



Arab Republic of Egypt
Ministry of Communications
and Information Technology



ICT Indicators Annual Report

2014–2018

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 Per Inhabitant



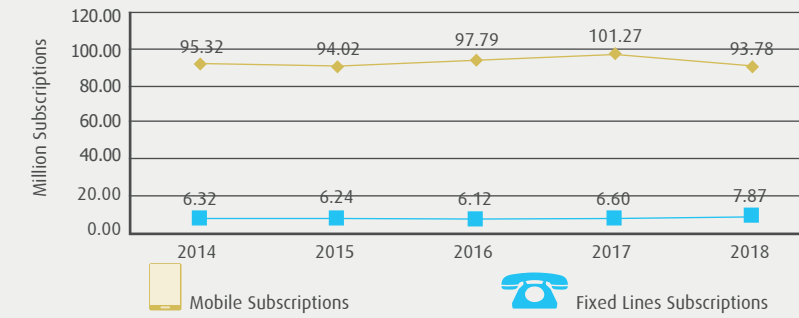
Postal Services

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



Mobile and Fixed Telephone Lines

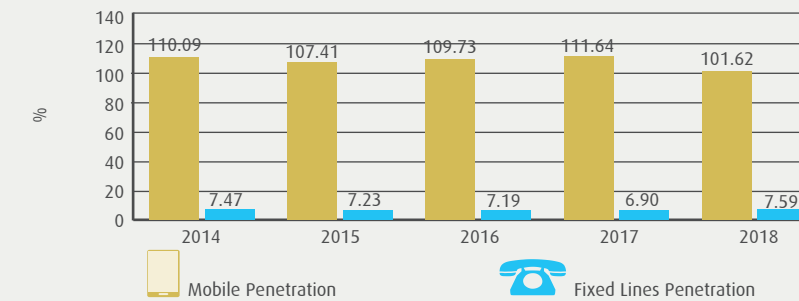
Fixed and Mobile Lines Subscriptions



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

- Change rate of mobile subscriptions 2018 compared to 2017: -7.39%
- Average annual change rate mobile subscription during (2014 -2018): -1.12%

Fixed lines and Mobile Penetration

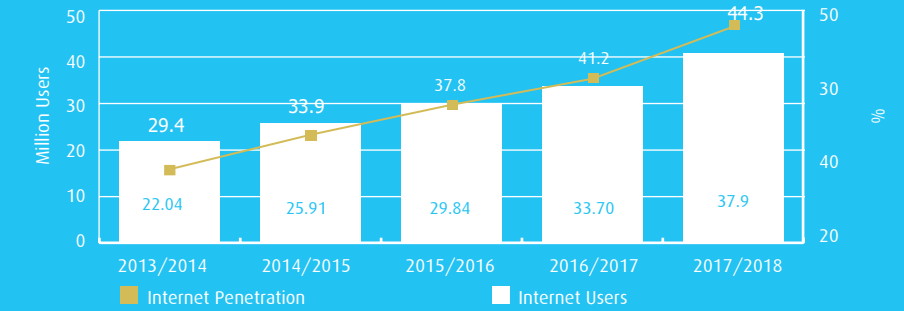


Source: Ministry of Communications and Information Technology, National Telecom Regulatory Authority, and Telecom Egypt

- Change rate of mobile penetration 2018 compared to 2017: -10.03%
- Average annual change rate of mobile penetration during (2014 - 2018): -3.31%

Internet

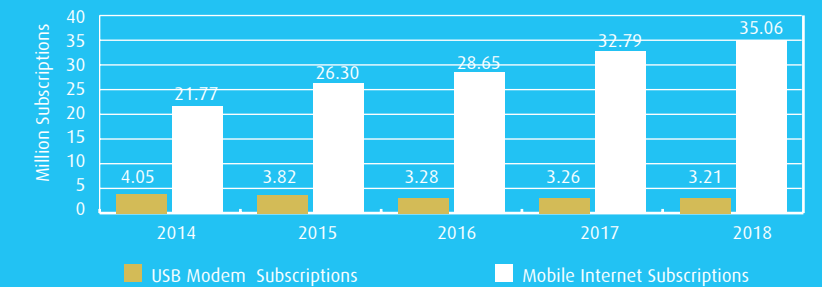
Estimated Internet Users and Internet Penetration



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

- Change rate of estimated internet users 2017/2018 compared to 2016/2017: 12.46%
- Average annual change rate of estimated internet users during (2013/2014 - 2017/2018): 15.16%

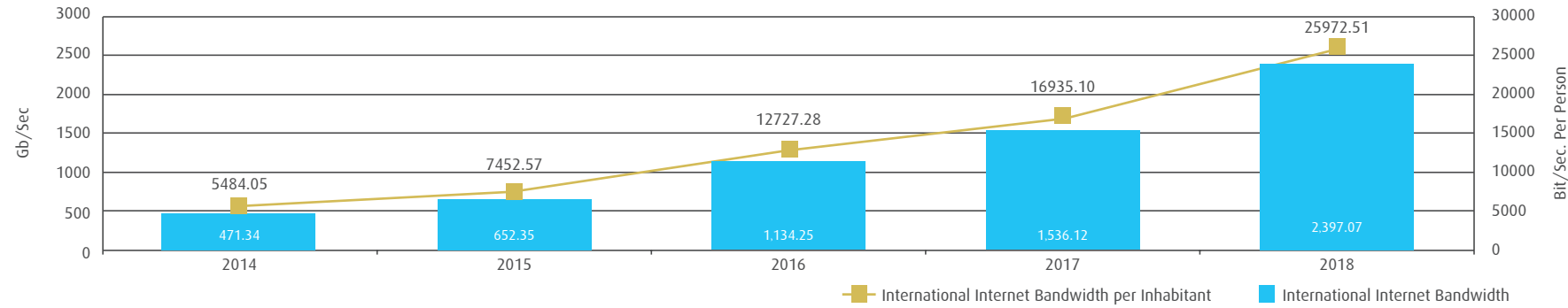
Mobile Internet and USB Modem



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

- Change rate of mobile Internet users in 2018 compared to 2017: 6.93%
- Change rate of USB modem subscribers in 2018 compared to 2017: -1.59%
- The number of ADSL subscribers in 2018: 6.53 million subscriptions

International Internet Bandwidth

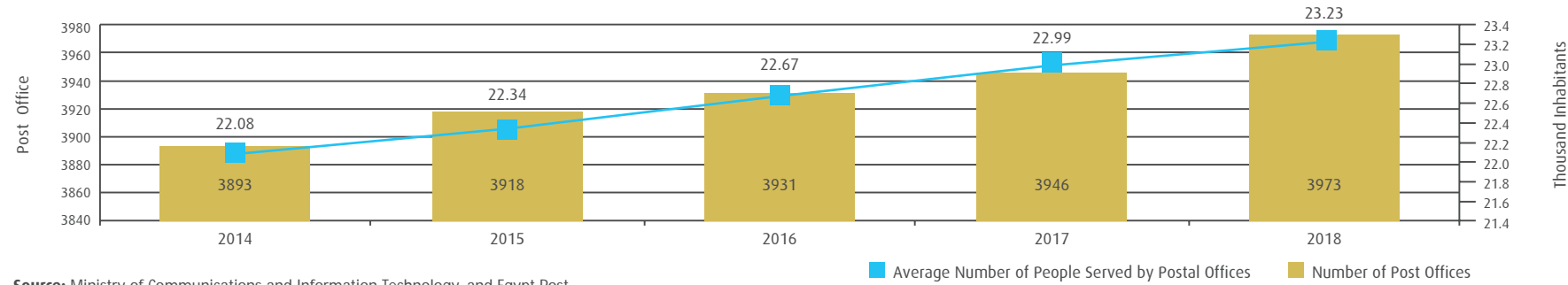


Source: Ministry of Communications and Information Technology, and the National Telecom Regulatory Authority

- Change rate of international Internet bandwidth 2018 compared to 2017: 56%
- Average annual change rate of international Internet bandwidth during (2014 - 2018): 57.94%
- Change rate of international Internet bandwidth per inhabitant 2018 compared to 2017: 53.4%
- Average annual change rate of international Internet bandwidth per inhabitant during (2014 - 2018): 55.13%

Postal Services

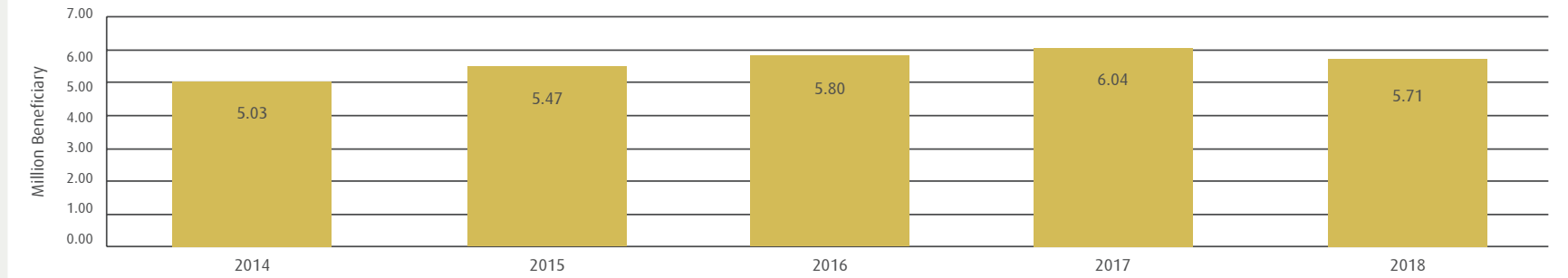
Number of Post Offices



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

- Change rate of number of post offices 2018 compared to 2017: 0.68.
- Average annual change rate of number of post offices during (2014- 2018): 0.64%
- Change rate of average number of people served by postal offices in 2018 compared to 2017: 1.06%
- Average annual change rate of average number of people served by postal offices during (2014- 2018): 1.16%

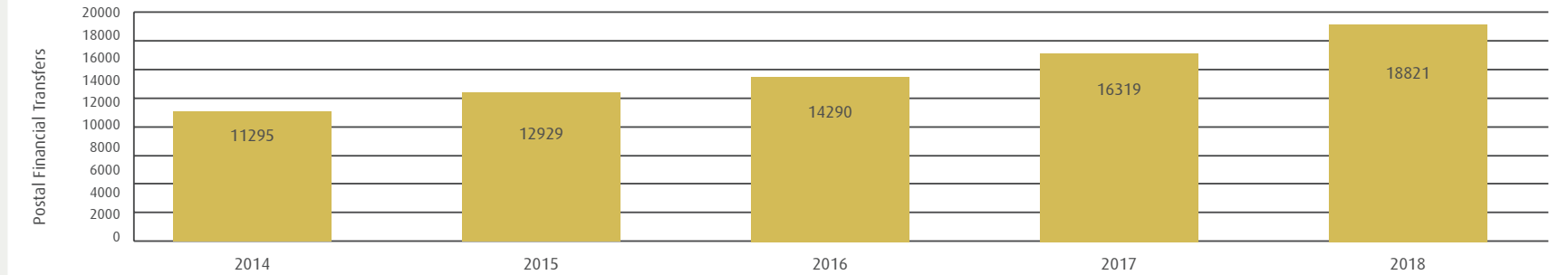
Number of Pensions Distribution Through Postal Offices



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

- Change rate of number of pension's distribution through postal offices in 2018 compared to 2017: -5.46%
- Average annual change rate of number of pensions distribution through postal offices during (2014 - 2018): 3.61%

Number of Instant Postal Financial Transfers

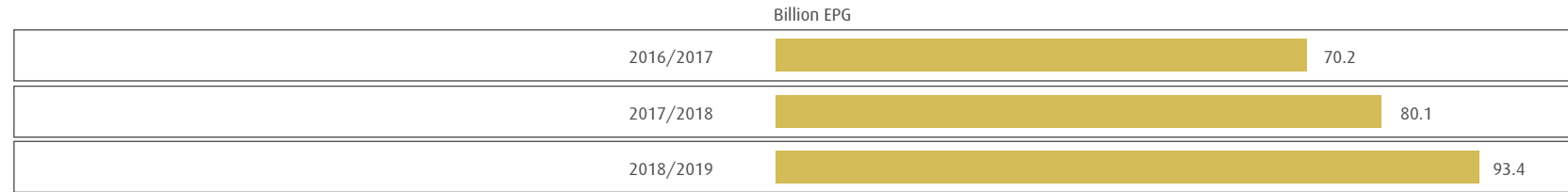


Source: Ministry of Communications and Information Technology, and Egypt Post

- Change rate of number of instant postal financial transfers 2018 compared to 2017: 15.33%
- Average annual change rate of instant postal financial transfers during (2013 - 2017): 11.4%

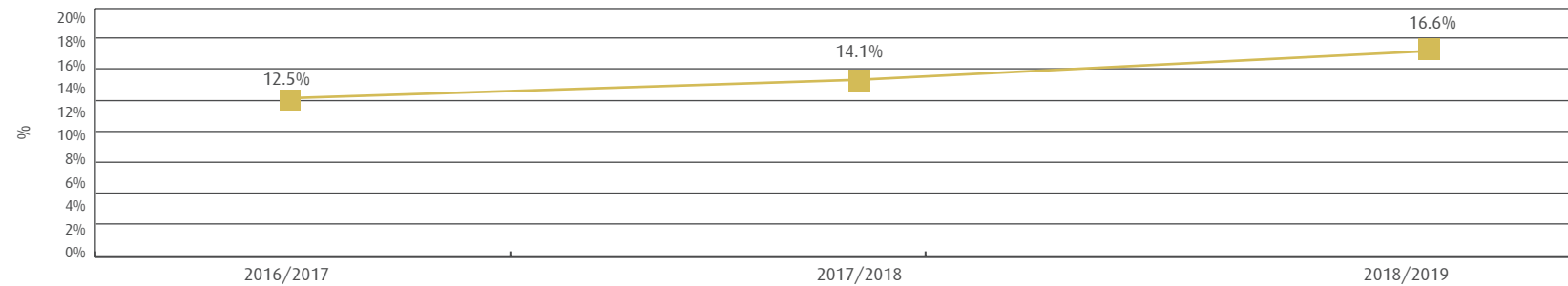
ICT Sector's Economic Indicators

ICT GDP at Fixed Prices



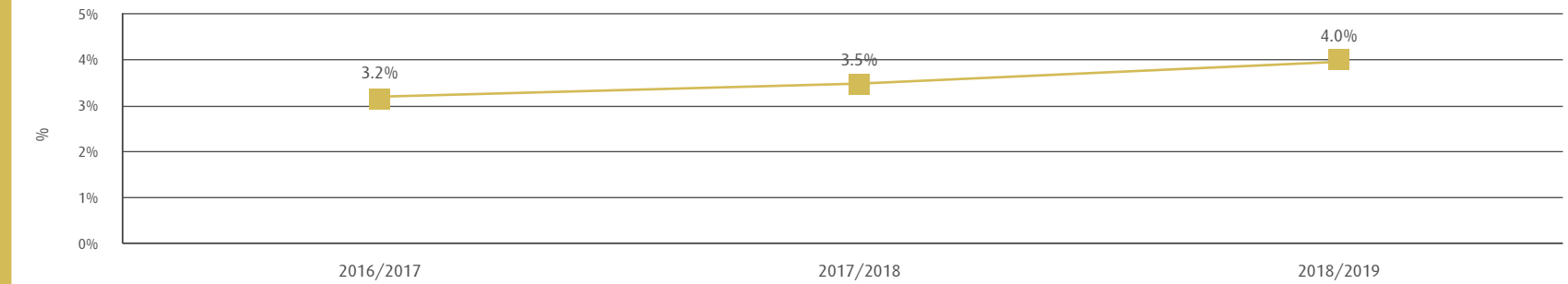
Source: Ministry of Communications and Information Technology

Real ICT Growth Rates



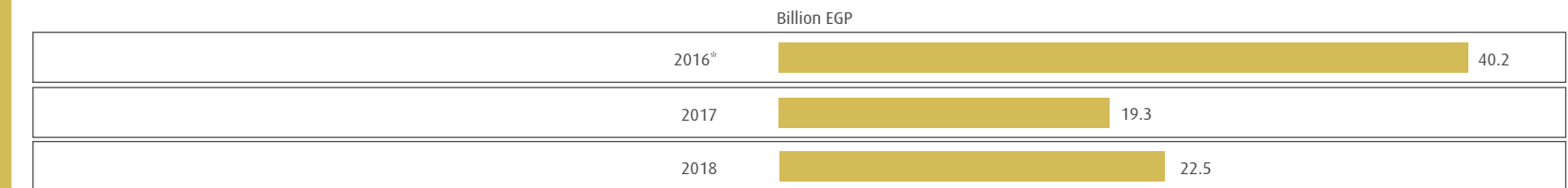
Source: Ministry of Communications and Information Technology

ICT & Electronic Manufacturing Contribution to the Egyptian GDP



Source: Ministry of Communications and Information Technology

ICT Contribution to the National Treasury of Egypt



Source: Ministry of Communications and Information Technology

* By the end of 2016, all mobile operators paid for the license to provide 4G services, and the national and fourth mobile operator TMWE was first introduced to the market; adding around 24 billion EGP to the National Treasury.

ICT Sector's Role In Development Annual Report



First: Household and Individuals

- Infrastructure for the use of communications and information technology in Egyptian households
- Households Internet access at home by mode of access
- ICT usage by household's individuals
- Internet activities undertaken by individuals
- Percentage of individuals (Internet users) participating in e-commerce

Second: Government and Public Sector

- Infrastructure in government and public sector
- Government and public sector enterprises connected to the Internet by mode of access
- Activities undertaken by government and public sector enterprises using the computers
- Activities undertaken by government and public sector enterprises using the Internet
- ICT impact on government and public sector
- 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
- ICT impact on private sector
- Enterprises that make online sales according to business size



First: Household and Individuals

Infrastructure for the Use of Communications and Information Technology in Egyptian Households

As a % of Total Households

Mobile	98.8
Fixed Line	27.4
Computers	65.7
Using Internet	54.5
Internet Access at Home	53.9

Source: "Survey of ICT usage in household and individuals", conducted by the Ministry of Communications and Information Technology (MCIT) in cooperation with the Central Agency for Public Mobilization and Statistics (CAPMAS), 2018-2019

Households Internet Access at Home by Type of Access Mode

As % of Household

Multiple Answer

Fixed Broadband	43.9%
Mobile Broadband	36.98%

Source: "Survey of ICT usage in household and individuals", conducted by the Ministry of Communications and Information Technology (MCIT) in cooperation with the Central Agency for Public Mobilization and Statistics (CAPMAS), 2018-2019

ICT Usage by Household's Individuals

As % of Total Individuals 6 Years Old and Older

Multiple Answer

Using computer	53.3%
Using internet	48.0%
Using cell phone	95.7%
With a cell phone	93.0%
Smartphone	39.2%

Source: "Survey of ICT usage in household and individuals", conducted by the Ministry of Communications and Information Technology (MCIT) in cooperation with the Central Agency for Public Mobilization and Statistics (CAPMAS), 2018-2019

Internet Activities Undertaken by Individuals

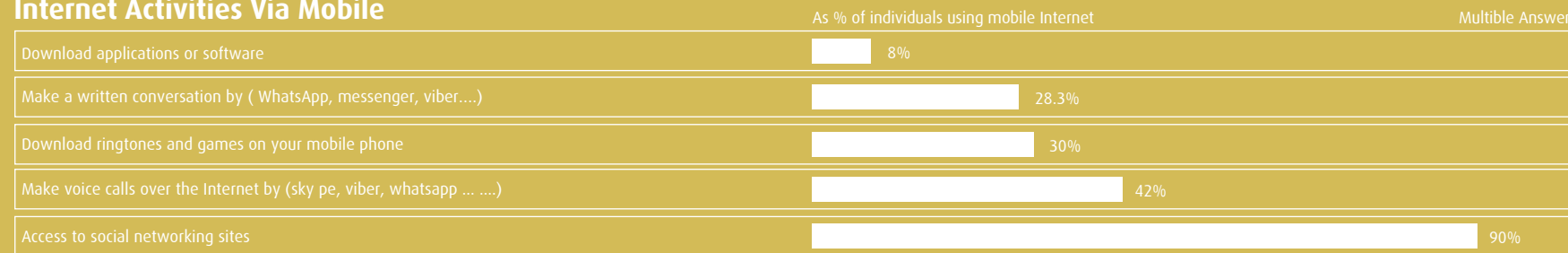
As % of Total Individuals 6 Years Old and Older and Using Internet

Multiple Answer

Send information and messages via e-mail	85.3%
Communicate with others through social networks such as twitter- Facebook	78.3%
Getting information on health and health services	33.0%
Getting information on goods and services	24.7%
Getting information from general government organizations	22.7%

Source: "Survey of ICT usage in household and individuals", conducted by the Ministry of Communications and Information Technology (MCIT) in cooperation with the Central Agency for Public Mobilization and Statistics (CAPMAS), 2018-2019

Internet Activities Via Mobile

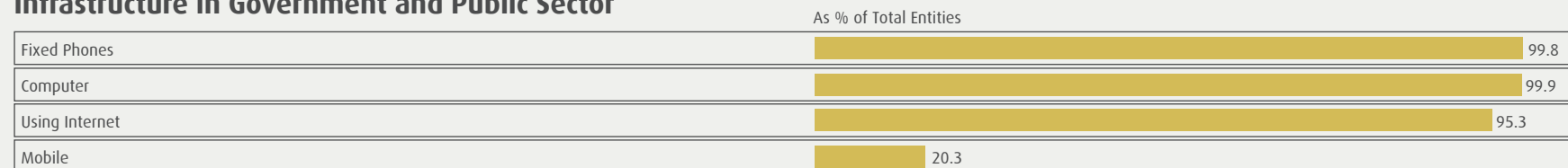


Source: "survey of ICT usage in household and individuals", conducted by the Ministry of Communications and Information Technology (MCIT) in cooperation with the Central Agency for Public Mobilization and Statistics (CAPMAS), 2018-2019



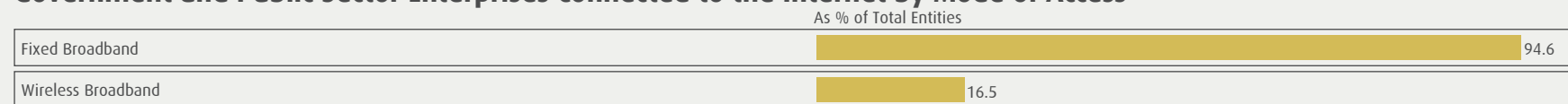
Second: Government & Public Sector

Infrastructure in Government and Public Sector



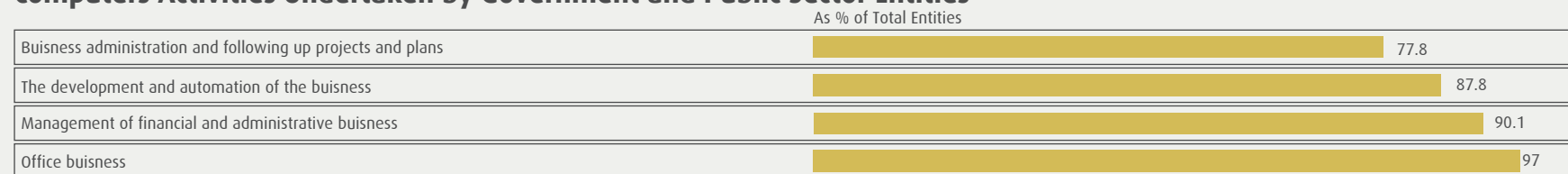
***Source:** "survey of ICT usage in government and public sector enterprises", conducted by Ministry of Communications and Information Technology (MCIT) in cooperation with Central Agency for government and public Mobilization and Statistics (CAPMAS), 2017-2018

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



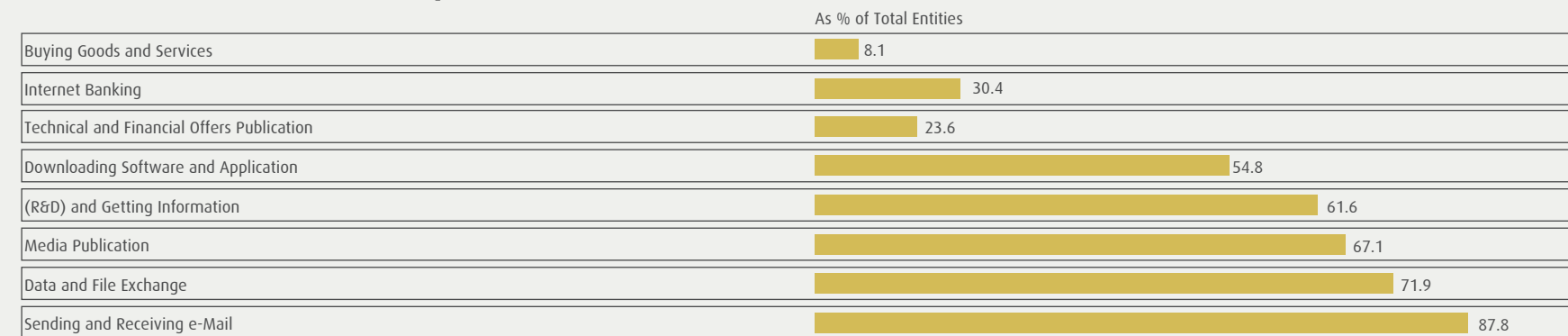
***Source:** "survey of ICT usage in government and public sector enterprises", conducted by Ministry of Communications and Information Technology (MCIT) in cooperation with Central Agency for government and public Mobilization and Statistics (CAPMAS), 2017-2018

Computers Activities Undertaken by Government and Public Sector Entities



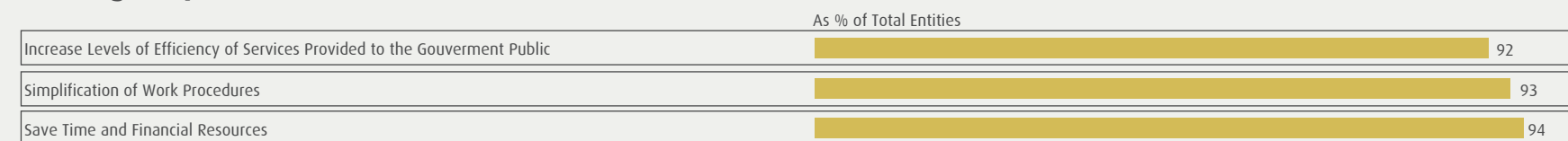
***Source:** "survey of ICT usage in government and public sector enterprises", conducted by Ministry of Communications and Information Technology (MCIT) in cooperation with Central Agency for government and public Mobilization and Statistics (CAPMAS), 2017-2018

Internet Activities Undertaken by Government and Public Sector Entities



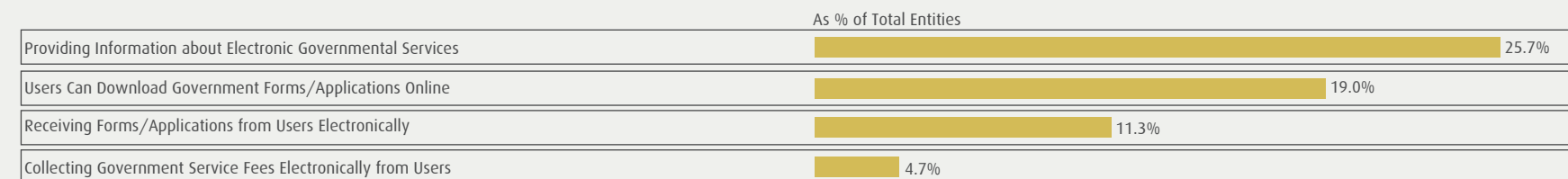
***Source:** "survey of ICT usage in government and public sector enterprises", conducted by Ministry of Communications and Information Technology (MCIT) in cooperation with Central Agency for government and public Mobilization and Statistics (CAPMAS), 2017-2018

ICT Usage Impact on Government and Public Sector



***Source:** "survey of ICT usage in government and public sector enterprises", conducted by Ministry of Communications and Information Technology (MCIT) in cooperation with Central Agency for government and public Mobilization and Statistics (CAPMAS), 2017-2018

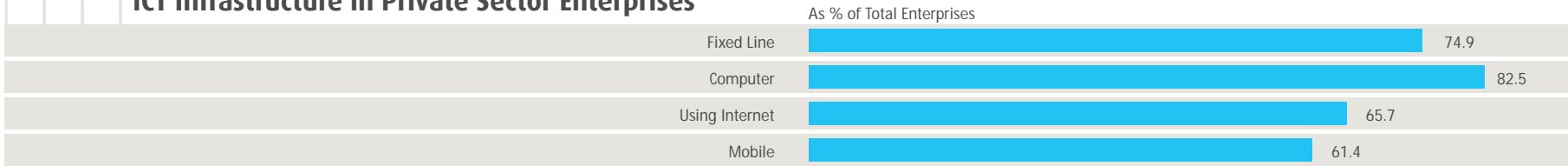
E-Government Services Provided by Government and Public Sector Entities



***Source:** "survey of ICT usage in government and public sector enterprises", conducted by Ministry of Communications and Information Technology (MCIT) in cooperation with Central Agency for government and public Mobilization and Statistics (CAPMAS), 2017-2018

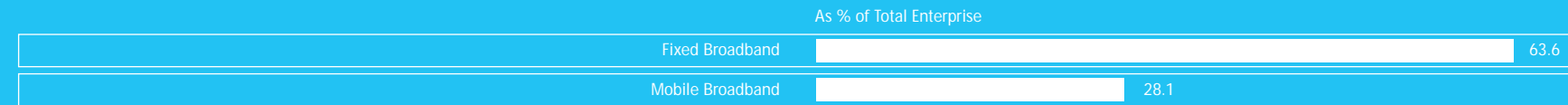


Third: Private Sector ICT Infrastructure in Private Sector Enterprises



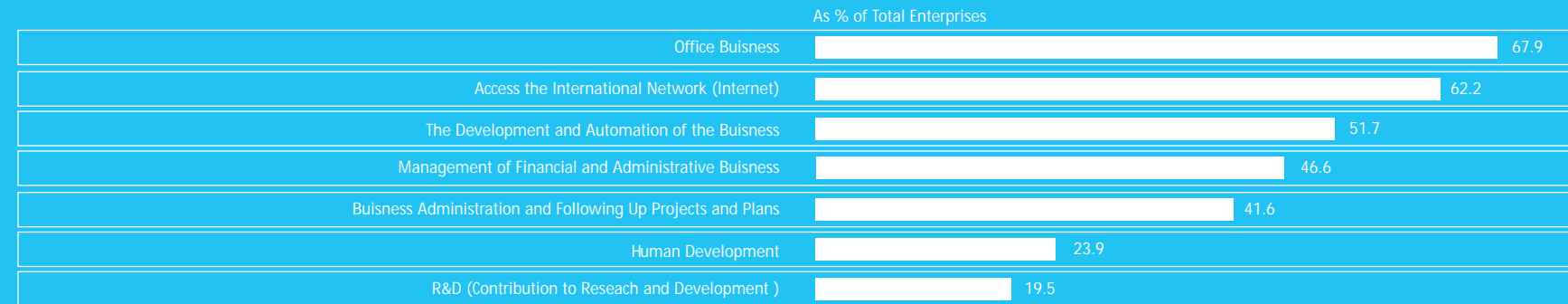
Source: survey of ICT usage in private sector enterprises , conducted by Ministry of Communications and Information Technology (MCIT) in cooperation with Central Agency for government and public Mobilization and Statistics (CAPMAS), 2018-2019

Enterprises Connected to The Internet by Mode of Access



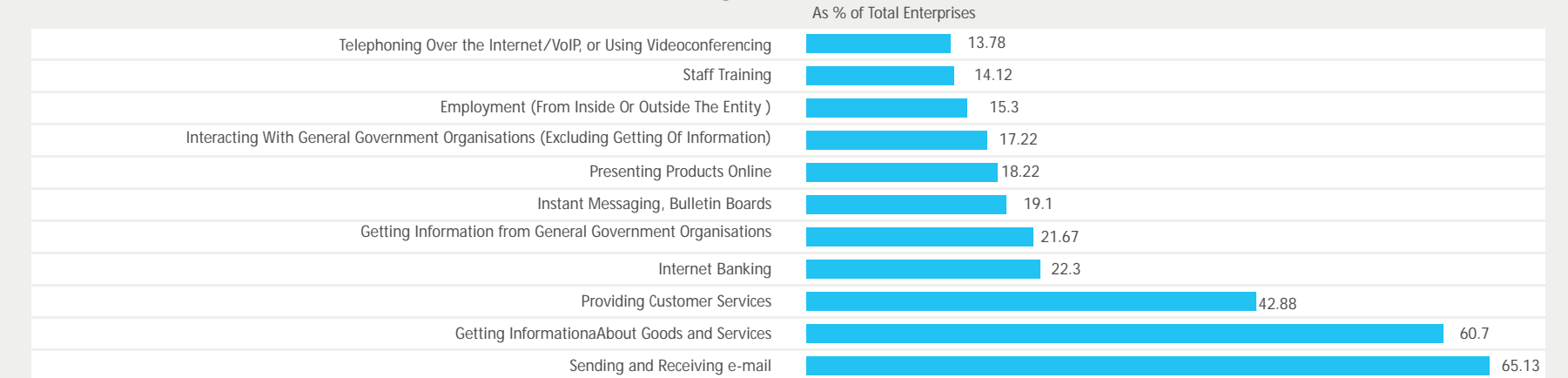
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Activities Undertaken by Enterprises Using Computers



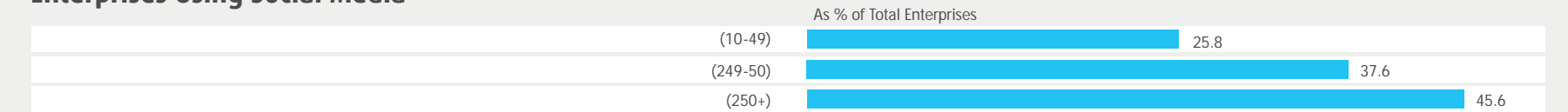
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Activities Undertaken by Private Sector Enterprises Using the Internet



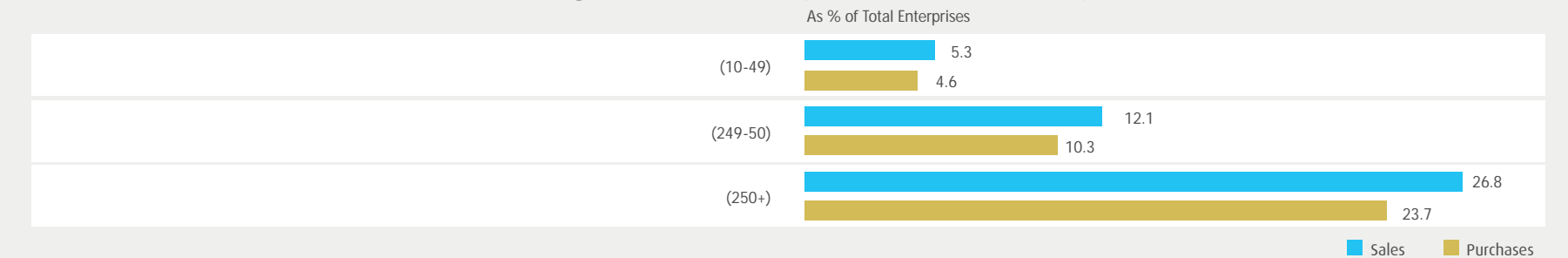
Source: survey of ICT usage in private sector enterprises , conducted by Ministry of Communications and Information Technology (MCIT) in cooperation with Central Agency for government and public Mobilization and Statistics (CAPMAS), 2018-2019

Enterprises Using Social Media



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 and public Mobilization and Statistics (CAPMAS), 2018-2019

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 and public Mobilization and Statistics (CAPMAS), 2018-2019