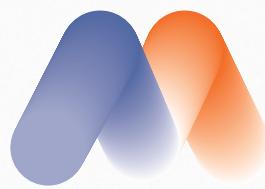




ЦЕНТР
ГРОМАДСЬКОГО
ЗДОРОВ'Я

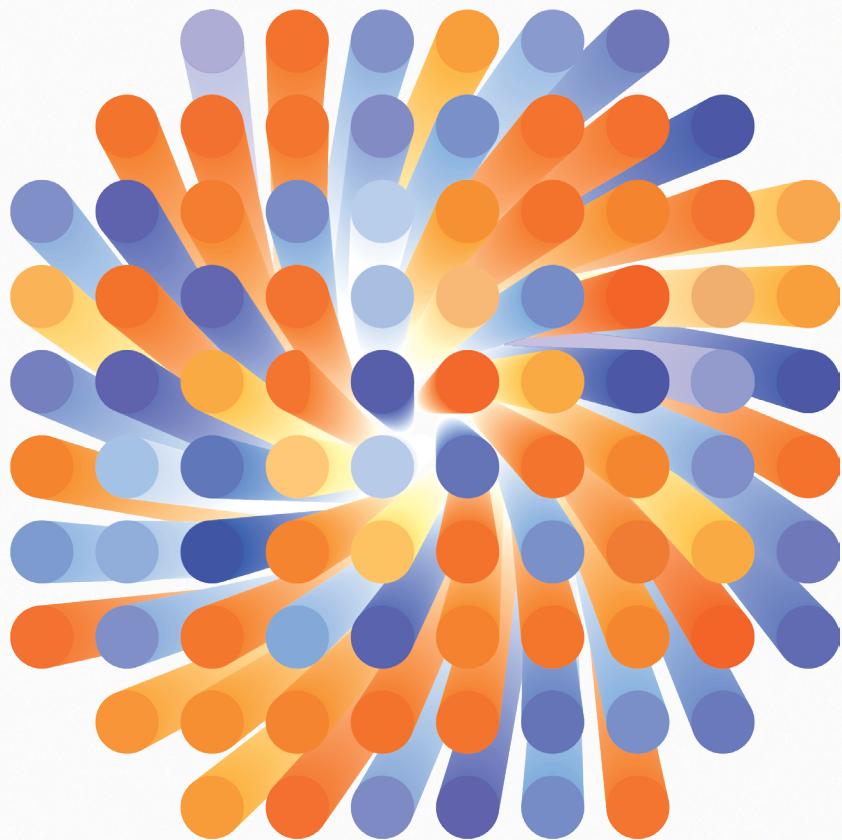


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MISUPH

Modern Improvement Surveillance
for Ukrainian Public Health



PROJECT FACTSHEET

June – November 2025

IMPROVEMENT OF THE EPIDEMIOLOGICAL SURVEILLANCE SYSTEM



- Cooperation with the ECDC has been established to conduct a technical assessment of the capacity of Ukraine's epidemiological surveillance system for infectious diseases, as well as to foster collaboration in data exchange and responses to cross-border threats within European mechanisms.
- The assessment, supported by the ECDC, included two stages:



1. Questionnaire: Completion of the ECDC tool "Assessment tool for national communicable disease surveillance systems", covering system organization, data management, quality assurance, analytics, outbreak response, and human resources.



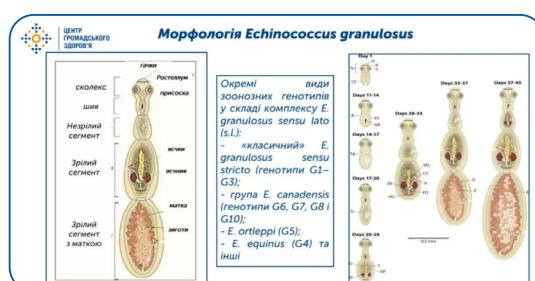
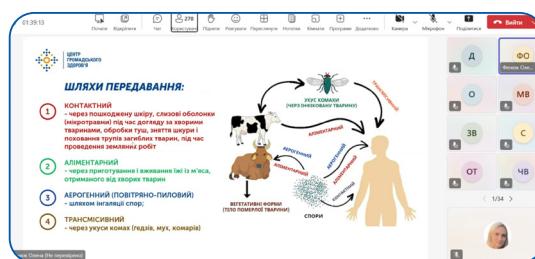
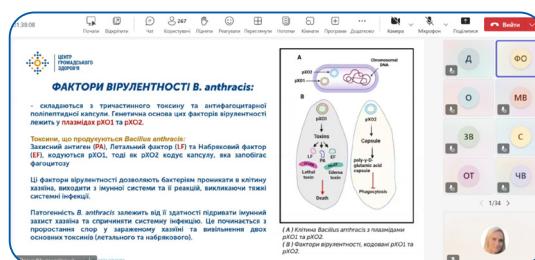
2. Discussion: A visit to the ECDC headquarters in Stockholm (15-16 October) to discuss the functioning and organization of the national epidemiological surveillance system, key functions, strengths, and priority areas for improvement to ensure compliance with EU legislation on serious cross-border health threats and alignment with ECDC rules and procedures.



- The 2nd meeting of the interdisciplinary working group on improving epidemiological surveillance was held on 17 September 2025. The issues discussed included amendments to the Order of the Ministry of Health of Ukraine No. 1724 dated 9 October 2024, as well as surveillance of anthrax, and hepatitis A and E.

“ONE HEALTH” APPROACH

- Educational and informational materials on surveillance and response to ten zoonotic diseases were developed.
- Two regional trainings on epidemiological investigation of avian influenza cases were conducted for sentinel sites of the regional Centers for Disease Control and Prevention and the State Service of Ukraine on Food Safety and Consumer Protection, in collaboration with the US CDC project “Surveillance and Response to Avian and Pandemic Influenza by National Health Authorities outside the United States”.
- Four webinars were held for specialists of the regional Centers for Disease Control and Prevention on the following topics:
 1. Anthrax surveillance (292 participants);
 2. Leptospirosis surveillance (239 participants);
 3. Key aspects of echinococcosis surveillance (215 participants);
 4. Modern epidemiological aspects of hemorrhagic fever with renal syndrome in Ukraine, delivered with the support of faculty from Danylo Halytsky Lviv National Medical University (280 participants).
- A presentation on the current rabies situation in Ukraine was prepared and delivered at the online meeting “Inter-regional coordination and experience exchange in the field of prevention and control of rabies: challenges and successful practices”, organized by WHO.

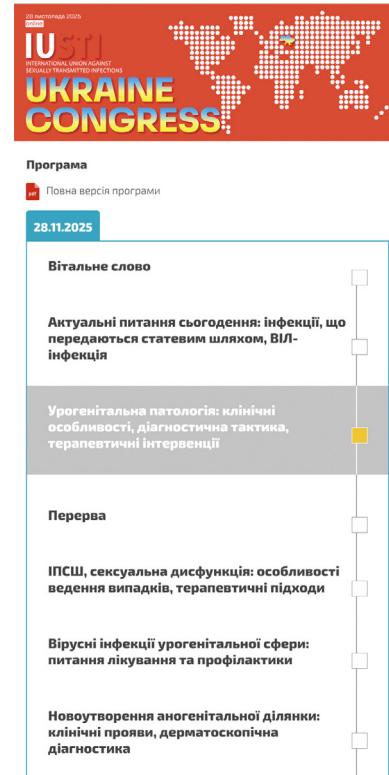


PARASITIC DISEASE SURVEILLANCE

- Draft recommendations on the epidemiological surveillance of parasitic diseases have been developed.

SEXUALLY TRANSMITTED INFECTIONS SURVEILLANCE

- Accounting and reporting forms on STIs were updated.
- A draft Technical Guidance on STI surveillance, including syndromic, was developed.
- A roadmap for the elimination of mother-to-child transmission of HIV, syphilis, and hepatitis B, with integrated measures for hepatitis C, for the period 2025-2027 was developed.
- Presented the epidemiological features and current trends in the spread of sexually transmitted infections at the online "IUSTI Ukraine Congress 2025".



ADVANCEMENT OF THE ELECTRONIC SYSTEM OF EPIDEMIOLOGICAL SURVEILLANCE

TRAINING

- A webinar on working in the ESS, including recent system updates and improvements, was held, with **420 participants** from the regional Centers for Disease Control and Prevention and their separate structural divisions. Feedback and suggestions for further system improvements were collected.
- A WhatsApp group was created to support ESS users (currently 429 active users).
- A unified knowledge base with instructions on using ESS functionality was developed. It is continuously updated and supplemented with relevant information. All instructions are available at the following link: <https://knowledge-ess.phc.org.ua/>.



- A training course on working with the "Analytical Data" module was developed, and in-person seminars were conducted for the regional Centers for Disease Control and Prevention:
- Kharkiv – 30 participants;
- Kropyvnytskyi (including representatives from the Kherson and Mykolaiv Centers for Disease Control and Prevention) – 30 participants;
- Dnipro – 30 participants (10 from the Donetsk Center for Disease Control and Prevention)
- Poltava – 30 participants;
- Zaporizhzhia – 12 participants.

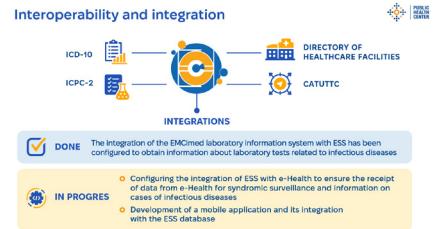
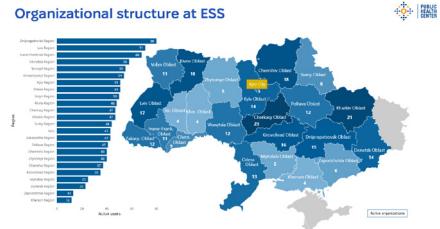
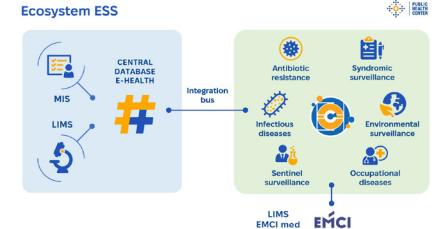
TECHNICAL SUPPORT

A total of **1,549 requests** from system users were processed. Most requests are related to data corrections, access management, and information archiving. This reflects active use of the system's functionality and the need for prompt support to ensure data accuracy and uninterrupted operation.

Technical issues classified as bugs accounted for only a small proportion of all requests, confirming the system's overall stability. The structure of requests highlights the predominance of operational over technical issues and underscores the importance of continuously updating instructions and reference materials to reduce repeated inquiries.

ESS IMPROVEMENTS

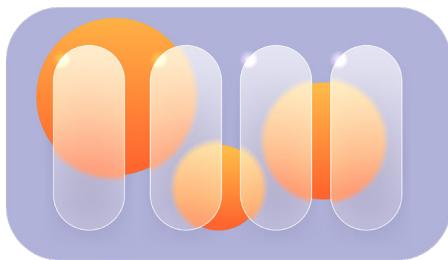
- The ESS was deployed on secure cloud infrastructure with backup power sources, ensuring stable 24/7 availability.
- A series of improvements was implemented in the ESS modules "Infectious Diseases," "Sentinel Surveillance," "Antibiotic Resistance," and "Syndromic Surveillance" to enhance functionality, user-friendliness, and information security.
- The ESS modules were tested to confirm the functional suitability and stability of the updated system components.



- An analysis of the ESS operational efficiency (performance of key system processes) was conducted.
- ESS interface mock-ups were developed to improve user experience, reduce user workload, and increase data processing efficiency.
- Technical specifications were prepared for further system enhancements, including the development of a mobile application, implementation of two-factor authentication using a qualified electronic signature, and improvements to the audit module.

DISSEMINATION PROGRESS

- **39 informational materials** were developed and published across the PHC website and social media channels
- Website articles reached **5,757 people and 7,429 views**



ACHIEVED MILESTONES AND DELIVERABLES

(June-Nov 2025):

- Milestone 11** - Sustainability Concept
- Milestone 12** - Assessment of the infectious disease surveillance system
- Milestone 15** - Analysis of the legal framework for parasitosis
- Milestone 20** - Technical Guidance on the STIs surveillance, including syndromic
- Milestone 23** - Technical maintenance of the operation of the ESS
- Deliverable 6.1** - Terms of Reference (ToR) for the mobile application and ESS functionality modernisation

- Social media posts reached **545,491 people** and generated **852,720 impressions**
- Project materials were referenced or featured in numerous national and regional media, including **UNN, ZN.UA, Ukrinform, Espresso, Infocity Kharkiv**

UPCOMING MILESTONES AND DELIVERABLES

(Dec 2025-May 2026):

- Milestone 12** Assessment (February 2026)
- Milestone 2** Project intermediate meeting (May 2026)
- Milestone 3** Progress meeting (May 2026)
- Milestone 6** Technical Report (interim) (May 2026)
- Milestone 14** Trainings on zoonotic diseases (May 2026)
- Milestone 16** Draft Order of MoH/Technical Guidance on the parasitosis epidemiologic surveillance (May 2026)
- Milestone 28** Sessions of the training-of-trainers programs (May 2026)
- Deliverable 2.1** Dissemination Report (interim) (May 2026)
- Deliverable 3.1** Interim Evaluation Report (May 2026)
- Deliverable 5.1** Interim Assessment Report (May 2026)
- Deliverable 6.2** An analytical report on ESS modernization and piloting (May 2026)

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