# Malawi

Movement of Information

Movement of stock

**National Warehouse (2)**

Nat'l team makes policy and procurement decisions based on visualizations **(Annually)**

Nat'l team visualizes data and trends across country

Nat'l team exports data to visualization tool

Data sent to UNICEF & manufacturers

**UNICEF**
Vaccines flown to capital

EPI Program Manager (1), Logisticians (2), and Planning Officers

These members are part of the Central Monitoring and Evaluation Department (CEMED)

**National Warehouse**
Distributes products that require refrigeration

**National Drystore**
Distributes products that don't require refrigeration

**Regional Storerooms (3)**

Regional Vaccine Coordinator requisitions stock based on usage

Regional Vaccine Coordinator & Asst. (2 per region)

DVD-MT emailed to nat'l level

Data bypasses regional level

**Regional Storeroom**

Stock delivered by lorry with cold box according to amounts requisitioned by the RVC.

District HMIS Coordinator keys data into DHIS2

DHIS2

**District Storeroom (28)**

District HMIS Coordinator

DVD-MT

District EPI Coordinator keys aggregated data into the DVD-MT

District EPI Coordinator aggregates facility data into district summary

District EPI Coordinator & District Environmental Health Officer

District EPI Coordinator requisitions stock based on usage

**District Storeroom**

Stock delivered by Land Cruiser with cold box according to amounts requisitioned by the district EPI coordinator and approved by regional vaccine coordinator **each month.**

**Health Facility (~800)**

CHW hand delivers monthly report to District Office **each month**

Tally sheet aggregated **once per month** on to monthly report

Vaccinations data **tallied daily** on register

Community Health Worker (1 per facility)

**Health Facility**

Stock distributed by open truck with cold box or ambulance.

**Community**

Outreach data documented on register **every day**

Village clinics performed regularly

| Programmatic Data Captured | Stock Data Captured | Challenges |
|---|---|---|
| ▸ Number of vaccinations performed<br>▸ Number of new patients<br>▸ Number of patients that did not come<br>▸ Coverage rates for all antigens<br>▸ Disease surveillance data<br>▸ Refrigerator temperature monitoring | ▸ Stock used during period<br>▸ Stock remaining at close of period<br>▸ Stock received during period<br>▸ Stock wasted, lost, damaged, discarded, and returned during period | ▸ Census data is outdated, leading to poor forecasts & coverage rates > 100%<br>▸ Data has high error rates from the Community Health Worker all the way up the chain<br>▸ 2 - 3 month delay between data capture and visibility at Nat'l level<br>▸ Frequent power outages & CCE break-downs pose risk to vaccine quality at regional level and below<br>▸ Vehicle break-downs and fuel shortages pose challenges to on-time delivery |