



THE REPUBLIC OF UGANDA

MINISTRY OF HEALTH

NATIONAL MICRO PLANNING HANDBOOK FOR WATER, SANITATION AND HYGIENE (WASH) IN HEALTHCARE FACILITIES (HCFs) IN UGANDA

June, 2022





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MINISTRY OF HEALTH**

**National Micro Planning Handbook for Water, Sanitation and Hygiene
(WASH) in Healthcare Facilities (HCFS) in Uganda**

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Preface

The Ministry of Health recognizes that access to safe water, sanitation and hygiene (WASH) in health facilities is critical in the reduction of diseases, improved occupational health, more efficient health care services, improved staff morale and performance, the sustained ability to provide safe care, and increased trust in health care services.

It's worth noting that different stakeholders have conducted studies on WASH in health care facilities in different regions, but these didn't cover the entire country and studies were not aligned to Sustainable Development Goals.

As a result, UNICEF and WaterAid Uganda supported Ministry of health to conduct a WASH in HCFs microplanning in Uganda targeting all government aided and Private not for profit health facilities in Uganda.

The micro planning data generated will guide line ministries, local government authorities and development partners

to position WASH in health care facilities agenda within Water and Health sectors. Additionally, it will support the development of a roadmap for achieving WASH related sustainable development goals for health institutions.

Basing on the above Ministry of health calls upon all stakeholders to support the implementation of the National WASH in HCF micro plan.

Access to safe water, sanitation and hygiene (WASH) is critical for infection prevention and control especially in health facilities. Often, neonates and their mothers are particularly vulnerable to infections that are transmitted due to poor WASH conditions. Information on the status of WASH in health facilities in many developing countries, Uganda inclusive is scanty yet new-born mortality rate remains as high at 27 deaths per 1,000 live births, of which 31% of these deaths are due to neonatal sepsis.

Foreword

Availability of sustainable water, sanitation and hygiene (WASH) services is critical to improving quality of health care. It is also associated with prevention, reduction and control of infectious diseases and associated mortality, improved occupational health, staff morale and performance and increased trust in health care services. In recognition of the importance of water availability and good hygiene during childbirth in particular, WASH is considered both a precondition and an entry point for good quality care.

The Sustainable Development Goal (SDG) 3 and 6 “to ensure healthy lives and promote wellbeing for all ages” and “ensuring universal access to water and sanitation for all” respectively, emphasize the need to improve WASH in health care facilities that will result into reduction in maternal mortality, ending preventable newborn deaths, and providing quality universal health coverage.

In order to contribute to the above SDGs, Ministry of Health, with support from UNICEF, WaterAid Uganda and other partners embarked on the development of the national WASH in Health care facilities assessment that later translated into the development of the national WASH in Health care facilities micro plan handbook. The handbook provides the assessment results, costing to close the WASH gaps in health care facilities and key recommendations.

Ministry of Health, therefore encourages all implementing partners and stakeholders as they address WASH challenges in health facilities to make use of the microplanning handbook to enhance uniformity especially in respect to planning, budgeting, technical designing and construction, operation and maintenance, quality control and monitoring of WASH services in public, private not for profit and private for profit HCFs across the country.

On behalf of MOH, I would like to thank all development partners for the financial and technical support, particularly UNICEF and WaterAid Uganda extended towards completion of this task. I wish to extend my sincere thanks to all individuals that participated in the development of the National WASH in health care facilities microplanning handbook.



Dr. Aceng Jane Ruth Ocero
MINISTER

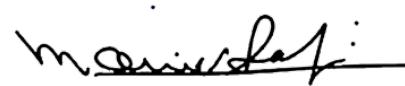
Message from the UNICEF Country Representative

The period surrounding childbirth remains a critical time in the lives of mothers and newborns. While Uganda's progress in reducing under-five mortality has been commendable, maternal and neonatal mortality have decreased at slower rates. Improving these numbers will require greater investments, especially in water, sanitation, and hygiene (WASH) services, which are currently lacking in a full one-third of all public health facilities in Uganda. Indeed, the existence of poor WASH infrastructure and weak infection prevention and control (IPC), especially in facilities where women give birth, will continue to put innocent lives at risk.

Due to the significance of WASH services in health care facilities and the need for reliable data to support planning, resource mobilization, implementation, and coordination among partners, this microplanning handbook for WASH in health care facilities could not come at a better time.

UNICEF looks forward to supporting the Ministry of Health, district local governments, and partners in using the information contained within this handbook to improve and sustain WASH and IPC services. UNICEF will also work with partners to track progress towards achieving the Sustainable Development Goal Targets 6.1 and 6.2 on the availability and sustainable management of water and sanitation.

UNICEF extends its sincere appreciation to the Ministry of Health for its leadership in prioritising the improvement of WASH services in health care facilities across Uganda. As we continue to support this important work, UNICEF remains fully committed to ensuring that children and their families have the resources needed to survive and thrive with safe water, sanitation, and hygiene services for all.



M. Munir A. Safieldin, Ph.D.
UNICEF Representative

Acknowledgements

The Ministry of Health wishes to express its sincere and deepest appreciation to the key government sectors, various development partners, nongovernmental organizations, individuals and stakeholders who contributed to the development of the National WASH in health care facility assessment that has provided information for the development of the National WASH in health care facility microplanning handbook.

Appreciations to UNICEF Uganda and Water Aid Uganda for providing funding for the development of this National WASH in health care facilities microplanning handbook .

The Ministry of Health is particularly grateful to the team from Environmental Health Department for their technical input during the development of this handbook.

It is hoped that all efforts shall be undertaken to promote WASH in health care facilities with the aim of enhancing the minimum conditions required for providing healthcare services in a healthy environment for healthcare workers, patients and visitors to the healthcare premises.

For God and My Country



Dr. Diana Atwine
PERMANENT SECRETARY

List of Acronyms

Acronyms	Full Expansion
EHD	Environmental Health Department
GIS	Global Information System
GoU	Government of Uganda
GPS	Global Positioning System
HC	Health Centre
HCFs	Healthcare Facilities
IECs	Information, Education and Communication materials
JMP	Joint Monitoring Programmes
MoH	Ministry of Health
PNFPs	Private Not for Profit
SDGs	Sustainable Development Goals
SoPs	Standard Operating Procedures
UGX	Uganda Shillings
UNICEF	United Nations Children's Fund
WASH	Water Sanitation and Hygiene
WHO	World Health Organization

Glossary of Key Terms

Access to sanitation	Number of functional toilets or improved latrine stances, segregated for gender, separated for patients, and healthcare workers, equity and inclusion for disability and MHM compliance.
Access to water	Safe/improved water source (within the healthcare facility, water available at the point during the time of the survey, and water available to patients, staff and care givers).
Hand hygiene	Presence of functional hand washing facilities at all points of care entrance, waiting areas, gate and hand washing routine monitoring.
Hand washing (after toilet use)	Availability of a functional hand washing facility within 5 meters of the toilet/improved latrines.
Hand washing (after toilet use)	Availability of a functional hand washing facility within 5 meters of the toilet/improved latrines.
Waste management	Waste safely segregated into at least three labelled bins, infectious or sharp waste safely stored, arrangement by the health facility to safely treat/dispose of infectious waste, arrangement by the health facility to treat/dispose of sharp waste, presence of functional incinerator and placenta pit.
Water quality	Regular testing (<=1 year) for ecoli using FCR test at (<=02-05mlg/l) regular treatment, methods of treatment (acceptable, effective methods).
Water quantity	Water availability all the time, sufficient water for all HCF requirements as per WHO guidelines (=>), acceptable storage method and quantities in case of need for => days.

Executive Summary

Introduction:

This National WASH in Healthcare Facilities (HCFs) coverage situational report presents the details of the WASH in HCFs coverage indicators including; access to safe water, sanitation, effective hand hygiene, safe medical waste management and environmental cleanliness as well as the funding gap to close the deficit in accessing those services in Uganda's HCFs. Water Sanitation and Hygiene (WASH) in HCFs indicators are presented at four service levels of access including; a) no service at all, b) limited access, c) basic access and d) advanced level access to services.

Data presented in the report was collected from a total of 4,272 government and Private Not for Profit (PNFP) HCFs across 136 districts between a two-year period (2020-2021 by the

Ministry of Health's Environmental Health Department) with support from UNICEF and WaterAid Uganda using Mwater application. Data was analysed using frequencies and percentages for categorical variables, mean and standard deviations for continuous data. Composite scores for access to water, sanitation, hand hygiene, waste management, HCFs cleanliness and environmental cleanliness were generated. Global Positioning System (GPS) spatial data was entered into an excel sheet and imported into ArcView Global Information System (GIS) for

processing and scaling to produce maps showing the location of HCFs at national, regional and district levels.

Main findings:

Across the country, WASH services in many government and PNFP HCFs were insufficient. Data from 136 districts indicate that 17 per cent of all HCFs don't have access to safe water at all (no service), 22 per cent are limited, 60 per cent are basic and 1 per cent are advanced. Access to sanitation was estimated at almost 10 per cent of all HCFs without access, 81 per cent limited, 5 per cent basic and only 4 per cent at advanced level. Relatedly, 11 per cent of all HCFs did not have access to hand hygiene at all, 21 per cent limited, 46 per cent basic and 21 per cent advanced services. Similarly, another 31 per cent of all HCFs did not have access to environmental cleanliness at all across the country, 40 per cent were limited and 8 per cent basic and 21 per cent advanced. Access to safe medical waste management was estimated at 23 per cent advanced, 56 per cent basic, 18 per cent limited and 3 per cent no service at all.

Large disparities between HCF level, districts, location, regions and ownership regimes sharply existed in access to WASH services in HCFs. Across all WASH in HCFs indicators, urban compared to rural, and PNFPs compared to government had better access levels. Access to WASH services levels improved with improvement in the

level of HCFs with hospitals, Health Centre Fours (HCIVs) and Health Centre Threes (HCIIIs) compared to Health Centre Twos (HCIIIs). Disparities between districts for particular services was widest for medical waste management and environmental cleanliness with districts like Lamwo and Obongi having access to safe medical waste management estimated at 83 per cent and 71 per cent at advanced level while Nwoya and Iganga were estimated at 70 per cent and 66 per cent for environmental cleanliness at advanced level compared to Dokolo, Namutumba and Bulisa with no HCFs with access to both environmental cleanliness and safe medical waste management at advanced service level.

The WASH in HCFs funding gap to close the access disparities from limited/no services to advanced was big (approximately UGX 656 billion) but achievable with careful and systematic planning. The funding gap differ between WASH in HCFs services and level of HCFs. Access to sanitation had the biggest funding gaps estimated at approximately UGX 367 billion compared to approximately UGX 9 billion for hand hygiene. There were also marked disparities between HCFs levels with the funding gap decreasing with an increase in the level of HCFs with HCIIIs and HCIIIs with biggest funding gaps compared to HCIVs and hospitals.

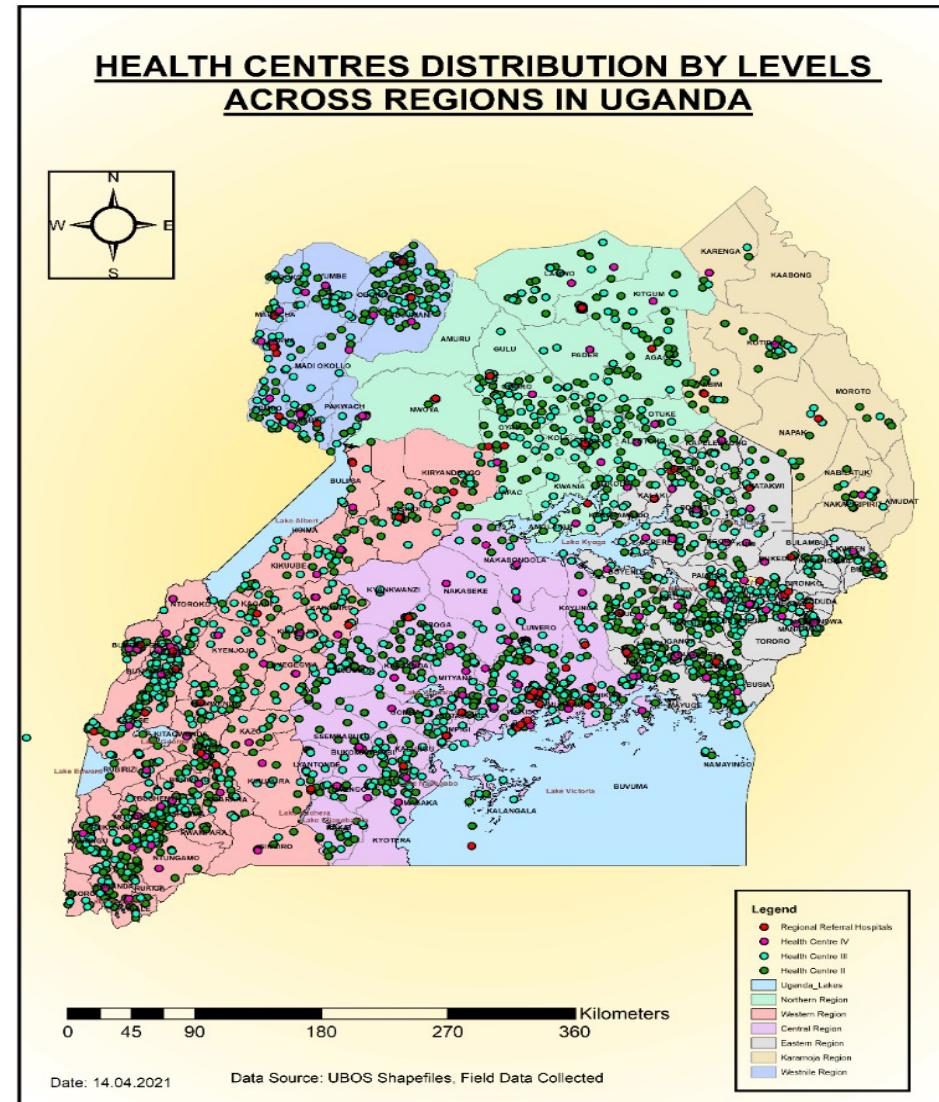
In conclusion, the report presents a glaring and dire situation in which Uganda's HCFs are in relation to accessing WASH services. Access to sanitation services were extremely low while others were non-existent in some districts hence needing urgent attention at all levels.

Urgent actions at national and facility level are needed to improve WASH conditions in healthcare facilities. These actions may include:

1. Support government through the Ministry of Health to establish and enforce national and international standards (WHO/JMP WASH in HCFs standards 2008) for increased access to WASH in HCFs services. WHO/JMP standards serve as a basis for establishing national standards. Implementation of national standards may benefit from a tiered or "laddered" approach that allows healthcare facilities to make incremental progress towards, and eventually beyond, a basic level of service.
2. Support government through the Ministry of Health to set, monitor and work towards achieving WASH in HCFs indicator targets. Setting targets will help the country to prioritize the most vulnerable HCFs levels, regions, district and service levels and indicators and take into account human, financial and technological capabilities of the country.
3. The WASH in health care facilities micro plan and costed plan must be disseminated widely to facilitate planning, resource mobilization and implementation of interventions.
4. Disseminate the national guidelines on WASH services in healthcare facilities to district local governments and partners for use in all healthcare facilities.
5. Support construction of WASH infrastructure in HCFs to improve quality of care and infection prevention control.

6. Build capacity of health workers and support staff on WASH practices to foster effective behavioral change amongst health workers, patients and care takers towards effective hygiene and sanitation practices.
7. Advocate for inclusion of WASH in HCF indicators in health system monitoring for instance HMIS, DHIS-2.
8. MoH should mobilize partners to support and provide a complete package for WASH services in healthcare facilities.
9. The WASH in HCF costed plans should be integrated in the district plans to facilitate resource mobilization and allocation.

MAP OF UGANDA SHOWING HEALTH CARE FACILITIES COVERAGE



1.0

Introduction and Background

1.1 Introduction

Presented in the report is the national WASH in HCFs coverage situation. It is code named the Water, Sanitation and Hygiene in Healthcare Facilities (WASH in HCFs) report. The report details the WASH in HCFs coverage indicators including:

- (a) Access to quantity and quality of water accessed.
- (b) Access to sanitation including number of facilities and stance ratio, menstrual hygiene and sanitation infrastructure.
- (c) Access to hand washing after using a latrine/toilet and hand hygiene.
- (d) Environmental cleanliness including training and protocols, equipment and supplies.
- (e) Facility hygiene, waste management including segregation and storage, treatment and disposal.
- (f) WASH in HCF funding gaps and costing.

WASH in HCFs indicators are presented at four service levels of access including; a) no service at all, b) limited, c) basic and d) advanced level access to services. See *Table 1*: for definition of the service levels.

Presented in the report are national, regional and district analyses of WASH in HCFs using data collected by Ministry of Health (Environmental Health Department) with support from UNICEF from 4,272 healthcare facilities across 136 districts in the country. District specific analyses and costed plans are presented in the annex.

1.2 Background to the project.

Safe and sufficient Water, Sanitation, and Hygiene (WASH) prevent the spread of disease in Healthcare Facilities (HCFs)¹. Healthcare facilities (HCFs) require adequate quantity and quality of water in order to maintain a hygienic environment.²

Improved sanitation, appropriate waste disposal and personal hygiene are all crucial.³ HCFs are recognized by the World Health Organization (WHO) as ‘environments’ with a high prevalence of infectious disease agents where patients, staff, caretakers and neighbors of the healthcare setting face unacceptable risks of infection if environmental health is inadequate.⁴

¹Water, Sanitation, and Hygiene in Rural Health-Care Facilities: A Cross-Sectional Study in Ethiopia, Kenya, Mozambique, Rwanda, Uganda, and Zambia (2017).

²Water, sanitation and hygiene infrastructure and quality in rural healthcare facilities in Rwanda (2017).

Functional WASH services contribute to reduction in disease, improved occupational health, more efficient healthcare services, improved staff morale and performance, the sustained ability to provide safe care, and increased trust in healthcare services. All of these contribute to the increase in the uptake of healthcare services. Primary healthcare facilities are often the first point of care in rural settings and play a key role in outbreak prevention. This is not possible without proper WASH facilities and prevention of contamination of water.

Less than 50 per cent of rural HCFs in Africa and Uganda inclusive have access to improved water sources on premises, improved sanitation, and consistent access to water and soap for handwashing¹. WHO and UNICEF have proposed an action plan to achieve universal WASH coverage in HCFs by 2030.



Presented in the report are national, regional and district analyses of WASH in HCFs using data collected by Ministry of Health (Environmental Health Department) with support from UNICEF from **4,272 healthcare** facilities across **136 districts** in the country.

Table 1: JMP/WHO service ladders for monitoring WASH in HCF in the SDGs

WASH in HCFs service ladders/ levels				
Water	Sanitation	Hand Hygiene	Healthcare waste	Environmental cleaning
Advanced service	Advanced service	Advanced service	Advanced service	Advanced service
Main source of water improved-on premises, piped supply inside the building, water available to staff & to patients/caregivers all the time Water is treated and tested within the last 12 months and compliant with any of the national standards.	Sanitation facilities clean and toilet ratio is less than 20 and have functional lighting plus all in basic.	Available at waiting area and for children and for those with limited Yes mobility.	HCF have a functional incinerator + all in basic service	Sufficient cleaning equipment and sufficient detergents and cleanliness.
Basic service	Basic service	Basic service	Basic service	Basic service
Water is available from an improved source and located on premises.	Improved sanitation facilities, are usable with at least one toilet dedicated for staff, at least one sex-separated toilet with menstrual hygiene facilities, and at least one toilet accessible for people with limited mobility.	Functional hand hygiene facilities (with water and soap and/or alcohol-based hand rub) are available at points of care, and within 5 meters of toilets.	Waste is safely segregated into at least three bins and sharp and infectious waste are treated and disposed of safely.	Basic protocols for cleaning available and staff with cleaning responsibilities have all received training.
Limited service	Limited service	Limited service	Limited service	Limited service
An improved water source is within 500 meters of the facility, but not all requirements for basic service are met.	At least one improved sanitation facility, but not all requirements for basic service are met.	Functional hand hygiene facilities are available at either point of care or toilets, but not both.	There is limited separation and/or treatment and disposal of sharp and infectious waste, but not all requirements for basic service are met.	There are cleaning protocols, or at least there enough supplies for cleaning in the wards and outpatients.
No service	No service	No service	No service	No service
Water is taken from unprotected dug wells or springs, or surface water sources; or an improved source that is more than 500 meters from the facility; or the facility has no water source.	Toilet facilities are unimproved (pit latrines without a slab or platform, hanging latrines and bucket latrines), or there are no toilets or latrines at the facility.	No functional hand hygiene facilities are available at either point of care or toilets	There are no separate bins for sharp or infectious waste, and sharp and/or infectious waste are not treated/disposed of.	No cleaning protocols are available, and no staff has received training on cleaning.

The WASH indicators for HCFs included: an improved water source on the premises accessible to all users, basic sanitation facilities, a hand washing facility with soap and water at all sanitation facilities and patient care areas. To establish viable targets for WASH in HCFs, investigation beyond ‘access’ is needed to address the state of WASH infrastructure and service provision. Patient and caregiver use of WASH services is largely unaddressed in previous studies despite being critical for infection control.⁵

Different stakeholders have conducted studies on WASH in healthcare facilities in different regions but these did not cover the entire country and only had limited utility.^{6,7,8} Hence, the Ministry of Health (MoH) requested UNICEF to support a comprehensive data collection on WASH for all public healthcare facilities for the development of a national micro plan on WASH in healthcare facilities in Uganda.

Data was collected by MoH with financial and technical support from UNICEF to form the basis for planning, partnership building and resource mobilization to improve coverage and quality of WASH in healthcare facilities in Uganda. This also provided a good opportunity to position WASH in healthcare facilities agenda within the water and health sectors and set a baseline of reporting against SDG6. Hence, providing support to the development of a roadmap for achieving WASH related sustainable development goal for institutions in the country.



Data was collected by MoH with financial and technical support from UNICEF to form the basis for planning, partnership building and resource mobilization to improve coverage and quality of WASH in healthcare facilities in Uganda.

⁵World Health Organization. UN-Water Global Annual Assessment of Sanitation and Drinking-water (GLAAS) 2012 Report:

⁶Availability and satisfactoriness of latrines and hand washing stations in health facilities, and role in health seeking behavior of women: evidence from rural Pune district, India (2017).

⁷Environmental factors and WASH practices in the perinatal period in Cambodia: implications for newborn health (2015).

⁸Environmental factors and WASH practices in the perinatal period in Cambodia: implications for newborn health (2014).

2.0

Methodology

2.1 Methodology

Data collection for the national WASH in HCFs adopted a census approach where data from all public (government) and Private Not for Profit (PNFP) HCFs from national referral hospital to Health Centre II was collected. Data was collected using an extended WASH in HCFs survey questionnaire programmed in HTML format using Mwater data collection application.

A total of 4,272 HCF records from government and Private Not for Profit (PNFPs) HCFs were downloaded from the server (mWaterPortal.html#/forms/eb4fd77245ba4e308660aeb2ff0e635e) with access rights secured from the MoH (EHD) on 21/01/2022 after confirmation from both UNICEF and MoH (EHD) that all data for the targeted HCFs is complete and uploaded to the server.

All data downloaded from the server was assessed for completeness and errors related to illogical and inconsistent entries. Any flagged queries were dealt with using an automated data cleaning script (stata data cleaning do-file). The do-file was designed with inbuilt skips and validation keys to reduce on inconsistencies.

Data analysis was done using STATA Version 13 on each WASH in HCF indicator including access to water, sanitation, hygiene, waste management, HCF environmental cleanliness and WASH in HCFs partnership (See *Table 2* for WASH in HCFs indicator definition and calculation). Results are presented at four (4) services levels including no service, limited, basic and advanced (See *Table 1* for clear definitions of the service levels) segregated at district, region, national and HCF levels.

Table 2: WASH in HCs indicator definition and calculation

SN	Parameter of access	Indicator	Indicator definition	Indicator calculation
1	Water	Access to water	Safe/ improved water source ⁹ (within the healthcare facility, water available at the point during the time of the survey, and water available to patients, staff and care givers.	All facilities scoring Yes to ALL the parameters set out.
		Water quality	Regular testing (<=1 year) for ecoli using FCR test at (<=02-05mlg/l) ¹⁰ , regular treatment, methods of treatment (acceptable, effective methods).	All facilities scoring Yes to ALL the parameters set out.
		Water quantity	Water availability all the time, sufficient water for all HCF requirements as per WHO guidelines ¹¹ (=>), acceptable storage ¹² method and quantities in case of need for => days.	All facilities scoring Yes to ALL the parameters set out.
2	Sanitation	Access to sanitation	Number ¹³ of functional ¹⁴ toilets or improved ¹⁵ latrines stances, segregated for gender, separated for patients, and healthcare workers, equity and inclusion ¹⁶ for disability and MHM compliance. ¹⁷	All facilities scoring Yes to ALL the parameters set out.
		Hand washing (after toilet use)	Availability of a functional ¹⁸ hand washing facility within 5 meters of the toilet/ improved latrines.	All facilities scoring Yes to ALL the parameters set out.
3	Hygiene	Hand hygiene	Presence of functional hand washing facilities at all points of care ¹⁹ , entrance, waiting areas, gate and hand washing routine monitoring	All facilities scoring Yes to ALL the parameters set out.

⁹Standard definitions (<http://www.wssinfo.org/definitionsmethods/watsan-categories/>) used by the WHO / UNICEF Joint Monitoring Programme for Water Supply and Sanitation (JMP).

¹⁰Free chlorine residual (FCR) is the portion of chlorine that is available for disinfection. Treated water should have some measurable concentration of free chlorine so that it is available in case contaminants enter the water after treatment.

The WHO recommends a free chlorine residual of at least 0.2 mg/L for any treated water and at least 0.5 mg/L for water used in emergencies.

¹¹All water requirements at a HCF (source: WHO 2008 Essential environmental standards in health care (<https://www.google.ae/url?sa=t&rct=j&q=&src=s&source=web&cd=1&cad=rja&uact=8&ved=0AhUKEwj5qZWQoXSAhUDcrQKHerTDloQFggMAA&url=http%3A%2F%2Fwww.who.int%2F>))

¹²Acceptable storage methods include: clean, covered and well-maintained containers which prevent contamination from entering and are free from any cracks, leaks, etc. Such containers should also allow for water to be extracted without hands or other potentially contaminated surfaces from touching the water (i.e. through use of a tap).

¹³At least four toilets should be available per outpatient setting (one for staff, and for patients: one for females, one for males, one for disabled users) and there should be at least one toilet per 20 inpatients.

¹⁴Functional toilets or latrines should meet the following criteria: Door, roof, superstructure which is safe and not full/ blocked and locked at the HCFs.

¹⁵Improved toilets or latrines include: flush toilets into managed sewer or septic tank and soak away pit, VIP latrines, pit latrines with slab, and composting toilets

¹⁶All specifications are based on ISO 21542:2011 - Building construction - Accessibility and usability of the built environment (http://www.iso.org/iso/home/store/catalogue_tc/catalogue_detail.htm?csnumber=50498).

¹⁷A toilet can be considered to have menstrual hygiene facilities if it has a bin with a lid on it for disposal of used menstrual hygiene products, and water and soap available in a private space for washing

¹⁸A functional hand hygiene station may consist of soap and water with a basin/pan for washing hands. Water should not be chlorinated. Alcohol-based hand rub is not suitable for use at latrines.

¹⁹WHO defines point of care as any location in the outpatient setting where care or treatment is delivered (e.g Consultation rooms, Examination rooms, Triage rooms, Treatment rooms). Othername,

SN	Parameter of access	Indicator	Indicator definition	Indicator calculation
4	Environmental cleanliness	Environmental cleanliness; training and protocol	Guidelines or procedures (SOP) for cleaning, visible cleaning roster or schedule specifying responsibility for cleaning and staff training on WASH/IPC.	All facilities scoring Yes to ALL the parameters set out.
		Environmental cleanliness; equipment and supplies.	Availability of supplies for cleaning in wards, outpatients and labor and delivery words and availability of PPEs.	All facilities scoring Yes to ALL the parameters set out.
		Environmental cleanliness: facility hygiene	Wards visibly clean and free from dust and soil, absence of uncleansed spills from bodily fluids, clean beds, mattresses, pillows and/or mats, no open defecation practiced at HCF and no uncontained solid waste.	All facilities scoring Yes to ALL the parameters set out.
		Integrated IPC/WASH programming	Presence of trained IPC-WASH focal point person, clear annual activity plan, an IPC-WASH committee and training, IPC budget line, IPC IECs display,	All facilities scoring Yes to ALL the parameters set out.
5	Medical waste	Waste management	Waste safely segregated into at least three labelled bins ²⁰ , infectious or sharps waste safely stored ²¹ , arrangement by the health facility to safely treat/dispose of infectious waste, arrangement by the health facility to treat/dispose of sharp waste, presence of functional incinerator and placenta pit.	All facilities scoring Yes to ALL the parameters set out.

Data was analysed using frequencies and percentages for categorical variables and mean and standard deviations for continuous data. Composite scores for access to water, sanitation, hygiene, waste management, HCFs environment cleanliness and partnership for WASH in HCFs using summative factoring.

GPS spatial data was entered into an excel sheet and imported into ArcView GIS for processing and scaling to produce maps showing the location of HCFs at national, regional, district, and sub-county levels.

²⁰Safe segregation of waste: The bins should be colour-coded and/or clearly labelled, no more than three quarters (75%) full, and each bin should not contain waste other than that corresponding to its label. Bins should be appropriate to the type of waste they are to contain; sharps containers should be puncture-proof and others should be leak-proof (lined). Bins for sharps waste and infectious waste should have lids.

²¹Safely stored in a protected area: Fenced area protected from flooding; lined and covered pit > 30 m from water source; and no unprotected health care waste is observed. If waste removed off site, both the site and the holding area (minus the pit) should comply with the above requirements.

Data has been presented using graphs, tables and figures in relation to key WASH in HCF indicators in different chapters. WASH related gaps in HCFs and costing as well as the respective district summaries have been presented in the annexes. Data has been segregated based on the level of the healthcare facilities, regional and ownership regime, rural and urban divide and service levels.

3.0

Results

3.1 Healthcare facility socio-demographic characteristics

Across the country, data from a total of 4,272 [3187 government and 1085 PNFPs] HCFs was analyzed. Of these 2,275 (31.3 per cent) were Health Centre II; 1566 (33.6 per cent) Health Centre (HC) III; 213 (5 per cent) Health Centre IVs; 218 (5.1 per cent) hospitals, 153(3.6 per cent) general hospitals; 52(1.2 per cent) regional referral hospitals and 13 (0.3 per cent) national referral hospitals. *Figure 1* shows that 70.7 per cent (3,021) HCFs were found in rural areas and 29.3 per cent (1,251) HCFs were located in urban areas. Relatedly north central, 450 (10.5 per cent) and south central 450 (10.5 per cent) had the highest number of HCFs while Kampala 173 (4 per cent) and Karamoja 142 (3.3 per cent) had the least number of HCFs.

Figure 1: Distribution of HCFs in the country.



Though the number of the hospitals across the country were few, most of these were from, Busoga (80), north central (16) and Lango region (16) with the least number of government and PNFP hospitals found in Kampala (4), there were no major variation in the number of hospitals across the rest of the regions.

There was a total of 71,375 healthcare workers across 4,272 HCFs with an average staffing ratio of 17 personnel across all districts. Kampala region and district had the highest average number of healthcare workers estimated at 45 followed by West Nile at 20 personnel with the least being Busoga at 11 personnel.

There were more staff on average in PNFPs compared to government HCFs estimated at an average of 21 and 15 respectively. Relatedly, more HCF workers were more concentrated in urban compared to rural areas at an estimated average of 14 and 11 respectively. The average number of staff across the targeted HCFs increased with the advancement in the level of healthcare facilities with HCII having an average of six staff, HCIII (16), HCIV (42) and hospitals (111). However, the questionnaire used to collect the data did not capture information on cadre of the staff across the healthcare facilities to assess the health facility staffing regime by cadre of staff.

Figure 2: Average distribution of healthcare staff across regions, level of HCFs and location



Table 3: Distribution of healthcare staff across regions, level of HCFs and location

Region	No Health care facilities	No of staff	Average staffing ratio
Acholi	274	4,554	17
Ankole	391	5,348	14
Bugisu	242	4,053	17
Bukedi	190	2,659	14
Bunyoro	200	3,702	19
Busoga	425	4,824	11
Kampala	173	7,732	45
Karamoja	142	2,004	14
Kigezi	344	4,476	13
Lango	173	3,021	17
North central	450	6,918	15
South central	450	7,172	16
Teso	192	3,047	16
Tooro	290	5,302	18
West Nile	336	6,563	20
Ownership			
Government	3,187	48,519	15
PNFP	1,085	22,856	21
Location			
Rural	3,024	33,019	11
Urban	1,248	17,789	14
Level of facility			
HCII	2,275	13,283	6
HCIII	1,567	25,077	16
HCIV	213	8,841	42
Hospital	217	24,174	111
National	4,272	71,375	17

3.2 Access to water:

Overall, 0.6 per cent across government and PNFP HCFs had access to safe water at an advanced level, 60.5 per cent at basic level, 21.6 per cent limited and 17.2 per cent no service at all. Across the regions, Teso (1.6 per cent), Bunyoro (1.5 per cent), West Nile (1.2 per cent) and Kampala (1.2 per cent) had the highest number of HCFs with advanced access to water while Kigezi, Karamoja, Bukedi, Bugisu and Ankole did not have a single HCF with access to water at advanced level. Soroti (8.8 per cent), Lamwo (6.9 per cent) and Kyegegwa (5.9 per cent) districts had the most number of HCFs with access to an advanced level. At total of 119 districts with Zombo, Terego and Pakwach being the last on the list in ascending order respectively did not have a single HCF with access to water at advanced level. Detailed district wise ranking in relation to access to is presented in Table 4 below.

Table 4: percentage of HCFs with access to water across districts.

Ranking	District	No of HCFs	% of HCFs with access to water/level of service			
			No service	Limited	Basic	Advanced
1	Soroti	34	20.6	32.4	38.2	8.8
2	Lamwo	29	31.0	10.3	51.7	6.9
3	Kyegegwa	17	5.9	17.6	70.6	5.9
4	Lira	35	14.3	11.4	68.6	5.7
5	Kiryandongo	21	4.8	42.9	47.6	4.8
6	Yumbe	62	12.9	19.4	62.9	4.8
7	Lyantonde	22	18.2	9.1	68.2	4.5
8	Kakumiro	23	30.4	4.3	60.9	4.3
9	Kamwenge	29	13.8	0.0	82.8	3.4
10	Moyo	29	31.0	27.6	37.9	3.4
11	Masindi	41	7.3	26.8	63.4	2.4
12	Mubende	46	21.7	13.0	63.0	2.2
13	Gulu	52	5.8	23.1	69.2	1.9
14	Kamuli	57	19.3	15.8	63.2	1.8

Ranking	District	No of HCFs	% of HCFs with access to water/level of service			
			No service	Limited	Basic	Advanced
15	Mukono	59	6.8	3.4	88.1	1.7
16	Wakiso	118	6.8	8.5	83.1	1.7
17	Kampala	173	12.7	6.9	79.2	1.2
18	Agago	44	25.0	34.1	40.9	0.0
19	Amuru	31	16.1	25.8	58.1	0.0
20	Kitgum	41	12.2	29.3	58.5	0.0
21	Nwoya	20	5.0	35.0	60.0	0.0
22	Omoro	28	0.0	10.7	89.3	0.0
23	Pader	29	17.2	62.1	20.7	0.0
24	Buhweju	23	8.7	4.3	87.0	0.0
25	Bushenyi	40	0.0	10.0	90.0	0.0
26	Ibanda	44	2.3	9.1	88.6	0.0
27	Isingiro	66	4.5	13.6	81.8	0.0
28	Kazo	21	38.1	0.0	61.9	0.0
29	Kiruhura	20	10.0	15.0	75.0	0.0
30	Mbarara	55	5.5	12.7	81.8	0.0
31	Mitooma	22	4.5	13.6	81.8	0.0
32	Ntungamo	47	14.9	23.4	61.7	0.0
33	Rwampara	17	5.9	0.0	94.1	0.0
34	Sheema	36	16.7	16.7	66.7	0.0
35	Bududa	18	27.8	11.1	61.1	0.0
36	Bukwo	22	13.6	45.5	40.9	0.0
37	Bulambuli	29	13.8	20.7	65.5	0.0

Ranking	District	No of HCFs	% of HCFs with access to water/level of service			
			No service	Limited	Basic	Advanced
38	Kapchorwa	31	16.1	35.5	48.4	0.0
39	Kween	23	39.1	34.8	26.1	0.0
40	Manafwa	10	10.0	20.0	70.0	0.0
41	Mbale	57	14.0	24.6	61.4	0.0
42	Namisindwa	21	19.0	23.8	57.1	0.0
43	Sironko	31	16.1	16.1	67.7	0.0
44	Budaka	16	0.0	43.8	56.3	0.0
45	Busia	32	3.1	12.5	84.4	0.0
46	Butaleja	24	20.8	33.3	45.8	0.0
47	Butebo	11	9.1	9.1	81.8	0.0
48	Kibuku	20	0.0	25.0	75.0	0.0
49	Pallisa	19	10.5	36.8	52.6	0.0
50	Tororo	68	19.1	32.4	48.5	0.0
51	Buliisa	12	8.3	25.0	66.7	0.0
52	Hoima	28	10.7	14.3	75.0	0.0
53	Kagadi	24	37.5	25.0	37.5	0.0
54	Kibaale	23	0.0	17.4	82.6	0.0
55	Kikuube	28	42.9	42.9	14.3	0.0
56	Bugiri	36	19.4	22.2	58.3	0.0
57	Bugweri	18	27.8	33.3	38.9	0.0
58	Buyende	25	28.0	32.0	40.0	0.0
59	Iganga	44	29.5	40.9	29.5	0.0
60	Jinja	73	4.1	19.2	76.7	0.0

Ranking	District	No of HCFs	% of HCFs with access to water/level of service			
			No service	Limited	Basic	Advanced
61	Kaliro	21	9.5	28.6	61.9	0.0
62	Luuka	38	36.8	28.9	34.2	0.0
63	Mayuge	48	37.5	27.1	35.4	0.0
64	Namayingo	32	37.5	12.5	50.0	0.0
65	Namutumba	33	33.3	42.4	24.2	0.0
66	Abim	21	57.1	9.5	33.3	0.0
67	Amudat	11	45.5	27.3	27.3	0.0
68	Kaabong	25	72.0	16.0	12.0	0.0
69	Karenga	10	30.0	20.0	50.0	0.0
70	Kotido	22	22.7	45.5	31.8	0.0
71	Moroto	19	21.1	31.6	47.4	0.0
72	Nabilatuk	6	50.0	16.7	33.3	0.0
73	Nakapiripirit	12	8.3	25.0	66.7	0.0
74	Napak	16	31.3	12.5	56.3	0.0
75	Kabale	58	8.6	43.1	48.3	0.0
76	Kanungu	51	11.8	21.6	66.7	0.0
77	Kisoro	48	4.2	6.3	89.6	0.0
78	Rubanda	38	2.6	18.4	78.9	0.0
79	Rubirizi	27	7.4	11.1	81.5	0.0
80	Rukiga	31	22.6	12.9	64.5	0.0
81	Rukungiri	91	12.1	22.0	65.9	0.0
82	Alebtong	20	30.0	20.0	50.0	0.0
83	Amolatar	12	25.0	25.0	50.0	0.0

Ranking	District	No of HCFs	% of HCFs with access to water/level of service			
			No service	Limited	Basic	Advanced
84	Apac	19	21.1	36.8	42.1	0.0
85	Dokolo	17	41.2	35.3	23.5	0.0
86	Kole	12	16.7	16.7	66.7	0.0
87	Kwania	14	21.4	28.6	50.0	0.0
88	Otuke	15	20.0	20.0	60.0	0.0
89	Oyam	29	3.4	55.2	41.4	0.0
90	Buikwe	49	2.0	18.4	79.6	0.0
91	Buvuma	12	25.0	8.3	66.7	0.0
92	Kassanda	29	6.9	10.3	82.8	0.0
93	Kayunga	25	20.0	12.0	68.0	0.0
94	Kiboga	24	33.3	4.2	62.5	0.0
95	Kyankwanzi	20	5.0	10.0	85.0	0.0
96	Luwero	62	3.2	4.8	91.9	0.0
97	Mityana	64	15.6	10.9	73.4	0.0
98	Nakaseke	26	23.1	19.2	57.7	0.0
99	Nakasongola	34	26.5	14.7	58.8	0.0
100	Bukomansimbi	16	6.3	0.0	93.8	0.0
101	Butambala	21	23.8	9.5	66.7	0.0
102	Gomba	19	15.8	5.3	78.9	0.0
103	Kalangala	18	5.6	5.6	88.9	0.0
104	Kalungu	24	4.2	4.2	91.7	0.0
105	Kyotera	43	37.2	0.0	62.8	0.0
106	Lwengo	34	8.8	2.9	88.2	0.0

Ranking	District	No of HCFs	% of HCFs with access to water/level of service			
			No service	Limited	Basic	Advanced
107	Masaka	33	0.0	3.0	97.0	0.0
108	Mpigi	32	6.3	25.0	68.8	0.0
109	Rakai	42	2.4	4.8	92.9	0.0
110	Sembabule	28	14.3	3.6	82.1	0.0
111	Amuria	24	16.7	45.8	37.5	0.0
112	Bukedea	14	7.1	28.6	64.3	0.0
113	Kaberamaido	13	7.7	30.8	61.5	0.0
114	Kalaki	11	9.1	45.5	45.5	0.0
115	Kapelebyong	15	33.3	40.0	26.7	0.0
116	Katakwi	26	26.9	30.8	42.3	0.0
117	Kumi	21	33.3	23.8	42.9	0.0
118	Ngora	12	33.3	33.3	33.3	0.0
119	Serere	22	22.7	68.2	9.1	0.0
120	Bundibugyo	26	0.0	26.9	73.1	0.0
121	Bunyangabu	23	4.3	4.3	91.3	0.0
122	Kabarole	47	21.3	12.8	66.0	0.0
123	Kasese	106	23.6	20.8	55.7	0.0
124	Kitagwenda	11	0.0	45.5	54.5	0.0
125	Kyenjojo	26	0.0	7.7	92.3	0.0
126	Ntoroko	5	40.0	20.0	40.0	0.0
127	Adjumani	48	20.8	45.8	33.3	0.0
128	Arua	33	21.2	27.3	51.5	0.0
129	Koboko	13	15.4	30.8	53.8	0.0
130	Madi-Okollo	19	21.1	15.8	63.2	0.0

Ranking	District	No of HCFs	% of HCFs with access to water/level of service			
			No service	Limited	Basic	Advanced
131	Maracha	18	33.3	5.6	61.1	0.0
132	Nebbi	26	7.7	50.0	42.3	0.0
133	Obongi	17	17.6	23.5	58.8	0.0
134	Pakwach	18	11.1	5.6	83.3	0.0
135	Terego	34	32.4	17.6	50.0	0.0
136	Zombo	19	21.1	42.1	36.8	0.0
	National	4,272	17.2	21.6	60.5	0.6

3.3 Access to sanitation

Table 5 shows the overall access to sanitation across government and PNFP HCFs in the country. Less than one in every 10 (4.1 per cent) HCFs had access to sanitation services at advanced level, 4.7 per cent at basic, 81.5 per cent at limited and 9.7 per cent don't have access to sanitation at all.

Across the regions, Kampala, West Nile and north central regions had the highest number of HCFs with access to sanitation at advanced level estimated at 34.1 per cent, 5.1 per cent and 3.3 per

cent respectively. Relatedly, Teso and Karamoja did not have any HCF with advanced access to sanitation. Across districts, Kampala (34.1 per cent), Adjumani (18.8 per cent) and Nakaseke (11.5 per cent) had the highest number of HCFs with access to sanitation services at advanced level.

A total of 94 districts across the country did not have a single HCF with access to sanitation at advanced level with Zombo and Terego districts bottom on the list. The district-based ranking in terms of access to sanitation across HCFs is indicated in Table 5.

Table 5: Percentage of HCFs with access to sanitation across districts.

Ranking	District	No of HCFs	% of HCFs with access to sanitation/ Level of service			
			No service	Limited	Basic	Advanced
1	Kampala	173	2.9	61.8	1.2	34.1
2	Adjumani	48	8.3	64.6	8.3	18.8
3	Nakaseke	26	0.0	88.5	0.0	11.5
4	Nebbi	26	0.0	84.6	3.8	11.5
5	Lira	35	0.0	85.7	2.9	11.4
6	Kikuube	28	3.6	67.9	17.9	10.7
7	Arua	33	9.1	81.8	0.0	9.1
8	Buliisa	12	8.3	75.0	8.3	8.3
9	Buikwe	49	2.0	81.6	8.2	8.2
10	Mbale	57	0.0	91.2	1.8	7.0
11	Mukono	59	1.7	91.5	0.0	6.8
12	Wakiso	118	3.4	83.9	5.9	6.8
13	Gulu	52	17.3	76.9	0.0	5.8
14	Maracha	18	27.8	61.1	5.6	5.6
15	Jinja	73	15.1	76.7	2.7	5.5
16	Nwoya	20	5.0	80.0	10.0	5.0
17	Kiruhura	20	0.0	95.0	0.0	5.0
18	Bunyangabu	23	0.0	95.7	0.0	4.3
19	Kabarole	47	8.5	76.6	10.6	4.3
20	Kiboga	24	4.2	91.7	0.0	4.2
21	Kalungu	24	4.2	87.5	4.2	4.2
22	Kayunga	25	64.0	32.0	0.0	4.0
23	Kyenjojo	26	3.8	84.6	7.7	3.8

Ranking	District	No of HCFs	% of HCFs with access to sanitation/ Level of service			
			No service	Limited	Basic	Advanced
24	Mbarara	55	0.0	87.3	9.1	3.6
25	Hoima	28	10.7	78.6	7.1	3.6
26	Kabale	58	51.7	44.8	0.0	3.4
27	Kapchorwa	31	9.7	87.1	0.0	3.2
28	Mpigi	32	0.0	93.8	3.1	3.1
29	Masaka	33	0.0	90.9	6.1	3.0
30	Tororo	68	23.5	73.5	0.0	2.9
31	Nakasongola	34	5.9	85.3	5.9	2.9
32	Kasese	106	6.6	75.5	15.1	2.8
33	Kitgum	41	7.3	90.2	0.0	2.4
34	Masindi	41	24.4	70.7	2.4	2.4
35	Agago	44	56.8	38.6	2.3	2.3
36	Iganga	44	9.1	77.3	11.4	2.3
37	Mubende	46	2.2	93.5	2.2	2.2
38	Kisoro	48	12.5	85.4	0.0	2.1
39	Yumbe	62	58.1	33.9	6.5	1.6
40	Isingiro	66	9.1	84.8	4.5	1.5
41	Rukungiri	91	2.2	76.9	19.8	1.1
42	Amuru	31	16.1	80.6	3.2	0.0
43	Lamwo	29	10.3	86.2	3.4	0.0
44	Omoro	28	28.6	71.4	0.0	0.0
45	Pader	29	3.4	89.7	6.9	0.0
46	Buhweju	23	8.7	91.3	0.0	0.0
47	Bushenyi	40	0.0	95.0	5.0	0.0

Ranking	District	No of HCFs	% of HCFs with access to sanitation/ Level of service			
			No service	Limited	Basic	Advanced
48	Ibanda	44	4.5	95.5	0.0	0.0
49	Kazo	21	0.0	100.0	0.0	0.0
50	Mitooma	22	0.0	77.3	22.7	0.0
51	Ntungamo	47	4.3	91.5	4.3	0.0
52	Rwampara	17	0.0	100.0	0.0	0.0
53	Sheema	36	19.4	77.8	2.8	0.0
54	Bududa	18	5.6	88.9	5.6	0.0
55	Bukwo	22	22.7	59.1	18.2	0.0
56	Bulambuli	29	13.8	72.4	13.8	0.0
57	Kween	23	21.7	73.9	4.3	0.0
58	Manafwa	10	10.0	80.0	10.0	0.0
59	Namisindwa	21	4.8	95.2	0.0	0.0
60	Sironko	31	6.5	90.3	3.2	0.0
61	Budaka	16	0.0	81.3	18.8	0.0
62	Busia	32	12.5	87.5	0.0	0.0
63	Butaleja	24	0.0	95.8	4.2	0.0
64	Butebo	11	0.0	90.9	9.1	0.0
65	Kibuku	20	0.0	100.0	0.0	0.0
66	Pallisa	19	5.3	84.2	10.5	0.0
67	Kagadi	24	8.3	91.7	0.0	0.0
68	Kakumiro	23	17.4	78.3	4.3	0.0
69	Kibaale	23	0.0	95.7	4.3	0.0
70	Kiryandongo	21	4.8	85.7	9.5	0.0
71	Bugiri	36	8.3	86.1	5.6	0.0

Ranking	District	No of HCFs	% of HCFs with access to sanitation/ Level of service			
			No service	Limited	Basic	Advanced
72	Bugweri	18	5.6	83.3	11.1	0.0
73	Buyende	25	4.0	96.0	0.0	0.0
74	Kaliro	21	0.0	100.0	0.0	0.0
75	Kamuli	57	1.8	96.5	1.8	0.0
76	Luuka	38	50.0	50.0	0.0	0.0
77	Mayuge	48	0.0	97.9	2.1	0.0
78	Namayingo	32	12.5	84.4	3.1	0.0
79	Namutumba	33	6.1	93.9	0.0	0.0
80	Abim	21	9.5	66.7	23.8	0.0
81	Amudat	11	18.2	81.8	0.0	0.0
82	Kaabong	25	16.0	84.0	0.0	0.0
83	Karenga	10	0.0	90.0	10.0	0.0
84	Kotido	22	9.1	90.9	0.0	0.0
85	Moroto	19	0.0	100.0	0.0	0.0
86	Nabilatuk	6	33.3	66.7	0.0	0.0
87	Nakapiripirit	12	16.7	83.3	0.0	0.0
88	Napak	16	0.0	93.8	6.3	0.0
89	Kanungu	51	2.0	96.1	2.0	0.0
90	Rubanda	38	5.3	86.8	7.9	0.0
91	Rubirizi	27	14.8	85.2	0.0	0.0
92	Rukiga	31	29.0	71.0	0.0	0.0
93	Alebtong	20	5.0	90.0	5.0	0.0
94	Amolatar	12	8.3	91.7	0.0	0.0
95	Apac	19	0.0	100.0	0.0	0.0

Ranking	District	No of HCFs	% of HCFs with access to sanitation/ Level of service			
			No service	Limited	Basic	Advanced
96	Dokolo	17	0.0	100.0	0.0	0.0
97	Kole	12	0.0	91.7	8.3	0.0
98	Kwania	14	35.7	64.3	0.0	0.0
99	Otuke	15	26.7	73.3	0.0	0.0
100	Oyam	29	0.0	100.0	0.0	0.0
101	Buvuma	12	8.3	83.3	8.3	0.0
102	Kassanda	29	0.0	89.7	10.3	0.0
103	Kyankwanzi	20	0.0	100.0	0.0	0.0
104	Luwero	62	1.6	90.3	8.1	0.0
105	Mityana	64	0.0	89.1	10.9	0.0
106	Bukomansimbi	16	12.5	81.3	6.3	0.0
107	Butambala	21	19.0	81.0	0.0	0.0
108	Gomba	19	5.3	84.2	10.5	0.0
109	Kalangala	18	11.1	88.9	0.0	0.0
110	Kyotera	43	2.3	95.3	2.3	0.0
111	Lwengo	34	17.6	76.5	5.9	0.0
112	Lyantonde	22	22.7	77.3	0.0	0.0
113	Rakai	42	4.8	83.3	11.9	0.0
114	Sembabule	28	3.6	96.4	0.0	0.0
115	Amuria	24	0.0	100.0	0.0	0.0
116	Bukedea	14	14.3	64.3	21.4	0.0
117	Kaberamaido	13	7.7	69.2	23.1	0.0
118	Kalaki	11	0.0	90.9	9.1	0.0
119	Kapelebyong	15	13.3	86.7	0.0	0.0

Ranking	District	No of HCFs	% of HCFs with access to sanitation/ Level of service			
			No service	Limited	Basic	Advanced
120	Katakwi	26	7.7	84.6	7.7	0.0
121	Kumi	21	0.0	95.2	4.8	0.0
122	Ngora	12	0.0	100.0	0.0	0.0
123	Serere	22	0.0	100.0	0.0	0.0
124	Soroti	34	5.9	94.1	0.0	0.0
125	Bundibugyo	26	11.5	80.8	7.7	0.0
126	Kamwenge	29	13.8	86.2	0.0	0.0
127	Kitagwenda	11	9.1	72.7	18.2	0.0
128	Kyegegwa	17	0.0	94.1	5.9	0.0
129	Ntoroko	5	20.0	80.0	0.0	0.0
130	Koboko	13	0.0	100.0	0.0	0.0
131	Madi-Okollo	19	10.5	84.2	5.3	0.0
132	Moyo	29	0.0	93.1	6.9	0.0
133	Obongi	17	5.9	88.2	5.9	0.0
134	Pakwach	18	5.6	88.9	5.6	0.0
135	Terego	34	52.9	44.1	2.9	0.0
136	Zombo	19	0.0	94.7	5.3	0.0
	National	4,272	9.7	81.5	4.7	4.1

3.3.1 Hand hygiene

Access to hand hygiene at Uganda's HCFs was estimated at 20.7 per cent at advanced level, 46.7 per cent at basic, 20.6 per cent at limited and 11.9 per cent without any form of access to hand hygiene services across government and PNFP HCFs in Uganda. West Nile (32.7 per cent), Busoga (31.1 per cent) and south central (28 per cent) regions had the highest number of HCFs with advanced access to effective hand hygiene services. Lango and Acholi have the least number of HCFs with advanced access to effective hand hygiene estimated at 7.5 per cent and 10.2 per cent respectively.

Table 6: Percentage of HCFs with access to effective hand hygiene practices across districts.

Ranking	District	No of HCFs	% of HCFs with access to hand hygiene practices/level of service			
			No service	Limited	Basic	Advanced
1	Terego	34	2.9	5.9	14.7	76.5
2	Kamuli	57	3.5	1.8	21.1	73.7
3	Rukiga	31	9.7	6.5	16.1	67.7
4	Hoima	28	3.6	7.1	25.0	64.3
5	Mpigi	32	6.3	9.4	25.0	59.4
6	Obongi	17	5.9	17.6	17.6	58.8
7	Madi-Okollo	19	0.0	5.3	36.8	57.9
8	Kibaale	23	4.3	0.0	39.1	56.5
9	Nebbi	26	0.0	7.7	38.5	53.8
10	Iganga	44	4.5	13.6	29.5	52.3
11	Kaabong	25	8.0	28.0	12.0	52.0
12	Pakwach	18	0.0	11.1	38.9	50.0
13	Jinja	73	4.1	16.4	32.9	46.6

Across the districts, Terego (76.5 per cent), Kamuli (73.3 per cent) and Rukiga (67.7 per cent) had the highest number of HCFs with access to effective hand hygiene services at advanced level. Almost 2 in every 10 districts (18) across the country did not have any HCF with access to effective hand hygiene services. Zombo, Koboko and Ntoroko districts were bottom of this list. Table 6 show the districts ranking system for effective hand hygiene services across HCFs.

Ranking	District	No of HCFs	% of HCFs with access to hand hygiene practices/level of service			
			No service	Limited	Basic	Advanced
14	Amuria	24	16.7	25.0	12.5	45.8
15	Wakiso	118	2.5	8.5	44.1	44.9
16	Kaliro	21	14.3	9.5	33.3	42.9
17	Kumi	21	9.5	14.3	33.3	42.9
18	Kyenjojo	26	0.0	7.7	50.0	42.3
19	Buvuma	12	0.0	8.3	50.0	41.7
20	Nwoya	20	0.0	0.0	60.0	40.0
21	Buyende	25	4.0	12.0	44.0	40.0
22	Nakaseke	26	3.8	34.6	23.1	38.5
23	Tororo	68	10.3	23.5	27.9	38.2
24	Kagadi	24	8.3	25.0	29.2	37.5
25	Bukomansimbi	16	6.3	18.8	37.5	37.5
26	Mbale	57	7.0	3.5	52.6	36.8
27	Butebo	11	18.2	36.4	9.1	36.4
28	Lyantonde	22	45.5	9.1	9.1	36.4
29	Kalaki	11	9.1	45.5	9.1	36.4
30	Serere	22	27.3	27.3	9.1	36.4
31	Yumbe	62	0.0	11.3	54.8	33.9
32	Nabilatuk	6	0.0	16.7	50.0	33.3
33	Mubende	46	2.2	19.6	45.7	32.6
34	Kotido	22	13.6	18.2	36.4	31.8
35	Buhweju	23	17.4	39.1	13.0	30.4
36	Manafwa	10	0.0	10.0	60.0	30.0
37	Kyankwanzi	20	0.0	10.0	60.0	30.0
38	Kapchorwa	31	0.0	6.5	64.5	29.0

Ranking	District	No of HCFs	% of HCFs with access to hand hygiene practices/level of service			
			No service	Limited	Basic	Advanced
39	Sironko	31	9.7	19.4	41.9	29.0
40	Abim	21	4.8	19.0	47.6	28.6
41	Buikwe	49	0.0	14.3	57.1	28.6
42	Kalangala	18	16.7	16.7	38.9	27.8
43	Maracha	18	0.0	0.0	72.2	27.8
44	Lamwo	29	13.8	27.6	31.0	27.6
45	Kapelebyong	15	53.3	6.7	13.3	26.7
46	Bushenyi	40	0.0	5.0	70.0	25.0
47	Sheema	36	22.2	19.4	33.3	25.0
48	Nakapiripirit	12	8.3	33.3	33.3	25.0
49	Amolatar	12	33.3	25.0	16.7	25.0
50	Kalungu	24	4.2	25.0	45.8	25.0
51	Moyo	29	3.4	13.8	58.6	24.1
52	Kayunga	25	4.0	12.0	60.0	24.0
53	Namisindwa	21	9.5	19.0	47.6	23.8
54	Kiryandongo	21	0.0	19.0	57.1	23.8
55	Soroti	34	26.5	29.4	20.6	23.5
56	Isingiro	66	7.6	21.2	48.5	22.7
57	Kakumiro	23	13.0	34.8	30.4	21.7
58	Namutumba	33	9.1	36.4	33.3	21.2
59	Gomba	19	0.0	21.1	57.9	21.1
60	Kamwenge	29	10.3	34.5	34.5	20.7
61	Nakasongola	34	2.9	44.1	32.4	20.6
62	Kibuku	20	5.0	15.0	60.0	20.0
63	Rakai	42	11.9	7.1	61.9	19.0

Ranking	District	No of HCFs	% of HCFs with access to hand hygiene practices/level of service			
			No service	Limited	Basic	Advanced
64	Napak	16	0.0	31.3	50.0	18.8
65	Rubanda	38	2.6	7.9	71.1	18.4
66	Amudat	11	54.5	9.1	18.2	18.2
67	Masaka	33	6.1	15.2	60.6	18.2
68	Rukungiri	91	2.2	14.3	65.9	17.6
69	Lira	35	2.9	5.7	74.3	17.1
70	Mukono	59	3.4	23.7	55.9	16.9
71	Kampala	173	6.9	10.4	65.9	16.8
72	Butaleja	24	25.0	29.2	29.2	16.7
73	Ngora	12	16.7	33.3	33.3	16.7
74	Moroto	19	0.0	42.1	42.1	15.8
75	Butambala	21	4.8	19.0	61.9	14.3
76	Bulambuli	29	6.9	27.6	51.7	13.8
77	Bunyangabu	23	0.0	17.4	69.6	13.0
78	Namayingo	32	21.9	18.8	46.9	12.5
79	Kanungu	51	35.3	19.6	33.3	11.8
80	Lwengo	34	5.9	26.5	55.9	11.8
81	Gulu	52	11.5	19.2	57.7	11.5
82	Katakwi	26	19.2	34.6	34.6	11.5
83	Bundibugyo	26	19.2	26.9	42.3	11.5
84	Ibanda	44	9.1	36.4	43.2	11.4
85	Pallisa	19	15.8	10.5	63.2	10.5
86	Adjumani	48	6.3	18.8	64.6	10.4
87	Kiruhura	20	20.0	15.0	55.0	10.0
88	Kazo	21	23.8	57.1	9.5	9.5

Ranking	District	No of HCFs	% of HCFs with access to hand hygiene practices/level of service			
			No service	Limited	Basic	Advanced
89	Bukwo	22	27.3	18.2	45.5	9.1
90	Kabale	58	20.7	12.1	58.6	8.6
91	Kabarole	47	17.0	29.8	44.7	8.5
92	Kisoro	48	14.6	18.8	58.3	8.3
93	Kole	12	16.7	16.7	58.3	8.3
94	Kiboga	24	8.3	4.2	79.2	8.3
95	Mityana	64	29.7	12.5	50.0	7.8
96	Bukedea	14	7.1	28.6	57.1	7.1
97	Kyotera	43	9.3	11.6	72.1	7.0
98	Oyam	29	17.2	41.4	34.5	6.9
99	Kassanda	29	10.3	13.8	69.0	6.9
100	Agago	44	36.4	31.8	25.0	6.8
101	Budaka	16	6.3	25.0	62.5	6.3
102	Arua	33	3.0	9.1	81.8	6.1
103	Rwampara	17	11.8	23.5	58.8	5.9
104	Kasese	106	19.8	34.0	40.6	5.7
105	Bududa	18	0.0	11.1	83.3	5.6
106	Bugweri	18	27.8	33.3	33.3	5.6
107	Apac	19	26.3	26.3	42.1	5.3
108	Kitgum	41	29.3	17.1	48.8	4.9
109	Luwero	62	9.7	32.3	53.2	4.8
110	Mitooma	22	9.1	18.2	68.2	4.5
111	Ntungamo	47	23.4	25.5	46.8	4.3
112	Rubirizi	27	14.8	7.4	74.1	3.7
113	Sembabule	28	25.0	35.7	35.7	3.6

Ranking	District	No of HCFs	% of HCFs with access to hand hygiene practices/level of service			
			No service	Limited	Basic	Advanced
114	Amuru	31	38.7	38.7	19.4	3.2
115	Bugiri	36	27.8	22.2	47.2	2.8
116	Luuka	38	7.9	0.0	89.5	2.6
117	Masindi	41	24.4	31.7	41.5	2.4
118	Mbarara	55	1.8	29.1	67.3	1.8
119	Omoro	28	14.3	14.3	71.4	0.0
120	Pader	29	3.4	82.8	13.8	0.0
121	Kween	23	17.4	30.4	52.2	0.0
122	Busia	32	15.6	43.8	40.6	0.0
123	Buliisa	12	8.3	58.3	33.3	0.0
124	Kikuube	28	0.0	3.6	96.4	0.0
125	Mayuge	48	10.4	6.3	83.3	0.0
126	Karenga	10	20.0	40.0	40.0	0.0
127	Alebtong	20	20.0	50.0	30.0	0.0
128	Dokolo	17	23.5	17.6	58.8	0.0
129	Kwania	14	35.7	28.6	35.7	0.0
130	Otuke	15	26.7	46.7	26.7	0.0
131	Kaberamaido	13	23.1	15.4	61.5	0.0
132	Kitagwenda	11	18.2	18.2	63.6	0.0
133	Kyegegwa	17	5.9	17.6	76.5	0.0
134	Ntoroko	5	0.0	60.0	40.0	0.0
135	Koboko	13	23.1	7.7	69.2	0.0
136	Zombo	19	0.0	31.6	68.4	0.0
	National	4,272	11.9	20.6	46.7	20.7

3.3.2 Environmental cleanliness

Three sub-indicators were calculated to establish environmental cleanliness across the country's HCFs. These included, training and protocol, equipment and supplies and facility hygiene. Table 8 shows that only 20.6 per cent of all HCFs both government and PNFP had advanced access to environmental cleanliness, 7.7 per cent were basic and 39.8 per cent limited while 31.9 per cent did not have access to environmental cleanliness services at all. Across the different regions, West Nile (32.4 per cent), Bunyoro (29 per cent) and north central (27.8 per cent) had the highest number of HCFs with advanced access to environmental cleanliness. Lango (7.3 per

cent), Ankole (13.3 per cent) and Karamoja (13.4 per cent) had the least number of HCFs with advanced environmental cleanliness service levels respectively.

District based ranking in terms of HCFs with access to environmental cleanliness show that Nwoya, Iganga and Zombo districts had the highest number of HCFs with advanced access to environmental cleanliness estimated at 70 per cent, 65.9 per cent and 63.2 per cent respectively. A total of 14 districts did not have a single HCF with advanced access to advanced environmental cleanliness with Koboko, Ntoroko and Bundibugyo districts bottom on the list.

Table 7: Percentage of HCFs with access to environmental cleanliness across districts.

Ranking	Districts	No of HCFs	% of HCFs observing environmental cleanliness/ Level of service			
			No service	Limited	Basic	Advanced
1	Nwoya	20	0.0	25.0	5.0	70.0
2	Iganga	44	0.0	31.8	2.3	65.9
3	Zombo	19	10.5	26.3	0.0	63.2
4	Kibaale	23	13.0	17.4	8.7	60.9
5	Manafwa	10	20.0	20.0	0.0	60.0
6	Yumbe	62	4.8	32.3	3.2	59.7
7	Buikwe	49	12.2	20.4	8.2	59.2
8	Rukiga	31	0.0	41.9	0.0	58.1
9	Kiryandongo	21	19.0	23.8	0.0	57.1
10	Kyegegwa	17	11.8	23.5	11.8	52.9
11	Mbale	57	22.8	22.8	7.0	47.4
12	Kyankwanzi	20	0.0	55.0	0.0	45.0

Ranking	Districts	No of HCFs	% of HCFs observing environmental cleanliness/ Level of service			
			No service	Limited	Basic	Advanced
13	Kalungu	24	29.2	29.2	0.0	41.7
14	Mukono	59	8.5	39.0	13.6	39.0
15	Kalangala	18	11.1	38.9	11.1	38.9
16	Kiboga	24	25.0	33.3	4.2	37.5
17	Madi-Okollo	19	21.1	42.1	0.0	36.8
18	Wakiso	118	10.2	43.2	10.2	36.4
19	Rakai	42	35.7	14.3	14.3	35.7
20	Nakasongola	34	26.5	35.3	2.9	35.3
21	Kyotera	43	11.6	48.8	4.7	34.9
22	Moyo	29	17.2	44.8	3.4	34.5
23	Kagadi	24	8.3	50.0	8.3	33.3
24	Abim	21	14.3	38.1	14.3	33.3
25	Nabilatuk	6	0.0	50.0	16.7	33.3
26	Masaka	33	12.1	42.4	12.1	33.3
27	Buyende	25	44.0	20.0	4.0	32.0
28	Gomba	19	52.6	15.8	0.0	31.6
29	Kyenjojo	26	19.2	38.5	11.5	30.8
30	Kween	23	4.3	65.2	0.0	30.4
31	Kabale	58	19.0	46.6	5.2	29.3
32	Bukedea	14	28.6	21.4	21.4	28.6
33	Pakwach	18	5.6	66.7	0.0	27.8
34	Butebo	11	27.3	36.4	9.1	27.3
35	Kampala	173	27.7	28.9	16.8	26.6
36	Terego	34	11.8	47.1	14.7	26.5
37	Rukungiri	91	28.6	41.8	3.3	26.4
38	Kapchorwa	31	16.1	58.1	0.0	25.8

Ranking	Districts	No of HCFs	% of HCFs observing environmental cleanliness/ Level of service			
			No service	Limited	Basic	Advanced
39	Ntungamo	47	19.1	46.8	8.5	25.5
40	Budaka	16	25.0	37.5	12.5	25.0
41	Hoima	28	3.6	67.9	3.6	25.0
42	Buvuma	12	16.7	58.3	0.0	25.0
43	Mityana	64	28.1	45.3	1.6	25.0
44	Kamuli	57	8.8	35.1	31.6	24.6
45	Arua	33	33.3	36.4	6.1	24.2
46	Kumi	21	28.6	47.6	0.0	23.8
47	Obongi	17	5.9	41.2	29.4	23.5
48	Kabarole	47	10.6	61.7	4.3	23.4
49	Sironko	31	19.4	51.6	6.5	22.6
50	Rubirizi	27	51.9	25.9	0.0	22.2
51	Maracha	18	16.7	55.6	5.6	22.2
52	Bunyangabu	23	17.4	60.9	0.0	21.7
53	Kikuube	28	7.1	71.4	0.0	21.4
54	Isingiro	66	16.7	59.1	3.0	21.2
55	Rubanda	38	31.6	34.2	13.2	21.1
56	Adjumani	48	22.9	45.8	10.4	20.8
57	Mbarara	55	45.5	32.7	1.8	20.0
58	Kibuku	20	0.0	80.0	0.0	20.0
59	Lira	35	48.6	25.7	5.7	20.0
60	Kayunga	25	8.0	64.0	8.0	20.0
61	Kapelebyong	15	73.3	6.7	0.0	20.0
62	Kaliro	21	52.4	23.8	4.8	19.0
63	Luuka	38	39.5	36.8	5.3	18.4
64	Serere	22	45.5	31.8	4.5	18.2

Ranking	Districts	No of HCFs	% of HCFs observing environmental cleanliness/ Level of service			
			No service	Limited	Basic	Advanced
65	Kitagwenda	11	27.3	54.5	0.0	18.2
66	Gulu	52	32.7	38.5	11.5	17.3
67	Masindi	41	14.6	65.9	2.4	17.1
68	Bududa	18	38.9	33.3	11.1	16.7
69	Buliisa	12	8.3	50.0	25.0	16.7
70	Kole	12	50.0	16.7	16.7	16.7
71	Amuria	24	29.2	45.8	8.3	16.7
72	Ngora	12	50.0	16.7	16.7	16.7
73	Kasese	106	17.9	62.3	3.8	16.0
74	Agago	44	22.7	61.4	0.0	15.9
75	Moroto	19	31.6	36.8	15.8	15.8
76	Mpigi	32	43.8	25.0	15.6	15.6
77	Kaberamaido	13	46.2	30.8	7.7	15.4
78	Katakwi	26	57.7	23.1	3.8	15.4
79	Mubende	46	6.5	76.1	2.2	15.2
80	Luwero	62	27.4	46.8	11.3	14.5
81	Sheema	36	27.8	47.2	11.1	13.9
82	Lamwo	29	41.4	31.0	13.8	13.8
83	Bulambuli	29	27.6	58.6	0.0	13.8
84	Jinja	73	12.3	58.9	15.1	13.7
85	Kanungu	51	23.5	58.8	3.9	13.7
86	Butaleja	24	54.2	16.7	16.7	12.5
87	Napak	16	31.3	31.3	25.0	12.5
88	Bukomansimbi	16	81.3	6.3	0.0	12.5
89	Tororo	68	41.2	39.7	7.4	11.8
90	Nebbi	26	19.2	61.5	7.7	11.5

Ranking	Districts	No of HCFs	% of HCFs observing environmental cleanliness/ Level of service			
			No service	Limited	Basic	Advanced
91	Pallisa	19	26.3	52.6	10.5	10.5
92	Oyam	29	82.8	6.9	0.0	10.3
93	Kiruhura	20	35.0	45.0	10.0	10.0
94	Karenga	10	40.0	30.0	20.0	10.0
95	Butambala	21	52.4	28.6	9.5	9.5
96	Busia	32	46.9	40.6	3.1	9.4
97	Mitooma	22	63.6	22.7	4.5	9.1
98	Bukwo	22	50.0	40.9	0.0	9.1
99	Kotido	22	40.9	31.8	18.2	9.1
100	Kalaki	11	45.5	9.1	36.4	9.1
101	Soroti	34	38.2	44.1	8.8	8.8
102	Buhweju	23	43.5	47.8	0.0	8.7
103	Kakumiro	23	26.1	60.9	4.3	8.7
104	Mayuge	48	54.2	22.9	14.6	8.3
105	Nakapiripirit	12	25.0	50.0	16.7	8.3
106	Nakaseke	26	38.5	50.0	3.8	7.7
107	Pader	29	41.4	51.7	0.0	6.9
108	Amuru	31	32.3	61.3	0.0	6.5
109	Rwampara	17	29.4	64.7	0.0	5.9
110	Bugweri	18	77.8	5.6	11.1	5.6
111	Apac	19	63.2	26.3	5.3	5.3
112	Bushenyi	40	50.0	20.0	25.0	5.0
113	Kitgum	41	61.0	34.1	0.0	4.9
114	Kazo	21	52.4	42.9	0.0	4.8
115	Namisindwa	21	33.3	61.9	0.0	4.8
116	Lyantonde	22	50.0	27.3	18.2	4.5

Ranking	Districts	No of HCFs	% of HCFs observing environmental cleanliness/ Level of service			
			No service	Limited	Basic	Advanced
117	Kisoro	48	54.2	39.6	2.1	4.2
118	Kaabong	25	48.0	40.0	8.0	4.0
119	Omoro	28	50.0	42.9	3.6	3.6
120	Sembabule	28	82.1	10.7	3.6	3.6
121	Kassanda	29	27.6	65.5	3.4	3.4
122	Kamwenge	29	34.5	62.1	0.0	3.4
123	Ibanda	44	25.0	72.7	2.3	0.0
124	Bugiri	36	83.3	8.3	8.3	0.0
125	Namayingo	32	46.9	46.9	6.3	0.0
126	Namutumba	33	48.5	42.4	9.1	0.0
127	Amudat	11	63.6	27.3	9.1	0.0
128	Alebtong	20	95.0	5.0	0.0	0.0
129	Amolatar	12	91.7	0.0	8.3	0.0
130	Dokolo	17	82.4	11.8	5.9	0.0
131	Kwania	14	78.6	14.3	7.1	0.0
132	Otuke	15	86.7	6.7	6.7	0.0
133	Lwengo	34	52.9	29.4	17.6	0.0
134	Bundibugyo	26	65.4	34.6	0.0	0.0
135	Ntoroko	5	20.0	80.0	0.0	0.0
136	Koboko	13	30.8	69.2	0.0	0.0
National		4,272	31.9	39.8	7.7	20.6

3.3.3 Safe medical waste disposal

Almost a quarter (23.4 per cent) of all HCFs practiced advanced safe medical waste disposal and management, about 6 in every 10 were estimated to have access to basic (55.7 per cent) access to safe medical waste disposal and management, 17.8 per cent at limited and 3.1 per cent at no service at all.

Across the demographic regions, West Nile, Acholi, Karamoja and Kampala regions had the highest number of HCFs with advanced level access to safe medical waste management estimated at 47.9 per cent, 46.7 per cent, 31 per cent and 30.1 per cent respectively. Bukedi, Bugisu and Busoga had the least number of HCFs with

advanced access to safe medical waste disposal and management estimated at 10 per cent, 13.2 per cent and 13.4 per cent respectively.

Relatedly, across the districts, Lamwo (82.8 per cent), Obongi (70.6 per cent) and Koboko (69.2 per cent) were ranked as leading with the highest number of HCFs with advanced access to safe medical waste management and disposal. A total of two districts including Dokolo and Bulisa did not have any HCF with access to safe medical waste management and disposal services. Table 9 shows the performance of the respective districts in regards to accessing safe medical waste management and disposal services from the best ranked to the least ranked.

Table 8: Percentage of HCFs with access to safe medical waste management services.

Ranking	District	No of HCFs	% of HCFs with access to safe medical waste management/level of service.			
			No service	Limited	Basic	Advanced
1	Lamwo	29	0.0	10.3	6.9	82.8
2	Obongi	17	0.0	5.9	23.5	70.6
3	Koboko	13	0.0	0.0	30.8	69.2
4	Gulu	52	3.8	7.7	26.9	61.5
5	Maracha	18	0.0	16.7	22.2	61.1
6	Terego	34	0.0	5.9	35.3	58.8
7	Kikuube	28	0.0	3.6	39.3	57.1
8	Yumbe	62	0.0	3.2	41.9	54.8
9	Kotido	22	0.0	13.6	31.8	54.5
10	Omoro	28	3.6	21.4	21.4	53.6

Ranking	District	No of HCFs	% of HCFs with access to safe medical waste management/level of service.			
			No service	Limited	Basic	Advanced
11	Madi-Okollo	19	0.0	0.0	47.4	52.6
12	Agago	44	2.3	15.9	29.5	52.3
13	Moyo	29	3.4	0.0	44.8	51.7
14	Adjumani	48	2.1	16.7	31.3	50.0
15	Pader	29	0.0	13.8	37.9	48.3
16	Mitooma	22	0.0	13.6	40.9	45.5
17	Amudat	11	9.1	9.1	36.4	45.5
18	Arua	33	0.0	12.1	45.5	42.4
19	Kyegegwa	17	0.0	11.8	47.1	41.2
20	Buikwe	49	0.0	8.2	51.0	40.8
21	Manafwa	10	0.0	20.0	40.0	40.0
22	Kapelebyong	15	6.7	20.0	33.3	40.0
23	Kibaale	23	0.0	13.0	47.8	39.1
24	Napak	16	6.3	12.5	43.8	37.5
25	Mpigi	32	0.0	3.1	59.4	37.5
26	Moroto	19	5.3	5.3	52.6	36.8
27	Masaka	33	0.0	3.0	60.6	36.4
28	Bukedea	14	0.0	21.4	42.9	35.7
29	Mbarara	55	0.0	3.6	61.8	34.5
30	Kitgum	41	4.9	29.3	31.7	34.1
31	Iganga	44	2.3	4.5	59.1	34.1
32	Gomba	19	0.0	21.1	47.4	31.6
33	Mityana	64	1.6	21.9	45.3	31.3
34	Kampala	173	0.6	16.2	53.2	30.1

Ranking	District	No of HCFs	% of HCFs with access to safe medical waste management/level of service.			
			No service	Limited	Basic	Advanced
35	Kiryandongo	21	0.0	38.1	33.3	28.6
36	Lira	35	0.0	31.4	40.0	28.6
37	Kaabong	25	4.0	28.0	40.0	28.0
38	Kitagwenda	11	0.0	0.0	72.7	27.3
39	Kyenjojo	26	0.0	3.8	69.2	26.9
40	Nebbi	26	0.0	3.8	69.2	26.9
41	Otuke	15	0.0	53.3	20.0	26.7
42	Rakai	42	0.0	2.4	71.4	26.2
43	Kakumiro	23	4.3	26.1	43.5	26.1
44	Kasese	106	0.9	24.5	49.1	25.5
45	Ngora	12	0.0	16.7	58.3	25.0
46	Luwero	62	4.8	29.0	41.9	24.2
47	Butambala	21	0.0	14.3	61.9	23.8
48	Rubanda	38	0.0	5.3	71.1	23.7
49	Wakiso	118	2.5	19.5	54.2	23.7
50	Kaberamaido	13	23.1	15.4	38.5	23.1
51	Kwania	14	7.1	35.7	35.7	21.4
52	Mbale	57	3.5	5.3	70.2	21.1
53	Amuria	24	0.0	4.2	75.0	20.8
54	Kassanda	29	0.0	20.7	58.6	20.7
55	Kamwenge	29	0.0	24.1	55.2	20.7
56	Lwengo	34	0.0	17.6	61.8	20.6
57	Mukono	59	0.0	23.7	55.9	20.3
58	Ntoroko	5	40.0	40.0	0.0	20.0

Ranking	District	No of HCFs	% of HCFs with access to safe medical waste management/level of service.			
			No service	Limited	Basic	Advanced
59	Kaliro	21	4.8	4.8	71.4	19.0
60	Abim	21	9.5	14.3	57.1	19.0
61	Kisoro	48	2.1	14.6	64.6	18.8
62	Bukomansimbi	16	12.5	12.5	56.3	18.8
63	Rubirizi	27	3.7	14.8	63.0	18.5
64	Kalaki	11	9.1	45.5	27.3	18.2
65	Bududa	18	0.0	38.9	44.4	16.7
66	Butaleja	24	0.0	45.8	37.5	16.7
67	Nabilatuk	6	0.0	16.7	66.7	16.7
68	Kole	12	0.0	16.7	66.7	16.7
69	Buvuma	12	0.0	8.3	75.0	16.7
70	Kalangala	18	0.0	5.6	77.8	16.7
71	Kalungu	24	16.7	29.2	37.5	16.7
72	Sironko	31	0.0	12.9	71.0	16.1
73	Pallisa	19	0.0	5.3	78.9	15.8
74	Luuka	38	0.0	21.1	63.2	15.8
75	Apac	19	0.0	26.3	57.9	15.8
76	Zombo	19	0.0	5.3	78.9	15.8
77	Katakwi	26	11.5	11.5	61.5	15.4
78	Bundibugyo	26	19.2	50.0	15.4	15.4
79	Alebtong	20	20.0	35.0	30.0	15.0
80	Nakasongola	34	0.0	20.6	64.7	14.7
81	Soroti	34	2.9	14.7	67.6	14.7
82	Kazo	21	14.3	23.8	47.6	14.3

Ranking	District	No of HCFs	% of HCFs with access to safe medical waste management/level of service.			
			No service	Limited	Basic	Advanced
83	Hoima	28	3.6	3.6	78.6	14.3
84	Kamuli	57	3.5	1.8	80.7	14.0
85	Kanungu	51	2.0	17.6	66.7	13.7
86	Isingiro	66	10.6	37.9	37.9	13.6
87	Lyantonde	22	0.0	27.3	59.1	13.6
88	Buhweju	23	0.0	26.1	60.9	13.0
89	Bunyangabu	23	0.0	0.0	87.0	13.0
90	Amuru	31	0.0	12.9	74.2	12.9
91	Rukiga	31	0.0	3.2	83.9	12.9
92	Ntungamo	47	0.0	4.3	83.0	12.8
93	Kabarole	47	6.4	31.9	48.9	12.8
94	Bushenyi	40	0.0	25.0	62.5	12.5
95	Busia	32	3.1	25.0	59.4	12.5
96	Kagadi	24	0.0	4.2	83.3	12.5
97	Jinja	73	1.4	12.3	74.0	12.3
98	Masindi	41	9.8	24.4	53.7	12.2
99	Rukungiri	91	0.0	11.0	76.9	12.1
100	Kayunga	25	0.0	0.0	88.0	12.0
101	Rwampara	17	5.9	35.3	47.1	11.8
102	Nakaseke	26	3.8	30.8	53.8	11.5
103	Sheema	36	13.9	19.4	55.6	11.1
104	Bugweri	18	0.0	38.9	50.0	11.1
105	Pakwach	18	0.0	5.6	83.3	11.1
106	Mubende	46	0.0	23.9	65.2	10.9

Ranking	District	No of HCFs	% of HCFs with access to safe medical waste management/level of service.			
			No service	Limited	Basic	Advanced
107	Sembabule	28	10.7	50.0	28.6	10.7
108	Mayuge	48	4.2	25.0	60.4	10.4
109	Kabale	58	0.0	3.4	86.2	10.3
110	Oyam	29	10.3	17.2	62.1	10.3
111	Nwoya	20	0.0	0.0	90.0	10.0
112	Kiruhura	20	5.0	25.0	60.0	10.0
113	Karenga	10	10.0	60.0	20.0	10.0
114	Kyankwanzi	20	5.0	10.0	75.0	10.0
115	Namisindwa	21	0.0	14.3	76.2	9.5
116	Kumi	21	0.0	47.6	42.9	9.5
117	Namayingo	32	3.1	28.1	59.4	9.4
118	Kyotera	43	2.3	7.0	81.4	9.3
119	Ibanda	44	2.3	22.7	65.9	9.1
120	Butebo	11	0.0	18.2	72.7	9.1
121	Serere	22	0.0	22.7	68.2	9.1
122	Nakapiripirit	12	41.7	33.3	16.7	8.3
123	Amolatar	12	0.0	16.7	75.0	8.3
124	Kiboga	24	0.0	0.0	91.7	8.3
125	Buyende	25	0.0	4.0	88.0	8.0
126	Tororo	68	4.4	27.9	60.3	7.4
127	Bulambuli	29	0.0	17.2	75.9	6.9
128	Kapchorwa	31	0.0	16.1	77.4	6.5
129	Budaka	16	0.0	0.0	93.8	6.3
130	Bugiri	36	16.7	19.4	58.3	5.6

Ranking	District	No of HCFs	% of HCFs with access to safe medical waste management/level of service.			
			No service	Limited	Basic	Advanced
131	Kibuku	20	0.0	10.0	85.0	5.0
132	Bukwo	22	4.5	9.1	81.8	4.5
133	Kween	23	0.0	21.7	73.9	4.3
134	Namutumba	33	6.1	24.2	66.7	3.0
135	Buliisa	12	8.3	58.3	33.3	0.0
136	Dokolo	17	11.8	35.3	52.9	0.0
National		4,272	3.1	17.8	55.7	23.4

3.4 WASH in HCFs costing in Uganda

Cost estimation of WASH services in HCFs was based on the identified WASH gaps across HCFs in the country. Using agreed rates (between the Ministry of Health-EHD and UNICEF) for providing WASH services in the country (See Table 9), the investment cost need to move HCFs from no service/limited to basic and advanced service levels respectively are presented in Table 10. Data presented under this section is an estimate which can give a good snapshot of what to expect while providing WASH in HCFs. Some costs may vary from district to district due to accessibility and other factors of doing business.

Table 9: Proposed and extracted cost estimates per items.

Component description (WASH structures (intervention areas) - HCII-HCIII, HCIV & hospital)	Unit cost (US\$)	Quantity	Amount (US\$)
Access to safe and clean water			
Drilling a deep borehole	8,108	1	8,108
Motorization of existing borehole for piped water system	14,725	1	14,725
Installation of elevated water tank	8,108	1	8,108
Water and sanitation works (internal pipelining and drainage system)	9,203	1	9,203
Installation of water service points (at major points of care)	100	5	500

Component description (WASH structures (intervention areas) - HCII-HCIII, HCIV & hospital)	Unit cost (US\$)		Quantity	Amount (US\$)
Installation of water service points (at major points of care) to patients (hand washing basin)	100		50	500
Access to safely managed sanitation		OPD	IPD	
Drainable 4-stance pit latrine, gender segregated with washroom, urinal and PWD stance - patients/care givers	7,594	1	1	7,594
Drainable 4-stance pit latrine, gender segregated with washroom, urinal and PWD stance - staff	7,594	1	1	7,594
Drainable 4-stance pour flush toilet block, gender segregated with washroom, urinal and PWD stance - staff	8,500	1	1	8,500
Drainable 4-stance pour flush toilet block with washroom, PWD stance - for women	8,500	1	1	8,500
Drainable 4-stance pour flush toilet block with urinal, shower and PWD stance - for men	8,500	1	1	8,500
4-stance flushing gender segregated toilet unit (including: bath shelter, urinal, PWD and washroom) - patients/caregivers	10,000	2	2	40,000
4-stance flushing gender segregated toilet unit (including bath shelter, urinal, PWD and washroom) - staff	10,000	2	2	40,000
Installation of hand washing facilities at each toilet	100		1	100
Connection to a sewerage connection	100,000	1		100,000
Hand hygiene at all points of care ²²				
Functional hand hygiene facility ²³ installations (portable/ sink)	120		1	120
Functional hand hygiene facility installations (hand wash basins)	200		1	200
Functional hand hygiene facility installations (gate)	10		1	10
Hygiene monitoring	100		1	100

²²Points of care - any location of out/inpatient setting where care or treatment is delivered eg consultation room, examination, triage room, treatment room, maternity/theatre

²³Functional hand hygiene facility installations has; water, soap/alcohol based and hand rub

Component description (WASH structures (intervention areas) - HCII-HCIII, HCIV & hospital)	Unit cost (US\$)	Quantity	Amount (US\$)
Safe medical waste management			
Collection			
Large waste bins (yellow, red, black, brown) for OPD, maternity, general, & lab. 120 litre plastic with cover	200	Cartoon (set of 4)	200
Small containers (yellow, red, black, brown) for OPD, maternity, general, & lab. 20 litre plastic with cover	100	Cartoon (set of-4)	100
Plastic black kavera (bin liners) - big	100	Carton	100
Plastic black kavera (bin liners) - small	50	Carton	50
Waste facility for temp. storage shade	2,500	Shelter	2,500
Treatment & disposal			
Autoclaving/sterilization for highly infectious waste (neto pans, bottles, flasks -100 litre	2,000	Set of 5	2000
Solar chlorine generator (2 sets to each HCF)	2,000	Set of 2 for HCF	2000
Protection (protective) gear (overall heavy-duty gloves, gumboots, masks) - light works	50	Set of 5	50
Incinerator (MaKIII)	5,000	Complete	5,000
Incinerator (MaKIV) + Ash pit	17,207	Complete	17,207
Incinerator (MAK VIB) + Ash pit	26,451	Complete	26,451
Placenta pit (small)	2,027	Complete	2,027
Placenta pit (large)	2,297	Complete	2,297
Environmental cleanliness			
IPC TRAINING			
Composition/establishment of committee	100	Committee @ 10 pple	100
Committee training	500	Committee @ 10 pple	500
Equipment and supplies			
Cleaning equipment (mops, buckets, squeezers, wheel barrows etc.)	100	Assorted	100

Component description (WASH structures (intervention areas) - HCII-HCIII, HCIV & hospital)	Unit cost (US\$)	Quantity	Amount (US\$)
PPE materials (overalls, gumboots, gloves, & glasses) – heavy-duty works	150	Assorted	150
Cleaning supplies (soap, detergents, sundries, etc.)	1,000	Assorted	1,000
Cleaning protocols & IEC			
Duty rosters (production, printing & distribution)	20	Assorted	20
IEC materials (production, printing & distribution)	100	Assorted	100
IPC protocol (production, printing & distribution)	50	Assorted	50

The total funding gap across the five WASH in HCFs service levels (access to safe water, safely managed sanitation, hand hygiene, safe medical waste management and environmental cleanliness) from no service and limited to basic and advance service levels respectively is approximately UGX 656 billion. Across HCFs level, HCIIIs and HCIIIs had slightly more than half of the national funding gap to move from no service/limited to basic and advanced level. Access to sanitation had the highest funding gap estimated at UGX 367 billion, followed by access to water and environmental cleanliness estimated at UGX 127 billion and 126 billion respectively and access to safe medical waste management estimated at UGX 25 billion. Access to effective hand hygiene had the least funding gaps estimated at UGX 9 billion (See *Table 10*).

Table 10: WASH in HCFs funding gap in US\$ and UGX.

WASH in HCFs service	Total Investment per WASH service (US\$)	Total investment per WASH service UGX
Access to water	34,952,498	127,576,617,700.0
Access to sanitation	100,582,566	367,126,365,900.0
Access to hand hygiene	2,548,145	9,300,729,250.0
Access to environmental cleanliness	34,700,162	126,655,591,300.0
Medical waste management	7,050,674	25,734,959,078.0
National/overall	179,834,045	656,394,263,228.0

Across the districts, however, Kampala, Nakasongola, Kabale, Wakiso and Kasese had the highest funding gap for improving access to WASH services in HCFs from limited or no service at all to advanced level estimated at UGX 28 billion, 21.6 billion, 16.2 billion and 15.6 billion and 15.5 respectively. Districts like Ntoroko, Nabilatuk, Manafwa and Buvuma had the least WASH in HCFs funding gaps estimated at UGX 1.2 billion, 1.3 billion, 1.4 billion and 1.5 billion respectively (See Table 11).

Table 11: WASH in HCFs funding gap in US\$ and UGX

District	HCFs level	WASH in HCFs service indicators					Total investment gap for WASH in HCFs (UGX): US\$1 = UGX3,650
		Total investment gap for access to water (US\$)	Total investment gap for access to sanitation (US\$)	Total investment gap for effective hand hygiene (US\$)	Total investment gap for environmental cleanliness (US\$)	Total investment gap for medical waste management (US\$)	
Abim							
	HCII	109,016	370,112	5,120	87,000	31,470	602,718
	HCIII	5,418	69,146	2,300	23,054	2,222	102,140
	Hospital	48,773	40,000	1,260	33,451	0	123,484
Adjumani							
	HCII	185,600	633,108	11,980	175,000	37,360	1,043,048
	HCIII	298,956	205,038	14,650	114,297	6,666	639,607
	HCIV	89,417	68,800	2,510	53,008	5,333	219,068
Agago							
	Hospital	48,773	0	0	0	0	48,773
	HCII	171,190	687,466	10,580	189,000	35,000	1,093,236
Alebtong							
	HCIII	256,506	296,166	13,100	90,270	6,666	662,708
	Hospital	2,167	0	1,360	0	0	3,527
Kasese							
	HCII	50,454	185,456	2,880	56,000	11,440	306,230
	HCIII	175,218	251,002	12,150	99,297	22,220	559,887
	HCIV	1,987	34,000	1,155	24,207	2,666	64,015

Amolatar							709,052	2,588,040,238
	HCII	10,817	92,728	1,080	28,000	7,910	140,535	512,952,750
	HCIII	166,188	136,692	4,300	59,162	11,110	377,452	1,377,699,800
	HCIV	1,987	34,000	1,155	24,207	2,666	64,015	233,654,750
	Hospital	48,773	40,000	1,360	33,451	3,466	127,050	463,732,938
Amudat							618,995	2,259,332,480
	HCII	33,335	115,910	1,540	35,000	5,890	191,675	699,613,750
	HCIII	162,576	91,128	4,200	41,108	6,666	305,678	1,115,724,700
	HCIV	3,973	68,000	1,255	48,414	0	121,642	443,994,030
Amuria							1,082,185	3,949,974,520
	HCII	90,091	278,184	2,260	84,000	20,200	474,735	1,732,782,750
	HCIII	136,380	250,602	6,500	68,189	19,998	481,669	1,758,091,850
	Hospital	48,773	40,000	1,260	35,748	0	125,781	459,099,920
Amuru							1,263,005	4,609,966,790
	HCII	90,110	463,640	7,300	140,000	37,870	738,920	2,697,058,000
	HCIII	134,574	228,220	9,950	72,216	17,776	462,736	1,688,986,400
	HCIV	1,987	34,000	1,155	24,207	0	61,349	223,922,390
Apac							866,012	3,160,942,048
	HCII	68,476	278,184	4,620	84,000	19,350	454,630	1,659,399,500
	HCIII	127,350	136,692	5,650	50,135	11,110	330,937	1,207,920,050
	Hospital	2,167	40,000	1,360	33,451	3,466	80,445	293,622,498
Arua							1,571,398	5,735,602,846
	HCII	53,163	255,002	3,940	63,000	17,840	392,945	1,434,249,250
	HCIII	380,244	364,512	19,350	113,324	15,554	892,984	3,259,391,600
	HCIV	48,682	68,000	3,765	74,918	2,666	198,031	722,813,150
	Hospital	4,334	40,000	2,720	33,451	6,933	87,438	319,148,846

Budaka							872,010	3,182,835,040
	HCII	903	23,182	460	0	2,020	26,565	96,962,250
	HCIII	295,344	296,966	14,450	109,297	28,886	744,943	2,719,041,950
	HCIV	3,973	68,400	1,255	24,207	2,666	100,502	366,830,840
Bududa							764,719	2,791,222,598
	HCII	43,249	177,462	3,680	54,000	11,950	290,341	1,059,744,650
	HCIII	93,930	205,038	9,100	68,189	17,776	394,033	1,438,220,450
	Hospital	2,167	40,000	1,260	33,451	3,466	80,345	293,257,498
Bugiri							1,420,107	5,183,388,798
	HCII	131,553	594,738	10,660	187,000	46,950	970,901	3,543,788,650
	HCIII	14,448	182,256	7,650	82,216	17,776	304,346	1,110,862,900
	HCIV	1,987	34,400	1,255	24,207	2,666	64,515	235,479,750
	Hospital	2,167	40,000	1,260	33,451	3,466	80,345	293,257,498
Bugweri							831,340	3,034,390,270
	HCII	67,573	247,008	4,160	82,000	19,520	420,261	1,533,952,650
	HCIII	86,706	113,910	5,550	50,135	8,888	265,189	967,939,850
	HCIV	46,695	68,400	1,255	24,207	5,333	145,890	532,497,770
Buhweju							837,225	3,055,871,250
	HCII	32,451	278,184	3,800	84,000	21,710	420,145	1,533,529,250
	HCIII	16,254	205,038	5,350	72,216	15,554	314,412	1,147,603,800
	HCIV	3,973	68,000	1,155	24,207	5,333	102,668	374,738,200
Buikwe							1,560,234	5,694,853,370
	HCII	92,838	679,472	11,360	108,000	43,760	935,430	3,414,319,500
	HCIII	25,284	251,402	9,100	46,108	15,554	347,448	1,268,185,200
	HCIV	1,987	34,000	0	0	0	35,987	131,351,090
	Hospital	53,107	120,000	1,360	66,902	0	241,369	880,997,580

Bukedea							617,332	2,253,261,070
	HCII	27,033	139,092	1,900	40,000	9,590	217,615	794,294,750
	HCIII	88,512	137,092	6,800	41,108	8,888	282,400	1,030,760,000
	HCIV	1,987	34,400	1,255	0	0	37,642	137,391,840
	Hospital	2,167	40,400	1,360	35,748	0	79,675	290,814,480
Bukomansimbi							583,142	2,128,468,300
	HCII	4,515	115,910	1,180	35,000	7,740	164,345	599,859,250
	HCIII	58,704	251,002	7,850	81,243	19,998	418,797	1,528,609,050
Bukwo							934,097	3,409,454,780
	HCII	92,800	331,742	6,000	105,000	29,790	565,332	2,063,461,800
	HCIII	86,706	114,310	4,500	36,108	11,110	252,734	922,479,100
	HCIV	1,987	34,000	0	0	2,666	38,653	141,083,450
	Hospital	2,167	40,400	1,360	33,451	0	77,378	282,430,430
Bulambuli							1,204,749	4,397,332,390
	HCII	54,066	270,190	4,000	84,000	23,730	435,986	1,591,348,900
	HCIII	184,248	365,312	15,800	108,324	33,330	707,014	2,580,601,100
	HCIV	1,987	34,400	1,155	24,207	0	61,749	225,382,390
Buliisa							634,637	2,316,425,488
	HCII	10,817	92,728	1,540	21,000	7,570	133,655	487,840,750
	HCIII	47,868	91,528	5,550	51,108	11,110	207,164	756,148,600
	HCIV	89,417	68,000	2,310	48,414	5,333	213,474	779,178,640
	Hospital	2,167	40,000	1,260	33,451	3,466	80,345	293,257,498
Bundibugyo							1,277,351	4,662,330,128
	HCII	27,052	324,548	5,740	98,000	26,070	481,410	1,757,146,500
	HCIII	167,994	160,274	5,450	63,189	13,332	410,239	1,497,372,350
	HCIV	48,682	102,000	2,410	72,621	2,666	228,379	833,583,350
	Hospital	4,334	80,000	2,620	66,902	3,466	157,323	574,227,928

Bunyangabu							820,780	2,995,847,000
	HCII	14,429	185456	3,120	49,000	16,160	268,165	978,802,250
	HCIII	64,122	296,166	13,500	90,270	24,442	488,500	1,783,025,000
	HCIV	1,987	34,000	1,255	24,207	2,666	64,115	234,019,750
Bushenyi							1,601,335	5,844,874,210
	HCII	42,384	525192	7,160	157,000	41,230	772,966	2,821,325,900
	HCIII	62,316	296,566	12,650	142,351	26,664	540,547	1,972,996,550
	HCIV	3,973	68,000	1,255	50,711	5,333	129,272	471,842,800
	Hospital	4,334	80,000	2,720	71,496	0	158,550	578,708,960
Busia							1,244,964	4,544,117,286
	HCII	45074	417,276	6,880	131,000	33,150	633,380	2,311,837,000
	HCIII	58704	250,602	12,150	81,243	19,998	422,697	1,542,844,050
	HCIV	1,987	34,000	1,255	24,207	0	61,449	224,287,390
	Hospital	4,334	80,000	2,720	33,451	6,933	127,438	465,148,846
Butaleja							1,142,806	4,171,241,170
	HCII	66,670	231,820	3,900	73,000	19,010	394,400	1,439,560,000
	HCIII	177,024	273,784	8,800	100,270	17,776	577,654	2,108,437,100
	HCIV	46,695	68,000	2,310	48,414	5,333	170,752	623,244,070
Butambala							912,500	3,330,625,438
	HCII	38,753	255,002	4,300	77,000	21,710	396,765	1,448,192,250
	HCIII	93,930	205,038	9,000	73,189	8,888	390,045	1,423,664,250
	Hospital	48,773	40,000	0	33,451	3,466	125,690	458,768,938
Butebo							496,035	1,810,528,188
	HCII	9,914	69,546	720	21,000	5,890	107,070	390,805,500
	HCIII	47,868	113,910	3,150	32,081	11,110	208,119	759,634,350
	HCIV	3,973	68,400	1,255	24,207	2,666	100,502	366,830,840
	Hospital	2,167	40,000	1,260	33,451	3,466	80,345	293,257,498

Buvuma								
	HCII	35,141	154,280	1,280	35,000	11,950	237,651	867,426,150
	HCIII	7,224	91,128	3,450	36,108	8,888	146,798	535,812,700
	HCIV	1,987	34,000	1,255	0	0	37,242	135,931,840
Buyende							958,679	3,499,176,890
	HCII	117,124	417,276	4,760	103,000	36,190	678,350	2,475,977,500
	HCIII	49,674	136,692	3,350	18,054	11,110	218,880	798,912,000
	HCIV	1,987	34,000	1,255	24,207	0	61,449	224,287,390
Dokolo							845,334	3,085,469,100
	HCII	73,875	231,820	4,100	70,000	19,350	399,145	1,456,879,250
	HCIII	166,188	136,692	6,800	59,162	13,332	382,174	1,394,935,100
	HCIV	1,987	34,000	1,155	24,207	2,666	64,015	233,654,750
Gomba							676,680	2,469,880,540
	HCII	28,839	185,456	2,560	56,000	15,820	288,675	1,053,663,750
	HCIII	56,898	228,220	9,000	45,135	11,110	350,363	1,278,824,950
	HCIV	1,987	34,400	1,255	0	0	37,642	137,391,840
Gulu							2,046,863	7,471,048,490
	HCII	100,946	718,642	11,680	204,000	22,220	1,057,488	3,859,831,200
	HCIII	221,280	318,948	15,900	118,324	17,776	692,228	2,526,632,200
	HCIV	1,987	34,000	1,155	26,504	2,666	66,312	242,038,800
	Hospital	6,502	120,000	3,980	100,353	0	230,835	842,546,290
Hoima							1,046,844	3,820,980,600
	HCII	49,570	339,736	2,100	98,000	27,940	517,346	1,888,312,900
	HCIII	56,898	228,220	3,350	50,135	17,776	356,379	1,300,783,350
	HCIV	46,695	68,000	2,510	48,414	5,333	170,952	623,974,070
	Hospital	2,167	0	0	0	0	2,167	7,910,280

Ibanda								
	HCII	57716	741,824	11,740	224,000	60,750	1,670,161	6,096,086,920
	HCIII	55092	205,038	8,900	86,243	17,776	1,096,030	4,000,509,500
	HCIV	3,973	68,000	2,410	48,414	2,666	373,049	1,361,628,850
	Hospital	2,167	40,000	0	33,451	0	75,618	457,942,140
Iganga								
	HCII	200,913	702,654	7,020	103,000	37,870	1,051,457	3,837,818,050
	HCIII	252,894	251,802	3,450	9,027	19,998	537,171	1,960,674,150
	HCIV	44,708	0	1,255	0	2,666	48,630	177,498,770
	Hospital	2,167	40,000	0	0	0	42,167	153,910,280
Isingiro								
	HCII	118,987	1,004,020	15,260	271,000	72,340	1,481,607	5,407,865,550
	HCIII	71,346	387,294	13,300	104,297	33,330	609,567	2,224,919,550
	HCIV	7,946	136,400	3,665	72,621	10,666	231,298	844,237,700
Jinja								
	HCII	135,184	864,928	9,120	292,000	71,700	1,372,932	5,011,201,800
	HCIII	115,602	455,640	13,600	145,405	37,774	768,021	2,803,276,650
	HCIV	9,933	170,000	3,565	123,332	10,666	317,496	1,158,858,940
	Hospital	66,110	240,000	2,620	234,157	24,264	567,152	2,070,103,486
Kaabong								
	HCII	145,944	417,276	3,080	131,000	28,940	726,240	2,650,776,000
	HCIII	166,188	136,692	3,250	50,135	6,666	362,931	1,324,698,150
	Hospital	2,167	40,000	1,260	33,451	0	76,878	280,605,430
Kabale								
	HCII	217,148	927,280	15,980	246,000	78,440	1,453,954	5,419,695,200
	HCIII	177,024	273,384	13,400	63,189	19,998	2,199,216	8,027,138,400
	HCIV	50,668	136,000	3,765	0	10,666	739,674	2,699,810,100
	Hospital	2,167	0	0	33,451	0	30,216	110,288,400

Kabarole								2,180,907	7,960,311,134
	HCII	76584	270,190	5080	84,000	23,560	459,414	1,676,861,100	
	HCIII	313404	502,004	22,200	158,459	46,662	1,042,729	3,805,960,850	
	HCIV	9,933	170,000	6,075	72,621	13,332	271,961	992,657,650	
	Hospital	13,003	240,800	6,500	136,101	10,399	406,803	1,484,831,534	
Kaberamaido								636,067	2,321,643,820
	HCII	10,817	92,728	1,640	28,000	7,910	141,095	514,996,750	
	HCIII	130,962	183,456	8,900	68,189	13,332	404,839	1,477,662,350	
	Hospital	48,773	40,000	1,360	0	0	90,133	328,984,720	
Kagadi								1,072,932	3,916,202,238
	HCII	82,886	278,184	2,620	63,000	22,050	448,740	1,637,901,000	
	HCIII	212,250	227,820	6,700	73,189	19,998	539,957	1,970,843,050	
	HCIV	1,987	34,000	1,255	0	0	37,242	135,931,840	
	Hospital	2,167	40,000	1,360	0	3,466	46,994	171,526,348	
Kakumiro								1,102,370	4,023,649,478
	HCII	27,033	154,280	1,900	35,000	11,610	229,823	838,853,950	
	HCIII	217,668	296,166	10,900	122,351	22,220	669,305	2,442,963,250	
	HCIV	3,973	68,000	2,410	48,414	0	122,797	448,209,780	
	Hospital	2,167	40,000	1,360	33,451	3,466	80,445	293,622,498	
Kalaki								515,243	1,880,637,680
	HCII	33,335	115,910	1,800	35,000	7,570	193,615	706,694,750	
	HCIII	86,706	113,910	2,200	65,135	11,110	279,061	1,018,572,650	
	Hospital	2,167	40,400	0	0	0	42,567	155,370,280	
Kalangala								675,937	2,467,170,050
	HCII	14,429	185,456	2,100	47,000	13,970	262,955	959,785,750	
	HCIII	53,286	182,256	6,600	27,081	13,332	282,555	1,031,325,750	
	HCIV	3,973	68,000	2,410	50,711	5,333	130,427	476,058,550	

Kaliro							795,692	2,904,274,340
	HCII	60,368	255002	2,820	63,000	19,860	401,050	1,463,832,500
	HCIII	55,092	205,038	4,500	77,216	15,554	357,400	1,304,510,000
	HCIV	1,987	34,000	1,255	0	0	37,242	135,931,840
Kalungu							787,831	2,875,583,880
	HCII	23,440	208638	3,280	56,000	17,330	308,688	1,126,711,200
	HCIII	21,672	273,784	10,050	45,135	22,220	372,861	1,360,942,650
	HCIV	1,987	34,000	1,255	24,207	2,666	64,115	234,019,750
	Hospital	2,167	40,000	0	0	0	42,167	153,910,280
Kampala							7,730,531	28,216,438,296
	HCII	173,956	1,189,476	20,260	322,000	103,680	1,809,372	6,604,207,800
	HCIII	170,694	546,768	23,850	145,405	64,438	951,155	3,471,715,750
	HCIV	50,668	68,000	3,665	74,918	7,999	205,250	749,163,960
	Hospital	779,249	1,440,000	98,940	2,318,311	128,254	4,764,754	17,391,350,786
Kamuli							2,179,988	7,956,955,178
	HCII	171,209	880,916	4,760	284,000	70,530	1,411,415	5,151,664,750
	HCIII	64,122	318,948	4,600	106,243	24,442	518,355	1,891,995,750
	HCIV	3,973	102,400	0	50,711	5,333	162,417	592,822,050
	Hospital	4,334	80,000	0	0	3,466	87,801	320,472,628
Kamwenge							1,087,813	3,970,517,450
	HCII	36,063	370,912	6,200	112,000	29,620	554,795	2,025,001,750
	HCIII	60,510	273,384	8,600	99,297	17,776	459,567	1,677,419,550
	Hospital	0	40,000	0	33,451	0	73,451	268,096,150
Kanungu							2,124,506	7,754,446,900
	HCII	114,453	718,642	11,180	227,000	59,240	1,130,515	4,126,379,750
	HCIII	221,280	341,730	14,150	81,243	26,664	685,067	2,500,494,550
	HCIV	5,960	102,000	3,565	72,621	5,333	189,479	691,596,890
	Hospital	4,334	80,400	1,260	33,451	0	119,445	435,975,710

Kapchorwa							1,347,009	4,916,582,850
	HCII	81,099	417276	5,320	105,000	35,510	644,205	2,351,348,250
	HCIII	252,894	250,602	10,350	72,216	24,442	610,504	2,228,339,600
	Hospital	50,940	40,000	1,360	0	0	92,300	336,895,000
Kapelebyong							630,024	2,299,587,600
	HCII	73,875	231820	3,440	70,000	11610	390,745	1,426,219,250
	HCIII	84,900	91,128	2,100	18,054	4444	200,626	732,284,900
	HCIV	1,987	34,000	0	0	2666.4	38,653	141,083,450
Karenga							467,463	1,706,239,950
	HCII	27,033	131098	2,460	45,000	9,420	215,011	784,790,150
	HCIII	83,094	68,346	3,150	27,081	6,666	188,337	687,430,050
	HCIV	1,987	34,000	1,255	24,207	2,666	64,115	234,019,750
Kasese							4,262,066	15,556,541,630
	HCII	308,161	1374132	22,980	404,000	107,700	2,216,973	8,091,951,450
	HCIII	457,008	846,134	39,600	271,783	51,106	1,665,631	6,079,553,150
	HCIV	48,682	102,800	3,565	50,711	2,666	208,424	760,747,600
	Hospital	53,107	80,400	4,080	33,451	0	171,038	624,289,430
Kassanda							1,106,438	4,038,499,430
	HCII	45977	440,458	7,580	133,000	37,360	664,375	2,424,968,750
	HCIII	53286	183,056	8,050	63,189	8,888	316,469	1,155,111,850
	HCIV	3,973	68,400	2,510	50,711	0	125,594	458,418,830
Katakwi							1,202,026	4,387,393,148
	HCII	86498	370,912	6,000	110,000	27,600	601,010	2,193,686,500
	HCIII	208638	183,056	7650	45,135	13,332	457,811	1,671,010,150
	HCIV	1,987	34,000	0	24,207	2,666	62,860	229,439,000
	Hospital	2,167	40,000	1,260	33,451	3,466	80,345	293,257,498

Kayunga							1,049,349	3,830,124,580
	HCII	38,753	255,002	3,380	70,000	22,220	389,355	1,421,145,750
	HCIII	134,574	227,820	9,100	100,270	19,998	491,762	1,794,931,300
	HCIV	46,695	68,000	2,510	0	5,333	122,538	447,262,970
	Hospital	4,334	40,000	1,360	0	0	45,694	166,784,560
Kazo							844,584	3,082,731,600
	HCII	54,969	301,366	4,680	91,000	23,220	475,235	1,734,607,750
	HCIII	90,318	159,474	5,350	63,189	11,110	329,441	1,202,459,650
	HCIV	1,987	34,000	1,255	0	2,666	39,908	145,664,200
Kibaale							785,061	2,865,471,190
	HCII	21,634	185,456	1,740	35,000	9,930	253,760	926,224,000
	HCIII	102,960	319,348	6,900	46,108	19,998	495,314	1,807,896,100
	HCIV	1,987	34,000	0	0	0	35,987	131,351,090
Kiboga							983,981	3,591,529,920
	HCII	41,462	324,548	5,680	77,000	26,260	474,950	1,733,567,500
	HCIII	169,800	182,256	8,050	41,108	17,776	418,990	1,529,313,500
	HCIV	1,987	34,000	1,255	0	2,666	39,908	145,664,200
	Hospital	48,773	0	1,360	0	0	50,133	182,984,720
Kibuku							807,673	2,948,006,450
	HCII	26,130	115,910	2,200	28,000	7,910	180,150	657,547,500
	HCIII	102,960	318,948	12,350	99,297	31,108	564,663	2,061,019,950
	HCIV	1,987	34,000	0	24,207	2,666	62,860	229,439,000
Kikuube							1,418,753	5,178,446,990
	HCII	90,994	262,196	5,880	77,000	11,950	448,020	1,635,273,000
	HCIII	530,178	274,584	16,100	99,297	13,332	933,491	3,407,242,150
	HCIV	1,987	34,000	1,255	0	0	37,242	135,931,840

Kiruhura							846,598	3,090,083,138
	HCII	27,936	162,274	2,820	49,000	13,800	255,830	933,779,500
	HCIII	97,542	227,820	10,050	91,243	22,220	448,875	1,638,393,750
	HCIV	1,987	34,000	1,255	24,207	0	61,449	224,287,390
	Hospital	2,167	40,000	1,360	33,451	3,466	80,445	293,622,498
Kiryandongo							782,122	2,854,746,760
	HCII	67,573	247,008	4,760	42,000	16,990	378,331	1,380,908,150
	HCIII	90,318	182,656	3,350	27,081	13,332	316,737	1,156,090,050
	Hospital	4,334	80,000	2,720	0	0	87,054	317,748,560
Kisoro							1,881,083	6,865,951,490
	HCII	45,074	417,276	7,220	126,000	35,340	630,910	2,302,821,500
	HCIII	83,988	546,768	25,550	207,621	44,440	908,367	3,315,539,550
	HCIV	5,960	102,000	3,665	72,621	2,666	186,912	682,229,530
	Hospital	4,334	80,000	1,360	69,199	0	154,893	565,360,910
Kitagwenda							511,923	1,868,518,950
	HCII	18,022	92,728	1,640	28,000	6,060	146,450	534,542,500
	HCIII	127,350	137,492	6,700	45,135	8,888	325,565	1,188,312,250
	HCIV	1,987	34,000	1,255	0	2,666	39,908	145,664,200
Kitgum							1,776,040	6,482,544,686
	HCII	109,938	602,732	10,460	182,000	38,360	943,490	3,443,738,500
	HCIII	173,412	227,820	11,100	81,243	8,888	502,463	1,833,989,950
	HCIV	46,695	68,000	1,255	48,414	2,666	167,030	609,660,960
	Hospital	6,502	80,000	2,720	66,902	6,933	163,056	595,155,276
Koboko							627,491	2,290,342,880
	HCII	25,227	92,728	1,540	28,000	4,040	151,535	553,102,750
	HCIII	130,962	182,256	9,100	72,216	4,444	398,978	1,456,269,700
	Hospital	2,167	40,000	1,360	33,451	0	76,978	280,970,430

Kole							521,068	1,901,897,470
	HCII	18,925	115,910	2,000	40,000	5,720	182,555	666,325,750
	HCIII	49,674	137,092	5,650	50,135	13,332	255,883	933,972,950
	HCIV	44,708	34,000	1,255	0	2,666	82,630	301,598,770
Kotido							998,222	3,643,510,300
	HCII	90,994	301,366	3,740	106,000	15,820	517,920	1,890,408,000
	HCIII	169,800	182,256	5,550	54,162	2,222	413,990	1,511,063,500
	HCIV	1,987	34,000	1,155	26,504	2,666	66,312	242,038,800
Kumi							1,035,758	3,780,517,868
	HCII	52,260	231,820	1,800	63,000	19,520	368,400	1,344,660,000
	HCIII	247,476	182,656	8,050	54,162	17,776	510,120	1,861,938,000
	HCIV	1,987	34,000	0	0	0	35,987	131,351,090
	Hospital	4,334	80,000	0	33,451	3,466	121,252	442,568,778
Kwania							602,622	2,199,568,840
	HCII	48,648	139,092	2,160	42,000	11,270	243,170	887,570,500
	HCIII	51,480	159,474	7,750	68,189	11,110	298,003	1,087,710,950
	HCIV	1,987	34,000	1,255	24,207	0	61,449	224,287,390
Kween							1,123,993	4,102,575,910
	HCII	76,584	293,372	5,180	84,000	25,580	484,716	1,769,213,400
	HCIII	288,120	205,038	10,050	36,108	19,998	559,314	2,041,496,100
	HCIV	44,708	34,000	1,255	0	0	79,963	291,866,410
Kyankwanzi							683,164	2,493,547,140
	HCII	23,440	231,820	3,120	56,000	19,860	334,240	1,219,976,000
	HCIII	55,092	205,038	7,950	27,081	17,776	312,937	1,142,220,050
	HCIV	1,987	34,000	0	0	0	35,987	131,351,090
Kyegegwa							619,388	2,260,764,740
	HCII	20,731	154,280	3,020	21,000	11,780	210,811	769,460,150
	HCIII	92,124	205,038	10,150	55,135	8,888	371,335	1,355,372,750
	HCIV	1,987	34,000	1,255	0	0	37,242	135,931,840

Kyenjojo							991,734	3,619,827,348
	HCII	6,321	139,092	1,380	47,000	12,120	205,913	751,582,450
	HCIII	65,928	342,130	12,450	109,297	22,220	552,025	2,014,891,250
	HCIV	46,695	68,000	0	24,207	5,333	144,235	526,457,020
	Hospital	4,334	80,400	1,360	0	3,466	89,561	326,896,628
Kyotera							1,588,273	5,797,194,698
	HCII	130,669	765,006	13,100	154,000	59,920	1,122,695	4,097,836,750
	HCIII	92,124	182,656	9,000	55,135	15,554	354,469	1,293,811,850
	HCIV	1,987	34,000	1,255	24,207	2,666	64,115	234,019,750
	Hospital	2,167	40,000	1,360	0	3,466	46,994	171,526,348
Lamwo							1,095,859	3,999,886,080
	HCII	93,703	394,094	5,180	117,000	5,720	615,697	2,247,294,050
	HCIII	55,092	228,220	6,600	87,216	4,444	381,572	1,392,737,800
	HCIV	3,973	68,000	2,410	24,207	0	98,590	359,854,230
Lira							1,463,932	5,343,353,406
	HCII	38,753	255,002	4,400	70,000	17,670	385,825	1,408,261,250
	HCIII	187,860	387,694	17,150	122,351	28,886	743,941	2,715,384,650
	HCIV	46,695	68,000	2,510	24,207	2,666	144,078	525,886,160
	Hospital	4,334	40,000	2,720	136,101	6,933	190,088	693,821,346
Luuka							1,751,470	6,392,866,960
	HCII	137,855	579,550	10,740	166,000	47,630	941,775	3,437,478,750
	HCIII	332,376	273,384	13,800	68,189	17,776	705,525	2,575,166,250
	HCIV	44,708	34,000	1,255	24,207	0	104,170	380,221,960
Luwero							2,268,097	8,278,554,050
	HCII	49,608	710,648	12,860	210,000	55,860	1,038,976	3,792,262,400
	HCIII	126,438	616,314	27,650	233,594	37,774	1,041,770	3,802,460,500
	HCIV	3,973	68,000	2,410	24,207	2,666	101,257	369,586,590
	Hospital	4,334	80,400	1,360	0	0	86,094	314,244,560

Lwengo							1,300,888	4,748,239,740
	HCII	45,977	432464	7,380	148,000	33,490	667,311	2,435,685,150
	HCIII	21,672	273,784	11,300	118,324	17,776	442,856	1,616,424,400
	HCIV	5,960	102,000	2,510	74,918	5,333	190,721	696,130,190
Lyantonde							849,757	3,101,611,298
	HCII	54,969	301366	3,240	96,000	25,240	480,815	1,754,974,750
	HCIII	12,642	182,256	4,400	78,189	11,110	288,597	1,053,379,050
	Hospital	2,167	40,000	1,260	33,451	3,466	80,345	293,257,498
Madi-Okollo							761,078	2,777,933,240
	HCII	34,238	139092	1,380	35,000	6,060	215,770	787,560,500
	HCIII	138,186	273,784	5,650	54,162	13,332	485,114	1,770,666,100
	HCIV	1,987	34,000	0	24,207	0	60,194	219,706,640
Manafwa							373,112	1,361,860,260
	HCII	18,022	92728	1,280	21,000	7,910	140,940	514,431,000
	HCIII	7,224	91,128	2,300	9,027	2,222	111,901	408,438,650
	HCIV	46,695	68,400	2,510	0	2,666	120,271	438,990,610
Maracha							773,129	2,821,921,580
	HCII	25,227	92728	1,380	28,000	5,550	152,885	558,030,250
	HCIII	177,024	273,384	11,500	86,243	6,666	554,817	2,025,082,050
	HCIV	1,987	34,400	0	24,207	2,666	63,260	230,899,000
	Hospital	2,167	0	0	0	0	2,167	7,910,280
Masaka							1,103,877	4,029,150,320
	HCII	18944	301,366	5,780	82,000	20,200	428,290	1,563,258,500
	HCIII	30702	388,094	13,300	91,243	22,220	545,559	1,991,290,350
	HCIV	3,973	68,000	2,510	50,711	2,666	127,861	466,691,190
	Hospital	2,167	0	0	0	0	2,167	7,910,280

Masindi							1,718,664	6,273,122,140
	HCII	79,312	556,368	9,180	147,000	42,400	834,260	3,045,049,000
	HCIII	215,862	296,566	14,250	104,297	26,664	657,639	2,400,382,350
	HCIV	48,682	68,000	3,665	24,207	5,333	149,886	547,085,360
	Hospital	2,167	40,000	1,260	33,451	0	76,878	280,605,430
Mayuge							1,997,384	7,290,450,870
	HCII	244,162	896,104	17,140	291,000	72,870	1,521,276	5,552,657,400
	HCIII	86,706	113,910	5,750	32,081	11,110	249,557	910,883,050
	HCIV	7,946	136,000	5,020	74,918	2,666	226,551	826,910,420
Mbale							2,453,332	8,954,660,048
	HCII	63,077	301,366	3,380	77,000	22,050	466,873	1,704,086,450
	HCIII	605,136	752,206	26,150	182,486	64,438	1,630,416	5,951,018,400
	HCIV	52,655	170,000	5,020	24,207	10,666	262,547	958,298,010
	Hospital	8,669	80,000	1,360	0	3,466	93,495	341,257,188
Mbarara							2,129,681	7,773,335,796
	HCII	73,029	702,654	13,980	201,000	54,200	1,044,863	3,813,749,950
	HCIII	104,766	342,930	16,850	108,324	13,332	586,202	2,139,637,300
	HCIV	48,682	102,000	3,765	48,414	2,666	205,527	750,173,550
	Hospital	55,274	160,000	3,980	66,902	6,933	293,089	1,069,774,996
Mitooma							798,997	2,916,339,050
	HCII	33354	293,372	5,120	91,000	19,690	442,536	1,615,256,400
	HCIII	53286	183,456	9,000	68,189	2,222	316,153	1,153,958,450
	HCIV	1,987	34,400	1255	0	2,666	40,308	147,124,200
Mityana							2,448,664	8,937,622,870
	HCII	120755	671,478	11,480	161,000	50,990	1,015,703	3,707,315,950
	HCIII	207726	661,878	29,950	194,567	33,330	1,127,451	4,115,196,150
	HCIV	7,946	136,400	3,665	72,621	7,999	228,632	834,505,340
	Hospital	2,167	40,000	1,260	33,451	0	76,878	280,605,430

Moroto							817,811	2,985,010,880
	HCII	61,271	278,184	3,900	82,000	21,880	447,235	1,632,407,750
	HCIII	127,350	136,692	5,650	55,135	2,222	327,049	1,193,728,850
	Hospital	2,167	40,000	1,360	0	0	43,527	158,874,280
Moyo							1,189,221	4,340,655,190
	HCII	110,822	440,458	6,040	105,000	28,110	690,430	2,520,069,500
	HCIII	129,156	182,656	6,800	32,081	0	350,693	1,280,029,450
	HCIV	44,708	34,000	1,255	24,207	0	104,170	380,221,960
	Hospital	2,167	40,400	1,360	0	0	43,927	160,334,280
Mpigi							1,338,120	4,884,136,540
	HCII	45,958	255,002	2,560	82,000	20,200	405,720	1,480,878,000
	HCIII	189,666	433,258	7,750	136,378	22,220	789,272	2,880,842,800
	HCIV	44,708	34,000	0	26,504	0	105,212	384,025,260
	Hospital	2,167	0	0	35,748	0	37,915	138,390,480
Mubende							1,782,880	6,507,510,248
	HCII	113,550	695460	9,220	189,000	55,370	1,062,600	3,878,490,000
	HCIII	180,636	319,348	10,250	104,297	26,664	641,195	2,340,361,750
	Hospital	2,167	40,000	0	33,451	3,466	79,085	288,658,498
Mukono							1,880,109	6,862,396,828
	HCII	72,126	741824	12,040	204,000	60,920	1,090,910	3,981,821,500
	HCIII	37,926	478,422	18,200	92,216	33,330	660,094	2,409,343,100
	HCIV	1,987	34,000	1,255	0	0	37,242	135,931,840
	Hospital	8,669	40,000	3,980	35,748	3,466	91,863	335,300,388
Nabilatuk							349,231	1,274,692,420
	HCII	9914	69,546	920	26,000	5,890	112,270	409,785,500
	HCIII	81288	45,564	1150	0	2,222	130,224	475,317,600
	HCIV	44,708	34,000	1155	24,207	2,666	106,737	389,589,320

Nakapiripirit							535,001	1,952,755,110
	HCII	20731	162,274	2100	54,000	13,120	252,225	920,621,250
	HCIII	46062	91,128	3250	27,081	8,888	176,409	643,892,850
	HCIV	44,708	34,000	1155	26,504	0	106,367	388,241,010
Nakaseke							1,055,425	3,852,301,980
	HCII	76584	301,366	4000	84,000	23,390	489,340	1,786,091,000
	HCIII	55092	182,256	3250	86,243	19,998	346,839	1,265,962,350
	HCIV	46,695	68,000	1155	24,207	5,333	145,390	530,672,770
	Hospital	4,334	0	2,620	66,902	0	73,856	269,575,860
Nakasongola							5,926,387	21,631,312,550
	HCII	2,048,458	1,680,000	44,840	1,404,942	82,460	5,260,700	19,201,555,000
	HCIII	162,160	151,880	8,000	160,000	31,108	513,148	1,872,990,200
	HCIV	81,288	45,564	2,300	18,054	5,333	152,539	556,767,350
Namayingo							1,383,950	5,051,416,770
	HCII	105,423	486,822	7,120	147,000	41,230	787,595	2,874,721,750
	HCIII	134,574	228,220	10,900	100,270	15,554	489,518	1,786,740,700
	HCIV	44,708	34,000	1,255	24,207	2,666	106,837	389,954,320
Namisindwa							1,383,950	5,051,416,770
	HCII	105,423	486,822	7,120	147,000	41,230	787,595	2,874,721,750
	HCIII	134,574	228,220	10,900	100,270	15,554	489,518	1,786,740,700
	HCIV	44,708	34,000	1,255	24,207	2,666.4	106,837	389,954,320
Namutumba							1,538,979	5,617,273,058
	HCII	171,171	510,004	7,080	154,000	43,250	885,505	3,232,093,250
	HCIII	93,930	205,038	6,800	96,243	17,776	419,787	1,532,222,550
	HCIV	44,708	34,000	1,155	24,207	2,666	106,737	389,589,320
	Hospital	48,773	40,000	1,260	33,451	3,466	126,950	463,367,938

Napak							708,513	2,586,071,720
	HCII	44,152	208,638	3,120	68,000	11,610	335,520	1,224,648,000
	HCIII	49,674	137,092	5,450	46,108	8,888	247,212	902,323,800
	Hospital	48,773	40,000	1,260	35,748	0	125,781	459,099,920
Nebbi							1,168,153	4,263,757,720
	HCII	74,778	231,820	1,280	82,000	20,030	409,908	1,496,164,200
	HCIII	254,700	273,784	10,250	95,270	17,776	651,780	2,378,997,000
	HCIV	3,973	0	0	24,207	2,666	30,847	112,590,090
	Hospital	2,167	40,000	0	33,451	0	75,618	276,006,430
Ngora							619,727	2,262,002,090
	HCII	33,335	115,910	2,000	40,000	7,740	198,985	726,295,250
	HCIII	166,188	136,692	5,450	41,108	11,110	360,548	1,316,000,200
	HCIV	1,987	34,000	0	24,207	0	60,194	219,706,640
Ntoroko							321,397	1,173,100,510
	HCII	8,108	23,182	460	7,000	1,850	40,600	148,190,000
	HCIII	42,450	45,564	2,200	18,054	4,444	112,712	411,398,800
	HCIV	46,695	68,000	2,310	48,414	2,666	168,085	613,511,710
Ntungamo							1,890,932	6,901,901,070
	HCII	126,154	649,096	10,920	173,000	50,160	1,009,330	3,684,054,500
	HCIII	102,960	319,348	14,550	105,270	26,664	568,792	2,076,090,800
	HCIV	93,390	136,000	4,620	24,207	10,666	268,883	981,421,490
	Hospital	2,167	40,400	1360	0	0	43,927	160,334,280
Nwoya							604,843	2,207,675,198
	HCII	71185	339,736	4,140	47,000	28,280	490,341	1,789,744,650
	HCIII	7224	91,528	3450	0	6,666	108,868	397,368,200
	Hospital	2,167	0	0	0	3,466	5,634	20,562,348

Obongi								693,411	2,530,950,150
	HCII	45055	231,820	2100	83,000	2,020	363,995	1,328,581,750	
	HCIII	88512	137,092	1050	32,081	6,666	265,401	968,713,650	
	HCIV	1,987	34,000	1155	24,207	2,666	64,015	233,654,750	
Omoro								984,204	3,592,343,140
	HCII	37869	417,276	7,780	126,000	23,050	611,975	2,233,708,750	
	HCIII	16254	205,038	10,150	77,216	2,222	310,880	1,134,712,000	
	HCIV	1,987	34,000	1155	24,207	0	61,349	223,922,390	
Otuke								658,193	2,402,402,990
	HCII	35141	162,274	2620	54,000	13,290	267,325	975,736,250	
	HCIII	90318	159,474	7650	63,189	8,888	329,519	1,202,744,350	
	HCIV	1,987	34,000	1155	24,207	0	61,349	223,922,390	
Oyam								1,310,647	4,783,861,550
	HCII	100908	370,912	6160	105,000	31,470	614,450	2,242,742,500	
	HCIII	175218	250,602	11,000	90,270	19,998	547,088	1,996,871,200	
	HCIV	44,708	34,000	0	24,207	2,666	105,582	385,373,570	
	Hospital	2,167	40,000	1,360	0	0	43,527	158,874,280	
Pader								1,536,410	5,607,895,770
	HCII	91,897	324,548	5,040	98,000	14,140	533,625	1,947,731,250	
	HCIII	452,502	319,748	15,000	117,351	15,554	920,155	3,358,565,750	
	HCIV	44,708	34,000	1,255	0	2,666	82,630	301,598,770	
Pakwach								617,719	2,254,672,890
	HCII	30,645	223,826	1,740	63,000	20,030	339,241	1,238,229,650	
	HCIII	12,642	159,474	4,500	27,081	13,332	217,029	792,155,850	
	HCIV	1,987	34,000	1,255	24,207	0	61,449	224,287,390	
Pallisa								974,096	3,555,449,670
	HCII	25,227	92,728	1,640	28,000	7,910	155,505	567,593,250	
	HCIII	219,474	319,748	13,500	113,324	26,664	692,710	2,528,391,500	
	Hospital	48,773	40,000	1,360	35,748	0	125,881	459,464,920	

Rakai							1,346,706	4,915,477,630
	HCII	47,802	640,302	11,820	146,000	46,290	892,214	3,256,581,100
	HCIII	21,672	273,784	7,850	91,243	17,776	412,325	1,504,986,250
	Hospital	2,167	40,000	0	0	0	42,167	153,910,280
Rubanda							1,414,065	5,161,337,250
	HCII	67,611	617,920	10,640	183,000	44,270	923,441	3,370,559,650
	HCIII	53,286	182,656	5,750	55,135	13,332	310,159	1,132,080,350
	HCIV	48,682	102,400	2,510	24,207	2,666	180,465	658,697,250
Rubirizi							947,463	3,458,239,950
	HCII	46,880	463,640	8,240	126,000	33,660	678,420	2,476,233,000
	HCIII	49,674	136,692	6,800	27,081	8,888	229,135	836,342,750
	HCIV	1,987	34,000	1,255	0	2,666	39,908	145,664,200
Rukiga							1,086,018	3,963,964,240
	HCII	91,916	510,004	3,180	70,000	42,420	717,520	2,618,948,000
	HCIII	49,674	136,692	0	9,027	8,888	204,281	745,625,650
	HCIV	5,960	102,000	2,510	48,414	5,333	164,217	599,390,590
Rukungiri							3,432,623	12,529,073,950
	HCII	238,820	1,450,872	24,000	404,000	123,540	2,241,232	8,180,496,800
	HCIII	189,666	436,458	17,050	45,135	33,330	721,639	2,633,982,350
	HCIV	52,655	136,800	3,765	99,125	7,999	300,344	1,096,255,600
	Hospital	50,940	80,000	2,720	35,748	0	169,408	618,339,200
Rwampara							574,584	2,097,231,600
	HCII	19,847	324,548	5,480	91,000	25,070	465,945	1,700,699,250
	HCIII	5,418	68,346	3,350	27,081	4,444	108,639	396,532,350
Sembabule							1,106,545	4,038,887,790
	HCII	45,074	417,276	6,980	126,000	33,810	629,140	2,296,361,000
	HCIII	51,480	159,474	6,800	59,162	11,110	288,026	1,051,294,900
	HCIV	5,960	102,000	3,465	72,621	5,333	189,379	691,231,890

Serere									
	HCII	65,767	208,638	2,880	68,000	15,480	360,765	1,316,792,250	
	HCIII	408,246	250,602	4,300	72,216	24,442	759,806	2,773,291,900	
	HCIV	89,417	68,000	2,410	24,207	2,666	186,700	681,455,730	
Sheema									
	HCII	99,121	510,004	6,620	169,000	40,720	825,465	3,012,947,250	
	HCIII	58,704	250,602	8,050	77,216	19,998	414,570	1,513,180,500	
	HCIV	3,973	68,400	2,310	24,207	2,666	101,557	370,681,590	
	Hospital	2,167	40,000	1,260	0	3,466	46,894	171,161,348	
Sironko									
	HCII	29,742	208,638	3,480	56,000	13,970	311,830	1,138,179,500	
	HCIII	307,986	456,040	13,100	136,378	37,774	951,278	3,472,164,700	
	HCIV	3,973	68,000	2,510	48,414	5,333	128,230	468,039,500	
Soroti									
	HCII	71,185	370,912	4,980	110,000	29,620	586,697	2,141,444,050	
	HCIII	373,020	318,948	13,000	127,351	28,886	861,205	3,143,398,250	
	HCIV	3,973	102,000	1,155	48,414	2,666	158,209	577,461,390	
	Hospital	48,773	40,000	0	33,451	0	122,224	446,116,870	
Terego									
	HCII	87,401	394,094	1,740	115,000	24,070	622,305	2,271,413,250	
	HCIII	298,956	342,130	4,400	105,270	4,444	755,200	2,756,480,000	
	Hospital	4,334	80,000	0	0	0	84,334	307,820,560	
Tororo									
	HCII	230,655	904,098	11,540	280,000	76,570	1,502,863	5,485,449,950	
	HCIII	309,792	478,422	12,150	168,459	44,440	1,013,263	3,698,409,950	
	HCIV	5,960	102,000	1,255	53,008	7,999	170,222	621,310,300	
	Hospital	55,274	120,000	1360	33,451	3,466	213,552	779,463,778	

Wakiso								
	HCII	116297	996,026	11,060	310,000	78,760	1,512,143	5,519,321,950
	HCIII	402810	1,161,882	29,500	286,783	88,880	1,969,855	7,189,970,750
	HCIV	13,906	239,200	5,020	74,918	13,332	346,376	1,264,273,130
	Hospital	19,505	320,400	12,240	100,353	17,332	469,829	1,714,877,310
Yumbe							2,174,828	7,938,121,470
	HCII	118,930	463,640	6,660	101,000	32,150	722,380	2,636,687,000
	HCIII	298,044	867,316	26,450	99,297	26,664	1,317,771	4,809,864,150
	HCIV	5,960	102,000	2,510	24,207	0	134,677	491,570,320
	Hospital	0	0	0	0	0	0	0
Zombo							872,093	3,183,140,180
	HCII	50,454	185,456	3,380	35,000	15,990	290,280	1,059,522,000
	HCIII	249,282	205,038	10,150	18,054	15,554	498,078	1,817,984,700
	HCIV	1,987	34,000	1,255	0	2,666	39,908	145,664,200
	Hospital	2,167	40,400	1,260	0	0	43,827	159,969,280
Grand Total		34,952,498	100,582,566	2,548,145	34,700,162	7,050,674	179,834,045	656,394,263,228

3.5 Partnership for WASH in HCFs

A total count per districts indicated 469 partners were supporting WASH in HCFs among other services indicating one partner supporting many districts. However, when counted individually, a total of 247 partners were supporting the various district HCFs in WASH. UNICEF and World Vision International were the leading partners across the districts supporting above 20 districts each.

Across the districts, some districts had more partners than others; for example; Kanungu and Kampala had the highest number of partners (27 and 23 respectively) compared to districts like Kibaale which did not have any partner for WASH in HCFs in the district.

Table 13: WASH in HCs implementing partners across districts.

SN	DISTRICT	PARTNERS PER DISTRICT	NO. OF PARTNERS
1	ABIM	Caritas, AFI, Nuyok, World Vision, Intra Health and CUAMM	6
2	ADJUMANI	AVSI, IDI, LWF, MYI, UNICEF, Afford, Plan International and World Vision	8
3	AGAGO	Amref, Africa Task, Wash Alliance, Rights North Acholi, Goal Uganda, WASEU, AFSART, USHA, AVSI, LWF, EWASHA, World Vision, Plan International, Malaria Consortium, CIP international and Potato Center	16
4	ALEBTONG	SNV and Rhites North Lango	2
5	AMOLATAR	Rhites North Lango	1
6	AMUDAT	Caritas, Drylands, Save the Children, FIDA, Sign of hope, UNICEF, ZOA and TASO	8
7	AMURIA	High Adventure Ministries Canada, RHITES E, Welthunger HILFE, TEDDO, TASO, World Vision and Compassion	7
8	AMURU	NO REPORTED WAH PARTNER IN HCFs	0
9	APAC	Caritas, Lira Diocese, Rhites North Lango, ILF, HEP, RBF, PHC, GIZ, Plan International and International Life line	10
10	ARUA	Tea and Team, UNICEF, IDI, CARE, MSF, Goal Uganda, CDA and Save the children	8
11	BUDAKA	Rhites E, Plan International, USF, UPMB and Baylor Uganda	5
12	BUDUDA	Rhites E and Mbale Cap	2
13	BUGIRI	Goal Uganda, World Vision, Rhites E and GUSO-RHU	4
14	BUGWERI	Rhites E, Busoga Trust, UNICEF and UPMB	4
15	BUHWEJU	Rhites South West and TASO	2
16	BUIKWE	Busoga Trust, World Vision, ICEIDA, USHA, CCAYEF, Africa Water Solutions, UHMG and UAE AID	8
17	BUKEDEA	Rhites E and Voucher plus	2
18	BUKOMANSIMBI	USHA	1
19	BUKWO	Bukwo GLD< Rhites -E, REMA Foundation and PACE	4
20	BULAMBULI	Rhites E	1
21	BULIISA	Kakinga Orphanage, Baylor Uganda, World Vision and Total	4
22	BUNDIBUGYO	Western Umbrella water and sanitation, UNICEF, World Vision, Save the children and Baylor Uganda	5

23	BUNYANGABU	Amref, Baylor Uganda, IRC, Green Label, HEWASA and JESE	6
24	BUSHENYI	UPS/CDC, UCMB, TASO, RHU, EGPAF, Green Label and Church of Uganda	7
25	BUSIA	NO REPORTED WASH PARTNER IN HCFs	0
26	BUTALEJA	Rhites E, Evidence action, World Vision, A little bit of Hope, CDC, Child fund and USF	7
27	BUTAMBALA	JEDOVIC, JICA, JMS, World Vision, MoWE, Rakai happy, Bustiha CBO and Winnipeg canada	8
28	BUTEBO	Evidence Action, JOHN 4/14, Rhites E, MoWE, Lodoi foundation, Muslim water shallow wells and TASO	7
29	BUVUMA	Makerere Walter Reed project, MoWE and Unicef	3
30	BUYENDE	USHA, Rhite EC, Busoga trust and Plan Uganda	4
31	DOKOLO	SNV, Lacodef, WSSCC and Rhites North Lango	4
32	GOMBA	USHA, Pact, Joy Uganda, Green Label	4
33	GULU	Fchtnner, Rhites North Acholi, TASO, USHA, Gulu Arch Diocese, World Vision, UNICEF, UPMB, WHO, Save the Children, Good Partner and WV	12
34	HOIMA	Unicef, World Vision, MAPD, Baylor Uganda, Who and Red Cross	6
35	IBANDA	ACTS, GAM, TASO, URC, USAID, UNICEF, Living Water International and Rhites SW	8
36	IGANGA	UVP, JMS, UPMB, UNICEF, KOICA, Rhites EC, Water mission, NMS, Rotary, MUCOBAD, Hunger project, Busoga Diocese	12
37	ISINGIRO	USAID, UNHCR, TASO, EQPAF, Rhites, Engineers without borders, Oxfam, Nsamiiizi, Accord, UNICEF, DWD, DR Dip and Community	13
38	JINJA	Water Mission, URC, Green Label, JACOFE, JMS, Mothrs to Mothers, PSI, NMS, Rhites EC, ESCOM, MSB, USHA, AWS, Water mission, Rotary Club, UPMB, Hep International, USAID, UPDF, Busoga Trust	21
39	KAABONG	Caritas, MADA, UMB, DADO, World Vision, Mercycorps, UNICEF, WFP, ICAN, KAPDA, Whave solutions, TASO, WV, Afi	15
40	KABALE	Doicese of Kigezi, GIZ, Rhites SW, IDI, Kabale Doicese, PAG, Jephiego, UNCEF, JCRC and WHO	10
41	KABAROLE	UMMB, USAID, World Vision, UNICEF, Young water solutions, CDC, ACODEV,Moh, UCMB, HEWASA, Amref,IDI, IRC, and Baylor Uganda	14
42	KABERAMAIDO	Plan International, TPO, TASO, Popow, Reproductive Health Uganda, Rhites E and Goshen blessing	7

43	KAGADI	CHAI, UNICEF, MoH, RTV, IDI, MARIESTOPES, WORLD VISION, IRC AND BAYLOR UGANDA	9
44	KAKUMIRO	Baylor Uganda, Germans, Life Water, Marie Stopes, SNV and World Vision	6
45	KALAKI	Popow, SNV, Rhites E, MoH, TASO and NVN	6
46	KALANGALA	Kalangala Infrastructure Services and RHSP	2
47	KALIRO	CHAI, Rhites EC, Rotary International, AMDHAA, Water mission, Busoga Trust, USHA, BRAC and Life water International	9
48	KALUNGU	Lifenet and RHSP	2
49	KAMPALA	Amref, Samaritan purse, Water aid Uganda, Plan International, Water for people, Bill gates, GIZ, KCCA, Deliverance church Uganda, IDI, SoPH MUK, Red cross, NWSC, Kwaki Cash Microfinance, USAID, NMS, ROTARY, WAKISO DLG, Cwis and Weyonje	23
50	KAMULI	Green label, Plan International, JMS, UNICEF, Rhites EC, Kamuli DLG, KOICA, NMS, Orthodox medical bureau, AEGY, RBF, Prisons, Community Baptist Church Namar, UPMB and USHA	15
51	KAMWENGE	IRD, UNHCR, MTI, UNCEF, WATER FOR PEOPLE, COFAM, NSAMIZI, CPM, LWF, NWS, Care International, World vision, Baylor Uganda	15
52	KANUNGU	BMCT, UPMB, UNICEF, UNFPA, RBF, USAID, ICAN, IDI, RHITES SW, AVIS, MTI, JCRC, UCMB, PNFP, PHC, OPM, UNCHR, WHO, JMS, Save the Children, Nyaka AIDS Foundation, Jhpiego, Raising the village, Green label, Kanungu DLG, Bwindi Community Hospital and Batwa Devt Programme	27
53	KAPCHORWA	Kacsoa, Intra health and Rhites E	3
54	KAPELEBYONG	TASO, Rhites E, SOCCADIDO and VAD	4
55	KARENZA	Caritas, UNCEF, GIZ, AFI, World Vision, Mercycorps, Whave, Malaria Consortium, CUAM and Intra health	10
56	KASANDA	UNICEF AND JICA	2
57	KASESE	UNICEF, Baylor Uganda, Save the Children, MSF, SNV, UPMB, Caritas, IRC, Paper fig foundation, URM chip, Kali, TASO, WHO, Bugoye hydro power, ACODEV	15
58	KATAKWI	CIDI, TASO, TEDDO, WHH, Rhites E, Welt hunger	6
59	KAYUNGA	BUVAD, MUWRP, IDI, UNICEF, WATER AID, TASO, UDHA, USHA, AWS, NWSC, Green label and Busoga Trust	12
60	KAZO	Rhites SW	1
61	KIBAALE		
62	KIBOGA	Mildmay, Lifenet, World Vision, UNICEF, Child fund and Rotary club international	6

63	KIBUKU	Action AID, Child fund, Evidence Action, Rhites E and USF	5
64	KIKUUBE	ACF, BAYLOR UGANDA, CEDO, LWF, UNHCR, ALRIGHT, CAFOMI, MTI, Care International, Red cross, Save the Children and World Vision	13
65	KIRUHURA	Green label, UNICEF, NWSC, STAR SW, Mayanja Memorial, TASO and Progressive Health	7
66	KIRYANDONGO	The water trust, Salvation Army, Water Mission Uganda, UNICEF and UNHCR	5
67	KISORO	UNICEF, Politicians, Africa Water Solutions, Diocese of Muhabura, UKAID, Rhites SW, Singing gorilla project, Founders of Clarensega, JMS, UPMB, MTI, Mariestipes, Police Health services and USAID	14
68	KITAGWENDA	JESE and UNICEF	2
69	KITGUM	USHA, Rhites North Acholi, USAID, UNICEF and Rotary Club	5
70	KOBOKO	Acav, Picot, UNICEF, ACF, JAM, WFP, World Vision, South Sudan association, NURI, UNCR, Feat Africa and IDI	12
71	KOLE	JF well works Africa, Link to progress, Rhites North Lango, Child Hug Uganda, DEPCOT, World Vision, SNV and GIZ	8
72	KOTIDO	AFI, URC, C&D, IRC, RT, Save the Children, Whaves, Mercy Corps, Malaria Consortium, Kotido DLG, ADRA, World Vision, Caritas	14
73	KUMI	Rhites E, CDC, TASO, MoH, Fields of life, UPMB and USF	7
74	KWANIA	Rhites North Lango, Victory Outreach Church, Lifeline International, Child Fund, Plan International and Samaritan Path	6
75	KWEEN	Rhites East and FHI	2
76	KYANKWANZI	CECE, MILDWAY and World Vision	3
77	KYELEGWA	Baylor Uganda, Oxfam, Uganda Red Cross, DRC and UNICEF	5
78	KYENJOJO	Amref, Baylor Uganda, Caritas, UNICEF, MoWE, RTV, SNV and Uganda Orthodox Medical Bureau	
79	KYOTERA	NO REPORTED WAH PARTNER IN HCFs	0
80	LAMWO	AVSI, RHITES N ACHOLI, USHA, World Vision, Caritas, IRC, DCA, SORUDA, UNICEF, UNFPA, NMS, RNA and Lutheran World Federation	13
81	LIRA	CDC, Rhites North Lango, CDFU, Plan Uganda, Living goods, Caritas Lira, SNV, Gloford, Marie Stopes and USAID	10
82	LUUKA	Rhites EC, Water for people, USHA and Water Mission Uganda	4

83	LUWERO	Busoga trust, Kinabwe, Caritas, Health Vines, Abagala Uganda, Save for Health, Uganda Water Project, Care for Uganda, Fields of Life, Uganda fund Projrct, UCMB, Life net, Mildmay, ACODEF, UWP, PACE and Red and Ryno	17
84	LWENGO	Uganda Catholic Bureau, USHA, life net international	3
85	LYANTONDE	DHO, MOH, RACOBAD and Child Aid Uganda	4
86	MADI-OKOLLO	Malteser, UNICEF, Oxfam, Red Cross, IRC, AVSI, DRC, Plan international, IDI, UNHCR, UNFPA, CARE, Water Mission Uganda, AFI, Team and Teams, TASO, Ceford, JMS and Marie Stopes, Dr dip	17
87	MANAFWA	GAVI, UMRDA, Marie Stopes and Rhites E	4
88	MARACHA	IDI, USF, DCA, UNICEF, AVIS, ENABLE and JHPIEGO	7
89	MASAKA	MoH, Rakai Health Sciences project, RSHP, UNICEF and LIFENET	5
90	MASINDI	Action Aid Uganda, RDP, One World Health, The Water trust, the Umah and Rotary club	6
91	MAYUGE	Ascend, Life net, Child fund, Rhites EC, World Vision, USF, Life water International and BACHI	8
92	MBALE	Baylor Uganda, Spotlight on Africa, JENGA, IDI, Seal global, IDI, Palladium Uganda, Rhites E, PACE< UPDF, UPMB and USAID	12
93	MBARARA	NWSC, Ankole Diocese, Cecod, Acord, Acts, WSDF, Mbadifa, USAID, USF, Red label, Uweso, Koyiawo company and MoWE	13
94	MITOOMA	PHC, RBF, Rhites SW, UCMB, Rising Village and RWIDF	6
95	MITYANA	CDC, Rhites North Lango, CDFU, Plan Uganda, Living goods, Caritas Lira, SNV, Gloford, Marie Stopes, USAID, Green label, PACE, USAID, Namkozzi Diocese, Mildmay team up, PACT, Tamteco Tea Factory	18
96	MOROTO	CUAAM, Welthunger HILFE, CRS, Mercy Corps, Save the Children, C&D, UNICEF, IDI, GIZ, TASO, ISP and Rhites E	12
97	MOYO	DNU, Global Aim, LWF, SEED EFFECT, Palm Corps, UNICEF and AVSI	7
98	MPIGI	USHA, BRAC, JOY Uganda, KOICA and UNICEF	5
99	MUBENDE	IDI, JCA, TSU6, UNICEF, JICA, NMS, URC, Mildmay Uganda, CHAI, UPMS and UPDF	11
100	MUKONO	Caritas Lugazi, Nama wellness, MP, Mawrap, UNEPI, PACE, UNICEF, AIMS, UAE and UPBS	10
101	NABILATUK	Caritas, C&D, UNICEF, CRS, TASO and Welthunger	6
102	NAKAPIRIPRIT	UNICEF, Nuyok, UNFPA< Caritas, C&D	5
103	NAKASEKE	Busoga trust and Mildway	2

104	NAKASONGOLA	Lifenet international, Mid may, Fields of life, Amref, World Vision, Nakasongola DLG, USAID, USHA, UPDF, UNICEF, SDA Church, Uganda Cares and Green label	13
105	NAMAYINGO	UPMB, ASCEND, Rhites EC, African Water solution, Baylor Uganda, Goal Uganda, Get water	9
106	NAMISINDWA	Rhites - E, Amurda and Salvation Army	3
107	NAMUTUMBA	Evidence Action, Food for the hungry, Rhites E and USHA	4
108	NAPAK	Caritas, UNICEF, TASO, CUAMM, CRS, Didp, Welthunger HILFE, CIDI, USF and GIZ	10
109	NEBBI	IDI, Plan Uganda , Africa water solution	3
110	NGORA	Rhites E, TASO, Water Aid	3
111	NTOROKO	Save the Children, JESE and UNICEF	3
112	NTUNGAMO	Marie Stopes, Police services, NMS, Prison Services, Rhites, Rubaare HCFIV, Uganda cares, UNCEF, ARISE and UPMB	10
113	NWOYA	Accord, Rhites North Acholi, USAID, Uganda Sanitation for Health	4
114	OBONGI	IDI, LWF, MTI, IOM, World Vision, UNICEF, JICA, Better World and Red cross	9
115	OMORO	Rhites North Acholi, Save the Children, BRAC, World Vision, Accord and USHA	6
116	OTUKE	Link to Progress and Rhites North Lango	2
117	OYAM	CUAMM, Rhites North Lango, Fields of Life, Green Label, World Vision and SNV	6
118	PADER	Rhites North Acholi, MoWE, LWF, World Vision, UNICEF and Amref	6
119	PAKWACH	Africa Water Solution, Feat Adrica and Uganda Sanitation Fund	3
120	PALLISA	Intra health, USAID, Rhite E, WHO and UNICEF	5
121	RAKAI	Cotton on, World Vision, Lifenet International, Rakai health services, Rakai DLG, RHSP, BAMA and Uganda cranes	8
122	RUBANDA	Link to progress, African water solution, Rhites SW, JCRC, Diocese of Kigezi, Bakiga Community, Kabale Diocese, Green label, JMS, UPMB, Revenue sharing , and USID	12
123	RUBIRIZI	MoH, Rhites SW, UNICEF, WHO, TASO, IDI, and USAID	7
124	RUKIGA	JCRC, EGPAF, JMS, RHITES SW, UNICEF, CRS, IDI, UPMB AND Start South West	9
125	RUKUNGIRI	USAID, UPMB, JCRC, Kisizi hospital, Rhites, UKAID, JMS< UCMB, Lions Club bwambara, UNICEF, LAU, WHO, NWSC, SURE, Peer Link Initiative and Green Label	16

126	RWAMPARA	Acord, Rhites South West, EGPAF, Green label, TASO, USF and RHU	7
127	SEMBABULE	Rakai Health Science Program, USHA, Water compass and UKAID	4
128	SERERE	Rhites E and TASO	2
129	SHEEMA	Marie Stopes, NMS, Prison service, Rhites, Rubaare HCFIV, Uganda Cares, UNICEF, ARISe, UPMB	9
130	SIRONKO	Baylor Uganda, Rhites E, GAVI, Chlorine dispensers, USF, Hygiene and sanitation grant, Evidence action, MAFoc and CHAI	9
131	SOROTI	Green label, IDI, Marie Stopes, Prisons services, Rhites E, CDC Prisons, TASO, World Vision, USAID, Water school Uganda and Drop a bucket Uganda	11
132	TEREGO	Care Uganda, Water mission, IRC, Oxfam, Idi, Team and Teams, Amref, UNICEF, AVSI, Cuamm, Welthunger, IRC, GIZ, Malteser International, DRC, Humanity and Inclusion, LWF and Save the children	22
133	TORORO	NO REPORTED WASH PARTNER IN HCFs	0
134	WAKISO	IDI, UNICEF, Rhites, Save the Children, Mildmay, Strong minds Uganda, MRC, Alive medical services, Extend life initiative, Uganda Prisons service, Wakiso DLG, Rotary clubs, Hunger project, UCMB, Medcare, UPDF, Uganda water project, Water Aid, VAO and USAID	20
135	YUMBE	ACF, Plan international, Caritas, AFARD, NRC, AVIS, IDI, IRC, WMU, EAM, Water mission Uganda, NRC, UNICEF, Malteser, Red cross, Welthunger, For Africa, World Vision and CRS	21
136	ZOMBO	AFARD, UNICEF, AVSI, UNFPA, Africa Water Solution, IDI, AWS and Caritas Uganda	8
TOTAL			469

4.0

Conclusions and Recommendations

4.1 Conclusions:

Across the country, WASH services in many government and PNFP HCFs are insufficient. Access to effective hand hygiene and environmental cleanliness are among the least accessed WASH services in HCFs.

Large disparities between HCFs level, districts, location, regions and ownership regimes sharply exist in access to WASH in HCFs with disparities between districts being the widest.

The funding gap for WASH in HCFs to close the access disparities from limited/no services to advanced is big (approximately UGX 583 billion) but achievable with careful and systematic planning. The funding gap differ between WASH in HCFs services and level of HCFs with access to sanitation presenting the biggest funding gap.

4.2 Recommendations:

1. Support government through the Ministry of Health to establish and enforce national and international standards (WHO/JMP WASH in HCFs Standards 2008) for increased access to WASH in HCFs services. WHO/JMP standards serve as a basis for establishing national standards. Implementation of national standards may benefit from a tiered or “laddered” approach that allows healthcare facilities to make incremental progress towards, and eventually beyond, a basic level of service.
2. Support government through the Ministry of Health to set, monitor and work towards achieving WASH in HCFs indicator targets. Setting targets will help the country to prioritize the most vulnerable HCFs levels, regions, district and service levels and indicators and that take into account human, financial and technological capabilities of the country.
3. The WASH in healthcare facilities micro plan and costed plan should be disseminated widely to facilitate planning, resource mobilization and implementation of interventions.

4. Disseminate the national guidelines on WASH services in healthcare facilities to district local governments and partners for use in all healthcare facilities.
5. Support construction of WASH infrastructure in HCFs to improve quality of care and infection prevention control.
6. Build capacity of health workers and support staff on WASH practices to foster effective behavioral change amongst health workers, patients and care givers towards effective hygiene and sanitation practices.
7. Advocate for inclusion of WASH in HCF indicators in health system monitoring for instance HMIS, DHIS-2.
8. MoH should mobilize partners to support and provide a complete package for WASH services in health care facilities.
9. The WASH in HCF costed plans should be integrated in the district plans to facilitate resource mobilization and allocation.

5.0

Annexes

5.1 District based summaries for WASH in HCFs indicators by service levels

District	No of HCFs	% of HCFs with water facilities within premises				% of HCFs with sanitation facilities within premises				% of HCFs with facilities for proper hand hygiene practices within/at the premises				% of HCFs observing environmental cleanliness within premises				% of HCFs with reliable health care waste management			
		No service	Limited	Basic	Advanced	No service	Limited	Basic	Advanced	No service	Limited	Basic	Advanced	No service	Limited	Basic	Advanced	No service	Limited	Basic	Advanced
Agago	44	25.0	34.1	40.9	0.0	56.8	38.6	2.3	2.3	36.4	31.8	25.0	6.8	22.7	61.4	0.0	15.9	2.3	15.9	29.5	52.3
Amuru	31	16.1	25.8	58.1	0.0	16.1	80.6	3.2	0.0	38.7	38.7	19.4	3.2	32.3	61.3	0.0	6.5	0.0	12.9	74.2	12.9
Gulu	52	5.8	23.1	69.2	1.9	17.3	76.9	0.0	5.8	11.5	19.2	57.7	11.5	32.7	38.5	11.5	17.3	3.8	7.7	26.9	61.5
Kitgum	41	12.2	29.3	58.5	0.0	7.3	90.2	0.0	2.4	29.3	17.1	48.8	4.9	61.0	34.1	0.0	4.9	4.9	29.3	31.7	34.1
Lamwo	29	31.0	10.3	51.7	6.9	10.3	86.2	3.4	0.0	13.8	27.6	31.0	27.6	41.4	31.0	13.8	13.8	0.0	10.3	6.9	82.8
Nwoya	20	5.0	35.0	60.0	0.0	5.0	80.0	10.0	5.0	0.0	0.0	60.0	40.0	0.0	25.0	5.0	70.0	0.0	0.0	90.0	10.0
Omoro	28	0.0	10.7	89.3	0.0	28.6	71.4	0.0	0.0	14.3	14.3	71.4	0.0	50.0	42.9	3.6	3.6	21.4	21.4	53.6	
Pader	29	17.2	62.1	20.7	0.0	3.4	89.7	6.9	0.0	3.4	82.8	13.8	0.0	41.4	51.7	0.0	6.9	0.0	13.8	37.9	48.3
Acholi	274	14.2	28.5	56.2	1.1	20.1	75.2	2.6	2.2	20.1	28.8	40.9	10.2	36.5	44.2	4.4	15.0	2.2	14.6	36.5	46.7
Buhweju	23	8.7	4.3	87.0	0.0	8.7	91.3	0.0	0.0	17.4	39.1	13.0	30.4	43.5	47.8	0.0	8.7	0.0	26.1	60.9	13.0
Bushenyi	40	0.0	10.0	90.0	0.0	0.0	95.0	5.0	0.0	0.0	5.0	70.0	25.0	50.0	20.0	25.0	5.0	0.0	25.0	62.5	12.5
Ibanda	44	2.3	9.1	88.6	0.0	4.5	95.5	0.0	0.0	9.1	36.4	43.2	11.4	25.0	72.7	2.3	0.0	2.3	22.7	65.9	9.1
Isingiro	66	4.5	13.6	81.8	0.0	9.1	84.8	4.5	1.5	7.6	21.2	48.5	22.7	16.7	59.1	3.0	21.2	10.6	37.9	37.9	13.6
Kazo	21	38.1	0.0	61.9	0.0	0.0	100.0	0.0	0.0	23.8	57.1	9.5	9.5	52.4	42.9	0.0	4.8	14.3	23.8	47.6	14.3
Kiruhura	20	10.0	15.0	75.0	0.0	0.0	95.0	0.0	5.0	20.0	15.0	55.0	10.0	35.0	45.0	10.0	10.0	5.0	25.0	60.0	10.0
Mbarara	55	5.5	12.7	81.8	0.0	0.0	87.3	9.1	3.6	1.8	29.1	67.3	1.8	45.5	32.7	1.8	20.0	0.0	3.6	61.8	34.5
Mitooma	22	4.5	13.6	81.8	0.0	0.0	77.3	22.7	0.0	9.1	18.2	68.2	4.5	63.6	22.7	4.5	9.1	0.0	13.6	40.9	45.5
Ntungamo	47	14.9	23.4	61.7	0.0	4.3	91.5	4.3	0.0	23.4	25.5	46.8	4.3	19.1	46.8	8.5	25.5	0.0	4.3	83.0	12.8
Rwampara	17	5.9	0.0	94.1	0.0	0.0	100.0	0.0	0.0	11.8	23.5	58.8	5.9	29.4	64.7	0.0	5.9	5.9	35.3	47.1	11.8
Sheema	36	16.7	16.7	66.7	0.0	19.4	77.8	2.8	0.0	22.2	19.4	33.3	25.0	27.8	47.2	11.1	13.9	13.9	19.4	55.6	11.1
Ankole	391	8.7	12.3	79.0	0.0	4.9	89.5	4.6	1.0	11.8	25.3	48.8	14.1	34.0	46.3	6.4	13.3	4.6	20.7	57.5	17.1
Bududa	18	27.8	11.1	61.1	0.0	5.6	88.9	5.6	0.0	0.0	11.1	83.3	5.6	38.9	33.3	11.1	16.7	0.0	38.9	44.4	16.7
Bukwo	22	13.6	45.5	40.9	0.0	22.7	59.1	18.2	0.0	27.3	18.2	45.5	9.1	50.0	40.9	0.0	9.1	4.5	9.1	81.8	4.5

Water status, sanitation, hand hygiene behavior and environmental cleaning for various levels of HCFs																					
District	No of HCFs	% of HCFs with water facilities within premises				% of HCFs with sanitation facilities within premises				% of HCFs with facilities for proper hand hygiene practices within/at the premises				% of HCFs observing environmental cleanliness within premises				% of HCFs with reliable health care waste management			
		No service	Limited	Basic	Advanced	No service	Limited	Basic	Advanced	No service	Limited	Basic	Advanced	No service	Limited	Basic	Advanced	No service	Limited	Basic	Advanced
Bulambuli	29	13.8	20.7	65.5	0.0	13.8	72.4	13.8	0.0	6.9	27.6	51.7	13.8	27.6	58.6	0.0	13.8	0.0	17.2	75.9	6.9
Kapchorwa	31	16.1	35.5	48.4	0.0	9.7	87.1	0.0	3.2	0.0	6.5	64.5	29.0	16.1	58.1	0.0	25.8	0.0	16.1	77.4	6.5
Kween	23	39.1	34.8	26.1	0.0	21.7	73.9	4.3	0.0	17.4	30.4	52.2	0.0	4.3	65.2	0.0	30.4	0.0	21.7	73.9	4.3
Manafwa	10	10.0	20.0	70.0	0.0	10.0	80.0	10.0	0.0	0.0	10.0	60.0	30.0	20.0	20.0	0.0	60.0	0.0	20.0	40.0	40.0
Mbale	57	14.0	24.6	61.4	0.0	0.0	91.2	1.8	7.0	7.0	3.5	52.6	36.8	22.8	22.8	7.0	47.4	3.5	5.3	70.2	21.1
Namisindwa	21	19.0	23.8	57.1	0.0	4.8	95.2	0.0	0.0	9.5	19.0	47.6	23.8	33.3	61.9	0.0	4.8	0.0	14.3	76.2	9.5
Sironko	31	16.1	16.1	67.7	0.0	6.5	90.3	3.2	0.0	9.7	19.4	41.9	29.0	19.4	51.6	6.5	22.6	0.0	12.9	71.0	16.1
Bugisu	242	18.2	26.0	55.8	0.0	9.1	83.5	5.4	2.1	8.7	14.9	54.1	22.3	24.8	45.0	3.3	26.9	1.2	14.9	70.7	13.2
Budaka	16	0.0	43.8	56.3	0.0	0.0	81.3	18.8	0.0	6.3	25.0	62.5	6.3	25.0	37.5	12.5	25.0	0.0	0.0	93.8	6.3
Busia	32	3.1	12.5	84.4	0.0	12.5	87.5	0.0	0.0	15.6	43.8	40.6	0.0	46.9	40.6	3.1	9.4	3.1	25.0	59.4	12.5
Butaleja	24	20.8	33.3	45.8	0.0	0.0	95.8	4.2	0.0	25.0	29.2	29.2	16.7	54.2	16.7	16.7	12.5	0.0	45.8	37.5	16.7
Butebo	11	9.1	9.1	81.8	0.0	0.0	90.9	9.1	0.0	18.2	36.4	9.1	36.4	27.3	36.4	9.1	27.3	0.0	18.2	72.7	9.1
Kibuku	20	0.0	25.0	75.0	0.0	0.0	100.0	0.0	0.0	5.0	15.0	60.0	20.0	0.0	80.0	0.0	20.0	0.0	10.0	85.0	5.0
Pallisa	19	10.5	36.8	52.6	0.0	5.3	84.2	10.5	0.0	15.8	10.5	63.2	10.5	26.3	52.6	10.5	10.5	0.0	5.3	78.9	15.8
Tororo	68	19.1	32.4	48.5	0.0	23.5	73.5	0.0	2.9	10.3	23.5	27.9	38.2	41.2	39.7	7.4	11.8	4.4	27.9	60.3	7.4
Bukedi	190	11.6	28.4	60.0	0.0	11.1	84.2	3.7	1.1	13.2	26.3	38.9	21.6	35.8	42.1	7.9	14.2	2.1	22.6	65.3	10.0
Buliisa	12	8.3	25.0	66.7	0.0	8.3	75.0	8.3	8.3	8.3	58.3	33.3	0.0	8.3	50.0	25.0	16.7	8.3	58.3	33.3	0.0
Hoima	28	10.7	14.3	75.0	0.0	10.7	78.6	7.1	3.6	3.6	7.1	25.0	64.3	3.6	67.9	3.6	25.0	3.6	3.6	78.6	14.3
Kagadi	24	37.5	25.0	37.5	0.0	8.3	91.7	0.0	0.0	8.3	25.0	29.2	37.5	8.3	50.0	8.3	33.3	0.0	4.2	83.3	12.5
Kakumiro	23	30.4	4.3	60.9	4.3	17.4	78.3	4.3	0.0	13.0	34.8	30.4	21.7	26.1	60.9	4.3	8.7	4.3	26.1	43.5	26.1
Kibaale	23	0.0	17.4	82.6	0.0	0.0	95.7	4.3	0.0	4.3	0.0	39.1	56.5	13.0	17.4	8.7	60.9	0.0	13.0	47.8	39.1
Kikuube	28	42.9	42.9	14.3	0.0	3.6	67.9	17.9	10.7	0.0	3.6	96.4	0.0	7.1	71.4	0.0	21.4	0.0	3.6	39.3	57.1
Kiryandongo	21	4.8	42.9	47.6	4.8	4.8	85.7	9.5	0.0	0.0	19.0	57.1	23.8	19.0	23.8	0.0	57.1	0.0	38.1	33.3	28.6
Masindi	41	7.3	26.8	63.4	2.4	24.4	70.7	2.4	2.4	24.4	31.7	41.5	2.4	14.6	65.9	2.4	17.1	9.8	24.4	53.7	12.2
Bunyoro	200	18.0	25.0	55.5	1.5	11.0	79.5	6.5	3.0	9.0	20.5	45.0	25.5	12.5	53.5	5.0	29.0	3.5	18.5	53.5	24.5
Bugiri	36	19.4	22.2	58.3	0.0	8.3	86.1	5.6	0.0	27.8	22.2	47.2	2.8	83.3	8.3	8.3	0.0	16.7	19.4	58.3	5.6
Bugweri	18	27.8	33.3	38.9	0.0	5.6	83.3	11.1	0.0	27.8	33.3	33.3	5.6	77.8	5.6	11.1	5.6	0.0	38.9	50.0	11.1
Buyende	25	28.0	32.0	40.0	0.0	4.0	96.0	0.0	0.0	4.0	12.0	44.0	40.0	44.0	20.0	4.0	32.0	0.0	4.0	88.0	8.0
Iganga	44	29.5	40.9	29.5	0.0	9.1	77.3	11.4	2.3	4.5	13.6	29.5	52.3	0.0	31.8	2.3	65.9	2.3	4.5	59.1	34.1
Jinja	73	4.1	19.2	76.7	0.0	15.1	76.7	2.7	5.5	4.1	16.4	32.9	46.6	12.3	58.9	15.1	13.7	1.4	12.3	74.0	12.3
Kaliro	21	9.5	28.6	61.9	0.0	0.0	100.0	0.0	0.0	14.3	9.5	33.3	42.9	52.4	23.8	4.8	19.0	4.8	4.8	71.4	19.0
Kamuli	57	19.3	15.8	63.2	1.8	1.8	96.5	1.8	0.0	3.5	1.8	21.1	73.7	8.8	35.1	31.6	24.6	3.5	1.8	80.7	14.0
Luuka	38	36.8	28.9	34.2	0.0	50.0	50.0	0.0	0.0	7.9	0.0	89.5	2.6	39.5	36.8	5.3	18.4	0.0	21.1	63.2	15.8

Water status, sanitation, hand hygiene behavior and environmental cleaning for various levels of HCFs																					
District	No of HCFs	% of HCFs with water facilities within premises				% of HCFs with sanitation facilities within premises				% of HCFs with facilities for proper hand hygiene practices within/at the premises				% of HCFs observing environmental cleanliness within premises				% of HCFs with reliable health care waste management			
		No service	Limited	Basic	Advanced	No service	Limited	Basic	Advanced	No service	Limited	Basic	Advanced	No service	Limited	Basic	Advanced	No service	Limited	Basic	Advanced
Mayuge	48	37.5	27.1	35.4	0.0	0.0	97.9	2.1	0.0	10.4	6.3	83.3	0.0	54.2	22.9	14.6	8.3	4.2	25.0	60.4	10.4
Namayingo	32	37.5	12.5	50.0	0.0	12.5	84.4	3.1	0.0	21.9	18.8	46.9	12.5	46.9	46.9	6.3	0.0	3.1	28.1	59.4	9.4
Namutumba	33	33.3	42.4	24.2	0.0	6.1	93.9	0.0	0.0	9.1	36.4	33.3	21.2	48.5	42.4	9.1	0.0	6.1	24.2	66.7	3.0
Busoga	425	24.2	26.1	49.4	0.2	10.8	84.7	3.3	1.2	10.4	13.9	44.7	31.1	35.8	34.1	12.0	18.1	3.8	15.3	67.5	13.4
Kampala	173	12.7	6.9	79.2	1.2	2.9	61.8	1.2	34.1	6.9	10.4	65.9	16.8	27.7	28.9	16.8	26.6	0.6	16.2	53.2	30.1
Kampala	173	12.7	6.9	79.2	1.2	2.9	61.8	1.2	34.1	6.9	10.4	65.9	16.8	27.7	28.9	16.8	26.6	0.6	16.2	53.2	30.1
Abim	21	57.1	9.5	33.3	0.0	9.5	66.7	23.8	0.0	4.8	19.0	47.6	28.6	14.3	38.1	14.3	33.3	9.5	14.3	57.1	19.0
Amudat	11	45.5	27.3	27.3	0.0	18.2	81.8	0.0	0.0	54.5	9.1	18.2	18.2	63.6	27.3	9.1	0.0	9.1	9.1	36.4	45.5
Kaabong	25	72.0	16.0	12.0	0.0	16.0	84.0	0.0	0.0	8.0	28.0	12.0	52.0	48.0	40.0	8.0	4.0	4.0	28.0	40.0	28.0
Karenga	10	30.0	20.0	50.0	0.0	0.0	90.0	10.0	0.0	20.0	40.0	40.0	0.0	40.0	30.0	20.0	10.0	10.0	60.0	20.0	10.0
Kotido	22	22.7	45.5	31.8	0.0	9.1	90.9	0.0	0.0	13.6	18.2	36.4	31.8	40.9	31.8	18.2	9.1	0.0	13.6	31.8	54.5
Moroto	19	21.1	31.6	47.4	0.0	0.0	100.0	0.0	0.0	0.0	42.1	42.1	15.8	31.6	36.8	15.8	15.8	5.3	5.3	52.6	36.8
Nabilatuk	6	50.0	16.7	33.3	0.0	33.3	66.7	0.0	0.0	0.0	16.7	50.0	33.3	0.0	50.0	16.7	33.3	0.0	16.7	66.7	16.7
Nakapiripirit	12	8.3	25.0	66.7	0.0	16.7	83.3	0.0	0.0	8.3	33.3	33.3	25.0	25.0	50.0	16.7	8.3	41.7	33.3	16.7	8.3
Napak	16	31.3	12.5	56.3	0.0	0.0	93.8	6.3	0.0	0.0	31.3	50.0	18.8	31.3	31.3	25.0	12.5	6.3	12.5	43.8	37.5
Karamoja	142	39.4	23.2	37.3	0.0	9.9	85.2	4.9	0.0	10.6	26.8	35.2	27.5	34.5	36.6	15.5	13.4	8.5	19.7	40.8	31.0
Kabale	58	8.6	43.1	48.3	0.0	51.7	44.8	0.0	3.4	20.7	12.1	58.6	8.6	19.0	46.6	5.2	29.3	0.0	3.4	86.2	10.3
Kanungu	51	11.8	21.6	66.7	0.0	2.0	96.1	2.0	0.0	35.3	19.6	33.3	11.8	23.5	58.8	3.9	13.7	2.0	17.6	66.7	13.7
Kisoro	48	4.2	6.3	89.6	0.0	12.5	85.4	0.0	2.1	14.6	18.8	58.3	8.3	54.2	39.6	2.1	4.2	2.1	14.6	64.6	18.8
Rubanda	38	2.6	18.4	78.9	0.0	5.3	86.8	7.9	0.0	2.6	7.9	71.1	18.4	31.6	34.2	13.2	21.1	0.0	5.3	71.1	23.7
Rubirizi	27	7.4	11.1	81.5	0.0	14.8	85.2	0.0	0.0	14.8	7.4	74.1	3.7	51.9	25.9	0.0	22.2	3.7	14.8	63.0	18.5
Rukiga	31	22.6	12.9	64.5	0.0	29.0	71.0	0.0	0.0	9.7	6.5	16.1	67.7	0.0	41.9	0.0	58.1	0.0	3.2	83.9	12.9
Rukungiri	91	12.1	22.0	65.9	0.0	2.2	76.9	19.8	1.1	2.2	14.3	65.9	17.6	28.6	41.8	3.3	26.4	0.0	11.0	76.9	12.1
Kigezi	344	9.9	21.2	68.9	0.0	15.7	76.7	6.4	1.2	13.7	13.4	55.5	17.4	29.4	42.7	4.1	23.8	0.9	10.2	74.1	14.8
Alebtong	20	30.0	20.0	50.0	0.0	5.0	90.0	5.0	0.0	20.0	50.0	30.0	0.0	95.0	5.0	0.0	0.0	20.0	35.0	30.0	15.0
Amolatar	12	25.0	25.0	50.0	0.0	8.3	91.7	0.0	0.0	33.3	25.0	16.7	25.0	91.7	0.0	8.3	0.0	0.0	16.7	75.0	8.3
Apac	19	21.1	36.8	42.1	0.0	0.0	100.0	0.0	0.0	26.3	26.3	42.1	5.3	63.2	26.3	5.3	5.3	0.0	26.3	57.9	15.8
Dokolo	17	41.2	35.3	23.5	0.0	0.0	100.0	0.0	0.0	23.5	17.6	58.8	0.0	82.4	11.8	5.9	0.0	11.8	35.3	52.9	0.0
Kole	12	16.7	16.7	66.7	0.0	0.0	91.7	8.3	0.0	16.7	16.7	58.3	8.3	50.0	16.7	16.7	16.7	0.0	16.7	66.7	16.7
Kwania	14	21.4	28.6	50.0	0.0	35.7	64.3	0.0	0.0	35.7	28.6	35.7	0.0	78.6	14.3	7.1	0.0	7.1	35.7	35.7	21.4
Lira	35	14.3	11.4	68.6	5.7	0.0	85.7	2.9	11.4	2.9	5.7	74.3	17.1	48.6	25.7	5.7	20.0	0.0	31.4	40.0	28.6
Otuke	15	20.0	20.0	60.0	0.0	26.7	73.3	0.0	0.0	26.7	46.7	26.7	0.0	86.7	6.7	6.7	0.0	0.0	53.3	20.0	26.7

Water status, sanitation, hand hygiene behavior and environmental cleaning for various levels of HCFs																					
District	No of HCFs	% of HCFs with water facilities within premises				% of HCFs with sanitation facilities within premises				% of HCFs with facilities for proper hand hygiene practices within/at the premises				% of HCFs observing environmental cleanliness within premises				% of HCFs with reliable health care waste management			
		No service	Limited	Basic	Advanced	No service	Limited	Basic	Advanced	No service	Limited	Basic	Advanced	No service	Limited	Basic	Advanced	No service	Limited	Basic	Advanced
Oyam	29	3.4	55.2	41.4	0.0	0.0	100.0	0.0	0.0	17.2	41.4	34.5	6.9	82.8	6.9	0.0	10.3	10.3	17.2	62.1	10.3
Lango	173	19.7	28.3	50.9	1.2	6.4	89.6	1.7	2.3	19.7	27.7	45.1	7.5	73.4	13.9	5.2	7.5	5.8	29.5	48.0	16.8
Buikwe	49	2.0	18.4	79.6	0.0	2.0	81.6	8.2	8.2	0.0	14.3	57.1	28.6	12.2	20.4	8.2	59.2	0.0	8.2	51.0	40.8
Buvuma	12	25.0	8.3	66.7	0.0	8.3	83.3	8.3	0.0	0.0	8.3	50.0	41.7	16.7	58.3	0.0	25.0	0.0	8.3	75.0	16.7
Kassanda	29	6.9	10.3	82.8	0.0	0.0	89.7	10.3	0.0	10.3	13.8	69.0	6.9	27.6	65.5	3.4	3.4	0.0	20.7	58.6	20.7
Kayunga	25	20.0	12.0	68.0	0.0	64.0	32.0	0.0	4.0	4.0	12.0	60.0	24.0	8.0	64.0	8.0	20.0	0.0	0.0	88.0	12.0
Kiboga	24	33.3	4.2	62.5	0.0	4.2	91.7	0.0	4.2	8.3	4.2	79.2	8.3	25.0	33.3	4.2	37.5	0.0	0.0	91.7	8.3
Kyankwanzi	20	5.0	10.0	85.0	0.0	0.0	100.0	0.0	0.0	0.0	10.0	60.0	30.0	0.0	55.0	0.0	45.0	5.0	10.0	75.0	10.0
Luwero	62	3.2	4.8	91.9	0.0	1.6	90.3	8.1	0.0	9.7	32.3	53.2	4.8	27.4	46.8	11.3	14.5	4.8	29.0	41.9	24.2
Mityana	64	15.6	10.9	73.4	0.0	0.0	89.1	10.9	0.0	29.7	12.5	50.0	7.8	28.1	45.3	1.6	25.0	1.6	21.9	45.3	31.3
Mubende	46	21.7	13.0	63.0	2.2	2.2	93.5	2.2	2.2	2.2	19.6	45.7	32.6	6.5	76.1	2.2	15.2	0.0	23.9	65.2	10.9
Mukono	59	6.8	3.4	88.1	1.7	1.7	91.5	0.0	6.8	3.4	23.7	55.9	16.9	8.5	39.0	13.6	39.0	0.0	23.7	55.9	20.3
Nakaseke	26	23.1	19.2	57.7	0.0	0.0	88.5	0.0	11.5	3.8	34.6	23.1	38.5	38.5	50.0	3.8	7.7	3.8	30.8	53.8	11.5
Nakasongola	34	26.5	14.7	58.8	0.0	5.9	85.3	5.9	2.9	2.9	44.1	32.4	20.6	26.5	35.3	2.9	35.3	0.0	20.6	64.7	14.7
North central	450	13.6	10.4	75.6	0.4	5.3	86.2	5.1	3.3	8.0	20.7	52.4	18.9	19.1	47.1	6.0	27.8	1.3	18.9	58.7	21.1
Bukomansimbi	16	6.3	0.0	93.8	0.0	12.5	81.3	6.3	0.0	6.3	18.8	37.5	37.5	81.3	6.3	0.0	12.5	12.5	12.5	56.3	18.8
Butambala	21	23.8	9.5	66.7	0.0	19.0	81.0	0.0	0.0	4.8	19.0	61.9	14.3	52.4	28.6	9.5	9.5	0.0	14.3	61.9	23.8
Gomba	19	15.8	5.3	78.9	0.0	5.3	84.2	10.5	0.0	0.0	21.1	57.9	21.1	52.6	15.8	0.0	31.6	0.0	21.1	47.4	31.6
Kalangala	18	5.6	5.6	88.9	0.0	11.1	88.9	0.0	0.0	16.7	16.7	38.9	27.8	11.1	38.9	11.1	38.9	0.0	5.6	77.8	16.7
Kalungu	24	4.2	4.2	91.7	0.0	4.2	87.5	4.2	4.2	4.2	25.0	45.8	25.0	29.2	29.2	0.0	41.7	16.7	29.2	37.5	16.7
Kyotera	43	37.2	0.0	62.8	0.0	2.3	95.3	2.3	0.0	9.3	11.6	72.1	7.0	11.6	48.8	4.7	34.9	2.3	7.0	81.4	9.3
Lwengo	34	8.8	2.9	88.2	0.0	17.6	76.5	5.9	0.0	5.9	26.5	55.9	11.8	52.9	29.4	17.6	0.0	0.0	17.6	61.8	20.6
Lyantonde	22	18.2	9.1	68.2	4.5	22.7	77.3	0.0	0.0	45.5	9.1	9.1	36.4	50.0	27.3	18.2	4.5	0.0	27.3	59.1	13.6
Masaka	33	0.0	3.0	97.0	0.0	0.0	90.9	6.1	3.0	6.1	15.2	60.6	18.2	12.1	42.4	12.1	33.3	0.0	3.0	60.6	36.4
Mpigi	32	6.3	25.0	68.8	0.0	0.0	93.8	3.1	3.1	6.3	9.4	25.0	59.4	43.8	25.0	15.6	15.6	0.0	3.1	59.4	37.5
Rakai	42	2.4	4.8	92.9	0.0	4.8	83.3	11.9	0.0	11.9	7.1	61.9	19.0	35.7	14.3	14.3	35.7	0.0	2.4	71.4	26.2
Sembabule	28	14.3	3.6	82.1	0.0	3.6	96.4	0.0	0.0	25.0	35.7	35.7	3.6	82.1	10.7	3.6	3.6	10.7	50.0	28.6	10.7
Wakiso	118	6.8	8.5	83.1	1.7	3.4	83.9	5.9	6.8	2.5	8.5	44.1	44.9	10.2	43.2	10.2	36.4	2.5	19.5	54.2	23.7
South central	450	10.9	6.7	81.8	0.7	6.4	86.2	4.9	2.4	9.1	14.9	48.0	28.0	32.2	31.8	9.8	26.2	2.9	16.0	58.7	22.4
Amuria	24	16.7	45.8	37.5	0.0	0.0	100.0	0.0	0.0	16.7	25.0	12.5	45.8	29.2	45.8	8.3	16.7	0.0	4.2	75.0	20.8
Bukedea	14	7.1	28.6	64.3	0.0	14.3	64.3	21.4	0.0	7.1	28.6	57.1	7.1	28.6	21.4	21.4	28.6	0.0	21.4	42.9	35.7
Kaberamaido	13	7.7	30.8	61.5	0.0	7.7	69.2	23.1	0.0	23.1	15.4	61.5	0.0	46.2	30.8	7.7	15.4	23.1	15.4	38.5	23.1
Kalaki	11	9.1	45.5	45.5	0.0	0.0	90.9	9.1	0.0	9.1	45.5	9.1	36.4	45.5	9.1	36.4	9.1	9.1	45.5	27.3	18.2

Water status, sanitation, hand hygiene behavior and environmental cleaning for various levels of HCFs																					
District	No of HCFs	% of HCFs with water facilities within premises				% of HCFs with sanitation facilities within premises				% of HCFs with facilities for proper hand hygiene practices within/at the premises				% of HCFs observing environmental cleanliness within premises				% of HCFs with reliable health care waste management			
		No service	Limited	Basic	Advanced	No service	Limited	Basic	Advanced	No service	Limited	Basic	Advanced	No service	Limited	Basic	Advanced	No service	Limited	Basic	Advanced
Kapelebyong	15	33.3	40.0	26.7	0.0	13.3	86.7	0.0	0.0	53.3	6.7	13.3	26.7	73.3	6.7	0.0	20.0	6.7	20.0	33.3	40.0
Katakwi	26	26.9	30.8	42.3	0.0	7.7	84.6	7.7	0.0	19.2	34.6	34.6	11.5	57.7	23.1	3.8	15.4	11.5	11.5	61.5	15.4
Kumi	21	33.3	23.8	42.9	0.0	0.0	95.2	4.8	0.0	9.5	14.3	33.3	42.9	28.6	47.6	0.0	23.8	0.0	47.6	42.9	9.5
Ngora	12	33.3	33.3	33.3	0.0	0.0	100.0	0.0	0.0	16.7	33.3	33.3	16.7	50.0	16.7	16.7	16.7	0.0	16.7	58.3	25.0
Serere	22	22.7	68.2	9.1	0.0	0.0	100.0	0.0	0.0	27.3	27.3	9.1	36.4	45.5	31.8	4.5	18.2	0.0	22.7	68.2	9.1
Soroti	34	20.6	32.4	38.2	8.8	5.9	94.1	0.0	0.0	26.5	29.4	20.6	23.5	38.2	44.1	8.8	8.8	2.9	14.7	67.6	14.7
Teso	192	21.9	38.0	38.5	1.6	4.7	90.1	5.2	0.0	21.4	26.0	26.6	26.0	43.2	31.3	8.9	16.7	4.7	20.3	55.7	19.3
Bundibugyo	26	0.0	26.9	73.1	0.0	11.5	80.8	7.7	0.0	19.2	26.9	42.3	11.5	65.4	34.6	0.0	0.0	19.2	50.0	15.4	15.4
Bunyangabu	23	4.3	4.3	91.3	0.0	0.0	95.7	0.0	4.3	0.0	17.4	69.6	13.0	17.4	60.9	0.0	21.7	0.0	0.0	87.0	13.0
Kabarole	47	21.3	12.8	66.0	0.0	8.5	76.6	10.6	4.3	17.0	29.8	44.7	8.5	10.6	61.7	4.3	23.4	6.4	31.9	48.9	12.8
Kamwenge	29	13.8	0.0	82.8	3.4	13.8	86.2	0.0	0.0	10.3	34.5	34.5	20.7	34.5	62.1	0.0	3.4	0.0	24.1	55.2	20.7
Kasese	106	23.6	20.8	55.7	0.0	6.6	75.5	15.1	2.8	19.8	34.0	40.6	5.7	17.9	62.3	3.8	16.0	0.9	24.5	49.1	25.5
Kitagwenda	11	0.0	45.5	54.5	0.0	9.1	72.7	18.2	0.0	18.2	18.2	63.6	0.0	27.3	54.5	0.0	18.2	0.0	0.0	72.7	27.3
Kyegegwa	17	5.9	17.6	70.6	5.9	0.0	94.1	5.9	0.0	5.9	17.6	76.5	0.0	11.8	23.5	11.8	52.9	0.0	11.8	47.1	41.2
Kyenjojo	26	0.0	7.7	92.3	0.0	3.8	84.6	7.7	3.8	0.0	7.7	50.0	42.3	19.2	38.5	11.5	30.8	0.0	3.8	69.2	26.9
Ntoroko	5	40.0	20.0	40.0	0.0	20.0	80.0	0.0	0.0	0.0	60.0	40.0	0.0	20.0	80.0	0.0	0.0	40.0	40.0	0.0	20.0
Tooro	290	14.8	16.2	68.3	0.7	7.2	80.7	9.7	2.4	13.8	27.9	46.9	11.4	22.8	55.2	3.8	18.3	3.8	22.8	51.4	22.1
Adjumani	48	20.8	45.8	33.3	0.0	8.3	64.6	8.3	18.8	6.3	18.8	64.6	10.4	22.9	45.8	10.4	20.8	2.1	16.7	31.3	50.0
Arua	33	21.2	27.3	51.5	0.0	9.1	81.8	0.0	9.1	3.0	9.1	81.8	6.1	33.3	36.4	6.1	24.2	0.0	12.1	45.5	42.4
Koboko	13	15.4	30.8	53.8	0.0	0.0	100.0	0.0	0.0	23.1	7.7	69.2	0.0	30.8	69.2	0.0	0.0	0.0	0.0	30.8	69.2
Madi-Okollo	19	21.1	15.8	63.2	0.0	10.5	84.2	5.3	0.0	0.0	5.3	36.8	57.9	21.1	42.1	0.0	36.8	0.0	0.0	47.4	52.6
Maracha	18	33.3	5.6	61.1	0.0	27.8	61.1	5.6	5.6	0.0	0.0	72.2	27.8	16.7	55.6	5.6	22.2	0.0	16.7	22.2	61.1
Moyo	29	31.0	27.6	37.9	3.4	0.0	93.1	6.9	0.0	3.4	13.8	58.6	24.1	17.2	44.8	3.4	34.5	3.4	0.0	44.8	51.7
Nebbi	26	7.7	50.0	42.3	0.0	0.0	84.6	3.8	11.5	0.0	7.7	38.5	53.8	19.2	61.5	7.7	11.5	0.0	3.8	69.2	26.9
Obongi	17	17.6	23.5	58.8	0.0	5.9	88.2	5.9	0.0	5.9	17.6	17.6	58.8	5.9	41.2	29.4	23.5	0.0	5.9	23.5	70.6
Pakwach	18	11.1	5.6	83.3	0.0	5.6	88.9	5.6	0.0	0.0	11.1	38.9	50.0	5.6	66.7	0.0	27.8	0.0	5.6	83.3	11.1
Terego	34	32.4	17.6	50.0	0.0	52.9	44.1	2.9	0.0	2.9	5.9	14.7	76.5	11.8	47.1	14.7	26.5	0.0	5.9	35.3	58.8
Yumbe	62	12.9	19.4	62.9	4.8	58.1	33.9	6.5	1.6	0.0	11.3	54.8	33.9	4.8	32.3	3.2	59.7	0.0	3.2	41.9	54.8
Zombo	19	21.1	42.1	36.8	0.0	0.0	94.7	5.3	0.0	0.0	31.6	68.4	0.0	10.5	26.3	0.0	63.2	0.0	5.3	78.9	15.8
West Nile	336	20.2	27.1	51.5	1.2	20.8	69.0	5.1	5.1	3.0	11.9	52.4	32.7	16.1	44.6	6.8	32.4	0.6	6.8	44.6	47.9
National	4,272	17.2	21.6	60.5	0.6	9.7	81.5	4.7	4.1	11.9	20.6	46.7	20.7	31.9	39.8	7.7	20.6	3.1	17.8	55.7	23.4

5.2 Regional based summaries for WASH indicators by HCF level and services levels

Level of HCFs	No of HCFs	Water status, sanitation, hand hygiene behavior and environmental cleaning for various levels of HCFs												% of HCFs with reliable health care waste management							
		% of HCFs with water facilities within premises				% of HCFs with sanitation facilities within premises				% of HCFs with facilities for proper hand hygiene practices within/at the premises				% of HCFs observing environmental cleanliness within premises							
		No service	Limited	Basic	Advanced	No service	Limited	Basic	Advanced	No service	Limited	Basic	Advanced	No service	Limited	Basic	Advanced				
HCII	173	17.3	31.8	49.7	1.2	22.5	75.1	1.2	1.2	23.7	31.8	34.7	9.8	45.7	40.5	2.9	11.0	2.3	16.2	41.6	39.9
HCIII	85	9.4	25.9	63.5	1.2	18.8	74.1	5.9	1.2	15.3	23.5	51.8	9.4	20.0	52.9	7.1	20.0	2.4	12.9	27.1	57.6
HCIV	8	12.5	12.5	75.0	0.0	0.0	100.0	0.0	0.0	12.5	37.5	37.5	12.5	25.0	37.5	12.5	25.0	0.0	12.5	25.0	62.5
Hospital	8	0.0	0.0	100.0	0.0	0.0	62.5	0.0	37.5	0.0	12.5	62.5	25.0	25.0	37.5	0.0	37.5	0.0	0.0	37.5	62.5
Gen. Hospital	7	0.0	0.0	100.0	0.0	0.0	57.1	0.0	42.9	0.0	14.3	57.1	28.6	28.6	28.6	0.0	42.9	0.0	0.0	42.9	57.1
RRH	1	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
Acholi	274	14.2	28.5	56.2	1.1	20.1	75.2	2.6	2.2	20.1	28.8	40.9	10.2	36.5	44.2	4.4	15.0	2.2	14.6	36.5	46.7
HCII	241	12.4	14.5	73.0	0.0	5.8	90.9	2.5	0.8	16.2	27.0	45.2	11.6	38.6	50.6	3.3	7.5	5.8	27.0	56.8	10.4
HCIII	118	2.5	8.5	89.0	0.0	4.2	87.3	6.8	1.7	3.4	22.0	55.9	18.6	29.7	40.7	11.9	17.8	3.4	13.6	56.8	26.3
HCIV	22	0.0	13.6	86.4	0.0	0.0	86.4	13.6	0.0	9.1	31.8	45.5	13.6	13.6	40.9	4.5	40.9	0.0	0.0	77.3	22.7
Hospital	10	10.0	0.0	90.0	0.0	0.0	90.0	10.0	0.0	10.0	10.0	60.0	20.0	20.0	20.0	20.0	40.0	0.0	0.0	40.0	60.0
Gen. Hospital	9	11.1	0.0	88.9	0.0	0.0	88.9	11.1	0.0	11.1	11.1	66.7	11.1	22.2	22.2	22.2	33.3	0.0	0.0	44.4	55.6
RRH	1	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
Ankole	391	8.7	12.3	79.0	0.0	4.9	89.5	4.6	1.0	11.8	25.3	48.8	14.1	34.0	46.3	6.4	13.3	4.6	20.7	57.5	17.1
HCII	104	23.1	33.7	43.3	0.0	16.3	77.9	4.8	1.0	15.4	18.3	49.0	17.3	30.8	58.7	1.0	9.6	1.9	19.2	71.2	7.7
HCIII	117	15.4	22.2	62.4	0.0	3.4	91.5	4.3	0.9	4.3	12.0	58.1	25.6	22.2	36.8	6.0	35.0	0.9	10.3	77.8	11.1
HCIV	13	15.4	7.7	76.9	0.0	7.7	76.9	15.4	0.0	0.0	15.4	69.2	15.4	7.7	30.8	0.0	61.5	0.0	23.1	38.5	38.5
Hospital	8	0.0	12.5	87.5	0.0	0.0	50.0	12.5	37.5	0.0	12.5	37.5	50.0	12.5	12.5	0.0	75.0	0.0	12.5	12.5	75.0
Gen. Hospital	7	0.0	14.3	85.7	0.0	0.0	42.9	14.3	42.9	0.0	14.3	28.6	57.1	14.3	14.3	0.0	71.4	0.0	14.3	14.3	71.4
RRH	1	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
Bugisu	242	18.2	26.0	55.8	0.0	9.1	83.5	5.4	2.1	8.7	14.9	54.1	22.3	24.8	45.0	3.3	26.9	1.2	14.9	70.7	13.2
HCII	81	23.5	33.3	43.2	0.0	12.3	86.4	0.0	1.2	22.2	32.1	30.9	14.8	50.6	42.0	3.7	3.7	4.9	32.1	59.3	3.7
HCIII	90	2.2	27.8	70.0	0.0	10.0	84.4	5.6	0.0	6.7	24.4	45.6	23.3	26.7	44.4	10.0	18.9	0.0	15.6	74.4	10.0
HCIV	11	0.0	9.1	90.9	0.0	9.1	72.7	18.2	0.0	9.1	9.1	36.4	45.5	18.2	36.4	18.2	27.3	0.0	27.3	45.5	27.3
Hospital	8	12.5	12.5	75.0	0.0	12.5	75.0	0.0	12.5	0.0	12.5	50.0	37.5	12.5	25.0	12.5	50.0	0.0	0.0	50.0	50.0
Gen. Hospital	8	12.5	12.5	75.0	0.0	12.5	75.0	0.0	12.5	0.0	12.5	50.0	37.5	12.5	25.0	12.5	50.0	0.0	0.0	50.0	50.0
Bukedi	190	11.6	28.4	60.0	0.0	11.1	84.2	3.7	1.1	13.2	26.3	38.9	21.6	35.8	42.1	7.9	14.2	2.1	22.6	65.3	10.0
HCII	94	19.1	31.9	47.9	1.1	14.9	78.7	5.3	1.1	11.7	24.5	40.4	23.4	9.6	69.1	0.0	21.3	6.4	25.5	50.0	18.1
HCIII	87	20.7	18.4	58.6	2.3	8.0	79.3	9.2	3.4	6.9	14.9	47.1	31.0	18.4	36.8	11.5	33.3	1.1	11.5	62.1	25.3
HCIV	12	0.0	33.3	66.7	0.0	0.0	91.7	0.0	8.3	8.3	25.0	58.3	8.3	0.0	58.3	0.0	41.7	0.0	25.0	25.0	50.0
Hospital	7	0.0	0.0	100.0	0.0	14.3	71.4	0.0	14.3	0.0	28.6	57.1	14.3	0.0	42.9	0.0	57.1	0.0	0.0	42.9	57.1
Gen. Hospital	6	0.0	0.0	100.0	0.0	16.7	83.3	0.0	0.0	0.0	33.3	66.7	0.0	0.0	50.0	0.0	50.0	0.0	0.0	50.0	50.0
RRH	1	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0

Water status, sanitation, hand hygiene behavior and environmental cleaning for various levels of HCFs																					
Level of HCFs	No of HCFs	% of HCFs with water facilities within premises				% of HCFs with sanitation facilities within premises				% of HCFs with facilities for proper hand hygiene practices within/at the premises				% of HCFs observing environmental cleanliness within premises				% of HCFs with reliable health care waste management			
		No service	Limited	Basic	Advanced	No service	Limited	Basic	Advanced	No service	Limited	Basic	Advanced	No service	Limited	Basic	Advanced	No service	Limited	Basic	Advanced
Bunyoro	200	18.0	25.0	55.5	1.5	11.0	79.5	6.5	3.0	9.0	20.5	45.0	25.5	12.5	53.5	5.0	29.0	3.5	18.5	53.5	24.5
HCII	280	33.9	30.0	36.1	0.0	10.7	86.8	2.5	0.0	13.6	15.0	43.9	27.5	41.1	36.1	10.7	12.1	4.3	15.7	71.4	8.6
HCIII	110	5.5	20.0	74.5	0.0	11.8	83.6	3.6	0.9	3.6	11.8	49.1	35.5	25.5	28.2	16.4	30.0	3.6	15.5	61.8	19.1
HCIV	21	4.8	19.0	71.4	4.8	4.8	76.2	14.3	4.8	4.8	9.5	57.1	28.6	28.6	33.3	14.3	23.8	0.0	14.3	47.6	38.1
Hospital	14	7.1	7.1	85.7	0.0	14.3	64.3	0.0	21.4	7.1	14.3	7.1	71.4	21.4	42.9	0.0	35.7	0.0	7.1	64.3	28.6
Gen. Hospital	14	7.1	7.1	85.7	0.0	14.3	64.3	0.0	21.4	7.1	14.3	7.1	71.4	21.4	42.9	0.0	35.7	0.0	7.1	64.3	28.6
Busoga	425	24.2	26.1	49.4	0.2	10.8	84.7	3.3	1.2	10.4	13.9	44.7	31.1	35.8	34.1	12.0	18.1	3.8	15.3	67.5	13.4
HCII	59	9.1	21.8	65.5	3.6	5.5	78.2	3.6	12.7	7.3	9.1	63.6	20.0	21.8	40.0	12.7	25.5	0.0	14.5	76.4	9.1
HCIII	30	10.0	0.0	90.0	0.0	6.7	73.3	0.0	20.0	3.3	6.7	60.0	30.0	16.7	26.7	6.7	50.0	0.0	13.3	83.3	3.3
HCIV	4	25.0	0.0	75.0	0.0	0.0	50.0	0.0	50.0	25.0	0.0	50.0	25.0	25.0	25.0	25.0	25.0	0.0	25.0	50.0	25.0
Hospital	80	16.3	0.0	83.8	0.0	0.0	45.0	0.0	55.0	7.5	13.8	71.3	7.5	37.5	23.8	23.8	15.0	1.3	18.8	26.3	53.8
Gen. Hospital	28	7.1	0.0	92.9	0.0	0.0	50.0	0.0	50.0	3.6	3.6	78.6	14.3	10.7	21.4	39.3	28.6	0.0	7.1	35.7	57.1
NRH	52	19.6	0.0	80.4	0.0	0.0	46.4	0.0	53.6	8.9	17.9	66.1	7.1	48.2	23.2	14.3	14.3	1.8	23.2	23.2	51.8
Kampala	173	12.7	6.9	79.2	1.2	2.9	61.8	1.2	34.1	6.9	10.4	65.9	16.8	27.7	28.9	16.8	26.6	0.6	16.2	53.2	30.1
HCII	90	47.8	23.3	28.9	0.0	10.0	85.6	4.4	0.0	10.0	23.3	36.7	30.0	37.8	40.0	13.3	8.9	12.2	23.3	46.7	17.8
HCIII	42	26.2	23.8	50.0	0.0	7.1	85.7	7.1	0.0	11.9	28.6	33.3	26.2	31.0	28.6	16.7	23.8	2.4	14.3	33.3	50.0
HCIV	6	16.7	16.7	66.7	0.0	33.3	66.7	0.0	0.0	0.0	50.0	33.3	16.7	33.3	33.3	33.3	0.0	0.0	16.7	33.3	50.0
Hospital	4	25.0	25.0	50.0	0.0	0.0	100.0	0.0	0.0	25.0	50.0	25.0	0.0	0.0	50.0	25.0	25.0	0.0	0.0	0.0	100.0
Gen. Hospital	3	33.3	33.3	33.3	0.0	0.0	100.0	0.0	0.0	33.3	66.7	0.0	0.0	0.0	66.7	33.3	0.0	0.0	0.0	0.0	100.0
RRH	1	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	100.0
Karamoja	142	39.4	23.2	37.3	0.0	9.9	85.2	4.9	0.0	10.6	26.8	35.2	27.5	34.5	36.6	15.5	13.4	8.5	19.7	40.8	31.0
HCII	224	13.8	24.6	61.6	0.0	19.6	76.3	3.6	0.4	14.3	14.7	55.4	15.6	34.4	46.9	4.0	14.7	1.3	12.5	79.5	6.7
HCIII	91	3.3	15.4	81.3	0.0	6.6	81.3	11.0	1.1	13.2	13.2	54.9	18.7	20.9	35.2	2.2	41.8	0.0	6.6	70.3	23.1
HCIV	22	0.0	13.6	86.4	0.0	18.2	63.6	13.6	4.5	13.6	0.0	63.6	22.7	22.7	31.8	4.5	40.9	0.0	4.5	59.1	36.4
Hospital	7	0.0	14.3	85.7	0.0	0.0	71.4	14.3	14.3	0.0	14.3	42.9	42.9	0.0	42.9	28.6	28.6	0.0	0.0	0.0	100.0
Gen. Hospital	6	0.0	16.7	83.3	0.0	0.0	83.3	16.7	0.0	0.0	16.7	50.0	33.3	0.0	33.3	33.3	33.3	0.0	0.0	0.0	100.0
RRH	1	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	100.0
Kigezi	344	9.9	21.2	68.9	0.0	15.7	76.7	6.4	1.2	13.7	13.4	55.5	17.4	29.4	42.7	4.1	23.8	0.9	10.2	74.1	14.8
HCII	79	29.1	36.7	34.2	0.0	5.1	94.9	0.0	0.0	27.8	40.5	29.1	2.5	83.5	11.4	2.5	2.5	6.3	38.0	45.6	10.1
HCIII	78	13.0	20.8	66.2	0.0	7.8	87.0	3.9	1.3	11.7	19.5	58.4	10.4	68.8	13.0	7.8	10.4	6.5	26.0	48.1	19.5
HCIV	9	0.0	33.3	66.7	0.0	11.1	88.9	0.0	0.0	33.3	11.1	44.4	11.1	66.7	11.1	0.0	22.2	0.0	0.0	66.7	33.3
Hospital	7	0.0	14.3	57.1	28.6	0.0	57.1	0.0	42.9	0.0	0.0	71.4	28.6	28.6	42.9	14.3	14.3	0.0	14.3	42.9	42.9
Gen. Hospital	6	14.3	14.3	42.9	28.6	0.0	57.1	0.0	42.9	0.0	0.0	71.4	28.6	28.6	42.9	14.3	14.3	0.0	0.0	57.1	42.9
RRH	1	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	100.0

Water status, sanitation, hand hygiene behavior and environmental cleaning for various levels of HCFs																					
Level of HCFs	No of HCFs	% of HCFs with water facilities within premises				% of HCFs with sanitation facilities within premises				% of HCFs with facilities for proper hand hygiene practices within/at the premises				% of HCFs observing environmental cleanliness within premises				% of HCFs with reliable health care waste management			
		No service	Limited	Basic	Advanced	No service	Limited	Basic	Advanced	No service	Limited	Basic	Advanced	No service	Limited	Basic	Advanced	No service	Limited	Basic	Advanced
Lango	173	19.7	28.3	50.9	1.2	6.4	89.6	1.7	2.3	19.7	27.7	45.1	7.5	73.4	13.9	5.2	7.5	5.8	29.5	48.0	16.8
HCII	248	19.4	12.9	67.7	0.0	5.6	91.1	2.8	0.4	9.7	26.6	49.6	14.1	23.8	55.6	2.0	18.5	2.0	24.2	64.5	9.3
HCIII	166	6.6	7.2	84.9	1.2	4.8	83.7	7.2	4.2	6.6	12.7	57.2	23.5	15.7	37.3	11.4	35.5	0.6	13.9	56.0	29.5
HCIV	20	5.0	10.0	85.0	0.0	10.0	75.0	15.0	0.0	5.0	15.0	55.0	25.0	0.0	35.0	10.0	55.0	0.0	5.0	50.0	45.0
Hospital	16	6.3	6.3	87.5	0.0	0.0	50.0	6.3	43.8	0.0	18.8	43.8	37.5	6.3	31.3	6.3	56.3	0.0	6.3	6.3	87.5
Gen. Hospital	15	6.7	6.7	86.7	0.0	0.0	46.7	6.7	46.7	0.0	20.0	46.7	33.3	6.7	26.7	6.7	60.0	0.0	6.7	0.0	93.3
RRH	1	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	100.0	0.0	0.0	0.0	0.0	100.0	0.0
North Central	450	13.6	10.4	75.6	0.4	5.3	86.2	5.1	3.3	8.0	20.7	52.4	18.9	19.1	47.1	6.0	27.8	1.3	18.9	58.7	21.1
HCII	227	16.3	8.8	74.9	0.0	7.0	86.8	3.5	2.6	11.9	18.9	48.0	21.1	40.5	35.7	7.5	16.3	3.1	21.6	63.4	11.9
HCIII	186	5.4	5.4	87.6	1.6	5.4	88.7	4.8	1.1	5.9	11.8	45.7	36.6	25.3	28.0	11.3	35.5	2.7	10.2	55.4	31.7
HCIV	21	4.8	0.0	95.2	0.0	4.8	76.2	19.0	0.0	9.5	9.5	57.1	23.8	19.0	33.3	23.8	23.8	4.8	19.0	42.9	33.3
Hospital	16	6.3	0.0	93.8	0.0	12.5	62.5	6.3	18.8	6.3	0.0	62.5	31.3	12.5	18.8	6.3	62.5	0.0	0.0	50.0	50.0
Gen. Hospital	14	7.1	0.0	92.9	0.0	14.3	64.3	7.1	14.3	7.1	0.0	64.3	28.6	14.3	14.3	7.1	64.3	0.0	0.0	57.1	42.9
RRH	2	0.0	0.0	100.0	0.0	0.0	50.0	0.0	50.0	0.0	0.0	50.0	0.0	50.0	0.0	50.0	0.0	0.0	0.0	0.0	100.0
South Central	450	10.9	6.7	81.8	0.7	6.4	86.2	4.9	2.4	9.1	14.9	48.0	28.0	32.2	31.8	9.8	26.2	2.9	16.0	58.7	22.4
HCII	93	24.7	44.1	30.1	1.1	7.5	92.5	0.0	0.0	28.0	34.4	18.3	19.4	64.5	25.8	5.4	4.3	3.2	26.9	55.9	14.0
HCIII	81	23.5	33.3	42.0	1.2	12	90.1	8.6	0.0	17.3	18.5	37.0	27.2	25.9	37.0	12.3	24.7	6.2	17.3	61.7	14.8
HCIV	10	0.0	20.0	70.0	10.0	0.0	90.0	10.0	0.0	0.0	20.0	20.0	60.0	10.0	40.0	0.0	50.0	0.0	0.0	40.0	60.0
Hospital	8	0.0	37.5	62.5	0.0	12.5	62.5	25.0	0.0	12.5	12.5	25.0	50.0	12.5	25.0	25.0	37.5	12.5	0.0	12.5	75.0
Gen. Hospital	7	0.0	28.6	71.4	0.0	14.3	57.1	28.6	0.0	14.3	14.3	28.6	42.9	14.3	14.3	28.6	42.9	14.3	0.0	14.3	71.4
RRH	1	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	100.0
Teso	192	21.9	38.0	38.5	1.6	4.7	90.1	5.2	0.0	21.4	26.0	26.6	26.0	43.2	31.3	8.9	16.7	4.7	20.3	55.7	19.3
HCII	132	23.5	18.2	58.3	0.0	10.6	81.8	5.3	2.3	17.4	31.8	43.2	7.6	30.3	59.1	1.5	9.1	4.5	28.8	57.6	9.1
HCIII	126	8.7	15.1	75.4	0.8	4.0	81.7	11.9	2.4	11.1	24.6	50.8	13.5	15.9	55.6	5.6	23.0	1.6	18.3	50.8	29.4
HCIV	18	5.6	16.7	77.8	0.0	11.1	77.8	11.1	0.0	11.1	27.8	44.4	16.7	16.7	44.4	5.6	33.3	11.1	11.1	44.4	33.3
Hospital	14	0.0	7.1	85.7	7.1	0.0	64.3	28.6	7.1	7.1	21.4	50.0	21.4	21.4	28.6	7.1	42.9	7.1	21.4	7.1	64.3
Gen. Hospital	13	0.0	7.7	84.6	7.7	0.0	61.5	30.8	7.7	0.0	23.1	53.8	23.1	23.1	7.7	46.2	7.7	23.1	7.7	61.5	
RRH	1	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0

Water status, sanitation, hand hygiene behavior and environmental cleaning for various levels of HCFs																					
Level of HCFs	No of HCFs	% of HCFs with water facilities within premises				% of HCFs with sanitation facilities within premises				% of HCFs with facilities for proper hand hygiene practices within/at the premises				% of HCFs observing environmental cleanliness within premises				% of HCFs with reliable health care waste management			
		No service	Limited	Basic	Advanced	No service	Limited	Basic	Advanced	No service	Limited	Basic	Advanced	No service	Limited	Basic	Advanced	No service	Limited	Basic	Advanced
Tooro	290	14.8	16.2	68.3	0.7	7.2	80.7	9.7	2.4	13.8	27.9	46.9	11.4	22.8	55.2	3.8	18.3	3.8	22.8	51.4	22.1
HCII	150	32.7	32.7	34.7	0.0	14.7	81.3	2.0	2.0	3.3	18.7	45.3	32.7	20.0	56.7	6.0	17.3	1.3	10.0	60.0	28.7
HCIII	159	11.9	23.3	62.9	1.9	28.9	60.4	5.7	5.0	2.5	6.9	58.5	32.1	13.8	34.6	6.9	44.7	0.0	5.0	31.4	63.5
HCIV	16	0.0	25.0	75.0	0.0	12.5	50.0	18.8	18.8	6.3	0.0	62.5	31.3	6.3	50.0	18.8	25.0	0.0	0.0	43.8	56.3
Hospital	11	0.0	10.0	90.0	0.0	0.0	50.0	20.0	30.0	0.0	10.0	40.0	50.0	10.0	20.0	0.0	70.0	0.0	0.0	20.0	80.0
Gen. Hospital	10	0.0	10.0	90.0	0.0	0.0	50.0	20.0	30.0	0.0	10.0	40.0	50.0	10.0	20.0	0.0	70.0	0.0	0.0	20.0	80.0
RRH	1	0.0	0.0	0.0	100.0	0.0	100.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0
West Nile	336	20.2	27.1	51.5	1.2	20.8	69.0	5.1	5.1	3.0	11.9	52.4	32.7	16.1	44.6	6.8	32.4	0.6	6.8	44.6	47.9
Overall																					
HCII	2,275	22.3	24.2	53.3	0.3	11.3	84.6	2.8	1.2	14.8	23.4	43.8	18.0	36.9	45.4	5.1	12.6	3.7	21.2	61.6	13.6
HCIII	1,566	9.7	17.0	72.5	0.8	9.0	82.1	6.6	2.3	7.6	15.9	51.6	24.9	23.8	36.4	9.5	30.3	2.0	13.0	55.6	29.5
HCIV	213	4.2	15.0	79.8	0.9	8.0	76.1	12.2	3.8	8.9	16.0	51.6	23.5	17.4	37.1	10.3	35.2	1.4	10.8	48.4	39.4
Hospital	218	8.8	5.5	84.3	1.4	3.2	57.1	6.0	33.6	5.5	13.8	54.8	25.8	22.6	27.6	14.3	35.5	1.4	10.1	28.1	60.4
Gen. Hospital	153	5.8	7.1	85.1	1.9	4.5	61.0	8.4	26.0	3.9	13.0	51.9	31.2	14.3	26.6	14.9	44.2	1.3	5.2	32.5	61.0
RRH	13	0.0	7.7	84.6	7.7	0.0	76.9	0.0	23.1	7.7	0.0	46.2	46.2	0.0	53.8	0.0	46.2	0.0	7.7	15.4	76.9
NRH	52	19.6	0.0	80.4	0.0	0.0	46.4	0.0	53.6	8.9	17.9	66.1	7.1	48.2	23.2	14.3	14.3	1.8	23.2	23.2	51.8
Owner																					
Gov't	3,187	17.9	20.7	61.1	0.3	10.4	82.5	4.6	2.4	12.0	21.7	47.0	19.3	31.5	42.7	6.8	19.0	2.8	18.5	60.7	18.0
PNFP	1,085	10.8	18.4	69.5	1.3	8.2	80.1	5.3	6.4	9.4	14.3	49.5	26.8	27.1	35.1	9.2	28.6	2.9	13.0	46.1	38.0
National	4,272	17.2	21.6	60.5	0.6	9.7	81.5	4.7	4.1	11.9	20.6	46.7	20.7	31.9	39.8	7.7	20.6	3.1	17.8	55.7	23.4

5.3 Summary for WASH in HCFs by location (rural urban divide)

Location	No of HCFs	% of HCFs with water facilities within premises				% of HCFs with sanitation facilities within premises				% of HCFs with facilities for proper hand hygiene practices within/at the premises				% of HCFs observing environmental cleanliness within premises				% of HCFs with reliable health care waste management			
		No service	Limited	Basic	Advanced	No service	Limited	Basic	Advanced	No service	Limited	Basic	Advanced	No service	Limited	Basic	Advanced	No service	Limited	Basic	Advanced
Rural	203	17.7	31.5	49.8	1.0	23.6	72.9	3.0	0.5	21.2	31.5	37.4	9.9	36.9	44.8	4.9	13.3	2.0	14.8	36.5	46.8
Urban	71	4.2	19.7	74.6	1.4	9.9	81.7	1.4	7.0	16.9	21.1	50.7	11.3	35.2	42.3	2.8	19.7	2.8	14.1	36.6	46.5
Acholi	274	14.2	28.5	56.2	1.1	20.1	75.2	2.6	2.2	20.1	28.8	40.9	10.2	36.5	44.2	4.4	15.0	2.2	14.6	36.5	46.7
Rural	270	10.7	12.2	77.0	0.0	5.2	90.7	3.7	0.4	13.7	23.3	47.0	15.9	34.8	48.9	4.8	11.5	5.9	25.6	55.6	13.0
Urban	121	4.1	12.4	83.5	0.0	4.1	86.8	6.6	2.5	7.4	29.8	52.9	9.9	32.2	40.5	9.9	17.4	1.7	9.9	62.0	26.4
Ankole	391	8.7	12.3	79.0	0.0	4.9	89.5	4.6	1.0	11.8	25.3	48.8	14.1	34.0	46.3	6.4	13.3	4.6	20.7	57.5	17.1
Rural	184	22.3	31.0	46.7	0.0	9.8	84.8	5.4	0.0	9.8	14.7	56.5	19.0	26.1	46.7	2.7	24.5	0.5	15.8	74.5	9.2
Urban	58	5.2	10.3	84.5	0.0	6.9	79.3	5.2	8.6	5.2	15.5	46.6	32.8	20.7	39.7	5.2	34.5	3.4	12.1	58.6	25.9
Bugisu	242	18.2	26.0	55.8	0.0	9.1	83.5	5.4	2.1	8.7	14.9	54.1	22.3	24.8	45.0	3.3	26.9	1.2	14.9	70.7	13.2
Rural	140	12.9	30.0	57.1	0.0	11.4	85.7	2.9	0.0	15.0	25.0	42.1	17.9	42.1	37.9	7.1	12.9	2.9	25.7	65.0	6.4
Urban	50	8.0	24.0	68.0	0.0	10.0	80.0	6.0	4.0	8.0	30.0	30.0	32.0	18.0	54.0	10.0	18.0	0.0	14.0	66.0	20.0
Bukedi	190	11.6	28.4	60.0	0.0	11.1	84.2	3.7	1.1	13.2	26.3	38.9	21.6	35.8	42.1	7.9	14.2	2.1	22.6	65.3	10.0
Rural	142	23.2	26.8	47.9	2.1	5.6	83.8	7.7	2.8	10.6	23.2	43.0	23.2	12.7	53.5	4.9	28.9	4.2	19.0	52.1	24.6
Urban	58	5.2	20.7	74.1	0.0	24.1	69.0	3.4	3.4	5.2	13.8	50.0	31.0	12.1	53.4	5.2	29.3	1.7	17.2	56.9	24.1
Bunyoro	200	18.0	25.0	55.5	1.5	11.0	79.5	6.5	3.0	9.0	20.5	45.0	25.5	12.5	53.5	5.0	29.0	3.5	18.5	53.5	24.5
Rural	319	30.1	29.8	40.1	0.0	10.7	85.9	3.1	0.3	11.0	14.4	47.0	27.6	37.9	30.4	12.2	19.4	4.1	15.7	68.7	11.6
Urban	106	6.6	15.1	77.4	0.9	11.3	81.1	3.8	3.8	8.5	12.3	37.7	41.5	29.2	45.3	11.3	14.2	2.8	14.2	64.2	18.9
Busoga	425	24.2	26.1	49.4	0.2	10.8	84.7	3.3	1.2	10.4	13.9	44.7	31.1	35.8	34.1	12.0	18.1	3.8	15.3	67.5	13.4
Kampala	173	12.2	7.0	79.7	1.2	2.3	62.2	1.2	34.3	6.4	10.5	66.3	16.9	27.9	28.5	16.9	26.7	0.6	15.7	53.5	30.2
Kampala	173	12.7	6.9	79.2	1.2	2.9	61.8	1.2	34.1	6.9	10.4	65.9	16.8	27.7	28.9	16.8	26.6	0.6	16.2	53.2	30.1
Rural	109	46.8	24.8	28.4	0.0	9.2	86.2	4.6	0.0	11.0	31.2	32.1	25.7	35.8	35.8	16.5	11.9	11.0	20.2	41.3	27.5
Urban	33	15.2	18.2	66.7	0.0	12.1	81.8	6.1	0.0	9.1	12.1	45.5	33.3	30.3	39.4	12.1	18.2	0.0	18.2	39.4	42.4
Karamoja	142	39.4	23.2	37.3	0.0	9.9	85.2	4.9	0.0	10.6	26.8	35.2	27.5	34.5	36.6	15.5	13.4	8.5	19.7	40.8	31.0
Rural	272	12.1	20.6	67.3	0.0	18.8	75.0	5.9	0.4	14.7	12.9	54.8	17.6	31.3	41.9	4.0	22.8	0.7	8.1	76.8	14.3
Urban	72	1.4	23.6	75.0	0.0	4.2	83.3	8.3	4.2	9.7	15.3	58.3	16.7	22.2	45.8	4.2	27.8	1.4	18.1	63.9	16.7
Kigezi	344	9.9	21.2	68.9	0.0	15.7	76.7	6.4	1.2	13.7	13.4	55.5	17.4	29.4	42.7	4.1	23.8	0.9	10.2	74.1	14.8
Rural	134	23.9	35.1	41.0	0.0	7.5	91.0	1.5	0.0	20.1	30.6	45.5	3.7	74.6	12.7	5.2	7.5	6.7	29.9	50.0	13.4
Urban	39	5.1	5.1	84.6	5.1	2.6	84.6	2.6	10.3	17.9	17.9	43.6	20.5	69.2	17.9	5.1	7.7	2.6	28.2	41.0	28.2
Lango	173	19.7	28.3	50.9	1.2	6.4	89.6	1.7	2.3	19.7	27.7	45.1	7.5	73.4	13.9	5.2	7.5	5.8	29.5	48.0	16.8
Rural	313	17.9	8.3	73.2	0.6	7.7	87.2	3.5	1.6	7.3	21.4	52.7	18.5	22.7	49.2	4.5	23.6	1.3	22.0	64.5	12.1
Urban	137	3.6	15.3	81.0	0.0	0.0	83.9	8.8	7.3	9.5	19.0	51.8	19.7	10.9	42.3	9.5	37.2	1.5	11.7	45.3	41.6

Water status, sanitation, hand hygiene behavior and environmental cleaning for various levels of HCFs																					
Location	No of HCFs	% of HCFs with water facilities within premises				% of HCFs with sanitation facilities within premises				% of HCFs with facilities for proper hand hygiene practices within/at the premises				% of HCFs observing environmental cleanliness within premises				% of HCFs with reliable health care waste management			
		No service	Limited	Basic	Advanced	No service	Limited	Basic	Advanced	No service	Limited	Basic	Advanced	No service	Limited	Basic	Advanced	No service	Limited	Basic	Advanced
North Central	450	13.6	10.4	75.6	0.4	5.3	86.2	51	3.3	8.0	20.7	52.4	18.9	19.1	47.1	6.0	27.8	1.3	18.9	58.7	21.1
Rural	291	12.0	6.5	81.1	0.3	8.2	88.0	3.4	0.3	10.7	18.6	44.0	26.8	39.5	29.6	8.6	22.3	3.4	17.2	58.1	21.3
Urban	159	8.8	6.9	83.0	1.3	3.1	83.0	7.5	6.3	6.3	8.2	55.3	30.2	18.9	35.8	11.9	33.3	1.9	13.8	59.7	24.5
South Central	450	10.9	6.7	81.8	0.7	6.4	86.2	4.9	2.4	9.1	14.9	48.0	28.0	32.2	31.8	9.8	26.2	2.9	16.0	58.7	22.4
Rural	147	27.2	37.4	35.4	0.0	5.4	88.4	6.1	0.0	22.4	26.5	25.2	25.9	43.5	32.7	7.5	16.3	4.1	21.1	57.8	17.0
Urban	45	4.4	40.0	48.9	6.7	2.2	95.6	2.2	0.0	17.8	24.4	31.1	26.7	42.2	26.7	13.3	17.8	6.7	17.8	48.9	26.7
Teso	192	21.9	38.0	38.5	1.6	4.7	90.1	5.2	0.0	21.4	26.0	26.6	26.0	43.2	31.3	8.9	16.7	4.7	20.3	55.7	19.3
Rural	204	20.6	18.1	60.3	1.0	5.9	83.8	8.8	1.5	15.7	28.9	45.6	9.8	23.5	59.8	2.9	13.7	3.9	26.5	52.9	16.7
Urban	86	1.2	11.6	87.2	0.0	10.5	73.3	11.6	4.7	9.3	25.6	50.0	15.1	20.9	44.2	5.8	29.1	3.5	14.0	47.7	34.9
Tooro	290	14.8	16.2	68.3	0.7	7.2	80.7	9.7	2.4	13.8	27.9	46.9	11.4	22.8	55.2	3.8	18.3	3.8	22.8	51.4	22.1
Rural	292	22.9	28.1	47.6	1.4	22.3	69.9	5.1	2.7	3.1	11.6	52.1	33.2	16.1	44.2	7.2	32.5	0.7	6.2	45.5	47.6
Urban	44	2.3	20.5	77.3	0.0	11.4	63.6	4.5	20.5	2.3	13.6	54.5	29.5	15.9	47.7	4.5	31.8	0.0	11.4	38.6	50.0
West Nile	336	20.2	27.1	51.5	1.2	20.8	69.0	5.1	5.1	3.0	11.9	52.4	32.7	16.1	44.6	6.8	32.4	0.6	6.8	44.6	47.9
OVERALL																					
RURAL	3021	20.2	22.4	56.9	0.5	11.4	83.3	4.5	0.8	12.5	20.9	46.2	20.4	32.6	41.2	6.5	19.7	3.2	18.1	58.4	20.3
URBAN	1251	6.2	14.5	78.5	0.9	6.3	78.6	5.5	9.6	8.6	17.1	51.1	23.2	25.0	39.6	9.6	25.7	1.9	14.5	53.8	29.8
NATIONAL	4,272	17.2	21.6	60.5	0.6	9.7	81.5	4.7	4.1	11.9	20.6	46.7	20.7	31.9	39.8	7.7	20.6	3.1	17.8	55.7	23.4



National Micro Planning Handbook for Water, Sanitation and
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