Providing treatment with antiretroviral (ARV) medicines to HIV-positive people helps ensure they can live healthier lives and also helps control the spread of the HIV epidemic. However, frequent stock-outs can prevent patients from staying on or starting treatment. A regular and reliable supply of ARVs is key to ensuring treatment reaches those who need it most. The Systems for Improved Access to Pharmaceuticals and Services (SIAPS) program is working to strengthen the supply chain for HIV/AIDS commodities in the West Africa region through the use of an early warning dashboard and tracking system.

**Country-specific information on the HIV epidemic**
- National stock levels of ARVs and HIV test kits
- Expiration and oversupply tracking
- Commodity consumption rates
- Shipment status
- Available funding for procurement

**Data Aggregated Through Early Warning System Dashboard**

**Commodity Management Coordinated Among Stakeholders**

**The Early Warning System:**
- Signals stock-outs and product expiries
- Standardizes data collection and analysis
- Anticipates future funding gaps

**Supports informed decision making**
- Ministries of Health and other government stakeholders
- National AIDS Control Programs
- West Africa Health Organization (WAHO)
- USAID

**Sample of selected outputs from the dashboard showing commodities data from Togo in March 2014:**
- a) map indicating risk of stock out at individual health facilities
- b, c) percentage of products in each risk category
- d) summary of national stock levels for HIV/AIDS commodities

**Benefits of a Dashboard for HIV/AIDS Commodities**
- Better data quality
- Improved decision making
- More accurate forecasting and quantification
- Improved capacity of local partners to anticipate and prevent stock-outs
- Strengthened pharmaceutical management systems for improved availability of ARVs

**Scale-up and Sustainability**
- Potential roll-out in other PEPFAR countries and regions
- Adapting to other health commodities including those for malaria, family planning, and maternal and child health in Mali, Guinea, and South Sudan
- Technology transfer to WAHO along with adequate technical capacity building to use, maintain, and continue roll-out of the dashboard
- WAHO to use dashboard to manage regional supply of buffer stock

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*Implementation delayed due to Ebola outbreak*