



September 2016

For the year ended 2015

## Composition of the ICT Sector

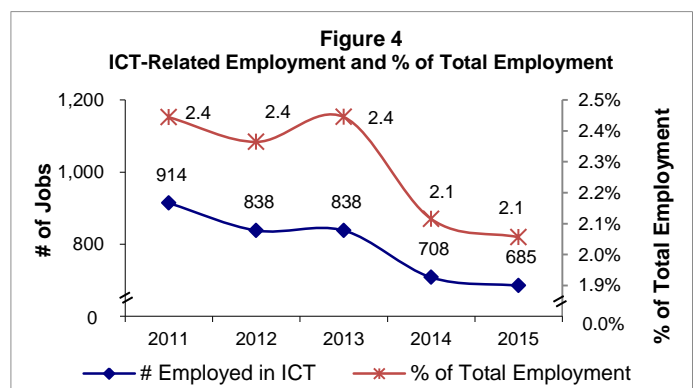
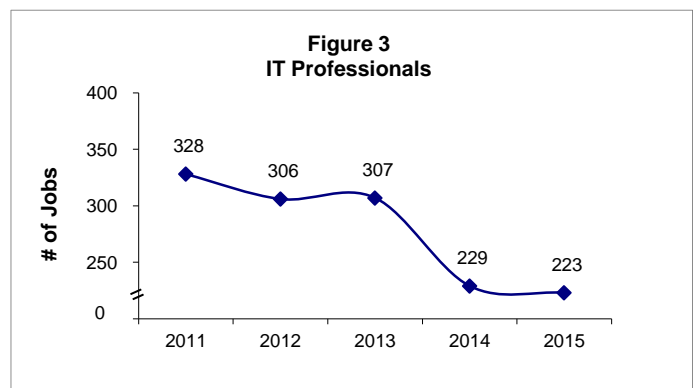
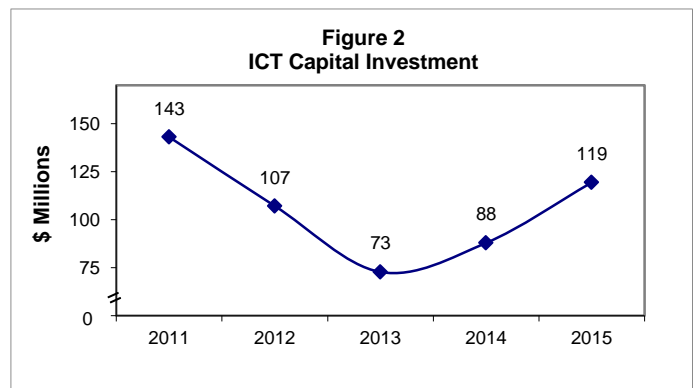
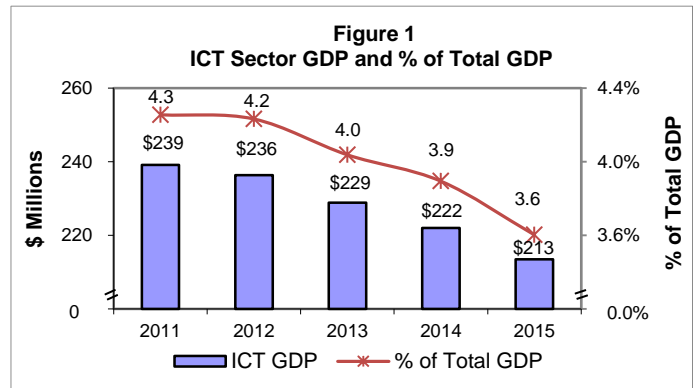
- The Information and Communication Technologies (ICT) sector comprises a combination of manufacturing and services industries that enable or fulfill the function of information processing and communication, including transmission and display by electronic means. These industries are involved in the development, delivery and support of advanced technological products.
- This profile for the year 2015 was generated using data from a sample of 1,500 businesses with a response rate of 87.2 per cent. The results show the core indicators on the use of ICT by businesses. Comparisons are between 2014 and 2015.

## The ICT Sector GDP and Capital Investment

- The ICT sector contributed 3.6 per cent or \$213 million to GDP in 2015 (**Figure 1**).
- Capital investment in ICT increased by 35.2 per cent from \$88 million in 2014 to \$119 million in 2015 (**Figure 2**). This growth was comprised of a \$39.9 million increase in the purchase of IT equipment and an \$8.5 million reduction in the purchase of computer software.

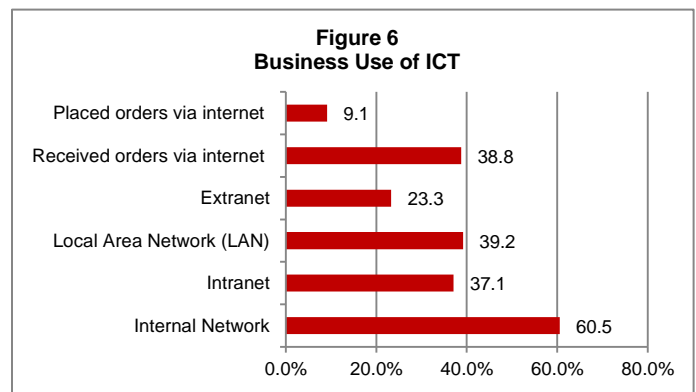
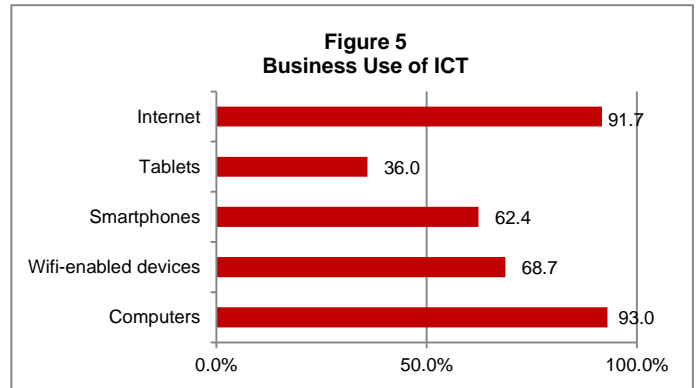
## IT Professionals and ICT-Related Employment

- Between 2014 and 2015, employment of IT professionals decreased by 2.6 per cent or 6 jobs (**Figure 3**).
- ICT-related employment decreased by 3.2 per cent or 23 jobs (**Figure 4**).
- ICT-related employment accounted for 2.1 per cent of total filled jobs in 2015, unchanged from 2014.



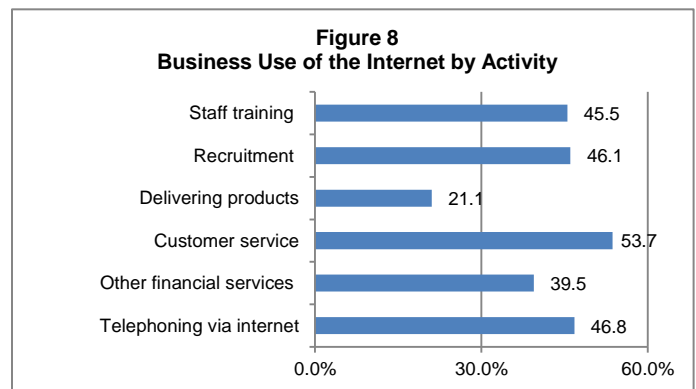
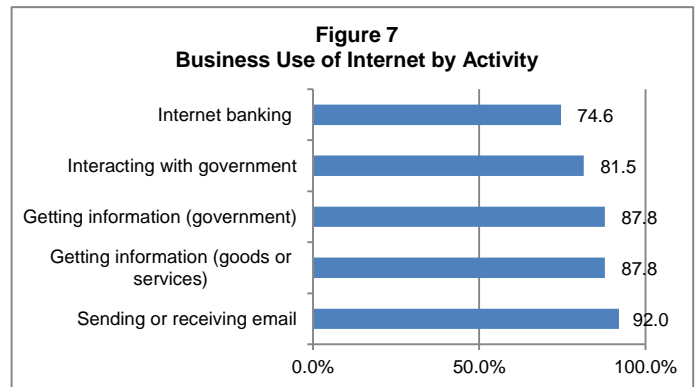
**Business Use of ICT**

- In 2015, 93.0 per cent of businesses surveyed reported using computers for business operations, up 4.8 per cent over 2014 (**Figure 5**).
- Nearly 7 out of every 10 (68.7 per cent) companies indicated the use of wifi-enabled devices to conduct business, with smartphones being the most widely used device (**Figure 5**).
- The number of businesses that placed orders via the internet increase by 2.4 percentage points to 9.1 per cent. Business that received orders via the internet increased by 8.6 percentage points to 38.8 per cent (**Figure 6**).
- Approximately sixty-one per cent (60.5 per cent) of companies used an internal network during 2015. The most commonly used network was a Local Area Network (LAN) at 39.2 per cent while 37.1 per cent of companies used a private internal network (intranet).



**Business Use of Internet by Activity**

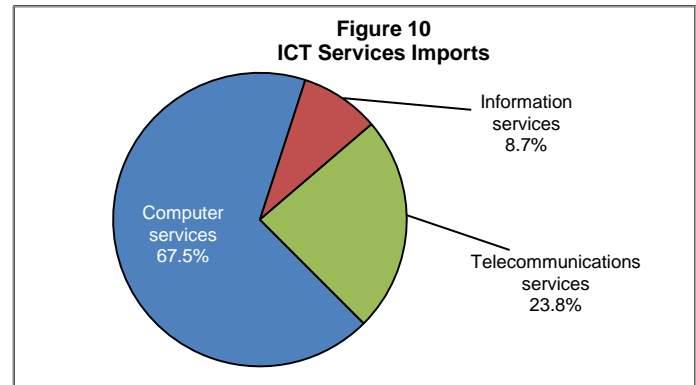
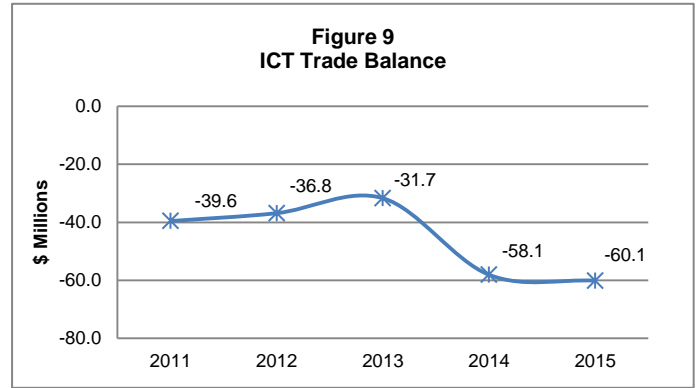
- The leading uses of the internet by businesses were sending or receiving e-mails, getting information from government and about good and services, and interacting with government (**Figure 7**).
- The number of businesses that used the internet to recruit staff grew by 18.5 percentage points to 46.1 per cent. Staff training via the internet grew 12.1 percentage points to 45.5 per cent. (**Figure 8**).
- The number of businesses that provided customer service using the internet increased by 8.7 percentage points to 53.7 per cent in 2015 (**Figure 8**).



**Note to Readers:** Some data reported in this ICT profile may be different from data reported in previous publications as they include the latest revisions made by the Department of Statistics to data published previously.

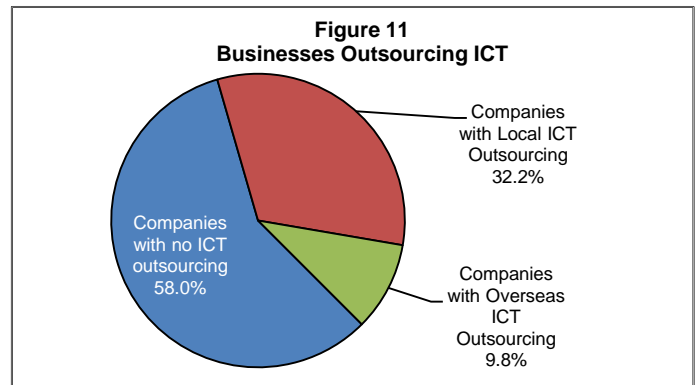
**Trade in ICT Goods and Services**

- Bermuda’s ICT trade deficit increased by 3.4 per cent or \$2.0 million in 2015 (**Figure 9**).
- The wider deficit reflected an increase in imports of ICT services of 10.8 per cent or \$7.9 million which was slightly offset by an increase in exports of 4.2 per cent or \$2.7 million.
- The value of ICT goods imported decreased by \$3.2 million in 2015, particularly x-ray apparatus, electro-diagnostic apparatus and magnetic resonance imaging apparatus.
- ICT services imports consisted of computer services (67.5 per cent), Telecommunications services (23.8 per cent) and Information services (8.7 per cent) (**Figure 10**).



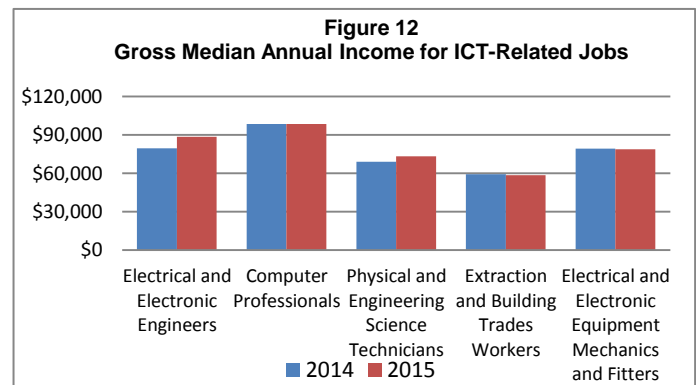
**Outsourcing of ICT by Businesses**

- The majority of companies surveyed (58.0 per cent) did not outsource their ICT needs in 2015. Almost a third of companies (32.2 per cent) outsourced their ICT needs to other local companies and one in every 10 companies (9.8 per cent) outsourced their ICT needs overseas (**Figure 11**).
- Companies with overseas ICT outsourcing primarily used companies based in the United States of America.



**Gross Median Annual Income for ICT-Related Jobs**

- The gross median annual income for ICT-related jobs increased 0.8 per cent to \$76,247 in 2015. This ranked above the economy-wide gross median annual income of \$63,657.
- The rise in gross median annual income for Electrical and Electronic Engineers was due to the addition of 7 extra positions in that occupational category (**Figure 12**).



CARICOM ICT sector definition (based on ISIC Rev.4)

*ICT manufacturing industries*

- 2610 Manufacture of electronic components and boards
- 2620 Manufacture of computers and peripheral equipment
- 2630 Manufacture of communication equipment
- 2640 Manufacture of consumer electronics
- 2680 Manufacture of magnetic and optical media

*ICT trade industries*

- 4651 Wholesale of computers, computer peripheral equipment and software
- 4652 Wholesale of electronic and telecommunications equipment and parts
- 474 Retail sale of information and communications equipment in specialised stores
- 476 Retail sale of cultural and recreation goods in specialised stores

*ICT services industries*

- 5820 Software publishing
- 61 Telecommunications
- 62 Computer programming, consultancy, and related activities
- 631 Data processing, hosting, and related activities; web portals
- 7730 Renting and leasing activities
- 8220 Activities of call centers
- 951 Repair of computers and communication equipment
- 9521 Repair of consumer electronics

*ICT content and media industries*

- 581 Publishing of books, periodicals, and other publishing activities
- 591 Motion picture, video, and television programme activities
- 5920 Sound recording and music publishing activities
- 60 Programming and broadcasting activities
- 639 Other information service activities

Source: Determining the contribution of ICT to GDP (CARICOM, May 2011)

Published by the Government of Bermuda  
September 2016

The Cabinet Office  
Department of Statistics  
Cedar Park Centre,  
48 Cedar Avenue, Hamilton HM 11, Bermuda

P.O. Box HM 3015  
Hamilton HM MX, Bermuda

Tel: (441) 297-7761, Fax: (441) 295-8390

E-mail: [statistics@gov.bm](mailto:statistics@gov.bm)

Website: [www.gov.bm/department/statistics](http://www.gov.bm/department/statistics)