



Arab Republic of Egypt
Ministry of Communications
and Information Technology

Information and Communications Technology Indicators Bulletin

June 2015 | Quarterly Issue



■ ICT Sector's Infrastructure Indicators

■ ICT Sector's Role in Development



Scan Me

Indicators in Brief

Data	Unit	April - June 2014	January - March 2015	April - June 2015	Quarterly Growth Rate (%)	Annual Growth Rate (%)
ICT Sector's Infrastructure Indicators						
Mobile Subscriptions	Million	100.23	95.99	95.06	-0.97	-5.16
Mobile Penetration *	%	117.71	111.18	109.60	-1.58	-8.11
Fixed Line Subscriptions *	Million	6.70	6.17	6.64	7.67	-0.86
Fixed Line Penetration *	%	8.00	7.26	7.78	0.52	-0.22
Mobile Internet Subscriptions	Million	19.25	23.31	24.08	3.30	25.09
USB Modem Subscriptions	Million	3.83	4.22	4.11	-2.59	7.37
ADSL Subscribers	Million	2.87	3.27	3.51	7.44	22.2
International Internet Bandwidth	Gbps	365,497	493,632	631,632	27.96	72.81
Number of Post Offices	Office	3865	3904	3911	0.18	1.19
ICT Sector's Role In Development						
Number of Telecentres **	Telecentre	--	15	15	--	--
Capacity Building Program Provided by ITIDA	Graduates	284	176	139	-21.02	-51.06

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

** MCIT has activated Telecenters for community development new initiative.

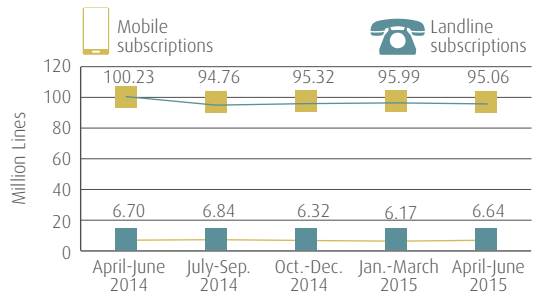
The number of internet users reached 27.25 million users with 31.07% penetration rate according to ICT access and use by households and individuals 2014.

ICT Sector's Infrastructure Indicators

- Mobile subscriptions (April - June 2015) : 95.06 million
- Mobile penetration (April - June 2015) : 109.60%
- Fixed line subscriptions (April - June 2015): 6.64 million
- Fixed line subscriptions in urban areas (April - June 2015) : 5.36 million, rural areas 1.28 million
- Internet users through mobile (April - June 2015): 24.08 million
- USB Modem users (April - June 2015) : 4.11 million users
- ADSL subscribers (April - June 2015) : 3.51 million
- International Internet bandwidth (April - June 2015): 631,632 Gbps
- Number of post offices (April - June 2015): 3911 Post offices
- Number of Beneficiaries of Pensions' Payment Service through post offices (April - June 2015) : 4.72 million beneficiary

Fixed Lines and Mobile Subscriptions

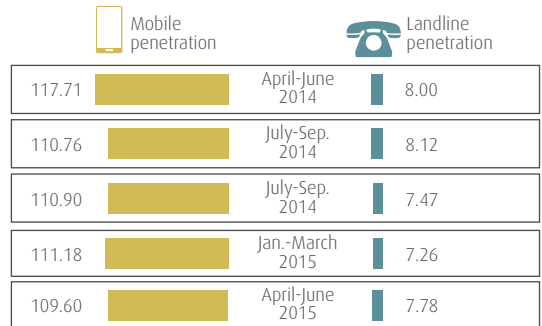
- The number of fixed line and mobile subscriptions was 101.71 million at the end of April - June 2015, compared to 106.94 million at the end of April - June 2014.
- The number of mobile subscriptions was 95.06 million at the end of April - June 2015, compared to 100.23 million at the end of April - June 2014. The mobile subscriptions recorded 93% of total telephone service.



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

Fixedline and Mobile Penetration

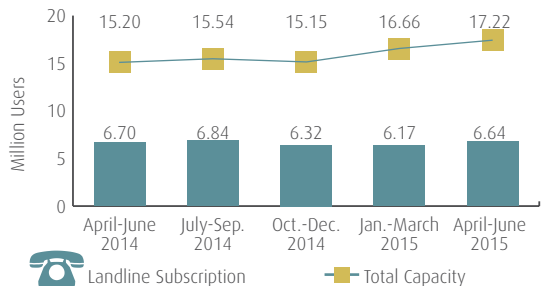
- Mobile penetration reached 109.60% at the end of April - June 2015, compared to 117.71% at the end of April - June 2014, representing an annual change rate of -8.11%. On the other hand, fixed line penetration reached about 7.78% by the end of April - June 2015.



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

Fixed line Subscription and Local Exchange Capacity

- Total number of fixed line subscriptions has reached 6.64 million subscriptions at the end of April - June 2015 compared to 6.70 million subscriptions at the end of April - June 2014.
- The capacity of local exchanges increased to 17.22 million lines at the end of April - June 2015, compared to 15.20 million at the end of April - June 2014. This represents an annual increase of 2.01 million lines and an annual growth rate of 13.23%.

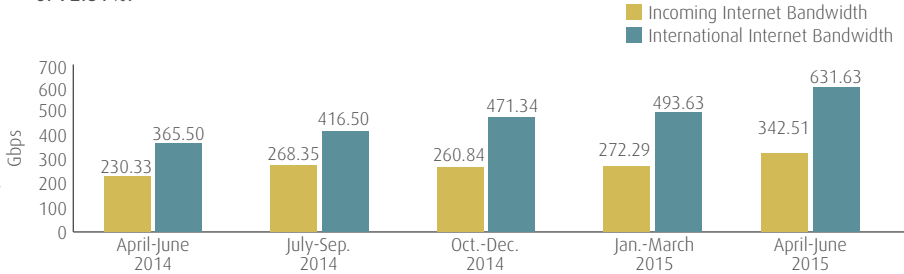


Source: Ministry of Communications and Information Technology, Telecom Egypt



International Internet Bandwidth

- International Internet bandwidth increased to 631,632 Gbps at the end of April - June 2015 compared to 365,497 Gbps at the end of April - June 2014 representing an annual growth rate of 72.81%.

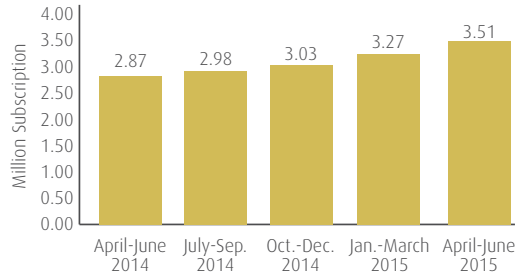


Source: Ministry of Communications and Information Technology, National Telecom Regulatory Authority



ADSL Subscriptions

- The number of ADSL subscriptions increased to 3.51 million subscriptions by the end of April - June 2015 compared to 2.87 million subscriptions at the end of April - June 2014 with an annual growth rate 22.2%.

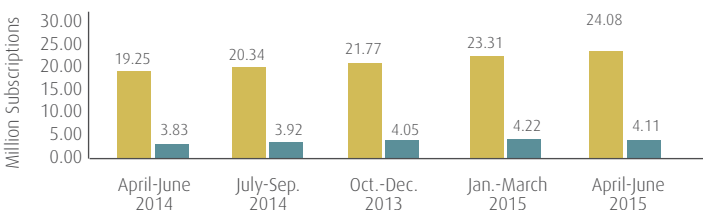


Source: Ministry of Communications and Information Technology, National Telecom Regulatory Authority



Mobile Internet and USB Modem Subscriptions

- The number of mobile internet subscriptions reached 24.08 million subscriptions by the end of April - June 2015 compared to 19.25 million subscriptions at the end of April - June 2014.
- The number of USB Modem subscriptions reached 4.11 million subscriptions by the end of April - June 2015 compared to 3.83 million subscriptions at the end of April - June 2014.



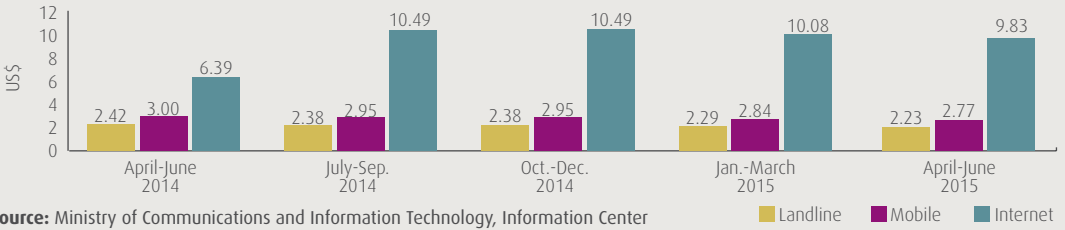
Source: Ministry of Communications and Information Technology, National Telecom Regulatory Authority

Legend:
■ Mobile Internet Subscriptions
■ USB Modem Subscriptions

ICT Price Basket

■ The cost of ICT services in Egypt is considered internationally competitive. According to the World Bank price basket methodology, the monthly cost in Egypt in April - June 2015 was USD 2.23 for a fixed line *, USD 2.77 for mobile services ** and USD 9.83 for Internet service ***.

Note: No actual increases in any of the services' prices have been monitored, only there has been a change in methodology of calculation according to the International Telecommunications Union (ITU) since October 2013



Source: Ministry of Communications and Information Technology, Information Center

* The price for a residential fixed line is calculated as one-fifth of the installation charge, the monthly subscription charge and the cost of local calls (15 peak and 15 off-peak calls of three minutes each)

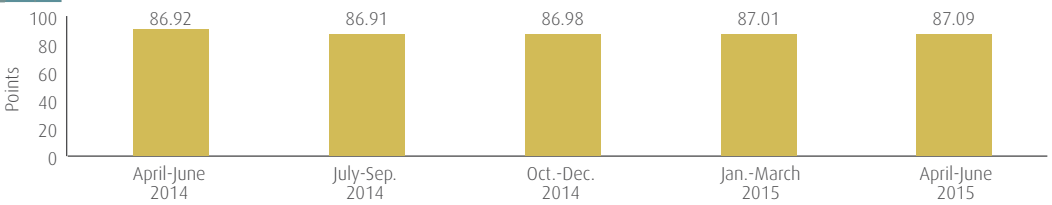
** Calculated as the pre-paid price for 30 calls per month spread over the same mobile network, other mobile networks, and mobile to fixed calls and during peak, off-peak, and weekend times. It also includes 100 text messages per month. (International Telecommunication Union and World Bank).

*** Price basket for Internet (Fixed-broadband sub-basket) refers to the price of the monthly subscription to an entry-level fixed broadband plan. For comparability reason, the fixed broadband sub-basket is based on a monthly usage of (a minimum of) 1 Gigabyte (GB). For plans that limit the monthly amount of data transferred by including caps below 1 Gigabyte, the cost for additional bytes is added to the sub-basket. The minimum speed of broadband connection is 256 Kbyte/s. (International Telecommunication Union).



Communications Service Composite Price Index *

Communications Services Composite Price Index reached 87.09 points in April - June 2015 compared to 86.92 points in April - June 2014 with an annual growth rate 0.17%.



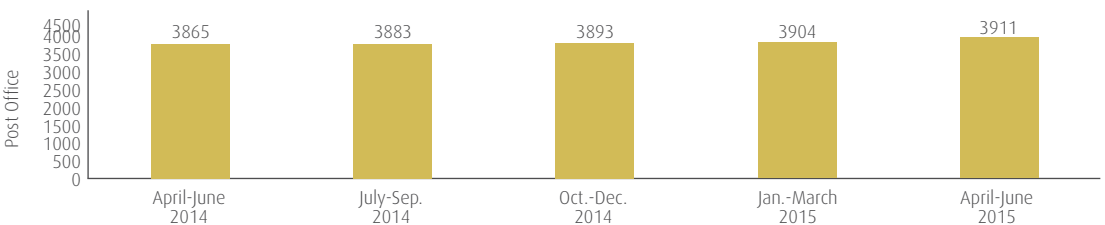
Source: Ministry of Communications and Information Technology, Information Center

* The calculation of the index based on the recommendations of the Organization and Economic Cooperation and Development (OECD) and the World Bank, the Communication Services composite Price Index is calculated based on a basket of ICT telecommunication services taking into account the nature of telecommunications services in Egypt. The Index has four main subcomponents: sub-components classified according to ISIC 4. Data was collected on tariffs and prices of these services for the period between 2002 to 2010 on quarterly basis that complies with the periodicity of computing the ICT GDP. The weights are calculated based on the share of each service from the total revenues for each company. The year 2006/2007 was chosen to be the base year for the index.

Post Offices

■ The total number of post offices increased to 3911 at the end of April - June 2015, compared to 3865 at the end of April - June 2014, reflecting an annual growth rate of 1.19%.

■ The average number of people served by individual post offices was 22,179 thousand persons at the end of April - June 2015, compared to 22,032 thousand persons at the end of April - June 2014, representing an annual growth rate of 0.66%.



Source: Ministry of Communications and Information Technology, Egypt Post



Number of Pensions Distributed through Postal Offices

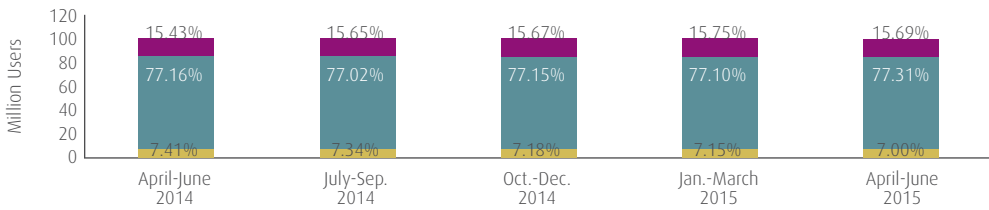
■ Number of beneficiaries of pensions distributed through postal offices has increased to about 5.3 million beneficiaries in April - June 2015 compared to about 4.91 million beneficiaries in April - June 2014 with an annual growth rate of 7.94%.

	Million beneficiaries	
April-June 2014		4.91
July-Sep. 2014		4.97
Oct.-Dec. 2014		5.03
Jan.-March 2015		5.06
April-June 2015		5.3

Source: Ministry of Communications and Information Technology, Egypt Post

Number of ICT Companies According to Activities

■ 77.31% were IT companies 15.69% Value added services and 7.00% communication companies. The number of ICT operating companies, in April - June 2015 was 11.67% higher than in April - June 2014.

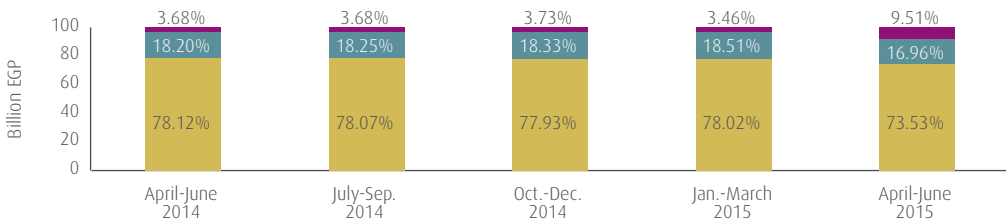


Source: Ministry of Investment, General Authority for Investment and Free Zones

■ Communication ■ Information Technology ■ Value Added Services

ICT Issued Capital

■ It is worth noting that the percentage of Issued Capital of telecommunication companies reached 73.53% of the total issued capital within the sector while it reached 16.96% for Information Technology and 9.51% for value added services.



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

■ Communications ■ Information Technology ■ Value Added Services

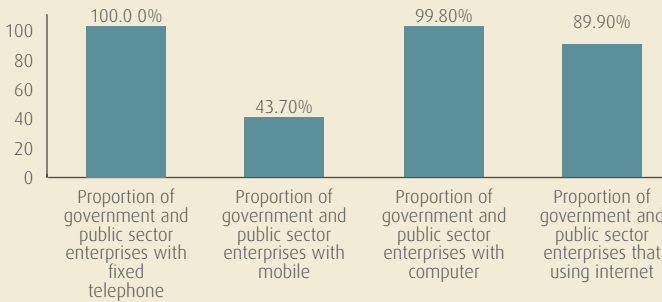
The ICT Sector's Role in Development

- Proportion of government and public sector enterprises with mobile phones: 43.7%.
- Proportion of government and public sector enterprises that has internet fixed broadband access: 86%.
- Proportion of government and public sector enterprises that has internet mobile broadband access: 16.8%.
- Proportion of government and public sector enterprises that provide E-Government services: 29%.
- Proportion of government and public sector enterprises that have website: 62.7%
- Number of graduates to receive software training (April – June 2015): 139 trainees.



ICT Infrastructure in government & public sector enterprises

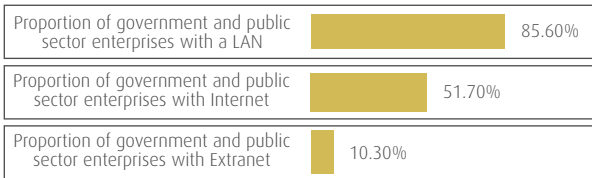
The proportion of government and public sector enterprises with fixed telephone reached around 100%, while with mobile reached about 43.7%, the proportion of government and public sector enterprises with a computer reached 99.8 %, however 89.9% of government and public sector enterprises use the internet.



Source: “survey of ICT usage in government and public Sector”, conducted by Ministry of Communications and Information Technology (MCIT) in cooperation with Central Agency for Public Mobilization and Statistics (CAPMAS),2014.

Government and public sector enterprises by type of Network

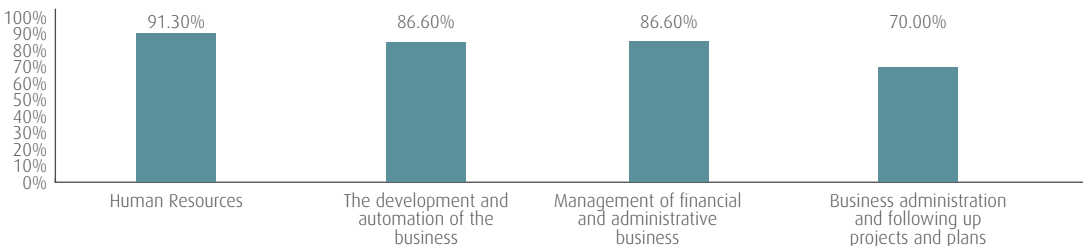
The proportion of government and public sector enterprises with a LAN reached about 85.6 %, while government and public sector enterprises that have an intranet reached 51.7 % and with an extranet.



Source: “survey of ICT usage in government and public Sector”, conducted by Ministry of Communications and Information Technology (MCIT) in cooperation with Central Agency for Public Mobilization and Statistics (CAPMAS),2014.

Activities undertaken by government and public sector enterprises using computers

On the other side, the percentage of government and public sector enterprises that use the computer in human resources reached about 91.3%, while 86.6% of the government and public sector enterprises used the computer in the development and automation of the business, 86.6 % in management of financial and administrative business and 70% in business administration and following up projects and plans.



Source: “survey of ICT usage in government and public Sector ”, conducted by Ministry of Communications and Information Technology (MCIT) in cooperation with Central Agency for Public Mobilization and Statistics (CAPMAS),2014.

Activities undertaken by government and public sector enterprises using the internet

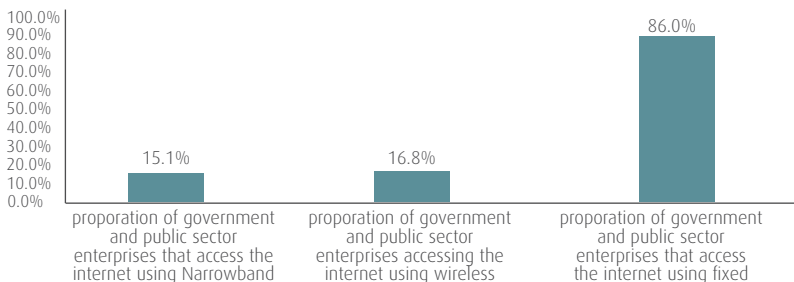
Concerning government and public sector enterprises usage of internet, 3.7% of the enterprises use the internet for purchase of goods and services, while 9.8% of the enterprises use it in E-banking, 55.2% of the enterprises use the internet in publishing media about organization, however 57.9% of government and public sector enterprises use it in Research and development and access to information through international databases, for government and public sector enterprises using the internet in sending and receiving email reached about 83.9%.



Source: "survey of ICT usage in government and public Sector", conducted by Ministry of Communications and Information Technology (MCIT) in cooperation with Central Agency for Public Mobilization and Statistics (CAPMAS),2014.

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

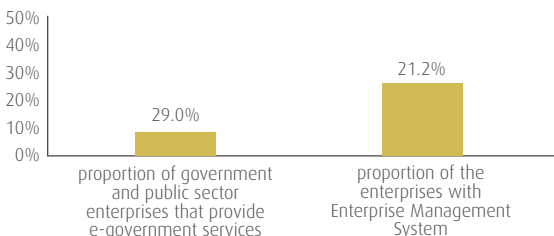
The proportion of government and public sector enterprises that access the internet using narrowband reached about 15.1%, while the government and public sector enterprises that access the internet using fixed broadband reached 86% and the government and public sector enterprises accessing the internet using wireless broadband reached 16.8%.



Source: "survey of ICT usage in government and public Sector", conducted by Ministry of Communications and Information Technology (MCIT) in cooperation with Central Agency for Public Mobilization and Statistics (CAPMAS),2014.

Government and public sector enterprises that provide E-Government and have Enterprise Management System

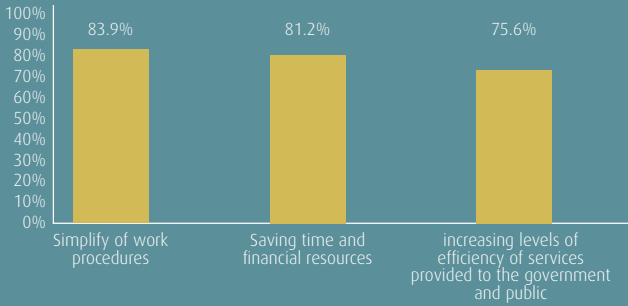
For the government and public sector enterprises that provide e-government services, its proportion accounted for 29%, while the proportion of the enterprises with Enterprise Management System is 21.2%.



Source: "survey of ICT usage in government and public Sector", conducted by Ministry of Communications and Information Technology (MCIT) in cooperation with Central Agency for Public Mobilization and Statistics (CAPMAS),2014.

ICT usage impact on government and public sector

The percentage of enterprises, which used ICT to Simplify of work procedures about 83.9%, while 81.2% of the enterprises used ICT in Saving time and financial resources, 75.6 % in increasing levels of efficiency of services provided to the government and public.

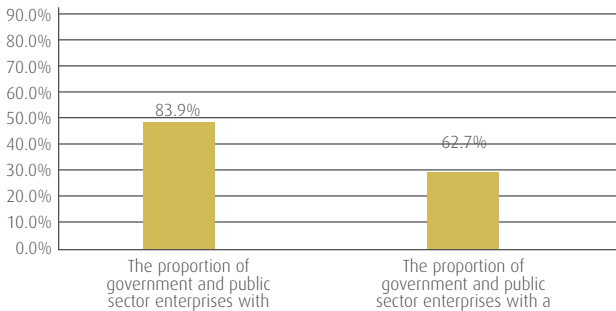


Source: "survey of ICT usage in government and public Sector ", conducted by Ministry of Communications and Information Technology (MCIT) in cooperation with Central Agency for Public Mobilization and Statistics (CAPMAS),2014.



Government and public sector enterprises with e-mail and website.

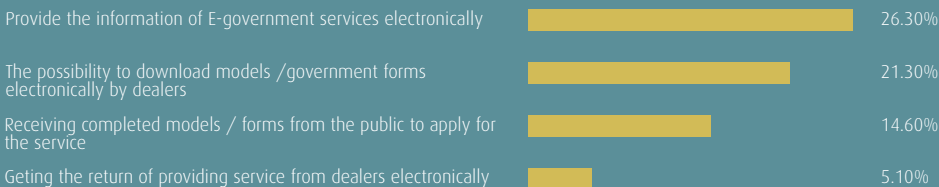
For the government and public sector enterprises with e-mail, its proportion accounted for 83.9 %, while the proportion of the enterprises with a website reached 62.7 %.



Source: "survey of ICT usage in government and public Sector", conducted by Ministry of Communications and Information Technology (MCIT) in cooperation with Central Agency for Public Mobilization and Statistics (CAPMAS),2014.

The forms of e-government services that provided by government and public sector enterprises

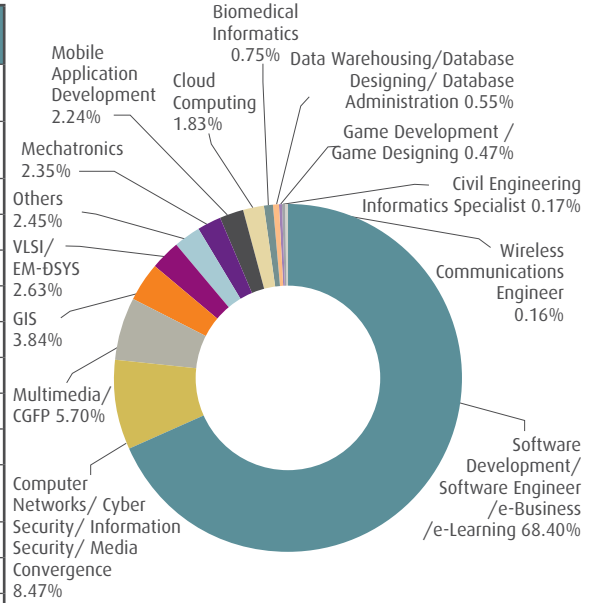
The proportion of enterprises that provide the information of E-government services electronically is 26.3 %, while 21.3 % of the enterprises let the possibility to download models /government forms electronically by dealers, however 14.6 % of enterprises receiving completed models / forms from the public to apply for the service, for government and public sector enterprises that get the return of providing service from dealers electronically is 5.1%



Source: "survey of ICT usage in government and public Sector ", conducted by Ministry of Communications and Information Technology (MCIT) in cooperation with Central Agency for Public Mobilization and Statistics (CAPMAS),2014.

Capacity Building Program Provided by Information Technology Institute (ITI)

Training Track	Sep. 2013	Sep. 2014*
Software Development / Software Engineer / e-Business / e-Learning	5533	6116
Computer Networks / Cyber Security / Information Security / Media Convergence	683	757
Multimedia / CGFP	499	510
GIS	331	343
VLSI / EM-SYS	223	235
Others	219	219
Mechatronics	196	210
Mobile Application Development	41	200
Cloud Computing	128	164
Biomedical Informatics	67	67
Data Warehousing / Database Designing / Database Administration	32	49
Game Development / Game Designing	16	42
Civil Engineering Informatics Specialist	..	15
Wireless Communications Engineer	..	14
Nano-Electronics	8	8
Total	7976	8949



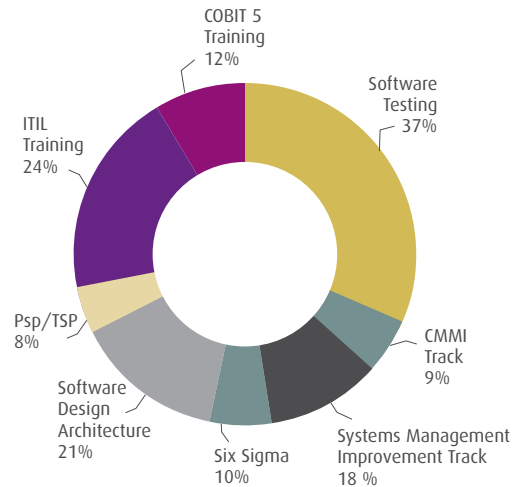
Source: Ministry of Communications and Information Technology (MCIT)- Information Technology Institute (ITI)

* According to the latest figures.

Capacity Building Program Provided by ITIDA *

The total number of graduates in the software field has reached 139 during Q2 2015, distributed as follows:

Track	Number of Attendees
CMMI Track	9
COBIT 5 Training	12
ITIL Training	24
PSP/TSP	8
Six Sigma	10
Software Design Architecture	21
Software Testing	37
Systems Management Improvement Track	18
Total	139



* The total numbers of companies that achieved the CMMI accreditation levels have reached 58 companies.

Source: Ministry of communications and Information Technology (MCIT), Information Technology Industry Development Agency (ITIDA), Software Engineering Competence Center (SECC)

ICT Sector's Infrastructure Indicators

- Mobile subscribers reached 95.06 million in April - June 2015, compared to 100.23 million in April - June 2014, representing an annual change rate of -5.16%.
- Mobile penetration reached 109.60 % in April - June 2015, compared to 117.71% in April - June 2014, representing an annual change rate of -8.11%.
- Mobile Internet subscriptions reached 24.08 million in April - June 2015, compared to 19.25 million in April - June 2014, representing an annual change rate of 25.09 %.
- USB Modem subscriptions reached 4.11 million in April - June 2015 compared to 3.83 million in April - June 2014 representing an annual change rate of 7.37 %.
- ADSL subscribers reached 3.51 million in April - June 2015, compared to 2.87 million in April - June 2014, representing an annual change rate of 22.2%

ICT sectors' Role in Development

- The percentage of government and public sector enterprises with fixed telephone reached 100% while the percentage of government and public sector enterprises using computer reached 99.8%.
- The percentage of government and public sector enterprises that has access to the internet Fixed broadband reached 86% .
- The total number of Telecenters reached 15 Telecenters by the end of April - June 2015.
- The total number of graduates from the International Computer Driving License (ICDL) program reached 22178 graduates by the end of April - June 2015.
- The number of graduates to receive software training April - June 2015 was 139 graduates.