



Arab Republic of Egypt
Ministry of Communications
and Information Technology



ICT Indicators Annual Report

2010-2014

Infrastructure Indicators
ICT Sector's Role in Development
The Impact of ICT Usage on Different Sectors

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 Subscriptions
- International Internet Bandwidth, International Internet Bandwidth per Inhabitant



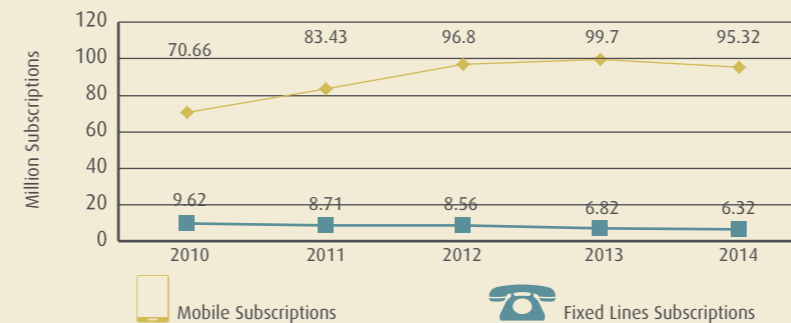
Post

- 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

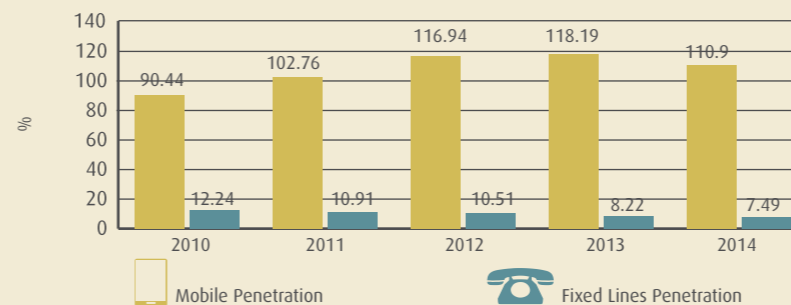
Fixed and Mobile Lines Subscriptions *



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

- Change rate of mobile subscriptions 2014 compared to 2013: -4.40%
- Average annual growth rate mobile subscription during (2010 - 2014): 15.74%

Fixed Lines and Mobile Penetration *



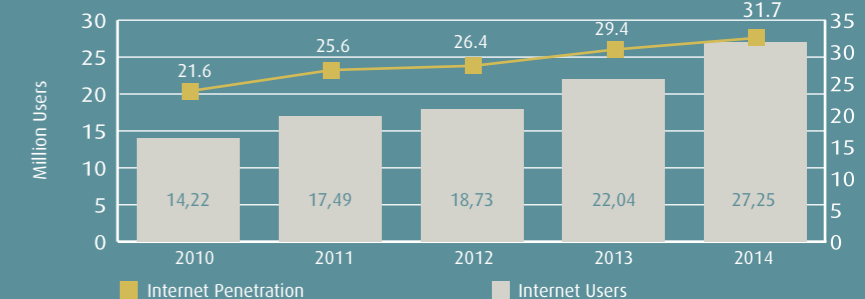
Source: Ministry of Communications and Information Technology, National Telecom Regulatory Authority, Telecom Egypt

- Change rate of mobile penetration 2014 compared to 2013: -7.29*%
- Average annual growth rate of mobile penetration during (2010 - 2014) : 9.35%

* This decline in the number of mobile subscriptions is due to several procedures by the National Telecommunication Regulatory Authority to audit the customer's data, which led to truncation of service for many mobile lines that have no data for its users.

Internet

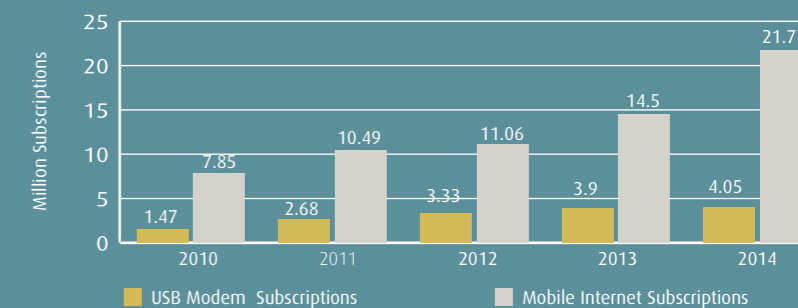
Estimated Internet Users and Internet Penetration *



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

- Growth rate of estimated internet users 2014 compared to 2013: 23.64%
- Average annual growth rate of estimated internet users during (2010 - 2014): 17.85%

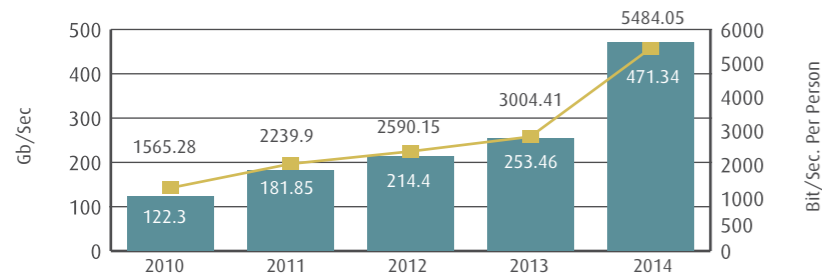
Mobile Internet and USB Modem



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

- Growth rate of Mobile internet users in 2014 compared to 2013: 50.17%
- Growth rate of USB Modem subscribers in 2014 compared to 2013: 3.86%
- The number of ADSL subscribers in 2014: 3.03 million subscriptions

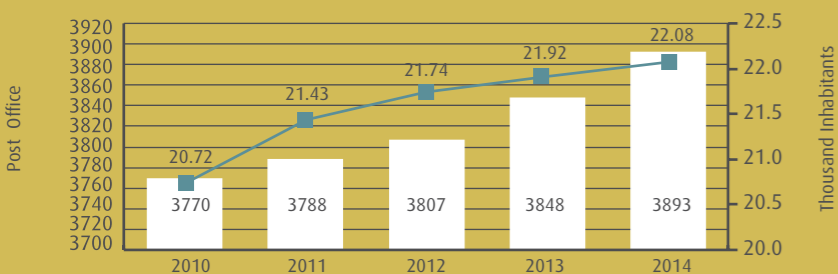
International Internet Bandwidth



- 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 2014 compared to 2013 : 86%
 - Average annual growth rate of international internet bandwidth during (2010 - 2014): 75.95 %
 - Growth rate of international internet bandwidth per inhabitant 2014 compared to 2013: 82.5%
 - Average annual growth rate of international internet bandwidth per inhabitant during (2010 - 2014): 72.24%

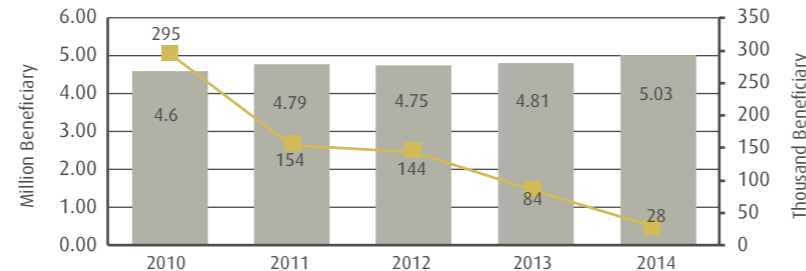
Post

Number of Post Offices



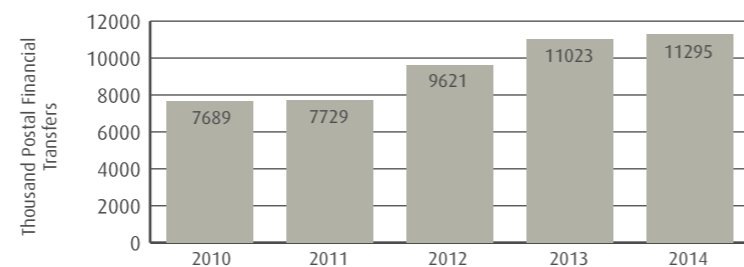
- Average Number of People Served by Postal Offices
 - Number of Post Offices
- Source:** Ministry of Communications and Information Technology, Egypt Post
- Growth rate of number of post offices 2014 compared to 2013: 1.17%
 - Average annual growth rate of number of post offices during (2010- 2014): 0.94%
 - Growth rate of average number of people served by postal offices in 2014 compared to 2013: 0.70%
 - Average annual growth rate of average number of people served by postal offices during (2010- 2014): 1.27%

Number of Pensions Distribution through Postal Offices



- Number of Pensions Distribution through postal Offices to Residential Places
 - Number of Pension's Distribution through Postal Offices
- Source:** Ministry of Communications and Information Technology, Egypt Post
- Growth rate of number of pensions' distribution through postal offices in 2014 compared to 2013: 4.57%
 - Average annual growth rate of number of pensions distribution through postal offices during (2010 - 2014): 6.97%

Number of Instant Postal Financial Transfers



- Source:** Ministry of Communications and Information Technology, Egypt Post
- Growth rate of number of instant postal financial transfers 2014 compared to 2013: 2.46%
 - Average annual growth rate of instant postal financial transfers during (2010 - 2014): 23.68 %

ICT Sector's Role In Development

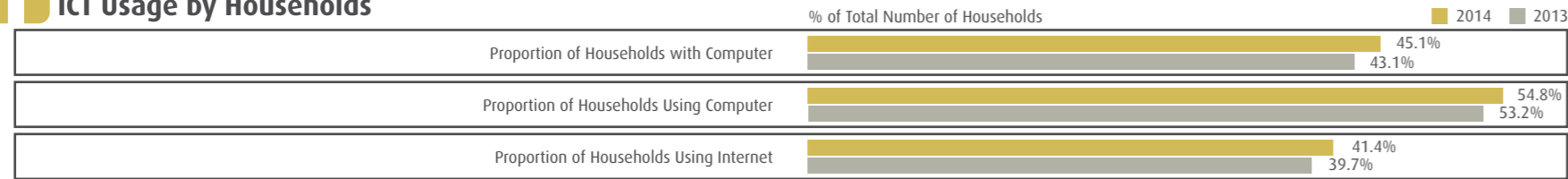
- **Households**
 - ICT Usage by Households
 - Households connected to the Internet from Home by Access Mode
- **Private Sector**
 - ICT Usage by Private Sector
 - Internet Activities Undertaken by Private Sector
 - Types of R&D Applied by Private Sector in the last 5 years
 - The Impact of R&D on Private Sector
- **Government Sector**
 - Uses of ICT in Government sector
 - Internet Activities Undertaken by Government Sector
- **Pre-University Education**
 - Uses of ICT in Pre-University Education
 - Computer Activities Undertaken by Students in Pre-University Education (In Educational Purposes)
 - Internet Activities Undertaken by Students in Pre-University Education (In Educational Purposes)
- **University Education**
 - ICT Usage by Students in University Education
 - Computer Activities Undertaken by Students in University Education
 - Internet Activities Undertaken by Students in University Education

The Impact of ICT Usage on Different Sectors

- **Pre-University Education**
 - ICT Effect of Professors Usage on Improving Student Understanding of Educational Curriculum
- **University Education**
 - ICT Effect of Professors Usage on Improving Student Grades
- **Health Sector**
 - The Impact of Using ICT in Health Sector (Hospitals' Manager Perspective)
 - The Impact of Using ICT in Health Sector (Physicians Perspective)



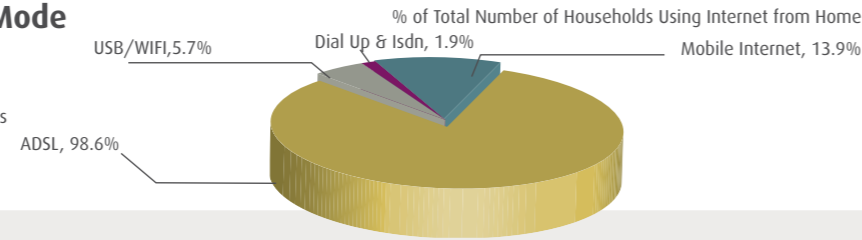
Households ICT Usage by Households



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

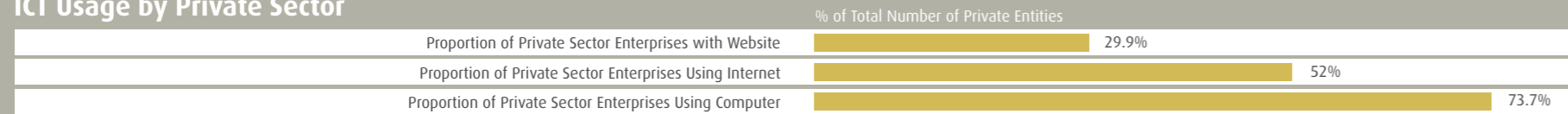
Households connected to the Internet from Home by Access Mode

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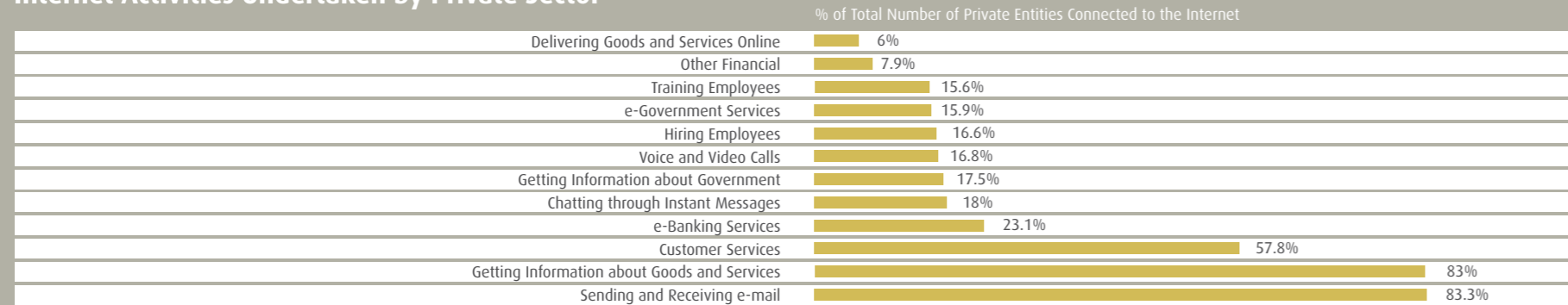
Private Sector

ICT Usage by Private Sector



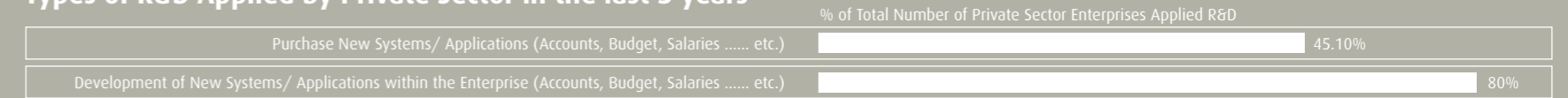
Source: "survey of ICT usage in Businesses ", conducted by Ministry of Communications and Information Technology (MCIT) in cooperation with Central Agency for Public Mobilization and Statistics (CAPMAS), 2014

Internet Activities Undertaken by Private Sector



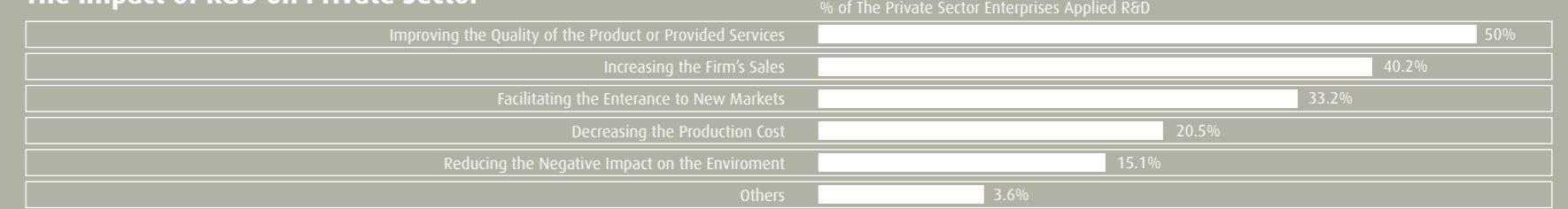
Source: "survey of ICT usage in Businesses ", conducted by Ministry of Communications and Information Technology (MCIT) in cooperation with Central Agency for Public Mobilization and Statistics (CAPMAS), 2014

Types of R&D Applied by Private Sector in the last 5 years



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

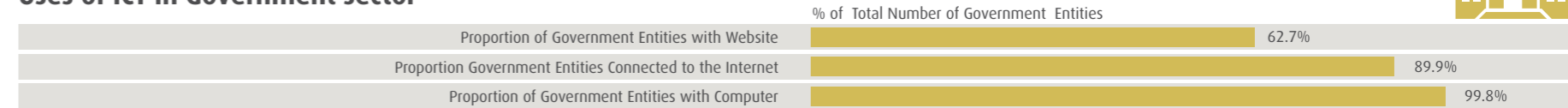
The Impact of R&D on Private Sector



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

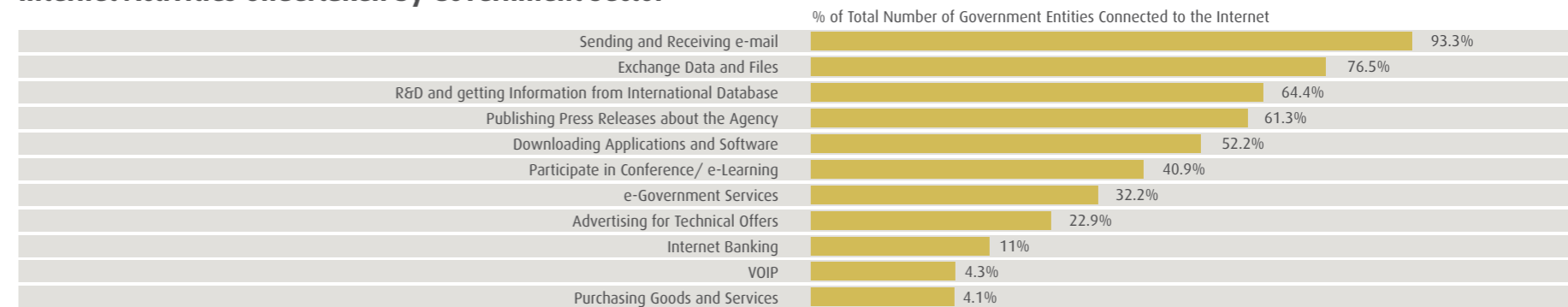
Government Sector

Uses of ICT in Government sector



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

Internet Activities Undertaken by Government Sector

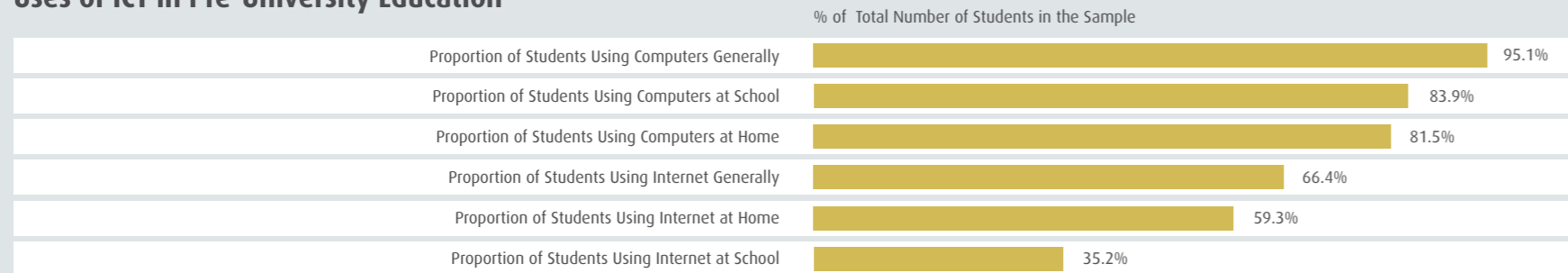


Source: "survey of ICT usage in Government Sector ", conducted by Ministry of Communications and Information Technology (MCIT) in cooperation with Central Agency for Public Mobilization and Statistics (CAPMAS), 2014



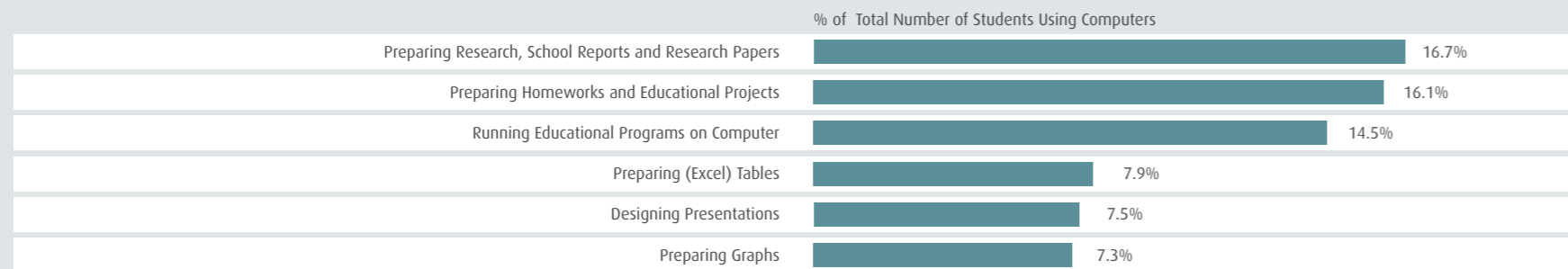
Pre-University Education

Uses of ICT in Pre-University Education



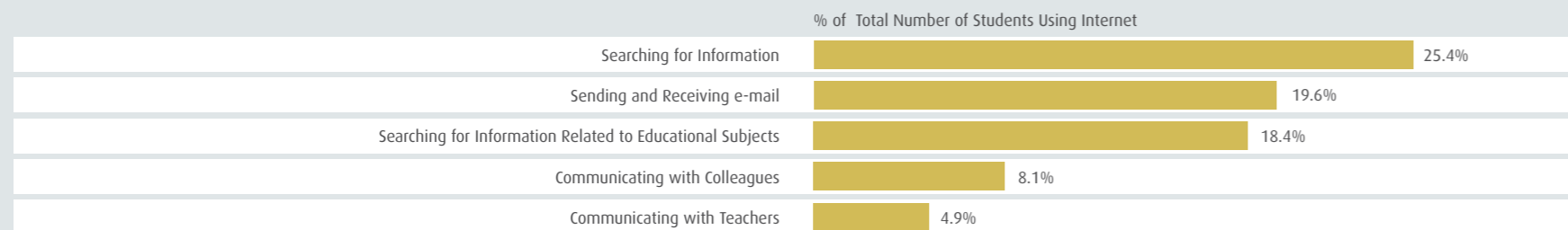
Source: "survey of ICT usage in Pre- University Education ", conducted by Ministry of Communications and Information Technology (MCIT) in cooperation with Central Agency for Public Mobilization and Statistics (CAPMAS), 2014

Computer Activities Undertaken by Students in Pre-University Education (Educational purposes)



Source: "survey of ICT usage in Pre- University Education ", conducted by Ministry of Communications and Information Technology (MCIT) in cooperation with Central Agency for Public Mobilization and Statistics (CAPMAS), 2014

Internet Activities Undertaken by Students in Pre-University Education (Educational purposes)

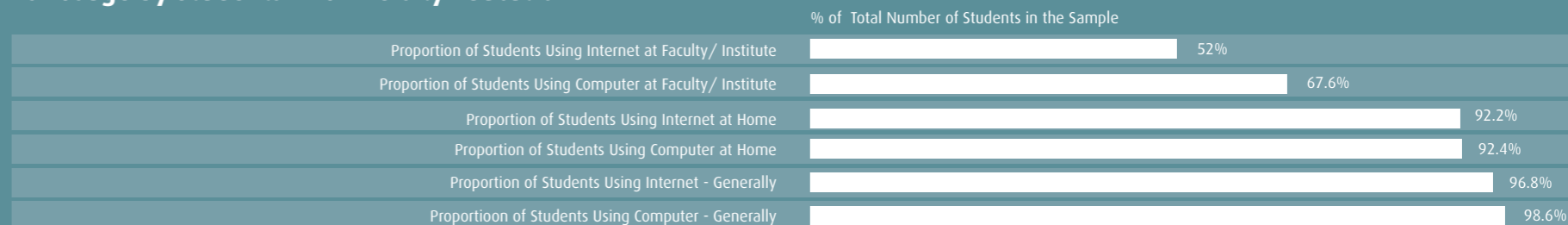


Source: "survey of ICT usage in Pre- University Education ", conducted by Ministry of Communications and Information Technology (MCIT) in cooperation with Central Agency for Public Mobilization and Statistics (CAPMAS), 2014



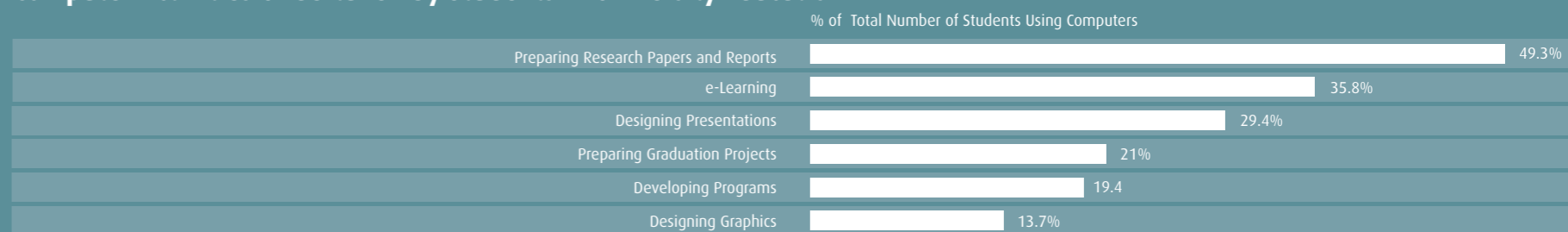
University Education

ICT Usage by Students in University Education



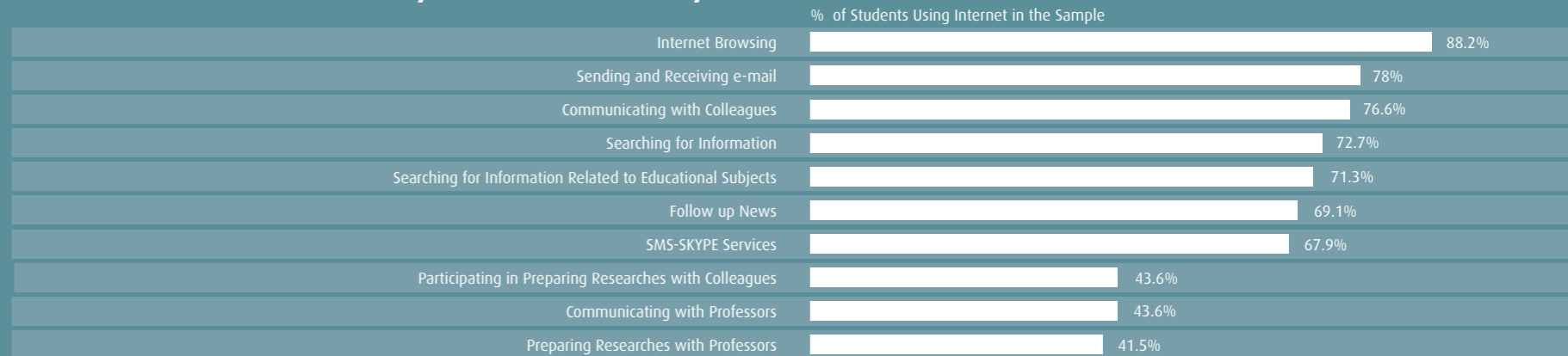
Source: "survey of ICT usage in University Education ", conducted by Ministry of Communications and Information Technology (MCIT) in cooperation with Central Agency for Public Mobilization and Statistics (CAPMAS), 2014

Computer Activities Undertaken by Students in University Education



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Internet Activities Undertaken by Students in University Education



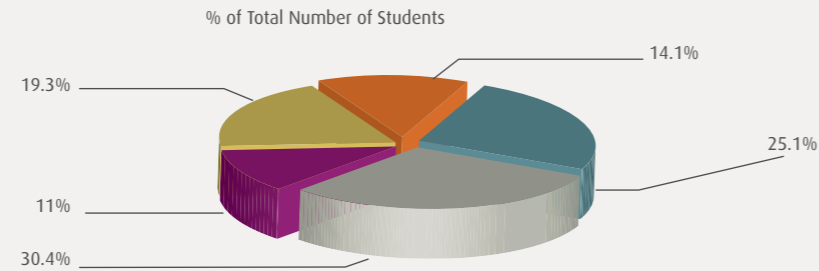
Source: "survey of ICT usage in University Education ", conducted by Ministry of Communications and Information Technology (MCIT) in cooperation with Central Agency for Public Mobilization and Statistics (CAPMAS), 2014

The Impact of ICT Usage on Different Sectors

Pre-University Education

ICT Effect of Professors Usage on Improving Student Understanding of Educational Curriculum

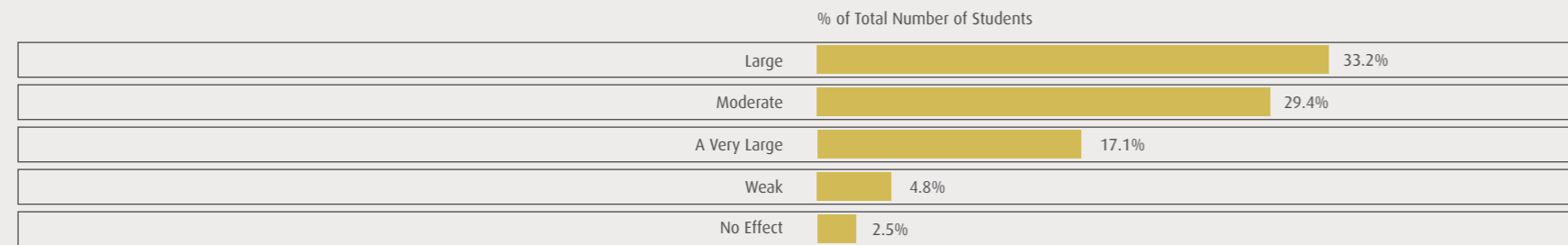
- A Very Large
- Large
- Moderate
- Weak
- No Effect



Source: "survey of ICT usage in Pre- University Education ", conducted by Ministry of Communications and Information Technology (MCIT) in cooperation with Central Agency for Public Mobilization and Statistics (CAPMAS), 2014 , included 9000 students in Pre-University education distributed according to the different education stages

University Education

ICT Effect of Professors Usage on Improving Student Grades

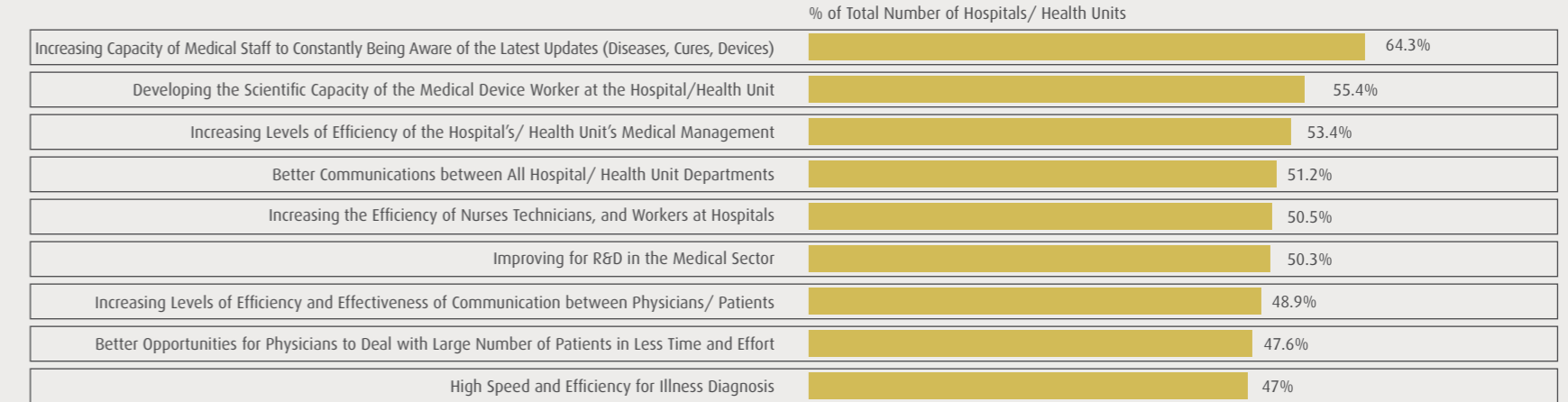


Source: "survey of ICT usage in University Education ", conducted by Ministry of Communications and Information Technology (MCIT) in cooperation with Central Agency for Public Mobilization and Statistics (CAPMAS), 2014 , included 5550 students in University education distributed according to the different education stages



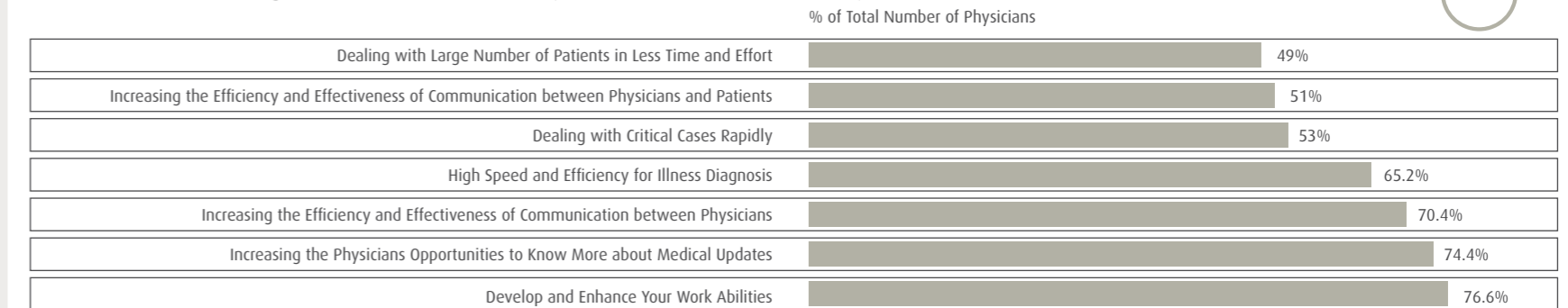
Health Sector

The Impact of Using ICT in Health Sector (Hospital's/ Health Units' Managers Perspective)



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

The Impact of Using ICT in Health Sector (Physicians' Perspective)



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