

Emergency in Ukraine

External Situation Report #16, published 30 June 2022
Reporting period: 16–29 June 2022



8.2 million
REFUGEES



5.5 million
INTERNALLY
DISPLACED



10 631
CIVILIAN
CASUALTIES



4731
CIVILIAN
DEATHS

Key updates

- According to [WHO's Surveillance System for Attacks on Health Care](#), there have been 323 attacks on health care, resulting in 59 injuries and 76 deaths, reported between 24 February and 29 June. Attacks on health care include those against health facilities, transport, personnel, patients, supplies and warehouses. These attacks deprive people of urgently needed care, endanger health-care providers, and undermine health systems.
- As of 28 June approximately 6.2 million people remain internally displaced, whilst 5.5 million people who were previously displaced within Ukraine or moved to other countries have now returned to their homes in Ukraine, according to the sixth round of a rapid representative assessment of the general population in Ukraine conducted by the International Organization for Migration.
- Damage and destruction to medical facilities as well as a shortage of service providers and critical supplies have severely compromised the delivery of essential health services, including access to maternal care for the estimated 265 000 women who were pregnant when the conflict erupted, and specialized services for survivors of gender-based violence.
- Due to an ongoing risk of cholera outbreak, particularly in Mariupol, where drinking water supplies are significantly affected, WHO is working with the Ministry of Health (MoH) to prepare a request to access cholera supplies and the global oral cholera vaccine (OCV) stockpile, if needed. WHO has also provided guidance on outbreak preparedness.

1. SITUATION UPDATE

Figure 1. Distribution of Internally Displaced Persons (IDPs) and refugees in Ukraine and in refugee-hosting countries as of 28 June 2022

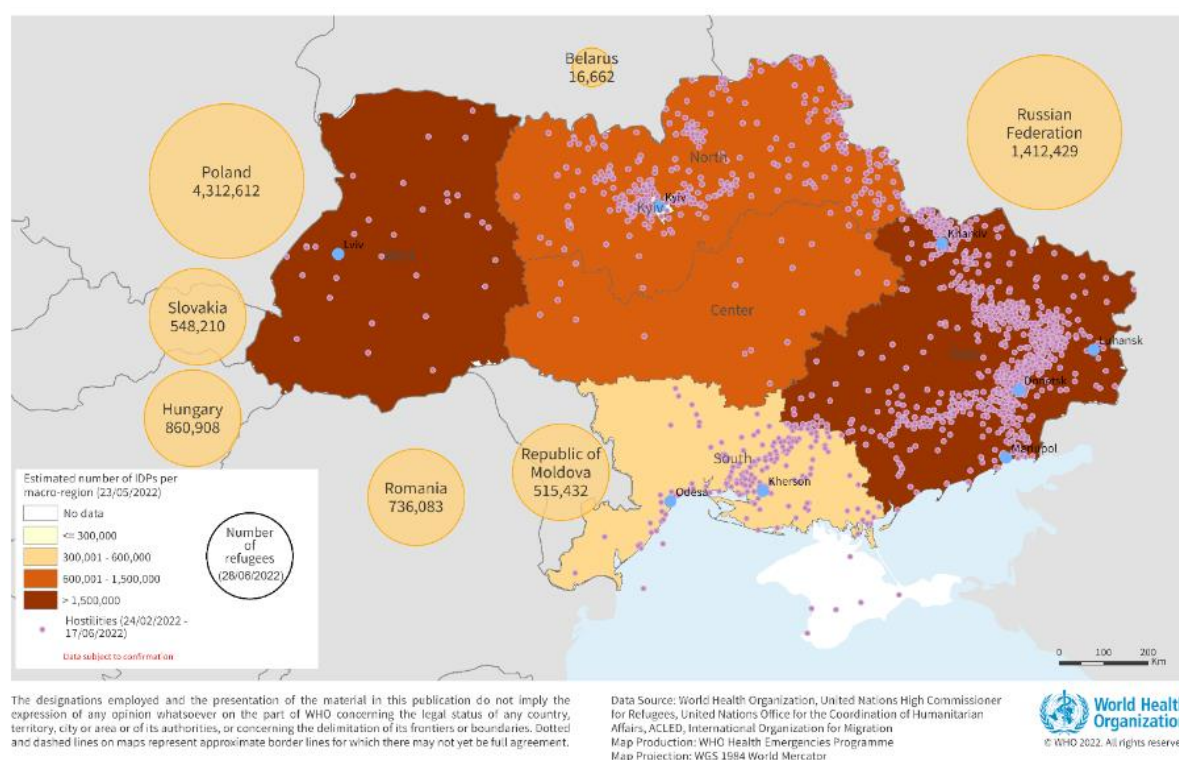


Table 1. Key humanitarian figures as of 29 June 2022

People affected	
Internally displaced persons	6.2 million
Refugees	8.2 million
Ukrainians entering Ukraine	3 million
Injuries among civilians	5900 (as of 26 June)
Deaths among civilians	4731 (as of 26 June)

1.1 Population displacement and refugees

According to government data compiled by the Office of the United Nations High Commissioner for Refugees (UNHCR), over 8.2 million refugees have left Ukraine for surrounding countries between 24 February and 28 June, with the highest proportion in Poland (52%), followed by the Russian Federation (17%) and Hungary (10%). As of 28 June approximately 6.2 million people remain internally displaced, whilst 5.5 million people who were previously displaced within Ukraine or moved to other countries have now returned to their homes in Ukraine, according to the sixth round of a rapid representative assessment of the general population in Ukraine conducted by the International Organization for Migration.

As the crisis evolves, displacement and mobility patterns continue to change, requiring scaled-up and integrated response interventions that address both emerging and existing needs.

1.2 Overall WHO response

WHO is supporting the health sector in Ukraine and in the refugee-hosting countries. WHO has mobilized experts and is working with partners, including the Global Outbreak Alert and Response Network (GOARN), EMTs, Health Cluster, and Standby Partners, to provide support with access to health services – primary health care (PHC), routine and COVID-19 vaccination, mental health and psychosocial support (MHPSS), trauma care, supply and logistics, prevention of and response to sexual exploitation and abuse, risk communication and community engagement (RCCE), and information management.

WHO continues to support the MoH of Ukraine and the MoHs of the refugee-hosting countries to ensure safe medical evacuation (medevac) of patients. Transportation of patients within Ukraine is ensured by the national emergency services, while transportation across the border to the European Union (EU) is managed by international EMTs and coordinated by the CADUS team, a German nongovernmental organization (NGO) providing EMT support. As of 29 June at least 736 patients (78% of the requests) have been medically evacuated from Poland, the Republic of Moldova, Slovakia and Ukraine via the EU Civil Protection Mechanism to 15 European countries (Austria, Belgium, Denmark, France, Germany, Ireland, Italy, Lithuania, Luxembourg, the Netherlands, Norway, Portugal, Romania, Spain and Sweden).

Funding

- [WHO's updated appeal](#) (May 2022) details its resource needs for Ukraine and refugee-receiving countries. It estimates that between March and August 2022 US\$ 80 million are required for the health response in Ukraine. To meet the health needs in refugee-receiving and hosting countries between March and December 2022, it estimates that US\$ 67.5 million will be required.
- WHO would like to thank [donors](#) who are supporting its response in Ukraine and countries receiving and hosting refugees, including: Canada, European Civil Protection and Humanitarian Aid Operations (ECHO), European Commission – Directorate-General for Neighbourhood and Enlargement Negotiations (DG NEAR), Ireland, Japan/Asia Europe Foundation, the King Salman Humanitarian Aid & Relief Centre (KSRelief), Norway, Novo Nordisk Foundation, Switzerland, the UN Central Emergency Response Fund (CERF) and the Ukraine Humanitarian Fund (UHF), the United States Bureau of Population, Refugees, and Migration and Bureau of Humanitarian Assistance for their timely contributions.



Visit to damaged residential area, Irpin, Ukraine, with the WHO Director General. © WHO / Andrei Krepih

2. HEALTH PRIORITIES AND WHO ACTIONS IN UKRAINE TO DATE

2.1 Access to health care in Ukraine

Ukraine's health system is facing multiple challenges. Access to health care is severely impacted due to security concerns, restricted mobility, broken supply chains and mass displacement. Health care continues to come under attack. Between 24 February and 29 June, 323 attacks on health care¹ were reported², resulting in 59 injuries and 76 deaths, with 28 new attacks reported in the past two weeks. These attacks deprive people of urgently needed care, endanger health-care providers, and undermine health systems.

Through engagement with the MoH of Ukraine, national health authorities, partners and donors, WHO has been able to provide populations with life-saving supplies, equipment and medicines. However, reaching some of the hardest-hit areas, where health systems have been severely disrupted, remains a challenge.

The WHO Country Office (CO) in Ukraine is working with the MoH of Ukraine and the Academy of Family Medicine of Ukraine to [implement mobile teams](#) providing medical assistance to the populations of Bucha, Irpin, Hostomel, Makariv, Borodianka, Dyer, Ivankiv and other surrounding communities. The project is funded by the Government of Switzerland and the Government of Canada.

2.2 Priority public health concerns

Current health priorities are listed below (more details on each of these public health concerns can be found in the previously published [situation reports](#)).

Conflict-related trauma and injuries	Civilian casualties continue to occur, largely due to the use of explosive weapons. Disruption of health-care facilities and closure of many pharmacies in Ukraine has limited access to trauma care. Growing hostilities are expected to put increasing pressure on the health-care system.
Maternal and newborn health	According to the UNFPA, damage to and destruction of medical facilities as well as a shortage of service providers and critical supplies have severely compromised the delivery of essential health services, including access to maternal care for the estimated 265 000 women who were pregnant when the conflict erupted, and specialized services for survivors of gender-based violence.
Management of chronic diseases and noncommunicable diseases (NCDs)	Roughly 30% of households have at least one person with a chronic disease who reported challenges in accessing care for their condition in surveys conducted by various organizations between March and June. Two out of five households (39%) have at least one member with a chronic illness, such as cardiovascular disease, diabetes or cancer.
Risk of emergence and spread of infectious diseases	<p>The risk of disease outbreaks, such as cholera, measles, diphtheria or COVID-19, has been exacerbated due to lack of access to water, sanitation and hygiene, crowded conditions in bomb shelters and collective centres, and suboptimal coverage for routine and COVID-19 vaccinations. Disruptions to vaccination programmes due to hostilities and displacement together with historical coverage gaps place both adults and children at risk.</p> <p>Between 23 February and 26 June the overall number of beds available and beds occupied by patients with COVID-19 decreased by 50% and 96%, respectively, reflecting potential challenges in accessing hospitals, limited data reporting, and a potential decrease in actual hospitalizations. The most notable decrease in the number of available beds was reported in the Luhansk oblast (100%), followed by the Vinnytsya (88%) and Chernivtsi (85%) oblasts. As of 26 June the average number of new COVID-19 cases continues to decrease. An average of 133 hospitalizations per day were reported in the last week. However, COVID-19 remains a substantial threat given the country's low vaccination rates.</p> <p>On 15 June a humanitarian convoy heading to Mariupol was attacked and destroyed. The water supply problem in Mariupol is worsening and residents are forced to draw water from puddles.</p>

¹ Attacks on health care include those against health facilities, transport, personnel, patients, supplies and warehouses.

² [Surveillance System for Attacks on Health Care \(SSA\)](#).

Protection issues: risk of human trafficking and escalated risk of sexual and gender-based violence (SGBV)	An estimated 90% of refugees are women or children. There are increasing allegations of sexual violence by Russian troops. As of 3 June the Office of the United Nations High Commissioner for Human Rights (OHCHR) had received reports of 124 alleged acts of conflict-related sexual violence across Ukraine – mostly against women and girls – and a national hotline had received reports of crimes ranging from gang rape to coercion to watch an act of sexual violence committed against a partner or a child.
Mental health and psychosocial support (MHPSS)	<p>Mental health and psychosocial support needs of the affected population are intensifying as a result of the significant distress and socioeconomic impact caused by the war.</p> <p>The WHO CO in Poland has set up a MHPSS Technical Working Group (TWG) in Poland for the coordination of MHPSS services.</p>
Technological hazards and health risks	<p>Potential nuclear hazards</p> <p>There are both operational and decommissioned nuclear facilities in Ukraine. In addition, numerous radioactive sources are used in industry and in health-care facilities. According to the International Atomic Energy Agency's analysis, the current nuclear safety situation appears under control. However, as we see from the latest events involving severe damage due to the shelling of the Neutron Source facility in Kharkiv, the ongoing armed conflict puts nuclear installations at risk of accidental or deliberate damage and jeopardizes the security of radioactive sources.</p> <p>WHO has developed technical guidance and public communication materials on this subject. Training courses and webinars focusing on medical and public response to radiation emergencies are also being delivered in collaboration with national partners in Ukraine.</p> <p>Potential chemical hazards</p> <p>Asbestos has been widely used in the Ukrainian construction industry. There is a risk of asbestos powder being released as a result of the attacks. The substance is linked to various diseases ranging from breathing difficulties to cancers of the lungs and other organs. Reusing asbestos manufacturing materials in reconstruction would further increase the risk of exposure.</p>
Food security and nutrition	<p>The conflict is affecting food security within and outside Ukraine. In May the World Food Programme (WFP) served 2.2 million beneficiaries, of which approximately 1.35 million received food assistance in the form of ready-to-eat foods and more substantial rations of dry goods. Food distribution has been provided mainly in the eastern part of the country, where the conflict is at its most intense. The remaining beneficiaries are displaced people who have moved to different areas across the country to seek safety. So far in June WFP has provided 1.4 million beneficiaries with food and cash assistance.</p> <p>Fuel shortages remain a serious operational impediment across Ukraine. WFP is continuing to work on various options to procure fuel for critical humanitarian operations.</p> <p>According to the United Nations Food and Agriculture Organization (FAO), a key source of income for 30% of the population in Ukraine has been severely impacted due to the destruction of, or damage to, the agricultural infrastructure, market and food supply chains. Since the conflict began, FAO has delivered 862 tonnes of seed potatoes to 17 740 households across ten of the country's oblasts in the east, south, centre and west of Ukraine to support people in need. The seed potatoes were distributed in time for the sowing season in mid-May, for harvesting in September.</p>

2.3 WHO and partner actions in Ukraine to date

Leadership and coordination

- The WHO team has increased its footprint in the country, working closer to the affected populations with partners.
- The WHO Incident Manager has been working with the authorities to prepare for all hazards, including cholera and chemical, biological, radiological, nuclear and high-yield explosives.

- The World Bank and the WHO Regional Office for Europe have published a [report](#) reviewing the progress of the implementation of health financing reform in Ukraine. The report's authors concluded that tremendous progress had been made. They also set out several areas of improvement: refinement of the benefit packages, efficiency-enhancing reforms to increase available health resources, enhanced internal governance and external accountability.

Health information and operations

The health sector response continues to prioritize saving lives and protecting mental health. Actions focus on ensuring access to emergency health care and priority essential health services for wounded people and others affected by the armed conflict, COVID-19, poliomyelitis (polio), and other health threats – including technological, industrial, and chemical, biological, radiological, and nuclear hazards. Continuity of treatment and care for people with NCDs – including diabetes and cancer – is a top priority.

- As many countries worldwide report cases of monkeypox, as of 29 June no cases of monkeypox have been detected in Ukraine. WHO continues to provide situation updates and various guidance documents, including clinical management, RCCE, laboratory testing, gatherings, case reporting and surveillance etc. For more information, please see the [27 June report](#) on the multi-country monkeypox outbreak.
- To improve infection control measures in Ukrainian hospitals, the WHO CO in Ukraine, with financial support from the EU, has provided equipment for disinfecting medical institutions as part of an initiative to strengthen the health system in the Odesa Regional Clinical Hospital.
- WHO is preparing for a potential cholera outbreak in Mariupol as the risk remains present. It is reported that water supply is limited and people are forced to resort to drinking from puddles. WHO is working with the MoH to prepare a request to access the global OCV stockpile if needed, and has provided guidance on prevention, preparedness, case definitions, detection (including in wastewater monitoring), standards of care and case management. WHO has prepositioned medical supplies, including WHO cholera supplies and rapid diagnostic tests.
- On 16 June WHO in Ukraine prepared an informative video explaining how to obtain data on vaccinations for IDPs and people who have left the country because of the conflict. The EU is donating patient monitors, infusion pumps, ventilators and personal protective equipment such as gowns and masks. The EU also provided additional supplies, including 300 000 specialized protective suits, 5600 litres of decontaminants, and 850 pieces of equipment for decontamination efforts. All these items were donated following a request from the Government of Ukraine for donation of specialized equipment for public health risks such as chemical, biological, radiological and nuclear threats.
- In partnership with USAID's Bureau for Humanitarian Assistance, WHO will deliver oxygen concentrators to 500 primary health-care centres, with a key focus on southern and eastern parts of Ukraine.
- WHO completed the translation and adaptation of technical handouts on the Johnson & Johnson/Janssen COVID-19 vaccine. The printed materials will be delivered to each vaccination team, to be included in the vaccine implementation process in Ukraine.
- On 17 June a Ukraine Polio Outbreak Response Strategy Planning Meeting was hosted by WHO under the Global Polio Eradication Initiative in Rzeszów, Poland, to review the pre-conflict polio outbreak response plan, conduct in-depth analysis and a technical discussion on gaps, re-strategize based on the status of the conflict and discuss the way forward.

Supplies and logistics

- As of 27 June over 627.1 tonnes of supplies with a total value over US\$ 12 million have been delivered to the Ukraine humanitarian response, including infection, prevention and control supplies and personal protective equipment, ambulances and items related to diagnostics, energy and cold chain, COVID-19 and NCDs. Of the 627.1 tonnes, 289 tonnes of critical and life-saving supplies have already been distributed to and received by the oblasts.
- As of 27 June medical supplies and equipment with a total value exceeding US\$ 87 700 and a total weight of more than 52 metric tonnes were delivered to WHO's Lviv warehouse in the past week.

- The Poltava, Vinnytsya, Zaporizhzhya, Dnipropetrovsk, Chernivtsi, Donetsk, Ivano-Frankivsk, Kharkiv, Kyiv, Lviv, Rivne, Ternopil, Volyn, Zakarpattia and Zhytomyr oblasts received medical supplies and equipment for a total amount of US\$ 309 871 and a total weight of more than 8.4 tonnes.
- Efforts are ongoing to coordinate transportation and other activities related to logistics support with local warehouses.

Risk communication and community engagement (RCCE) and external communications

- In recognition of the increasing threat of cholera infection/outbreak, WHO, in partnership with Facebook, has launched an online campaign to promote messages on cholera prevention and treatment in Ukraine. In addition, 365 000 leaflets on cholera prevention and treatment have been distributed across the country.
- WHO published a feature story for World Refugee Day on a Ukrainian mental health volunteer working in Poland. The story is available [here](#).

Operational partnerships

EMTs

- The EMT Coordination Cell (CC) is currently coordinating 28 EMTs from 10 organizations operating across 13 geographical regions in Ukraine.
- Between (13–16 June), four international EMTs collaborated on and carried out the transfer of 21 patients. The following transfers have been reported from CADUS, Global Response Management, Samaritan's Purse and International Rescue Team from Lviv to Rzeszów (Rzeszów Airfield): 12 transfers using the German medevac plane; nine transfers using the Norwegian medevac plane.
- As of 26 June several trainings using mixed modalities (virtual and/or face-to-face) have been conducted on topics such as advanced trauma life support (for adults and children), basic emergency medicine and trauma, surgical management of penetrating trauma, and tactical emergency casualty care.
- Between 13 March and 26 June EMTs in Ukraine responded to 5120 outpatient visits, of which 13% were infectious diseases and 13% were trauma. Among infectious diseases, 86% (561) were acute respiratory infections.

GOARN

- From 2 March to 28 June the GOARN institutions/network provided technical support, deploying seven experts (Denmark (2), Poland (2), Romania (1), Slovakia (1), Ukraine (1, remote)), with six experts scheduled to be deployed soon (Poland (1), Ukraine (3), Denmark (1), Czechia (1)). So far ten experts have completed their deployment – Poland (3), Denmark (1), the Republic of Moldova (1), Czechia (3), Slovakia (1) and Romania (1).

Regional WHO-UN-Red Cross Movement Coordination Platform for Emergencies

- On 23 June the second meeting of the Regional WHO-UN-Red Cross Movement Emergency Coordination Platform took place, focused on the emergency in Ukraine and refugee-hosting countries. In total, 29 representatives from 11 UN agencies and partner organizations were present, as well as members of the Issue-based Coalition on Health and Well-being (IBC-Health) and members of the WHO Regional Office for Europe's Incident Management Support Team. The meeting focused almost exclusively on information sharing with regard to the Refugee Health Extension (RHE) based in Kraków, Poland.
- Colleagues from WHO and UNICEF shared updates on RHE activities and UNFPA shared a targeted overview of their activities in the impacted countries. During the meeting WHO also provided information on the current status of the cholera outbreak in the region. The role of the IBC in supporting UN Country Teams (UNCTs) was raised and as a workstream of IBC-Health, the Platform will meet in July to discuss how activities can best support Resident Coordinators and UNCTs in their work, including through the provision of analytics.

Health Cluster

WHO plays an essential coordination role in the response as the lead agency of Health Cluster Ukraine. As of 15 June Health Cluster Ukraine has 137 international and local Partners, with planned, ongoing and/or completed health-related activities in 24 oblasts. The Health Cluster team continues to support the review of new projects submitted to the [Ukraine Humanitarian Fund](#) (UHF).

Additional information is available on Health Cluster Ukraine's [website](#). Health Cluster Partners have reached over 2.8 million people in the provision of medical supplies and services.

- From 21 to 24 June the Deputy Health Cluster Coordinator was in Poltava and Sumy to meet with Partners and conduct site visits to assess key areas for strengthening, capacity building needs, and IDP centre requests.
- Dnipropetrovsk Subcluster: a subcluster meeting with representatives from agencies and the Department of Health was held on 28 June.
- Vinnytsya and western Ukraine: the first subcluster meeting was held on 28 June. Currently, the subcluster is mapping health Partners active in the oblast and meeting with regional health authorities and other agencies.
- Health Cluster Partners' presence and activities across Ukraine are mapped weekly through the 5Ws3 to chart the continuously changing humanitarian response landscape. Health Cluster Partners have completed or ongoing activities in 437 settlements in 24 oblasts and have provided support to over 160 health facilities across Ukraine.

Table 2: Number of Partners by health domain

Health domain of response activities	Number of Partners
HIV/TB	31
Sexual and reproductive health, child health and GBV	32
Trauma/mass casualties	21
NCDs	20
Mental health	15
Other communicable diseases	11
Risk communication and community engagement (RCCE)	7
Child health	4
COVID-19	4
Palliative care	3

Note: Not all Partners reported the health domains of their activities.

- The [health requests, planning and response tool \(HRPR\)](#) being used to respond to requests for humanitarian

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