



Ministry of Communications
and Information Technology

ICT Indicators Bulletin

June 2020 | Quarterly Issue



ICT Sector's Infrastructure Indicators

The ICT Sector's Role in Development

Indicators in Brief

Data Item	Unit	April - June 2019	January - March 2020	April - June 2020	Quarterly Growth Rate (%)	Annual Growth Rate (%)
ICT Sector: Infrastructure Indicators						
Mobile Subscriptions	Million	93.99	96.42	96.58	0.18	2.77
Mobile Penetration *	%	94.91	96.01	95.73	-0.27	0.83
Fixed Line Subscriptions	Million	8.21	9.52	9.89	3.88	20.45
Fixed Line Penetration *	%	7.61	7.72	7.73	0.01	0.12
Mobile Internet Subscriptions	Million	36.46	40.70	41.79	2.66	14.62
USB Modem Subscriptions	Million	2.89	2.43	2.24	-7.51	-22.29
ADSL Subscribers	Million	6.88	7.53	7.99	6.07	16.1
International Internet Bandwidth**	Gbps	2,373.07	2,576.30	2,565.78	-0.41	7.04
Number of Post Offices	Post Office	3981	3986	3986	0.00	0.13
ICT Sector's Role in Development						
Capacity Building Program Provided by ITIDA	Thousand Graduates	23,68	25,23	25,65	1.66	8.32

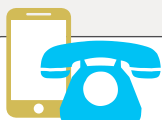
* Growth rates are calculated as per the difference between penetration rates in different time intervals.

** (October – December) Data

- The number of internet users reached 48.5 million users with 55.7% penetration rate, according to "ICT access and use by households and individuals 2019/2020".

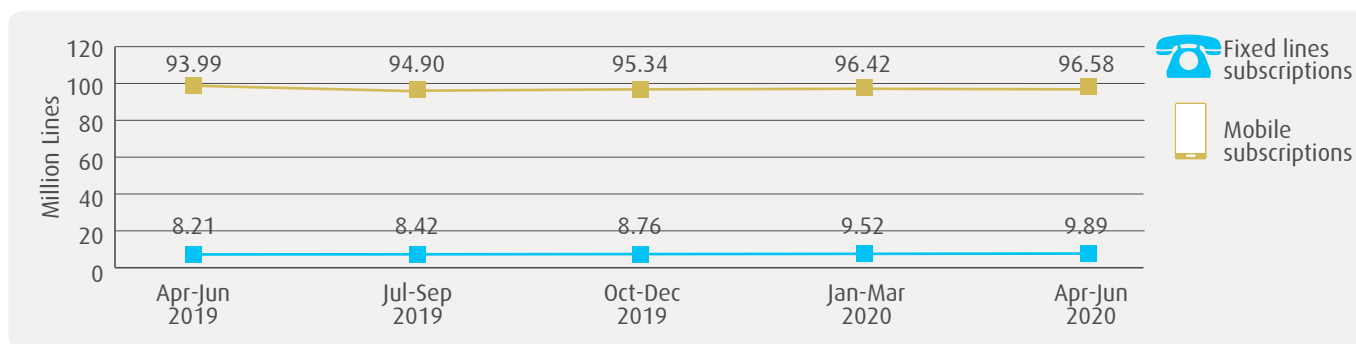
ICT Sector's Infrastructure Indicators

- Mobile subscriptions (April - June 2020) : 96.58 million
- Mobile penetration (April - June 2020) : 95.73%
- Fixed line subscriptions (April - June 2020): 9.89 million
- Fixed line subscriptions in urban areas(April - June 2020) : 7.48 million, rural areas 2.29 million.
- Internet users through mobile(April - June 2020): 41.79 million .
- USB Modem users(April - June 2020) : 2.24 million users.
- ADSL subscribers (April - June 2020) : 7.99 million.
- International Internet bandwidth (October-December 2019): 2,565.78 Gbps.
- Number of post offices (April - June 2020): 3986 Post offices.
- Number of Beneficiaries of Pensions' Payment Service through post offices(April - June 2020) : 5.28 million beneficiary



Fixed Lines and Mobile Subscriptions

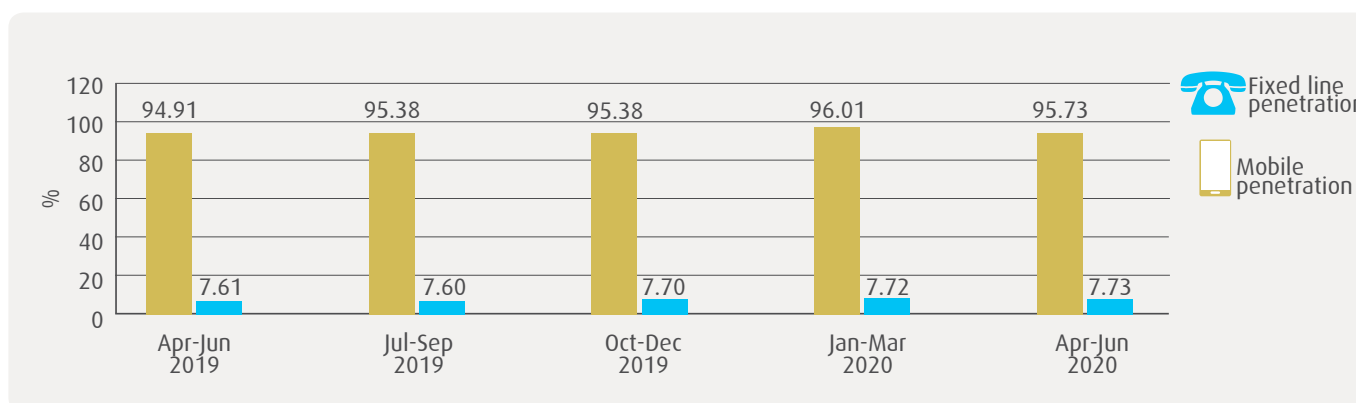
- The number of fixed line and mobile subscriptions was 106.48 million at the end of April - June 2020, compared to 102.20 million at the end of April - June 2019.
- The number of mobile subscriptions was 96.58 million at the end of April - June 2020, compared to 93.99 million at the end of April - June 2019. The mobile subscriptions recorded 91% of total telephone service.



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

Fixed Line and Mobile Penetration

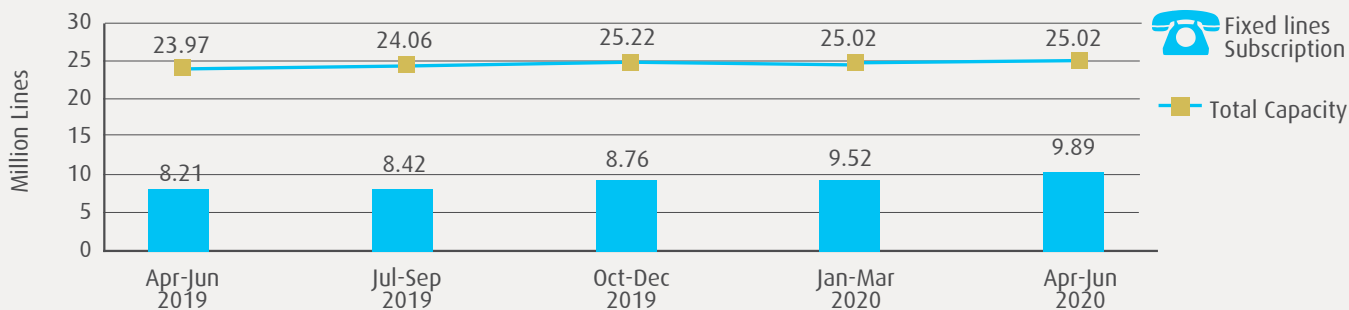
- Mobile penetration reached 95.73% at the end of April - June 2020, compared to 94.91% at the end of April - June 2019, representing an annual change rate of 0.83% . On the other hand, fixed line penetration reached about 7.73% by the end of April - June 2020.



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

Fixed Lines Subscription and Local Exchange Capacity

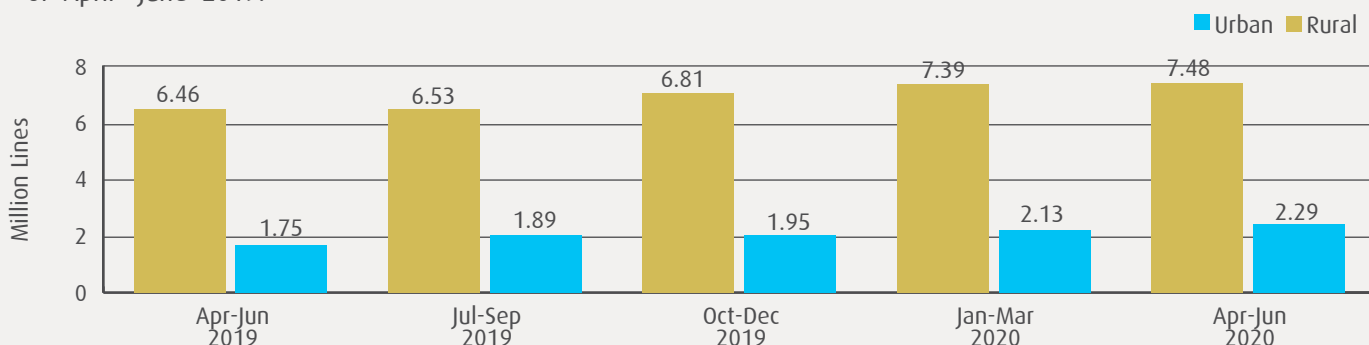
- Total number of fixed line subscriptions reached 9.89 million subscriptions at the end of April - June 2020, compared to 8.21 million subscriptions at the end of April - June 2019.
- The capacity of local exchanges increased to 25.02 million lines at the end of April - June 2020, compared to 23.97 million at the end of April - June 2019. This represents an annual change of 1.05 million lines and an annual change rate of 4.37%.



Source: Ministry of Communications and Information Technology, Telecom Egypt

Fixed Lines Subscription (Urban - Rural)

- The number of fixed line subscribers in urban areas reached 7.48 million subscribers by the end of April - June 2020, compared to 6.46 million subscribers by the end of April - June 2019; while the number of fixed line subscribers in rural areas reached 2.29 million subscribers by the end of April - June 2020, compared to 1.75 million subscribers by the end of April - June 2019.

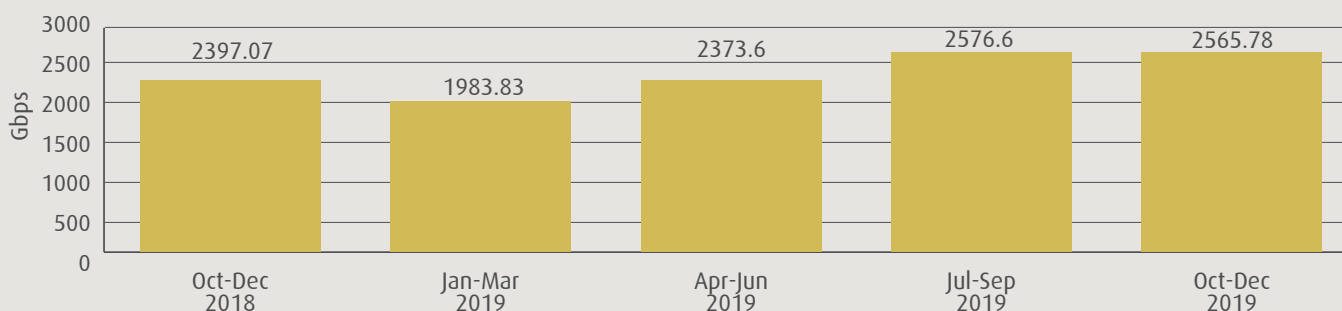


Source: Ministry of Communications and Information Technology, Telecom Egypt



International Internet Bandwidth

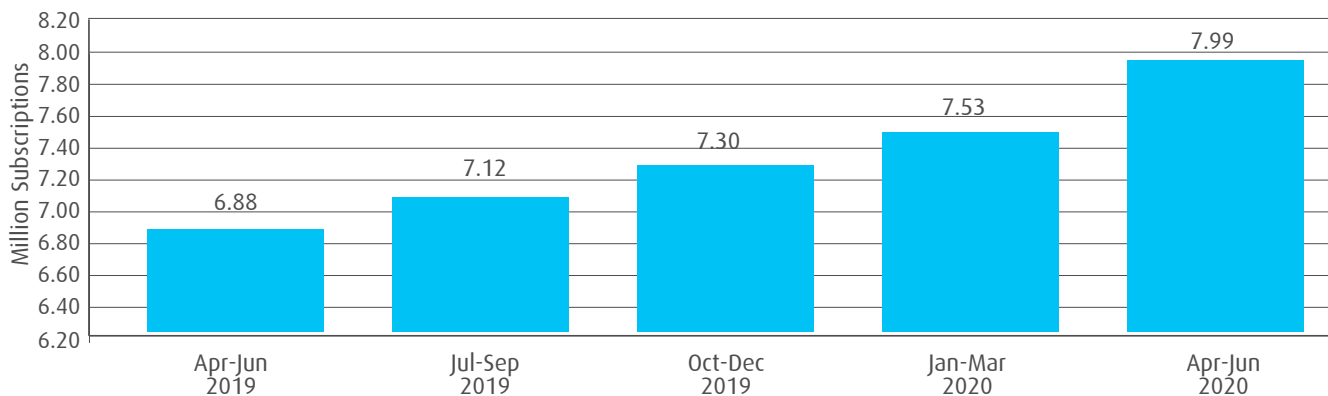
- International internet bandwidth increased 2,565.78 Gbps at the end of October - December 2019, compared to 2,397.07 Gbps at the end of October - December 2018, representing an annual growth rate of 7.04%.
- The international internet bandwidth per inhabitants reached 25,431.76 Bit/sec. per person at the end of October - December 2020, compared to 24,205.39 bit/sec. per person at the end October - December 2018, with an annual growth rate of 5.07%.



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

ADSL Subscriptions

- The number of ADSL subscriptions reached 7.99 million subscriptions by the end of April - June 2020, compared to 6.88 million subscriptions at the end of April - June 2019, with an annual change of 1.11 million and annual change rate of 16.1 %.

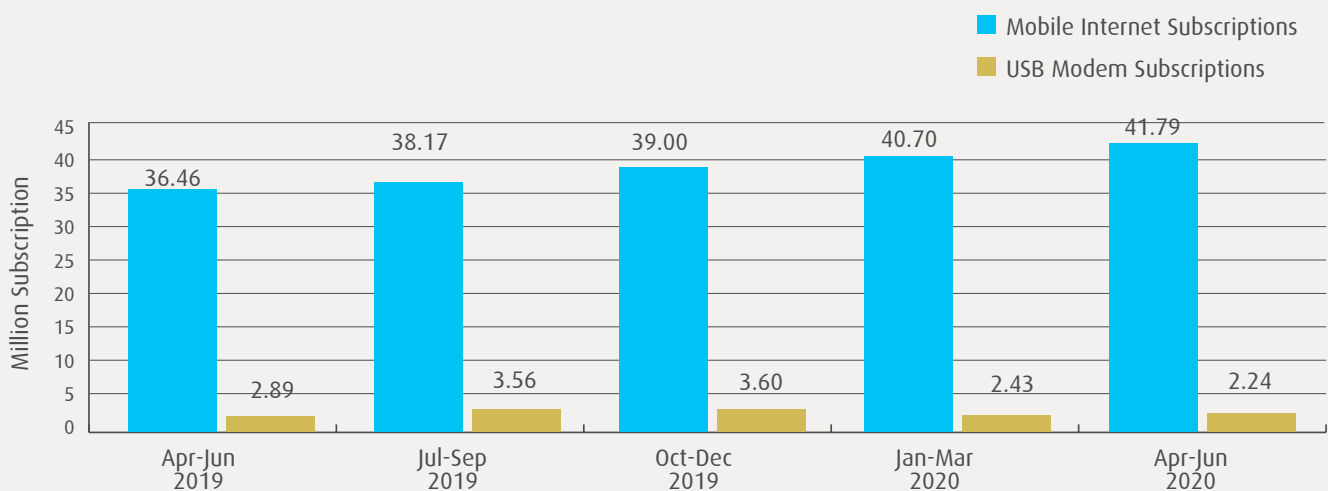


Source: Ministry of Communications and Information Technology, National Telecom Regulatory Authority



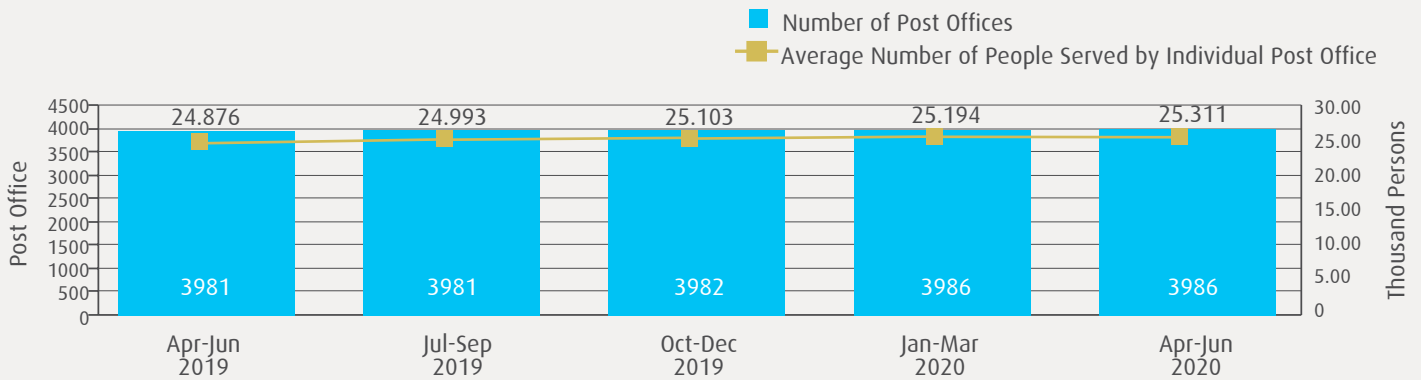
Mobile Internet and USB Modem Subscriptions

- The number of mobile internet subscriptions reached 41.79 million subscriptions by the end of October - December 2019, compared to 36.46 million subscriptions at the end of October - December 2018
- The number of USB Modem subscriptions reached 2.24 million subscriptions by the end of October - December 2019, compared to 2.89 million subscriptions at the end of October - December 2018.



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

- The total number of post offices increased to 3986 at the end of April - June 2020, compared to 3981 at the end of April - June 2019, reflecting an annual growth rate of 0.13%.
- The average number of people served by individual post offices was 25,311 thousand persons at the end of April - June 2020, compared to 24,876 thousand persons at the end of April - June 2019, representing an annual growth rate of 1.75%.



Source: Ministry of Communications and Information Technology, Egypt Post



Number of Pensions Distributed Through Postal Offices

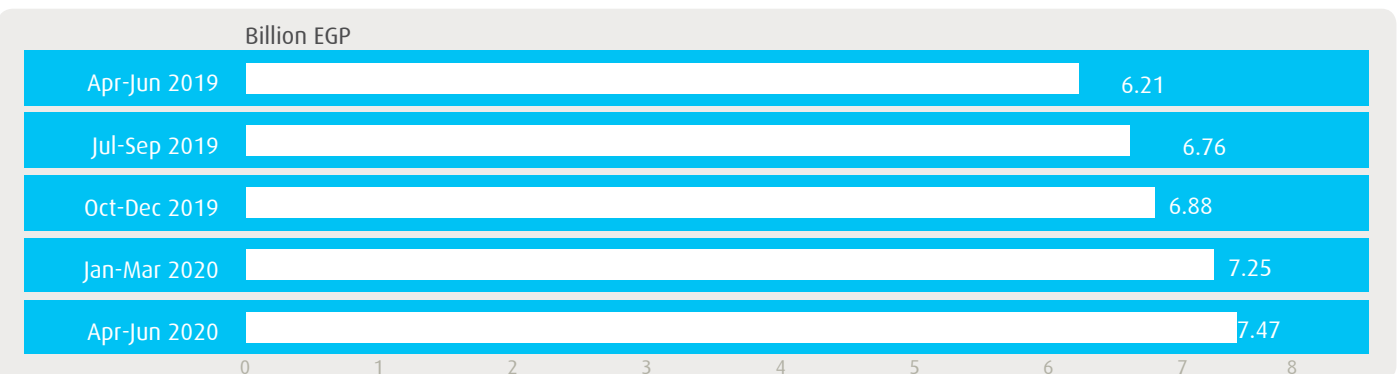
- Number of beneficiaries of pensions distributed through postal offices increased to about 5.28 million beneficiaries in April - June 2020, compared to 5.44 million beneficiaries in April - June 2019.



Source: Ministry of Communications and Information Technology, Egypt Post

Value of Pensions Distributed Through Postal Office

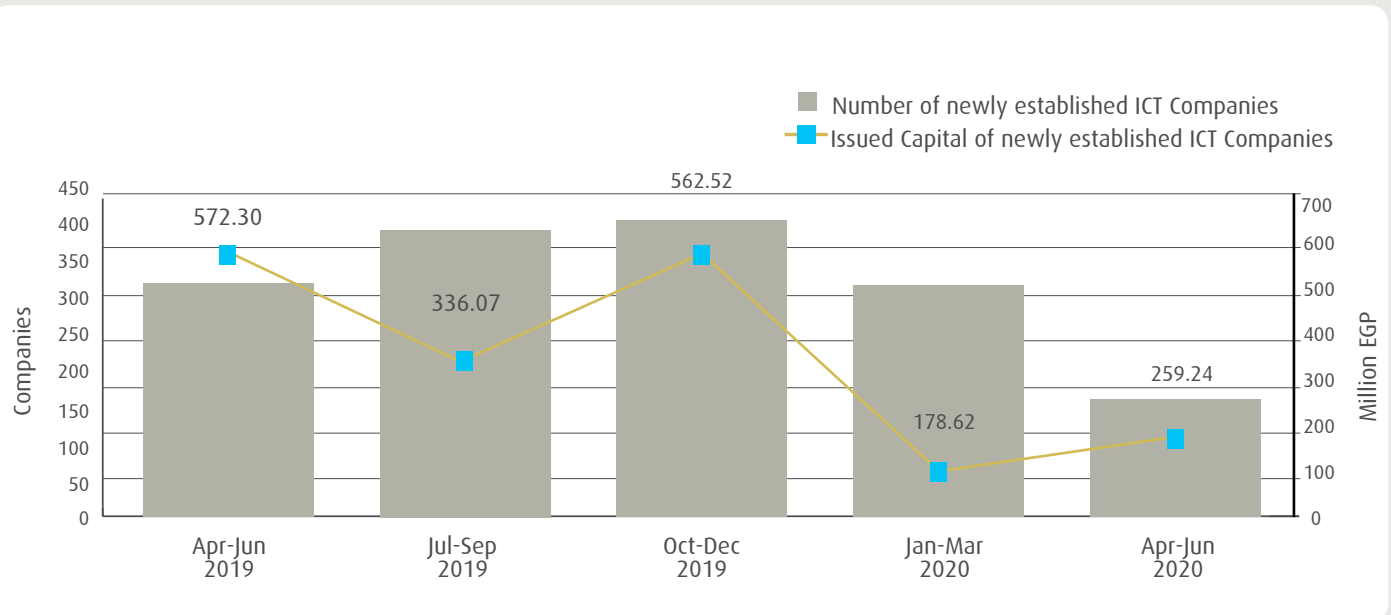
- The value of pensions distributed through post offices reached 7.47 billion EGP beneficiaries in April - June 2020, compared to 6.21 billion EGP in April - June 2019.



Source: Ministry of Communications and Information Technology, Egypt Post

Number of Newly Established ICT Companies and Issued Capital

- The number of newly established ICT companies reached 182 in April - June 2020, compared to 340 in April - June 2019.
- The number of issued capital of newly established ICT companies reached 259.24 million EGP in April - June 2020, compared to 572.30 million EGP in April - June 2019.

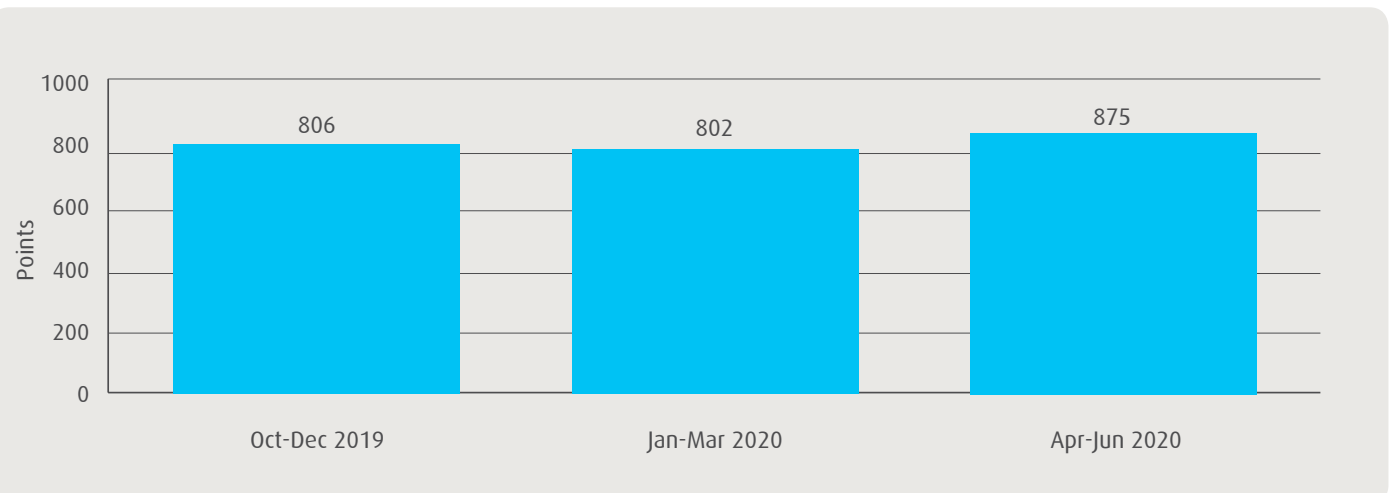


Source: Ministry of Investment, General Authority for Investment, and Free Zones



Egypt's Stock Exchange Telecommunications Index *

- The telecommunications index in Egypt's Stock Exchange reached 875 points during April - June 2020, compared to 806 points during October - December 2019.



Source: Egypt's Stock Exchange

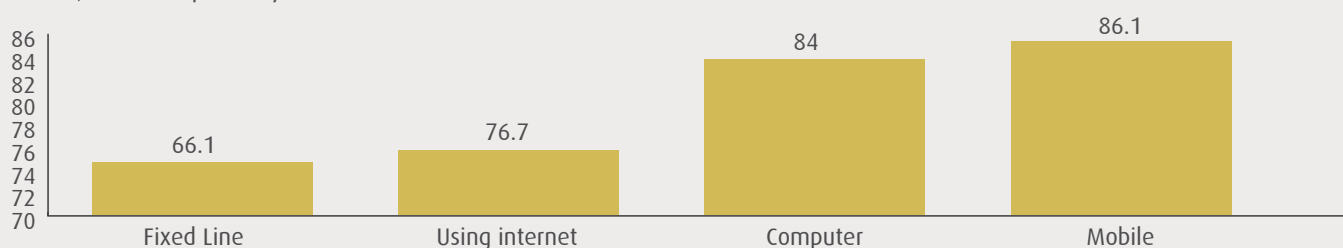
The IT, Media and Communication Services Index includes five companies: Raya Contact Center, Fawry for Banking Technology and Electronic Payment, Egyptian Satellites (NileSat), Egyptian Media Production City and Telecom Egypt.

The ICT Sector's Role in Development

- Proportion of private sector enterprises with computers: 84%
- Proportion of private sector enterprises using the internet: 76.7%
- Proportion of private sector enterprises with LAN: 62.6%
- Proportion of private sector enterprises using computers in office business: 72%
- Proportion of private sector enterprises using internet for sending and receiving e-mails: 73.3%
- Proportion of private sector enterprises with broadband internet access :71.7%
- Number of graduates to receive software training by ITIDA till June 2020: 25.65 thousand trainees
- Number of graduates of ITI till September 2019: 13.11 thousand trainees

ICT Infrastructure in Private Sector Enterprises

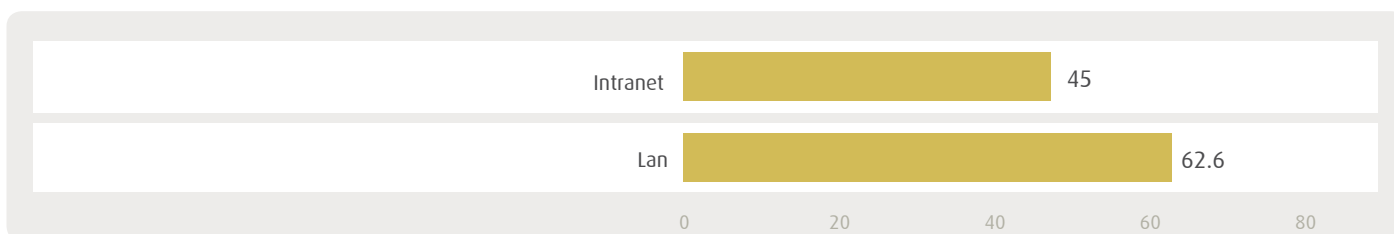
- The percentage of enterprises with (fixed phone) was 75.6%, followed by (computer) 84%, while (using internet) and (mobile) were 76.7 %, 86.1% respectively .



Source: "ICT usage in private sector enterprises" survey, conducted by the Ministry of Communications and Information Technology (MCIT), in cooperation with the Central Agency for Public Mobilization and Statistics (CAPMAS), 2019-2020.

Enterprises by type of Network

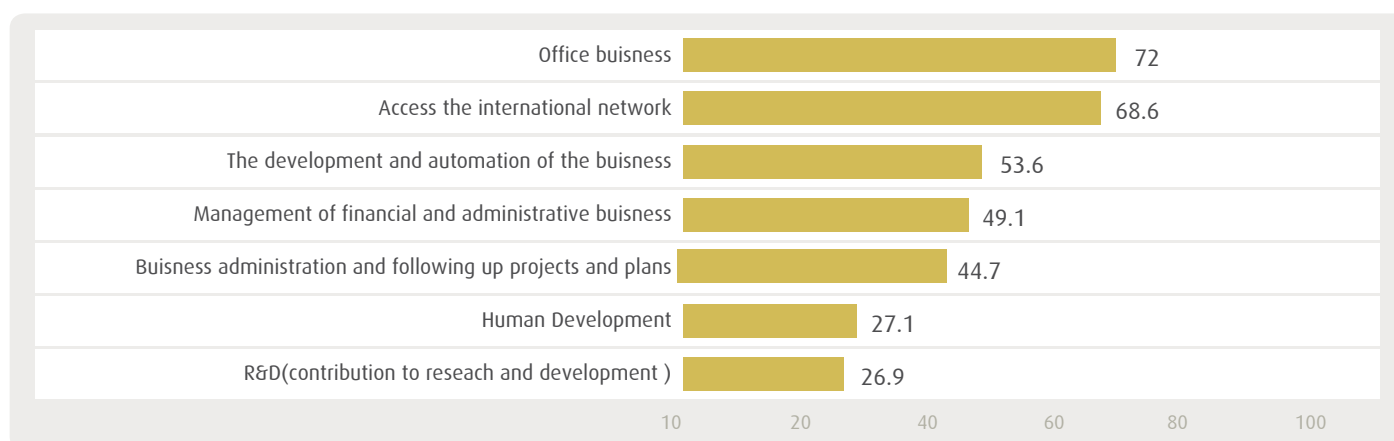
- The percentage of enterprises with (LAN) was 62.6%, while enterprises with intranet was 45 % .



Source: "ICT usage in private sector enterprises" survey, conducted by the Ministry of Communications and Information Technology (MCIT), in cooperation with the Central Agency for Public Mobilization and Statistics (CAPMAS), 2019-2020.

Activities Undertaken by Enterprises, Using Computers

- The percentage of enterprises using computers to do office business was 72%, followed by using computers to access the internet, 68.6%, while the percentage of enterprises using computers in managing financial and administrative business, 49.1%, however those using computers for developing and automating business, 53.6%, and 26.9% in R&D.



Source: "ICT usage in private sector enterprises" survey, conducted by the Ministry of Communications and Information Technology (MCIT), in cooperation with the Central Agency for Public Mobilization and Statistics (CAPMAS), 2019-2020.

Activities Undertaken by Private Sector Enterprises, Using Internet

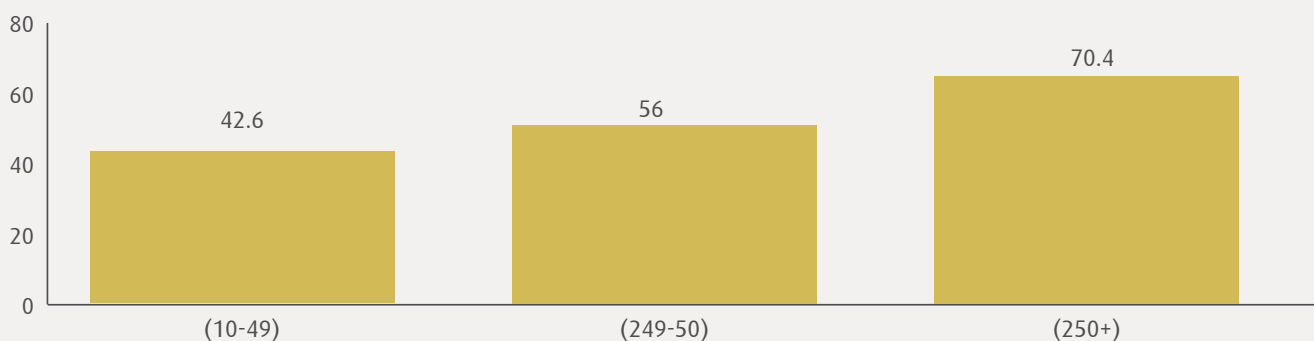
- The percentage of enterprises using internet in sending and receiving e-mail was 73.3%, followed by getting information about goods and services, 72.6 %, while 61.4% of enterprises use the internet in providing customer services; presenting products online, was 50.4%, and 17.7% was for telephoning over the internet/VOIP.



Source: "ICT usage in private sector enterprises" survey, conducted by the Ministry of Communications and Information Technology (MCIT), in cooperation with the Central Agency for Public Mobilization and Statistics (CAPMAS), 2019-2020.

Enterprises Using Social Media

- The percentage of enterprises that uses social media is 44.8% classified by business size as 42.68% for business size (10 to 49), 56% for business size (50 to 249) and 70.4% business size (250+).



Source: "ICT usage in private sector enterprises" survey, conducted by the Ministry of Communications and Information Technology (MCIT), in cooperation with the Central Agency for Public Mobilization and Statistics (CAPMAS), 2019-2020.

Internet Activities

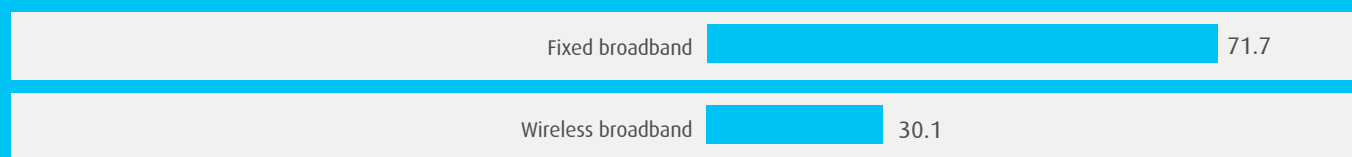
- The percentage of enterprises dealing with social media for customer services was 31.2%, followed by selling goods and services with percentage 29.4, while for recruitment, the percentage was 13% and for involving customers in developing goods and services, the percentage was 10.2%.



Source: "ICT usage in private sector enterprises" survey, conducted by the Ministry of Communications and Information Technology (MCIT), in cooperation with the Central Agency for Public Mobilization and Statistics (CAPMAS), 2019-2020.

Enterprises Connected to Internet by Mode of Access

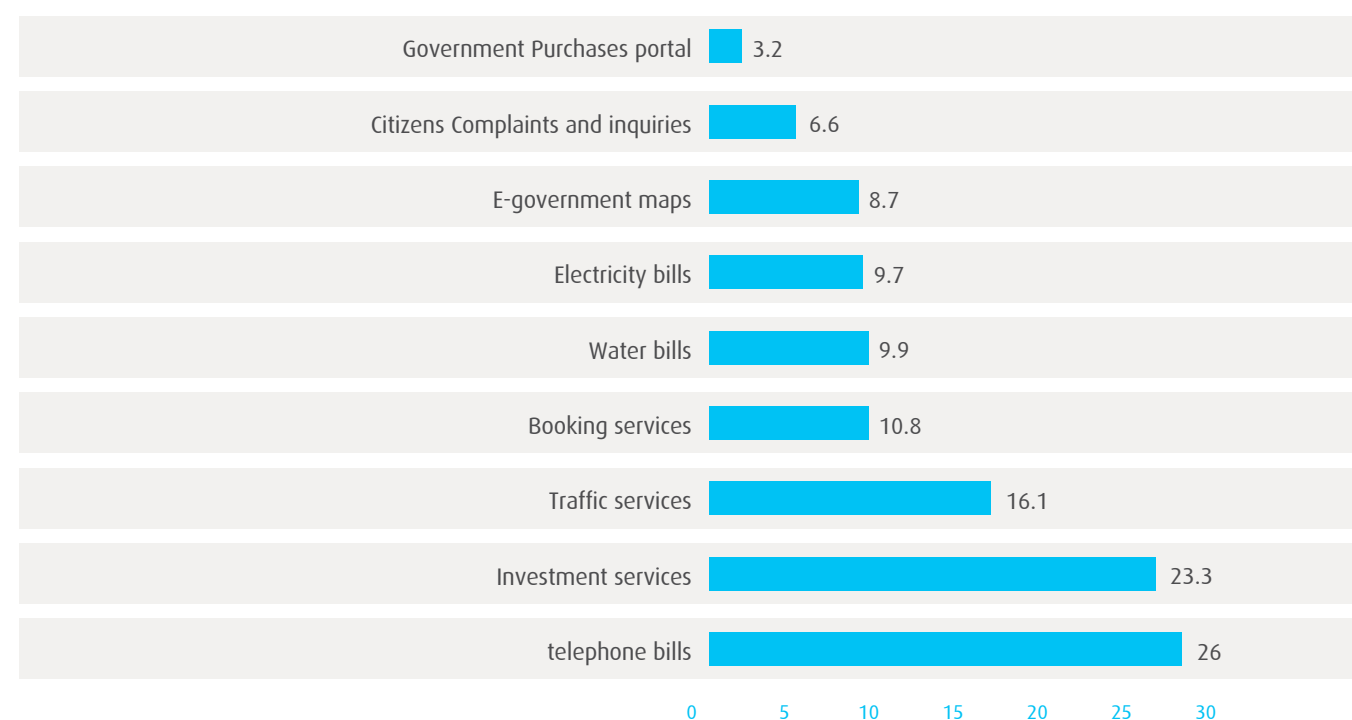
- The percentage of enterprises that access the internet using fixed broadband was 71.7%, while through wireless broadband, was 30.1%.



Source: "ICT usage in private sector enterprises" survey, conducted by the Ministry of Communications and Information Technology (MCIT), in cooperation with the Central Agency for Public Mobilization and Statistics (CAPMAS), 2019-2020.

E-government Fields

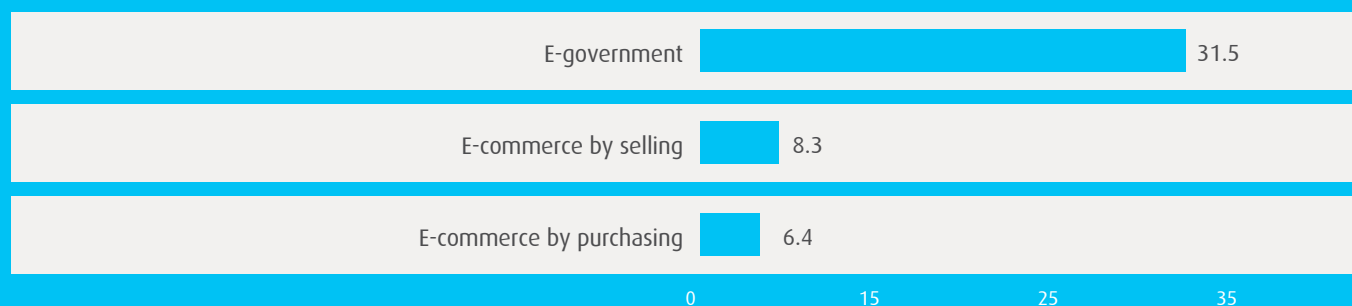
- The percentage of enterprises dealing with e-government for paying telephone bills was 26%, followed by traffic services, 16.1%, while for booking services, 10.8% and for government purchases portal 3.2%.



Source: "ICT usage in private sector enterprises" survey, conducted by the Ministry of Communications and Information Technology (MCIT), in cooperation with the Central Agency for Public Mobilization and Statistics (CAPMAS), 2019-2020.

Enterprises Dealing with E-government and E-commerce

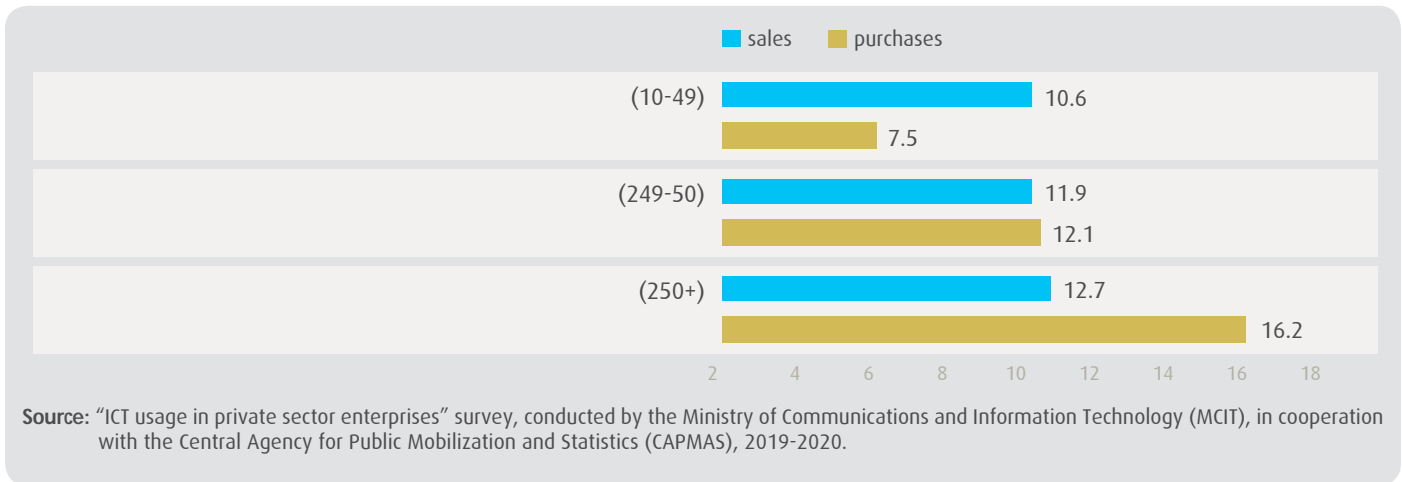
- The percentage of enterprises dealing with e-government reached 31.5%, while the enterprise dealing with e-commerce by selling goods and services reached 8.3%, compared to 6.4% for using e-commerce in purchasing good and services.



Source: "ICT usage in private sector enterprises" survey, conducted by the Ministry of Communications and Information Technology (MCIT), in cooperation with the Central Agency for Public Mobilization and Statistics (CAPMAS), 2019-2020.

Individuals Using Computers by Gender

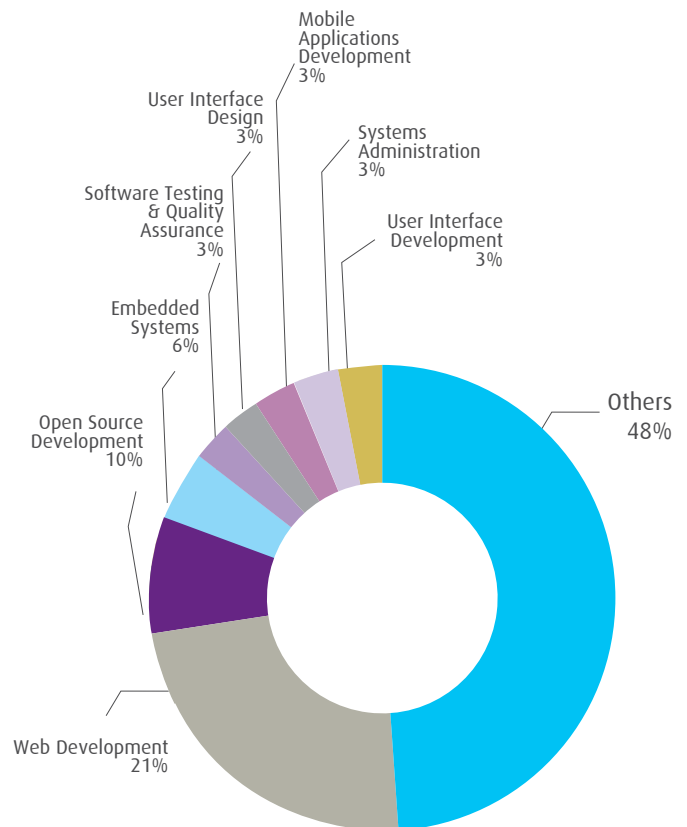
- The percentage of enterprises making sales online by business size (10 to 49) was 7.5%, compared to 12.1% for business size (50-249), and 16.2% for business size (250+).
- The percentage of enterprises dealing with e-commerce and making purchases by business size (10 to 49) is about 7.5 %, while for the business size (50 to 249) the percentage was 12.1 %, and 16.2% in business sized more than 250 .



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

Training Track	July- Sep. 2019
Web Development	195
Open Source Development	89
Embedded Systems	58
Software Testing and Quality Assurance	30
User Interface Design	28
Mobile Applications Development	26
Systems Administration	25
User Interface Development	24
Others	447
Total	922

*According to the latest figures.



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

ICT Sector's Infrastructure Indicators

- Mobile subscribers reached 96.58 million in April - June 2020, compared to 93.99 million in April - June 2019, representing an annual change rate of 2.77%.
- Mobile penetration reached 95.73 % in April - June 2020, compared to 94.91% in April - June 2019, representing an annual change rate of 0.83%.
- ADSL subscribers increased to 7.99 million in April - June 2020, compared to 6.88 million in April - June 2019, representing an annual change rate of 16.1%.

ICT Sector's Role in Development

- The proportion of private sector enterprises with fixed telephone reached 75.6%, while enterprises with mobile reached 86.1%.
- The proportion of private sector enterprises with internet access reached 45%.
- The proportion of private sector enterprises accessing the internet with mobile broadband reached 30.1%.
- The number of ITI graduates till April - June 2020 reached 13.11 thousand trainees.
- The number of graduates to receive software training till April - June 2020: 25.65 thousands graduates.