Health System Strengthening in Tanzania: An Opportunity for the IVD Program

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Overview of the National Supply Chain

- **9 Zonal Stores**
- **27 Regional Stores**
- **5000+ Health Centers & Dispensaries**

- **Combined total of ~800 products**

- **Region**
  - Essential Medicines
  - Malaria
  - Family Planning
  - ARV/HIV
  - Lab/Diagnostic
  - Tuberculosis
  - Immunization

- **District**

- **KEY:**
  - N = National Hospital
  - S = Special Hospital
  - RF = Referral Hospital
  - RH = Regional Hospital
  - MC = Municipal Hospital
  - DC = District Hospital
  - HC = Health Centre
  - DISP = Dispensary

- **ILS**
Integrating Supply Chain Information and Human Resource Management for IVD

Requisitions and Reports (R&R)

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Orders

Shipments

Service Delivery Point

District

Region

Medical Store Department

ILS Gateway

eLMIS VIMS

LMU

MSD ERP EPICOR

R&R ARVs

R&R HIV tests

R&R Lab

R&R ILS

R&R TB

IVD Report
Leveraging Warehousing & Distribution Infrastructure Improvements
Lost Opportunities: Supply Chain Network Redesign and Distribution Optimization

- Average of 30% distance savings for facilities that change distribution sources
- ~70,000km less distance traveled annually through optimized network
- Reduction in lead time by 10-14 days
- ~20–30% cost savings
The Opportunity for IVD: Rewrite This Ending