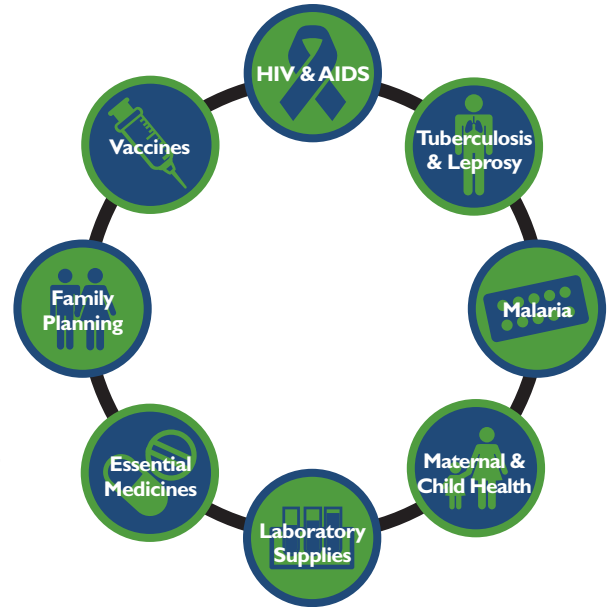# Strengthening Health Systems in Tanzania

eLMIS: Automated Data for Integrated Health Logistics Management

Health programs rely on supply chains for adequate quantities and quality of health products for their patients. To meet patient demand and improve health outcomes, Tanzania, in collaboration with Zambia, built an electronic logistics management information system (eLMIS) that includes most major health programs in the country. eLMIS links health facilities with the central store to collect and distribute logistics data in real time. Knowing which medicines are used and which medicines are required helps supply chain managers provide continuity of supply for patients.

Circular diagram of health programs: HIV & AIDS, Tuberculosis & Leprosy, Malaria, Maternal & Child Health, Laboratory Supplies, Essential Medicines, Family Planning, Vaccines

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Why eLMIS?

- Faster, easier, and more accurate reporting data for supply chain managers
- Improved stock management for better decisionmaking
- Better decisions regarding stock levels
- Reduced stockouts
- Better health outcomes

Benefits of eLMIS

Generates cost savings by eliminating books and couriers

Simplifies data gathering, reporting, and authorization through commodity integration

Improves data quality and timeliness

Increases accountability by improving data visibility for managers

Reduces workload for health facility staff and logisticians

Provides access to real time and historical data for more informed decisionmaking

Flexibility to adapt to changes in existing and future logistics systems

Developed to interface with other e-tools supporting health initiatives

Potential time-savings by using eLMIS

eLMIS		Manual LMIS
less than a minute	Health facility staff calculate order quantities and order new supplies	3 hours
minute	Quarterly report and order sent to district for approval	7 days
minute	Quarterly report and order sent to the Medical Stores Department (MSD) zones	7 days
minute	Report and order data from the nine MSD zones made visible in the central system	1-14 days
minute	Time it takes for health facility data to reach the central level	7-14 days
minute	Time it takes for the health facility to get feedback from the MSD	1-8 weeks

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