



Ministry of Communications  
and Information Technology

# ICT Indicators Bulletin

September 2022 | Quarterly Issue



ICT Sector's Infrastructure Indicators

The ICT Sector's Role in Development

# Indicators in Brief

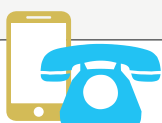
Data item	Unit	July - September 2021	April - June 2022	July - September 2022	Quarterly growth rate (%)	Annual growth rate (%)
<b>ICT Sector: Infrastructure Indicators</b>						
Mobile subscriptions	Million	101.02	98.34	99.07	0.74	-1.93
Mobile penetration *	%	97.87	94.01	94.29	0.28	-3.58
Fixed line subscriptions	Million	10.58	11.28	11.41	1.20	7.87
Fixed line penetration *	%	10.25	10.78	10.86	0.08	0.61
Mobile Internet subscriptions	Million	62.08	68.53	69.62	1.58	12.14
USB Modem subscriptions	Million	3.26	2.09	2.02	-3.68	-38.05
ADSL subscribers	Million	9.73	10.52	10.77	2.43	10.7
Number of post offices	Post Office	4088	4285	4325	0.93	5.80
<b>ICT Sector's Role in Development</b>						
Capacity building program provided by ITIDA	Thousand Graduates	32.398	35.816	37.119	3.63	14.57

\* Growth rates are calculated based on the difference between penetration rates in different time intervals.

The proportion of individuals using Internet reached 72.2% according to "ICT access and use by households and individuals 2021/2022."

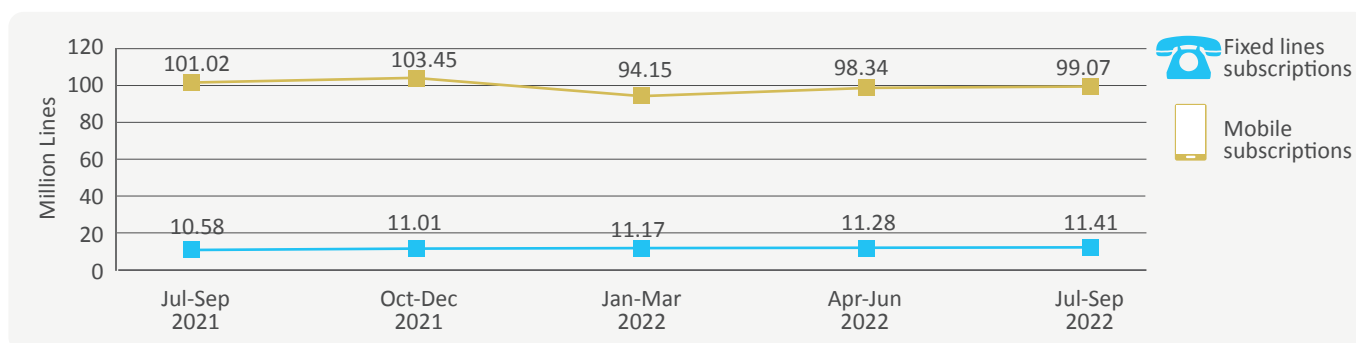
# ICT Sector's Infrastructure Indicators

- Mobile subscriptions (July - September 2022): 99.07 million
- Mobile penetration (July - September 2022): 94.29%
- Fixed line subscriptions (July - September 2022): 11.41 million
- Fixed line subscriptions in urban areas (July - September 2022): 9.15 million. In rural areas 2.26 million.
- Mobile Internet users (July - September 2022): 69.62 million
- USB Modem users (July - September 2022): 2.02 million users
- ADSL subscribers (July - September 2022): 10.77 million
- Number of post offices (July - September 2022): 4325 Post offices
- Number of beneficiaries of pension payment service through post offices (July - September 2022): 5.09 million beneficiaries



## Fixed Lines and Mobile Subscriptions

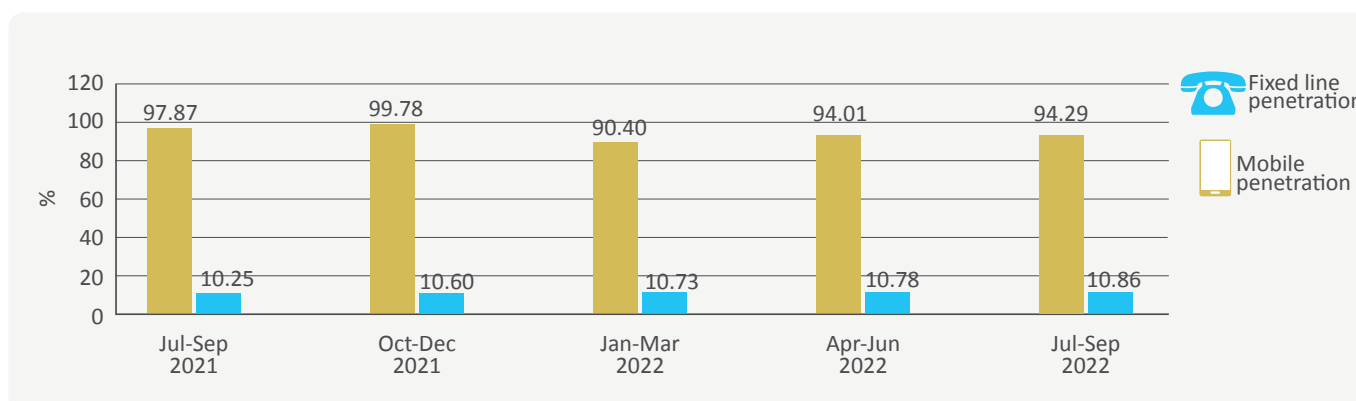
- The number of fixed line and mobile subscriptions was 110.48 million at the end of July - September 2022, compared to 111.60 million at the end of July - September 2021.
- The number of mobile subscriptions was 99.07 million at the end of July - September 2022, compared to 101.02 million at the end of July - September 2021. Mobile subscriptions made 90% of total telephone service.



Source: Ministry of Communications and Information Technology, Telecom Egypt

## Fixed Line and Mobile Penetration

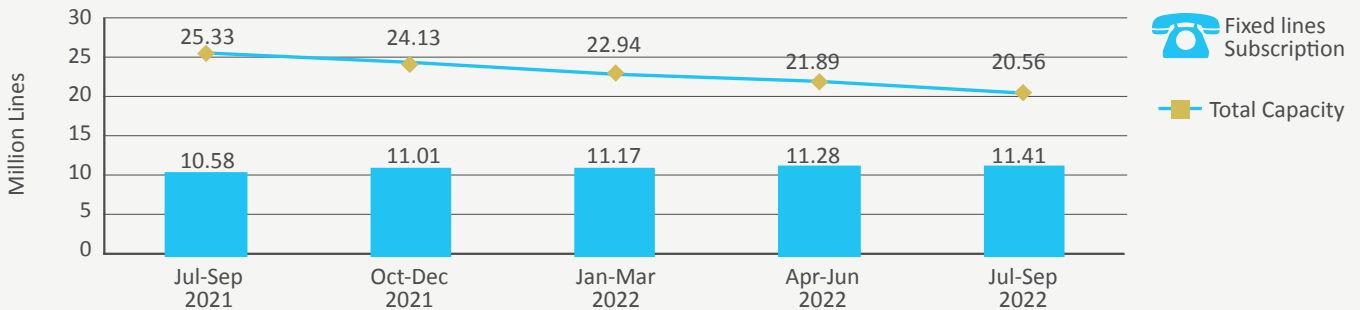
- Mobile penetration reached 94.29% at the end of July - September 2022, compared to 97.87% at the end of July - September 2021, representing an annual change rate of -3.58%. Fixed line penetration reached about 10.86% by the end of July - September 2022.



Source: Ministry of Communications and Information Technology, Telecom Egypt

## Fixed Lines Subscription and Local Exchange Capacity

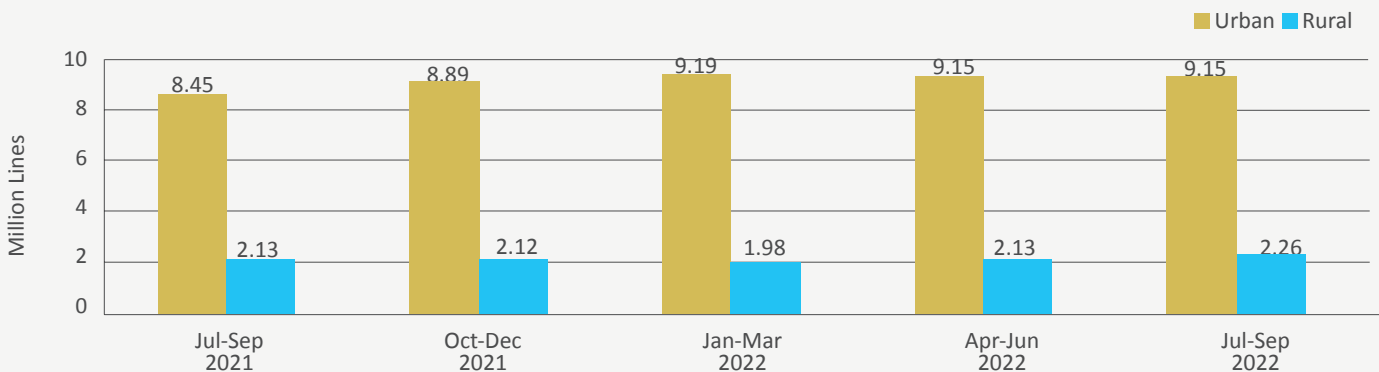
- The total number of fixed line subscriptions reached 11.41 million at the end of July - September 2022 compared to 10.58 million at the end of July - September 2021.
- The capacity of local exchanges increased to 20.56 million lines at the end of July - September 2022, compared to 25.33 million at the end of July - September 2021, representing an annual change of -4.76 million lines and an annual change rate of -18.81%.



Source: Ministry of Communications and Information Technology and Telecom Egypt

## Fixed Lines Subscription (Urban - Rural)

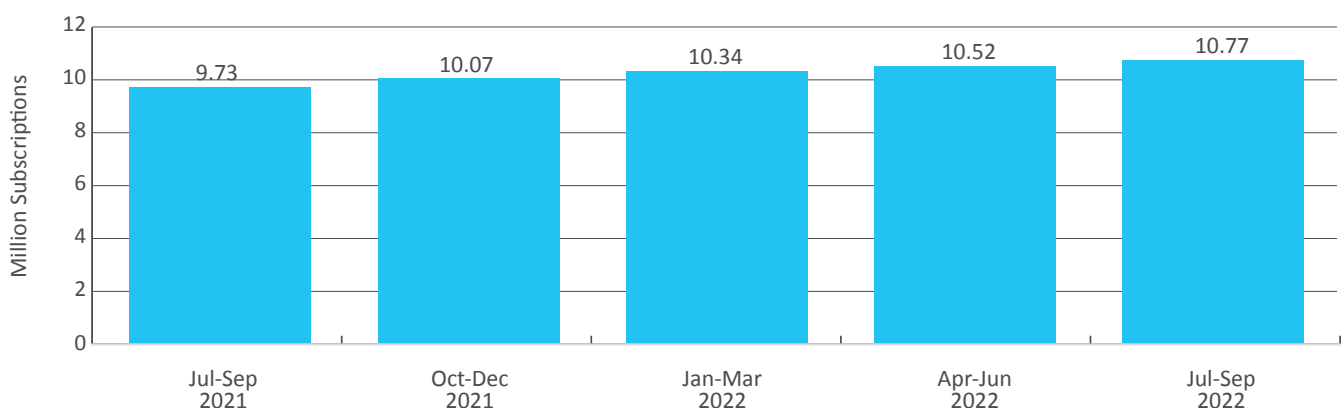
- The number of fixed line subscribers in urban areas reached 9.15 million by the end of July - September 2022, compared to 8.45 million by the end of July - September 2021; while the number of fixed line subscribers in rural areas reached 2.26 million by the end of July - September 2022 compared to 2.13 million by the end of July - September 2021.



Source: Ministry of Communications and Information Technology and Telecom Egypt

## ADSL Subscriptions

- The number of ADSL subscriptions reached 10.77 million by the end of July - September 2022 compared to 9.73 million at the end of July - September 2021 with an annual change of 1.05 million and annual change rate of 10.7%.

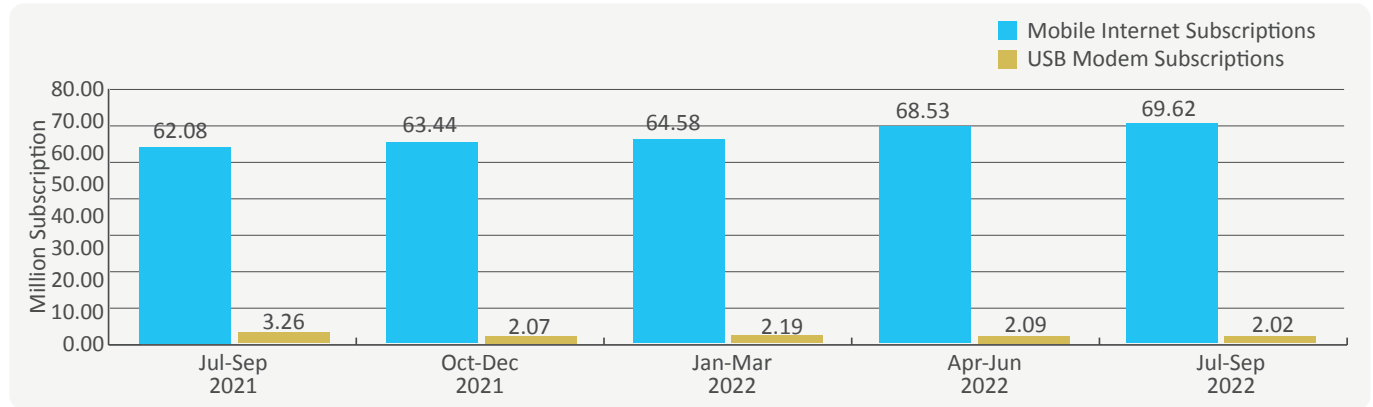


Source: Ministry of Communications and Information Technology and Telecom Egypt



## Mobile Internet and USB Modem Subscriptions

- The number of mobile internet subscriptions reached 69.62 million by the end of July - September 2022 compared to 62.08 million at the end of July - September 2021.
- The number of USB Modem subscriptions reached 2.02 million by the end of July - September 2022 compared to 3.26 million at the end of July - September 2021.

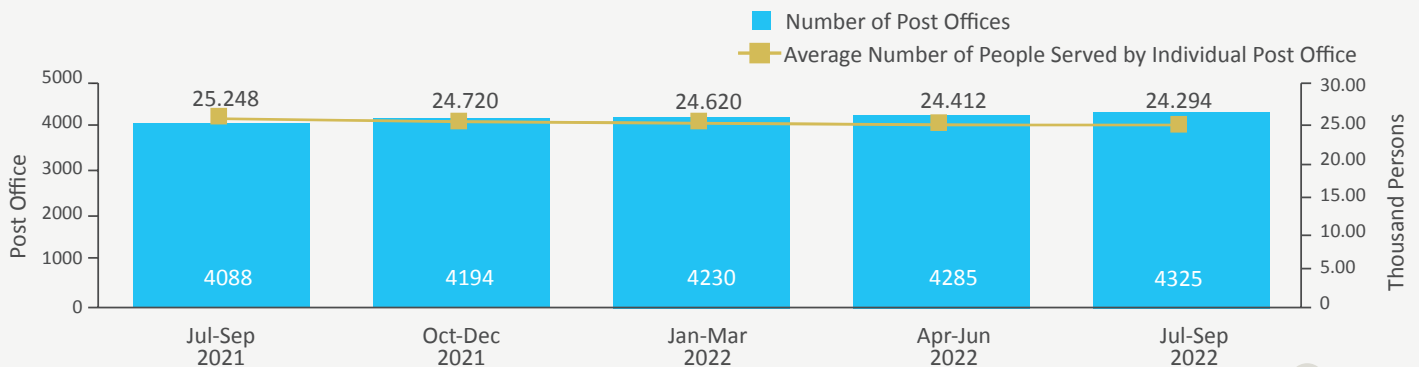


Source: Ministry of Communications and Information Technology

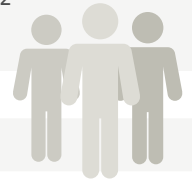


## Post Offices

- The total number of post offices increased to 4325 at the end of July - September 2022, compared to 4088 at the end of July - September 2021, reflecting an annual growth rate of 5.80%.
- The average number of people served by individual post offices was 24,294 thousand persons at the end of July - September 2022, compared to 25,248 thousand at the end of July - September 2021, representing an annual change rate of -3.78%.

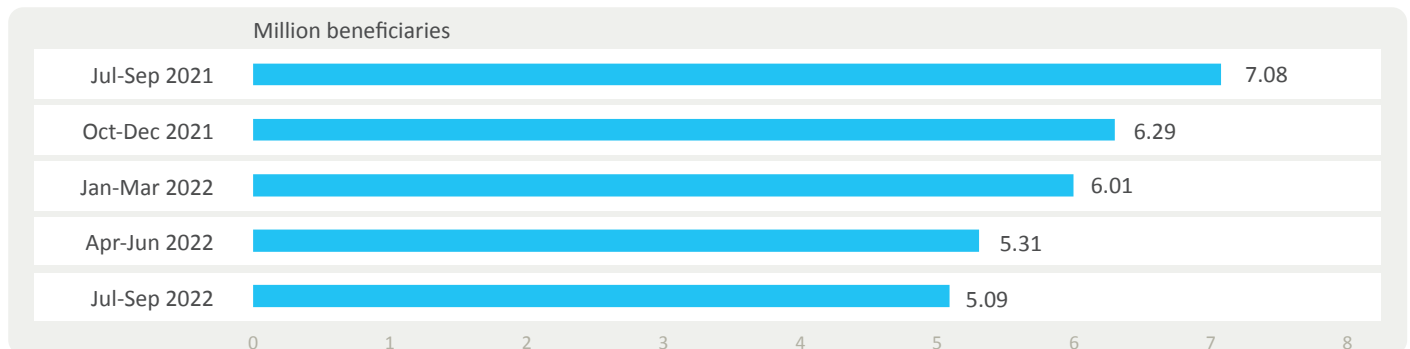


Source: Ministry of Communications and Information Technology and Egypt Post



## Number of Pensions Distributed through Post Offices

- The number of beneficiaries of pensions distributed through post offices increased to about 5.09 million in July - September 2022 compared to 7.08 million in July - September 2021.



Source: Ministry of Communications and Information Technology and Egypt Post

## Value of Pensions Distributed through Post Offices

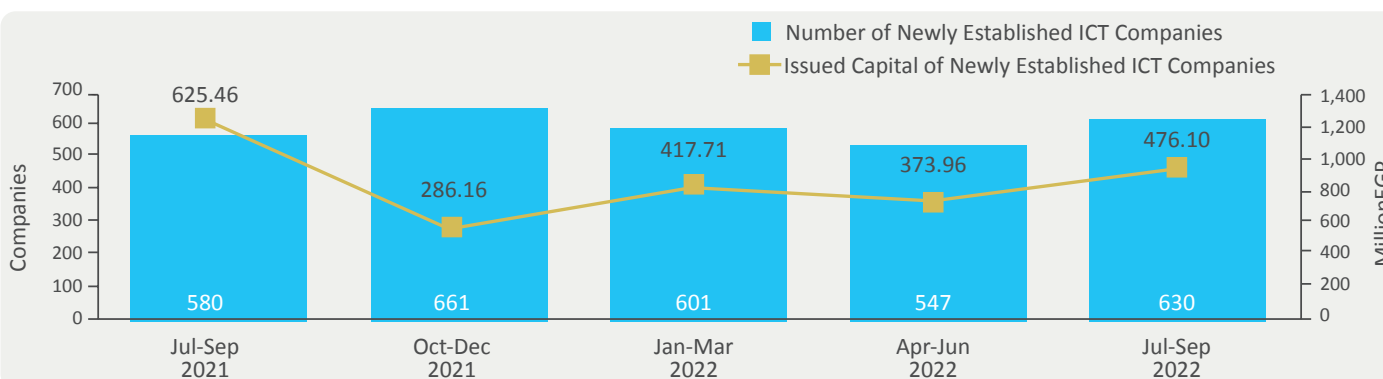
- The value of pensions distributed through post offices reached 10.61 billion EGP in July - September 2022 compared to 9.09 billion EGP in July - September 2021



Source: Ministry of Communications and Information Technology and Egypt Post

## Number of Newly-established ICT Companies and Issued Capital

- The number of newly-established ICT companies reached 630 in July - September 2022, compared to 580 companies in July - September 2021.
- The volume of issued capital of newly-established ICT companies reached 476.10 million EGP in July - September 2022, compared to 625.46 million EGP in July - September 2021.

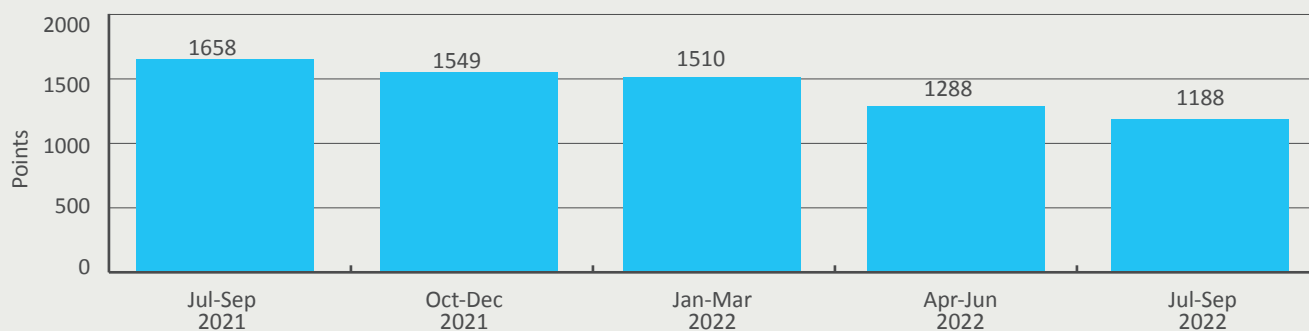


Source: General Authority for Investment and Free Zones (GAFI)



## Egypt's Stock Exchange Telecommunications Index\*

- The telecommunications index in Egypt's Stock Exchange reached 1188 points during July - September 2022, compared to 1658 points during July - September 2021.



Source: Egypt's Stock Exchange

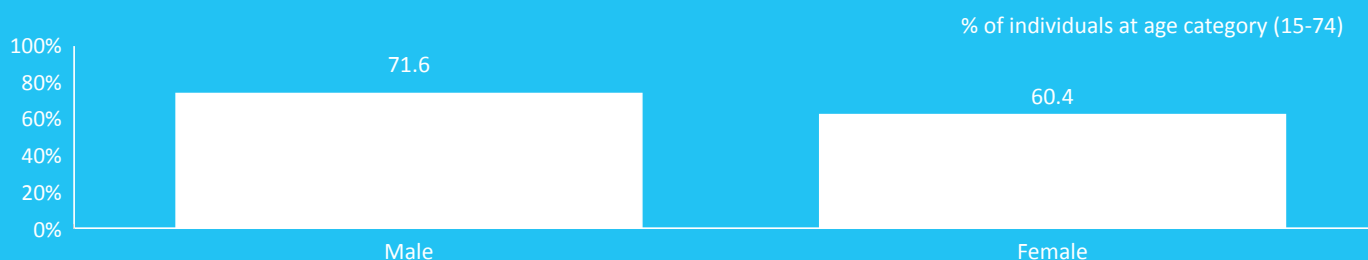
\*The IT, Media and Communication Services Index includes seven companies: Raya Contact Center, Fawry for Banking Technology and Electronic Payment, Egyptian Media Production City, Telecom Egypt, Egyptian Satellite Company (Nilesat), Orascom Investment Holding (OIH), and eFinance.

# The ICT Sector's Role in Development

- The proportion of households using mobile: 98.5%
- Proportion of households using the Internet: 74%
- Proportion of households with Internet access at home using fixed broadband: 43.8%
- Proportion of individuals who use a mobile phone: 97.6%
- Proportion of individuals using the Internet: 72.2%
- Proportion of individuals who access internet at home: 90%
- Number of graduates who received the software training by ITIDA till September 2021: 37.119 thousand trainees
- Number of graduates of ITI till September 2022: 15.89 thousand trainees

## Smartphone Usage by Gender

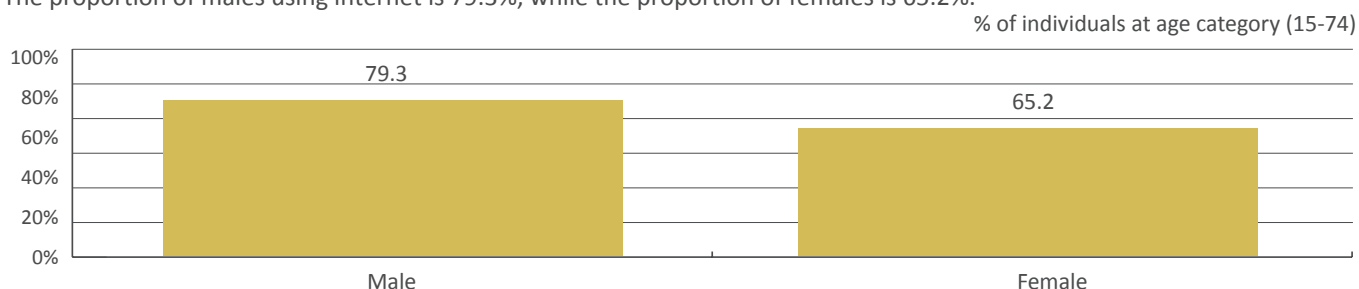
- The proportion of males using smartphones is 71.6%, while the proportion of females is 60.4%.



Source: "Survey of ICT usage in household and individuals," conducted by the Ministry of Communications and Information Technology (MCIT) in cooperation with the Central Agency for Public Mobilization and Statistics (CAPMAS), 2021-2022.

## Internet Usage by Gender

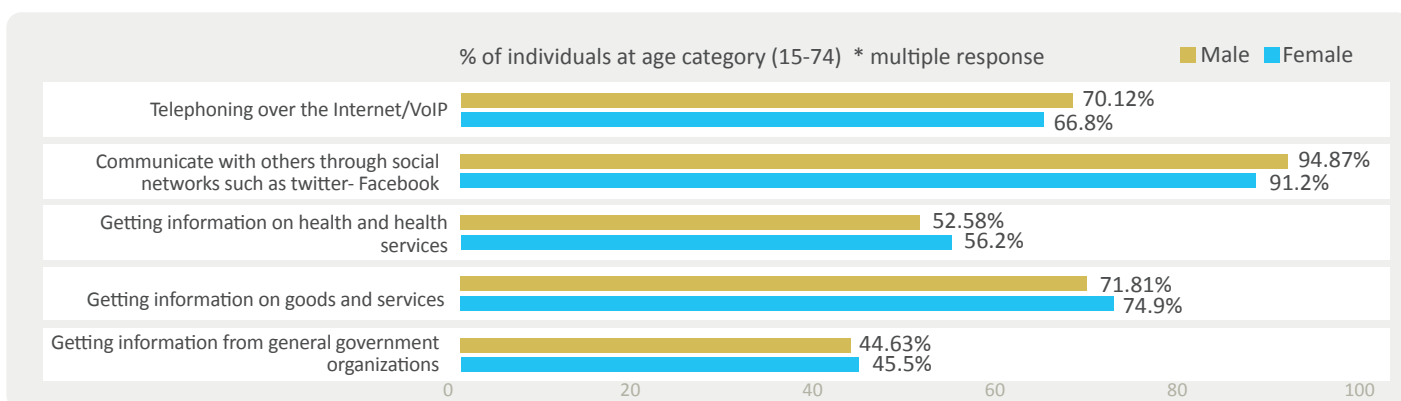
- The proportion of males using internet is 79.3%, while the proportion of females is 65.2%.



Source: "Survey of ICT usage in household and individuals," conducted by the Ministry of Communications and Information Technology (MCIT) in cooperation with the Central Agency for Public Mobilization and Statistics (CAPMAS), 2021-2022.

## Internet Activities for Individuals by Gender

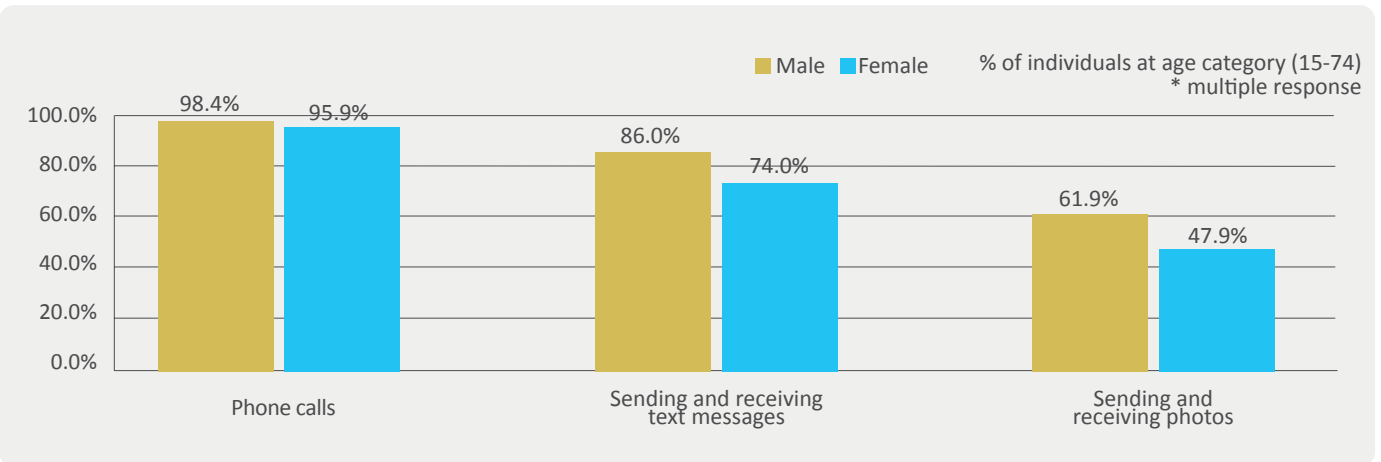
- The proportion of individuals who use the Internet to communicate through social networks (Twitter and Facebook) reached 94.87% for males and 91.2% for females. Those who got information on goods and services, is 71.8% for males and 74.9% for females, followed by those who use the Internet for telephoning is 70.12% for males and 66.8% for females, getting information on health and health services is 52.58% for males and 56.2% for females, and getting information from public government organizations: 44.6% for males and 45.5% for females.



Source: "Survey of ICT usage in household and individuals," conducted by the Ministry of Communications and Information Technology (MCIT) in cooperation with the Central Agency for Public Mobilization and Statistics (CAPMAS), 2021-2022.

## Mobile Activities for Individuals by Gender

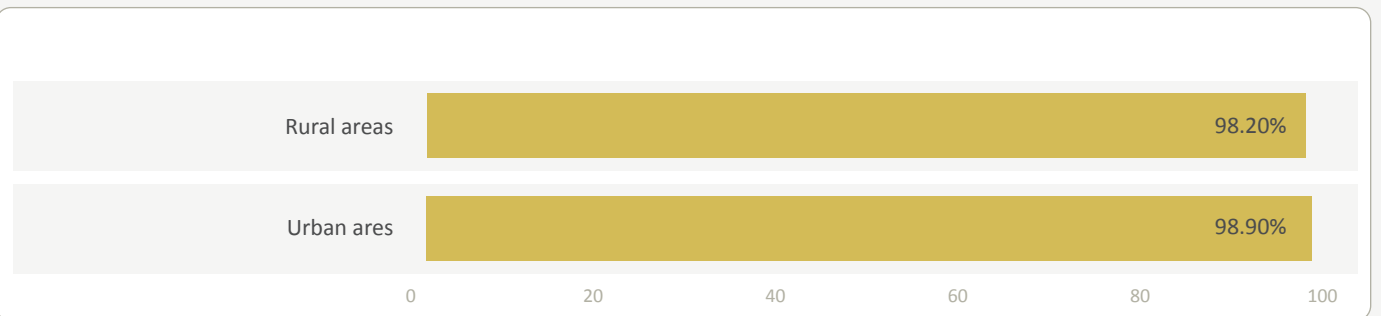
■ The proportion of individuals who use a mobile phone for making and receiving calls reached 98.4% for males and 95.9% for females, while those who use it for sending and receiving text messages reached 86% for males and 74% for females, followed by those who use it to access the Internet is 78.5% for males and 64.3% for females, and the proportion of those who use it to send and receive photos reached 61.9% for males and 47.9% for females.



Source: "Survey of ICT usage in household and individuals," conducted by the Ministry of Communications and Information Technology (MCIT) in cooperation with the Central Agency for Public Mobilization and Statistics (CAPMAS), 2021-2022.

## Households Using Mobile according to (Rural/Urban)

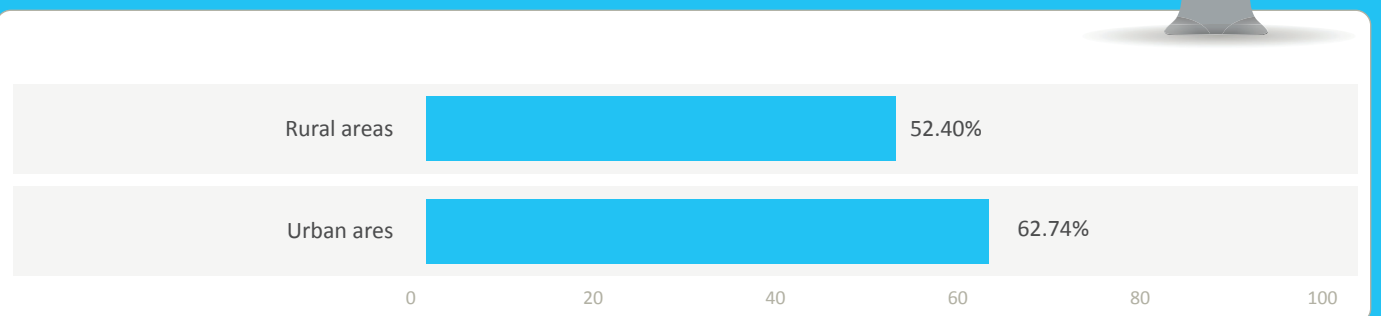
■ The proportion of households using mobile in urban areas is 98.9%, while in rural areas is 98.2%.



Source: "Survey of ICT usage in household and individuals," conducted by the Ministry of Communications and Information Technology (MCIT) in cooperation with the Central Agency for Public Mobilization and Statistics (CAPMAS), 2021-2022.

## Households Using Computer according to (Rural/Urban)

■ The proportion of households using computer in urban areas is 62.7%, while in rural areas is 52.4%.

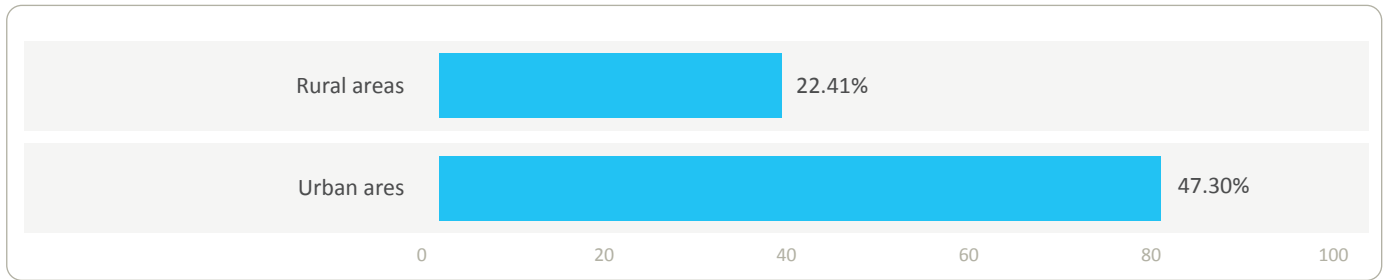


Source: "Survey of ICT usage in household and individuals," conducted by the Ministry of Communications and Information Technology (MCIT) in cooperation with the Central Agency for Public Mobilization and Statistics (CAPMAS), 2021-2022.



## Households with Fixed Line according to (Rural/Urban)

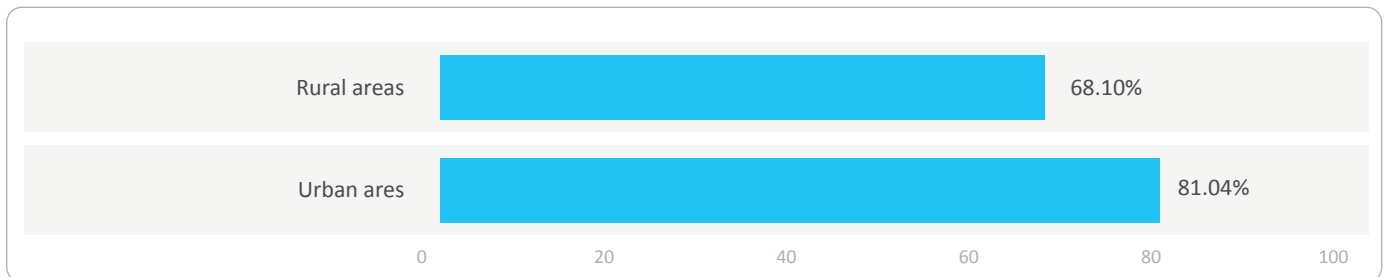
■ The proportion of households with fixed line in urban areas is 47.3%, while in rural areas is 22.4%.



Source: "Survey of ICT usage in household and individuals," conducted by the Ministry of Communications and Information Technology (MCIT) in cooperation with the Central Agency for Public Mobilization and Statistics (CAPMAS), 2021-2022.

## Households Using Internet according to (Rural/Urban)

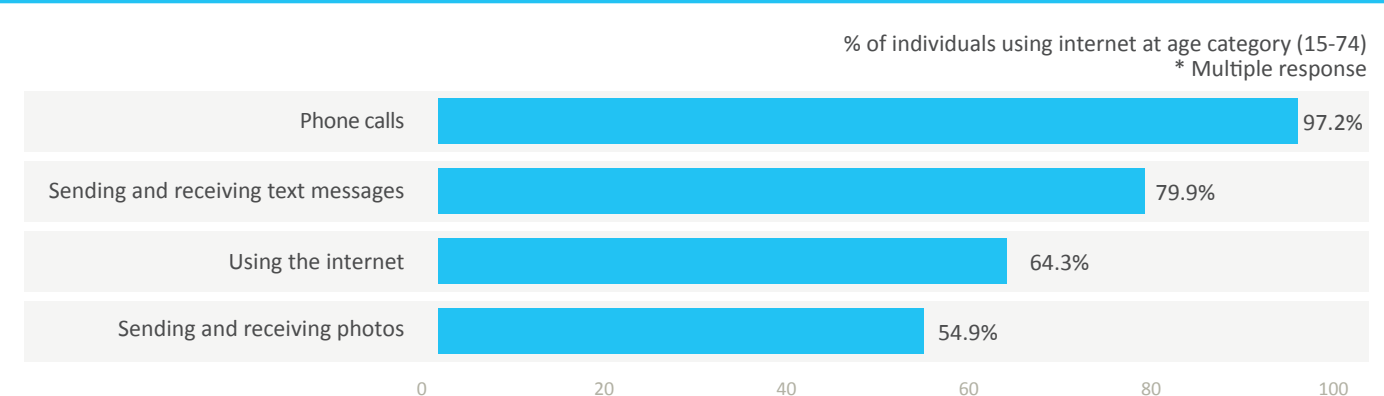
■ The proportion of households using Internet in urban areas is 81.04%, while the proportion in rural areas is 68.1%.



Source: "Survey of ICT usage in household and individuals," conducted by the Ministry of Communications and Information Technology (MCIT) in cooperation with the Central Agency for Public Mobilization and Statistics (CAPMAS), 2021-2022.

## Mobile Phone Activities by Individuals

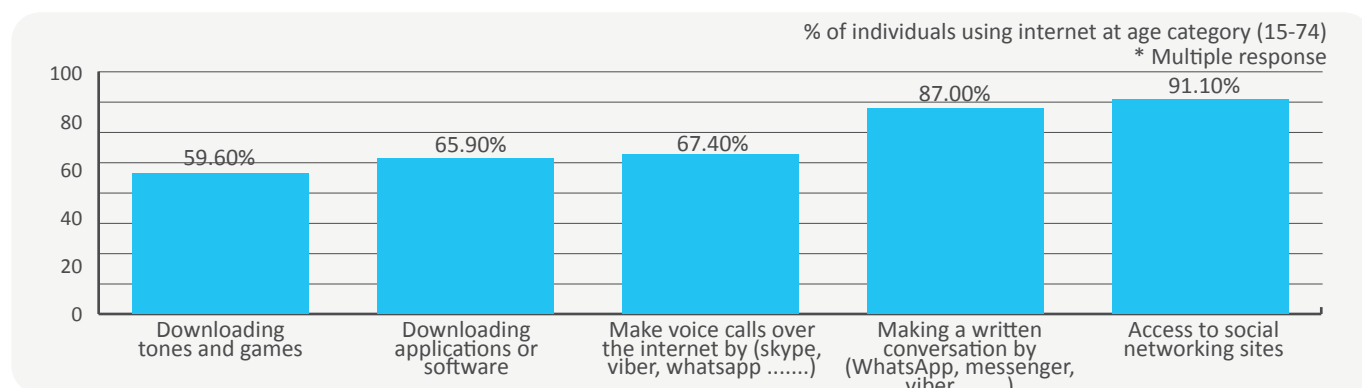
■ The proportion of individuals who use a mobile phone for making and receiving calls reached 97.2%, while those who use it in sending and receiving text messages is 79.9%, followed by those who use it to access the Internet is 64.3%.



Source: "Survey of ICT usage in household and individuals," conducted by the Ministry of Communications and Information Technology (MCIT) in cooperation with the Central Agency for Public Mobilization and Statistics (CAPMAS), 2021-2022.

## Internet Activities via Mobile by Individuals

- The proportion of mobile Internet users who access social media reached 91.1%, while those texting through WhatsApp, Messenger, or Viber is 87%, and those making voice calls over the Internet via Skype, Viber, or WhatsApp is 67.4%, followed by those downloading applications or software is 65.9%, and finally the proportion of those downloading tones and games is 59.6%.



Source: "Survey of ICT usage in household and individuals," conducted by the Ministry of Communications and Information Technology (MCIT) in cooperation with the Central Agency for Public Mobilization and Statistics (CAPMAS), 2021-2022.

## Number of Graduates of Capacity Building Program by Information Technology Institute (ITI)

Training Track	July -Sep. 2022
Artificial Intelligence	193
Professional Web Development & BI	169
Open-source Application Development	116
Embedded Systems	50
Mobile Applications Development (Native)	44
Web & User Interface Development	35
Cloud Applications Development	29
Systems Administration	29
Cloud Architecture	28
Software Testing & Quality Assurance	27
Cyber Security	27
Geoinformatics	27
Enterprise & Web Applications Development (Java)	23
Cross Platform Mobile Applications Development	23
Mobile Applications Development	21
Software Architecture	19
Mobile Applications Development (Cross Platform)	18
VFX & Compositing	17
Telecom Applications Development	17
2D Animation and Motion Graphics	17
Civil Engineering Informatics	15
IoT Applications Development	15
Industrial Automation	15
FX Dynamics	15
Data Management	15
3D Animation	15
Wireless Communications	15
ERP Consulting	14
3D Generalist	14
Game Art	14
Digital IC Design	13
Game Programming	13
Data Science	13
<b>Total</b>	<b>1115</b>

Source: Ministry of Communications and Information Technology and Information Technology Institute

## ICT Sector's Infrastructure Indicators

- Mobile subscribers reached 99.07 million in July-September 2022, compared to 101.02 million in July-September 2021, representing an annual change rate of -1.93%.
- Mobile penetration reached 94.29% in July-September 2022, compared to 97.87% in July-September 2021, representing an annual change rate of -3.58%.
- ADSL subscribers increased to 10.77 million in July-September 2022, compared to 9.73 million in July-September 2021, representing an annual change rate of 10.7%.

## ICT Sector's Role in Development

- The proportion of households who access the Internet at home in urban areas is 84%, while in rural areas is 64%.
- The proportion of households with a smartphone in urban areas is 80.4%, while the proportion in rural areas is 67.4%.
- The proportion of individuals who use a mobile phone for making and receiving calls reached 97.2%, while those who use it to access the Internet is 64.3%.
- The number of ITI graduates till July-September 2022 reached 15.89 thousand trainees.
- The number of graduates who received the software training till July-September 2022 is 37.119 thousands graduates.