UGANDA
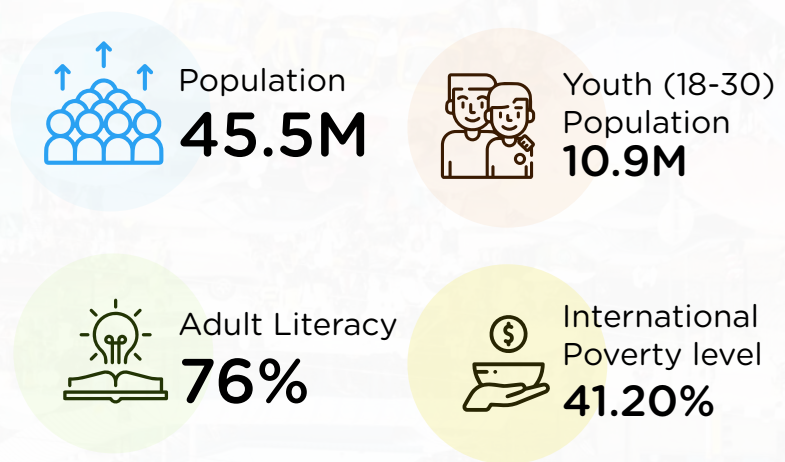## STATE **OF** DIGITAL DEVELOPMENT **AND** E-GOV READINESS

Introduction

This statistical abstract titled "Uganda State of Digital Development and E-Gov Readiness" provides an overview of Uganda's digital landscape. It focuses on key areas such as population structure, ICT capacity for youth and adults, IT infrastructure and access, internet usage, and the status of e-government infrastructure. The report is produced by Evidence and Methods Lab with funding from the Internet Society Foundation. It offers valuable insights into various aspects such as demographics, social economics status, network coverage, broadband subscriptions, and the establishment of e-government at different administrative levels.

The abstract highlights the extent of ICT skills among youth and adults, the coverage of mobile and broadband networks, internet subscriptions, and internet use among the Ugandan population. Additionally, it details the readiness and implementation of e-government services at both ministerial (MDAs) and local government (LGs) levels. This includes aspects like internet traffic, service availability, and infrastructural challenges.

This abstract is essential for understanding the challenges and opportunities in enhancing digital development and e-governance in Uganda. It serves as an essential context for the action research project "Investigating the Potential of Internet Usage to Enhance Service Delivery and Promote Transparency and Accountability in Uganda's Government Ministries, Departments, and Agencies." The information within this report is vital for grasping the backdrop of the digital environment in Uganda.

1.0 POPULATION STRUCTURE
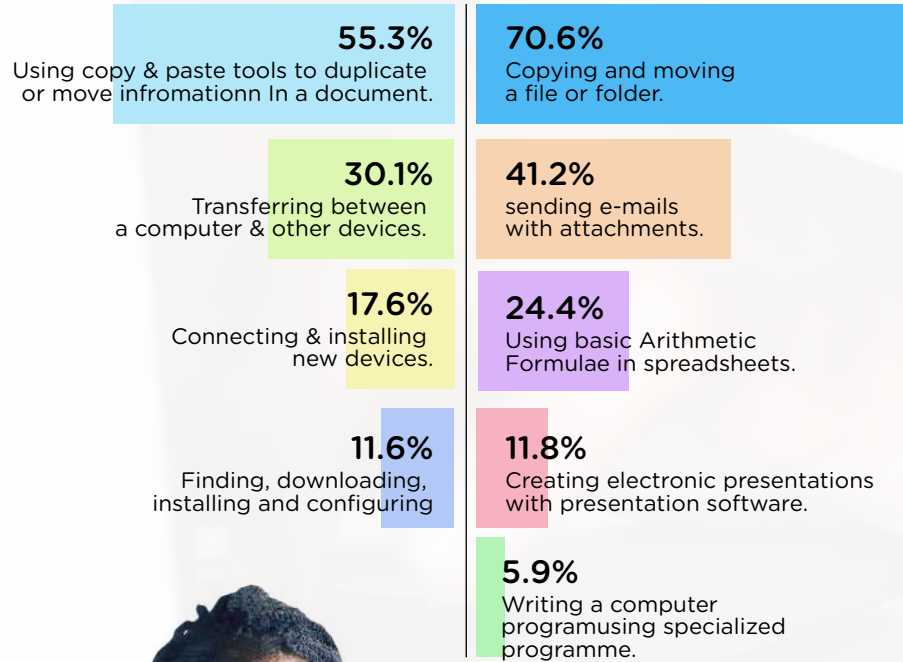
Demographics &
social economics status

Population
45.5M

Youth (18-30) Population
10.9M

Adult Literacy
76%

International Poverty level
41.20%

SOURCE: UBOS2023

2.0 ICT CAPACITY FOR YOUTH AND ADULTS

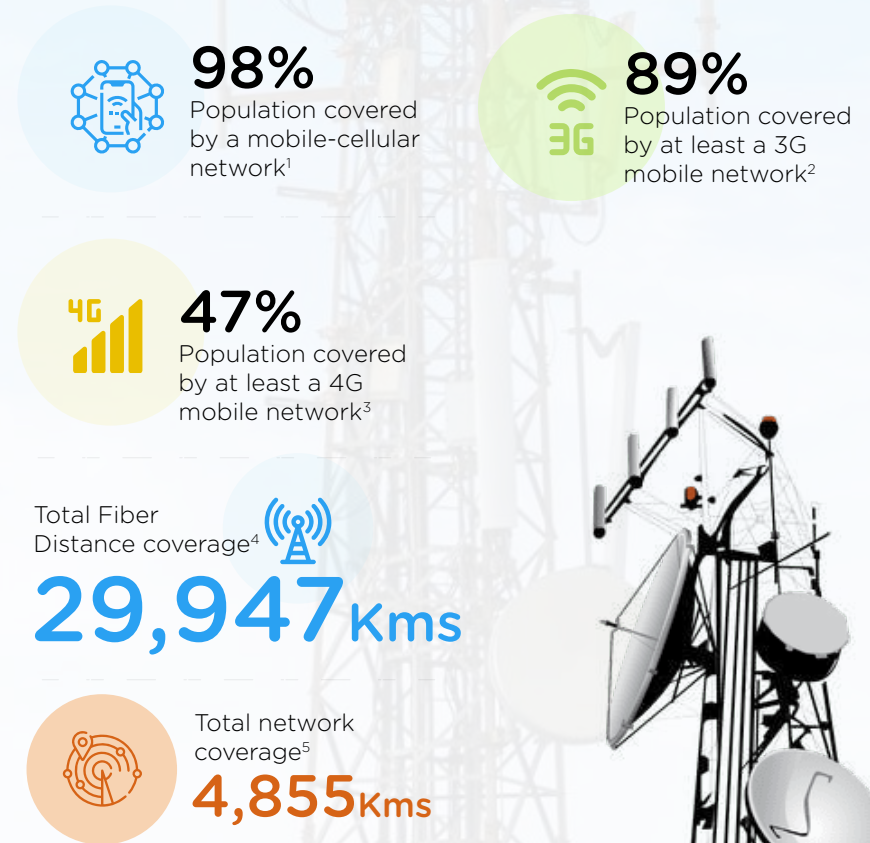## Proportion of youth and adults with basic Information and Communications Technology (ICT) skills

55.3%
Using copy & paste tools to duplicate or move infromationn In a document.

70.6%
Copying and moving a file or folder.

30.1%
Transferring between a computer & other devices.

41.2%
sending e-mails with attachments.

17.6%
Connecting & installing new devices.

24.4%
Using basic Arithmetic Formulae in spreadsheets.

11.6%
Finding, downloading, installing and configuring

11.8%
Creating electronic presentations with presentation software.

5.9%
Writing a computer programusing specialized programme.

SOURCE: UBOS2023

3.0 IT INFRASTRUCTURE AND ACCESS

Network Coverage

98%
Population covered by a mobile-cellular network[1]

89%
Population covered by at least a 3G mobile network[2]

47%
Population covered by at least a 4G mobile network[3]

Total Fiber Distance coverage[4]
29,947 Kms

Total network coverage[5]
4,855 Kms

SOURCE: 1-ITU 2022   2-1TU 2022   3-1TU 2022
4-UCC2023   5-UCC2023

3.0 IT INFRASTRUCTURE AND ACCESS

Mobile and Fixed Broadband Subscription

25.7m
Internet Subscriptions[6]

0.1
Fixed broadband subscriptions per 100 inhabitants[7]

54.4%
Active mobile-broadband subscriptions per 100 inhabitants[8]

0.2
Fixed-telephone subscriptions per 100 inhabitants[9]

Total fixed broadband subscriptions

40,220

SOURCE: 6-UCC 2023, 7-ITU 2022 8-ITU 2022, 9-ITU 2022

3.0 IT INFRASTRUCTURE AND ACCESS

Mobile and Fixed Telephone Subscription

117,000
Fixed subscriptions[10]

70
Mobile-cellular subscriptions per 100 inhabitants[11]

77
Teledensity (telephone lines per 100 Ugandans)[12]

Mobile telephone subscriptions[13]

33.1m

Basic mobile phone (Ka-touch)[14]
2m

Smartphone ownnnership[15]
12.3m

Feature phones (basic Internet features)[16]
23.8m

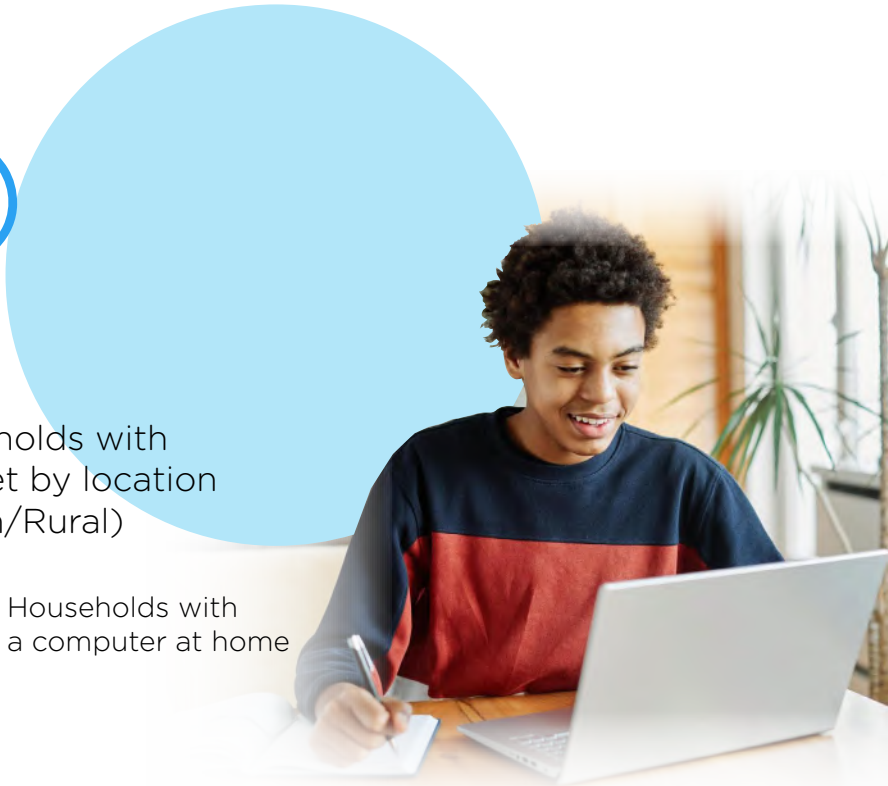*SOURCE: 10-UCC 2023, 11-ITU 2022 12-ITU 2022, 13-ITU 2022, 14-UCC2022, 15-ITU 2022, 16-UCC2022*

3.0 IT INFRASTRUCTURE AND ACCESS

ICT Access at Home

Households with Internet by location (Urban/Rural)

2% Households with a computer at home

4.0 INTERNET USE
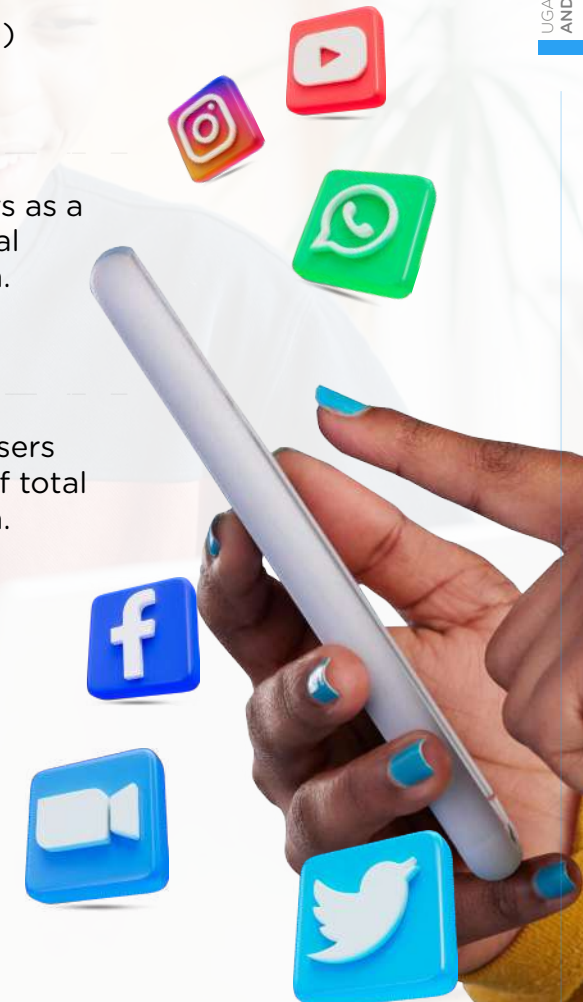
Percentage of Population Using The Internet

Individuals using the Internet (Total)

10%

Male Internet users as a percentage of total female population.

07%

Female Internet users as a percentage of total female population.
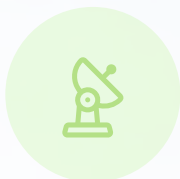
05%

4.0 INTERNET USE

Broadband Traffic

Average monthly fixed broadband Internet traffic per fixed broadband subscription (MB)[17]

58159.3

Average monthly mobile broadband Internet traffic per mobile broadband subscription (MB)[18]

1273.9

Total Internet Traffic (GBs)[19]

129.3m
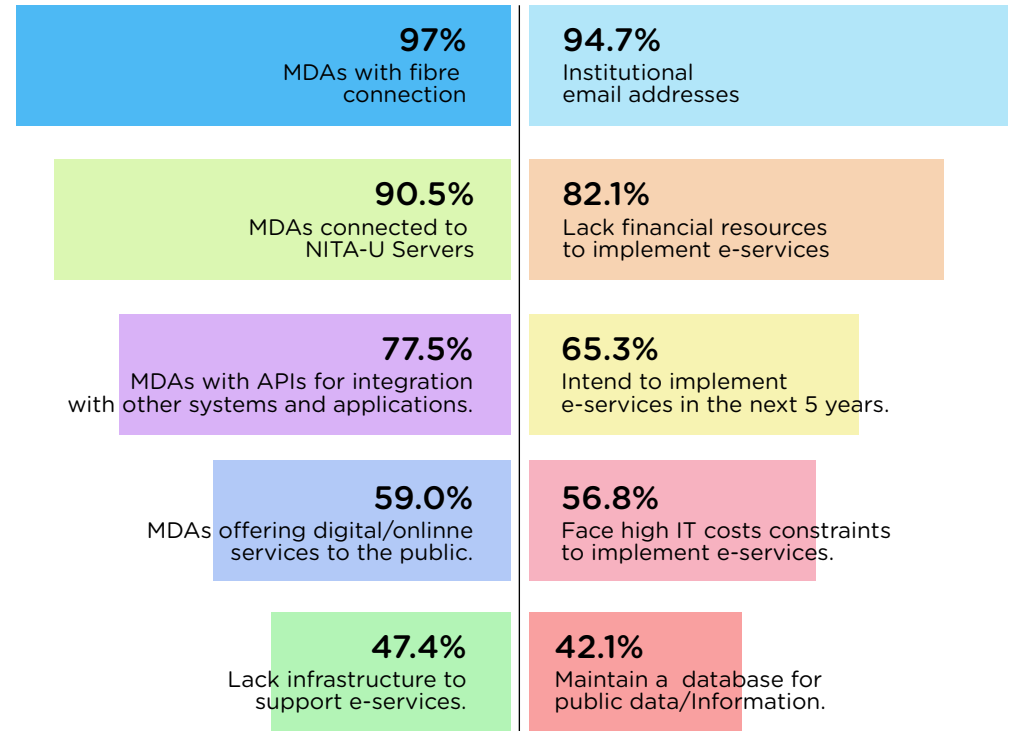
Monthly data expenditure (UGX)[20]

4177/=

SOURCE: 17-UCC 2023, 18-UCC 2023, 19-ITU 2022, 20-ITU 2022

5.0 STATUS OF E-GOV INFRASTRUCTURE

E-Gov Establishement at The MDAs

132 Government MDAs

97%
MDAs with fibre connection

94.7%
Institutional email addresses

90.5%
MDAs connected to NITA-U Servers

82.1%
Lack financial resources to implement e-services

77.5%
MDAs with APIs for integration with other systems and applications.

65.3%
Intend to implement e-services in the next 5 years.

59.0%
MDAs offering digital/onlinne services to the public.

56.8%
Face high IT costs constraints to implement e-services.

47.4%
Lack infrastructure to support e-services.

42.1%
Maintain a database for public data/Information.

SOURCE: ITU 2022

5.0 STATUS OF E-GOV INFRASTRUCTURE

E-Gov Establishement at The LGs

129 LGs, Municipalities and TCs

60.6% LGs with Institutional Internet access

95.3% LGs with desktop computers

70.1% LGs connected to NITA-U servers

39% LGs with a fiber Internet connection

92.9% LGs that lack funding to implement e-services

35.4% LGs with a Local Area Network

2.5% LG staff who routinely use Internet at work

68% LGs with institutional email address

68% LGs lack Internet because of high cost of Internet

37% LGs which offer some digital or online service

70% LGs that lack infrastructure to implement e-services

SOURCE: 17-UCC 2023, 18-UCC 2023, 19-ITU 2022, 20-ITU 2022

SUPPORTED BY EVIDENCE AND METHODS LAB
https://evidenceandmethodslab.org/

Address:
Plot 13 Kenneth Dale
Lane, Kamwokya
Kampala, Uganda
Email:hello@evidenceandmethodslab.org
Phone:+256 783 474784