



Arab Republic of Egypt
Ministry of Communications
and Information Technology



ICT Indicators Annual Report

2012–2016

Infrastructure Indicators
ICT Sector's Economic Indicators
ICT Sector's Role in Development

Infrastructure Indicators

Mobile and Fixed Telephone Lines

- Fixed and Mobile Lines Subscriptions
- Fixed lines and Mobile Penetration



Internet

- Estimated Internet Users and Internet Penetration
- Mobile Internet and USB Modem Subscribers
- International Internet Bandwidth, International Internet Bandwidth per Inhabitant



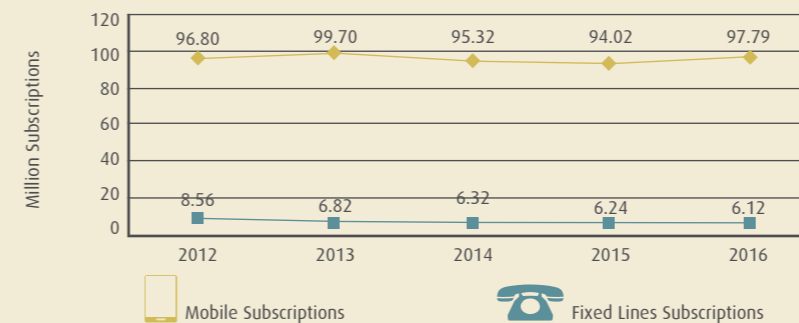
Postal Services

- Post Offices
- Average Number of People Served by Postal Offices
- Number of Pensions Distribution Through Postal Offices, Number of Pensions Distribution Through Postal Offices to Residential Places
- Number of Instant Postal Financial Transfers



Mobile and Fixed Telephone Lines

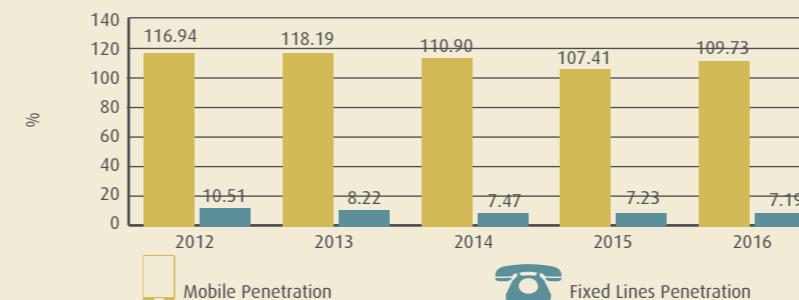
Fixed and Mobile Lines Subscriptions



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

- Change rate of mobile subscriptions 2016 compared to 2015: 4.02%
- Average annual growth rate mobile subscription during (2012–2016): 3.46%

Fixed Lines and Mobile Penetration

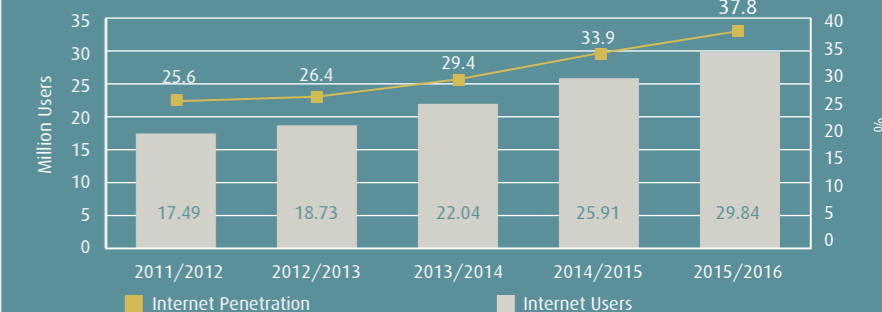


Source: Ministry of Communications and Information Technology, National Telecom Regulatory Authority, Telecom Egypt

- Change rate of mobile penetration 2016 compared to 2015: 2.32%
- Average annual growth rate of mobile penetration during (2012–2016): 1.40%

Internet

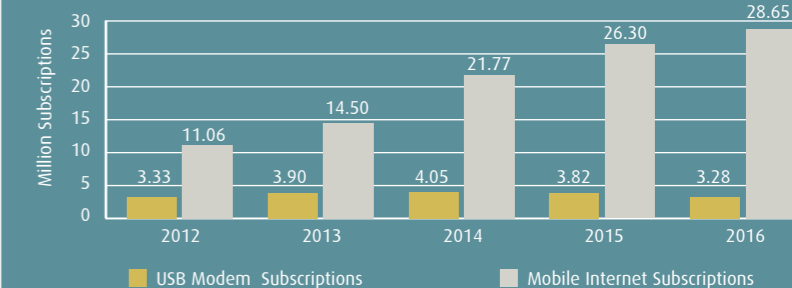
Estimated Internet Users and Internet Penetration



Source: According to annual survey conducted by CAPMS and MCIT for measuring ICT access and use by households and individuals

- Growth rate of estimated internet users 2015/2016 compared to 2014/2015: 15.15%
- Average annual growth rate of estimated internet users during (2011/2012–2015/2016): 16.10%

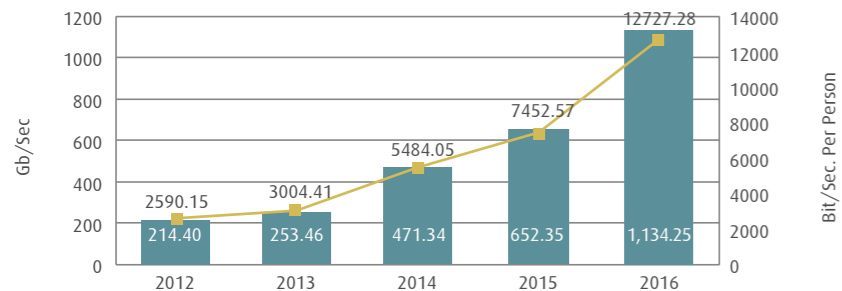
Mobile Internet and USB Modem



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

- Growth rate of Mobile internet users in 2016 compared to 2015: 8.93%
- Growth rate of USB Modem subscribers in 2016 compared to 2015: -14.14%
- The number of ADSL Subscribers in 2016: 4.44 Million Subscriptions

International Internet Bandwidth



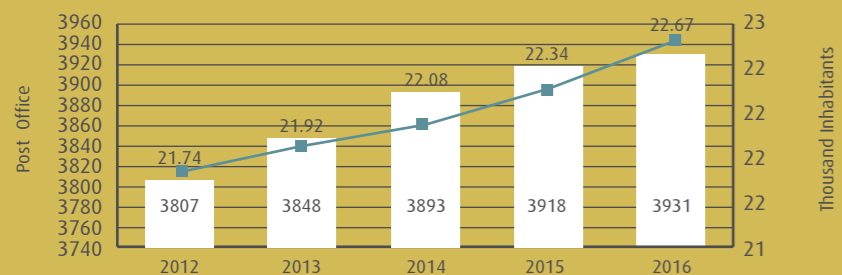
■ International Internet Bandwidth per Inhabitant ■ International Internet Bandwidth

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

- Growth rate of international internet bandwidth 2016 compared to 2015: 73.9%
- Average annual growth rate of international internet bandwidth during (2012-2016): 46.87%
- Growth rate of international internet bandwidth per inhabitant 2016 compared to 2015: 70.8%
- Average annual growth rate of international internet bandwidth per inhabitant during (2012-2016): 44.17%

Postal Services

Number of Post Offices

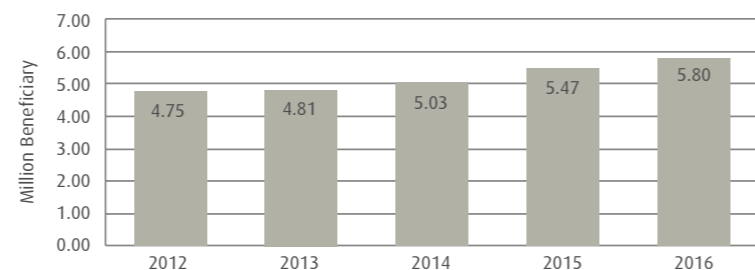


■ Average Number of People Served by Postal Offices ■ Number of Post Offices

Source: Ministry of Communications and Information Technology, Egypt Post

- Growth rate of number of post offices 2016 compared to 2015: 0.33%
- Average annual growth rate of number of post offices during (2012-2016): 0.74%
- Growth rate of average number of people served by postal offices in 2016 compared to 2015: 1.48%
- Average annual growth rate of average number of people served by postal offices during (2012-2016): 1.13%

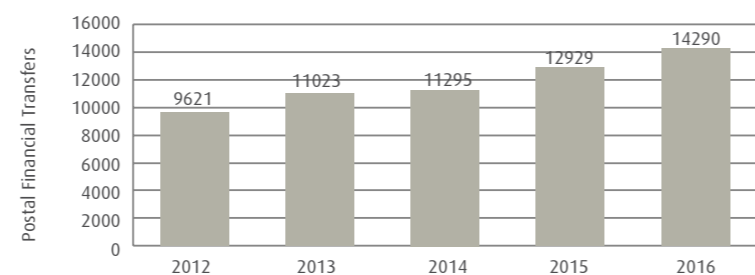
Number of Pensions Distribution Through Postal Offices



Source: Ministry of Communications and Information Technology, Egypt Post

- Growth rate of number of pension's distribution through postal offices in 2016 compared to 2015: 6.03%
- Average annual growth rate of number of pensions distribution through postal offices during (2012-2016): 3.96%

Number of Instant Postal Financial Transfers



Source: Ministry of Communications and Information Technology, Egypt Post

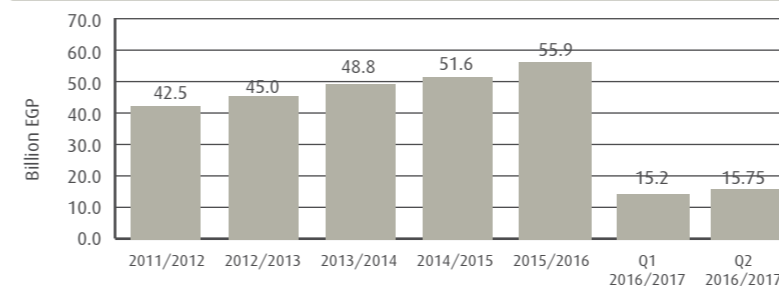
- Growth rate of number of instant postal financial transfers 2016 compared to 2015: 10.53%
- Average annual growth rate of instant postal financial transfers during (2012-2016): 13.3%



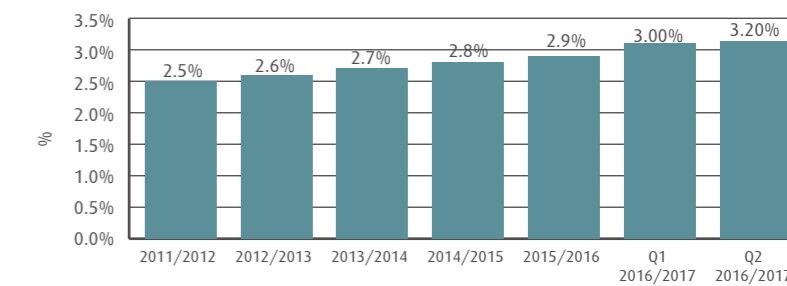
ICT Sector's Economic Indicators

- ICT GDP at Fixed Prices
- Annual Growth Rate of ICT GDP
- ICT Sector's Contribution to GDP
- The contribution of ICT sector to the treasury

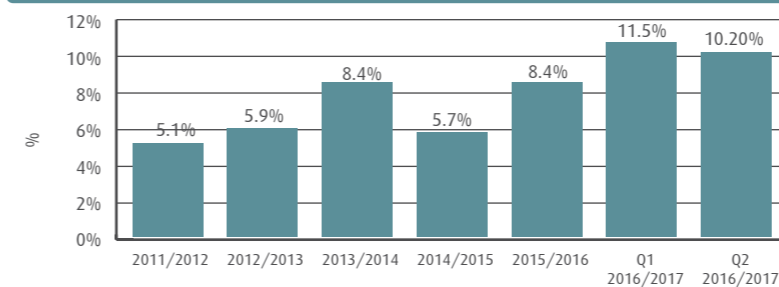
ICT GDP at Fixed Prices



Annual Growth Rate of ICT GDP



ICT Sector's Contribution to GDP



The Contribution of ICT Sector to the Treasury



ICT Sector's Role In Development



First: Household and Individuals

- Infrastructure for the use of communications and information technology in Egyptian House Hold
- Households Internet access at home by mode of access
- computer activities undertaken by individuals
- Internet activities undertaken by individuals
- Percentage of individuals (internet users) participating in e-commerce

Second: Government & Public Sector

- ICT Infrastructure in government & public sector
- Government & public sector enterprises connected to the internet by mode of access
- Activities undertaken by government & public sector enterprises using the computers
- Activities undertaken by government & public sector enterprises using the internet
- e-Government Services provided by government and public sector enterprises

Third: Private Sector

- ICT Infrastructure in private sector enterprises
- Enterprises connected to the internet by mode of access
- Activities undertaken by enterprises using the computers
- Activities undertaken by private sector enterprises using the internet
- Enterprises that make online sales according to business size

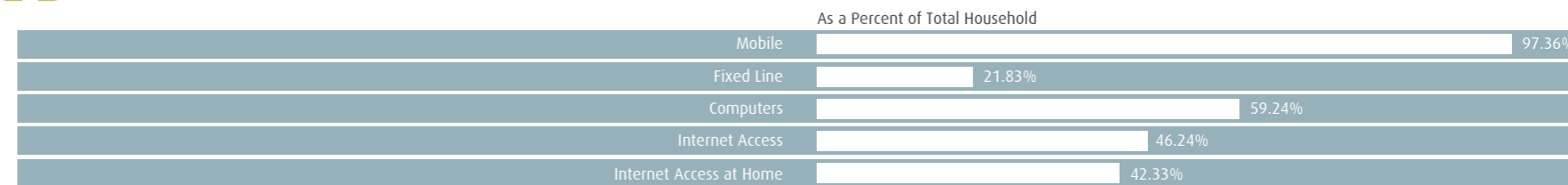
Fourth: Impact of Using ICT

- ICT impact on private sector
- ICT impact on government & public sector



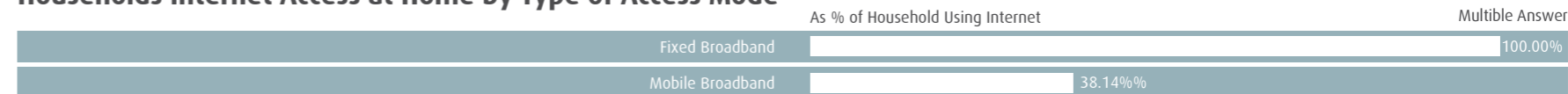
First: Household and Individuals

Infrastructure for the Use of Communications and Information Technology in Egyptian House Hold



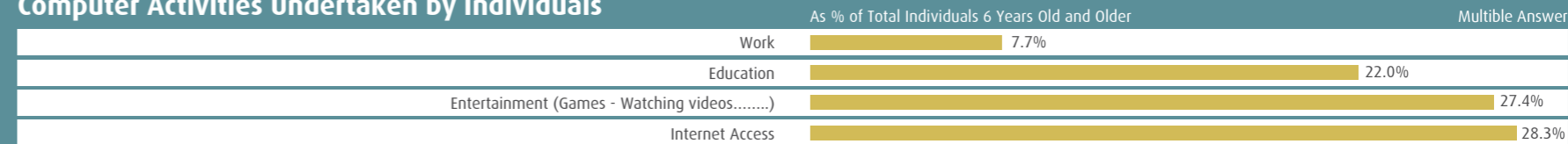
*source: "survey of ICT usage in Household and Individuals ", conducted by Ministry of Communications and Information Technology (MCIT) in cooperation with Central Agency for Public Mobilization and Statistics (CAPMAS),2015

Households Internet Access at Home by Type of Access Mode



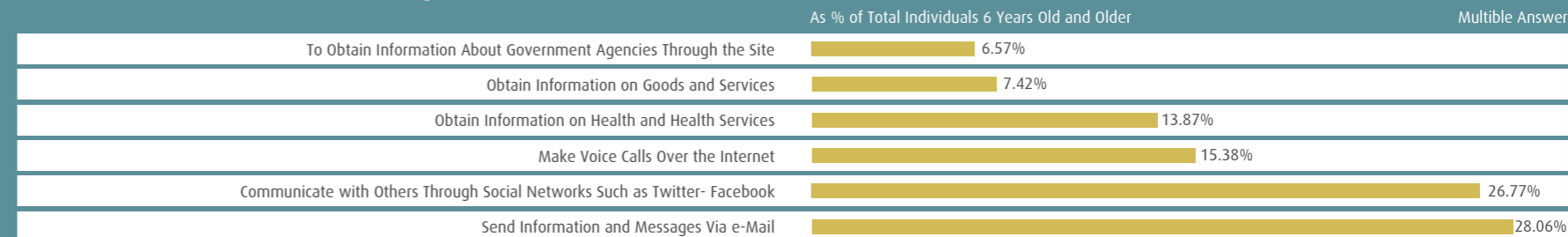
*source: "survey of ICT usage in Household and Individuals ", conducted by Ministry of Communications and Information Technology (MCIT) in cooperation with Central Agency for Public Mobilization and Statistics (CAPMAS),2015

Computer Activities Undertaken by Individuals



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Internet Activities Undertaken by Individuals



*source: "survey of ICT usage in Household and Individuals ", conducted by Ministry of Communications and Information Technology (MCIT) in cooperation with Central Agency for Public Mobilization and Statistics (CAPMAS),2015

Percentage of Individuals Participating in e-Commerce

	As % of Total Individuals 6 Years Old and Older Using Internet	Multiple Answer
Purchasing or Ordering Goods or Services	2.2	
Getting Information About Goods or Services	19.6	

*Source: "survey of ICT usage in Household and Individuals", conducted by Ministry of Communications and Information Technology (MCIT) in cooperation with Central Agency for Public Mobilization and Statistics (CAPMAS), 2015



Second: Government & Public Sector

Infrastructure in Government & Public Sector

Fixed Phone	100
Computer	99.9
Using Internet	94.1
Mobile	40.3

*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), 2015

Government & Public Sector Enterprises Connected to the Internet by Mode of Access

	As % of Total Enterprises	Multiple Answer
Fixed Broadband	91.4	
Wireless Broadband	19.3	
Narrowband	8.3	

*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), 2015

Activities Undertaken by Government & Public Sector Enterprises Using the Computers

	As % of Total Enterprises	Multiple Answer
Office Buisne	97	
Management of Financial and Administrative Buisness	87.4	
The Development and Automation of the Buisness	84.6	
Buisness Administration and Following Up Projects and Plans	70.9	

*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), 2015

Activities Undertaken by Government & Public Sector Enterprises

	As % of Total Enterprises Using Internet	Multiple Answer
Buying Goods and Services	7.8	
Internet Banking	17.4	
Technical and Financial Offers Publication	21.8	
Downloading Software and Application	49.6	
Research & Development and Getting Information	61.6	
Media Publication	63.4	
Data and File Exchange	70.3	
Sending and Receiving e-Mail	86	

*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), 2015

E-Government Services Provided by Government and Public Sector Enterprises

	As % of Total Enterprises	Multiple Answer
Providing Information about Electronic Governmental Services	25.1	
Users Can Download Government Forms/Applications Onlin	18.7	
Receiving Forms/Applications From Users Electronically	10.9	
Collecting Government Service Fees Electronically From Users	3.1	

*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), 2015



Third: Private Sector

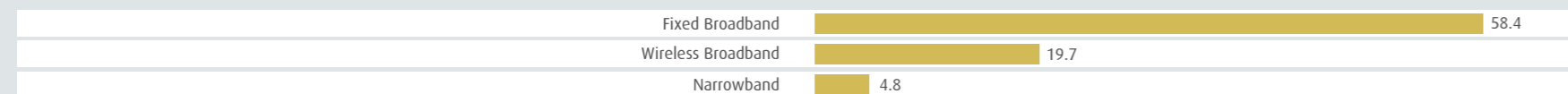
ICT Infrastructure in Private Sector Enterprises

Fixed Line	80.9
Computer	79.9
Using Internet	59.9
Mobile	50

Source: survey of ICT usage in private sector enterprises", conducted by Ministry of Communications and Information Technology (MCIT) in cooperation with Central Agency for government & public Mobilization and Statistics (CAPMAS), 2016.

Enterprises Connected to the Internet by Mode of Access

Multiple Answer



Source: survey of ICT usage in private sector enterprises", conducted by Ministry of Communications and Information Technology (MCIT) in cooperation with Central Agency for government & public Mobilization and Statistics (CAPMAS), 2016

Activities Undertaken by Enterprises Using the Computers

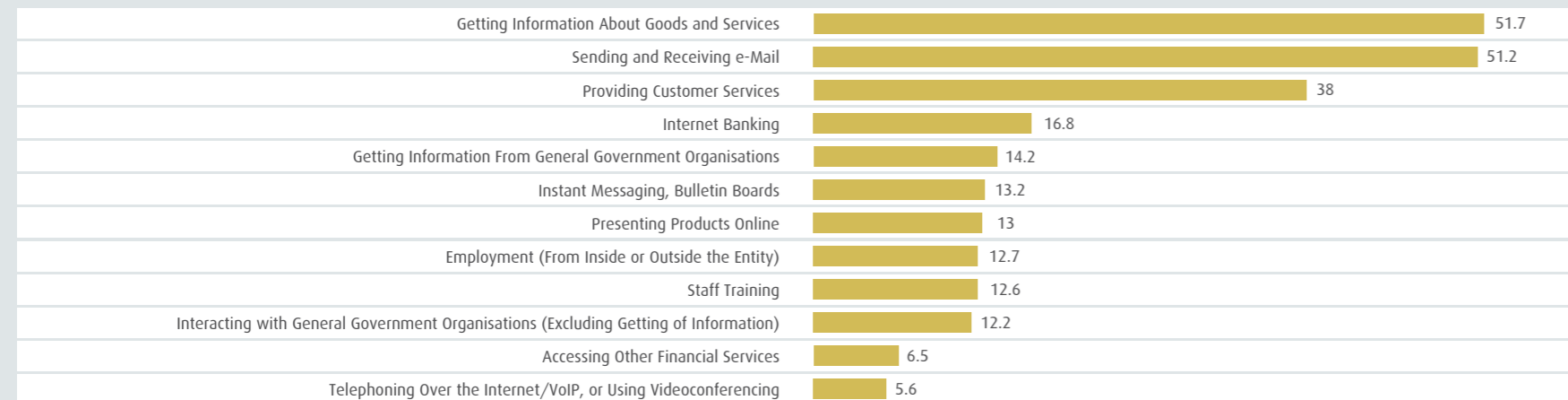
Multiple Answer



Source: survey of ICT usage in private sector enterprises", conducted by Ministry of Communications and Information Technology (MCIT) in cooperation with Central Agency for government & public Mobilization and Statistics (CAPMAS), 2016

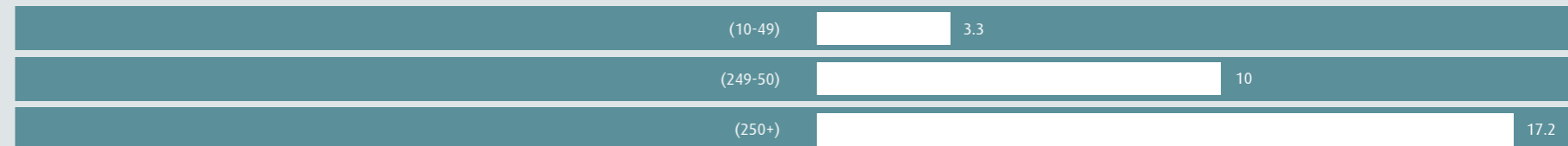
Activities Undertaken by Private Sector Enterprises Using the Internet

Multiple Answer



Source: survey of ICT usage in private sector enterprises", conducted by Ministry of Communications and Information Technology (MCIT) in cooperation with Central Agency for government & public Mobilization and Statistics (CAPMAS), 2016

Enterprises that Make Online Sales According to Business Size (Number of Employees)



Source: survey of ICT usage in private sector enterprises", conducted by Ministry of Communications and Information Technology (MCIT) in cooperation with Central Agency for government & public Mobilization and Statistics (CAPMAS), 2016



Fourth: Impact of Using ICT

ICT Impact on Private Sector

Multiple Answer



Source: survey of ICT usage in private sector enterprises", conducted by Ministry of Communications and Information Technology (MCIT) in cooperation with Central Agency for government & public Mobilization and Statistics (CAPMAS), 2016

ICT Usage Impact on Government & Public Sector

As % of Total Enterprises

Multiple Answer



*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), 2015