WAR IN UKRAINE
Situation report from WHO Ukraine country office
Issue No. 10
15 June 2022 17H00 CET

WHO UKRAINE COUNTRY OFFICE
WHO ERF GRADE 3

BY THE NUMBERS (since 24 February):

18 M
AFFFECTED

7 514 460
LEFT UKRAINE

5 531
INJURED

4 452
CONFLICT-RELATED DEATHS

WHO KEY FIGURES

HIGHLIGHTS

- To ensure access to primary care and medicines in the affected areas of the Kyiv region, the WHO Representative in Ukraine, in partnership with the Ministry of Health (MoH) of Ukraine and the Academy of Family Medicine of Ukraine, launched a project to support primary medical care through mobile medical points for the populations of Bucha, Irpin, Hostomel, Makariv, Borodianka, Dymer, Ivankiv and other surrounding communities. For more information, click here.

- WHO held a two-day meeting on strategic planning for wartime health-care funding in Ukraine. The event provided an opportunity to review the strategy of the National Health Service of Ukraine (NHSU) on the regions’ current needs for health financing and have a discussion on adapting the electronic health-care system, monitoring systems, the Package of Medical Guarantees, contracting as well as determining the cost of primary care services and the sustainability of the health-care financing system in Ukraine. For more information, click here.

- Representatives of WHO, the World Bank, the MoH of Ukraine and the NHSU held a meeting to discuss analytical tools and scenarios regarding the sustainability of funding the corps of health resources in Ukraine and preparedness for fiscal consolidation. The event was organized with financial support from the European Union (EU), the Governments of Canada and Switzerland, and the EU–Luxembourg–WHO Universal Health Coverage Partnership. For more information, click here.
**SITUATION UPDATE**

- The Head of the Luhansk Regional Military Administration, Serhiy Haidai, stated that the oblast’s entire gas, electricity and water supply infrastructure has been destroyed. For more information, click here.

- Yuriy Romaskevych, the acting Director-General of the Kherson Regional Center for Disease Control and Prevention of the MoH, reported that the water quality in the Dnipro River in the Kherson oblast has deteriorated sharply in terms of microbiological indicators and that there is a risk of an infectious disease outbreak. For more information, click here.

- Igor Kuzin, Ukraine’s Chief State Sanitary Doctor, reported that increased monitoring of cholera development started in Ukraine on 1 June and that the country’s health-care system has a sufficient supply of medicines to contain a potential cholera outbreak. For more information, click here.

- “As of today, no suspicion or confirmed case of monkeypox has been recorded in Ukraine. Relevant instructions on the clinical course, treatment algorithms, epidemiological surveillance and laboratory diagnostics were brought to the attention of health departments and disease control and prevention centres a week and a half ago. Currently, the diagnosis is based only on clinical manifestations, by the end of the month, we expect PCR tests from the World Health Organization, we will have them in reserve in case of a need for diagnosis,” said Dr Kuzin. For more information, click here.

- About 15 million Ukrainians will need psychological support due to the full-scale war, and 3–4 million will need medical treatment for mental disorders. For more information, click here.

**Leadership & Coordination**

- The WHO Representative is in Kyiv for high-level engagement with the MoH and the Office of the Prime Minister.

- The WHO Representative briefed members of the diplomatic community and embassies in Kyiv on the ongoing WHO health emergency response and recovery activities.

- At the request of the MoH, WHO in Ukraine has prepared an informative video explaining how to obtain data on vaccinations for internally displaced persons (IDPs) and people who have left the country as a result of the Russian Federation’s full-scale war against Ukraine. For more information, click here.

**Local media monitoring**

- The head of the Lviv Regional State Administration, Maksym Kozytskyi, stated that the city is preparing a plan of action in case of a cholera outbreak. For more information, click here.

- As of 6 June, the Ivano-Frankivsk oblast was reporting a shortage of vaccines against hepatitis B, poliomyelitis (polio), tuberculosis, diphtheria and tetanus, with a delivery expected between June and July. The shortage is primarily due to challenges with receiving supplies from large warehouses in Kyiv, Dnipropetrovsk and other cities. For more information, click here.
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HEALTH INFORMATION

Conflict-related health information

- As of 14 June 2022, the Office of the UN High Commissioner for Human Rights (OHCHR) recorded:
  - 4452 civilians killed (1712 men, 1144 women, 107 girls, and 106 boys, as well as 67 children and 1316 adults whose sex is yet unknown); and
  - 5531 civilians injured (1130 men, 785 women, 124 girls, and 163 boys, as well as 172 children and 3157 adults whose sex is yet unknown).

- According to the United Nations High Commissioner for Refugees, as of 13 June over 7.5 million Ukrainians crossed the border to neighbouring countries, of whom just over 3.9 million and 0.7 million crossed the border to Poland and Hungary, respectively.

Surveillance

COVID-19 and other communicable diseases

- As of 12 June, the average seven-day number of polymerase chain reaction tests performed decreased from 42 460 to 970 (an increase from 786 conducted tests in the previous report), while the average number of new COVID-19 cases is slightly decreasing, with 153 per day reported in the last seven days (229 in the previous report), compared to 24 629 as of 24 February.

- In period from 27 May to 2 June, 2323 people contracted severe acute respiratory infections (SARI) in the Dnipropetrovsk oblast, including suspected COVID-19, of which 724 (31.2%) were children under 17 years of age, with an incidence rate of 74.01 per 100 000.

- The incidence of COVID-19 in the Chernivtsi oblast decreased by 21.8% compared to the previous week. Similarly, COVID-19 incidence decreased in the Volyn oblast but the incidence of other infectious diseases, such as acute gastrointestinal infections, is increasing.
ATTACKS ON HEALTH

Verified reports of attacks (as of 14 June 2022) For further information, click here.

- 295 Attacks
- 76 Deaths
- 59 Injuries
- 1 Countries & Territories

Impact:
- 249 Attacks Impacted Facilities
- 50 Attacks Impacted Transport
- 14 Attacks Impacted Patients
- 61 Attacks Impacted Supplies
- 29 Attacks Impacted Personnel
- 10 Attacks Impacted Warehouses

Based on matched HFs names, as of 13.06.2022 there were 233 attacks on health facilities in 11 oblasts (including Kyiv city), 137 health facilities were attacked, in health facilities attacked on average around 272 thousand patients were treated per month.
WHO UKRAINE COUNTRY OFFICE ACTIONS

Health operations – Emergency Medical Teams (EMT)

- Between 30 May and 6 June five international EMTs collaborated and conducted seven operations related to 18 patients (five ICU patients). The following transfers and evacuations were reported by CADUS, Global Response Management, the International Rescue Team and Ukraine–We Are Here: medical evacuations from Dnipropetrovsk to Lviv: six (three ICU) patients; convoy to Rzeszów: seven (two ICU) patients; single convoy from Lviv to Chişinău: three patients.

- Burn care and bedside support training commenced at the Lviv specialized hospital on 6 June, with 24 staff, who will also receive follow-up mentoring sessions. The topics include: advanced trauma life support (adults and paediatrics), basic emergency medicine and trauma, surgical management of penetrating trauma, and tactical emergency casualty care. The WHO EMT Focal Point met with the MoH in Kyiv to look at workstream planning for the response activities and planning for national EMTs and the establishment of coordination within the Emergency Operations Center.

Health operations – Emergency Medical Services (EMS/Trauma)

- Fifty kits of six assistive technology products (AT6): elbow crutches, axilla crutches, walking frames, walking sticks, wheelchairs for hospital transportation, and toilet/bath chairs were delivered to hospitals in eastern Ukraine providing acute trauma care (the Kharkiv, Zaporizhzhya, Mykolayiv, Dnipropetrovsk and Poltava oblasts). The delivery of the AT6 kits was approved by the MoH of Ukraine and synchronized with the delivery of external fixators. The kits were accompanied by Ukrainian-language instructions for prescribing, fitting, training on the use of the supplied assistive products.

- WHO is setting up its sub-office in Vinnytsya to strengthen EMS support in Vinnytsya and the neighbouring oblasts. The hub will also keep a contingency stock of prepositioned emergency medical supplies and support the provision of EMS in the oblast’s rural areas, where a significant number of IDPs have settled.

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

- WHO conducted an immunization session during the Prime Pediatrics Congress, which attracted 8300 participants. The VPI Programme Manager from the WHO Regional Office for Europe and technical officers from the Regional and Country teams delivered presentations, alongside the Ukraine National Immunization Technical Advisory Group.

- The MoH has reactivated meetings of the Task Force on Vaccine-preventable Diseases and Immunization. The WHO CO attended the first meeting since the start of the war and provided updates, mainly on the supply of the Pfizer BNT162b2 COVID-19 vaccine and the Johnson & Johnson/Janssen Ad26.COV2.S [recombinant] COVID-19 vaccine.

- WHO completed the translation and adaptation of the technical handouts on the Johnson & Johnson/Janssen Ad26.COV2.S [recombinant] COVID-19 vaccine. The printed materials will be delivered to each vaccination team to be included in the vaccine implementation process in Ukraine.

- The Rivne region reported 1027 vaccinations performed in 21 IDP locations by WHO support in the second half of May. These included 351 doses of the COVID-19 vaccine, 292 doses of the diphtheria vaccine and 141 doses of the measles, mumps and rubella vaccine.
WHO UKRAINE COUNTRY OFFICE

UKRAINE COUNTRY OFFICE ACTIONS

Health operations – Polio

- The number of confirmed cVDPV2* isolates in Ukraine remains at two from Acute Flaccid Paralysis (AFP) cases and 19 asymptomatic contacts from two oblasts (Rivne and Zakarpattya).
- The last cVDPV2 isolate was from an AFP case with onset on 24 December 2021.
- Inactive Polio Vaccine (IPV) catch up vaccination among 6 months – 6 years is ongoing but progress has been slow.
- Among the reported 54 AFP cases, 38 (70.4%) have received at least two doses of IPV.
- Additionally, 31 (57%) people have received at least two doses of the bivalent oral polio vaccine (bOPV) and 22% (12/54) were unvaccinated.

*Circulating Vaccine-Derived Poliovirus type 2

Health operations – Health Cluster/Partner updates

- Pipeline data collected by the Health Cluster from partners contributes to the inter-cluster effort to coordinate the delivery of supplies.
  As of 2 June, 26 partners have contributed information on the status of supplies in the pipeline (delivered, to be delivered and ready for shipment).
  As of 8 June, Health Cluster partners have reported completed and/or ongoing activities in 414 Ukrainian settlements reaching 2.72 million people. Health Cluster Ukraine had collected 5W (Who, What, Where, When, Why) data from 136 implementing partners; 119 partners reported completed and/or ongoing status of health activities, 17 reported planned activities.

- Several packages of information materials on noncommunicable diseases (NCDs)/self-care were developed with the Ukraine Public Health Centre (UPHC) and disseminated.

- Partners have actively moved towards planning and launching various mobile teams that will partially support the management of NCDs and chronic conditions.

### Medicines, Medical supplies & Equipment

<table>
<thead>
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<th>Status</th>
<th>Items</th>
<th>Kits</th>
<th>Metric tonne</th>
<th>USD</th>
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<td>80,339</td>
<td>665</td>
<td>12.2M</td>
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<tr>
<td>To be Delivered</td>
<td>78,909</td>
<td>9,267</td>
<td>299</td>
<td>3.9M</td>
</tr>
<tr>
<td>To be Shipped</td>
<td>704,058</td>
<td>83</td>
<td>144</td>
<td>12.7M</td>
</tr>
</tbody>
</table>

Type of implementing partners

- International Organization, 3
- National NGO, 61
- International NGO, 36
- UN Agency, 6
- Other, 13

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Health operations - Public Health

- An environmental health scoping mission is being planned to address the broader context of environmental health risk factors, to assess the situation and needs with respect to water, sanitation and hygiene (WASH) as well as infection prevention and control (IPC), and to strategize.

- A set of webinars on chemical hazard risk assessment is being planned together with the WHO Office in Bonn, and will be provided to regional public health institutions (Oblast Centers for Disease Control and Prevention (OCDCP)) in June.

- WHO is supporting the MoH and the UPHC in developing communication materials to raise awareness of risk factors and health protection measures. Specifically, the following materials were developed and published: (i) a brochure titled “How to protect yourself from intestinal infections in the time of war”; and (ii) booklets and posters titled “Food Poisoning Protection”. Cholera-related communication materials are in production.

- Based on the WHO curriculum for training health-care providers “Caring for women subjected to violence” (revised edition, 2021), Clinical management of rape and intimate partner violence survivors. Developing protocols for use in humanitarian settings” WHO country office developed a two-day training package for primary health care (PHC) providers and aims to launch this intervention in cooperation with the MoH, Ukrainian Foundation for Public Health* and the PHC experts through the network of the PHC community – the Academy of Family Medicine of Ukraine.

  The training objectives include:

  ➢ creating the understanding of Sexual Gender Balance Violence (SGBV) as a public health problem;
  ➢ addressing biases against SGBV survivors among PHC professionals;
  ➢ strengthening the knowledge and skills with respect to identifying survivors of SGBV and providing first-line support;
  ➢ providing information on national legislation and guidelines on treatment options for SGBV survivors and on referral networks.

  This intervention is planned within the Canadian project “Strengthening local and national Primary Health Care and Health Systems for the recovery and resilience of countries in the context of COVID-19”.

- WHO is providing technical assistance to the MoH within the strengthening capacity of the Disaster Medicine Centre. A concept paper on the development of the Disaster Medicine Centre is being reviewed.
National Laboratories

- Two SOPs “Coagulation Analyzer Operation” and “Maintaining an automatic haematology analyzer” have been drafted in Ukrainian and translated into English. These SOPs will serve as a guide for laboratories that use this equipment to develop their own SOPs.

- A new SOP “Processing of the Blood Samples for Serology” has been drafted in English, translated to Russian, and shared with WHO experts for review. This SOP describes the processing of whole blood samples for serology. It provides information on different blood fractions, and how they are collected and processed for use in laboratory testing. Two SOPs “Operation of the AGKM-01 Glucose” and “Lactate Analyzer” have been drafted in Ukrainian and translated into English. This SOP is required to standardize the procedure for operating the instrument, which is widely used in clinical laboratories across Ukraine.

- Preparations have begun for two workshops on the basics of polymerase chain reaction (PCR) biosafety and biosecurity. Workshops are scheduled for 20–24 June at the Rivne OCDCP and 27 June–1 July at the Volyn OCDCP. Consumables and reagents needed for practical training were discussed with the supplier and ordered, and lecture materials were updated and translated into Ukrainian.

Communications

- Media interview with the WHO Representative in Kyiv: an interview with the national news agency Ukrinform took place on 9 June. For more information, click here.

- From 6 to 12 June the WHO CO published 20 Twitter posts and nine Facebook posts that received a total of 75 700 and 35 366 impressions, respectively. The coverage included attacks on health care, vacancies, new guidance from WHO and the Ukrainian Public Health Centre for World Food Safety Day; the WHO Regional Office for Europe’s new website; cholera treatments and vaccination supplies in the Mariupol area; delivery of assistive technology kits to Pershotravensk to support acute rehabilitation in Ukraine; WHO and the NHSU’s strategic planning session on health financing in Ukraine; the EMT initiative led by WHO in the health response to the war in Ukraine; and the visit to the Kyiv oblast (Bucha, Moshchun, Havrylivka) to set up mobile medical units to improve access to essential primary health-care services and medicines.

- Field visits were conducted to mobile medical units working to ensure access to primary health-care services in locations in the Kyiv region affected by the war. The following publication was prepared jointly with the MoH of Ukraine, click here.

- Social listening: new semantic vocabulary lists for social listening compiled:
  - War-related
  - War-related diseases
  - Opinion leaders
WHO UKRAINE COUNTRY OFFICE

UKRAINE COUNTRY OFFICE ACTIONS

Operational Support and Logistics - OSL

- As of 14 June over 599 tonnes of supplies have been delivered to the Ukraine humanitarian response, of which 257 tonnes of critical and life-saving supplies have been distributed to the oblasts.
- During Week 22, medical supplies and equipment with a total value exceeding US$ 606,429 and total weight of more than 23.8 metric tonnes were delivered to WHO’s Lviv warehouse.
- During the last week the Cherkasy, Chernihiv, Chernivtsi, Dnipropetrovsk, Donetsk, Ivano-Frankivsk, Kharkiv, Kherson, Khmelnytsky, Kirovohrad, Kyiv, Luhansk, Lviv, Mykolayiv, Odesa, Poltava, Rivne, Sumy, Ternopil, Vinnytsya, Volyn, Zakarpattya, Zaporizhzhya and Zhytomyr oblasts received medical supplies amounting to US$ 420,872 with a total weight of 14.3 MT.
- On 6–11 June an OSL team conducted an assessment in Odesa to establish WHO presence in the area. The assessment covered infrastructure including offices, warehouse, accommodation facilities, and informal exchange with international nongovernmental organizations present on the ground.

Ukraine Emergency Procurement by Category

[Pie charts showing the percentage of emergency procurement by category, including Ambulance, Basic healthcare, Biomed, Blood transfusion, Bulk medical supply, CERNIE, COVID meds, Diagnostics, Energy & cold chain, Energy & cold chain supplies, IPC/RPE, Misc. items, NCD, Pediatric mainnutrition, Staff supplies, Trauma / surgery]

[Another pie chart showing the percentage of distribution status of items outbound within Ukraine, including Transit warehouse, Stock, Received, In transit]
UKRAINE COUNTRY OFFICE ACTIONS

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](#).

Ukrainian language courses and enrolments more than double in 6 months

Participation in online courses in the Ukrainian language to support Ukraine’s response to health emergencies has increased 118% since the beginning of 2022, indicating the need for learning resources in crisis.

As of 8 June 2022, WHO’s open online learning platform [OpenWHO.org](http://OpenWHO.org) had 3216 enrolments across 17 Ukrainian language courses, compared to 1477 enrolments on 1 January when 7 Ukrainian courses were available. The courses are hosted on OpenWHO’s [Ukraine learning channel](#), providing a centralized source of learning resources in Ukrainian in collaboration with the WHO Country Office in Ukraine.

Overall, OpenWHO hosts more than 10 000 enrolments from Ukraine across all courses and all languages on the platform. 58.2% of those enrolments are from health care professionals – more than double the 24.4% platform average – suggesting that the courses are being heavily utilized by Ukraine’s frontline responders.

WHO Ukraine Contacts

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