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The Regulator

QUARTERLY MAGAZINE OF THE TANZANIA COMMUNICATIONS REGULATORY AUTHORITY

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Tanzania set to reap big from the digital economy



How Tanzania supports digital startups growth

A new survey allays fears over communications towers safety

How to maximise the benefits of social media responsibly in Tanzania



Matumizi Salama ya Mtandao kwa Wazee

Dondoo



ZINGATIA

Kuwa makini na maudhui unayoweka kwenye mtandao.



HUISHA:

Mifumo ya kifaa chako cha mawasiliano mara kwa mara.



NYWILA:

Tumia nywila imara ambayo unaweza kukumbuka kwa urahisi.



BOFYA:

Chukua tahadhari. Usifungue viunganisho (link) ambavyo hutambui chanzo chake.



LINDA:

Taarifa zako za mawasiliano na chukua tahadhari za ziada.



| tcra_tanzania

The Regulator is published quarterly by the Tanzania Communications Regulatory Authority (TCRA).

TCRA is a Government agency regulating the electronic and postal communications sectors in Tanzania. The Authority's duties include:

- (i) Issuing, renewing and cancelling licences;
- (ii) Establishing standards for regulated goods and regulated services and for their supply;
- (iii) Regulating rates and charges;
- (iv) Making rules for the regulated sectors;
- (v) Monitoring the performance of the regulated sectors;
- (vi) Facilitating the resolution of complaints and disputes;
- (vii) Disseminating information about matters relevant to the functions of the Authority.

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Postal Services

From the Editorial Desk

Dear Writers and Enthusiasts,

We're excited to extend an invitation to all passionate writers and industry experts to join us in contributing to "The Regulator," your trusted source for news and information in the communication sector. As we approach our next quarterly edition, we're eager to showcase fresh perspectives, insightful analyses, and thought-provoking content that informs, engages, and inspires.

"The Regulator" is not just a magazine; it's a platform dedicated to diving deep into the ever-evolving communication landscape. We explore the latest trends, emerging technologies, policy developments, and market dynamics that shape the industry. Our readers, ranging from professionals and policymakers to academics and enthusiasts, rely on us for in-depth, well-researched content.

Why should you consider contributing to "The Regulator"?

Exposure: Your work will reach a wide range and engaged audience within the communication sector, enabling you to and explore and acquire new skills and expand your professional network.

Influence: Our magazine is in the forefront of playing a pivotal role, shaping discussions, and influencing decisions in the field of communication. Contributing to these on-going dialogues and make your voice heard.

Professional Development: Writing for "The Regulator" is an excellent opportunity to further your expertise, skills and knowledge. You'll need to thoroughly research, analyse, and communicate complex topics.

Collaboration: Engage with a community of like-minded individuals who share your passion for the communication sector. Collaborate with fellow contributors and learn from each other.

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0800008272 Buree!

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Kutoa huduma za mawasiliano bila leseni ni kosa kisheria.

Namba ni 100 Pekee!

- ✓ Wasiliana na mtoa huduma wako kupitia namba 100 pekee.
- ✓ Hudumiwa kupitia namba 100 pekee.
- ✓ Usitekeleze maelekezo kutoka namba ya simu binafsi yanayokutaka urudishe pesa zilizotumwa kwako kimakosa.
- ✓ Usifuata maelekezo ya kubofya namba fulani kwenye simu yako kutoka kwa namba ya simu binafsi.

Kama sio namba 100, Potezea!

ICTs for community empowerment



By Dr Jabiri Kuwe Bakari, TCRA Director General

THE theme of this year's celebration Empowering the least developed countries through information and communication technologies is of great significance to the Tanzania Communications Regulatory Authority (TCRA), as it conforms with national development goals.

TCRA is committed to ensuring that the ICT sector is vibrant, innovative, and accessible to all Tanzanians, regardless of their location or socio-economic status. The Authority promotes the development and uptake of ICTs in Tanzania and has created an enabling environment that encourages investment in the sector.

TCRA has issued several licenses for the provision of Mobile Networks, Internet, broadcasting, Postal and Courier services. The Authority also works with the Universal Communications Service Access Fund (UCSAF), which was established in 2007 and became operational in 2009, to bridge the digital divide by providing subsidies to service providers to roll out

Statement of the TCRA Director General, Dr. Jabiri Kuwe Bakari on World Communications and Information Society Day (WTISD), 17 May 2023. The day marks the signing of the first International Telegraph Convention and founding of the International Telecommunication Union (ITU) in 1865 and has been celebrated annually on that date since 1969.

services in unserved and underserved areas of the country.

UCSAF facilitates access to ICT services in Tanzania's remote and rural areas, enabling more Tanzanians to enjoy the benefits of ICTs, including improved healthcare, education, and economic opportunities.

TCRA promotes the development of local broadcasting and ICT content. It also promotes the development of e-commerce in the country. Efforts towards this include developing a regulatory framework for electronic transactions, including mobile money, which is regulated in tandem with the country's financial regulator; the Bank of Tanzania.

More Tanzanians can transact online, and access digital financial services; with their orders delivered to their homes; thanks to a functioning national addressing and postcode network, which is being pushed by the Sixth Phase Government.

TCRA is committed to collaborating with stakeholders to promote universal connectivity to drive digital transformation in Tanzania. This is in line with this year's theme: "Empowering the least developed countries through information and communication technologies."

These initiatives will enhance the economic, social, and cultural well-being of all Tanzanians, particularly those living in underserved and remote areas of the country.

TCRA's primary objective is to ensure the provision of high-quality ICT services while facilitating the

uncompromised roll-out of these services. The Authority aims to create a conducive regulatory environment for investors and establish fair competition conditions in the sector while protecting the interests of all key communication stakeholders.

We are proud to be a member of the Partner2Connect Digital Coalition, a global initiative led by the Geneva-based International Telecommunication Union (ITU) aimed at connecting the unconnected and promoting digital transformation in the least developed countries. Through this partnership, TCRA works with other stakeholders to promote the development of a vibrant, inclusive, and sustainable ICT ecosystem in Tanzania.

As we celebrate this day, TCRA requests all stakeholders, including service providers, private sector, civil society, and development partners, to maintain their commitment to promote the growth of the ICT sector.

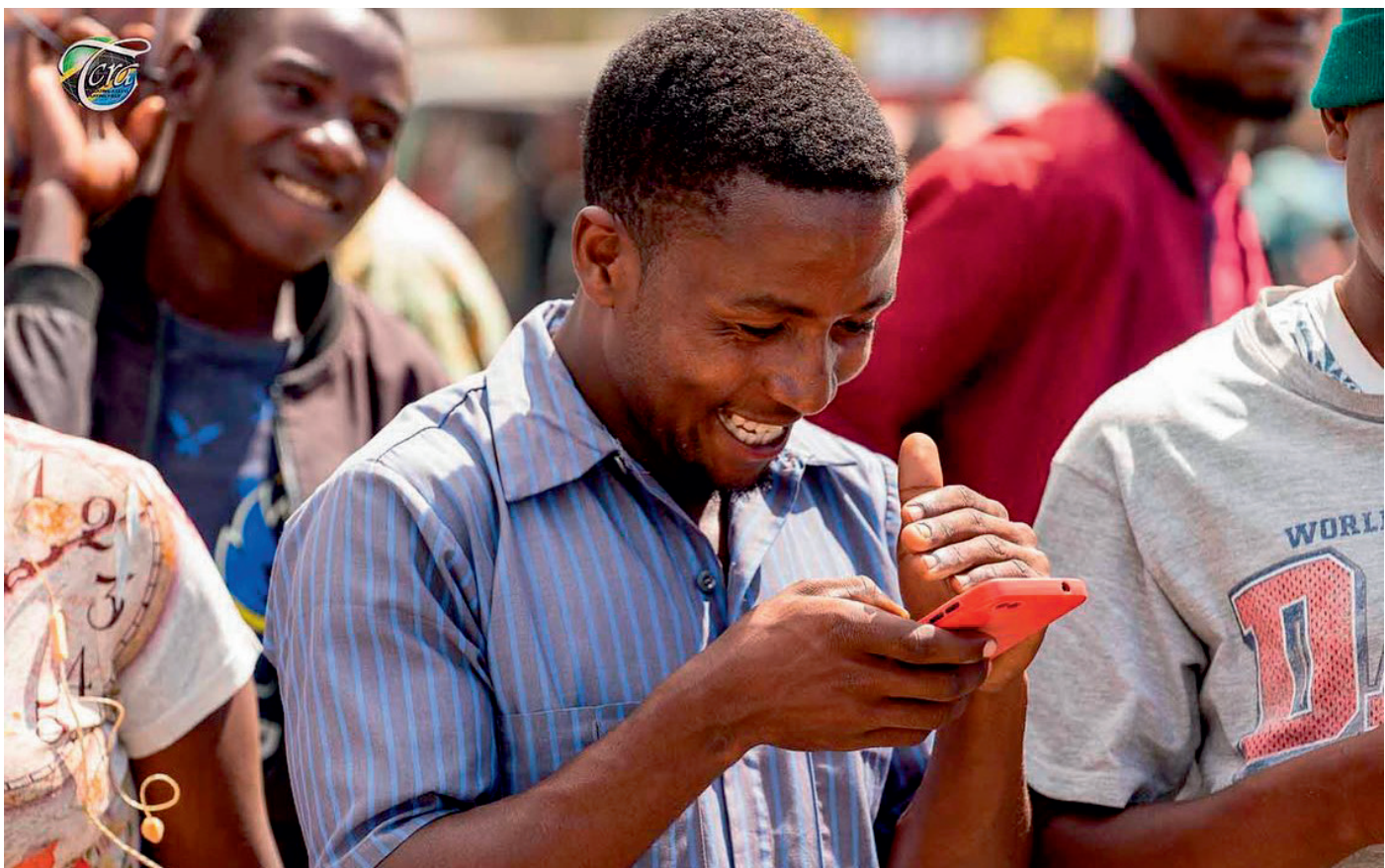
Stakeholders should be decisive and ensure we continue to invest in the development of ICT infrastructure, promote the development of local content, and ensure that ICT services are accessible

and affordable to all.

TCRA remains committed to fulfilling its legal and regulatory obligations in ensuring that our country is provided with high quality communication services, in line with national and international standards.

By promoting digital communications, we shall empower Tanzanians and maintain an efficient system of exchanging information and building a strong digital economy.

TCRA remains committed to fulfilling its legal and regulatory obligations in ensuring that our country is provided with high-quality communication services, in line with national and international standards.



COVER STORY

Tanzania set to reap big from the digital economy

By Our Correspondent



In a bid to reap big from the digital economy, Tanzania is increasing investment on the digital infrastructure, fast tracking its efforts of distributing voice and internet services to millions of people living in remote areas.

Tanzania is one of the countries in Africa that have recorded a sharp growth in the communication sector and innovation in the last decade with notable achievements in mobile money transaction services and fast adoption of digital technologies in delivering public services.

Recently the government, through the Universal Communications Services Access Fund (UCSAF), signed 19 agreements with mobile network operators (MNOs) in the capital, Dodoma to construct 758 new

base stations in 713 wards, mostly focused in rural underserved areas in Tanzania Mainland. Similar activities to construct 42 base stations in 38 wards is underway in Zanzibar, since November 2022.

Through the project, more Tanzanians will access internet services for the first time after building and upgrading mobile network base stations as part of the country's strategies to increase access to data service in rural areas.

The project, funded through 19.6 billion-shillings subsidies is a key component of the World Bank-funded Digital Tanzania programme which seeks to transform the country into a digital economy by 2025. The ruling party, Chama Cha Mapinduzi (CCM) Elections Manifesto for 2020-2025 plans for even higher goals to achieve internet penetration of 80 percent of the population by that year.

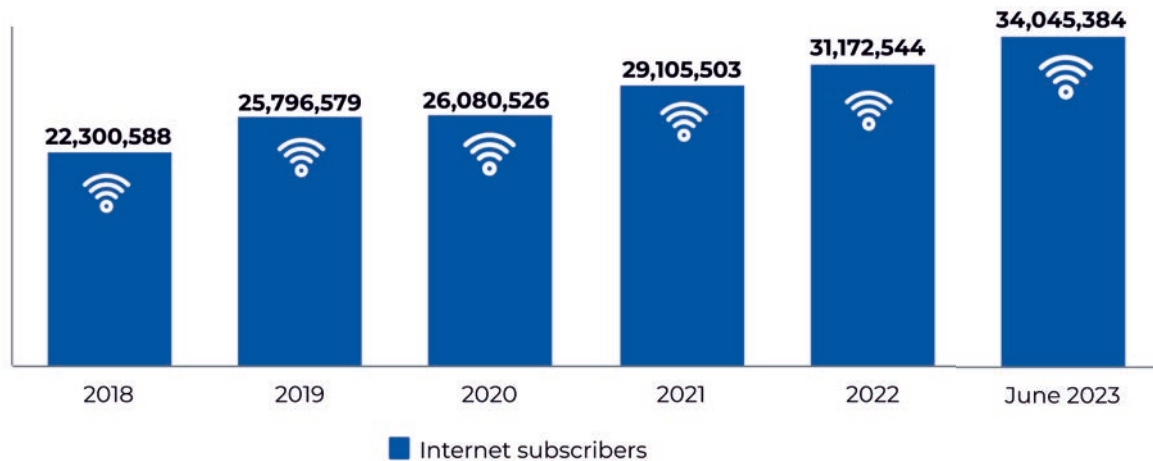
Internet usage has increased dramatically in Tanzania in the last decade growing at an average of 8% year-on-year reaching to 31.2 million users in December 2022. Within six months internet users increased by 9.2% to 34.4 million users in June 2023.



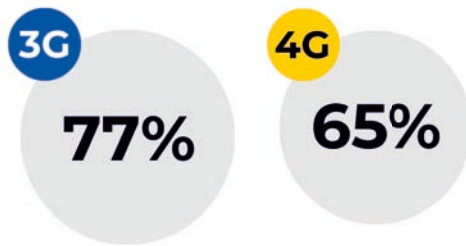
Digital technologies offer a chance to disrupt the current trajectory by unlocking new pathways for rapid economic growth, innovation, job creation and access to services which would have been unimaginable only a decade ago.

— World Bank

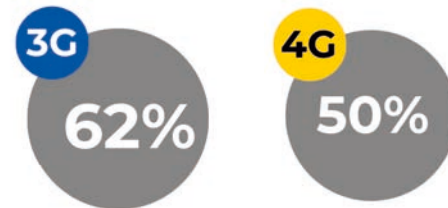
Trend of Internet Subscriptions for the past six years



Percentage of the population covered by a mobile broadband network signal of;



Percentage of Geographical coverage by mobile network signal



The ongoing project is managed by UCSAF, a government entity established in 2007 to promote infrastructure roll-out to remote and underserved areas generally viewed by operators as commercially unviable. Service providers contribute one percent (1%) of their gross annual turn-over to the fund. The Tanzania Communications Regulatory Authority (TCRA) also played a key role in the establishment of the fund and has been contributing to-date, towards its continuity together with mobile network service operators among others.

The Government special drive to minimise the digital divide, with special interest in peripheral parts of the country of where there is less communication facilities or underserved areas, has brought about substantial success of penetration of communication services of 98 percent, recording a total 64.1 millions SIM Cards registered for mobile phone users by 30th June 2023, according to TCRA statistics.

Morogoro region, in the eastern part of the country will have most base stations (71 in 169 villages) under this project followed by Tabora (50 in 190 villages); Kagera (44 in 68 villages; Pwani (50 in 92 villages) and Lindi 45 stations to cover 75 villages.

The agreements signed in May under the witness of President Her Excellency Dr. Samia Suluhu Hassan also involve upgrading existing 304 base stations to newer technology and services, of which Tigo will build 148, Vodacom 69, TTCL 55, and Airtel 32.

Service providers implementing the project were selected after UCSAF floated low-cost subsidy tenders and will have 18 months to complete all the activities paving a way for more people living in rural areas to access data and internet services.

Development of communications infrastructure is one of the costly initiatives especially for developing countries like Tanzania. The construction of a base

Cell sites built or upgraded under the Digital Tanzania project

Mobile Network Operator	Bank-funder 2G upgrade (Brownfield)	Bank-funded new sites (Greenfield)	UCSAF funded sites	Total
Airtel	32	111	50	193
Tigo	148	185	38	371
Vodacom	69	137	53	259
Halotel	0	0	34	34
TTCL	55	4	100	159
Total	304	437	275	1,016

Planning and Management of Communication Resources (frequencies, numbers, domains, postcodes and addresses)

Good planning and management of communication resources enables the availability of communications services and digital economy

80 percent of Tanzanians are set to access fast internet service in 2025



TCRA provided 700MHz, 2300MHz, 2600MHz and 3500MHz frequency bands in 2022 which enables high speed internet in 5G and 4G technology



The regulator is implementing the project to provide free internet (wifi) in public areas like universities, airports and in bus stands



The registration of TZ domain has increased by 11.8% within a year from 24,749 to 28,076 in 2022/23



Security of 1,025 Domains improved by adding security system (DNSSEC)



station costs between 300 and 350 million shillings.

Amid the costs, Tanzania, with 945,087 sq.km land size and more than 61.47 million people according to the National Bureau of Statistics (NBS), has taken strides to improve communication infrastructure in rural areas to achieve universal access to the internet.

Mobile phone technology has developed from the first generation, which was analogue and for voice only, through the second (2G) for voice and short messages. The third generation (3G) enables voice, messaging and data while the fourth (4G) adds high speed internet to all these.

In September 2022, the country rolled out the fifth generation network (5G) which delivers high speed internet, a crucial resource to maximise the benefit

of the digital economy by improving efficiency and effectiveness of various sectors including health, education, manufacturing and the media.

Half the 62.3 million SIM cards registered in Tanzania by April 2023 could access internet and data services. The new drive to build infrastructure by the 6th phase Government is highly likely to enable the country to surpass the broadband target of 80% population coverage by 2025.

The Minister for Information, Communications and Information Technology, Hon. Nape M. Nnauye (MP) said the government is keen to ensure the digital inclusiveness of all Tanzanians as part of implementing the National ICT Policy.



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A new survey allays fears over communications towers safety

By Our Correspondent



As part of ensuring safety of the community around the telecommunications infrastructure, Tanzania Communications Regulatory Authority (TCRA) recently conducted a survey to assess the levels of radiation emissions and the findings revealed that radiations from communication towers have no harm to people.

In the survey, the regulator was assessing electromagnetic field emissions from communication towers. The findings showed that the emissions are within international safety levels.

Safety is one of the paramount concerns among the people living near or along communications infrastructure and TCRA Director General, Dr Jabiri Kuwe Bakari said in the Authority's quarterly report ending June 2023 that they "are taking it seriously".

Dr Bakari said that Tanzania has been complying with safety standards and guidelines set by the International Commission on Non- Ionizing Radiation Protection (ICNIRP).

The survey showed that the highest recorded radiation level from communication towers was 3.676 volts per meter (v/M), eleven times lower than the ICNIRP's safety limit of 41.98 v/m. The results further allay public worries over EMF emissions.

'You are all safe'

"We tested radiation emissions levels from radio and mobile phones frequencies from 15 regions in Tanzania to protect users of communications services and people living near or along radio, television

and mobile communications towers. The findings shows the levels of emissions from communications infrastructure and devices are much lower than safety limits," Dr Bakari said.

TCRA works with the Tanzania Atomic Energy Commission on EMF radiation issues and the two organizations signed a memorandum of understanding in October, 2011 which involves monitoring radiation levels in the country.

TCRA has published minimum technical specifications for cellular base stations, with requirements for radiation safety and monitors compliance by service providers.

TCRA is empowered under Regulation 4(1) of the Electronic and Postal Communications (Electronic Communications Equipment Standards and E-Waste Management) Regulations, 2020 to determine

standards for base stations in the United Republic of Tanzania and conduct a periodic review.

The specifications align with those from the European Telecommunications Standards Institute (ETSI) and the International Telecommunication Union (ITU) recommendations.

This apply to all producers, manufacturers, importers and retailers of mobile phone radio transmitters and receivers used for voice and data in a particular tower.

Radio equipment must be constructed to use and support the efficient use of radio spectrum in order to avoid harmful interference.

The precise operating frequency range of a base station and repeater shall follow that of the Network Operator providing a service.

No worries: Radio and telephone towers are safe in Tanzania



TCRA tested Radio frequency and telephone radiations in **15 regions** in Tanzania to **protect people** living near telecommunications towers from adverse health issues



The test aims to review and check the impact of **Radio Frequency Electromagnetic Field radiations - EMF** in the bands used by radio, television and Communications.



Results showed the amount of radiation is below International Commission on Non-Ionizing Radiation Protection (ICNIRP) standards, **making it safer for users.**



Band type	Amount discovered	Status	Maximum ICNIRP Standards
FM radio band (87.5- 108 MHZ)	4.986 V/m (Volt per Meter)	Below ▼	27.7 V/m
Television broadcasting, (TV UHF (DTT) - 470 - 694 MHZ)	4.928 V/m (Volt per Meter)	Below ▼	29.8 V/m
Data bands LTE (Digital Dividend II - 694 - 790 MHZ)	3.823 V/m (Volt per Meter)	Below ▼	36.2 V/m
Data bands LTE (Digital Dividend I - 790 - 862 MHZ)	5.738 V/m (Volt per Meter)	Below ▼	38.6 V/m
Phone communication band (GSM 900: 925 - 960 MHZ)	4.644 V/m (Volt per Meter)	Below ▼	41.8 V/m
Phone communication band (GSM 1800: 1805- 1880 MHZ)	4.659 V/m (Volt per Meter)	Below ▼	58.4 V/m
Phone and Data communication band (WCDMA/UMTS): 2110- 2170 MHZ)	6.807 V/m (Volt per Meter)	Below ▼	63.2 V/m

INTERNET

Tanzania in the move to support digital startups growth

By Our Correspondent

Tanzania's digital start ups have started experiencing relief in their business operations following the recent government move to provide free digital communications resources to support their growth.

The relief is an outcome of the Tanzania Communications Regulatory Authority (TCRA) and the Tanzania Commission for Science and Technology (COSTECH) collaboration to provide free communication resources to emerging companies in the digital technology sector.

In this move, the government aims at creating a conducive environment for attracting digital innovation in the country and ensuring that these emerging companies have a chance to grow and succeed.

Like many startups in developing countries, startups in Tanzania face several challenges including limited capital which is exacerbated by high costs of doing business including product development.

Dr. Jabiri Bakari, TCRA Director General, said the initiative is aimed at providing young innovators with the tools they need to test their

services for a specified period of time.

Dr Bakari Said before innovators were required to obtain a license and pay a large fee to test their digital products that needed numbers or frequencies.

"If you are a student or innovator who has entered the digital world, you have created something with promising benefits that you needed to test it, and for you to achieve you need resources such as numbers, frequencies, or even to partner with mobile companies; be assured that we have made such experiments free," he said.

Tanzania's startups have been increasing annually amid prevailing challenges contributing to the national economic growth. According to the Tanzania Startup Ecosystem Status Report 2022 by Tanzania Startups Association (TSA) Tanzanian startups raised \$80.5 million in 2022 while creating 89,509 jobs in the same year equivalent to 15% of employment growth rate.

Tanzanian startups raised **\$80.5** million in 2022 while creating 89,509 jobs in the same year equivalent to 15% of employment growth rate.



Startups are cornerstones of the digital economy due to their contributions to the national economic growth. By June 2023, TCRA had already provided these essential resources to nine startup companies and is set to provide to more which will need them.

An open opportunity to grasp

Dr. Bakari encouraged young entrepreneurs, innovators, and researchers to submit their innovative ideas to COSTECH and assured them that, after receiving the approval, they will receive the resources for free.

After receiving approval, they will receive these resources at no cost and use them for a trial period of three months, with the possibility of extending the trial period.

Communication resources are essential for the availability of communication services, such as mobile money services and other services that rely on digital technology, such as modern agriculture, e-commerce, transportation, and the operation of private institutions.



These resources among other things enable high-speed internet services, which is important in the digital economy

— Dr. Jabiri Bakari

The move is to encourage young entrepreneurs, innovators, and researchers to submit their innovative ideas to COSTECH that will build solutions for national development.

Among the resources provided

by TCRA for digital startups are numbering resources, frequency spectrum, postcodes, and domain names.

Established in 2003, TCRA has a key role in regulating communications in Tanzania, overseeing the telecommunications and internet subsectors, broadcasting services and postal services.

The startup ecosystem believes that the initiative will reduce startup costs to many innovators in the East African nation.

Praygod Japhet, a Senior Manager of Programs and Operations at TSA these communication resources were previously charged at a high rate, often up to 10 million shillings depending on the service.

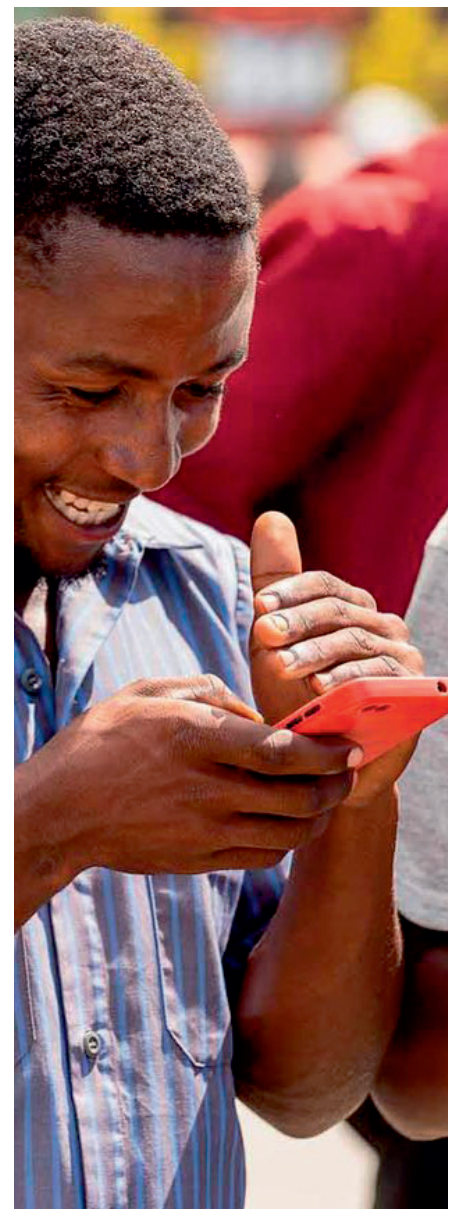
Unimagined relief

“This has helped to reduce the burden on many innovators, who are often young people from colleges and universities, and who have faced challenges in accessing capital. This support brings rare and expensive resources to innovators, which will help to improve the Tanzanian community,” he said.

Government officials in charge of promoting innovations in Tanzania expect collaboration between institutions and other stakeholders will reduce challenges facing digital innovators.

COSTECH's Head of the Information Unit, Mary Kigosi, said that the collaboration between her institution and TCRA has greatly helped innovators to access testing resources such as number and frequency resources fast and free which are crucial in agriculture, entrepreneurship, e-commerce, educational solutions, and more.

“This is a major step forward for Tanzania in this digital era,” she said.



Powering rural internet



By Nathan Belete, World Bank Country Director

These are remarks he made at the project agreements signing in Dodoma, May 2023.

access high-speed internet for the first time, helping to reduce the digital divide, through the support of this Project and the Universal Communications Service Access Fund (UCSAF).

The World Bank has been supporting your Government in different sectors, and foremost among these is the Digital sector. The Digital Tanzania Project is financed through a US\$150 million credit. It is being implemented by the Ministry of Information, Communication and Information Technology, and the President's Office (for Public Service Management and Good Governance).

Today, around one fifth of these funds are being committed in infrastructure development contracts. The contracts relate to the Digital Infrastructure and Connectivity component of the Project. This component aims to ensure access to affordable, high-quality internet services for all citizens, including in rural areas, and for critical government institutions.

With funding from the Project and UCSAF, we are pleased to note that over one thousand mobile towers will be constructed/upgraded primarily in rural areas.

The Project will also co-invest with the private sector to expand coverage to more than three million Tanzanians who are not yet covered by a 4G signal. Also, under this component, the Project is expanding, by more than tenfold, the international internet bandwidth available to the Government. More specifically, the project intends to connect all unconnected Ministries, Departments and Agencies,

We are all aware that advances in digital technologies can have a great impact on the way people interact with each other, locally and globally.

In today's world, the ability to communicate easily through voice, video, messaging, and data sharing applications is absolutely essential in both business and personal life, and especially for education. By adopting internet and mobile technologies, many businesses have realized improved productivity and new business opportunities.

But without access to mobile cellular services and broadband internet, none of this is possible. In many parts of rural Tanzania, service coverage is patchy, or limited only to voice without internet data.

Today, we are celebrating the fact that, under the contracts being signed with mobile network operators, more than three million Tanzanians will be able to

and Local Government Authorities to high-speed broadband through deployment of additional fiber optic cable in the last mile.

The World Bank had been supporting the Government's digital agenda through the Regional Communications Infrastructure Program (RCIP-TZ) which closed in 2017. That project already brought an additional 2.6 million Tanzanians in rural areas online and contributed to a 99 percent drop in the price of international bandwidth.

Today we are going further and working towards the goal of ensuring that there is universal access to communications services, at affordable prices, across all of Tanzania. Most of the necessary investment is from the private sector, which we applaud. We are using targeted "smart subsidies" to guide investment to rural areas that would not otherwise be served, and to accelerate the pace of infrastructure development in rural areas.

This investment will also support many of the Government's other development efforts, whether in agriculture, education, healthcare, or financial inclusion. We are very proud to be associated with these important investments, and we congratulate the Government for the work that was carried out to ensure their realization.

Our work does not stop here. The Project aims to increase access to high-quality broadband internet services for government, businesses, and citizens, and to improve the government's capacity to deliver digital public services.

Component 1 of the project is on building Tanzania's Digital Ecosystem and encouraging digital entrepreneurship. Component 3 seeks to secure the provision of online Government services, through an enhanced data center, and by bringing services closer to the people by establishing a series of one-stop shops for accessing government services in rural areas.

The Project is aligned with the World Bank's Digital

Economy for Africa (DE4A) initiative, which is supporting the implementation of the African Union's Digital Transformation Strategy for Africa.

The Digital Transformation Strategy for Africa sets out a bold vision that calls for every African individual, business, and government to be digitally enabled by 2030. The digital economy is, and will be, a key driver of Tanzania's future growth and prosperity. The successful realization of all the other aspects of the Digital Tanzania Project will ensure that Tanzania and all its citizens will thrive in the 4th industrial revolution that is reshaping the global economy.

Through DTP, subsidies are provided to mobile network operators to establish or upgrade cell sites, distributed between operators. The awards were made through a competitive selection process in which the firms requesting the lowest level of subsidy won the award (a leastcost subsidy model). In addition, UCSAF is using its own funds to provide funding for a further 275 sites, bringing the total to over 1,000.





Namba ni 100 Pekee!



- ✓ Wasiliana na mtoa huduma wako kupitia namba 100 pekee.
- ✓ Hudumiwa kupitia namba 100 pekee.
- ✓ Usitekeleze maelekezo kutoka namba ya simu binafsi yanayokutaka urudishe pesa zilizotumwa kwako kimakosa.
- ✓ Usifuate maelekezo ya kubofya namba fulani kwenye simu yako kutoka kwa namba ya simu binafsi.

Kama sio namba 100, Potezea!

USEFUL TIPS

How to maximise the benefits of social media responsibly in Tanzania

By Staff Correspondent

For many of us, social media has become an integral part of our lives. We use it to stay connected with friends and family, to learn about the world around us, and to express ourselves. To some, they cannot pass an hour without checking an update on WhatsApp or Instagram.

While social media poses more benefits to users, there are users who are not using it responsibly, making them prone to break laws and online vulnerabilities.

However, it is important to use social media responsibly. Here are a few tips on how to effectively use social media.

- Be mindful of what you share. Think twice before you post anything online. Remember that what you post can be seen by anyone, and it can stay online forever. Avoid posting anything that could be embarrassing, hurtful, or illegal.
- Be respectful of others. Treat others online the same way you would treat them in person. Avoid cyberbullying, spreading rumours, and posting hateful or discriminatory content.
- Be aware of scams, misinformation and disinformation. There are many scams and misinformation campaigns circulating online. Be critical of the information you see and be careful about clicking on links.
- Protect your privacy. Be careful about what information you share online. Avoid sharing your personal information, such as your address, phone number, or financial information. Be sure to use strong passwords and enable two-factor authentication on your social media accounts.

If you are in Tanzania, you may need to be more of the laws to avoid inconvenience should you break them. Remember the ignorance of the law is not an excuse.



There are a number of laws in Tanzania that govern online behavior. For example, it is not permissible to spread misinformation or to incite violence online. Here are some of the relevant laws:

- The Cybercrimes Act, 2015: This law prohibits a wide range of online activities, including cyberbullying, spreading false information, and inciting violence.
- The Electronic and Postal Communications Online Content Regulations 2020. Provide regulation of online content such as the requirement for online content hosts to remove prohibited content or

not to publish the same.

- The Statistics Act, 2015: This law regulates the collection, analysis, and dissemination of statistical data in Tanzania. It also contains provisions on online data collection and protection. Be responsible when sharing any statistical data.

The Media Services Act, 2016: This law regulates

- the media industry in Tanzania. It also contains provisions on online media, such as the requirement for online media providers to register with the Tanzania Communications Regulatory Authority (TCRA).

Personal Data Protection Act, 2022: This law sets

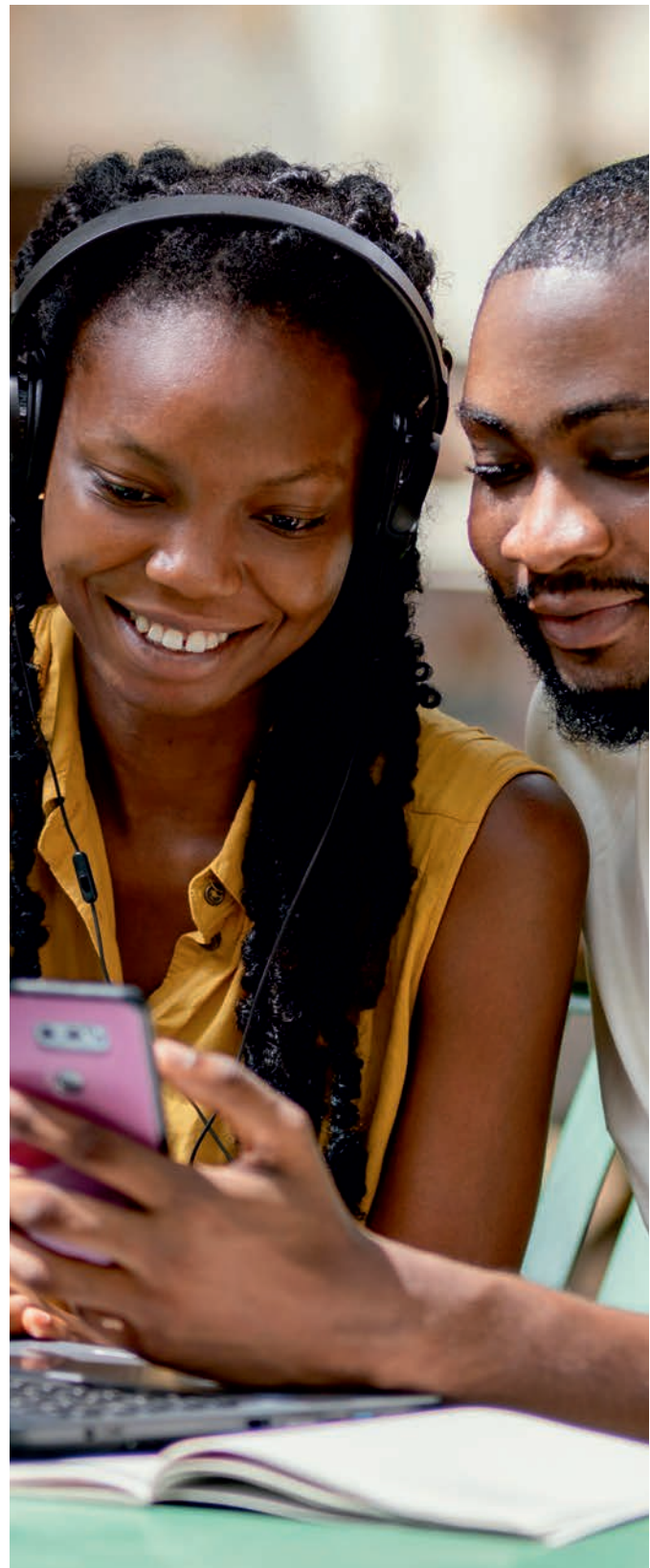
- minimum requirements for the collection and processing of personal data in Tanzania. The Act was passed in November 2022 and came into force on May 1, 2023. The Act is meant to protect the right to privacy of individuals and to ensure that their personal data is collected, used, and disclosed in a fair and transparent manner. The Act also aims to promote responsible data processing practices by organisations.

Social media can be a powerful tool for promoting positive change in Tanzania. Use your social media platform to raise awareness about important issues, to connect with others who are working to make a difference, and to share positive stories about you and your country, Tanzania.

If you are in Tanzania, you may need to be more aware of the laws to avoid inconvenience should you break them. Remember the ignorance of the law is not an excuse.

By following these tips, you can be a responsible social media user and help to create a more positive and informative online community.

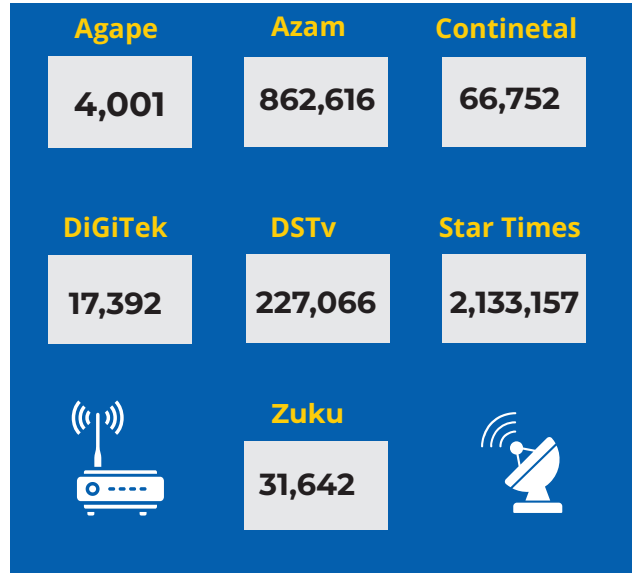
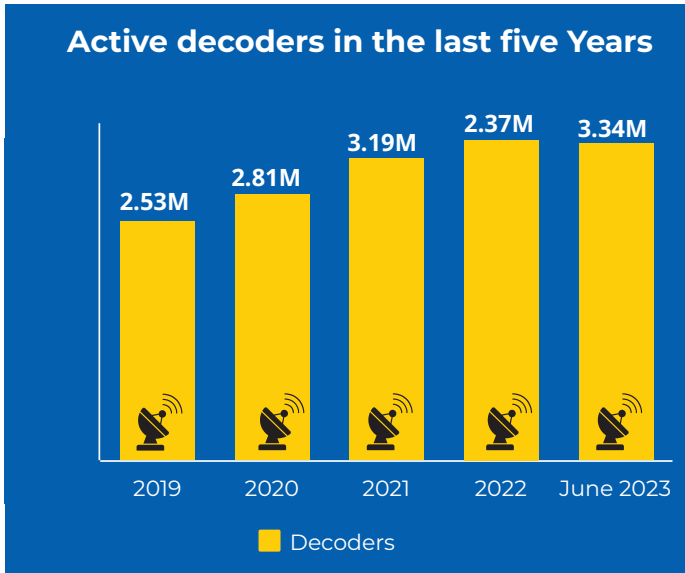
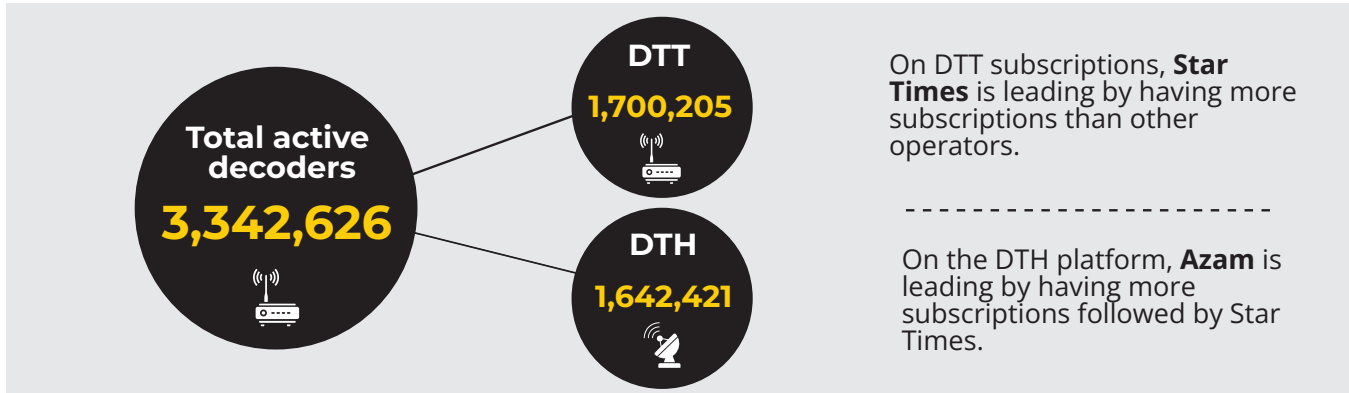
REMEMBER, you are responsible for the content you share online. Use your social media platform wisely and make a positive impact on the world.



Tanzania broadcasting sector at Glance

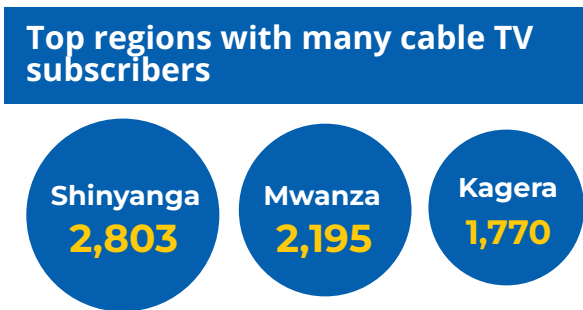
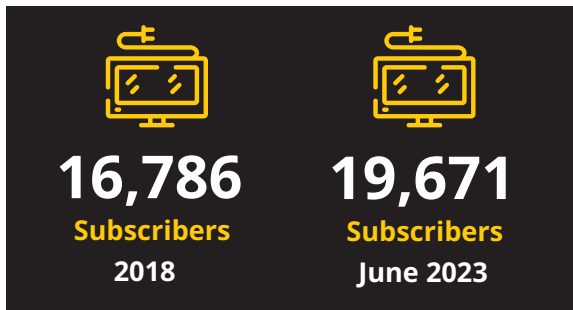


Despite viability challenges facing the broadcasting sector across the world, the number of active decoders have been increasing year-on-year in Tanzania, a promising signal for the sector growth. The number of active decoders has increased to **3,342,626** in June 2023, up from **3,169, 231** recorded in July 2022.



Steady Growth on Cable TV Services

Cable television services have been growing steadily over years in Tanzania



Resiliency, innovations for Postal sector recovery

By Our Correspondent

Although Information and communications technologies (ICTs) have disrupted traditional postal businesses, parcels and logistics operations can ride on these technologies.

Tanzania's public postal operator and courier companies are maximizing the potential of digital solutions and have adopted several strategic measures to improve parcel delivery.

Besides the Tanzania Posts Corporation, TCRA has licenced 104 courier companies to provide services within the country, East Africa and internationally. Courier licences also have categories for inter-city and intracity services.

Courier companies provide last-kilometre delivery

of items traded through electronic networks. The Universal Postal Union (UPU), and Pan African Postal Union (PAPU) have been promoting the development of electronic commerce among African countries.

African postal operators are implementing the Abidjan Postal Strategy and Development Policy (2022–2025), approved by the 27th Congress in Abidjan, Ivory Coast in August 2021.

The Abidjan Postal Strategy notes the pivotal role of the postal sector and its importance in promoting socio-economic development, with today's postal service having a much more active role than in the past.

It explains that Posts in Africa are well positioned to provide e-government, e-commerce and e-financial



services to vulnerable populations that tend to be excluded, such as women, the poor, the less educated and those in the informal sector.

The strategy seeks to stimulate the development of efficient and accessible universal postal services of quality to facilitate communication worldwide by guaranteeing the free circulation of postal items over a single postal territory composed of interconnected networks.

Its other objectives are to encourage the adoption of fair common standards and the use of technology; ensure cooperation and interaction among stakeholders and promote effective technical cooperation; ensuring the satisfaction of customers' changing needs.

UPU's 2022 Postal Development Report urges countries to revisit their postal business models and quickly adapt them to the needs of the next generation of Postal customers.

"Commercial success can be exponential if action is taken at the right time and in the right direction", the Union says in the report.

Tanzania is implementing a programme to mainstream information and communications technologies (ICTS) in all sectors. The Digital

Tanzania Project promotes electronic services, including financial, and electronic commerce. TPC will serve as a one-stop centre for various government and public services.

The corporation has adopted ICTs and diversified into many areas. It has improved its transportation fleet and logistics management.

The June 2023 communications statistics published by TCRA show that parcels sent and delivered by TPC internationally and within Tanzania fell from 10.2 million in 2017 to 239,239 in 2022.

Africa's Postal operators are well positioned to provide e-government, e-commerce and e-financial services to vulnerable populations that tend to be excluded, such as women, the poor, the less educated and those in the informal sector



Tanzania Communication Sector in Figures

Licensing progress as of June 2023



TCRA has continued to issue **licenses and regulate licensing terms** to all service providers

1,481











Communication service providers have been registered

2,415

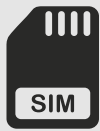


Licenses have been issued to service providers

Licences provided

No	Type of licence	Licence 2022/2023	Total number of licence provided
1	Network Facilities License 	1	31
2	Network Services 	-	16
3	Application Services 	16	127
4	Content Services		
	 Television	6	66
	 Online Television	67	272
	 Cable Television	17	81
	 Radio	21	225
	Online Radio	2	8
5	Postal & Courier Services		
	 Tanzania Postal Corporation	-	1
	Courier	48	104
6	Installation and Manufacturing Sub-Licences, Import and Distribution of Mobile Equipment, VSAT, VHF/HF/UHF Frequencies, and Electronic numbers	571	1,484
TOTAL		749	2,415

Tanzania records historic mobile subscription milestone



64.1 million

SIM cards were registered by June 2023 in Tanzania

Dar es Salaam is leading region in Tanzania for having **more registered SIM cards**

11,797,544 SIM cards

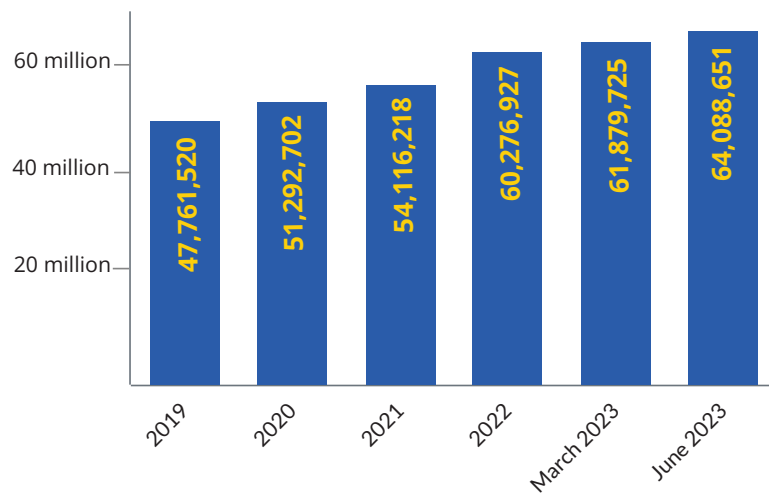
equivalent of **18.4%** of the registered SIM cards are found in Dar es Salaam

Kusini Unguja had the lowest number of subscribers with **58,591 registered SIM cards**

13%

The subscription has increased by **13%** from **56.7 million** subscribers which were recorded in

Mobile subscription trends



7.3 million subscribers

were registered between July 2022 and June 2023

Telecom Subscriptions: Quarterly Overview

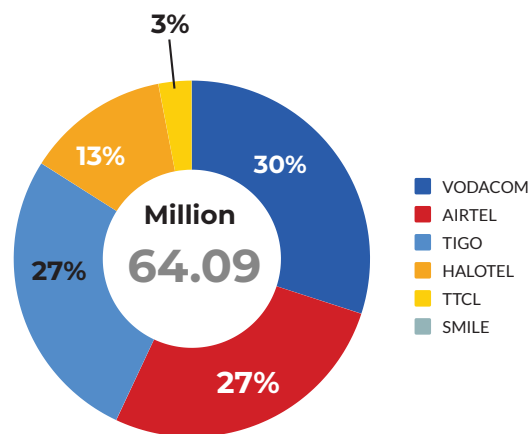
Total subscriptions increased by

3.6%

from **61.9 million** in March 2023 to **64.1 million** as at end of June 2023

On average, this is an increase of **1.5%** from April to June compared to an average increase of **0.59%** in every month of the last quarter

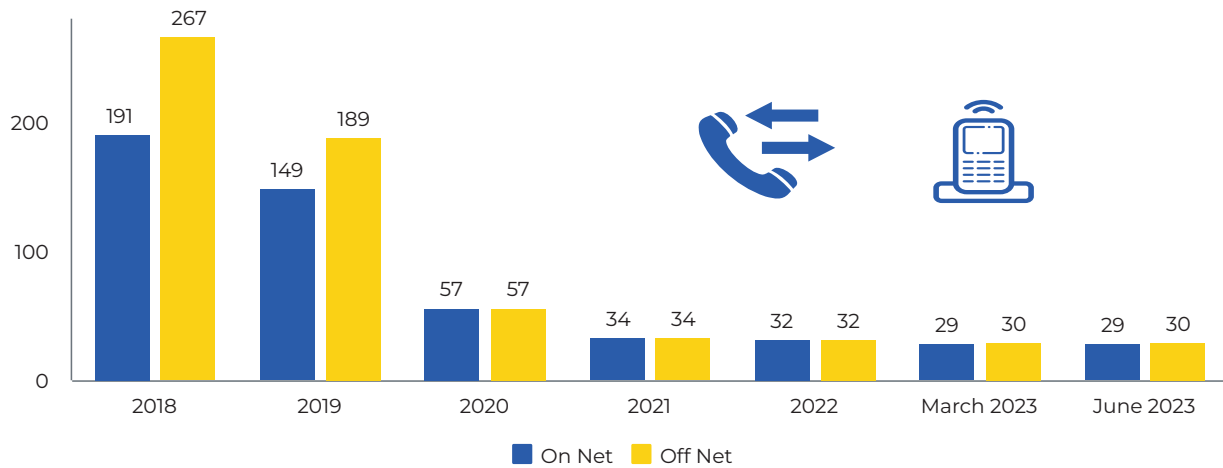
TELECOM MARKET SHARE AS OF JUNE 2023



35%

There is **no operator** with market share **greater than 35%** which is a minimum significant level, signifying that there is a healthy competition among the operators in the telecommunication sub sector

Trend of retail costs for making on-net and off-net calls without a bundle from 2015 to June 2023 (including taxes)



The average price of on-net minutes without a bundle (Tshs a minute) has decreased significantly



The price of on-net minutes has decreased by 3% within a year

Source: Tanzania Communications Regulatory Authority (TCRA)

The average of bundle prices has been decreasing over time



Call prices under **bundle plans** have changed time to time due to changes in operations expenses incurred by the operators



Despite changes in calling prices, on-net and off-net tariffs under bundle plans have **similar rates**, enabling customers to **call anywhere**

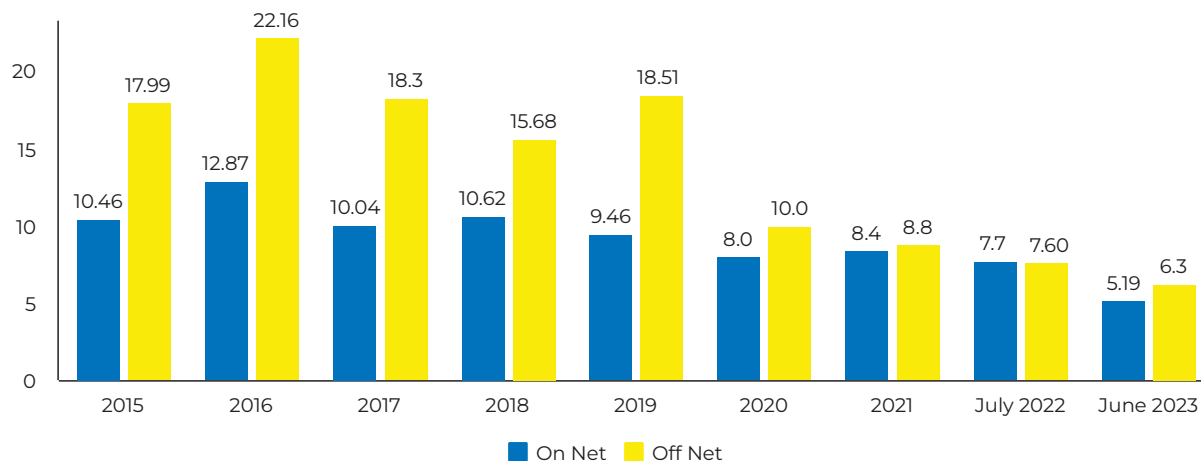


This situation has removed the necessity of subscribing to more than one operators to reduce communication costs



The price of calling with bundle for a minute has been **decreasing for the past 7 years since 2015**

Trend of calling prices under bundle plans



A Highlight on Number of Transactions



Tanzania continues to develop an integrated financial system due to the increasing number of users conducting transactions through mobile phones



Communication statistics shows the **rise of mobile money services** as of June 2023

47.3 million As of **June 2023** there were **47,275,660** mobile money accounts up from **44,940,441** recorded in April 2023



The number of accounts has grown by **24%** from **38,008,482** accounts recorded in July 2022

20%
annual growth

Number of transactions has increased by **20%** from **349,952,830** recorded in July 2022 to **420,675,884** June 2023



tz

Ifanye kazi yako itambulike Ulimwenguni kote kwa kusajili Baruapepe na Tovuti yako kupitia Kikoa cha DOT TZ

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TCRA

Mamlaka ya Mawasiliano Tanzania (TCRA) Tunakujali na kukuthamini wewe Mteja wetu

Kwa Mrejesho kuhusu Huduma na Bidhaa za Mawasiliano

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