<th>Metric</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total number of Ukrainian language courses</td>
<td>22</td>
</tr>
<tr>
<td>Total number of enrolments in Ukrainian courses</td>
<td>5303</td>
</tr>
<tr>
<td>Total number of certificates issued in Ukrainian courses</td>
<td>1871</td>
</tr>
<tr>
<td>Total number of digital badges issued in Ukrainian courses</td>
<td>411</td>
</tr>
</tbody>
</table>

Key links and useful resources

- **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

- WHO Representative, Jarno Habicht, habichtj@who.int
- WCO acting Incident Manager, Emanuele Bruni, brunie@who.int
- WCO WHE Lead, Guillaume Simonian, simoniang@who.int

Document number: WHO/EURO:2023-5319-45083-67956

© World Health Organization 2023. Some rights reserved. This work is available under the CC BY-NC-SA 3.0 IGO license.

Corrigendum: the following changes were made to the electronic file on 12 January 2023:

Page 1: WHO key figures: 157 Health cluster partners replaced by 192 Health cluster partners.
Page 5: Attacks on health:
  - (as of 30 November 2022) replaced by (1 January 2022 to date)
  - 715 Attacks replaced by 745 Attacks; 100 Deaths by 101 Deaths; 129 Injuries by 131 Injuries.