Background

- The DOTS strategy used for TB control requires an uninterrupted supply of quality-assured anti-TB drugs
- Project HOPE working in Central Asia in TB since 1993
- Assessment done in 2004-2005 revealed problems in the TB drug supply
- Key recommendation was to improve/develop Logistics Management Information Systems (LMIS)

Goal

To put in place a Logistics Management Information System (LMIS) that provides adequate information to ensure an uninterrupted and efficient drug supply at all levels.

What is LMIS?

A system to ensure a continuous drug supply, in this case for anti-TB drugs. Provides reports on:
- a) drugs dispensed to patients,
- b) drug stock balances,
- c) stock losses,
- d) stock adjustments,
- e) drugs received during quarter

Methods for Development of LMIS

- Convened Thematic Working Groups on Drug Management with specialists from MOH, National TB Programs, International organizations working in TB
- Reviewed key factors for improvement in drug management: legislation, transport, training, recording/reporting system, storage, M&E system
- Designed/improved LMIS for each country in collaboration with John Snow, Inc.; field tested
- Trained on system & use of new recording/reporting forms

Special Considerations:
Adapt to local health systems, languages, drug procurement and distribution processes; paper versus electronic system

Quarterly reporting structure for LMIS

Selected District Recording & Reporting forms:
- TB Drug Stores Ledger
- MOH TB Drug distribution plan
- Inventory Report & Invoices
- Record of Drug Expiration Dates
- District Quarterly Report
- Daily Activities Register
- Stop TB Kit Stores Register (Tajikistan only)

Results for all 5 countries

- LMIS accepted and used in each country
- All forms pilot-tested and LMIS Manual developed
- Workshops & trainings have been conducted on LMIS
- Trained staff cadres have been prepared to support nationwide roll-out of the LMIS
- Assessments are being conducted following trainings and problems identified are being analyzed & addressed

Conclusions

- LMIS systems have been successfully developed and have done large-scale implementation
- The systems have been field-tested and widely accepted throughout the region
- Results from pilot areas show that the system will provide adequate information on consumption and distribution of TB drugs at all levels, leading to adequate & uninterrupted distribution of supplies