



STRENGTHENING UKRAINE'S IMMUNIZATION PROGRAM AND BUILDING A SUSTAINABLE VACCINE SUPPLY CHAIN SYSTEM

KEY OUTCOMES AND IMPACT OF SAFEMED'S SUPPORT

APRIL 2025



To mitigate the impact of the COVID-19 pandemic in March 2020 and address vaccine distribution challenges, SAFEMed assisted the Ministry of Health of Ukraine (MOH) to enhance vaccine logistics and cold-chain infrastructure. Despite the full-scale war that broke out in February 2022, SAFEMed continues to support the delivery of COVID-19 and routine vaccines, ensuring lifesaving immunizations for millions of Ukrainians.

ACTIONS:

- Vaccine distribution
- Strengthening data management
- Cold-chain enhancement
- Legislative development
- Training health care professionals
- Partner coordination



Cold storage room at a Zhytomyr rCDC. Credit: SAFEMed

STRENGTHENED CAPACITY OF 24 REGIONAL CENTERS FOR DISEASE CONTROL AND PREVENTION (RCDs) TO MANAGE VACCINE LOGISTICS

Following the establishment of **25 rCDCs** in 2021, SAFEMed collaborated with the MOH to help these centers address gaps in cold-chain storage and logistic capabilities and manage immunization programs more effectively. By **2024**, comprehensive technical assistance, capacity-building efforts, and cold-chain equipment upgrades from international partners including SAFEMed enabled **24 rCDCs** to operate fully and distribute vaccines across the country. To further enhance cold-chain capacity at the regional level, SAFEMed delivered **133** insulated vaccine containers and **370** data-loggers to rCDCs, providing safe storage and temperature monitoring to ensure vaccines remain effective and safe to use. SAFEMed's support, in partnership with the MOH, UNICEF, and other stakeholders, continues to strengthen vaccine supply chain infrastructure and pave the way for long-term immunization success in Ukraine.

SAFEMED-SUPPORTED

4.8m+

COVID-19 vaccine doses distributed between 2021-2025

153,000

Measles, Mumps, and Rubella (MMR) vaccines delivered in a catch-up campaign in 2023, protecting children who missed immunizations

4.8m+

routine vaccines distributed from February 2022 to January 2025

DATA MANAGEMENT

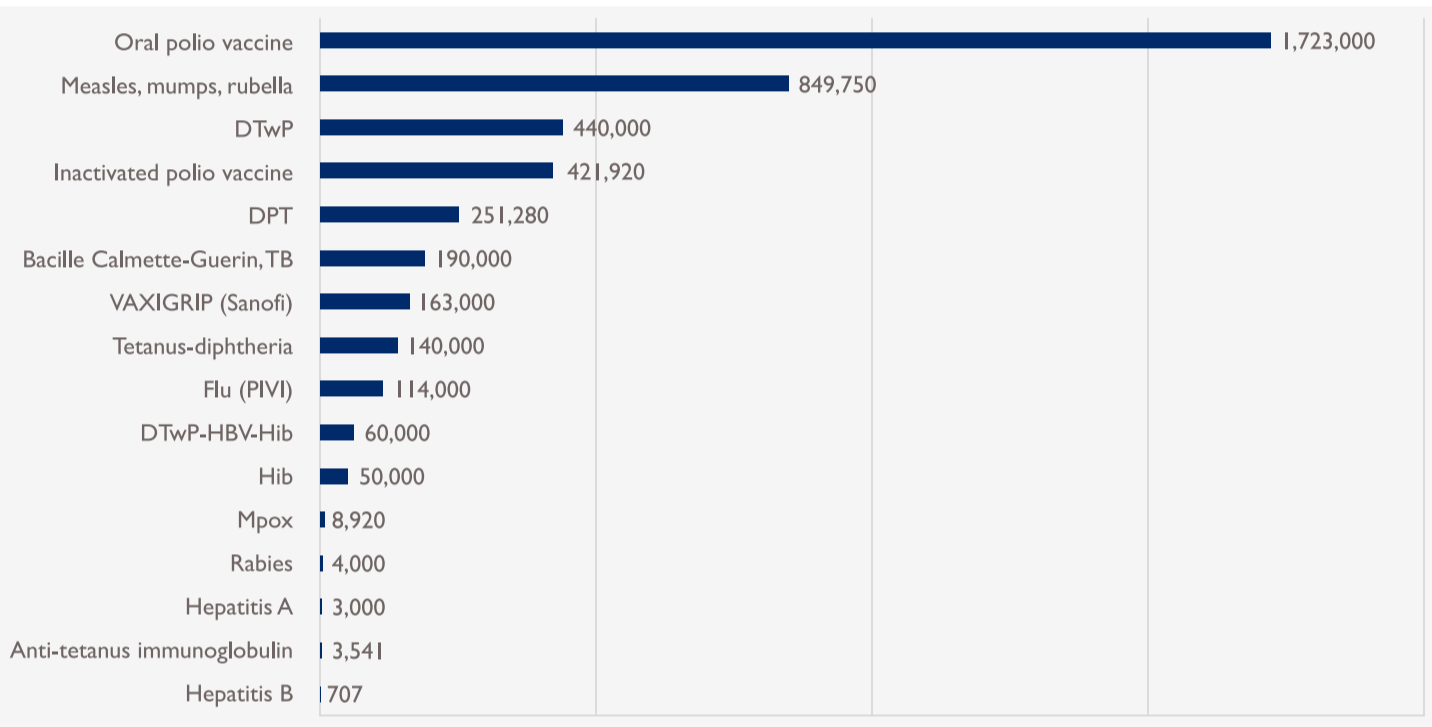
2,400

health care providers used the improved MedData system for real-time vaccine stock monitoring



Updated COVID-19 vaccine registry became interoperable with other databases, facilitating the creation of **COVID Vaccination eCertificates**

DELIVERY OF ROUTINE VACCINES DURING WARTIME



From **February 2022-September 2025**, SAFEMed delivered around **4.8 million** doses of vaccines used for routine immunizations.

Total value of COVID-19 PPEs (Personal protective equipment) procured by MPU (Medical Procurement of Ukraine) with Government of Ukraine Emergency Funds

171,935,969 UAH or 6.15M USD

Total cost of PPE logistics covered by SAFEMed



4,013,300 UAH or 143,462 USD

Total number of COVID-19 PPE procured by MPU



COVID-19 Personal Protective Equipment (PPE) distributed with SAFEMed support (June 2020–March 2021)

LEGISLATIVE SUPPORT

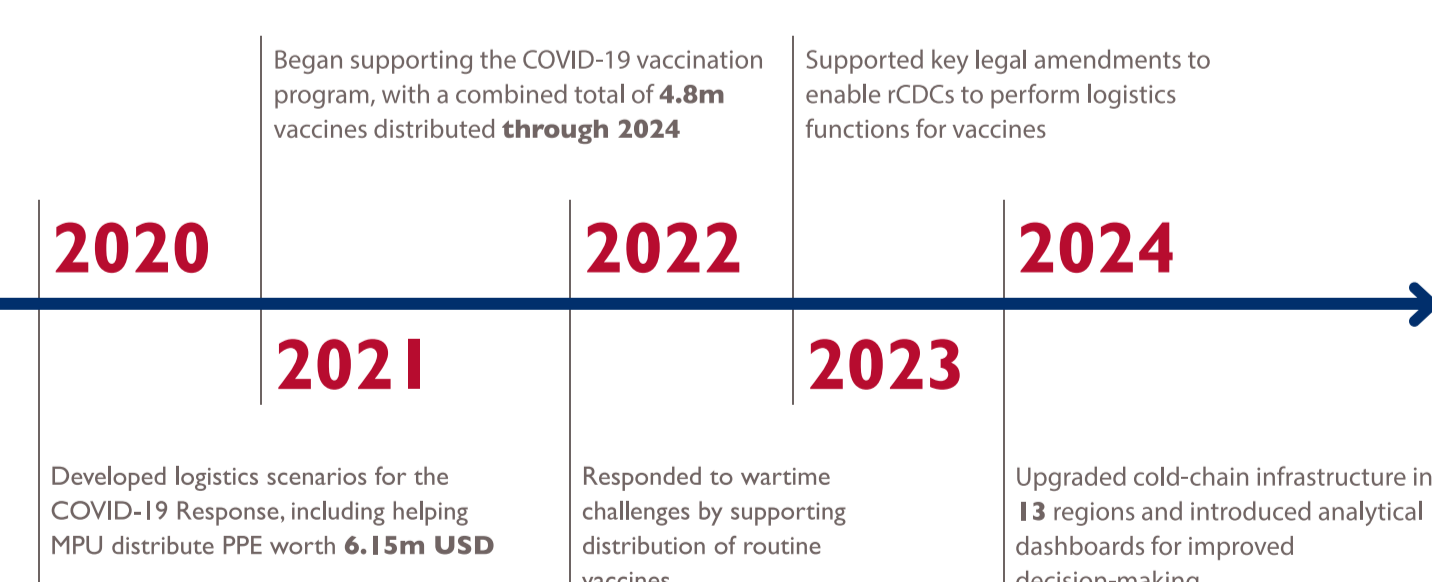


Airport staff unload a shipment of vaccines at the Kyiv international airport in May 2021
Photo credit: UNICEF/Ukraine

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legal acts developed and adopted by **November 2024**, establishing a robust framework for improving the vaccine supply chain system. These acts clarify stakeholder roles in vaccine logistics and data management. They also further strengthen Ukraine's National Immunization Program and MOH efforts to control preventable diseases.

TIMELINE:



PARTNERSHIPS:



LOOKING AHEAD:

SAFEMed remains committed to scaling vaccine logistics innovations and supporting public health initiatives. **In 2025**, SAFEMed will focus on the following activities:

- Launch new modules for monitoring vaccine stock and finalize analytical dashboards to guide national decisions on vaccine procurement and distribution
- Analyze national cold-chain equipment capacity
- Complete last-mile vaccine delivery pilot and recommend most cost-effective logistics model to institutionalize this crucial distribution service

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