

THE REPUBLIC OF UGANDA

# **MINISTRY OF HEALTH**

# STATISTICAL ABSTRACT

# 2010

MINISTRY OF HEALTH

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## FOREWORD

The Ministry of Health Statistical Abstract of 2009/10 is the 2nd of its kind to be compiled in the Health Sector Strategic Plan II (HSSPII). It is a comprehensive summary of statistics generated from routine Health Management Information System and health surveys in the sector. It gives highlights on morbidity and mortality status, health infrastructure, drug logistics, human resource and financial summaries among others. It is a convenient reference in both print and electronic for statistical volume (http://library.health.go.ug).

The Statistical Abstract is one of the platforms for health statistics dissemination and it enables the health sector formulate strategies for consolidating the achievements and overcoming any bottlenecks to health improvement identified.

The Abstract further aims to arouse interest of all stakeholders in the use of health information generated for policy formulation, planning, monitoring and evaluation.

We are grateful for any valuable comments/contributions about this publication so as to improve future presentations.

HILAH

Dr. Isaac Ezati DIRECTOR HEALTH SERVICES (PLANNING & DEVELOPMENT) MINISTRY OF HEALTH

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The Ministry is equally very grateful for the support, cooperation and collaboration rendered by the Uganda Bureau of Statistics towards the development of the statistical abstract of 2009/10.

# ABBREVIATIONS

ACP	AIDS Control Program						
ALOS	Average Length of Stay						
ANC	Antenatal Care						
ARI	Acute Respiratory Infection						
ART	Anti Retroviral Therapy						
BCG	Bacillus Calmette-Guérin vaccine						
BOR	Bed Occupancy Rate						
C/S	Caesarian Section						
CPR	Contraceptive Prevalence Rate						
СТХ	Cotrimoxazole						
CYP	Couple Years of Protection						
DOT	Directly Observed Treatment						
DPT	Hep+Hib Diphtheria, Pertussis, Tetanus, Hepatitis						
	B+Haemophilus Influenza b						
ENT	Ear Nose and Throat						
FDS	Financial Decentralization Strategy						
FY	Financial Year						
GoU	Government of Uganda						
HC	Health Center						
НСТ	HIV Counseling & Testing						
HIV	Human Immune Virus						
HMIS	Health Management Information System						
HRD	Human Resources Development						
HSDs	Health Sub-Districts						
HSSP	Health Sector Strategic Plan						
IPD	In Patient Department						
IPT	Intermittent Presumptive Treatment						

ITN	Insecticide Treated Net							
JMS	Joint Medical Stores							
KIU	Kampala International University							
LTFP	Long Term Family planning methods							
MoFPED	Ministry of Finance, Planning and Economic							
	Development							
МОН	Ministry of Health							
MTEF	Mid-Term Expenditure Fund							
NHA	National Health Assembly							
NMS	National Medical Stores							
NTLP	National Tuberculosis & Leprosy Program							
OPD	Out Patient Department							
ORS	Oral Dehydration Salt							
PHC	Primary Health Care							
PHC-CG	Primary Health Care-Conditional Grant							
PHP	Private Health Practitioners							
PMTCT	Prevention of Mother to Child Transmission							
PNFP	Private Not for Profit							
STI	Sexual Transmitted Infections							
SUO	Standard Unit of Output							
SWAP	Sector Wide Approaches							
ТВ	Tuberculosis							
ТТ	Tetanus Toxoid							
UBOS	Uganda Bureau of Statistics							
UNMHCP	Uganda National Minimum Health Care Package							
USD	United States Dollar							

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# 1.0 GENERAL INFORMATION

#### **1.1 Demographic Characteristics**

Uganda covers 241,551 square kilometers, of which 197,323 square kilometers is land area. The country is divided into 80 Districts as of FY 2009/10, all of which have a decentralized local governance system. Uganda has one of the highest growth rates in the world standing at a rate of 3.2% per annum, and higher than the Sub-Saharan Africa average of 2.4%.

The proportion of the population living within 5kms of a health facility is currently at 72% in 2010 from 49% in 2000. Access to health care facilities has been limited by poor infrastructure, lack of medicines and other health supplies, shortage of human resources in the public sector, low salaries, lack of accommodation at health facilities and other factors that constrain access to quality service delivery especially in the rural areas where the majority of the population lives.

The Government of Uganda developed a Health Sector Strategic Plan to improve the health care delivery system of which access to health services is a component.

The Population census conducted in 2002 puts the total population of Uganda at 24.7 million persons, while the projected 2010 midyear Ugandan population by UBOS is 31.7 million as showed in figure 1.1 below.

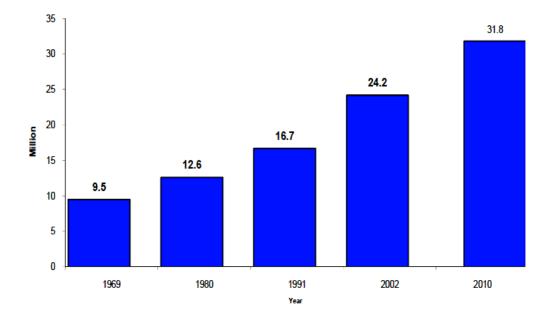


Figure 1.1 Census population, 1969, 1980, 1991 and 2002 and mid- year (2010) projection (in millions)

We notice that Uganda's population has continued to grow over a period of time. It increased from 9.5 million in 1969 to 24.2 million in 2002 at an average annual growth rate of 3.2% between 1991 and 2002. More than half of Uganda's population (51 percent) is females as shown in the Table 1.1 below

	Region							
Target Population	Northern	Eastern	Western	Central	National Total			
Female	3,786,952	4,316,624	4,148,820	4,274,920	16,527,316			
Male	3,495,648	3,984,576	3,829,680	3,946,080	15,255,984			
Children < 1yr	313,153	356,955	343,077	353,503	1,366,688			
Children >5yrs	1,471,084	1,676,841	1,611,656	1,660,642	6,420,223			
Children >15yrs	3,568,474	4,067,588	3,909,465	4,028,290	15,573,817			
Expected Births	353,205	402,612	386,958	398,719	1,541,494			
Expected Pregnancies	364,130	415,060	398,925	411,050	1,589,165			
Expected TB cases	21,849	24,907	23,937	24,663	95,356			
Total	13,374,495	15,245,163	14,652,518	15,097,867	58,370,043			

 Table 1.1: Demographic characteristics and health indicators

# 2.0 HEALTH INPUTS

These are the building blocks and important inputs in the implementation of the Uganda National Minimum Health Care Package (UNMHCP). The delivery of the UNMHCP is largely dependent on Finance, Human resource, Infrastructure, equipment, medicines and other health supplies. The HSSP II objective for the health infrastructure development was to ensure that 85% of the population lies within 5km walking distance to access a well equipped health facility regardless of level of facility.

#### 2.1 Financing in the Health Sector

Financing is one of the six interdependent health system building blocks, the others being the workforce, services, technology, information and governance. The per capita health expenditure in Uganda is estimated at USD 33, of which the public sector contributes 14.4%, development partners 35.6% and household 50% (MOH, NHA 2006 - 2007). More than 9% of the household expenditure is spent on out of pocket health expenses. The per capita requirement for the provision of UNMHCP in all facilities was estimated at USD 41.2 in 2008/09 and is expected to rise to USD 47.9 in the financial year 2011/12 (HSLP Africa limited, 2008). This trend has important implications on service delivery as it implies the need for further priority setting based on the UNMHCP.

#### 2.2 Off budget funding

Development assistance continues to play a major role in financing health services but a bigger proportion of this is off- Budget. This means that there is high expenditure of donor funding for off budget activities. Ministry Of Health has information on general budget support and project support to the Health sector but not off budget support. According to MOFPED 2009 report, in FY 2008/2009, off budget funding constituted USD \$440 million, while the overall health budget stood at US \$628 million.

Ministry of Health has had a difficult time tracking donor off budget support as most donors chose where to direct the off budget support and this support may or may not necessarily be within MOH set priorities. This brings in a challenge for the MOH in tracking how much money the donors give to the health sector. Reports from about 7 HDPs in financial year 2008/09 indicated that about 64.5 Billion Ushs was off budget support to the health sector.

It is also important to note that most of the health financing by HDPs largely goes to the three diseases of; HIV/AIDS, TB, Malaria and Blood Transfusion services. For example 75% of the funding for Uganda Blood Transfusion Services is from donors

Name of Development	Project support	to Health	Project support to Health			
Partner	Sector for FY 20	08/09 in	Sector for FY 2009/10 in			
	Million USD		Million USD			
	On Budget	Off Budget	On Budget	Off Budget		
DANIDA	12.50	5.85	9.92	7.61		
Sweden	1.95	2.16	1.35	2.10		
Germany	2.72	2.43	1.19	3.75		
World Food Programme	9.30	-	-	-		
African Development Bank	20.16	-	15.75	-		
Ireland	0.54	2.60	0.54	3.2		
JAPAN	4.03	-	-	-		
Belgium	-	-	1.76	-		
Italy	-	2.30	2.16	4.46		
European Union	-	2.81		1.54		
UNICEF	1.10		0.88	-		
UNFPA	1.10		0.88	-		
WHO	8.50	-	6.72	-		

Table 2.1: Health sector DP expenditure for 2008/09-2009/10

World Bank (IDA)	-		4.80	-
DFID	0.45	5.05	0.36	6.03
USAID	-	152.9	-	147.99
Austria	-	0.1		-
PEPFAR		255.0		285
Norway		0.58	-	
GAVI	22.00		18.00	
GFATM	89.98		71.99	
Netherlands	1.77			
GRAND TOTAL	176.12	440.25	136.30	463.55

Source; MOFPED Budget speeches financial years 2008/9-2010/11

### 2.3 Challenges in Budgeting

- Resources for curative and preventive medicines are still inadequate.
- Remuneration of health workers is still very low and has not created sufficient motivation to attract qualified health workers to work in hard to reach areas.
- Investments for basic infrastructure have not met the need for quality service provision in the health facilities.
- Growth of essential medicines budget is not in line with the increasing needs for medicines of the population.

PHC Non wage budgetary allocation in the sector is not based on clear rationale (formula) and capital development allocation is based on needs assessment.

Year	GoU Funding	Donor Projects and GHIs	Per capita public health exp (UGX)	Per capita public health exp (US \$))	GoU health expenditure as % of total government expenditure
2000/01	124.23	114.77	10,349	5.9	7.5
2001/02	169.79	144.07	13,128	7.5	8.9
2002/03	195.96	141.96	13,654	7.3	9.4
2003/04	207.80	175.27	14,969	7.7	9.6
2004/05	219.56	146.74	13,843	8.0	9.7
2005/06	229.86	268.38	26,935	14.8	8.9
2006/07	242.63	139.23	13,518	7.8	9.3
2007/08	277.36	141.12	14,275	8.4	9.0
2008/09	375.46	253.00	20,810	10.4	8.3
2009/10*	435.8	301.80	24,423	11.1	9.6

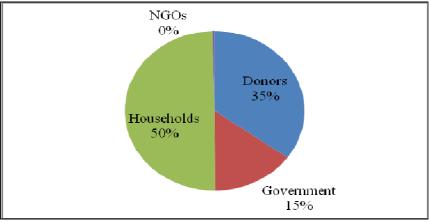
Table 2.2: Health financing trends over HSSPI and HSSPII (2000/01-2009/010) funding (nominal terms)

Source; PER 2006, and AHSPR 2008/9 .Provisional Budget out-turn 2009/10

# 2.4 Health financing Mechanisms

This section provides a review of HSSP I and HSSP II Health financing mechanisms, in line with set objectives.

Figure 2.1: Sources of health financing in Uganda



Source; AHSPR 2008/09

The figure above shows that households constitute a major source of health financing followed by donors and then government. Households spend about 50% of their household consumption expenditure on health although no user fees are paid in lower level government health units.

Recent studies show that:

- 35% of all ACTs are paid for.
- 28% of the households in Uganda are experiencing catastrophic payments with considerable variations by wealth quintile (24.8-29%) and region (23.4% to 38.1%)
- 2.3% were pushed into impoverishment because of medical bills.
- Catastrophic health expenditure actually increased from 8% to 28% between 1996 and 2006, despite the elimination of user fees in 2001.

Private health insurance, which is largely subsidized by employers on behalf of employees, is for a few only. The establishment of the National Health Insurance Scheme as a health financing mechanism, which is in advanced planning stages, will gradually address the above issues

Functionality of health facilities largely depends on adequate staffing levels, financial inputs, availability of equipment and availability of minimum required services.

Functionality of health centre VIs remains a big challenge as districts in rural areas have poor staff attraction and retention abilities which has greatly affected the adequacy of health care service delivery in such areas.

Health Facility		2004		2006		2010			
Level	GOVT	PNFP	PFP	GOVT	PNFP	PFP	GOVT	PNFP	PFP
Hospital	55	42	4	59	46	8	65	57	9
Health centre IV	151	12	2	148	12	1	165	12	1
Health centre III	718	164	22	762	186	7	847	243	26
Health centre II	1055	388	830	1332	415	261	1578	489	958
Total	1979	606	858	2301	659	277	2655	801	994

 
 Table 2.3: Distribution of functional Health Units by Health Facility Level and Ownership

Source: Ministry Health, Infrastructure Division, 2004, 2006 and 2010

The total number of health facilities in Uganda in 2010 is 11,130 of which Government of Uganda owns 62.3%, the private sector owns 19.2 % while the PNFPs own 18.4%. According to HSSP I, the number of health facilities by level were; 746 HC IIs, 679 HC IIIs, 127 HC IVs, 87 general hospitals, 10 RRHs and 2 NRHs.

The households that were living within 5 kilometers from a health facility by the beginning of HSSP I were only 49%. But by 2004/05 this had increased to 72% which demonstrated that a lot of health facilities were constructed during the implementation of HSSP I. The proportion of the population living within 5 kilometers of a health facility is however still at 72%.

Because of the limited resource envelope with which the health sector operates, a minimum package of health services has been developed for all levels of health care for both the private and the public sector, and health services provision is based on this package.

Type of facility	Indicator				
	Health Facility Population Ratio standard	Current Situation			
National Referral Hospital	1: 10,000,000	1: 30,000,000			
Regional Referral Hospital	1: 3,000,000	1: 2,307,692			
General Hospital	1: 500,000	1: 263,157			
Health Centre IV	1: 100,000	1: 187,500			
Health Centre III	1: 20,000	1: 84,507			
Health Centre II	1: 5,000	1:14,940			
VHT	1: 1,000 or 1 per 25 HH's				

 Table 2.4: National Health Facility Availability Standards and 2009 situation

#### 2.5 National Referral hospitals

There are two National Referral Hospitals; Butabika hospital which was established in 1955 and the only mental health hospital in the country; and Mulago hospital which is the biggest National Referral Hospital. These national referral hospitals provide comprehensive specialized services, teaching services and health research.

#### 2.6 General Hospitals and HC IVs

General hospitals provide a large output for outpatient and inpatient services and also provide support supervision to lower level health facilities and maintain linkages with communities through Community Health Departments (CHDs). They however, face serious resource constraints (financial, human, poor infrastructure etc) which contribute significantly to the reduction in the standards of quality output in these health facilities.

Currently, there are 2 NRHs, 12 RRHs and 135 general hospitals, 56 PNFP and 9 PHP hospitals. With decentralization, the public general hospitals are managed by the district local governments, while the RRHs, even though have been granted self accounting status, are still managed by the MOH Headquarters. All health facilities currently provide for more people than they are supposed to.

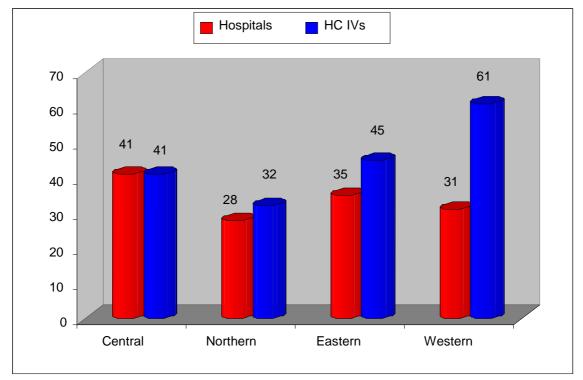


Figure 2.2: Distribution of general hospitals and HC IVs by region for the 2010

Source : Ministry of Health Infrastructure division, 2010

# 2.7 Regional Referral hospitals

These hospitals provide specialist services such as psychiatric, ear, nose and throat (ENT), radiology, pathology, ophthalmology, high level surgical, pediatrics, Obstetrics and gynecology and medical services in addition to services offered at the general hospitals.

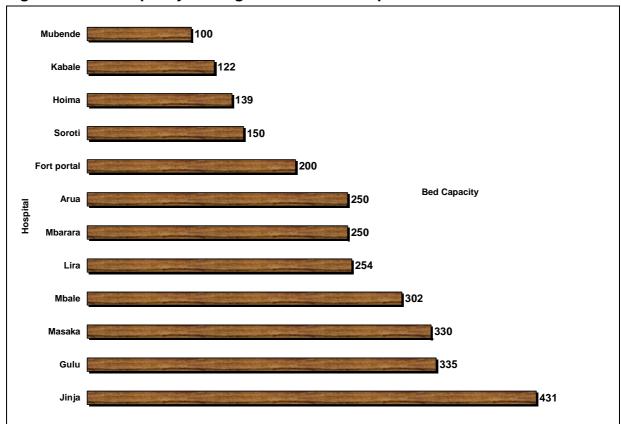


Figure 2.3: Bed capacity for Regional Referral Hospitals

# 2.8 Hospital Performance FY 2009/10

# Table 2.5: Key Outputs from Regional Hospitals FY 2009/10

Hospital	Beds	Admissions	Major	Deaths	Total	New	ANC	C/S	Total	DPT3	IPT 2	Blood
Name		(	Operations		OPD	ANC	4th		Deliveries			Transfusions
							Visit					
Arua	302	14,596	2,001	794	82,082	7,309	3,859	900	4,885	3,463	2,748	1,365
Soroti	294	21,955	2,567	687	90,915	4,202	1,143	765	4,368	2,963	2,375	4,407
Lira	260	15,266	903	726	88,516	5,928	958	397	4,315	2,961	2,624	2,329
Gulu	359	18,755	843	421	125,423	5,661	564	261	3,874	2,648	2,870	911
Jinja	406	25,046	990	1,168	90,707	6,618	6,229	938	4,986	1,189	3,396	1,707
Kabale	280	10,781	2,339	386	49,493	4,867	4,051	604	3,312	747	3,240	728
Hoima	260	16,416	1,883	751	98,786	4,395	888	996	3,685	1,265	2,270	3,233
Fort Portal	351	22,655	1,631	794	248,822	1,674	973	952	4,380	1,272	1,324	4,057
Mbale	460	60,152	2,678	1,143	97,947	6,199	2,659	1,392	7,036	806	2,343	9,353
Mbarara	330	21,230	3,232	1,237	180,450	4,610	1,636	2,109	7,459	1,111	425	8,853

Source: Ministry of Health-Resource Centre (Annual Reports 2009/10)

# 3.0 HEALTH OUTPUTS

This section presents a summary of some of the key health outputs including the district League Table and the HSSP II indicators. These indicators are used to measure the national and district performance in management and health service delivery.

#### 3.1 Key Health Indicators for FY 2009/10

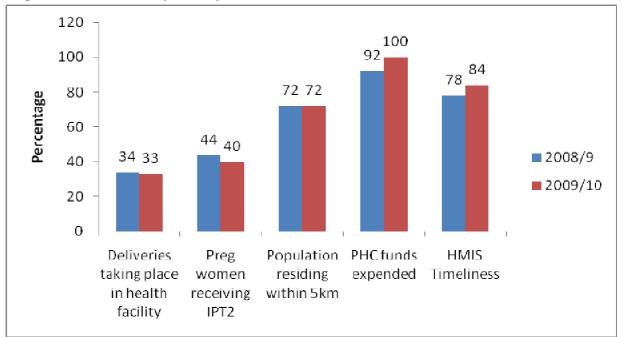


Figure 3.1: Summary of Key Health indicators for FY 2008/9, 2009/10

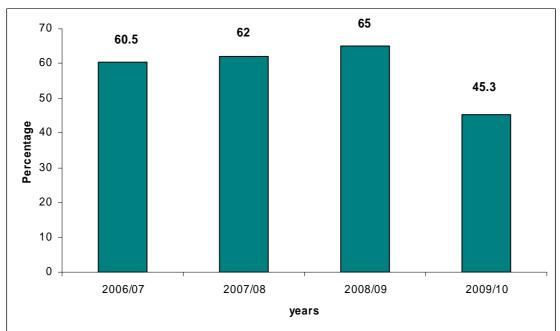
#### 3.2 The League table

The District League table compares sector performance between districts using management and service delivery output indicators. The management indicators show the use of the PHC-CG, expenditure on key inputs, proportion of the fiscal decentralization strategy allocated to the health sector and the management of health data.

The National level league table performance average improved steadily in the

last three years with a decline in 2009/10 as shown in figure 3.2 below.

Figure 3.2: Trends in the League table general performance in the financial years 2006/07, 2007/08, 2008/09 and 2009/10



Source: Ministry of Health-Resource Center

# 3.3 Timeliness and Completeness of HMIS reporting

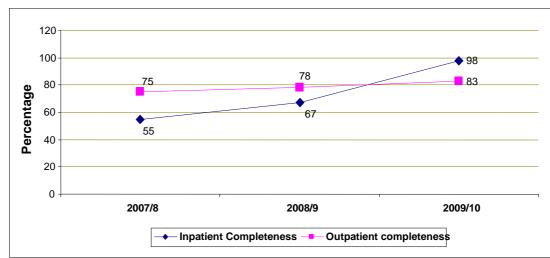
This shows the district submission status of the outpatient and inpatient monthly reports to the Resource Centre where T represents a timely report (report received by the 28th of the next month), L for a late report (report received after the 28th of the next month) and N for no report from a particular district for the month.

In FY 2009/10, the timely reporting for outpatient increased from 78% to 83%. This could have been contributed to by a number of factors like increased HMIS feedback to the districts, HMIS regional feedback meetings organized by the Resource Centre Division, increased HMIS support

supervision from National to district and health facility level plus efforts by various Development Partners at district level to provide HMIS reporting tools and support through various ways.

On the other hand, timeliness of inpatient reporting for the same period was 93%. This shows an increase from 55% in 2007/08. The completeness indicator also increased from 67 % ( 2008/09) to 98% (2009/10). It should be noted that timelines and completeness for outpatient was higher than that for inpatient reporting.

Figure 3.3: Timeliness and Completeness in reporting of Inpatient and outpatient reports 2007/8, 2008/9, 2009/10



Source: Ministry of Health-Resource Center

#### 3.4 Outpatient Diagnosis Indicators

The summary of outpatient indicators for FY 2009/10 is shown in table 3.1 below.

Government and PNFP OPD utilization per person per year (OPD Per Capita) is among the HSSPII major indicators. It measures utilization of health services in both government and PNFP health facilities and is used as the national proxy for access to health care services.

It is expected that each individual should visit a health unit at least once in a year. During FY 2009/10, this indicator stood at 0.9, while it was 0.8 in the previous financial year. Much as we notice an improvement, it is still below the HSSP II target of 1.0.

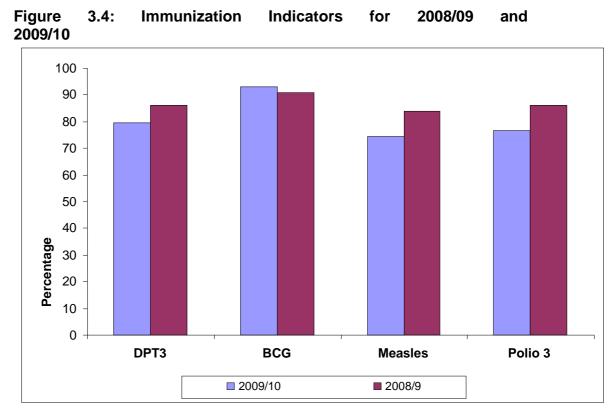
#### **Table 3.1: Outpatient Indicators**

Indicator	FY 2008/09	FY 2009/10
Health Facilities reporting	91%	92%
OPD utilization (OPD Per Capita)	0.8	0.9
Proportion OPD new attendances	82.6%	87%
Proportion OPD re-attendances	17.4%	49%

Source: Ministry of Health-Resource Centre

## 3.5 Immunization Indicators

From the figure below, the national performance of DPT-HepB+Hib3 which is a proxy measure for overall immunization performance for the FY 2009/10 was 79.8% which is still below the HSSP II target of 95%.



Source: Ministry of Health-Resource Center

# 3.7 Laboratory indicators for FY 2009/10

Figure 3.5 below shows the proportion of Malaria OPD cases tested, proportion of malaria slides tested positive by all ages and the TB Positivity rates in 2009/10. Among the OPD tested for malaria, 41% were positive and 38% tested positive for TB implying that malaria cases were still higher.

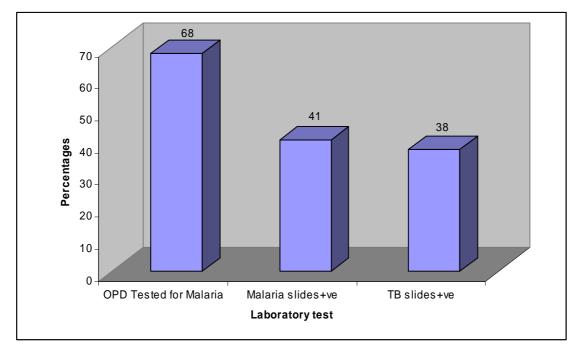


Figure 3.5: Proportion of laboratory test for Malaria and TB 2009/10

Source: Ministry of Health-Resource Centre

#### 3.8 HIV/AIDS INDICATORS FY 2009/10

#### 3.8.1 PMTCT INDICATORS FY 2009/10

The prevention of mother to child infection indicator measures the proportion of births taking place in health facilities that are protected from acquiring HIV/AIDS infection during birth.

The number of pregnant women who were tested for HIV was 259,070 in 2009/10 compared to 156,054 in 2008/09, while the number of pregnant women who tested positive was 89,566 in 2009/10. This indicates a decrease compared to 2008/9 which was 59,871.

In addition, pregnant women who were positive and getting ARVs out of those tested positive was 4,789(5.3%) in 2009/10, while in 2008/09 was 2,786(4.7%). The statistics indicate an increase compared to the previous

year. The number of pregnant women given ARVs treatment was 19,805. This shows an increase in 2010 compared to 2008/09 where the number was 12,300 persons.

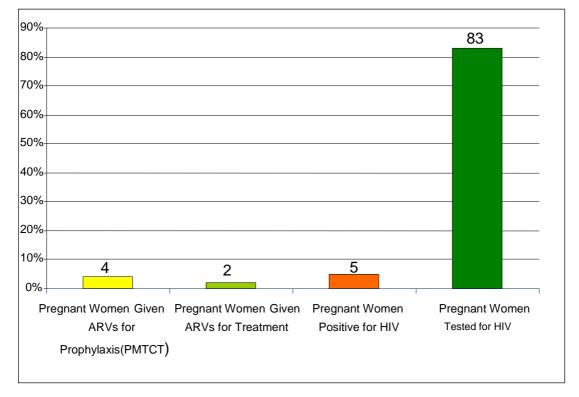


Figure 3.6: Proportion PMTCT services Utilization in Uganda (n=1167234)

Source: Ministry of Health-Resource Centre

# 3.8.2 ART SERVICES INDICATORS FY 2009/10

The Anti Retroviral Therapy drugs are given to Eligible HIV/AIDS positive patients from selected health facilities.

The proportion of clients started on ART was 42% in 2010, while the proportion of people eligible for ART was 58%. This indicates that not all HIV/AIDS clients Eligible actually receive ART.

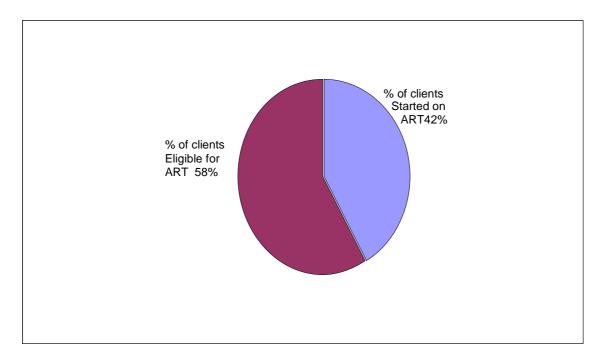


Figure 3.7: Proportion of population who tested for HIV/AIDS and are Eligible for ART and those started on ART.

Source: Ministry of Health-Resource Centre

### 3.8.3 HCT SERVICES INDICATORS FY 2009/10

HIV Counseling and Testing services are essential for the Health sector and stake holders to know the HIV status among the population in Uganda.

The HCT services indicators include: HIV counseling, HIV testing (from the laboratory), received results (from laboratory), Number receiving results, Number tested positive (from laboratory), HIV confirmed cases with confirmed TB and HIV cases started on CTX (Contrimoxazole) prophylaxis.

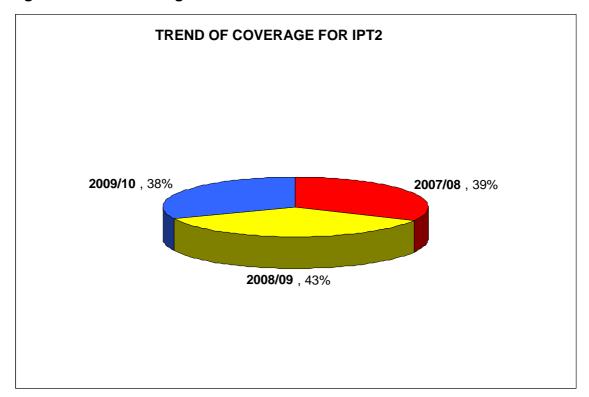
Information on HCT coverage is collected by the AIDS control program (ACP) but also through routine HMIS reports from health facilities.

Indicator	2008/09	2009/10
Proportion of Clients tested for HIV/AIDS out	99%	106%
of those counseled		
Proportion of Clients who tested for HIV/AIDS	98%	92%
and received results from the laboratory		
Proportion of Clients who tested positive for	11%	9%
HIV/AIDS out of the total number that were		
tested from the laboratory		
Proportion of clients aged less than 5yrs who	12%	10%
tested HIV+ out of the total clients aged less		
than 5yrs who tested for HIV from the		
laboratory		
Proportion of clients aged 5 - 18yrs who	7%	3%
tested HIV+ out the total clients aged 5 -		
18yrs who tested for HIV in the laboratory		
Proportion of clients aged above 18yrs who	12%	10%
tested HIV+ compared to the total clients aged		
above 18yrs who tested from the laboratory		
Proportion of Clients who tested positive for	11%	11%
HIV/AIDS with confirmed TB out of the total		
number that tested positive for HIV/AIDS from		
the laboratory		
Proportion of Clients who tested positive for	100%	114%
HIV/AIDS and were started on Cotrimoxazole		
out of the total number that tested HIV/AIDS		
positive from the laboratory		

# Table 3.2: Comparison of HIV/AIDS indicators for two FYs

## 3.8.4 Maternal Health and Family Planning Indicators FY 2009/10.

The proportion of pregnant women who received the second dose of Fansider (IPT2) was 38% in 2009/10, while in 2008/09 was 43% and 2007/08 was 39%. There has been a decline in the number of pregnant women who received IPT2 in 2009/10 implying that actually fewer pregnant women have accessed the second dose of fansider.



### Figure 3.8: IPT Coverage

Source: Ministry of Health-Resource Centre

# 3.8.5 Family planning users for FY 2009/2010

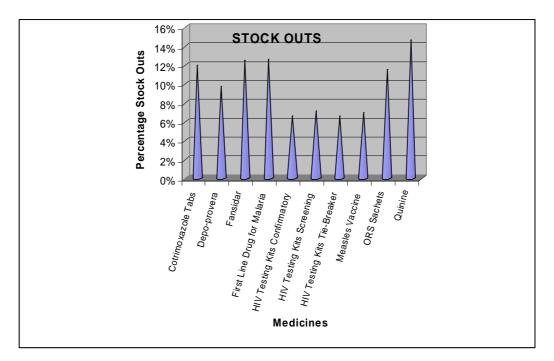
Family planning allows individuals and couples to anticipate and attain their desired number of children and spacing, and timing of their birth. It is achieved through use of contraceptive methods. The number of "New users" was more than the "Revisits" indicating that more people have started using contraceptives.

	New	
	users	Revisits
Condom	400,415	279,986
Injectable	276,672	257,580
IDU(Copper)	17,536	6,383
Natural	13,111	10,070
Lo- femenal	70,368	53,534
Microgynon	49,707	43,735
Oral Other	7,406	5,324
Ovrette	16,875	11,429
Other methods	36,752	27,281

#### Table 3.3: Family planning users for FY 2009/2010

#### 3.8.5 Stock out of Essential Drugs in FY 2009/10

A stock out of a given drug implies that a health facility didn't have that particular drug at some point in time during the FY. Figure 3.9 below presents data on stock outs of essential drugs with Quinine having a high rate of 15% stock out followed by Fansider at 13% and the First line drugs for malaria at 13%



#### Figure 3.9: Stock Out of Essential drugs

Source: Ministry of Health-Resource Centre

Figure 3.9 above shows data on stock outs of essential drugs namely; first and second line drugs for malaria, ORS, measles vaccines and HIV test kits among others.

#### 3.8.6 Causes of Morbidity for FY 2009/10

This section presents an analysis of the causes of morbidity from the out patient records. The statistics indicate that Malaria has been the highest cause of morbidity in Uganda for this period of the last two years. No Pneumonia-Cough or Cold was the second.

Ranking	Diagnosis Name:	Cases	Percent
1	Malaria	13,088,998	48%
2	No-Pneumonia cough or cold	6,553,988	24%
3	Intestinal worms	1,772,399	7%
4	Diarrhea Acute	992,161	4%
5	Skin Diseases	1,021,218	4%
6	Sexually Transmitted Infections	766,941	3%
7	Gastro-Intestinal Disorder	773,719	3%
8	8 Pneumonia		3%
9	Urinary Tract Infection	647,679	2%
10	Eye Conditions	662,388	2%

Table 3.4: Ten causes of Morbidity in Uganda 2009/10.

Source: Ministry of Health-Resource Centre

### 3.8.7 Diseases of Epidemic Potential for FY 2009/10

The diseases of epidemic potential are surveyed on weekly basis. The table below indicates cases that were surveyed in 2009/10. It is observed that

more cases of Dysentery were reported in 2009/10 as compared to 2008/9. In addition more cases of Rabies were also reported. Other Emerging Infectious increased drastically compared to 2008/09 and these include among others smallpox, tuberculosis and scabies. Other Viral Haemorrhagic fevers decreased in 2009/10 compared to 2008/09 and these included Ebola and Marburg among others.

	Reported	Reported cases
Diagnosis Name:	cases 2008/09	2009/10
Acute Flaccid Paralysis	144	315
Cholera	909	1,747
Dysentery	61,606	101,578
Guinea Worm	0	78
Measles	1,476	1,231
Meningitis (Meningococcal)	272	326
Plague	0	44
Rabies	123	202
Tetanus Neonatal (0-28 days)	101	146
Yellow Fever	0	33
Other Emerging Infectious Diseases	451	20,427
Other Viral Haemorrhagic Fevers	18,610	529

## Table 3.5: Summary of diseases of Epidemic potential

Source: Ministry of Health-Resource Centre

# 4.0 HUMAN RESOURCES FOR HEALTH

Human Resources for Health are essential for the effective operation of the health systems and an important input in the attainment of HSSP II objectives.

The level of staffing is still low and the regional distribution remains inequitable. This is specifically seen in areas that are poorly resourced in terms of social infrastructure and amenities.

Other limitations that have greatly curtailed HRH are;

- Limited funding for recruitment; lengthy recruitment processes and delays in handling the recruitment process at district level.
- Low training outputs and high attrition rates: The outputs from the training institutions do not match service requirements
- Poor retention which is accelerated by poor motivational factors, like poor work environment and remuneration.

Human Resources for Health (HRHs) remain in short supply, both in numbers and in skills mix, to effectively respond to the health needs in Uganda. The HIV/AIDS epidemic has also increased demand on HRHs because of the special skills required for HIV/AIDS prevention and treatment.

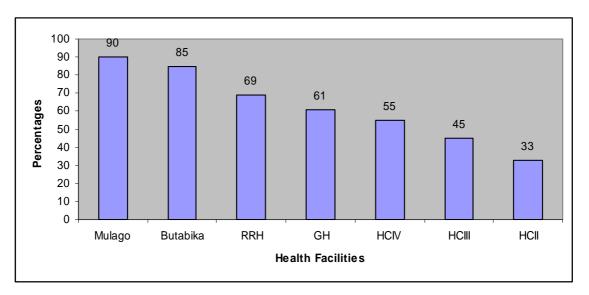


Figure 4.1: Posts filled at different levels in public health facilities (MoH, 2009)

Source: Ministry of Health-Resource Centre (Annual Reports 2009/10)

The figure above shows the proportion of filled posts at different levels of health care (From HC II right to NRHs). The majority of the vacancies in the public health sector are at HC II level at 67% which are predominantly located in rural communities.

From November 2008 to-date, only 51% of the approved positions at National level are filled yet still for all levels of health care and all cadres, the HRH situation is critical.

Critical cadres for instance medical officers, clinical officers are still thin on ground for example in Hoima and Kabale Regional Referral hospitals with 5 and 6 medical officers respectively. There is however a marked improvement in some cadres like the nurses.

In order to improve HRH capacity, efforts should be put in place to ensure optimal recruitment of health workers to fill critical vacancies in the sector and provision of the necessary incentives to have them stay at their work stations to provide the necessary services to the population they serve.

## APPENCIDES

District/ Region	Male	Female		Expected Pregnancies	Expected Births	Children > 5yrs	Expected TB cases	Children >15yrs
Northern								
Abim	26496	28704	2374	2760	2677	11150	166	27048
Adjumani	159168	172432	14259	16580	16083	66983	995	162484
Amolatar	57792	62608	5177	6020	5839	24321	361	58996
Amuria	165216	178984	14801	17210	16694	69528	1033	168658
Amuru	105792	114608	9477	11020	10689	44521	661	107996
Gulu	179856	194844	16112	18735	18173	75689	1124	183603
Apac	260736	282464	23358	27160	26345	109726	1630	266168
Arua	252672	273728	22635	26320	25530	106333	1579	257936
Dokolo	82080	88920	7353	8550	8294	34542	513	83790
Koboko	100608	108992	9013	10480	10166	42339	629	102704
Kotido	98208	106392	8798	10230	9923	41329	614	100254
Kitgum	185808	201292	16645	19355	18774	78194	1161	189679
Moroto	142944	154856	12805	14890	14443	60156	893	145922
Моуо	170064	184236	15235	17715	17184	71569	1063	173607
Lira	321552	348348	28806	33495	32490	135320	2010	328251
Nyadri	186336	201864	16693	19410	18828	78416	1165	190218
Oyam	169776	183924	15209	17685	17154	71447	1061	173313
Pader	231264	250536	20717	24090	23367	97324	1445	236082
Yumbe	223872	242528	20055	23320	22620	94213	1399	228536
Nebbi	257856	279344	23100	26860	26054	108514	1612	263228
Nakapiripirit	117552	127348	10531	12245	11878	49470	735	120001

APPENDIX I: Distribution of Target population by Districts, 2009/10

EASTERN								
Budaka	81216	87984	7276	8460	8206	34178	508	82908
Bududa	80160	86840	7181	8350	8100	33734	500	81830
Bugiri	287520	311480	25757	29950	29052	120998	1797	293510
Bukedea	82080	88920	7353	8550	8294	34542	513	83790
Bukwo	32400	35100	2903	3375	3274	13635	203	33075
Busia	134928	146172	12087	14055	13633	56782	843	137739
Butaleja	98976	107224	8867	10310	10001	41652	619	101038
Iganga	340512	368888	30504	35470	34406	143299	2128	347606
Jinja	228288	247312	20451	23780	23067	96071	1427	233044
Kaliro	97056	105144	8695	10110	9807	40844	607	99078
Kamuli	344016	372684	30818	35835	34760	144773	2150	351183
Kaberamaido	87840	95160	7869	9150	8876	36966	549	89670
Katakwi	78240	84760	7009	8150	7906	32926	489	79870
Kumi	181392	196508	16250	18895	18328	76336	1134	185171
Mayuge	206064	223236	18460	21465	20821	86719	1288	210357
Mbale	199968	216632	17914	20830	20205	84153	1250	204134
Manafwa	164640	178360	14749	17150	16636	69286	1029	168070
Sironko	166272	180128	14895	17320	16800	69973	1039	169736
Soroti	266352	288548	23861	27745	26913	112090	1665	271901
Tororo	222528	241072	19935	23180	22485	93647	1391	227164
Nanutumba	99456	107744	8910	10360	10049	41854	622	101528
Pallisa	243312	263588	21797	25345	24585	102394	1521	248381
Kaabong	165744	179556	14848	17265	16747	69751	1036	169197
Kapchorwa	95616	103584	8566	9960	9661	40238	598	97608

WESTERN								
Bullisa	36912	39988	3307	3845	3730	15534	231	37681
Bundibugyo	150000	162500	13438	15625	15156	63125	938	153125
Bushenyi	412128	446472	36920	42930	41642	173437	2576	420714
Hoima	239568	259532	21461	24955	24206	100818	1497	244559
Ibanda	116544	126256	10440	12140	11776	49046	728	118972
Isingiro	190416	206284	17058	19835	19240	80133	1190	194383
Kabale	235200	254800	21070	24500	23765	98980	1470	240100
Kabarole	193536	209664	17338	20160	19555	81446	1210	197568
Kibaale	294384	318916	26372	30665	29745	123887	1840	300517
Kamwenge	152160	164840	13631	15850	15375	64034	951	155330
Kanungu	116064	125736	10397	12090	11727	48844	725	118482
Kasese	333840	361660	29907	34775	33732	140491	2087	340795
Kiruhura	134496	145704	12049	14010	13590	56600	841	137298
Kisoro	118704	128596	10634	12365	11994	49955	742	121177
Kyenjojo	242256	262444	21702	25235	24478	101949	1514	247303
Masindi	289008	313092	25890	30105	29202	121624	1806	295029
Mbarara	205056	222144	18370	21360	20719	86294	1282	209328
Ntungamo	219840	238160	19694	22900	22213	92516	1374	224420
Rukungiri	149568	162032	13399	15580	15113	62943	935	152684

CENTRAL								
Kalangala	27888	30212	2498	2905	2818	11736	174	28469
Kampala	766944	830856	68705	79890	77493	322756	4793	782922
Kayunga	165408	179192	14818	17230	16713	69609	1034	168854
Kiboga	153408	166192	13743	15980	15501	64559	959	156604
Luwero	200640	217360	17974	20900	20273	84436	1254	204820
Lyantonde	37008	40092	3315	3855	3739	15574	231	37779
Masaka	400176	433524	35849	41685	40434	168407	2501	408513
Mityana	144864	156936	12977	15090	14637	60964	905	147882
Mpigi	218304	236496	19556	22740	22058	91870	1364	222852
Mubende	271968	294632	24364	28330	27480	114453	1700	277634
Mukono	471168	510432	42209	49080	47608	198283	2945	480984
Nakaseke	85728	92872	7680	8930	8662	36077	536	87514
Nakasongol a	72000	78000	6450	7500	7275	30300	450	73500
Rakai	224112	242788	20077	23345	22645	94314	1401	228781
Ssembabule	101232	109668	9069	10545	10229	42602	633	103341
Wakiso	605232	655668	54219	63045	61154	254702	3783	617841
National total Source: Mini	15,255,98 4 istry of Hea	16,527,3 16 alth-Resou	1,366, 682 I <b>rce Cen</b>	1,589,16 5 <b>tre</b>	1,541,490	6,420,227	95350	15,573,817

Districts	Cotrimoxazo le Tabs	Depo- Provera	Fansidar	First Line Drug for Malaria	HIV Testing Kits Confirmator Y	HIV Testing Kits Screening	HIV Testing Kits Tie- Breaker	Measles Vaccine	ORS Sachets	Quinine
ABIM	48	17	34	78	, 5	10	5	22	19	88
ADJUMANI	49	59	49	0	0	0	0	35	19	71
AMOLATAR	9	1	3	13	4	4	5	1	1	6
AMURIA	98	84	92	104	48	74	39	89	94	104
AMURU	13	13	10	24	7	6	9	9	13	26
APAC	56	14	60	53	4	8	2	10	11	95
ARUA	188	102	112	151	27	30	31	89	127	184
BUDAKA	32	44	28	35	18	19	18	19	33	42
BUDUDA	0	5	0	0	0	0	0	0	0	0
BUGIRI	105	105	105	105	105	105	105	105	105	105
BUKEDEA	23	13	15	29	11	29	11	17	13	23
BUKWO	58	16	48	34	0	1	0	14	63	72
BULIISA	0	0	0	0	0	0	0	0	0	0
BULISA	30	10	16	26	6	7	9	12	22	26
BUNDIBUGYO	147	73	159	111	71	81	65	56	159	183
BUSHENYI	295	319	305	358	136	156	135	80	268	398
BUSIA	36	42	57	57	16	26	16	17	24	49
BUTALEJA	96	52	99	97	0	0	0	20	65	124
DOKOLO	42	39	14	52	27	35	39	6	12	64
GULU	366	339	370	358	347	341	345	329	369	360
HOIMA	114	113	112	123	42	50	39	92	89	204
IBANDA	68	27	131	185	34	53	13	0	48	194
IGANGA	156	126	154	151	66	71	67	81	95	164
ISINGIRO	155	150	151	150	160	148	111	148	148	153

## APPENDIX II: Number of Health Units in a District that had a Stock out of medicines 2009/2010

Districts	Cotrimoxazo le Tabs	Depo- Provera	Fansidar	First Line Drug for Malaria	HIV Testing Kits Confirmator Y	HIV Testing Kits Screening	HIV Testing Kits Tie- Breaker	Measles Vaccine	ORS Sachets	Quinine
JINJA	63	36	48	32	20	23	22	16	59	44
KAABONG	274	288	289	272	258	258	257	268	271	273
KABALE	164	172	174	164	164	164	164	165	168	166
KABAROLE	256	241	231	241	210	212	212	207	225	262
KABERAMAIDO	16	19	35	26	7	11	11	7	11	34
KALANGALA	15	29	6	8	13	12	12	10	8	19
KALIRO	0	0	0	0	0	0	0	0	0	0
KAMPALA	0	0	1	0	0	0	0	0	0	0
KAMULI	127	143	152	196	59	62	68	55	120	162
KAMWENGE	78	86	82	99	45	42	50	37	41	148
KANUNGU	0	0	0	8	0	0	0	0	0	0
KAPCHORWA	93	46	113	69	5	6	5	20	21	119
KASESE	1	0	0	0	0	0	0	0	1	1
KATAKWI	39	39	43	91	41	41	38	10	12	87
KAYUNGA	23	58	31	28	9	10	9	11	33	32
KIBAALE	192	94	242	170	59	66	61	89	175	258
KIBOGA	62	93	92	64	41	52	47	32	36	113
KIRUHURA	85	83	302	145	56	65	72	5	67	195
KISORO	101	101	101	101	101	101	101	101	101	101
KITGUM	0	0	0	0	0	0	0	0	0	0
КОВОКО	44	4	40	61	15	20	15	1	49	67
KOTIDO	57	23	29	84	10	14	10	4	22	82
KUMI	74	131	71	27	25	37	36	3	56	81
KYENJOJO	67	34	61	9	15	25	19	7	32	73
LIRA	65	66	87	117	77	87	76	18	16	122
LUWERO	63	12	38	70	0	2	0	21	41	71

Districts	Cotrimoxazo le Tabs	Depo- Provera	Fansidar	First Line Drug for Malaria	HIV Testing Kits Confirmator Y	HIV Testing Kits Screening	HIV Testing Kits Tie- Breaker	Measles Vaccine	ORS Sachets	Quinine
LYANTONDE	2	0	0	0	1	0	1	0	1	1
MANAFWA	95	3	63	68	0	0	0	0	0	63
MASAKA	33	53	72	55	39	45	42	16	58	62
MASINDI	159	126	163	172	54	111	53	137	184	213
MAYUGE	82	43	70	141	16	20	13	16	94	108
MBALE	156	147	152	152	135	150	133	129	145	176
MBARARA	266	265	266	271	263	264	263	263	264	269
MITYANA	10	0	10	25	0	0	0	0	0	15
MOROTO	1	0	0	11	0	1	0	0	4	3
ΜΟΥΟ	10	4	6	0	0	0	0	5	4	7
MPIGI	96	78	133	114	24	24	23	48	93	139
MUBENDE	91	62	88	89	27	28	26	44	73	134
MUKONO	2	1	15	7	0	0	0	3	17	9
NAKAPIRIPIRIT	185	188	183	185	183	183	179	168	168	185
NAKASEKE	47	35	42	61	46	48	52	34	29	49
NAKASONGOLA	125	141	113	42	5	5	4	12	100	144
NAMUTUMBA	58	0	152	58	0	0	0	33	30	30
NEBBI	38	24	16	30	1	1	1	4	25	41
NTUNGAMO	4	7	11	14	1	3	1	1	1	13
NYADRI	28	35	40	78	9	7	10	35	26	56
OYAM	8	2	0	6	3	2	2	1	0	3
PADER	98	23	62	119	0	5	0	33	57	153
PALLISA	79	51	74	78	39	35	21	34	44	98
RAKAI	1	1	5	3	2	2	2	11	3	4
RUKUNGIRI	42	36	36	36	36	36	36	36	36	40
SIRONKO	127	146	156	123	126	130	128	101	112	152

Districts	Cotrimoxazo le Tabs	Depo- Provera	Fansidar	First Line Drug for Malaria	HIV Testing Kits Confirmator Y	HIV Testing Kits Screening	HIV Testing Kits Tie- Breaker	Measles Vaccine	ORS Sachets	Quinine
SOROTI	151	127	149	162	115	118	117	122	125	177
SSEMBABULE	82	53	122	114	16	26	23	11	80	149
TORORO	233	48	220	218	15	20	15	43	178	225
WAKISO	396	325	391	373	280	281	285	305	1253	432
YUMBE	29	7	8	58	3	2	6	2	34	52
Grand Total	6877	5592	7210	7239	3803	4111	3785	3985	6600	8447

Ranking	District	Population	No. of HSDs	Total No. of Health Units		Score submitted timely	%	Score 5 Score 6 Score 7 Score		Score Core Score S	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Score 5. Pit Latrine Coverage	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Score 6 facilities		Score C cases notified compared to expected	-	% Pregnant women receiving 2nd Score G dose Fansidar for IPT		Score B drugs(at NMS and JMS)**	%	Score creating alsourced mattare expended		Score G FDS Flexibility Gain	%	Score B HIV/AIDS Service Availability*	001 Total Score	Ranking
1	KAMPALA	1597800	5	200	100%	5	100%	12.5	1.2	12.5	94.0	7	111%	12.5	169%	10	96%	10	78	8	100%	5	50%	2.5	66	6.6	91.0	1
2	MITYANA	301800	3	52	100%	5	92%	11.4	1.3	12.5	85.0	6	46%	5.8	78%	8	52%	5	92	9	100%	5	50%	2.5	76	7.6	78.4	2
3	TORORO	463600	4	57	100%	5	92%	11.5	1.2	12.5	82.0	6	29%	3.7	62%	6	67%	7	97	10	100%	5	50%	2.5	59	5.9	74.8	3
4	JINJA	475600	5	67	92%	5	63%	7.9	1.0	12.5	84.0	6	46%	5.7	74%	7	57%	6	87	9	100%	5	50%	2.5	78	7.8	74.1	4
4	KABAROLE	403200	3	53	67%	3	81%	10.1	1.1	12.5	88.0	7	43%	5.3	83%	8	44%	4	80	8	100%	5	50%	2.5	79	7.9	74.1	4
6	ABIM	55200	1	18	83%	4	191%	12.5	2.4	12.5	38.0	3	56%	7.0	135%	10	56%	6	39	4	100%	5	50%	2.5	75	7.5	73.5	6
7	RUKUNGIRI	311600	4	65	75%	4	86%	10.8	1.9	12.5	97.4	7	53%	6.7	59%	6	45%	5	93	9	100%	5	50%	2.5	50	5.0	73.3	7
8	MBALE	416600	3	40	92%	5	94%	11.8	0.9	11.0	65.0	5	39%	4.8	106%	10	45%	4	85	8	100%	5	50%	2.5	56	5.6	73.0	8
9	MPIGI	454800	4	64	75%	4	95%	11.9	1.0	12.5	58.6	4	41%	5.2	67%	7	35%	3	93	9	100%	5	50%	2.5	79	7.9	72.6	9
10	DOKOLO	171000	1	13	100%	5	89%	11.1	0.9	11.0	56.0	4	24%	3.0	68%	7	82%	8	65	6	100%	5	50%	2.5	90	9.0	72.3	10
10	GULU	374700	3	51	92%	5	89%	11.1	1.7	12.5	37.1	3	50%	6.2	159%	10	37%	4	69	7	100%	5	50%	2.5	70	7.0	72.3	10
12	AMOLATAR	120400	1	10	92%	5	117%	12.5	0.8	10.1	62.6	5	25%	3.1	79%	8	46%	5	83	8	100%	5	50%	2.5	90	9.0	72.2	12
13	MUKONO	981600	7	77	100%	5	65%	8.1	0.9	11.4	85.0	6	38%	4.8	48%	5	60%	6	94	9	100%	5	50%	2.5	87	8.7	72.0	13
14	KANUNGU	241800	2	46	100%	5	83%	10.4	1.1	12.5	90.1	7	34%	4.2	50%	5	51%	5	89	9	100%	5	50%	2.5	64	6.4	71.9	14
15	MASAKA	833700	9	80	92%	5	89%	11.1	0.8	10.4	95.1	7	27%	3.4	69%	7	31%	3	88	9	100%	5	50%	2.5	75	7.5	70.3	15
16	RAKAI	466900	3	92	92%	5	65%	8.1	1.0	12.2	84.4	6	29%	3.6	65%	7	37%	4	95	9	100%	5	50%	2.5	83	8.3	70.2	16

## APPENDIX III: District league Table 2009/10

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17	MBARARA	427200	3	53	67%	3	50%	6.2	0.9	11.4	92.3	7	36%	4.5	93%	9	36%	4	97	10	100%	5	50%	2.5	76	7.6	70.0	17
18	LYANTONDE	77100	1	19	58%	3	78%	9.7	2.4	12.5	85.0	6	65%	8.2	132%	10	52%	5	0	0	100%	5	50%	2.5	71	7.1	69.6	18
18	LIRA	669900	5	43	100%	5	71%	8.9	0.8	10.1	72.0	5	28%	3.5	85%	9	53%	5	66	7	100%	5	50%	2.5	87	8.7	69.6	18
20	OYAM	353700	2	17	100%	5	94%	11.8	0.5	6.6	68.6	5	32%	4.0	68%	7	76%	8	54	5	100%	5	50%	2.5	93	9.3	69.1	20
21	NEBBI	537200	3	57	92%	5	76%	9.5	1.1	12.5	78.0	6	43%	5.4	48%	5	45%	5	72	7	100%	5	50%	2.5	72	7.2	69.0	21
21	KAYUNGA	344600	3	23	92%	5	78%	9.7	0.9	11.3	75.0	6	36%	4.5	42%	4	46%	5	83	8	100%	5	50%	2.5	86	8.6	69.0	21
23	BUSIA	281100	2	27	100%	5	96%	12.1	0.8	9.5	72.8	5	29%	3.6	58%	6	40%	4	81	8	100%	5	50%	2.5	77	7.7	68.7	23
24	KIBOGA	319600	2	40	100%	5	77%	9.7	0.8	9.8	63.5	5	32%	3.9	61%	6	51%	5	84	8	100%	5	50%	2.5	81	8.1	68.5	24
24	NTUNGAMO	458000	3	36	92%	5	87%	10.9	0.9	11.7	91.4	7	32%	4.0	44%	4	27%	3	84	8	100%	5	50%	2.5	75	7.5	68.5	24
26	KAMWENGE	317000	2	30	100%	5	100%	12.5	0.9	11.8	72.0	5	16%	2.0	47%	5	34%	3	86	9	100%	5	50%	2.5	75	7.5	68.4	26
26	MANAFWA	343000	2	22	100%	5	123%	15.3	0.6	6.9	73.0	5	18%	2.3	46%	5	59%	6	92	9	100%	5	50%	2.5	61	6.1	68.4	26
28	KABALE	490000	7	100	92%	5	83%	10.4	1.4	12.5	91.0	7	25%	3.1	35%	3	34%	3	89	9	100%	5	50%	2.5	77	7.7	68.3	28
29	BUTALEJA	206200	1	23	100%	5	90%	11.3	1.3	12.5	75.0	6	42%	5.2	23%	2	54%	5	89	9	100%	5	50%	2.5	45	4.5	68.2	29
30	KITGUM	387100	2	35	92%	5	71%	8.9	1.2	12.5	38.0	3	39%	4.8	56%	6	78%	8	63	6	100%	5	50%	2.5	73	7.3	68.1	30
50																												
National A	verage	24702200	24.0	2240	0.00		700/		• •	44 5	co 7	-	220/		F.C.0/	~	470/	-	76	•	4000/	-	500/				<b>67 7</b>	
National A	-	31783300	218	3318	84%	4	76%	9.5	0.9	11.5	69.7	5	33%	4.1	56%	6	47%	5	76	8	100%	5	50%	2.5	78	7.8	67.7	
National A	PADER	481800	2	55	100%	5	74%	9.2	1.0	12.5	29.0	<b>5</b> 2	32%	4.0	70%	7	53%	5	65	7	100%	5	50%	2.5	85	8.5	67.7	31
National A 31 32	PADER BUSHENYI	481800 858600	2 7	55 110	100% 50%	5 3	74% 95%	9.2 11.9	1.0 0.8	12.5 10.3	29.0 89.0	2 7	32% 30%	4.0 3.7	70% 51%	7	53% 26%	5 3	65 99	<b>8</b> 7 10	100% 100%	5 5	50% 50%	2.5 2.5	85 71	8.5 7.1	67.7 67.2	32
National A 31 32 33	PADER BUSHENYI NAKASEKE	481800 858600 178600	2 7 2	55 110 21	100% 50% 100%	5 3 5	74% 95% 57%	9.2 11.9 7.1	1.0 0.8 1.1	12.5 10.3 12.5	29.0 89.0 82.9	2 7 6	32% 30% 49%	4.0 3.7 6.2	70% 51% 51%	7 5 5	53% 26% 58%	5 3 6	65 99 70	7 10 7	100% 100% 100%	5 5 5	50% 50% 50%	2.5 2.5 2.5	85 71 45	8.5 7.1 4.5	67.7 67.2 66.9	32 33
National A 31 32 33 34	PADER BUSHENYI NAKASEKE BUDUDA	481800 858600 178600 167000	2 7 2 1	55 110 21 12	100% 50% 100% 100%	5 3 5 5	74% 95% 57% 147%	9.2 11.9 7.1 12.5	1.0 0.8 1.1 1.1	12.5 10.3 12.5 12.5	29.0 89.0 82.9 58.0	2 7	32% 30% 49% 24%	4.0 3.7 6.2 2.9	70% 51% 51% 30%	7 5 5 3	53% 26% 58% 40%	5 3 6 4	65 99 70 82	7 10 7 8	100% 100% 100% 100%	5 5 5 5	50% 50% 50%	2.5 2.5 2.5 2.5	85 71 45 66	8.5 7.1 4.5 6.6	67.7 67.2 66.9 66.5	32 33 34
National A 31 32 33 34 35	PADER BUSHENYI NAKASEKE BUDUDA KUMI	481800 858600 178600 167000 377900	2 7 2 1 2	55 110 21 12 26	100% 50% 100% 100% 75%	5 3 5 5 4	74% 95% 57% 147% 76%	9.2 11.9 7.1 12.5 9.4	1.0 0.8 1.1 1.1 1.0	12.5 10.3 12.5 12.5 12.5	29.0 89.0 82.9 58.0 56.0	2 7 6	32% 30% 49% 24% 52%	4.0 3.7 6.2 2.9 6.6	70% 51% 51% 30% 25%	7 5 3 3	53% 26% 58% 40% 51%	5 3 6 4 5	65 99 70 82 89	7 10 7	100% 100% 100% 100%	5 5 5 5 5	50% 50% 50% 50% 50%	2.5 2.5 2.5 2.5 2.5 2.5	85 71 45 66 53	8.5 7.1 4.5 6.6 5.3	67.7 67.2 66.9 66.5 65.7	32 33 34 35
National A 31 32 33 34 35 36	PADER BUSHENYI NAKASEKE BUDUDA KUMI AMURU	481800 858600 178600 167000 377900 220400	2 7 2 1 2 2 2	55 110 21 12 26 35	100% 50% 100% 100% 75% 42%	5 3 5 5 4 2	74% 95% 57% 147% 76% 68%	9.2 11.9 7.1 12.5 9.4 8.5	1.0 0.8 1.1 1.1 1.0 1.3	12.5 10.3 12.5 12.5 12.5 12.5	29.0 89.0 82.9 58.0 56.0 34.6	2 7 6	32% 30% 49% 24% 52% 26%	4.0 3.7 6.2 2.9 6.6 3.3	70% 51% 51% 30% 25% 82%	7 5 3 3 3 8	53% 26% 58% 40% 51% 50%	5 3 6 4 5 5	65 99 70 82 89 65	7 10 7 8 9 7	100%         100%         100%         100%         100%         100%	5 5 5 5 5 5 5 5	50% 50% 50% 50% 50%	2.5 2.5 2.5 2.5 2.5 2.5	85 71 45 66 53 93	8.5 7.1 4.5 6.6 5.3 9.3	67.7 67.2 66.9 66.5 65.7 65.5	32 33 34 35 36
National A 31 32 33 34 35 36 37	PADER BUSHENYI NAKASEKE BUDUDA KUMI AMURU IBANDA	481800 858600 178600 167000 377900 220400 242800	2 7 2 1 2 2 2 2	55 110 21 12 26 35 37	100% 50% 100% 75% 42% 83%	5 3 5 5 4 2 4	74% 95% 57% 147% 76% 68% 81%	9.2 11.9 7.1 12.5 9.4 8.5 10.1	1.0 0.8 1.1 1.1 1.0 1.3 0.9	12.5 10.3 12.5 12.5 12.5 12.5 12.5 11.5	29.0 89.0 82.9 58.0 56.0 34.6 88.9	2 7 6 4 4 3 7	32% 30% 49% 24% 52% 26% 31%	4.0 3.7 6.2 2.9 6.6 3.3 3.9	70% 51% 51% 30% 25% 82% 56%	7 5 3 3 8 6	53% 26% 58% 40% 51% 50% 20%	5 3 6 4 5 5 2	65 99 70 82 89 65 94	7 10 7 8 9 7 7 9	100%         100%         100%         100%         100%         100%         100%	5 5 5 5 5 5 5 5	50% 50% 50% 50% 50% 50%	2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5	85 71 45 66 53 93 44	<ul> <li>8.5</li> <li>7.1</li> <li>4.5</li> <li>6.6</li> <li>5.3</li> <li>9.3</li> <li>4.4</li> </ul>	67.7 67.2 66.9 66.5 65.7 65.5 65.4	32 33 34 35 36 37
National A 31 32 33 34 35 36 37 38	PADER BUSHENYI NAKASEKE BUDUDA KUMI AMURU IBANDA ISINGIRO	481800 858600 178600 167000 377900 220400 242800 396700	2 7 2 1 2 2 2 2 3	55 110 21 12 26 35 37 52	100% 50% 100% 75% 42% 83% 67%	5 3 5 5 4 2 4 3	74% 95% 57% 147% 76% 68% 81% 82%	9.2 11.9 7.1 12.5 9.4 8.5 10.1 10.3	1.0 0.8 1.1 1.0 1.3 0.9 1.1	12.5 10.3 12.5 12.5 12.5 12.5 12.5 11.5 12.5	29.0 89.0 82.9 58.0 56.0 34.6 88.9 78.0	2 7 6 4 3 7 6	32% 30% 49% 24% 52% 26% 31% 29%	4.0 3.7 6.2 2.9 6.6 3.3 3.9 3.7	70% 51% 51% 30% 25% 82% 56% 39%	7 5 3 3 8 6 4	53%       26%       58%       40%       51%       50%       20%       49%	5 3 6 4 5 5 2 5	65 99 70 82 89 65 94 95	7 10 7 8 9 7 9 9 9 9	100%         100%         100%         100%         100%         100%         100%         100%	5 5 5 5 5 5 5 5 5	50% 50% 50% 50% 50% 50%	2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5	85 71 45 66 53 93 44 39	<ul> <li>8.5</li> <li>7.1</li> <li>4.5</li> <li>6.6</li> <li>5.3</li> <li>9.3</li> <li>4.4</li> <li>3.9</li> </ul>	67.7 67.2 66.9 66.5 65.7 65.5 65.4 65.3	32 33 34 35 36 37 38
National A 31 32 33 34 35 36 37 38 38	PADER BUSHENYI NAKASEKE BUDUDA KUMI AMURU IBANDA ISINGIRO KASESE	481800 858600 178600 167000 377900 220400 242800 396700 695500	2 7 2 1 2 2 2 2 3 4	55 110 21 12 26 35 37 52 88	100% 50% 100% 75% 42% 83% 67% 50%	5 3 5 4 2 4 3 3	74% 95% 57% 147% 76% 68% 81% 82% 96%	9.2 11.9 7.1 12.5 9.4 8.5 10.1 10.3 12.0	1.0 0.8 1.1 1.0 1.3 0.9 1.1 0.7	12.5 10.3 12.5 12.5 12.5 12.5 11.5 12.5 9.1	29.0 89.0 82.9 58.0 56.0 34.6 88.9 78.0 74.0	2 7 6 4 3 7 6 6	32% 30% 49% 24% 52% 26% 31% 29% 43%	4.0 3.7 6.2 2.9 6.6 3.3 3.9 3.7 5.3	70%           51%           51%           30%           25%           82%           56%           39%           28%	7 5 3 3 8 6 4 3	53%       26%       58%       40%       51%       20%       49%       54%	5 3 6 4 5 5 2 5 5 5	65 99 70 82 89 65 94 95 81	7 10 7 8 9 7 7 9 9 9 9 8	100% 100% 100% 100% 100% 100% 100%	5 5 5 5 5 5 5 5 5 5 5	50% 50% 50% 50% 50% 50% 50%	2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5	85 71 45 66 53 93 44 39 70	8.5         7.1         4.5         6.6         5.3         9.3         4.4         3.9         7.0	67.7 67.2 66.9 66.5 65.7 65.5 65.4 65.3 65.3	32 33 34 35 36 37 38 38 38
National A 31 32 33 34 35 36 37 38 38 40	PADER BUSHENYI NAKASEKE BUDUDA KUMI AMURU IBANDA ISINGIRO KASESE NAMUTUMBA	481800 858600 178600 377900 220400 242800 396700 695500 207200	2 7 2 1 2 2 2 2 3 4 1	55 110 21 12 26 35 37 52 88 33	100% 50% 100% 100% 42% 83% 67% 50% 92%	5 3 5 4 2 4 3 3 5	74% 95% 57% 147% 68% 81% 82% 96% 87%	9.2 11.9 7.1 12.5 9.4 8.5 10.1 10.3 12.0 10.9	1.0 0.8 1.1 1.0 1.3 0.9 1.1 0.7 0.8	12.5 10.3 12.5 12.5 12.5 12.5 12.5 11.5 12.5 9.1 10.1	29.0 89.0 82.9 58.0 56.0 34.6 88.9 78.0 74.0 51.0	2 7 6 4 3 7 6 6 6 4	32% 30% 49% 24% 52% 26% 31% 29% 43% 30%	4.0 3.7 6.2 2.9 6.6 3.3 3.9 3.7 5.3 3.7	70% 51% 51% 25% 82% 56% 39% 28% 27%	7 5 3 3 8 8 6 4 3 3	53% 26% 58% 40% 51% 50% 20% 49% 54% 37%	5 3 6 4 5 5 5 2 5 5 5 4	65 99 70 82 89 65 94 95 81 88	7 10 7 8 9 7 9 9 9 9	100% 100% 100% 100% 100% 100% 100% 100%	5 5 5 5 5 5 5 5 5 5 5 5	50% 50% 50% 50% 50% 50% 50% 50%	2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5	85 71 45 66 53 93 44 39 70 92	8.5         7.1         4.5         6.6         5.3         9.3         4.4         3.9         7.0         9.2	67.7 67.2 66.9 66.5 65.7 65.5 65.4 65.3 65.3 65.3	32 33 34 35 36 37 38 38 38 40
National A 31 32 33 34 35 36 37 38 38 40 41	PADER BUSHENYI NAKASEKE BUDUDA KUMI AMURU IBANDA ISINGIRO KASESE NAMUTUMBA WAKISO	481800 858600 178600 377900 220400 242800 396700 695500 207200 1260900	2 7 2 1 2 2 2 3 4 1 7	55 110 21 12 26 35 37 52 88 33 99	100% 50% 100% 75% 42% 83% 67% 50% 92% 100%	5 3 5 4 2 4 3 3 5 5 5	74% 95% 57% 147% 68% 81% 82% 96% 87% 85%	9.2 11.9 7.1 12.5 9.4 8.5 10.1 10.3 12.0 10.9 10.6	1.0 0.8 1.1 1.0 1.3 0.9 1.1 0.7 0.8 0.7	12.5 10.3 12.5 12.5 12.5 12.5 12.5 12.5 12.5 9.1 10.1 8.9	29.0 89.0 82.9 58.0 34.6 88.9 78.0 74.0 51.0 83.5	2 7 6 4 3 7 6 6	32% 30% 49% 24% 52% 26% 31% 29% 43% 30% 26%	4.0 3.7 6.2 2.9 6.6 3.3 3.9 3.7 5.3 3.7 3.3	70% 51% 51% 25% 82% 56% 39% 28% 27% 43%	7 5 3 3 8 6 4 3 3 3 4	53%         26%         58%         40%         51%         20%         49%         54%         37%         43%	5 3 6 4 5 5 2 5 5 5 4 4	65 99 70 82 89 65 94 95 81 88 88 72	7 10 7 8 9 7 7 9 9 9 9 8	100%           100%           100%           100%           100%           100%           100%           100%           100%           100%           100%	5 5 5 5 5 5 5 5 5 5 5 5 5 5	50% 50% 50% 50% 50% 50% 50% 50%	2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5	85           71           45           66           53           93           44           39           70           92           72	8.5         7.1         4.5         6.6         5.3         9.3         4.4         3.9         7.0         9.2         7.2	67.7 67.2 66.9 66.5 65.7 65.5 65.4 65.3 65.3 65.3 65.0 64.6	32 33 34 35 36 37 38 38 38 40 41
National A 31 32 33 34 35 36 37 38 38 40 41 42	PADER BUSHENYI NAKASEKE BUDUDA KUMI AMURU IBANDA ISINGIRO KASESE NAMUTUMBA WAKISO ARUA	481800 858600 178600 167000 377900 220400 242800 396700 695500 207200 1260900 526400	2 7 2 1 2 2 2 3 4 1 7 7 4	55 110 21 12 26 35 37 52 88 33 99 44	100% 50% 100% 75% 42% 83% 67% 50% 92% 100% 83%	5 3 5 4 2 4 3 3 5 5 4	74% 95% 57% 147% 68% 81% 82% 96% 87% 85% 81%	9.2 11.9 7.1 12.5 9.4 8.5 10.1 10.3 12.0 10.9 10.6 10.1	1.0         0.8         1.1         1.0         1.3         0.9         1.1         0.7         0.8         0.7         0.8         0.7         0.8	12.5 10.3 12.5 12.5 12.5 12.5 12.5 12.5 12.5 9.1 10.1 8.9 10.4	29.0 89.0 58.0 56.0 34.6 88.9 78.0 74.0 51.0 83.5 56.0	2 7 6 4 3 7 6 6 6 4	32% 30% 49% 24% 52% 26% 31% 29% 43% 30% 26% 33%	4.0 3.7 6.2 2.9 6.6 3.3 3.9 3.7 5.3 3.7 3.3 4.1	70% 51% 51% 30% 25% 82% 56% 39% 28% 27% 43% 56%	7 5 3 3 8 6 4 3 3 3 4 6	53%           26%           58%           40%           51%           20%           49%           54%           37%           43%           54%	5 3 6 4 5 5 5 5 5 5 4 4 5 5	65 99 70 82 89 65 94 95 81 88 88 72 71	7 10 7 8 9 7 7 9 9 9 9 9 8 8 9 7 7 7	100% 100% 100% 100% 100% 100% 100% 100%	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	50% 50% 50% 50% 50% 50% 50% 50% 50%	2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5	85           71           45           66           53           93           44           39           70           92           72           45	8.5         7.1         4.5         6.6         5.3         9.3         4.4         3.9         7.0         9.2         7.2         4.5	67.7 67.2 66.9 66.5 65.7 65.5 65.4 65.3 65.3 65.3 65.0 64.6 63.1	32 33 34 35 36 37 38 38 38 40 41 42
National A           31           32           33           34           35           36           37           38           40           41           42           42	PADER BUSHENYI NAKASEKE BUDUDA KUMI AMURU IBANDA ISINGIRO KASESE NAMUTUMBA WAKISO ARUA KALANGALA	481800 858600 178600 377900 220400 242800 396700 695500 207200 1260900 526400 58100	2 7 2 1 2 2 2 2 3 4 1 7 4 2	55 110 21 12 26 35 37 52 88 33 99 44 11	100% 50% 100% 75% 42% 83% 67% 50% 92% 100% 83% 100%	5 3 5 4 2 4 3 3 5 5 4 5	74% 95% 147% 68% 81% 82% 96% 87% 85% 81% 175%	9.2 11.9 7.1 12.5 9.4 8.5 10.1 10.3 12.0 10.9 10.6 10.1 12.5	1.0         0.8         1.1         1.0         1.3         0.9         1.1         0.7         0.8         0.7         0.8         0.7         0.8         0.7         0.8         0.7	12.5 10.3 12.5 12.5 12.5 12.5 12.5 12.5 12.5 9.1 10.1 8.9 10.4 11.6	29.0 89.0 58.0 56.0 34.6 88.9 78.0 74.0 51.0 83.5 56.0 56.0	2 7 6 4 3 7 6 6 6 4 6 4 6 4 4 4	32% 30% 49% 24% 52% 26% 31% 29% 43% 30% 26% 33% 12%	4.0 3.7 6.2 2.9 6.6 3.3 3.9 3.7 5.3 3.7 3.3 4.1 1.5	70%           51%           30%           25%           82%           56%           39%           28%           27%           43%           56%           49%	7 5 3 3 8 6 4 3 3 3 4	53%       26%       58%       40%       51%       20%       49%       54%       37%       43%       54%       31%	5 3 6 4 5 5 2 5 5 5 4 4	65         99         70         82         89         65         94         95         81         88         72         71         78	7 10 7 8 9 7 7 9 9 9 9 8	100% 100% 100% 100% 100% 100% 100% 100%	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	50% 50% 50% 50% 50% 50% 50% 50% 50% 50%	2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5	85 71 45 66 53 93 44 39 70 92 72 45 50	8.5         7.1         4.5         6.6         5.3         9.3         4.4         3.9         7.0         9.2         7.2         4.5         5.0	67.7 67.2 66.9 65.5 65.7 65.5 65.4 65.3 65.3 65.3 65.0 64.6 63.1 63.1	32 33 34 35 36 37 38 38 40 41 42 42
National A 31 32 33 34 35 36 37 38 38 40 41 42	PADER BUSHENYI NAKASEKE BUDUDA KUMI AMURU IBANDA ISINGIRO KASESE NAMUTUMBA WAKISO ARUA	481800 858600 178600 167000 377900 220400 242800 396700 695500 207200 1260900 526400	2 7 2 1 2 2 2 3 4 1 7 7 4	55 110 21 12 26 35 37 52 88 33 99 44	100% 50% 100% 75% 42% 83% 67% 50% 92% 100% 83%	5 3 5 4 2 4 3 3 5 5 4	74% 95% 57% 147% 68% 81% 82% 96% 87% 85% 81%	9.2 11.9 7.1 12.5 9.4 8.5 10.1 10.3 12.0 10.9 10.6 10.1	1.0         0.8         1.1         1.0         1.3         0.9         1.1         0.7         0.8         0.7         0.8         0.7         0.8	12.5 10.3 12.5 12.5 12.5 12.5 12.5 12.5 12.5 9.1 10.1 8.9 10.4	29.0 89.0 82.9 58.0 34.6 88.9 78.0 74.0 51.0 83.5 56.0	2 7 6 4 3 7 6 6 6 4	32% 30% 49% 24% 52% 26% 31% 29% 43% 30% 26% 33%	4.0 3.7 6.2 2.9 6.6 3.3 3.9 3.7 5.3 3.7 3.3 4.1	70% 51% 51% 30% 25% 82% 56% 39% 28% 27% 43% 56%	7 5 3 3 8 6 4 3 3 3 4 6	53%           26%           58%           40%           51%           20%           49%           54%           37%           43%           54%	5 3 6 4 5 5 5 5 5 5 4 4 5 5	65 99 70 82 89 65 94 95 81 88 88 72 71	7 10 7 8 9 7 7 9 9 9 9 9 8 8 9 7 7 7	100% 100% 100% 100% 100% 100% 100% 100%	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	50% 50% 50% 50% 50% 50% 50% 50% 50%	2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5	85           71           45           66           53           93           44           39           70           92           72           45	8.5         7.1         4.5         6.6         5.3         9.3         4.4         3.9         7.0         9.2         7.2         4.5	67.7 67.2 66.9 66.5 65.7 65.5 65.4 65.3 65.3 65.3 65.0 64.6 63.1	32 33 34 35 36 37 38 38 38 40 41 42

10																					1				1	1		1
46	KAPCHORWA	199200	2	31	92%	5	61%	7.6	1.2	12.5	57.9	4	23%	2.9	20%	2	52%	5	86	9	100%	5	50%	2.5	69	6.9	62.1	46
47	APAC	543200	3	39	92%	5	63%	7.8	0.7	8.5	69.0	5	27%	3.4	56%	6	46%	5	61	6	100%	5	50%	2.5	88	8.8	61.9	47
47	SSEMBABULE	210900	2	23	92%	5	80%	10.0	0.9	10.7	60.0	5	15%	1.9	49%	5	20%	2	80	8	100%	5	50%	2.5	78	7.8	61.9	47
49	KIBAALE	613300	3	44	83%	4	47%	5.9	0.9	10.8	68.0	5	21%	2.7	59%	6	66%	7	85	9	100%	5	50%	2.5	45	4.5	61.7	49
50	NAKASONGOLA	150000	1	30	100%	5	71%	8.9	1.3	12.5	73.0	5	31%	3.9	51%	5	35%	3	23	2	100%	5	50%	2.5	75	7.5	61.5	50
50	KATAKWI	163000	1	18	83%	4	80%	10.0	0.8	9.7	49.3	4	24%	3.0	37%	4	48%	5	86	9	100%	5	50%	2.5	63	6.3	61.5	50
52	KABERAMAIDO	183000	2	20	67%	3	71%	8.9	0.9	11.3	49.0	4	22%	2.7	29%	3	46%	5	85	9	100%	5	50%	2.5	78	7.8	61.3	52
53	IGANGA	709400	4	81	92%	5	70%	8.7	0.6	7.0	66.0	5	30%	3.7	42%	4	25%	3	94	9	100%	5	50%	2.5	85	8.5	61.1	53
54	KYENJOJO	504700	3	40	75%	4	71%	8.8	0.8	10.3	62.0	5	23%	2.8	34%	3	28%	3	89	9	100%	5	50%	2.5	76	7.6	60.6	54
55	KOTIDO	204600	1	18	100%	5	104%	12.5	0.9	11.3	6.7	1	16%	2.0	31%	3	70%	7	58	6	100%	5	50%	2.5	53	5.3	60.0	55
56	BUDAKA	169200	1	15	83%	4	96%	12.0	0.8	10.0	60.0	5	40%	5.0	14%	1	54%	5	38	4	100%	5	50%	2.5	62	6.2	59.9	56
57	BUGIRI	599000	3	71	83%	4	82%	10.3	0.5	6.5	78.7	6	16%	2.0	29%	3	42%	4	89	9	100%	5	50%	2.5	72	7.2	59.5	57
58	PALLISA	506900	3	40	75%	4	63%	7.8	0.5	5.7	67.9	5	30%	3.8	36%	4	55%	5	89	9	100%	5	50%	2.5	75	7.5	59.1	58
59	KALIRO	202200	1	17	92%	5	84%	10.5	0.4	5.3	81.0	6	23%	2.9	25%	3	30%	3	73	7	100%	5	50%	2.5	88	8.8	58.5	59
59	KIRUHURA	280200	2	8	83%	4	74%	9.3	0.9	11.5	83.0	6	11%	1.4	27%	3	23%	2	92	9	100%	5	50%	2.5	42	4.2	58.5	59
61	MAYUGE	429300	3	38	75%	4	60%	7.5	0.5	6.0	62.0	5	23%	2.9	49%	5	44%	4	78	8	100%	5	50%	2.5	89	8.9	58.4	61
61	SIRONKO	346400	3	38	75%	4	78%	9.7	0.7	8.2	64.0	5	21%	2.6	49%	5	43%	4	86	9	100%	5	50%	2.5	40	4.0	58.4	61
63	BUKEDEA	171000	1	11	67%	3	65%	8.1	0.7	8.3	65.0	5	23%	2.9	22%	2	57%	6	83	8	100%	5	50%	2.5	71	7.1	58.2	63
63	КОВОКО	209600	1	10	100%	5	90%	11.3	0.5	6.8	64.0	5	22%	2.7	31%	3	23%	2	68	7	100%	5	50%	2.5	79	7.9	58.2	63
65	SOROTI	554900	4	44	25%	1	43%	5.4	0.7	9.1	70.0	5	30%	3.8	34%	3	81%	8	79	8	100%	5	50%	2.5	64	6.4	58.0	65
66	MOROTO	297800	3	19	50%	3	74%	9.3	0.8	9.4	5.7	0	12%	1.5	93%	9	52%	5	64	6	100%	5	50%	2.5	56	5.6	57.2	66
67	BUNDIBUGYO	312500	3	28	83%	4	64%	8.0	0.7	8.7	68.0	5	27%	3.4	31%	3	27%	3	81	8	100%	5	50%	2.5	59	5.9	56.7	67
67	YUMBE	466400	1	17	100%	5	52%	6.5	0.5	6.7	75.0	6	26%	3.2	10%	1	67%	7	69	7	100%	5	50%	2.5	75	7.5	56.7	67
69	MOYO	354300	2	37	100%	5	27%	3.4	0.9	11.0	78.4	6	17%	2.1	23%	2	75%	7	64	6	100%	5	50%	2.5	55	5.5	56.6	69
70	HOIMA	499100	2	23	67%	3	39%	4.9	0.6	8.1	72.0	5	29%	3.7	50%	5	35%	3	82	8	100%	5	50%	2.5	65	6.5	56.0	70
71	MUBENDE	566600	3	56	92%	5	50%	6.2	0.5	6.2	76.0	6	13%	1.7	42%	4	44%	4	73	7	100%	5	50%	2.5	77	7.7	55.4	71
72	BUKWO	67500	1	12	100%	5	98%	12.2	1.0	12.5	60.0	5	17%	2.1	13%	1	50%	5	27	3	100%	5	50%	2.5	25	2.5	55.3	72
73	NAKAPIRIPIRIT	244900	3	15	83%	4	71%	8.9	0.7	8.6	2.0	0	7%	0.8	37%	4	67%	7	72	7	100%	5	50%	2.5	75	7.5	55.2	73
74	BULIISA	76900	1	9	73%	4	63%	7.8	0.6	7.3	49.0	4	14%	1.8	27%	3	52%	5	71	7	100%	5	50%	2.5	75	7.5	54.2	74
75	NYADRI	388200	2	31	58%	3	56%	7.0	0.8	10.6	57.0	4	28%	3.6	14%	1	61%	6	62	6	100%	5	50%	2.5	42	4.2	53.7	75

76	KAMULI	716700	4	71	92%	5	79%	9.8	0.6	7.3	82.0	6	26%	3.2	23%	2	29%	3	11	1	100%	5	50%	2.5	84	8.4	53.2	76
77	MASINDI	602100	3	51	67%	3	41%	5.1	0.4	4.4	68.2	5	15%	1.9	52%	5	43%	4	87	9	100%	5	50%	2.5	68	6.8	52.4	77
78	ADJUMANI	331600	1	32	33%	2	33%	4.1	0.7	9.1	67.0	5	19%	2.4	31%	3	50%	5	65	6	100%	5	50%	2.5	50	5.0	49.5	78
79	AMURIA	344200	2	23	67%	3	55%	6.9	0.6	7.6	21.0	2	21%	2.6	23%	2	49%	5	86	9	100%	5	50%	2.5	30	3.0	48.3	79
80	KAABONG	345300	2	27	92%	5	44%	5.5	0.6	7.7	14.1	1	5%	0.6	12%	1	62%	6	81	8	100%	5	50%	2.5	50	5.0	47.6	80
*Population	n figures based on	the 2010 mid	- term	populatio	n project	tions fr	om the L	JBOS w	hich w	ere deri	ved fror	n the p	opulatio	n census	s of 2002													
Note: Mont	thly HMIS reports u	used to derive	all indi	cators																								

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## APPENDIX IV: PMTCT AND ART SERVICES FOR 2009/10

District	ANC New	No. of Pregnant Women Tested for HIV	No. of Pregnan t Women Positive for HIV	No. of Pregnant Women Given ARVs for Prophylaxis( PMTCT)	No. of Pregnant Women Given ARVs for Treatment	No. Eligible for ART	No. Started on ARVs
ABIM	4681	5668	189	95	590	78	41
ADJUMANI	6403	4699	99	115	35	110	67
AMOLATAR	5728	8106	480	440	149	506	226
AMURIA	8348	12531	442	292	805	150	184
AMURU	8917	13126	559	376	115	218	187
APAC	22312	20476	1268	959	3439	625	420
ARUA	24458	21493	444	369	1285	2067	1489
BUDAKA	8644	14231	276	146	161	52	41
BUDUDA	5452	8297	254	273	39	117	87
BUGIRI	20594	12214	486	864	91	379	647
BUKEDEA	8126	9616	200	154	39	0	4
BUKWO	2202	3459	49	34	6	1	0
BULISA	2426	5029	196	164	28	38	40
BUNDIBUGYO	10286	16001	442	532	64	647	168
BUSHENYI	47533	40850	2738	2111	584	4482	1451
BUSIA	9839	7705	358	334	160	140	231
BUTALEJA	11492	17268	288	288	64	334	350
DOKOLO	7080	8165	380	287	55	311	373
GULU	25250	33277	4595	2149	951	6642	2141
HOIMA	20497	21842	1114	895	143	771	641
IBANDA	8392	11729	651	277	28	107	38
IGANGA	28854	27522	1056	496	216	557	814
ISINGIRO	17098	21439	813	607	69	673	361
JINJA	19204	22234	986	716	124	557	318
KAABONG	5703	7056	112	63	14	396	24
KABALE	19842	21670	917	1520	402	2381	557
KABAROLE	12372	24354	2440	1952	748	3320	1214
KABERAMAIDO	6704	11131	342	269	57	236	210
KALANGALA	1961	2547	550	480	89	454	874
KALIRO	10786	7477	657	216	48	82	58
KAMPALA	44356	110641	6055	4115	1287	4831	2881
KAMULI	28196	24749	845	418	192	1185	584
KAMWENGE	13411	17679	679	545	64	833	272
KANUNGU	9589	11903	566	531	137	150	303
KAPCHORWA	6161	9463	160	114	37	355	158
KASESE	32200	34114	1287	768	1515	3135	7786
KATAKWI	5319	10056	513	350	79	93	108
KAYUNGA	16597	24754	940	757	193	642	437

KYENJOJO	22153	27360	1692	927	216	590	473
KUMI	15876	20036	683	487	205	653	361
LIRA	26484	37033	2963	1255	365	1946	1581
LUWERO	6408	10371	1288	526	730	681	656
LYANTONDE	6608	6253	461	309	76	1142	872
MANAFWA	12372	18127	383	223	54	186	87
MASAKA	26889	21623	2338	1532	589	1934	1373
MASINDI	12426	16260	707	521	185	364	52
MAYUGE	16260	17725	781	411	119	204	141
MBALE	18870	19277	966	2142	352	827	1211
MBARARA	13167	16794	1606	1176	400	1053	838
MITYANA	10789	14169	1707	1335	224	197	164
MOROTO	7973	8791	180	297	243	95	80
MOYO	4647	4745	123	52	18	48	71
MPIGI	18966	21251	1319	991	733	1088	366
MUBENDE	20894	17798	1069	1124	416	539	269
MUKONO	36077	41485	2722	1999	2608	8548	8370
NAKAPIRIPIRIT	6134	8464	104	95	13	130	173
NAKASEKE	5582	8206	562	308	99	196	442
NAKASONGOLA	7474	7070	492	428	126	392	201
NAMUTUMBA	7968	6278	148	118	16	750	275
NEBBI	22323	19169	773	624	335	2213	580
NTUNGAMO	24525	19509	756	790	7232	141	91
NYADRI	16685	9782	64	51	24	49	33
OYAM	11895	19012	1126	570	133	1772	496
PADER	15353	20091	1236	721	188	2034	867
PALLISA	19049	26322	241	168	63	202	87
RAKAI	24043	14437	1214	827	317	86	298
RUKUNGIRI	15580	11789	802	479	89	71	83
SIRONKO	9282	16635	598	572	47	92	80
SOROTI	8078	28217	633	4357	283	207	95
SSEMBABULE	7253	7539	661	427	40	496	165
TORORO	16298	30819	1119	887	214	840	892
WAKISO	44414	45047	3984	5345	1406	3996	2304
YUMBE	9725	12677	165	52	18	157	138
Grand Total	1167234	1,412,895	74,238	59,158	32,848	74969	52527