
Mapping of health facilities and additional data collection to complete the situation analysis of the Ugandan Pharmaceutical sector

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MANAGEMENT SCIENCES for HEALTH

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About MSH

Management Sciences for Health is a private, nonprofit organization, dedicated to closing the gap between what is known about public health problems and what is done to solve them. Since 1971, MSH has worked with policymakers, health professionals, and health care consumers around the world to improve the quality, availability, and affordability of health-related services.

MSH has helped strengthen public and private health programs in more than 100 countries by providing technical assistance, conducting training, carrying out research, and developing systems for improving program management. MSH's staff of more than 1,000 work in its Cambridge, Massachusetts, headquarters; offices in the Washington, DC, area; and field offices throughout the world.

We provide long- and short-term technical assistance through four technical centers: Country Programs, Health Outcomes, Leadership and Management, and Pharmaceutical Management. Areas of assistance include maternal and child health, HIV/AIDS, tuberculosis, malaria, community-based services, supply chain management, and health reform and financing. Our publications and electronic products augment our assistance in these areas.

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ACRONYMS

ADDO	Accredited Drug Dispensing Outlets
DADI	District Assistant Drug Inspector
EADSI	East African Drug Sellers Initiative
MoH	Ministry Of Health
NDA	National Drug Authority
PHC	primary health care
SEAM	Strategies for Enhancing Access to Medicines
WHO	World Health Organization

BACKGROUND

Management Sciences for Health (MSH) in collaboration with the Ministry of Health and the National Drug Authority (NDA) is in the process of implementing a private sector drug seller initiative in Uganda aimed at increasing access to essential medicines, particularly in the more remote underserved populations.

This builds on MSH's Strategies for Enhancing Access to Medicines (SEAM) Program, which, in collaboration with the government of Tanzania, launched the country's successful accredited drug dispensing outlet (ADDO) program. The objective in Uganda is to develop a plan to adapt the Tanzania ADDO model to address Ugandan needs and circumstances and demonstrate the adapted model in one district compared to one control district.

The first task in the development of this model was to carry out a situation analysis on the pharmaceutical sector in Uganda. A desk review of the Uganda Pharmaceutical sector, based on published data, was completed and a draft situational analysis report discussed during a stakeholders' meeting held on June 17, 2008. Information gaps were identified during the meeting and one of the key outputs of the meeting was for MSH to collect additional data to fill these gaps.

MSH working together with the National Drug Authority (NDA) and the Pharmaceutical society of Uganda selected Kibale and Mpigi districts for additional data collection from mapped health facilities in the two districts.

PURPOSE OF THE DATA COLLECTION

The objectives were two-fold—

1. Provide an inventory of all health facilities in the two districts through a mapping exercise
2. Gather data to fill information gaps identified in the stake holders meeting of June 17, 2008

SCOPE OF WORK

- Mapping of health facilities in the two districts
- Adoption of SEAM data collection and data entry instruments to the Ugandan situation.
- Training of data collectors and pre-testing of data collection and entry instruments
- Sampling of health facilities for data collection
- Collection of data from the sampled facilities in the two districts

ACTIVITIES

MAPPING OF HEALTH FACILITIES

Earth Consult (U) Limited was contracted to map all health facilities in the two districts. The following categories of facilities were mapped

- Retail Pharmacies
- Wholesale Pharmacies
- Licensed class-C drug shops
- Unlicensed drug shops
- Private clinics
- Private hospitals
- Public hospitals
- Public health centers

The following additional information was collected

- Name of health facility
- Address of the facility (County, sub-county, Parish and village)
- Name and telephone contact of the person in-charge of the facility
- Owner category of the facility e.g. Government, Catholic
- Level of care

From preliminary data obtained, the following number of facilities was mapped

	Kibale	Mpigi
Licensed drug shops	98	Still pending
Unlicensed drug shops	52	18
Wholesale pharmacies	2	0
Private clinics	15	27
Private hospitals	0	5
Health Centre II	9	28
Health centre III	15	22
Health centre IV	4	2
Public hospital	1	1

ADOPTION OF SEAM DATA COLLECTION AND DATA ENTRY TOOLS

SEAM tools were adopted for data collection from the Class C drug shops, Public and faith based Health Centre IIs and Private clinics. The tools that were adopted for data collection in Uganda include;

- Drug shop general survey tool
- Availability and Price

- Simulated client interview
- Health facility (Private clinics and Health centre IIs)
- Patient exit interviews

Data entry tools were developed based on Ms Excel.

TRAINING OF DATA COLLECTORS

The Pharmaceutical Society of Uganda was contracted to do the data collection. A total of eight data collectors were trained on August 06 2008. The training focused on the data collection and data entry tools.

After the one day training, the data collection tools were pre-tested, on August 06 2008, in 6 drug shops and 4 clinics. Interviews were held with the drug shop operators and in-charges of clinics. In addition, simulated client and patient exit interviews were held and the data was entered into the data entry tools. Based on the pre-testing exercise, corrections were made and the tools finalized.

SAMPLING OF HEALTH FACILITIES

Using a 10% confidence interval, the following sample size was chosen.

Facility type	No. of facilities	
	Mpigi	Kibale
Licensed drug shops	32	33
Unlicensed drug shops	13	23
Private clinics	14	15
Public Health centre II	14	9

For each category of health facility, sampling of the facilities was by random selection. And the selected facilities were again mapped for easy location by the data collectors.

NEXT STEPS

IMMEDIATE FOLLOW-UP ACTIVITIES

- Collection of data from the sampled facilities
- Analysis of collected data and completion of the situation analysis
- Draft of options based on the completed situation analysis
- Large stake holder's meeting to discuss the situation and options analysis and come up with a Uganda ADDO model

Attached are;

- Partial results from the mapping exercise.

- Data collection and entry tools
- Maps showing the sampled facilities