

WHO UKRAINE COUNTRY OFFICE
WHO ERF GRADE 3

BY THE NUMBERS (since 24 February):

17.7 M

AFFECTED
10 638 132

LEFT UKRAINE

(UNHCR)

7698

INJURED

(OHCHR)

5514

CONFLICT-RELATED DEATHS

(OHCHR)

HIGHLIGHTS

- With support from the European Union (EU), WHO has delivered five generators to Kharkiv to provide electricity to health institutions in emergencies. These generators ensure uninterrupted operation of oxygen stations and intensive care units (ICUs). For further information, click [here](#).
- As part of WHO's support of a joint project of the Ministry of Health (MoH) of Ukraine and the World Bank in enhancing the capacity of the Center for Disease Control and Prevention (CDC) to detect COVID-19 and other viral infections and to prevent their spread, a new real-time polymerase chain reaction (PCR) system was purchased and delivered to the CDC. For further information, click [here](#).
- The Acting WHO Representative and the Polio Response Coordinator visited the Zakarpattya oblast. The visit included: a meeting with the regional CDC to discuss ways to improve vaccination coverage and surveillance indicators, a tour of a virology laboratory, a visit to one of the environmental surveillance sites (sewage treatment site) and a community visit to engage with community leaders on overcoming barriers to vaccination.



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WHO KEY FIGURES

856

METRIC TONNES

SUPPLIES DELIVERED
USD 4.3


BILLION

FUNDING REQUESTED

152
HEALTH CLUSTER PARTNERS

11.5

MILLION

TARGET POPULATION

1000
PATIENTS RECEIVED TRANSFER & MEDEVAC SUPPORT

 Source: [ERCC](#)

459
VERIFIED ATTACKS ON HEALTH

182
NUMBER OF PERSONNEL DEPLOYED & REPURPOSED IN UKRAINE

SITUATION UPDATE

- the Zaporizhzhya Nuclear Power Plant had damaged the plant's external power supply system, but two power lines remained operational. It had also triggered the emergency protection system of one of the plant's three operating reactors. The IAEA continues to request that a mission be dispatched to the site to firmly establish its safety. For further information, click [here](#).
- A total of 8500 ten-dose vials of the hepatitis B vaccine (a total of 85 000 doses) and 100 000 single-dose vials of the multicomponent measles, mumps and rubella vaccine were delivered to Ukraine. In the near future 600 000 doses of the oral poliomyelitis (polio) vaccine and 99 500 doses of the inactivated polio vaccine are also expected to arrive in the country. For further information, click [here](#).
- During the conflict, Ukraine managed to sustain its pre-war HIV/AIDS and tuberculosis (TB) rates by utilizing mobile and outreach programmes. Ukraine saw no HIV or TB outbreaks in the past six months of conflict. For further information, click [here](#).
- A new wave of COVID-19 has begun in the Lviv region. There has been a 30% increase in the number of new cases in the past week, as reported by the Lviv Regional Military Administration. For further information, click [here](#).

Leadership & Coordination

- The acting WHO Representative along with the Polio Team visited Zakarpattia to meet with community leaders, health-care workers and religious leaders. The team also visited a laboratory and a sewage treatment site.
- The 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.
- On 15 August the Health Cluster representative met in Dnipropetrovsk with Deputy Prime Minister Iryna Vereshchuk along with the UN and other humanitarian actors.



Local media monitoring

- A hub for displaced persons from the Kherson region opened in Zaporizhzhia. The hub not only provides shelter but also opportunities for them to have consultation with a psychologist. For further information, click [here](#).
- 69 regional trainers have been trained in psychological first aid for children. Employees of regional centers of social services have received appropriate training within the framework of the National Program of Mental Health and Psychosocial Support, initiated by the First Lady, Olena Zelenska. For further information, click [here](#).
- From the first days of the war, Ukrainian volunteer and public organizations, the business community and charitable foundations joined forces to support the medical system, as well as to meet the needs of the civilian population.

The MoH actively cooperates with more than 20 largest charitable and volunteer organizations in Ukraine. To date, medical institutions have received 47 453 units of medical equipment; 28 858 817 medicines; 4 264 other medical care, etc. On top of that Ukraine received 8.5 thousand tons of medical humanitarian aid worth over UAH 12 billion through the coordination of the Ministry of Health. For further information, click [here](#).

HEALTH INFORMATION

Conflict-related health information

- As of 15 August 2022, the Office of the UN High Commissioner for Human Rights (OHCHR) recorded:
 - 5514 civilians killed (2125 men, 1451 women, 147 girls, and 170 boys, as well as 39 children and 1545 adults whose sex is yet unknown); and
 - 7698 civilians injured (1560 men, 1149 women, 164 girls, and 231 boys, as well as 200 children and 4394 adults whose sex is yet unknown).
- According to the United Nations High Commissioner for Refugees, as of 15 August over 10.8 million Ukrainians crossed the border to neighbouring countries, of whom just over 5.4 million and over 1.1 million crossed the border to Poland and Hungary, respectively.

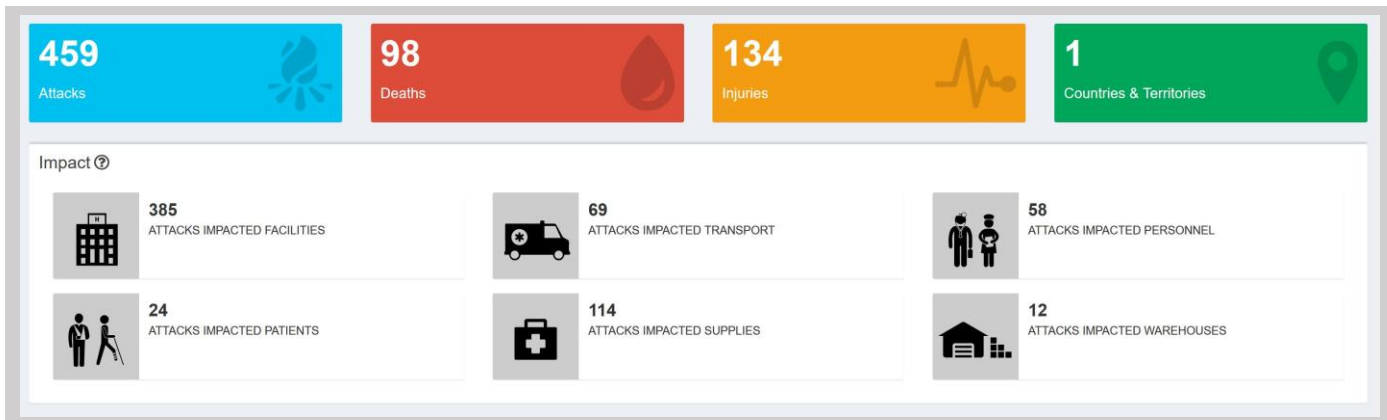
Surveillance

COVID-19 and other communicable diseases

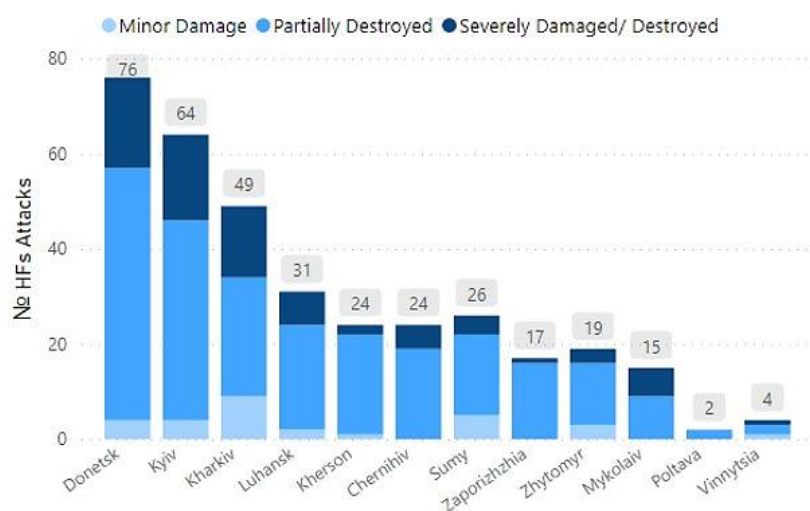
- As of 14 August, the average number of new COVID-19 cases is at 777 per day, an increase from previous week 398 per day. The seven-day average daily polymerase chain reaction (PCR) tests performed decreased to 1,522 from 1,573 in previous week (it was 42, 460 in the last week before the war). A similar 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 rabies among animals (dog) was reported in the city of Berdychiv in the Zhytomyr oblast. Six people, including one child, were injured by the bite of a sick animal. Epidemiological investigation is under way. For more information, click [here](#).
- At least 14 cases of acute intestinal infection were reported in Mariupol during the week. Given the 17 cases recorded last week, this may indicate epidemic spread of an infectious disease. For more information, click [here](#).

ATTACKS ON HEALTH
Verified reports of attacks (as of 17 August 2022) For further information, click [here](#).


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



Oblast, Ukraine	Nº Attacks HF	Avr Nº of patients treated in HF
Poltava	2	4745
Vynnytsia	4	8080
Mykolaiv	15	23017
Zaporizhzhia	17	11800
Zhytomyr	19	36455
Chernihiv	24	30086
Kherson	24	20968
Sumy	26	22293
Luhansk	31	30672
Kharkiv	49	78001
Kyiv	64	19297
Donetsk	76	43366
In Total	351	328780

Based on matched HF names, as of 15 August 2022 there are 351 attacks on health facilities in 12 oblasts (including Kyiv city), 177 health facilities were attacked, on average around 329 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)**

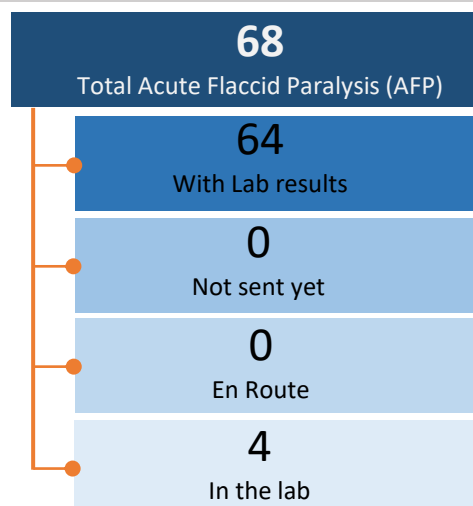
- There are currently 22 EMTs from nine organization. The supporting EMT are broken down as follows:
 - 5 type 1 mobile health teams
 - 2 type 1 fixed teams
 - 3 specialised surgical teams
 - 4 training teams
 - 4 specialised patient transfer and medevac teams
 - 4 rehabilitation teams
- EMTs are operating 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 national EMT coordinator was identified and agreed, and will be processed to start ahead of the planned national EMT Awareness Workshop.
- Orientation and induction will be planned in Kyiv with the MoH/ Centre for Disaster Medicine Focal Point.
- 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) and 15 Member States on the practical considerations to ensure safe repatriation of patients who have made a direct request for support to the MoH of Ukraine or their respective consulates or embassies in the EU.
- On 5–11 August a total of nine patients received patient transfer and medical evacuation (medevac) support. Of those, only four underwent international medevac through partners. The others were transferred between facilities from east to west.
- Discussions are under way to consider other potential medevac hubs in Romania and Slovakia.
- The first of five critical care/ICU-level buses is in the pipeline to be received in Rzeszów, and on 22–24 August a small regional Emergency Medical Services contingent will receive specialist theoretical and practical training on how to use the buses.
- Discussions are under way to determine how the EMT Coordination Unit that will sit within the MoH / Centre for 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 - Vaccine-preventable diseases and Immunization (VPI)**

- WHO successfully delivered a joint WHO-Ukrainian Public Health Centre (UPHC) coordination and orientation meeting for the leadership of the newly formed Immunization Units of the regional CDC. A total of 61 people participated in the two-day meeting held in Lviv – among them staff of the Immunization Units, representatives of the MoH and UPHC, as well as representatives of the WHO VPI section. One of the primary objectives of the meeting was to raise Immunization Unit staff's awareness of (1) their roles and how they can contribute to the implementation of the National Immunization Strategy and Plan and what support is available from WHO and the UPHC to perform their roles; (2) the risks related to vaccine-preventable diseases in high-priority and vulnerable groups and the key actions expected from them to ensure preparedness and response during the autumn and winter season.
- WHO conducted a communication and media training for heads of Immunization Units and communication specialists from ten regional CDCs. A total of 48 people took part in the event, which was held on 11–12 August in Lviv. The overall aim of the training was to strengthen the capacity of the Immunization Unit staff to conduct immunization-related routine and crisis communication.
- COVID-19 vaccine uptake is higher than was previously estimated. Therefore, WHO is supporting the Government with requesting additional doses of the Pfizer COVID-19 vaccine via the COVAX Facility. During the reporting week, the correspondence required to make the request was prepared and signed by Deputy Minister of Health Dr Kuzin. Additionally, WHO continued to provide support to the Government with submitting an application to GAVI under its middle-income country strategy.
- WHO provided technical advice on the preparations for the reopening of the school system and the upcoming winter season during a joint meeting with the Ministry of Education and MoH. During the meeting it was agreed that all regulatory documents for the vaccination of school-aged children will be updated. The ministries also agreed to send a joint letter to all regions explaining the importance of vaccinating school-aged children. Furthermore, the Ministry of Education will also provide a letter reminding all staff of the requirement to be vaccinated against COVID-19, tetanus, and diphtheria. It also was agreed that the influenza vaccine will be recommended for education workers if it is available in the country.
- WHO supported the delivery of a two-day in-person training on COVID-19 vaccines for 25 health workers from the Kirovohrad oblast. The training was conducted by trainers of the Kirovohrad Regional Immunization Training Hub.

UKRAINE COUNTRY OFFICE ACTIONS
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).
- Two new AFP cases were reported this week.
- Inactivated polio vaccine catch-up vaccination among children aged from 6 months to 6 years has reached 76%.
- The Polio Team visited Zakarpattya to collect environmental samples from the main sewer of Uzhhorod. The team also visited a lab and held a meeting with religious community leaders, health-care workers and local authorities in the area. The Polio Response Coordinator will be based there from September onwards to lead polio prevention and response.



*Circulating Vaccine-Derived Poliovirus type 2

Health operations – Health Cluster/Partner updates

- Since 15 April the Health Requests, Planning and Response tool ([HRPR](#)) has been revised and upgraded, and 249 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

*Data is updated on bi-weekly basis

- Ukraine Humanitarian Fund (UHF) is developing standard allocation strategies to support the revised Flash Appeal. Key updates including:
 - The deadline to submit the project proposal is 7 September (one-year project).
 - Multisector projects are prioritized.
 - Advised to work with local volunteer organizations / civil society organizations.
 - Inclusion is an additional objective (Flash Appeal objectives): majority score for health projects.
 - Recommended location: Chernihiv, Dnipropetrovsk, Donetsk, Kharkiv, Kyiv, Luhansk, Sumy, Zhytomyr, Zaporizhzhya, Mykolayiv and Kherson oblasts, with northern/national coordination.
 - Coordination and collaboration on Health Cluster activities will be managed by the Technical Working Group.
 - The bulletin will be updated monthly.

UKRAINE COUNTRY OFFICE ACTIONS

Health operations – HIV/Tuberculosis

- WHO experts participated in the Ukrainian Multisectoral Technical Working Group on the elimination of mother-to-child transmission of HIV.
- WHO differentiated/simplified service pre-exposure prophylaxis (PrEP) delivery [guidance](#) was translated into Ukrainian and shared with the UPHC's HIV programme.
- WHO is currently facilitating donations of opioid substitution therapy (OST) medicines, including new formulations that can enhance access and quality of care in the country.
- WHO is providing technical assistance to Ukrainian partners, including the UPHC, on how to consider integration of other services (e.g. interventions such as PrEP) within its OST programme. WHO will be disseminating its latest guidance for key populations and engaging with the UPHC and partners on the subject.

Latest update from UPHC:

- Ukraine has 19 206 patients on OST (free of charge), and an increase of 12.7% (i.e. by 2163 patients) has been reported in the past year. Of those patients, 1803 are IDPs.
- Nineteen facilities offering OST are reporting waiting lists (most in Zaporizhzhya).
- There are challenges in some raions where the capacity of health-care facilities is low and some buffer stock issues exist. The UPHC has been gathering information since the war began. At some sites there are almost no health-care workers, and other sites have shifted to offering remote (virtual) counselling to patients.
- The UPHC reported data on regional OST coverage targets based on what was specified before the war. Lviv and Poltava are exceeding their OST targets.
- Take-home dosing for 30 days (refills) is also a policy/practice in certain regions in Ukraine.
- The Alliance for Public Health has printed over 10 000 patient certificate cards (green-coloured), which can be used by OST patients when travelling to prove their right to be in possession of OST medicines, which are controlled substances in Ukraine.

UKRAINE COUNTRY OFFICE ACTIONS

National laboratories

- WHO supports next-generation sequencing at the UPHC and increasing Ukraine's sequencing capacity. The laboratory consumables and equipment required for sequencing SARS-CoV-2 samples, e.g. gloves, UV PCR box, PCR tubes, and multichannel pipettes have been delivered to the UPHC Virology Laboratory.
- The CO continues to provide technical support to the New Generation Sequencing at UPHC. Library preparation, sequencing and analysis of 72 SARS-CoV-2 samples were performed. The following variants were identified: AY.43, BF.4, BA.4, BA.5.1, BA.5.2, BA.5.2.1, BF.5, BE.1, BE.1.1, BA.1, BA.2, BA.2.9, BA.2.1, BA.2.3, BA.2.12.1.
- On-the-job training of new UPHC employees on cDNA synthesis, library preparation and template preparation techniques for SARS-CoV-2 sequencing were conducted.



Communications

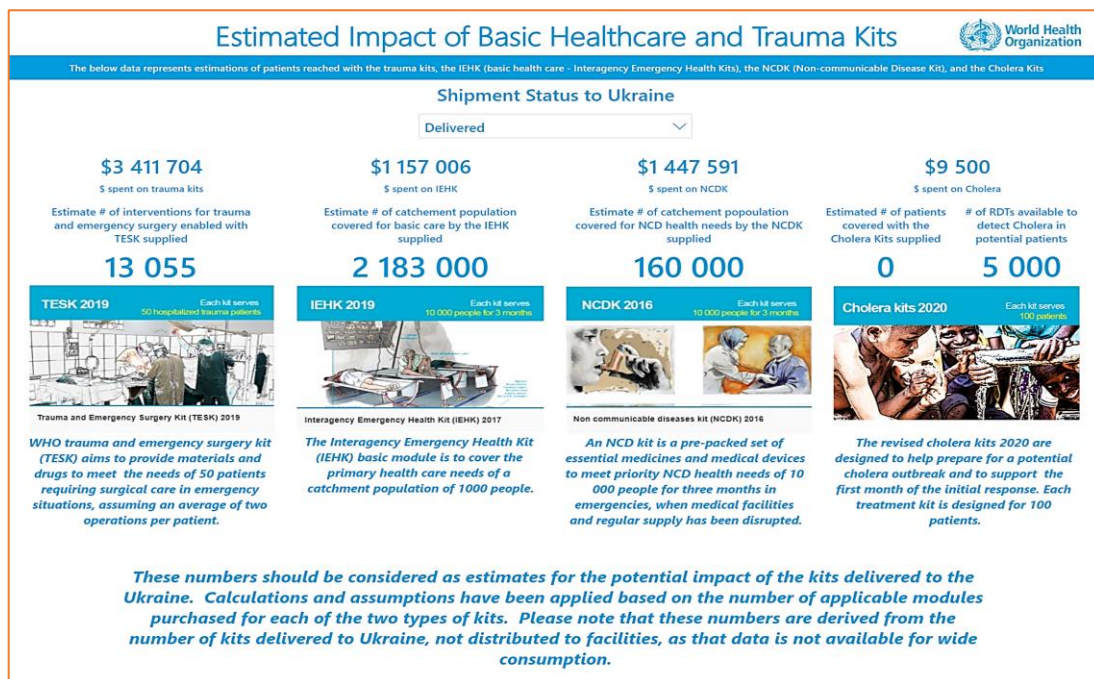
- From 8 to 12 August the WHO Country Office (CO) published seven Twitter posts and four Facebook posts that received a total of 72 656 and 9935 impressions, respectively, covering topics such as health attacks, purchase and delivery of the new PCR system to the UPHC by WHO, a new vacancy, and the latest situation report about Ukraine.
- **Social listening**
 - Rumours related to Amnesty International research findings concerning international humanitarian law violations by the Ukrainian army are being monitored and evaluated.
 - The Government's refusal to provide financing to medical institutions located on the occupied territories (based on the comments of the Deputy Head of the Verkhovna Rada committee).
 - 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 12 August WHO warehouses in multiple locations have received medical supplies with a value of over US\$ 6.2 million and a total weight of more than 105 metric tonnes.
- On 5–12 August medical supplies and equipment with a total value exceeding US\$ 2.2 million and a total weight of more than 55 metric tonnes were delivered to 20 oblasts and various medical institutions. The shipments included noncommunicable diseases kits, trauma and emergency surgery kits, laboratory items and medicines, etc.
- The WHO CO initiated emergency local procurement of KI (potassium iodide) tablets for WHO staff.
- Contingency stocks were shared with the Health Operations Team for allocation between the hubs.
- WHO is following up on the international procurement list according to the availability of funds from the DG ECHO and German Funds award.
- Follow up with Farmasoft on software encoding, improvements proposed to be implemented progressively.
- Nine pallets of medical cargo and five generators were delivered to Kharkiv.



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Data updated as of 11 August 2022

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](#).

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