

Health Supply Chain Tools and Resources

Templates and Tools

- [TEMPLATE - Cold Chain Temperature Monitoring Chart](#)
- [HHS - Emergency Response Medical Logistics Operational Toolkit](#)

Sites and Resources

- [Approved essential medicines per country](#)
- [Basel Convention on the Control of Transboundary Movements of Hazardous Wastes](#)
- [DG ECHO - Review of quality assurance \(QA\) mechanisms for medicines and medical supplies in humanitarian aid](#)
- [ICRC - Medical Waste Management Guidelines](#)
- [Immunizationacademy.com](#)
- [JSI - Guidelines for the Storage of Essential Medicines and other Health Commodities](#)
- [MSF - Cold Chain Evaluation](#)
- [PATH - Total Cost of Ownership Tool for Cold Chain Equipment](#)
- [PATH / WHO - Delivering Vaccines: A Cost Comparison of In-Country Vaccine Transport Container Options](#)
- [Stockholm Convention on Persistent Organic Pollutants \(POPs\)](#)
- [Technical Network for Strengthening Immunization Services](#)
- [USAID - Logistics Handbook, A Practical Guide for the Supply Chain Management of Health Commodities](#)
- [UNICEF - Cold Chain Technical Support](#)
- [UNICEF / WHO - Effective Vaccine Store Management Initiative](#)
- [UNICEF - Procurement Guidelines for Walk-In Cold Rooms And Freezer Rooms](#)
- [UNICEF - Procurement Guidelines, Compression System Refrigerators and Freezers](#)
- [UNICEF - Procurement Guidelines, Solar Direct Drive Refrigerators and Freezers](#)
- [UNICEF - Procurement Guidelines, Temperature Monitoring Devices](#)
- [UNICEF - Procurement Guidelines, Vaccine Carriers and Cold Boxes](#)
- [UNICEF / WHO - Decommissioning and Safe Disposal of Cold Chain Equipment](#)
- [WFP Logistics Cluster - Downstream Logistics in Pandemics](#)
- [WHO - Effective Vaccine Management \(EVM\) model standard operating procedures](#)
- [WHO - Expert Committee on Specifications for Pharmaceutical Preparations](#)
- [WHO - Interagency Emergency Health Kit](#)
- [WHO - Guidelines on the International Packaging and Shipping of Vaccines](#)
- [WHO - Guideline For Establishing Or Improving Primary And Intermediate Vaccine Stores](#)
- [WHO - Guidelines for Medicine Donations](#)
- [WHO - Guidance on Regulations for the Transport of Infectious Substances](#)
- [WHO - How to Monitor Temperatures in the Vaccine Supply Chain](#)
- [WHO - How to calculate vaccine volumes and cold chain capacity requirements](#)
- [WHO - How to use passive containers and coolant-packs, 2015](#)
- [WHO - Introducing Solar-powered Vaccine Refrigerator and Freezer Systems, A Guide for Managers in National Immunization Programmes](#)
- [WHO - Immunization in practice: A practical guide for health staff. Geneva](#)
- [WHO - Model List of Essential Medicines](#)
- [WHO - Performance, Quality and Safety \(PQS\)](#)
- [WHO - Safe Disposal of Unwanted Pharmaceuticals](#)
- [WHO - Safe Management of Wastes from Health-Care Activities](#)
- [WHO - Solar direct-drive vaccine refrigerators and freezers](#)

- [WHO - Selection of Essential Medicines at Country Level](#)
- [WHO - Study protocol for temperature monitoring in the vaccine cold chain](#)
- [WHO - Supplement 01 - Selecting sites for storage facilities - May 2015](#)
- [WHO - Supplement 02 - Design of storage facilities - May 2015](#)
- [WHO - Supplement 03 - Estimating the capacity of storage facilities - May 2015](#)
- [WHO - Supplement 04 - Security and fire protection in storage facilities - May 2015](#)
- [WHO - Supplement 05 - Maintenance of storage facilities - May 2015](#)
- [WHO - Supplement 06 - Temperature and Humidity Monitoring Systems for Fixed Storage Areas - May 2015](#)
- [WHO - Supplement 07 - Qualification of Temperature-controlled Storage Areas - May 2015](#)
- [WHO - Supplement 08 - Temperature Mapping of Storage Areas - May 2015](#)
- [WHO - Supplement 09 - Refrigeration equipment maintenance - May 2015](#)
- [WHO - Supplement 10 - Checking the accuracy of temperature control and monitoring devices - May 2015](#)
- [WHO - Supplement 11 - Qualification of refrigerated road vehicles - May 2015](#)
- [WHO - Supplement 12 - Temperature-controlled Transport Operations by Road and by Air - May 2015](#)
- [WHO - Supplement 13 - Qualification of shipping containers - May 2015](#)
- [WHO - Supplement 14 - Transport route profiling qualification - May 2015](#)
- [WHO - Supplement 15 - Temperature and humidity monitoring systems for transport operations - May 2015](#)
- [WHO - Supplement 16 - Environmental management of refrigerant gases and refrigeration equipment - May 2015](#)
- [WHO - Thermostability of vaccines](#)
- [WHO - User's handbook for vaccine cold rooms and freezer rooms](#)