



THE REPUBLIC OF UGANDA

UGANDA DEMOGRAPHIC AND HEALTH SURVEY (UDHS) 2022

KEY FINDINGS

Presented by:
UBOS Executive Director

Dissemination Workshop
Held at Sheraton Hotel, Kampala District
8th September 2023





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2022 Uganda
Demographic
Health Survey

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MAIN OBJECTIVE

To provide current estimates on

MARRIAGE



**FAMILY
PLANNING**



**SEXUAL
ACTIVITY**



**MATERNAL AND
CHILD HEALTH**



**DOMESTIC
VIOLENCE**



**CHILDHOOD &
MATERNAL MORTALITY**



NUTRITION



MALARIA



**CHILD
LABOR/DISCIPLINE**



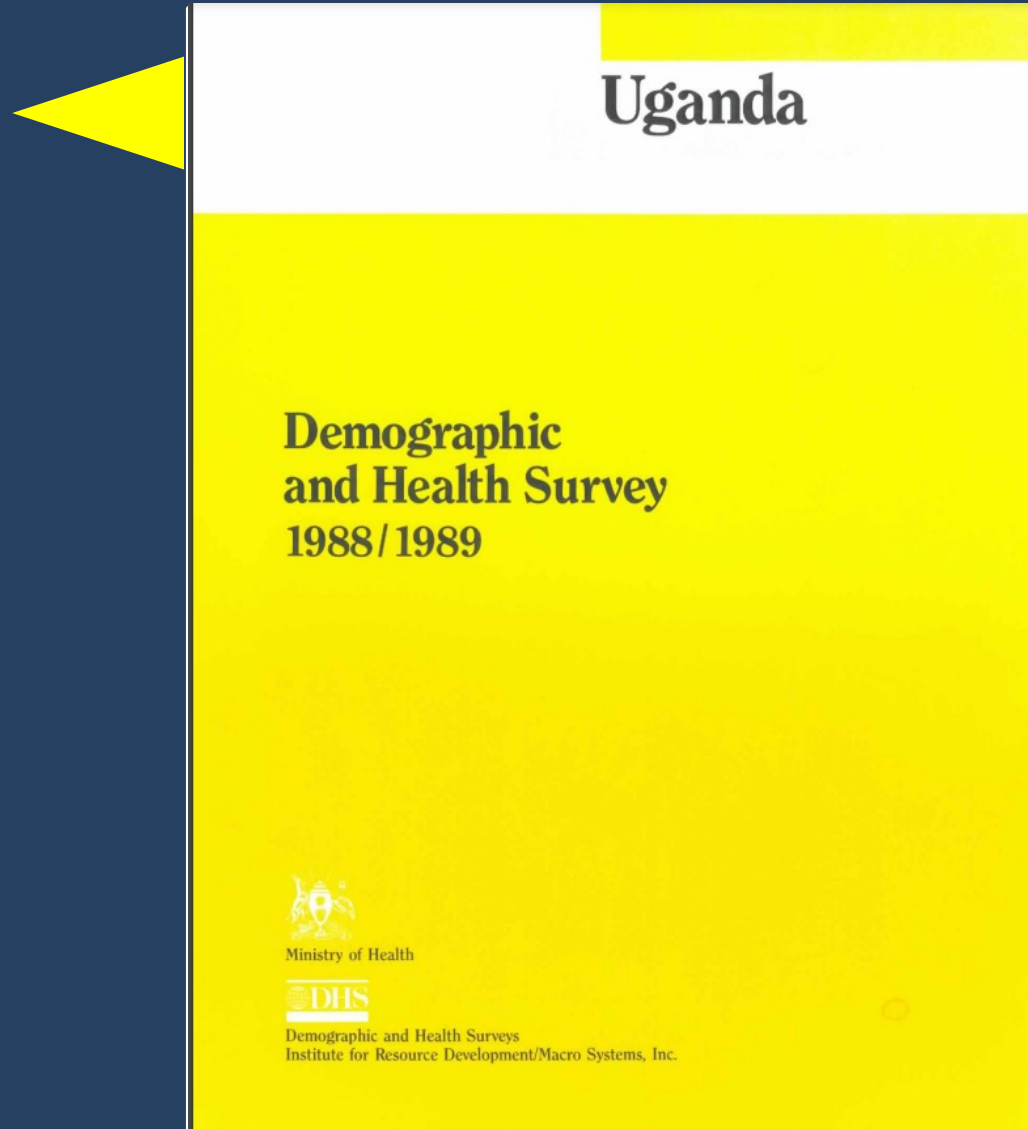
HIV/AIDS





UGANDA DHS SERIES

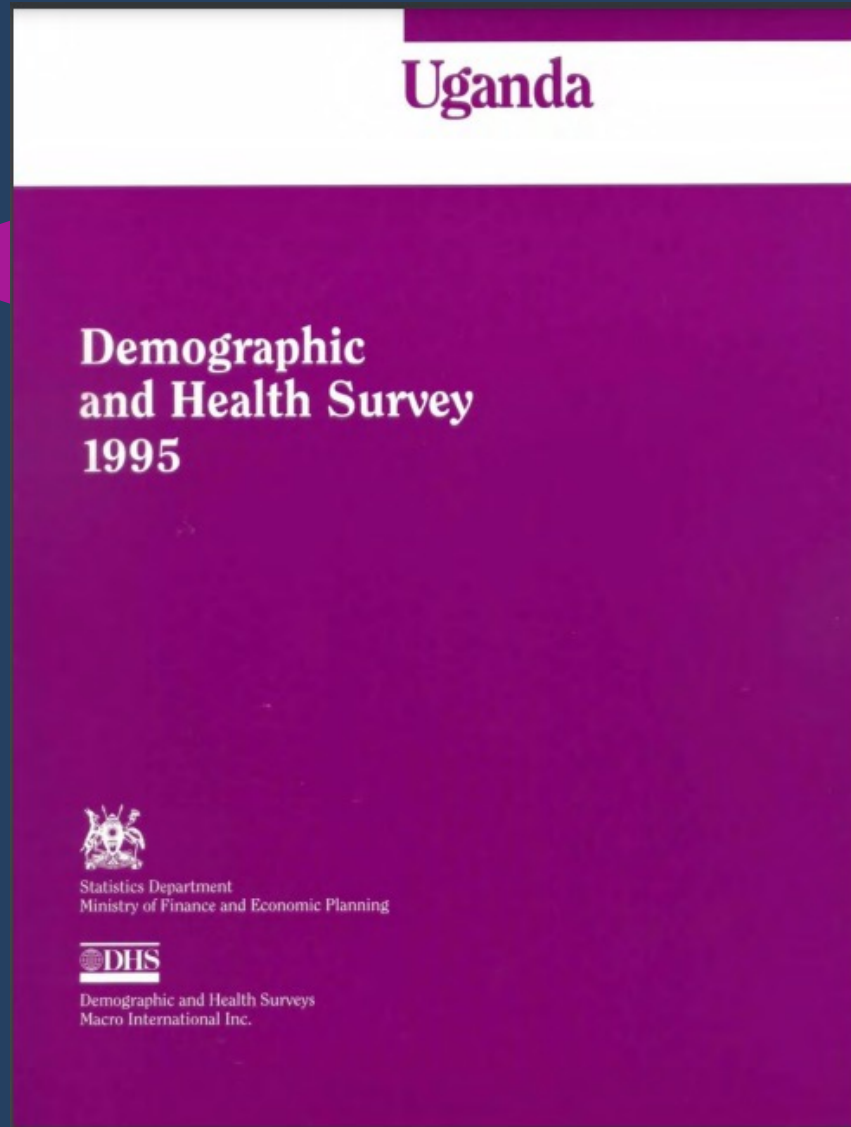
- 1 1988/89
- 1995
- 2000/01
- 2006
- 2011
- 2016
- 2022





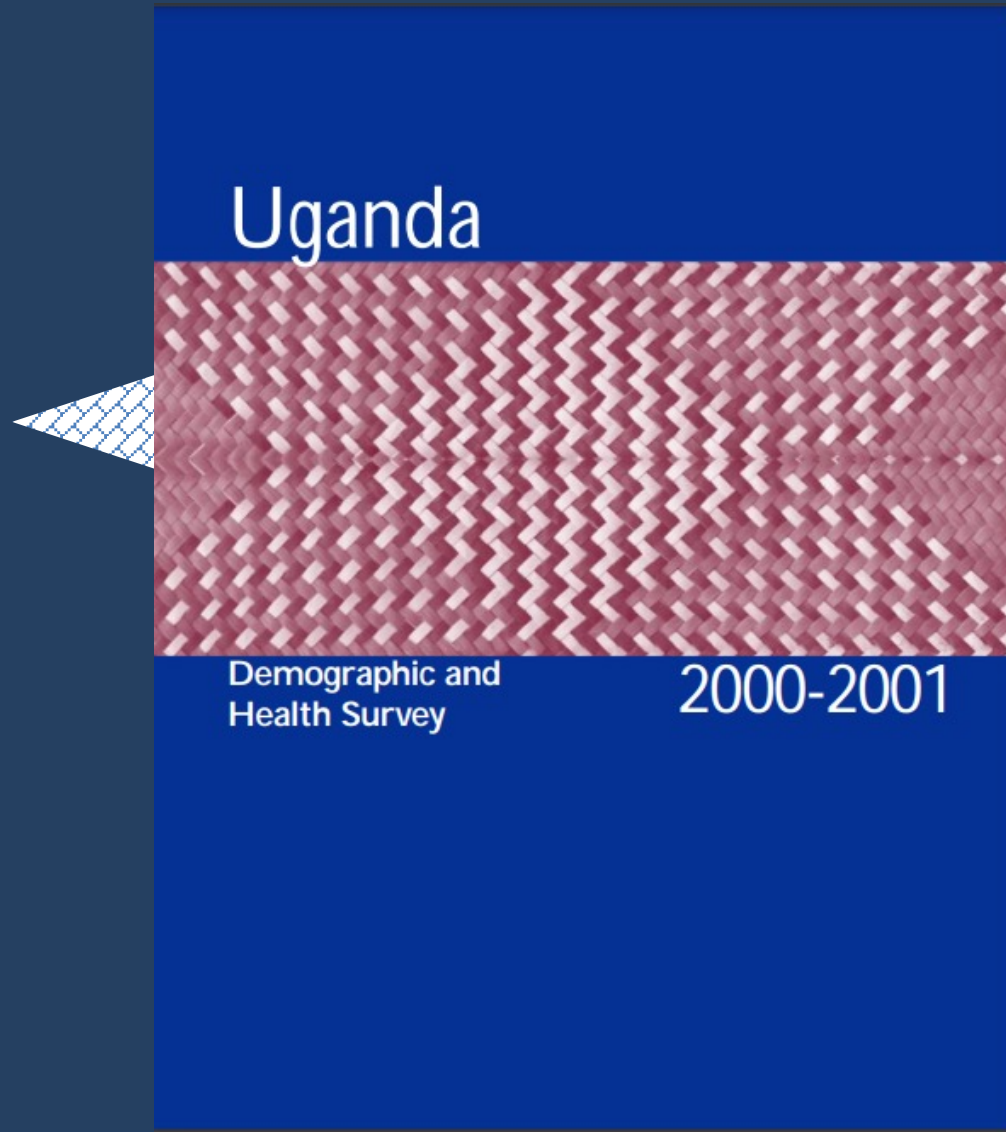
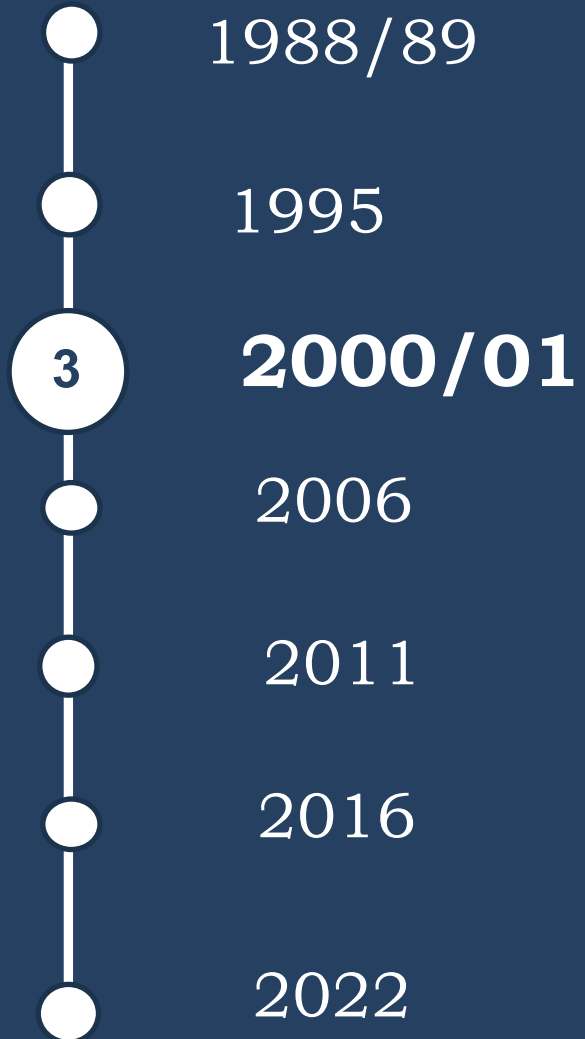
UGANDA DHS SERIES

- 1988/89
- **2** **1995**
- 2000/01
- 2006
- 2011
- 2016
- 2022





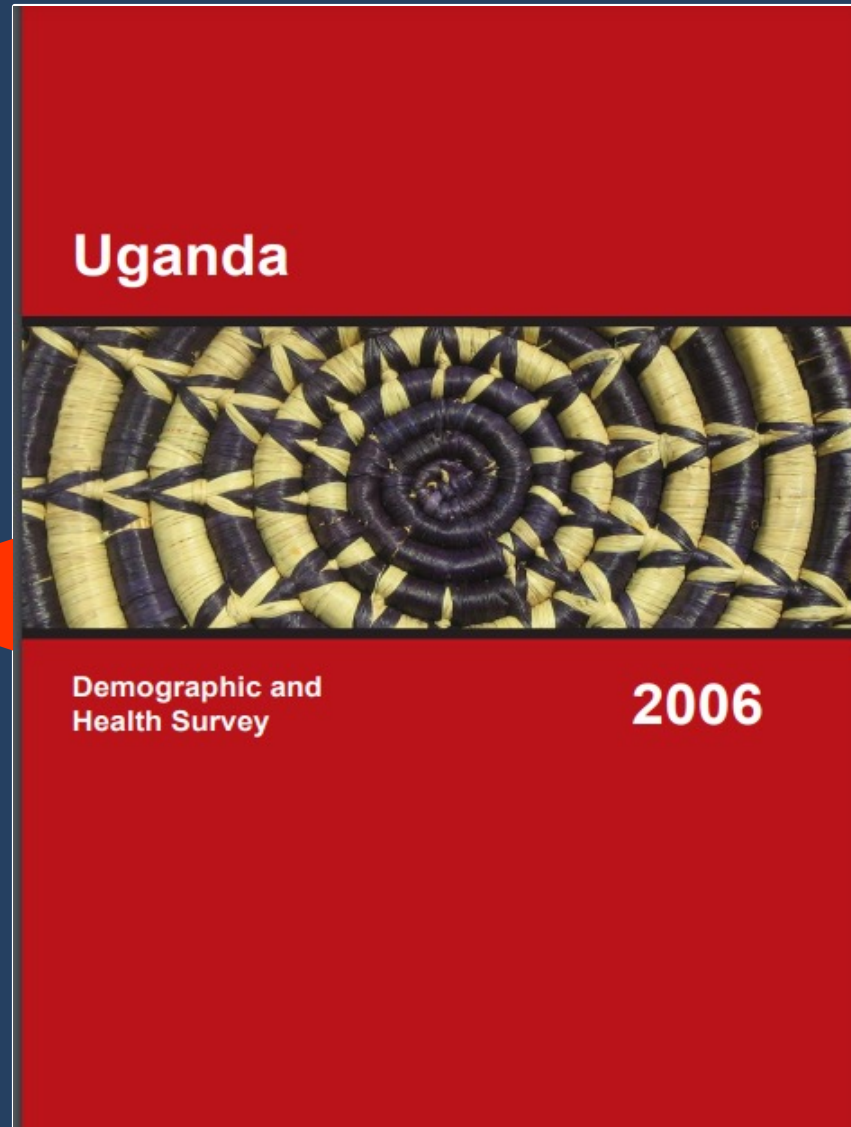
UGANDA DHS SERIES





UGANDA DHS SERIES

- 1988/89
- 1995
- 2000/01
- 4** **2006**
- 2011
- 2016
- 2022





UGANDA DHS SERIES

- 1988/89
- 1995
- 2000/01
- 2006
- 5** **2011**
- 2016
- 2022





UGANDA DHS SERIES

- 1988/89
- 1995
- 2000/01
- 2006
- 2011
- 6** **2016**
- 2022

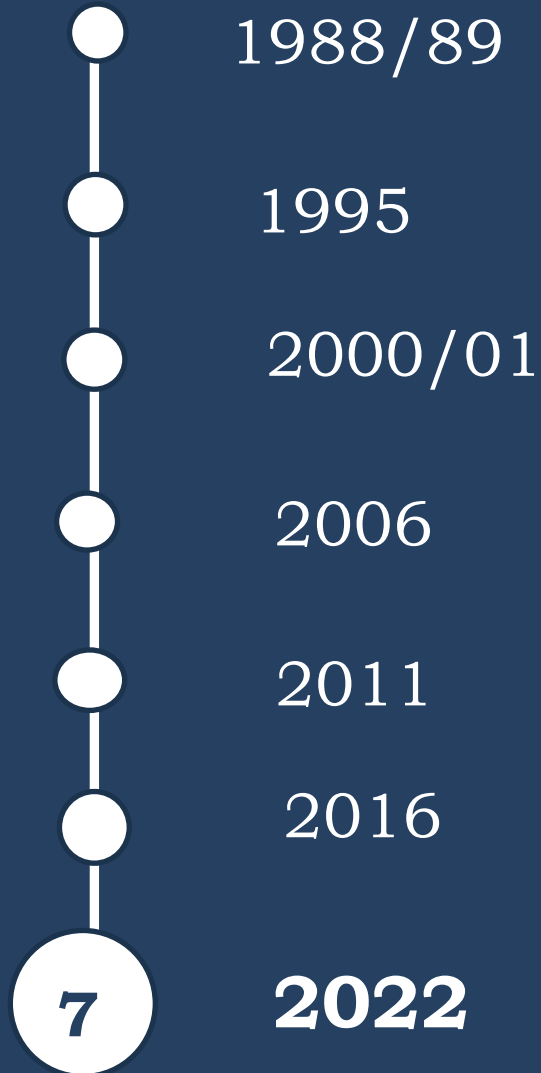
Uganda



Demographic and Health Survey **2016**



UGANDA DHS SERIES



UDHS 2022

- **7th** in the series ;
- **5th** demographic and health survey conducted as part of the DHS program.

It is designed to provide estimates at the national level, for urban and rural areas, and for most indicators for the 15 statistical regions of the country.



The 2022 UDHS Sub regions

2022 Uganda
Demographic
Health Survey

South Central

- Butambala,
- Gomba,
- Mpigi,
- Bukomansimbi,
- Kalangala,
- Kalungu,
- Lwengo,
- Lyantonde,
- Masaka,
- Rakai,
- Sembabule,
- Wakiso

North Central

- Buikwe,
- Buvuma,
- Kayunga,
- Kiboga,
- Kyankwanzi,
- Luwero,
- Mityana,
- Mubende,
- Mukono,
- Nakaseke,
- Nakasongola

Kampala

- Kampala



The 2022 UDHS Sub regions

2022 Uganda
Demographic
Health Survey

Busoga

- Bugiri,
- Namutumba,
- Buyende,
- Iganga,
- Jinja,
- Kaliro,
- Kamuli,
- Luuka,
- Mayuge,
- Namayingo

Bukedi

- Budaka,
- Butaleja,
- Kibuku,
- Pallisa,
- Tororo,
- Busia

Bugisu

- Bulambuli,
- Kapchorwa,
- Kween
- Bududa
- Manafwa
- Mbale
- Sironko
- Bukwo

Teso

- Amuria,
- Bukedea
- Katakwi
- Kumi,
- Ngora
- Soroti
- Kaberamaid
o Serere



The 2022 UDHS Sub regions

2022 Uganda
Demographic
Health Survey

West Nile

Adjumani,
Arua,
Koboko,
Maracha,
Moyo,
Nebbi,
Yumbe,
Zombo

Karamoja

- Abim
- Amudat
- Kaabong
- Kotido
- Moroto
- Nakapiripirit
- Napak

Lango

- Alebtong,
- Amolatar,
- Dokolo,
- Lira,
- Otuke,
- Apac,
- Kole,
- Oyam

Acholi

- Agago,
- Amuru,
- Gulu,
- Lamwo,
- Pader,
- Kitgum,
- Nwoya



The 2022 UDHS Sub regions

2022 Uganda
Demographic
Health Survey

Bunyoro

Buliisa,
Hoima,
Kibaale,
Kiryandongo,
Masindi

Tooro:

Bundibugyo,
Kabarole,
Kasese,
Ntoroko,
Kyenjojo,
Kamwenge,
Kyegegwa

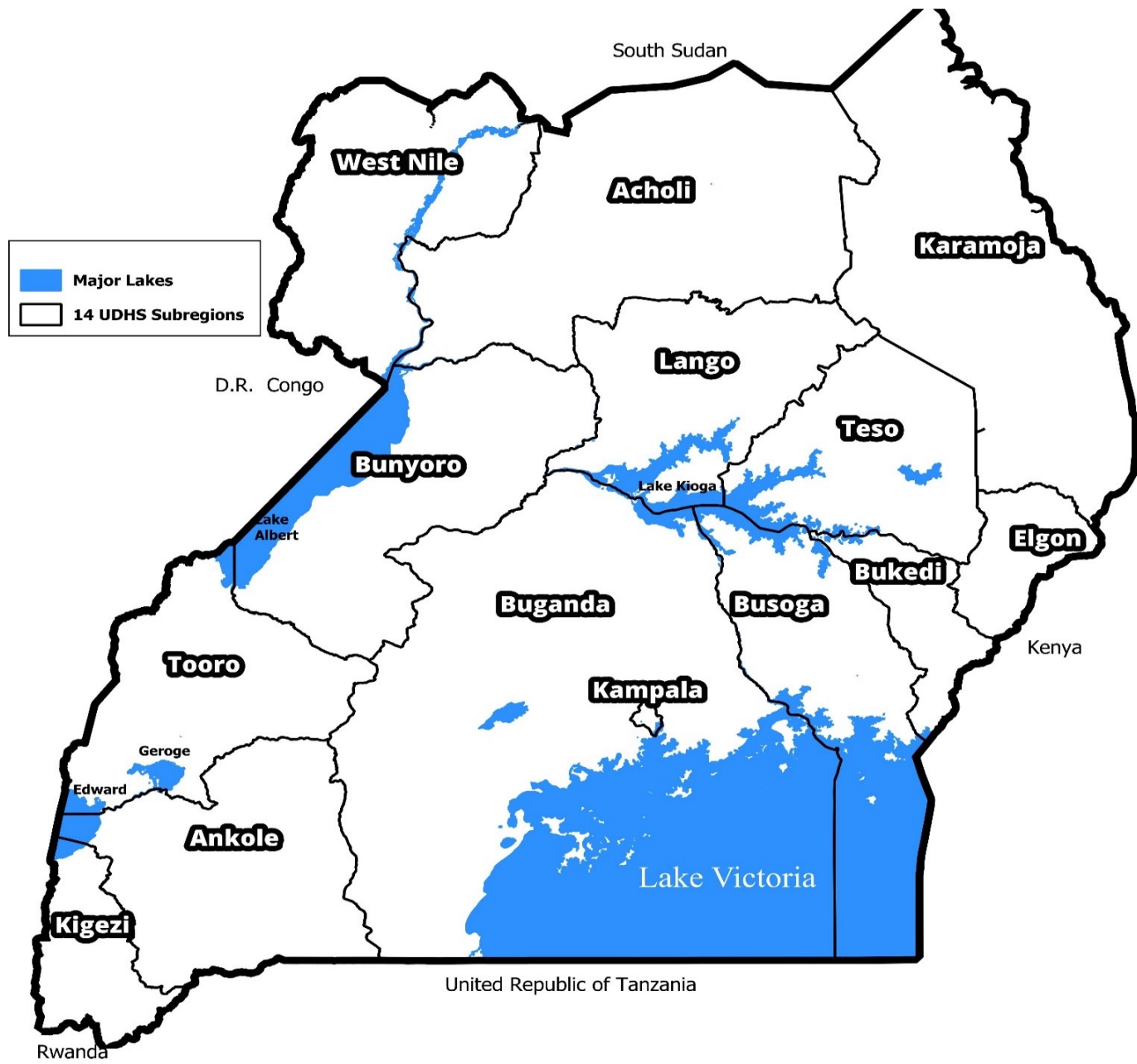
Kigezi:

Kabale,
Kisoro,
Kanungu,
Rukungiri

Ankole:

Buhweju,
Bushenyi,
Ibanda,
Isingiro,
Kiruhura,
Mbarara,
Mitooma,
Ntungamo,
Rubirizi,
Sheema

2022 UDHS - 15 Sub- regions



Sample design



The sampling frame used is of **the 2014 Uganda National Population and Housing Census** (NPHC).

The sample provides estimates of key indicators for the country as a whole, **for urban and rural areas separately, and each of the 15 sub-regions.**



In 2022, Uganda was divided administratively into **136 districts and 10 cities**. These were stratified into 15 sub-regions.



Cluster (1/2)

- The 2022 UDHS sample was stratified and selected independently in each sub-region in two stages.
- In the first stage, a total of **697 EAs** were selected (**233 EAs in urban** and **464 in rural areas**).
- The resulting lists of households served as a sampling frame for the selection of households in the second stage. **30 households** were selected from each cluster.
- In total, a representative sample of **20,631 households** was randomly selected for the 2022 UDHS.



Cluster (2/2)

All women aged 15-49 and men aged 15-54 years who were either usual members of the selected households or visitors who slept in the households the night before the survey were interviewed.

In the sub-sample of households selected for the male survey, water testing was performed. Height and weight information was also collected from eligible women and men, as well as children aged 0-59 months.

A sub-sample of one eligible woman in two-thirds of households and one eligible man in one-third of households was randomly selected to be asked questions about domestic violence.



DHS FIELD TOOLS

2022 Uganda
Demographic
Health Survey

Household Questionnaire

Woman's
Questionnaire

Man's
Questionnaire

Biomarker
Questionnaire

- Lists usual members and visitors to identify eligible individuals.
- Basic characteristics per person per household (age, sex, education, etc.)
- Housing characteristics (drinking water source, electricity, material for construction, sanitation facilities, etc.)
- Child labor and discipline
- Water testing
- Salt testing



DHS FIELD TOOLS

2022 Uganda
Demographic

Household
Questionnaire

**Woman's
Questionnaire**

Man's
Questionnaire

Biomarker
Questionnaire ^y

- Background characteristics
- Reproduction, Family planning
- Child, adult and maternal mortality
- Maternal and child health, and nutrition
- Marriage and sexual activity, Fertility preferences
- Husband's characteristics and women's employment
- HIV/AIDS and other STIs, Other adult health issues
- Domestic Violence



DHS FIELD TOOLS

2022 Uganda
Demographic

y

Household
Questionnaire

Woman's
Questionnaire

**Man's
Questionnaire**

Biomarker
Questionnaire

- Background characteristics (age, education, literacy, etc.)
- Marriage and sexual activity
- Fertility preferences
- Employment
- HIV/AIDS and other STIs
- Other adult health issues
- Identify individuals for anthropometry and biomarkers

Translated from English to 8 local languages



DHS FIELD TOOLS

2022 Uganda
Demographic

Household
Questionnaire

Woman's
Questionnaire

Man's
Questionnaire

**Biomarker
Questionnaire**

1. Water testing

- Ecoli
- Flouride
- Laboratory testing undertaken by MoWE

2. Height and weight measurements;

- Children under 5 years
- Women age 15-49
- Men age 15 – 54



Pretest and main survey training

2022 Uganda
Demographic
Health Survey

Pretest:

- **May, 2021** at the Uganda Bureau of Statistics office in Entebbe
- CAPI training was conducted in Kabira Resort Hotel.

Main Survey Training:

- November to December 2021
- **125** fieldworkers (**95 females and 30 males**) trained
- **25 health technicians** recruited and trained on taking height, weight measurements and water testing.



Fieldwork and data Processing

2022 Uganda
Demographic
Health Survey

- A total of **21** teams were formed each comprising of 1 team leader, 3 female and 1 male interviewer, one health technician, and a driver.
- Data collection took place over a 6-month period, from May, 2022 through December 2022.
- Electronic data files collected on tablets through the CAPI system were received via IFSS at UBOS central office in Kampala.
- Data editing was accomplished with CSPro software. Secondary editing and data processing took place from October 2022 and completed in February 2023.



Data editing, analysis and report writing

2022 Uganda
Demographic
Health Survey

- The data was edited from the field, a set of validation rules was built into the data capture application
- Secondary editing at the office
- Peer review of the key indicators



PEER REVIEW TEAM

2022 Uganda
Demographic
Health Survey

Organization	Peer Reviewer	Organization	Peer Reviewer
UNFPA	Dr. Fredrick Okwayo	WHO	Dr. Sentumbwe Olive
	Daniel Alemu		Dr. Natseri Nasan
	Florence Tagoola Mpabulungi		Dr. Hillary Kipruto
	Dr. Hassan Eini-Zinab		Dr. Benson Droti
	Muhammad Ali Raza		
	Johnson Lubega Kagugube	UBOS	Helen Nviiri Namirembe
UNICEF	Dr. Moses Sichei	Dr. Vincent Ssenono	
	Martin Njoroge	Johnstone Galande	
	Arthur Mutesaasira	Daniel Okello	
		Brian Wakholi	
		Moses Mbuusi	
		Derrick Eranda	
		Francis Kayondo	
		Lawrence Mukula	



OBJECTIVES

- Assess the procedure from raw to final dataset
- Assess the weight calculation procedure
- Assess the data quality
- Assess the quality of key indicators generated from the data
- Quality check for standard errors
- Capacity strengthening of UBOS technicians/experts
- Documenting the process



METHODOLOGY

- Brainstorming and consultative meetings
- Document review and understanding the UDHS data structure
- Data processing and analysis
- Documenting the process and findings



FINDINGS/CONTRIBUTIONS

- This exercise facilitated the acquisition of essential experience and knowledge by UBOS in data processing and result generation
- The team processed and managed raw data to construct the final files, employing the CsPro program
- Survey weights were recalculated for the new dataset
- Data quality underwent assessment through both internal and external checks
- Various computer programs were carefully reviewed and generated to ensure precise estimates
- The methodology and corresponding code for Standard Error of estimates were shared with UBOS
- Knowledge transfer and capacity building



Results of Household and Individual Interviews

2022 Uganda
Demographic
Health Survey

Results	Urban	Rural	Total
Household interviews			
Households selected	6,864	13,617	20,481
Households occupied	6,702	13,330	20,032
Households interviewed	6,591	13,167	19,758
Household response rate ¹	98	99	99
Interviews with women age 15–49			
Number of eligible women	6,598	12,479	19,077
Number of eligible women interviewed	6,241	12,010	18,251
Eligible women response rate ²	95	96	96
Interviews with men age 15–49			
Number of eligible men	1,980	3,947	5,927
Number of eligible men interviewed	1,726	3,657	5,383
Eligible men response rate ²	87	93	91



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