



Ministry of Communications
and Information Technology

ICT Indicators Bulletin

June 2022 | Quarterly Issue



ICT Sector's Infrastructure Indicators

The ICT Sector's Role in Development

Indicators in Brief

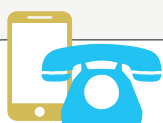
Data item	Unit	April - June 2021	January - March 2022	April - June 2022	Quarterly growth rate (%)	Annual growth rate (%)
ICT Sector: Infrastructure Indicators						
Mobile subscriptions	Million	98.60	94.15	98.34	4.46	-0.26
Mobile penetration *	%	95.96	90.40	94.01	3.61	-1.95
Fixed line subscriptions	Million	10.30	11.17	11.28	0.92	9.52
Fixed line penetration *	%	7.79	10.73	10.78	0.05	2.99
Mobile Internet subscriptions	Million	59.66	64.58	68.53	6.12	14.88
USB Modem subscriptions	Million	3.19	2.19	2.09	-4.40	-34.28
ADSL subscribers	Million	9.50	10.34	10.52	1.76	10.7
Number of post offices	Post Office	4060	4230	4285	1.30	5.54
ICT Sector's Role in Development						
Capacity building program provided by ITIDA	Thousand Graduates	31.226	35.164	35.816	1.85	14.70

* 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."

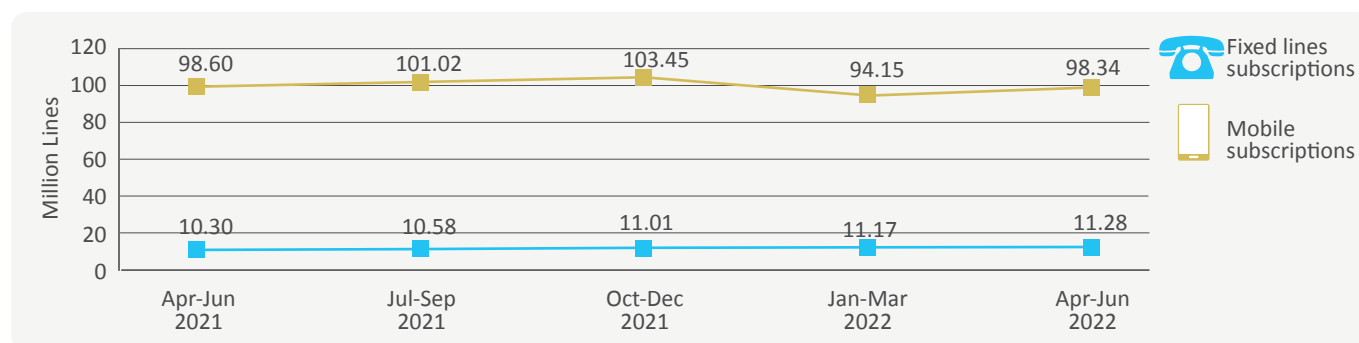
ICT Sector's Infrastructure Indicators

- Mobile subscriptions (April - June 2022): 98.34 million
- Mobile penetration (April - June 2022): 94.01%
- Fixed line subscriptions (April - June 2022): 11.28 million
- Fixed line subscriptions in urban areas (April - June 2022): 9.15 million, rural areas 2.13 million
- Internet users through mobile (April - June 2022): 68.53 million
- USB Modem users (April - June 2022): 2.09 million users
- ADSL subscribers (April - June 2022): 10.52 million
- Number of post offices (April - June 2022): 4285 Post Offices
- Number of beneficiaries of pensions payment service through post offices (April - June 2022): 5.31 million beneficiaries



Fixed Lines and Mobile Subscriptions

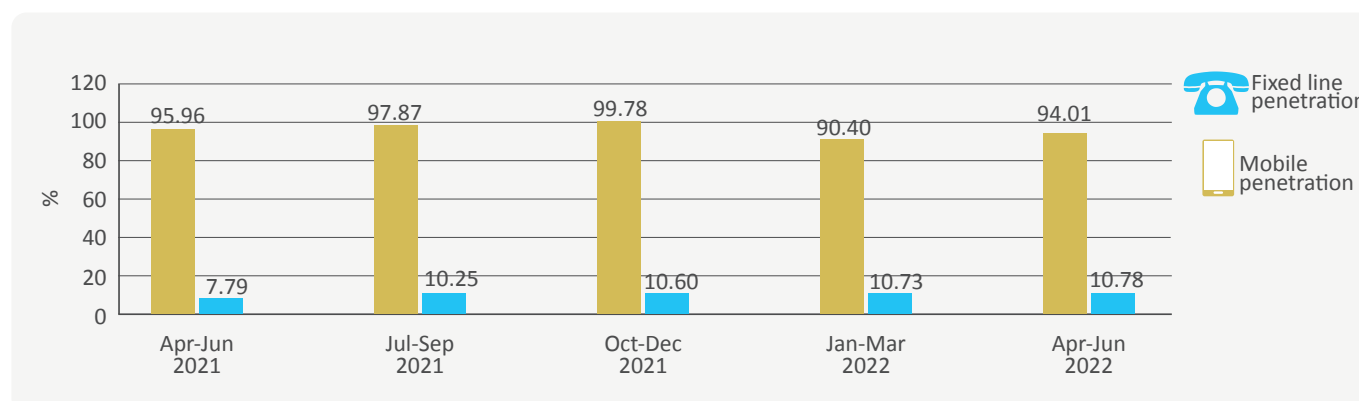
- The number of fixed line and mobile subscriptions was 109.62 million at the end of April - June 2022, compared to 108.89 million at the end of April - June 2021.
- The number of mobile subscriptions was 98.34 million at the end of April - June 2022, compared to 98.60 million at the end of April - June 2021. The mobile subscriptions recorded 90% of total telephone service.



Source: Ministry of Communications and Information Technology, Telecom Egypt

Fixed Line and Mobile Penetration

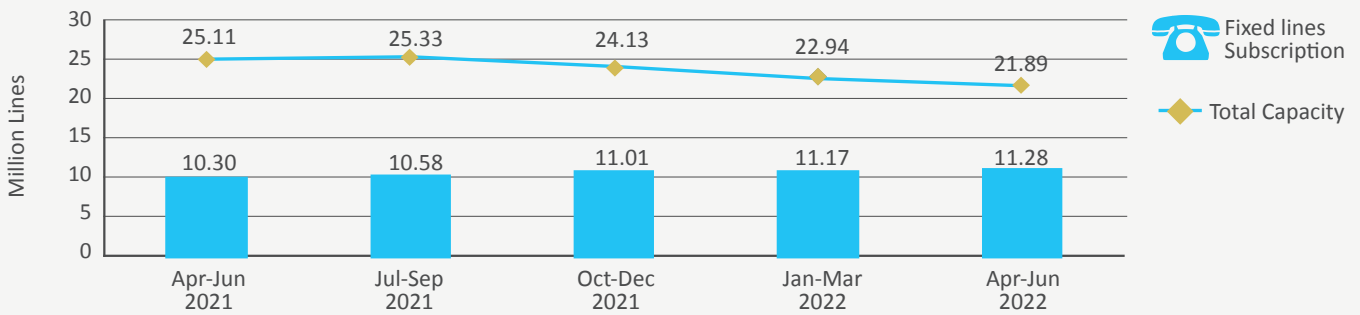
- Mobile penetration reached 94.01% at the end of April - June 2022, compared to 95.96% at the end of April - June 2021, representing an annual change rate of -1.95%. On the other hand, fixed line penetration reached about 10.78% by the end of April - June 2022.



Source: Ministry of Communications and Information Technology, Telecom Egypt

Fixed Lines Subscription and Local Exchange Capacity

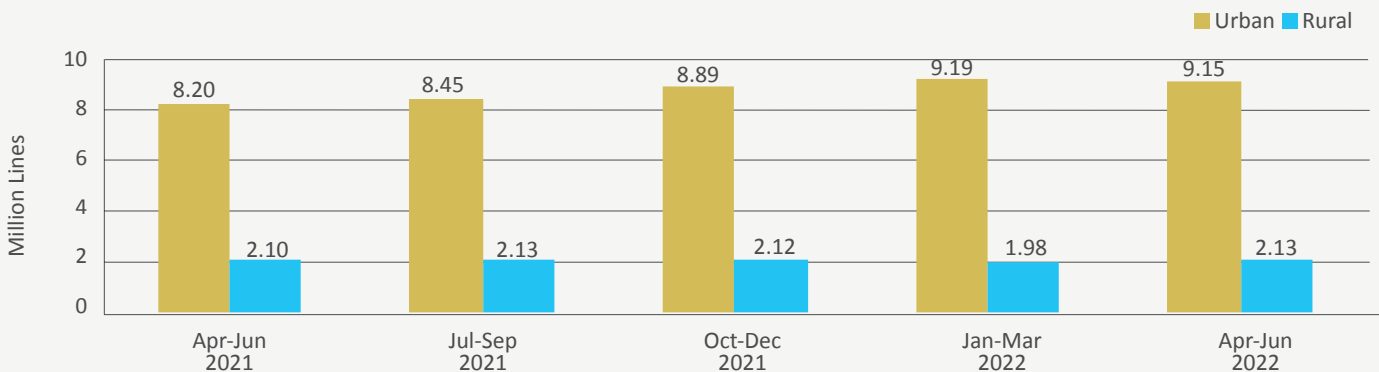
- Total number of fixed line subscriptions has reached 11.28 million subscriptions at the end of April - June 2022, compared to 10.30 million subscriptions at the end of April - June 2021.
- The capacity of local exchanges reached to 21.89 million lines at the end of April - June 2022, compared to 25.11 million at the end of April - June 2021. This represents an annual change of -3.22 million lines and an annual change rate of -12.81%.



Source: Ministry of Communications and Information Technology and Telecom Egypt

Fixed Lines Subscription (Urban - Rural)

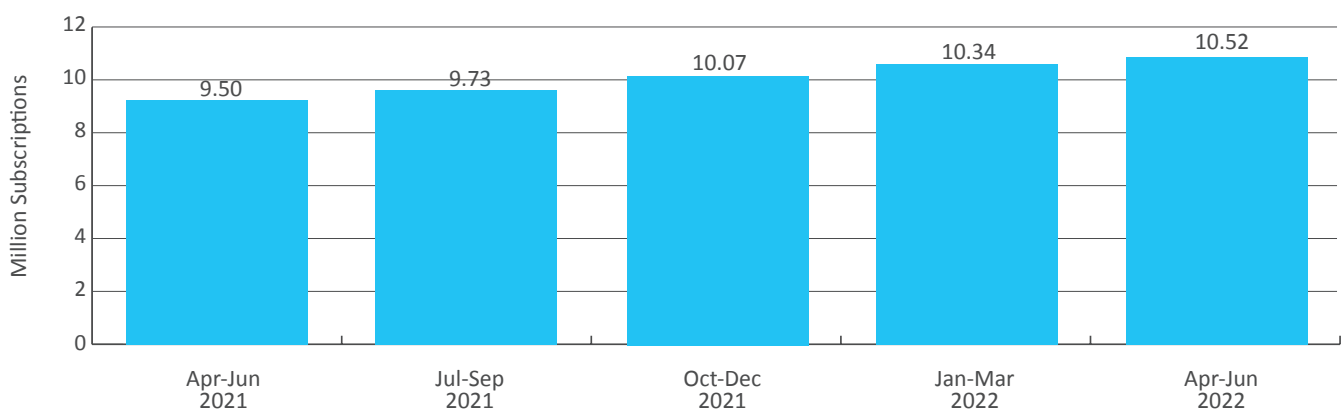
- The number of fixed line subscribers in urban areas reached 9.15 million by the end of April - June 2022 compared to 8.20 million by the end of April - June 2021, while the number of fixed line subscribers in rural areas reached 2.13 million by the end of April - June 2022 compared to 2.10 million by the end of April - June 2021.



Source: Ministry of Communications and Information Technology and Telecom Egypt

ADSL Subscriptions

- The number of ADSL subscriptions reached 10.52 million subscriptions by the end of April - June 2022 compared to 9.50 million at the end of April - June 2021 with an annual change 1.02 million and annual change rate 10.7%.

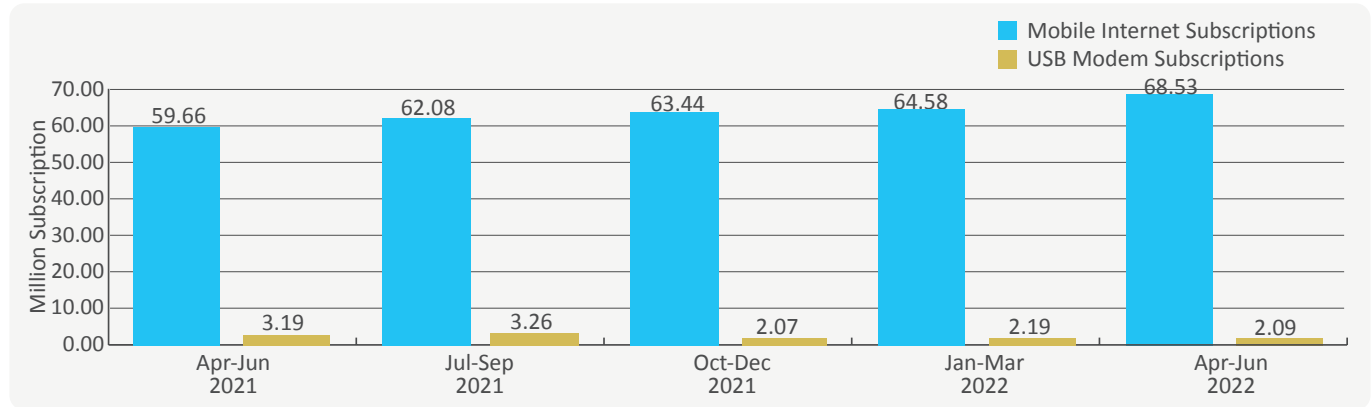


Source: Ministry of Communications and Information Technology and National Telecom Regulatory Authority



Mobile Internet and USB Modem Subscriptions

- The number of mobile internet subscriptions reached 68.53 million by the end of April - June 2022 compared to 59.66 million at the end of April - June 2021.
- The number of USB Modem subscriptions reached 2.09 million by the end of April - June 2022 compared to 3.19 million at the end of April - June 2021.

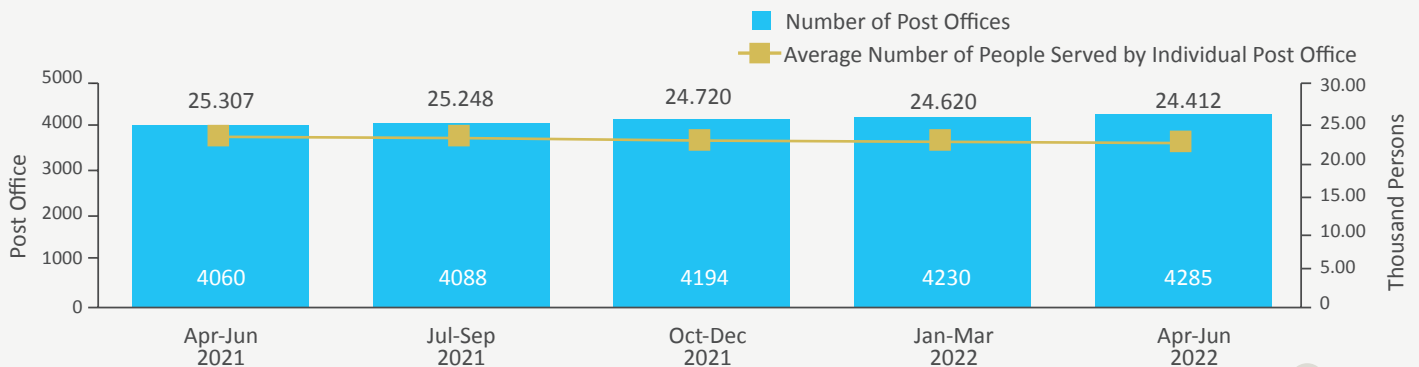


Source: Ministry of Communications and Information Technology

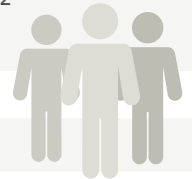


Post Offices

- The total number of post offices increased to 4285 at the end of April - June 2022, compared to 4060 at the end of April - June 2021, reflecting an annual growth rate of 5.54%.
- The average number of people served by individual post offices was 24,412 thousand persons at the end of April - June 2022, compared to 25,307 thousand at the end of April - June 2021, representing an annual change rate of -3.54%.

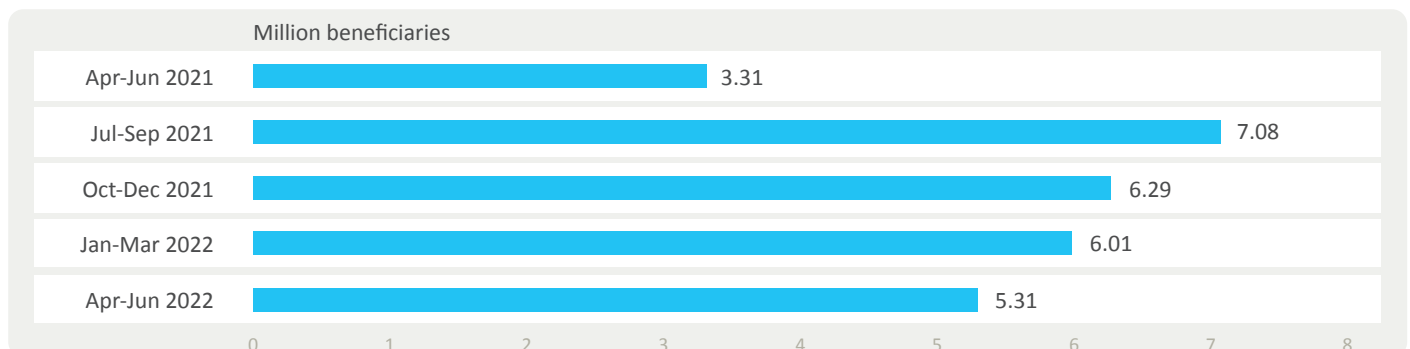


Source: Ministry of Communications and Information Technology and Egypt Post



Number of Pensions Distributed through Post Offices

- Number of beneficiaries of pensions distributed through post offices increased to about 5.31 million beneficiaries in April - June 2022 compared to 3.31 million beneficiaries in April - June 2021.

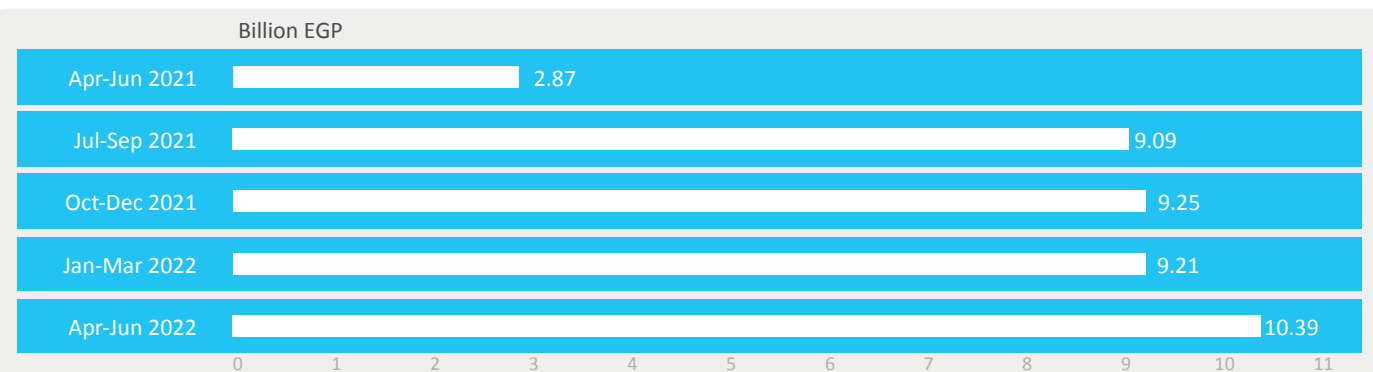


Source: Ministry of Communications and Information Technology and Egypt Post

* The reason behind the increase in the number of pensions is the expansion in post offices and the great reliability of Egypt Post as a gateway to providing government services.

Value of Pensions Distributed through Post Offices

- The value of pensions distributed through postal offices reached 10.39 billion EGP in April - June 2022 compared to 2.87 billion EGP in April - June 2021.

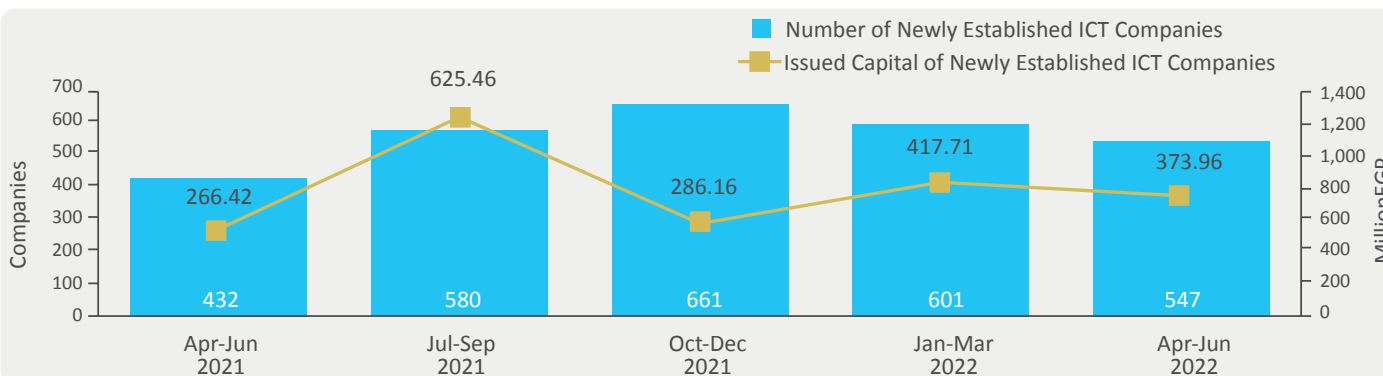


Source: Ministry of Communications and Information Technology and Egypt Post.

* The reason behind the increase in the number of pensions is the expansion in post offices and the great reliability of Egypt Post as a gateway to providing government services.

Number of Newly Established ICT Companies and Issued Capital

- Number of newly established ICT companies reached 547 companies in April - June 2022 compared to 432 in April - June 2021.
- Number of issued capital of newly established ICT companies reached 373.96 million EGP in April - June 2022 compared to 266.42 million EGP in April - June 2021.

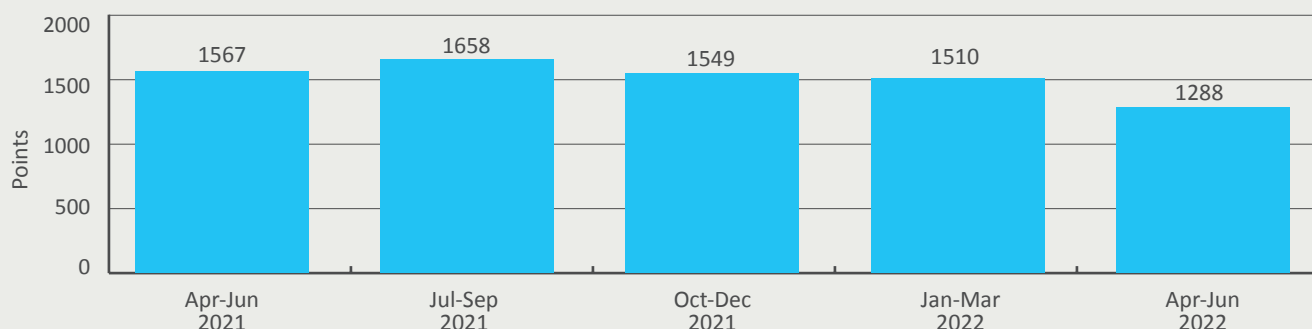


Source: General Authority for Investment and Free Zones (GAFI)



Egypt's Stock Exchange Telecommunications Index *

- The telecommunications index in Egypt's stock exchange reached 1288 points during April - June 2022, compared to 1567 points during April - June 2021.



Source: Egypt's Stock Exchange

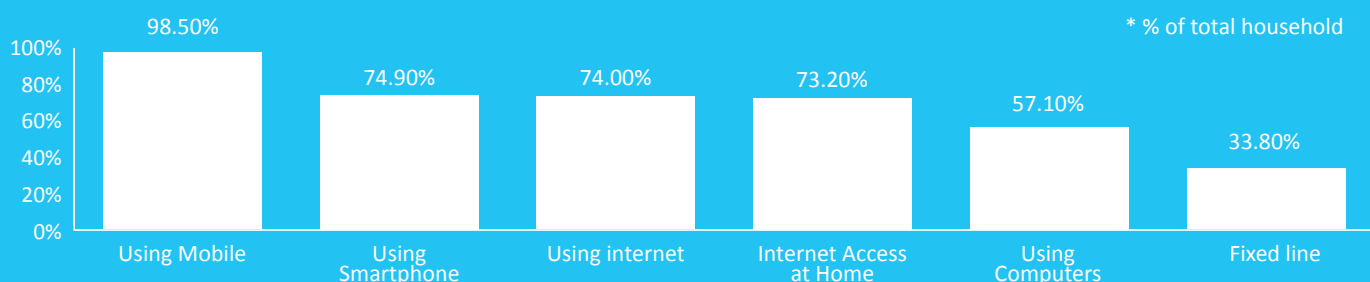
The IT, Media and Communication Services Index includes seven companies: Raya Contact Center, Fawry for Banking Technology and Electronic Payment, Egyptian Media Production City, Telecom Egypt, Egyptian Satellites (NileSat), Orascom Investment Holding, and eFinance.

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 to receive software training by ITIDA till June 2022: 35.816 thousand trainees
- Number of graduates of ITI till June 2022: 14.77 thousand trainees

Infrastructure for Use of Communications and Information Technology in Egyptian Households

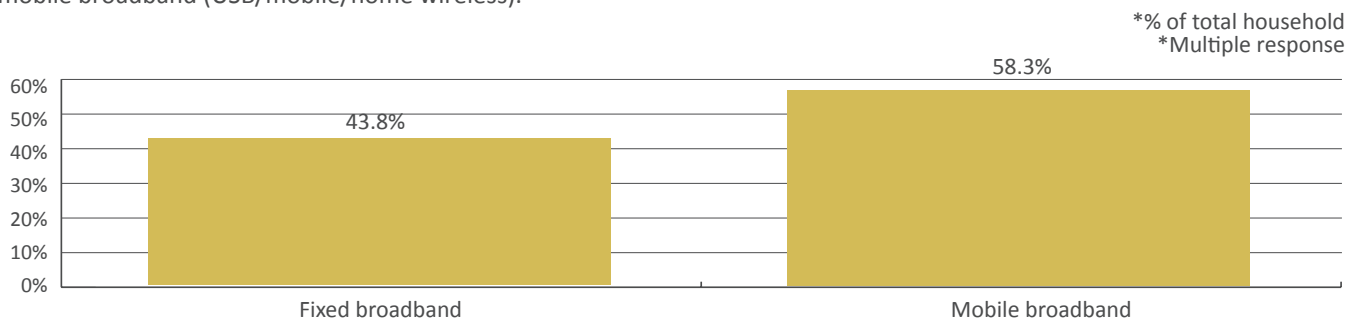
- The proportion of households using mobile is 98.5%, followed by the proportion of using smartphones is 74.9% and using the internet is 74%, then internet access at home is 73.2%, while the proportion of using the computer is 57.1% and the fixed line is 33.8%



Source: "ICT usage in household and individuals" survey, 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 Internet Access at home by Type of Access Mode

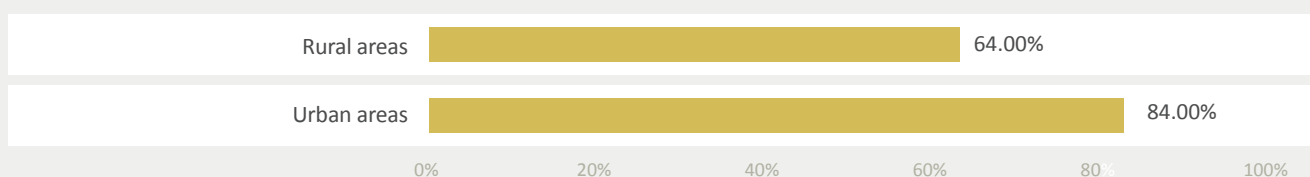
- The proportion of households with Internet access at home using fixed broadband is 43.8%, while 58.3% of households use mobile broadband (USB/mobile/home wireless).



Source: "ICT usage in household and individuals" survey, 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 Access to Internet at Home according to (Rural/Urban)

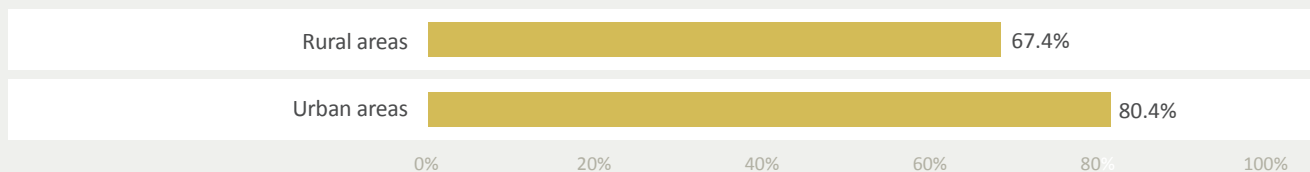
- The proportion of households that access the Internet at home in urban areas is 84%, while the proportion in rural areas is 64%.



Source: "ICT usage in household and individuals" survey, 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 Smartphone according to (Urban/Rural)

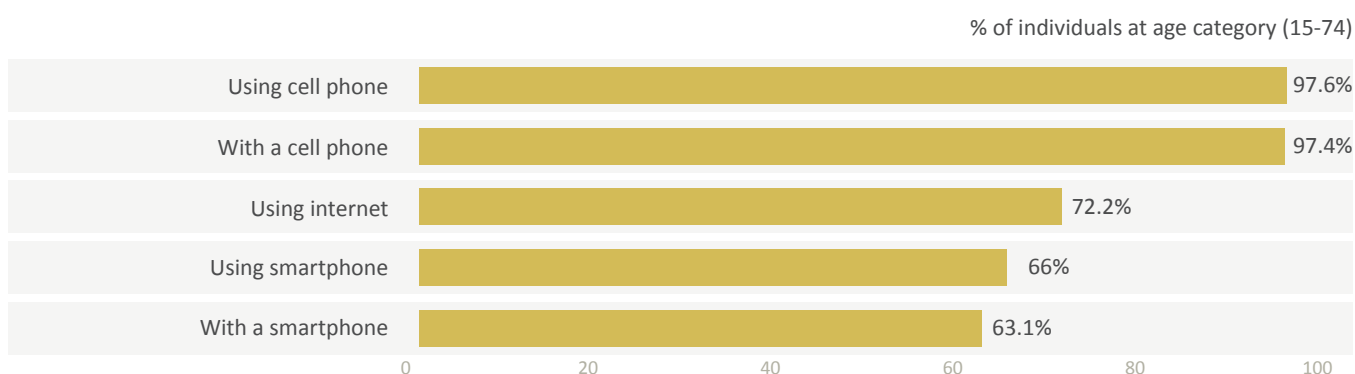
■ The proportion of households with a smartphone in urban areas is 80.4%, while the proportion in rural areas is 67.4%.



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

ICT Usage for Individuals

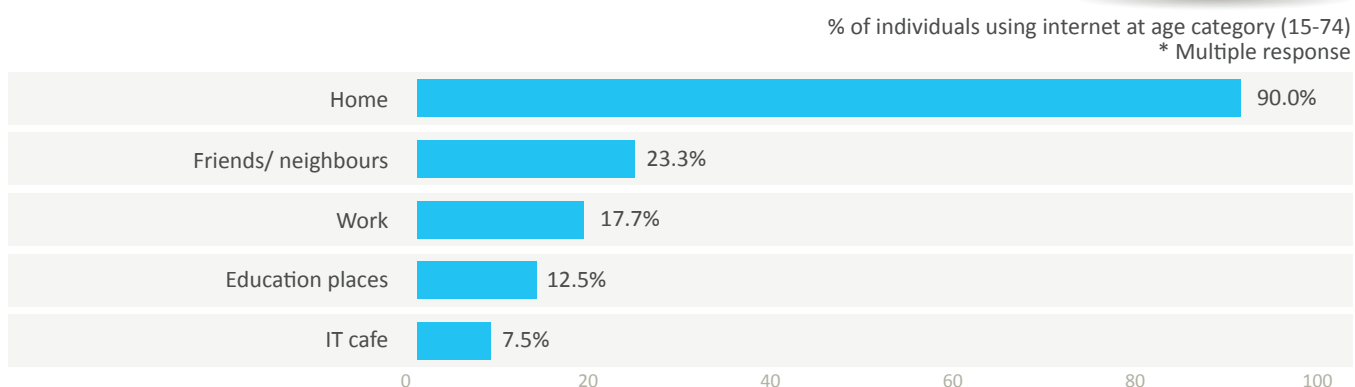
■ The proportion of individuals who use mobile phone is 97.6% while those owning a mobile phone is 97.4%, followed by those using the Internet is 72.2%, then those using smartphone is 66%, followed by those owning a smartphone is 63.1%.



Source: "ICT usage in household and individuals" survey, 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 Location of Use for Individuals

■ The proportion of individuals who access internet at home is 90%, while those who access the internet from (friends/neighbors) is 23.3%, and 12.5 % at educational places, while the proportions of internet access at work and IT Cafes are 17.7% & 7.5% respectively.

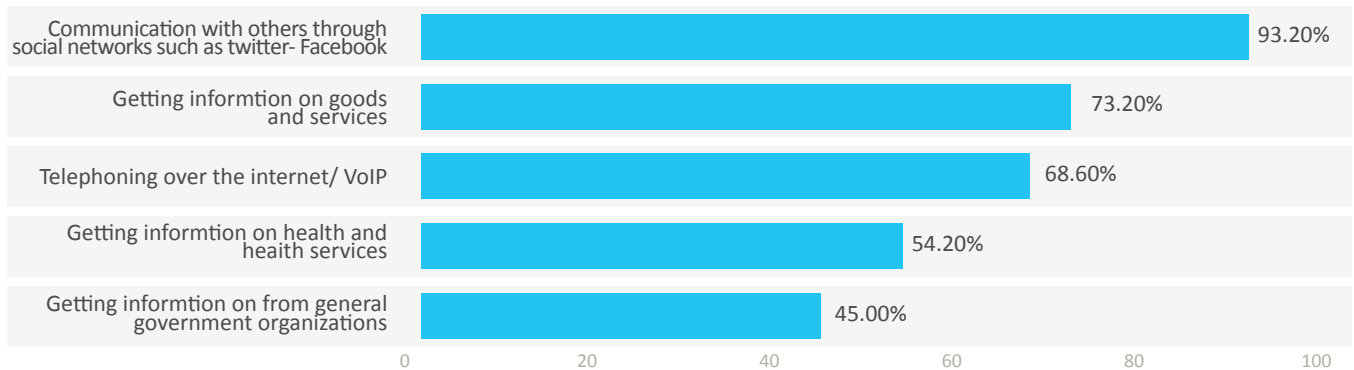


Source: "ICT usage in household and individuals" survey, conducted by the Ministry of Communications and Information Technology (MCIT) in cooperation with the Central Agency for Public Mobilization and Statistics (CAPMAS), 2021-2022.

Internet Activities for Individuals

- The proportion of individuals who use the internet to communicate through social networks such as (Twitter- Facebook) reached 93.2%, while those who use the internet for telephoning over the Internet is 68.6 %, followed by those getting information on (goods and services) is 73.2%, (health and health services) is 54.2%, and from (general government organizations) is 45%.

% of individuals using internet at age category (15-74)
* Multiple response

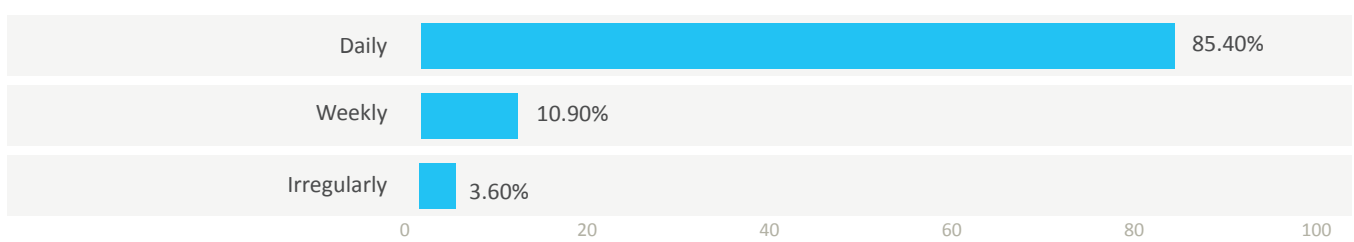


Source: "ICT usage in household and individuals" survey, conducted by the Ministry of Communications and Information Technology (MCIT) in cooperation with the Central Agency for Public Mobilization and Statistics (CAPMAS), 2021-2022.

Frequency of Using Internet for Individuals

- The proportion of individuals who used the internet daily is 85.4%, while 10.9 % use it at least once a week and only 3.6% use it irregularly.

% of individuals using internet at age category (15-74)

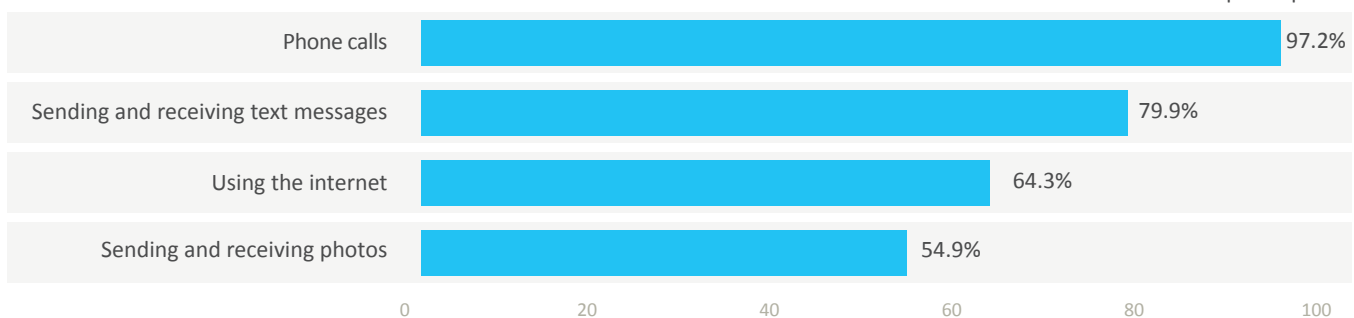


Source: "ICT usage in household and individuals" survey, conducted by the Ministry of Communications and Information Technology (MCIT) in cooperation with the Central Agency for Public Mobilization and Statistics (CAPMAS), 2021-2022.

Activities by Mobile for Individuals

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

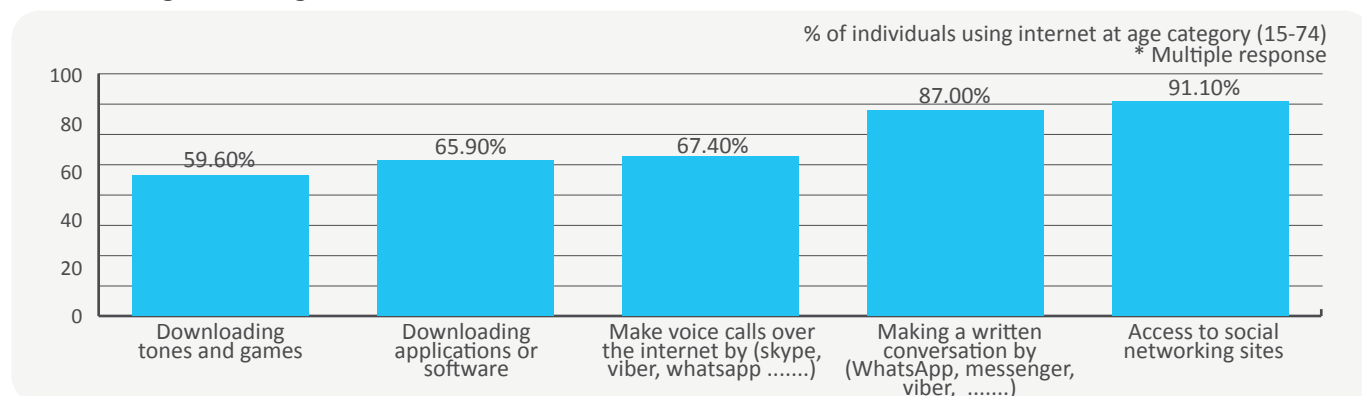
% of individuals using internet at age category (15-74)
* Multiple response



Source: "ICT usage in household and individuals" survey, 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 for Individuals

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



Source: "ICT usage in household and individuals" survey, 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 Provided by Information Technology Institute (ITI)

Training Track	July – Sep. 2021
Professional Web Development and BI	159
Open Source Applications Development	87
Mobile Applications Development	54
Software Testing and Quality Assurance	30
Systems Administration	30
Enterprise and Web Applications Development (Java)	23
Software Architecture	20
Cyber Security	20
Cloud Platform Development	20
Mobile Applications Development (Cross Platform)	20
Telecom Applications Development	19
IOT Applications Development	19
User Interface Development	18
Cloud Architecture	18
Embedded Systems	18
VFX and Compositing	18
2D Animation and Motion Graphics	18
Data Management	17
Web and User Interface Development	17
Wireless Communications	16
3D Art	16
Mobile Applications Development (Native)	15
ERP Consulting	15
Industrial Automation	14
Geoinformatics	14
Digital IC Design	13
Game Art	12
Data Science	12
Civil Engineering Informatics	12
Enterprise and Web Applications Development (Microsoft)	10
Game Programming	10
Total	784

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

ICT Sector's Infrastructure Indicators

- Mobile subscribers reached 98.34 million in April - June 2022, compared to 98.60 million in April - June 2021, representing an annual change rate of -0.26%.
- Mobile penetration reached 94.01 % in April - June 2022, compared to 95.96% in April - June 2021, representing an annual change rate of -1.95%.
- ADSL subscribers increased to 10.52 million in April - June 2022, compared to 9.50 million in April - June 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 the proportion 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 April - June 2022 reached 14.77 thousand trainees.
- The number of graduates to receive software training till April - June 2022: 35.816 thousands graduates.