



Global Health

Supply Chain Summit

Track #5.2

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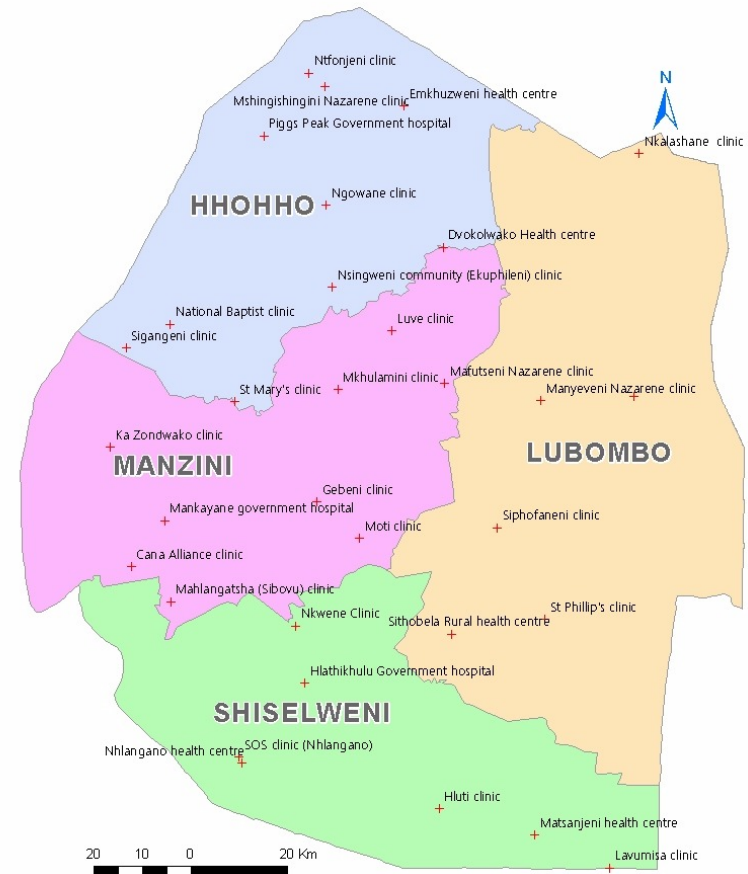


Eswatini has four administrative regions

Total population 1.14 million and 202,608 PLHIV

287 facilities receive supplies from CMS

Over 80% of facilities are clinics



The Eswatini Supply Chain System



All facilities order from the Central Medical Stores



Lack of real-time data



Limited end-to-end visibility



HR challenges



MoH instituted a supportive supervision approach in October 2019 with GHSC-PSM support to strengthen the supply chain



GHSC-PSM seconded four Regional Logistics Officers (RLOs) to work with Regional Pharmacists



Regions are provided with transport for each month for a week to conduct supportive supervision visits

The Supportive Supervision Approach



- Data on supply chain performance captured electronically using Magpi.
- Results are shared with Regional Health Management Teams (RHMTs).
- A consultative approach is used in quality improvement planning.

Forms

Search forms

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NCD LMIS PILOT

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SST 8 B4 ADDITION COMPLETENESS OF STOCK DATA

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SS 10 PHARMACOVIGILANCE PTC WASTE MNGMNT

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SS 1 VISIT DETAILS AND REVIEW OF LAST SUPERVISION

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SS 2 ORDERING AND REPORTING QUALITY

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SS 3 B4 PSM ONLY TIMELINESS OF LMIS REPORTS

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SS 5 PHARMACY DISPENSING CONDITIONS AND PRACTICES

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SS 6 LABORATORY WORK AREA CONDITIONS AND PRACTICES

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SS 7 ART STOCK MANAGEMENT AND INVENTORY CONTROL

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SS 7 EM STOCK MANAGEMENT AND INVENTORY CONTROL

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SS 7 LAB STOCK MANAGEMENT AND INVENTORY CONTROL

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SS 7 ST STOCK MANAGEMENT AND INVENTORY CONTROL

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SS 9 STORAGE CONDITIONS AND MANAGEMENT

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Training Reporting

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Supply Chain Performance

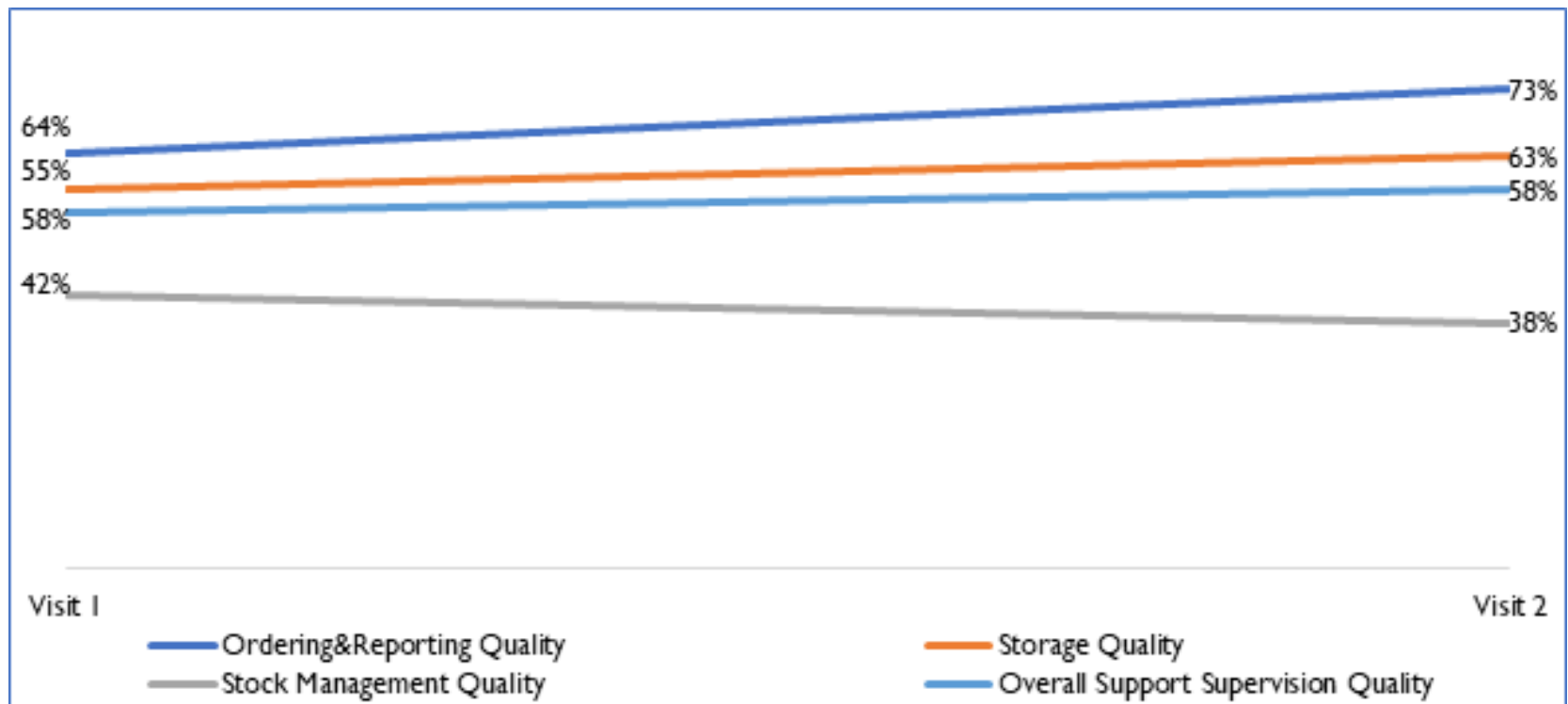


Performance of three key supply chain outcomes between visits one and two.

Visit 1: Nov 2019 – Mar 2020

Visit 2: Apr 2020 – Oct 2020

Average Visit Interval: 6 months



Adaptation of the Supportive Supervision Approach for COVID-19 Response



- Regional Teams leveraged their mobility (i.e., GHSC-PSM provided transportation) to assess stock status of commodities.
- Near real-time stock status data at facilities collected using Google forms platform.
- The specific data points collected include:
 - Stock on Hand
 - Average Monthly Consumption and expiry dates
- Data analyzed in Google sheets.

Data Collection System for Facility Stock Status Monitoring



GHSC-PSM - Eswatini - All Docu... Regional Facility Stock Status Mo... +

docs.google.com/forms/d/e/1FAIpQLSfXLRDg12e_rvXcmSn_QvOkioLz_UCwnkZDG37eusv1AS7i9A/viewform

Apps STATA HIV-AIDS Research SI Learning USG Chemonics ASU RESPONSES: REGIO... FORM:Regional Faci... phpMyAdmin Pakistan Lo

Regional Facility Stock Status Monitoring Online Data Collection Form

To be used by Regional Teams and Implementing Partners to monitor stock in their region

* Required

Guidance

This form is to be used by regional teams to assess facility commodity stocks status as part of their routine visits to facilities. The aim is to facilitate re-distribution of commodities between facilities and initiation of emergency orders to CMS by regional teams to avoid stock-outs and treatment interruptions.

Status assessment of commodities at risk of stock out at CMS will be prioritized for this activity. Every month, you are required to completely fill data for at least the TOP 5 commodities in the list provided and fill out the Physical Stock on Hand from a physical count and the Average Monthly Consumption (AMC) and months of stock (MOS) from the stock card.

You are required to fill out this data directly from your phones, tablets and computers or alternatively use the hard copy form to collect the data and capture into this database afterwards.

Today's date *

Please ensure the date is extremely accurate since there is no validation

Date

Decision Support Pivot Tables



		ABACAVIR/LAMIVUDINE (600/300mg) 30 Tabs		
Region	Facility Name	SOH	AMC	MOS
Hhohho	Baylor Childrens COE	108	314	0.3
	Dvokolwako Health Center	100	123	0.8
	Emkhuzweni Health Centre	220	200	1.1
	Lobamba Clinic	648	381	1.7
	Motshane Clinic	100	123	0.8
	Mbabane Government Hospital	2136	776	2.8
	St Mary's Clinic	190	22	8.6
	Piggs Peak Hospital SELF	1426	314	4.5
Manzini	Family Life Association Clinic Manzini	180	284	0.6
	St Therasas Clinic	3	50	0.1
	Mathangeni Clinic	288	14	20.6
	Matsapha MSF Clinic	180	284	0.6
	National Psychiatric Referral Hospital	884	293	3.0
	Mliba Clinic	276	59	4.7
	TASC	180	20	9.0
	Women & Children Hospital	15	4	3.8
	Women & Men	56	110	0.5

Key Results



- ✓ Improved supply chain performance in the following key areas:
 - Commodity ordering and reporting quality
 - Quality of storage conditions
 - Stock management and inventory quality
- ✓ Better coordination and communication between facilities, CMS and regions.
 - Availability of monthly visitation schedule and well-coordinated transport arrangements
- ✓ Systemic documentation and tracking of stock re-distribution between facilities.
- ✓ Data Collection on facility stock status for the following key parameters:
 - Stock on hand
 - Average monthly consumption
 - ARV expiry dates
- ✓ Total of 179 in-person visits conducted, 46 were repeat visits.
- ✓ Total 984 patient-months worth of ART commodities redistributed.

List of Redistributed Products



Product Name	Number of facilities supported	Patient-months re-distributed
Abacavir 300mg; 60 Tabs	3	48
Atazanavir/Ritonavir (300/100mg)	2	84
Tenofovir/Lamivudine/Efavirenz (300/300/600mg); 30 Tabs	1	108
Tenofovir/Lamivudine (300/300mg); 30 Tabs	4	200
Lopinavir/Ritonavir (200/50mg); 120 Tabs	5	52
Lamivudine (150mg); 60 Tabs	3	45
Zidovudine Syrup 50mg/5ml; 240ml	1	15
Zidovudine/Lamivudine (300/150mg) 60 Tabs	2	432
Total	21	984

Conclusion



- Supportive Supervision visits have increased end-to-end visibility of the supply chain.
- Real-time stock status monitoring system has been successfully used to maintain reliable stock supplies.
- Use of the tool has been extended to the identification and quantification of short-dated and slow-moving stocks at service delivery points.
- Consistent collaboration and communication among stakeholders.
- Increased front-line health care workers confidence in the supply chain.



Supportive supervision staff reviewing data. Photo credit: *GHSC-PSM*.



Going over stock cards with health care staff. Photo credit: *GHSC-PSM*.

Thank you!

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