



Ministry of Communications
and Information Technology

ICT Indicators Bulletin

September 2020 | Quarterly Issue



ICT Sector's Infrastructure Indicators

The ICT Sector's Role in Development

Indicators in Brief

Data Item	Unit	July - September 2019	April - June 2020	July - September 2020	Quarterly Growth Rate (%)	Annual Growth Rate (%)
ICT Sector: Infrastructure Indicators						
Mobile Subscriptions	Million	94.90	96.58	95.36	-1.27	0.49
Mobile Penetration *	%	95.38	95.73	94.09	-1.65	-1.29
Fixed Line Subscriptions	Million	8.42	9.89	9.15	-7.49	8.63
Fixed Line Penetration *	%	7.60	7.73	7.70	-0.03	0.10
Mobile Internet Subscriptions	Million	38.17	41.79	50.48	20.80	32.26
USB Modem Subscriptions	Million	3.56	2.24	3.28	46.43	-7.64
ADSL Subscribers	Million	7.12	7.99	8.45	5.75	18.8
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	4009	0.58	0.70
ICT Sector's Role in Development						
Capacity Building Program Provided by ITIDA	Thousand Graduates	24.34	25.65	26.77	1.66	8.32

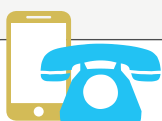
* Growth rates are calculated as the difference between penetration rates in different time intervals.

** (October – December) Data

■ the Internet penetration reached 57.3% according to ICT access and use by households and individuals 2019/2020

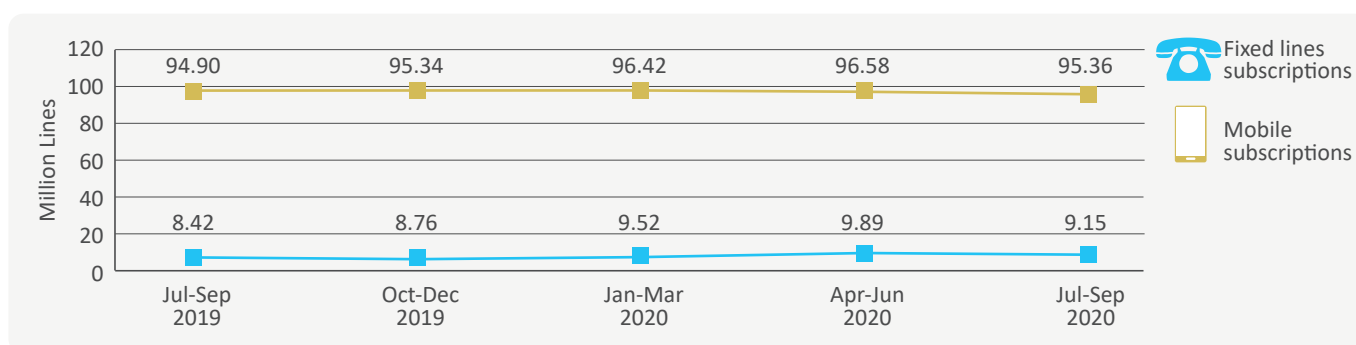
ICT Sector's Infrastructure Indicators

- Mobile subscriptions (July - September 2020) : 95.36 million
- Mobile penetration (July - September 2020) : 94.09%
- Fixed line subscriptions (July - September 2020): 9.15 million
- Fixed line subscriptions in urban areas(July - September 2020) : 7.02 million, rural areas 2.14 million.
- Internet users through mobile(July - September 2020): 50.48 million .
- USB Modem users(July - September 2020) : 3.28 million users.
- ADSL subscribers (July - September 2020) : 8.45 million.
- International Internet bandwidth (October - December 2019): 2,565.78 Gbps.
- Number of post offices (July - September 2020): 4009 Post offices.
- Number of Beneficiaries of Pensions' Payment Service through post offices(July - September 2020) : 5.35 million beneficiary



Fixed Lines and Mobile Subscriptions

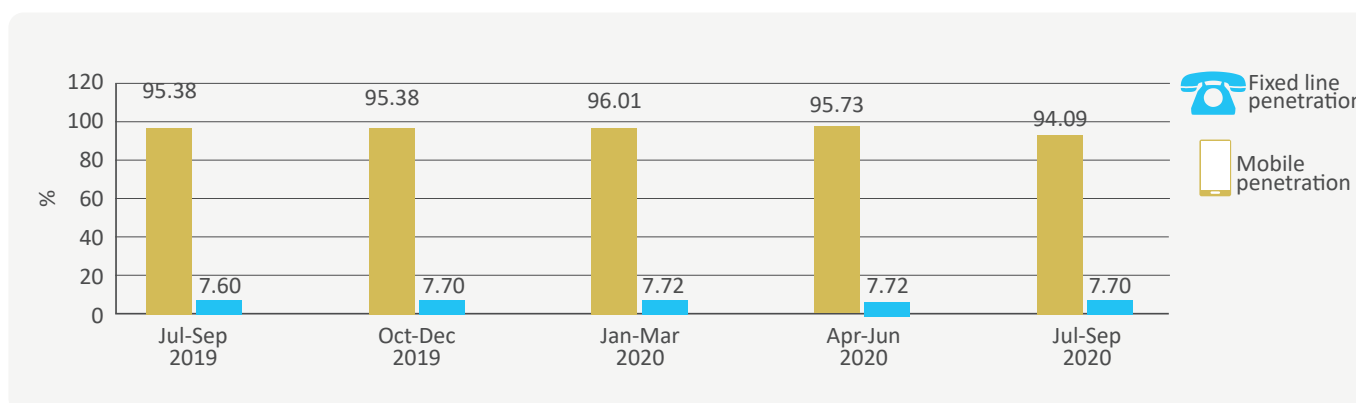
- The number of fixed line and mobile subscriptions was 104.51 million at the end of July - September 2020, compared to 103.32 million at the end of July - September 2019.
- The number of mobile subscriptions was 95.36 million at the end of July - September 2020, compared to 94.90 million at the end of July - September 2019. The mobile subscriptions recorded 91% of total telephone service.



Source: Ministry of Communications and Information Technology, Telecom Egypt

Fixed Line and Mobile Penetration

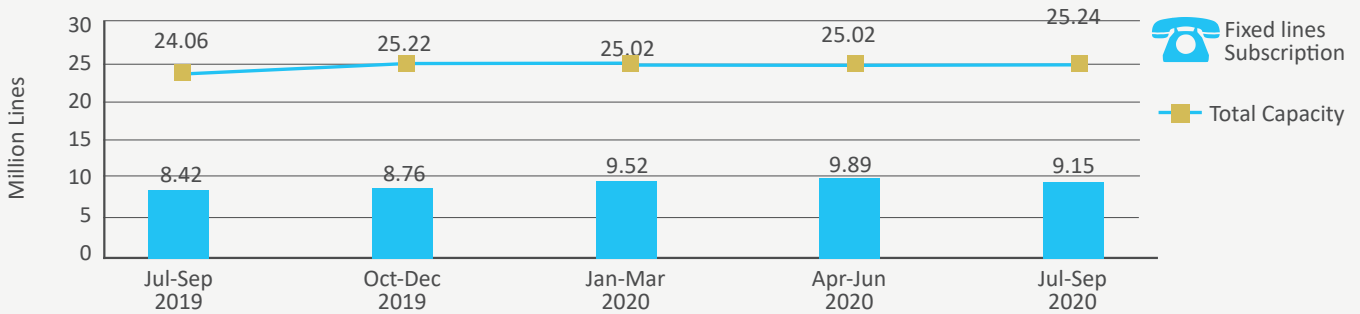
- Mobile penetration reached 94.09% at the end of July - September 2020, compared to 95.38% at the end of July - September 2019, representing an annual change rate of -1.29% . On the other hand, fixed line penetration reached about 7.70% by the end of July - September 2020.



Source: Ministry of Communications and Information Technology, Telecom Egypt

Fixed Lines Subscription and Local Exchange Capacity

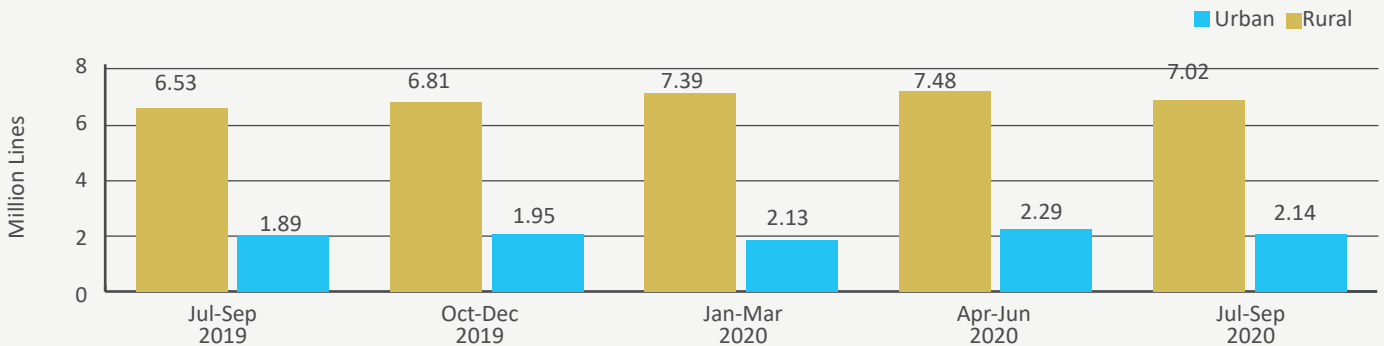
- Total number of fixed line subscriptions has reached 9.15 million subscriptions at the end of July - September 2020 compared to 8.42 million subscriptions at the end of July - September 2019.
- The capacity of local exchanges increased to 25.24 million lines at the end of July - September 2020, compared to 24.06 million at the end of July - September 2019. This represents an annual change of 1.18 million lines and an annual change rate of 4.92%.



Source: Ministry of Communications and Information Technology, Telecom Egypt

Fixed Lines Subscription (Urban - Rural)

- The Number of fixed line subscribers in urban areas reached 7.02 million subscribers by the end of July - September 2020 compared to 6.53 million subscribers by the end of July - September 2019 while the Number of fixed line subscribers in rural areas reached 2.14 million subscribers by the end of July - September 2020 compared to 1.89 million subscribers by the end of July - September 2019

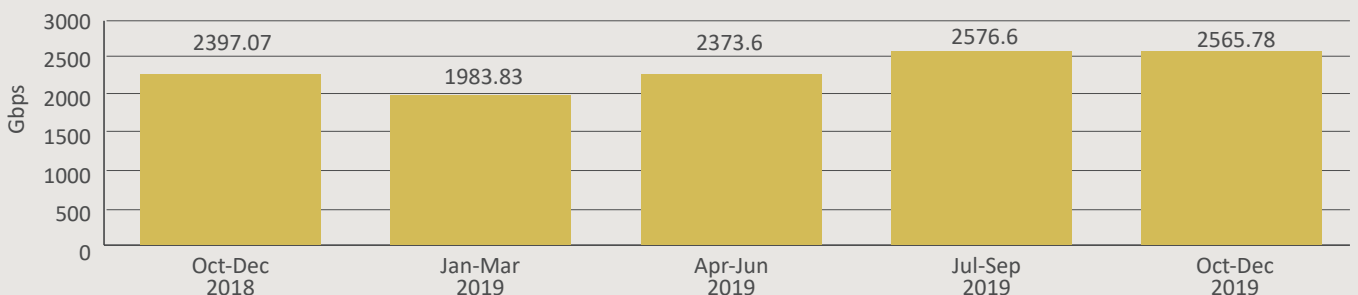


Source: Ministry of Communications and Information Technology, Telecom Egypt



International Internet Bandwidth

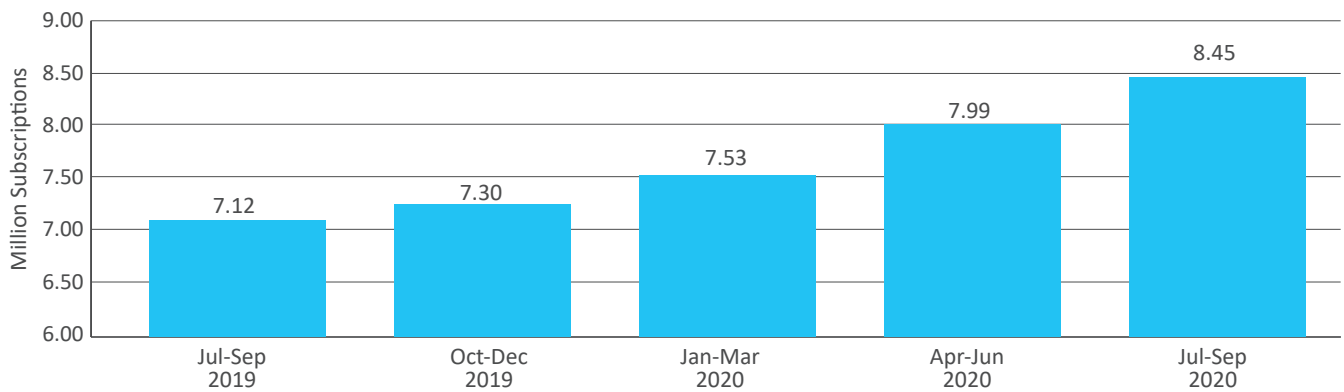
- International Internet bandwidth increased 2,565.78 Gbps at the end of October -December 2019 compared to 2,397.07 Gbps at the end of October – December 2018 representing an annual growth rate of 7.04%.
- The international internet bandwidth per inhabitants reached 25,315.04 Bit/sec. per person at the end of October – December 2020 compared to 24,092.33 Bit/Sec. per person at the end October – December 2018 with and annual growth rate of 5.08%.



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

ADSL Subscriptions

- The number of ADSL subscriptions reached 8.45 Million Subscriptions by the end of July - September 2020 compared to 7.12 Million Subscriptions at the end of July - September 2019 with an annual change 1.34 Million and annual change rate 18.8 %.

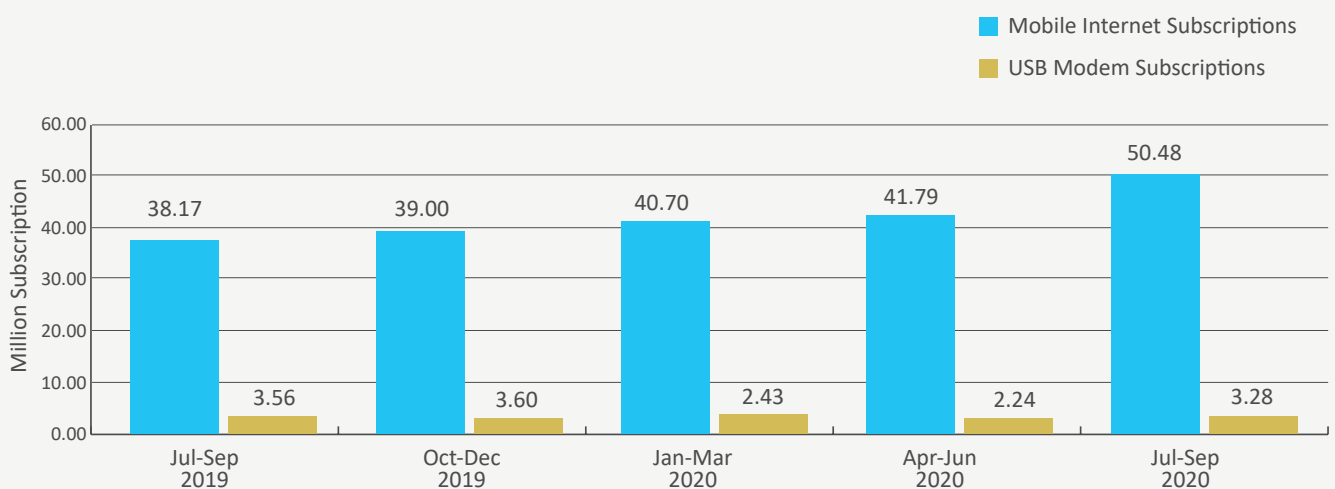


Source: Ministry of Communications and Information Technology, National Telecom Regulatory Authority



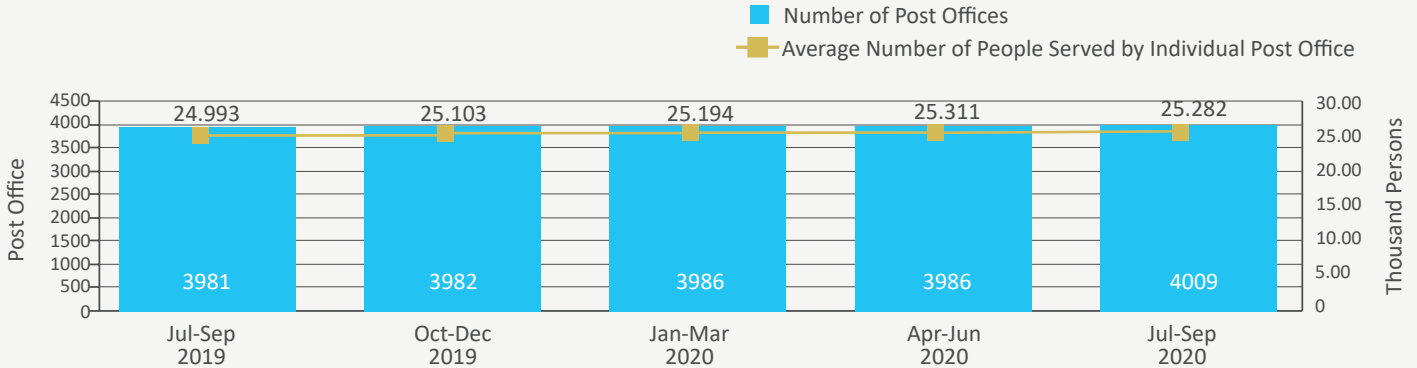
Mobile Internet and USB Modem Subscriptions

- The number of mobile internet subscriptions reached 50.48 Million Subscriptions by the end of October – December 2019 compared to 38.17 Million Subscriptions at the end of October – December 2018
- The number of USB Modem subscriptions reached 3.28 Million Subscriptions by the end of October – December 2019 compared to 3.56 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 4009 at the end of July - September 2020, compared to 3981 at the end of July - September 2019, reflecting an annual growth rate of 0.70%.
- The average number of people served by individual post offices was 25,282 thousand persons at the end of July - September 2020, compared to 24,993 thousand persons at the end of July - September 2019, representing an annual growth rate of 1.16%.



Source: Ministry of Communications and Information Technology, Egypt Post

Number of Pensions Distributed Through Postal Offices

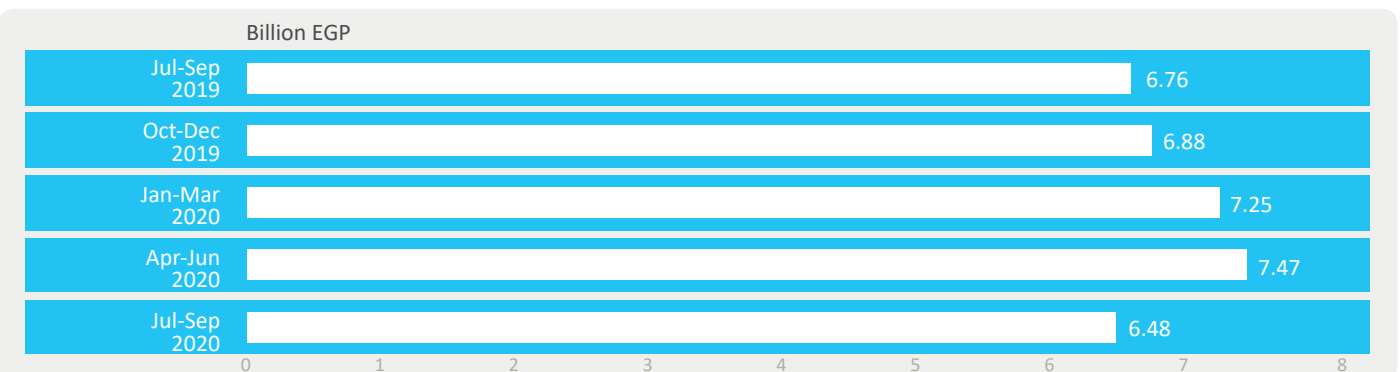
- Number of beneficiaries of pensions distributed through postal offices has increased to about 5.35 million beneficiaries in July - September 2020 compared to 5.23 million beneficiaries in July -September 2019.



Source: Ministry of Communications and Information Technology, Egypt Post

Value of Pensions Distributed Through Postal Office

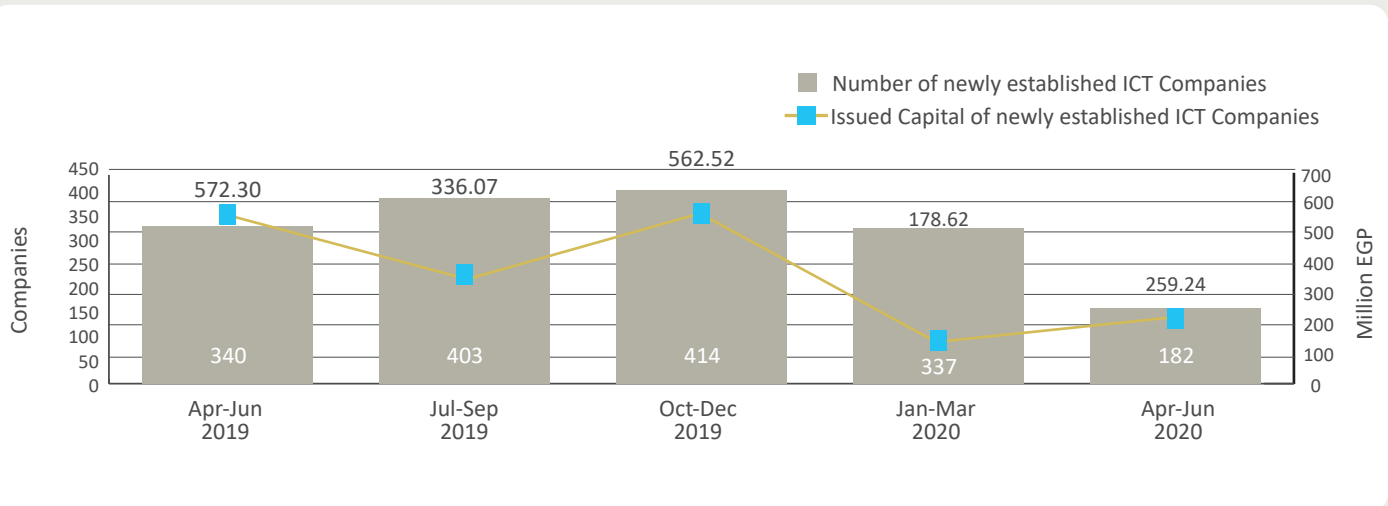
- The value of pensions distributed through postal offices reached 6.48 Billion EGP beneficiaries in July - September 2020 compared to 6.76 Billion EGP in July -September 2019.



Source: Ministry of Communications and Information Technology, Egypt Post

Number of Newly Established ICT Companies and Issued Capital

- Number of newly established ICT companies reached 182 companies in April – June 2020 compared to 340 companies in April – June 2019.
- 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.

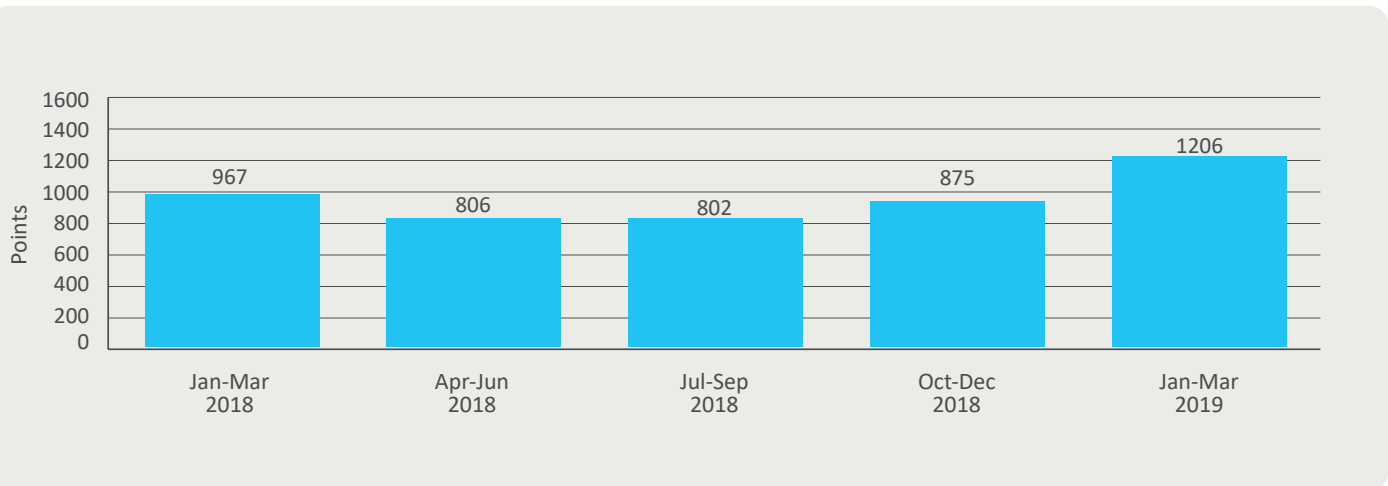


Source: Ministry of Investment, General Authority for Investment, and Free Zones



Egypt's Stock Exchange Telecommunications Index *

- The telecommunications index in Egypt's stock exchange reached 1206 points during July - September 2020 compared to 967 points during July - September 2019.



The IT , Media & Communication Services Index includes of 5 companies: Raya Contact Center, Fawry For Banking Technology and Electronic Payment, Egyptian Satellites (NileSat), Egyptian Media Production City and Telecom Egypt

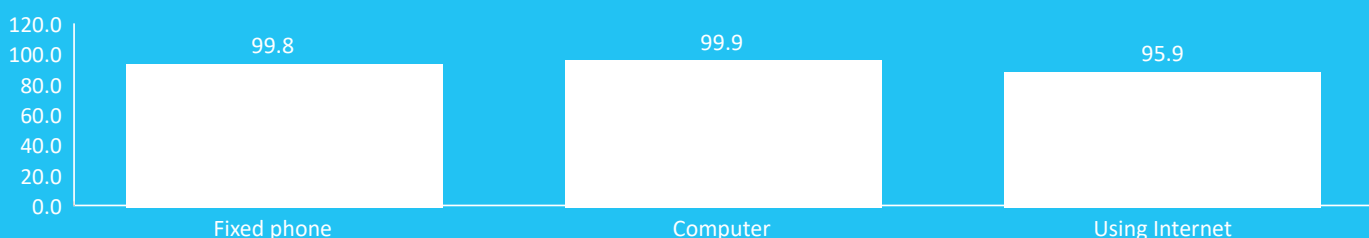
Source: The Egypt's Exchange

The ICT Sector's Role in Development

- Proportion of government sector enterprises that have a computer : 99.9%.
- Proportion of government sector enterprises that have an INTRANET : 75.3%.
- Proportion of government sector enterprises that use computers in office work: 97.4%
- Proportion of government sector enterprises that use the Internet to send and receive e-mail: 91.8%.
- Proportion of government sector enterprises that have access Internet with fixed broadband:95.7%
- Proportion of government sector enterprises that provide e-government services: 37%.
- Number of graduates to receive software training by ITIDA till June 2020: 26.77 thousand trainees.
- Number of graduates of ITI till September 2019: 13.99 thousand trainees.

ICT Infrastructure in government & public sector enterprises

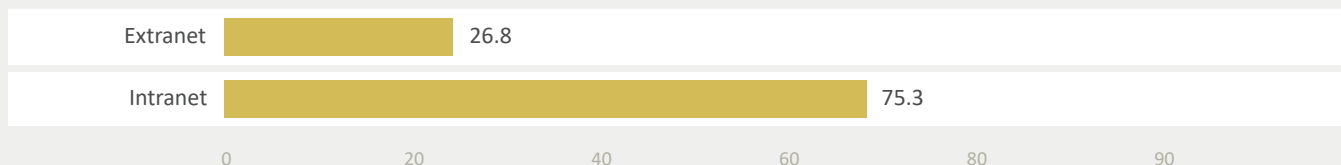
- The percentage of government & public sector enterprises with (fixed telephone) 99.8% ,while with (computer) and (using internet) 99.9% , 95.9% respectively.



Source: survey of ICT usage in government & public sector enterprises”, conducted by Ministry of Communications and Information Technology (MCIT) in cooperation with Central Agency for government & public Mobilization and Statistics (CAPMAS), 2019/2020.

Government & public sector enterprises by type of Network

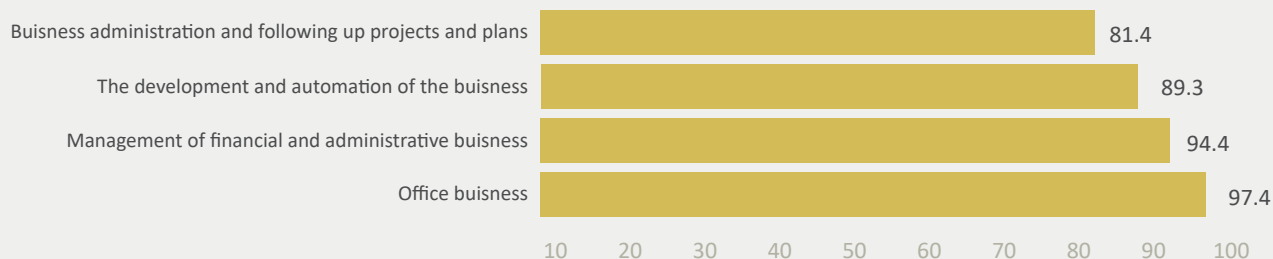
- The percentage of government & public sector enterprises that have an (INTRANET) 75.3% and with an (EXTRANET) 26.8%.



Source: survey of ICT usage in government & public sector enterprises”, conducted by Ministry of Communications and Information Technology (MCIT) in cooperation with Central Agency for government & public Mobilization and Statistics (CAPMAS), 2019/2020.

Activities undertaken by government & public sector enterprises using the computers

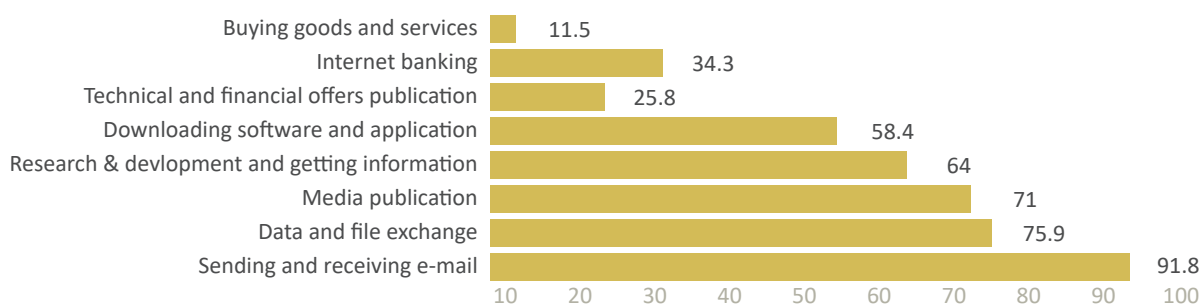
- The percentage of government & public sector enterprises using computer in (Office Business) 97.4%, followed by (Management of Financial and Administrative Business) 94.4%, while in (Development and Automation of the Business) 89.3%, and in (Business Administration and Following up Projects and Plans) 81.4%.



Source: survey of ICT usage in government & public sector enterprises”, conducted by Ministry of Communications and Information Technology (MCIT) in cooperation with Central Agency for government & public Mobilization and Statistics (CAPMAS), 2019/2020.

Activities undertaken by government & public sector enterprises using Internet

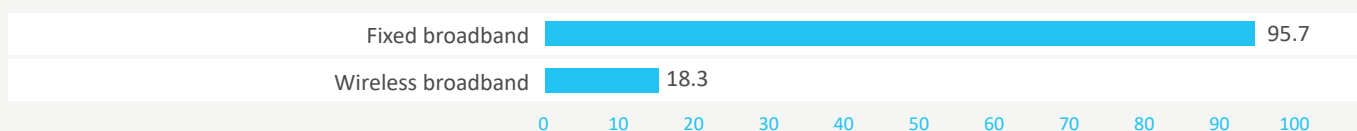
- The percentage of government & public sector enterprises using the Internet in (sending and receiving email) reached about 91.8%. Followed by (Data & files exchange)75.9%, while 71% of the enterprises use the Internet in (Media Publication) and 11.5% of the enterprises use the Internet for (Buying of goods and services).



Source: survey of ICT usage in government & public sector enterprises”, conducted by Ministry of Communications and Information Technology (MCIT) in cooperation with Central Agency for government & public Mobilization and Statistics (CAPMAS), 2019/2020.

Government & public sector enterprises connected to the internet by mode of access

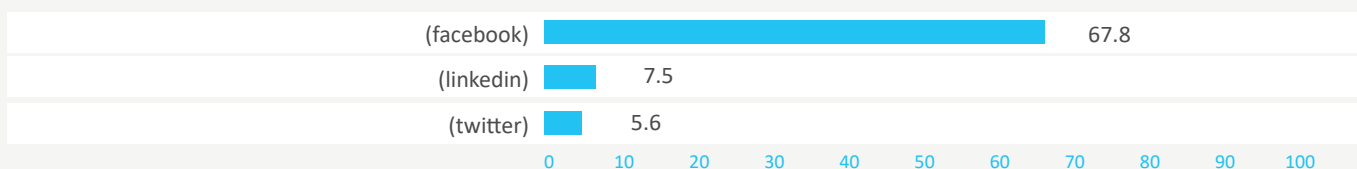
- The percentage of government & public sector enterprises that access the internet using (Fixed Broadband) 95.7%, while by (Wireless Broadband) 18.3%.



Source: survey of ICT usage in government & public sector enterprises”, conducted by Ministry of Communications and Information Technology (MCIT) in cooperation with Central Agency for government & public Mobilization and Statistics (CAPMAS), 2019/2020.

Government and public sector enterprises have page on (Facebook / Twitter / LinkedIn) – providing e-government services

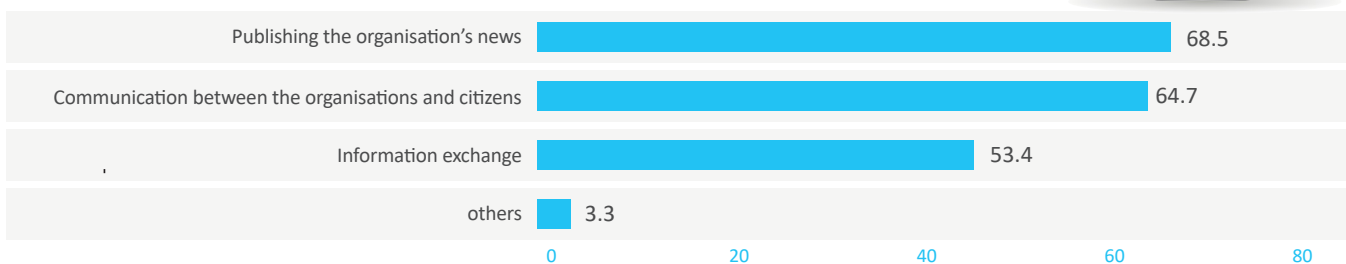
- The percentage of government & public sector enterprises that have page on (Facebook) is 67.8% followed by the percentage of having page (Twitter)& (LinkedIn) 7.5% & 5.6 respectively.



Source: survey of ICT usage in government & public sector enterprises”, conducted by Ministry of Communications and Information Technology (MCIT) in cooperation with Central Agency for government & public Mobilization and Statistics (CAPMAS), 2019/2020.

Activities undertaken by government & public sector enterprises with page on (face book-LinkedIn-twitter)

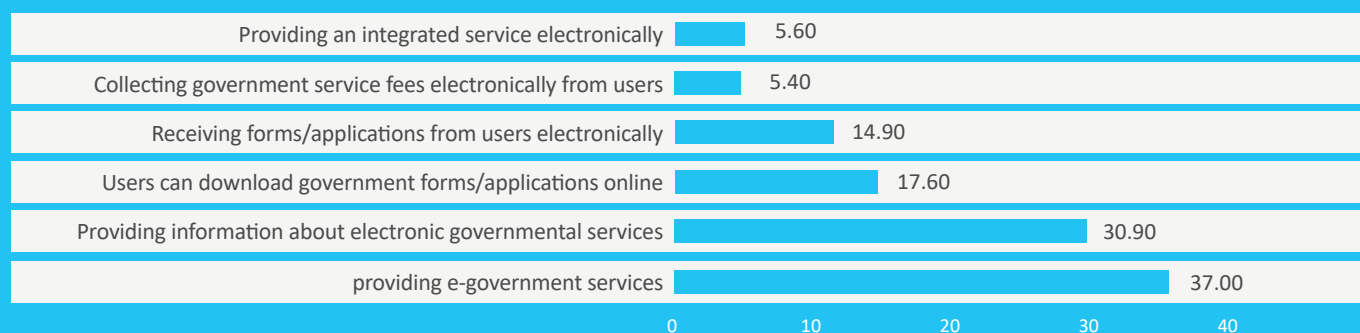
- The percentage of government & public sector enterprises using their page on (face book-LinkedIn-twitter) in (Communication with the citizen) 53.4%, in (Publishing the organization news)64.7%, (Information exchange) 68.5% and in (Other) activities 3.3%.



Source: survey of ICT usage in government & public sector enterprises”, conducted by Ministry of Communications and Information Technology (MCIT) in cooperation with Central Agency for government & public Mobilization and Statistics (CAPMAS), 2019/2020.

E-Government Services provided by government and public sector enterprises

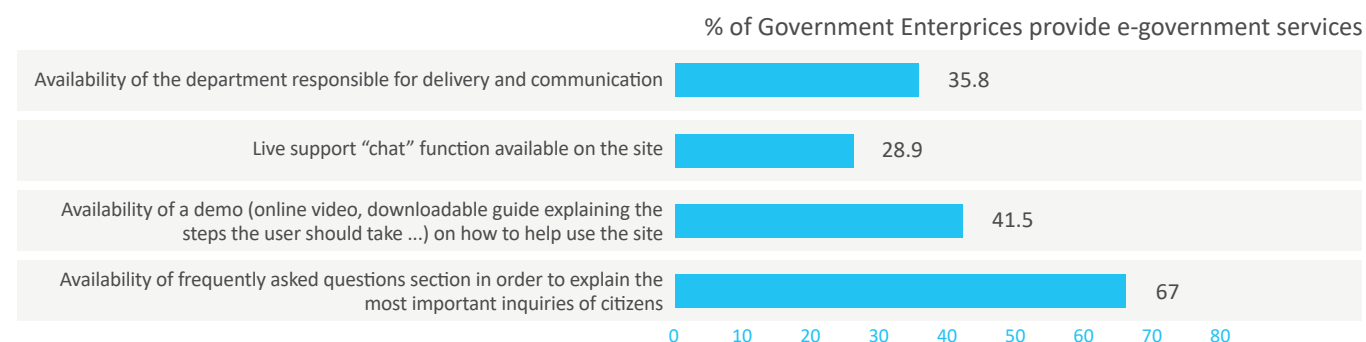
- The percentage of enterprises providing e-government services is 37% and the percentage of Providing information about electronic governmental services is 30.9%, followed by Users can download government forms/applications online is 17.6%, Receiving forms/applications from users electronically is 14.9% , Collecting government service fees electronically from users is 5.4% and Providing an integrated service electronically is 5.6%



Source: survey of ICT usage in government & public sector enterprises”, conducted by Ministry of Communications and Information Technology (MCIT) in cooperation with Central Agency for government & public Mobilization and Statistics (CAPMAS), 2019/2020.

Evaluation of e-government services

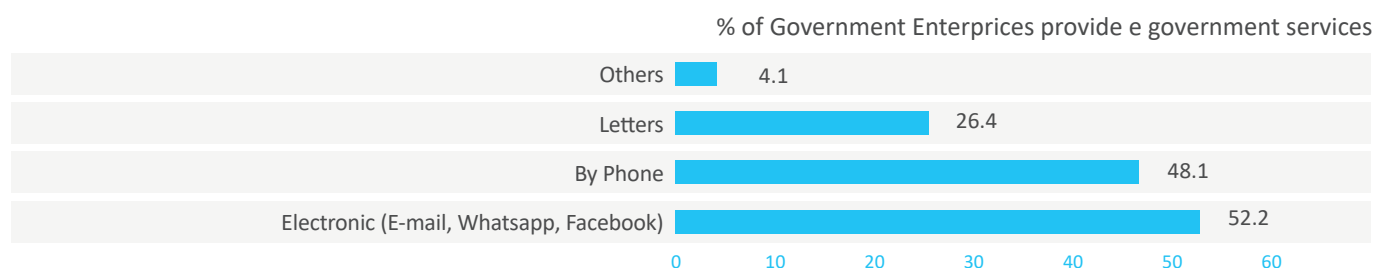
- 67% of the enterprises that provide e-government services indicated that they have a frequently asked questions section in order to explain the most important inquiries of citizens, while 41.5 indicated the availability of a demonstration (online video, a downloadable guide explaining the steps that the user must take ...) About how to help using the site, 28.9% indicated the availability of a direct support function for “chatting” and 35.8% indicated the availability of a section responsible for delivery and communication.



Source: survey of ICT usage in government & public sector enterprises”, conducted by Ministry of Communications and Information Technology (MCIT) in cooperation with Central Agency for government & public Mobilization and Statistics (CAPMAS), 2019/2020.


























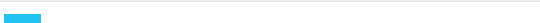
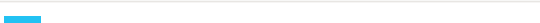


Communicate with citizens in order to follow up on the electronic services provided through the website or the e-government portal

52% of enterprises following up services electronically (e-mail, whatsapp, Facebook, >>>etc.), while 48.1% by phone and 26.4% by letters.



Source: survey of ICT usage in government & public sector enterprises”, conducted by Ministry of Communications and Information Technology (MCIT) in cooperation with Central Agency for government & public Mobilization and Statistics (CAPMAS), 2019/2020.

Number of graduates of capacity building program provided by Information Technology Institute (ITI)

Training Track		July - Sep 2020
Professional Web Development & BI		166
Open Source Development		116
Mobile Applications Development		80
Embedded Systems		56
Enterprise & Web Applications Development		47
Systems Administration		30
Software Testing & Quality Assurance		30
User Interface Development		26
Cloud Platform Development		22
Software Architecture		20
Wireless Communications		19
Web & User Interface Development		17
Gioinformatics		17
3D Art		16
Cloud Architecture		16
Civil Engineering Informatics		16
2D Animation and Motion Graphics		16
IOT Applications Development		16
Cyber Security		16
VFX & Compositing		15
Mechatronics		15
ERP Consulting		15
Data Science		15
Telecom Applications Development		15
Game Art		14
Industrial Automation		13
Data Management		13
Digital IC Design		12
Game Programming		12
Grand Total		881

0 40 80 120 160 200

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

ICT Sector's Infrastructure Indicators

- Mobile subscribers reached 95.36 million in July - September 2020, compared to 94.90 million in July - September 2019, representing an annual change rate of 0.49%.
- Mobile penetration reached 94.09 % in July - September 2020, compared to 95.38% in July - September 2019, representing an annual change rate of -1.29%.
- ADSL subscribers increased to 8.45 million in July - September 2020, compared to 7.12 million in July - September 2019, representing an annual change rate of 18.8%.

ICT Sector's Role in Development

- The percentage of government sector enterprises that use the Internet is about 95.3%, while the percentage of government sector establishments that have wireless broadband access is about 18.3%.
- The percentage of government sector enterprises that use computers in managing financial and administrative work reached 94.4%, while the percentage of government sector enterprises that use the Internet in exchanging data and files was 75.9%.
- The percentage of government sector enterprises that use the Facebook page) / (Twitter / LinkedIn (to communicate with the entity and the public)) is 64.7%.
- The number of ITI graduates till July - September 2020 reached 13.99 Thousand trainees.
- The number of graduates to receive software training till July - September 2020: 26.77 Thousands graduates.