



Composition of the ICT Sector

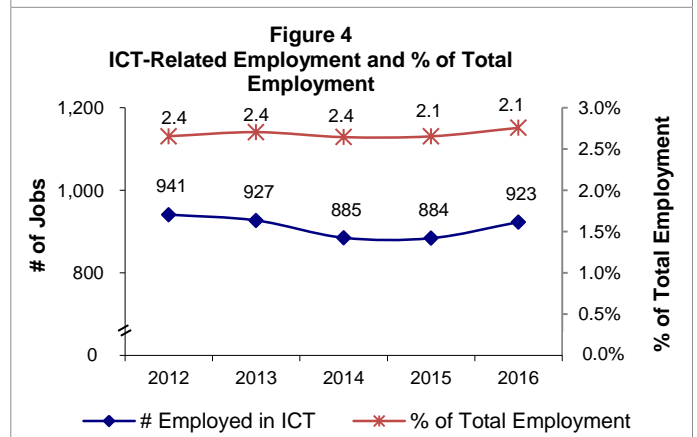
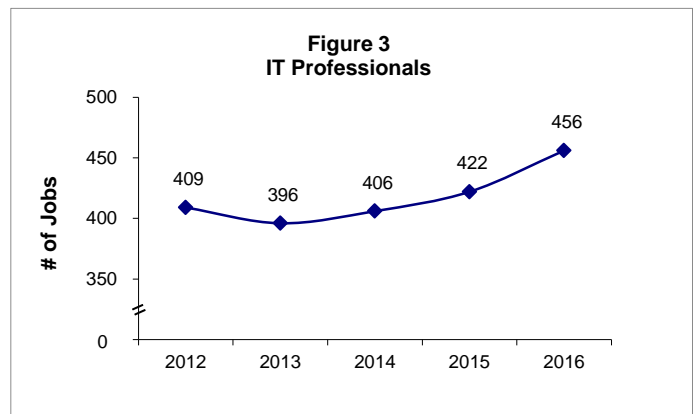
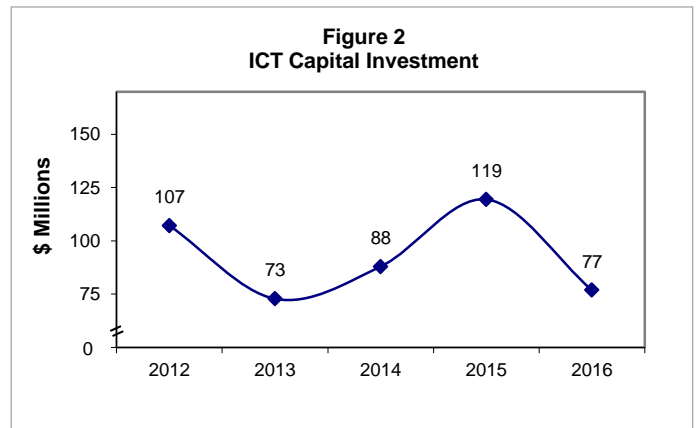
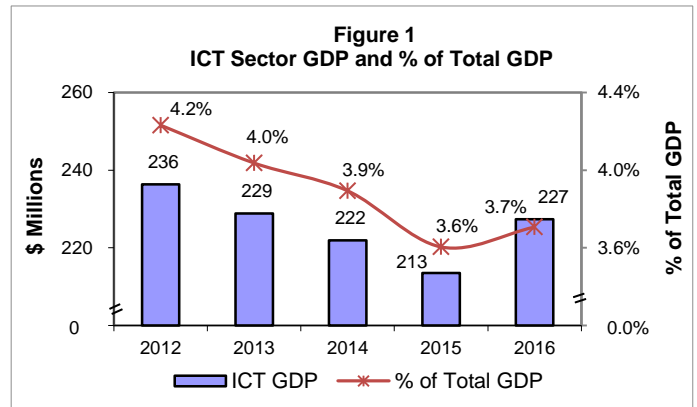
- The Information and Communication Technologies (ICT) sector comprises a combination of manufacturing and services industries that enable or fulfil the function of information processing and communication, including transmission and display by electronic means. These industries are involved in the development, delivery and support of advanced technological products.
- This profile for the year 2016 was generated using data from a sample of 1,500 businesses with a response rate of 81.0 per cent. The results show the core indicators on the use of ICT by businesses. Comparisons are between 2015 and 2016.

The ICT Sector GDP and Capital Investment

- The ICT sector contributed 3.7 per cent or \$227 million to GDP in 2016 (**Figure 1**).
- Capital investment in ICT decreased by 35.3 per cent from \$119 million in 2015 to \$77 million in 2016 (**Figure 2**). This drop was comprised of declines of \$26.7 million and \$15.9 million in the purchases of IT equipment and computer software, respectively.

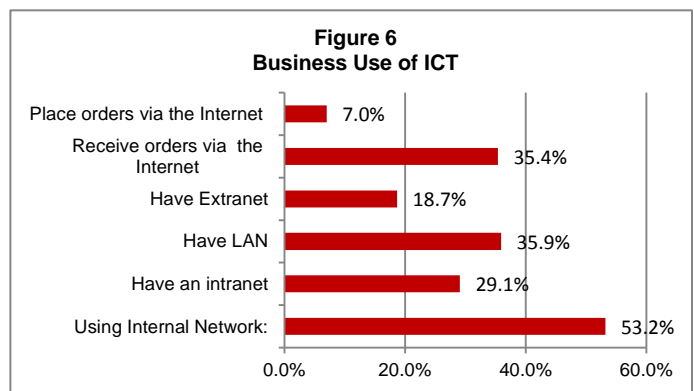
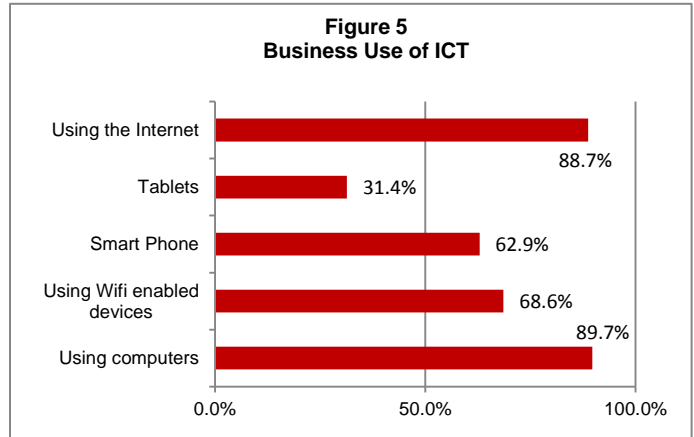
IT Professionals and ICT-Related Employment

- Between 2015 and 2016, employment of IT professionals increased by 8.1 per cent or 34 jobs (**Figure 3**).
- ICT-related employment increased by 4.4 per cent or 39 jobs (**Figure 4**).
- ICT-related employment accounted for 2.1 per cent of total filled jobs in 2016, remaining unchanged from 2015.



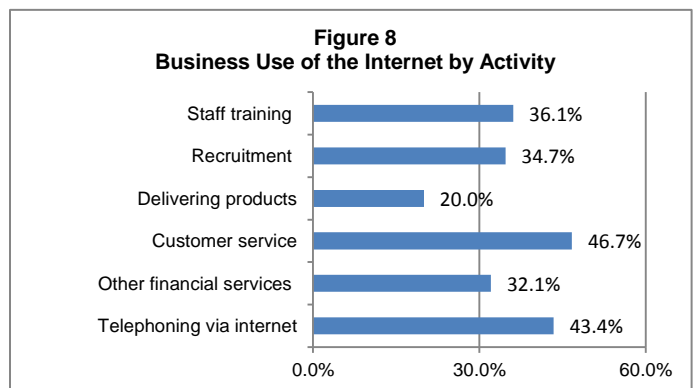
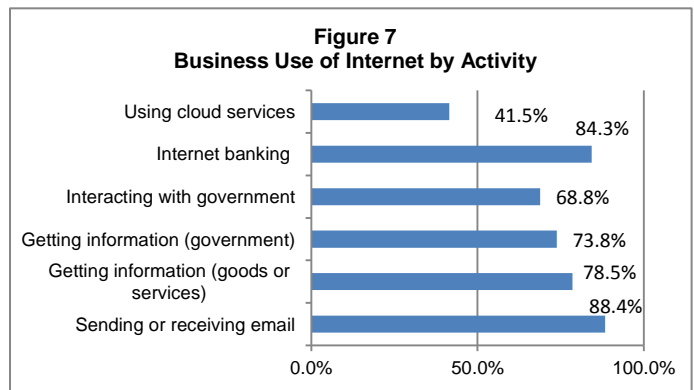
Business Use of ICT

- In 2016, 89.7 per cent of businesses surveyed reported using computers for business operations, up 1.1 percentage points from 2015 (**Figure 5**).
- Nearly 7 out of every 10 (68.6 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 increased by 4.5 percentage points to 7.0 per cent. Business that received orders via the internet increased by 5.4 percentage points to 35.4 per cent (**Figure 6**).
- More than half (53.2 per cent) of companies used an internal network during 2016, up from 49.6 per cent in 2015. The most commonly used network was a Local Area Network (LAN) at 35.9 per cent while 29.1 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, internet banking, and getting information about goods and services. (**Figure 7**).
- Internet banking was used by 84.3 per cent of businesses. Cloud services were used by 41.5 per cent of businesses. (**Figure 7**).
- The number of businesses that used the internet to deliver products online grew by 17.6 percentage points to 20.0 per cent. Business use of internet telephony grew 17 percentage points to 43.4 per cent. (**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

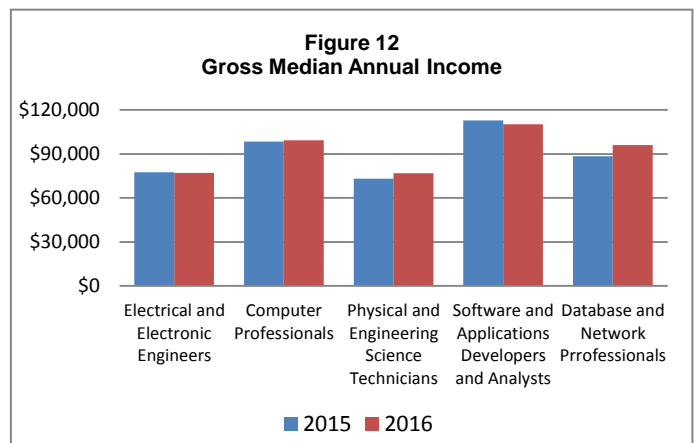
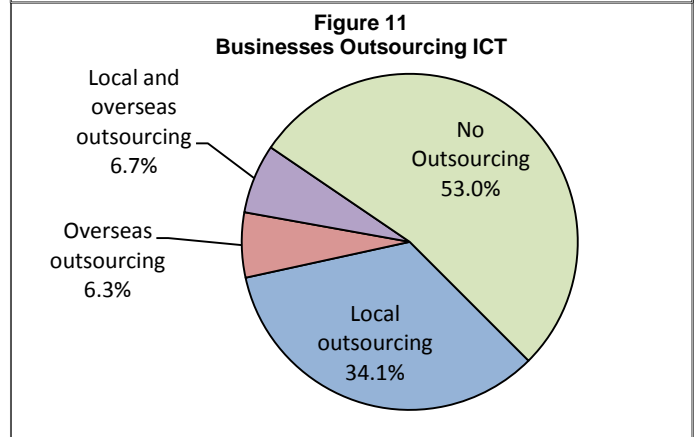
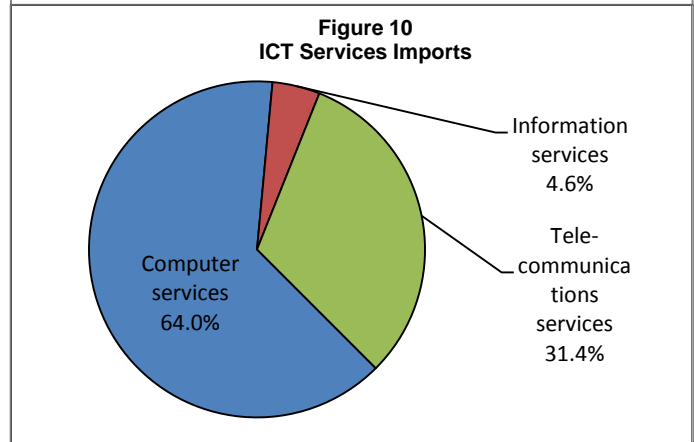
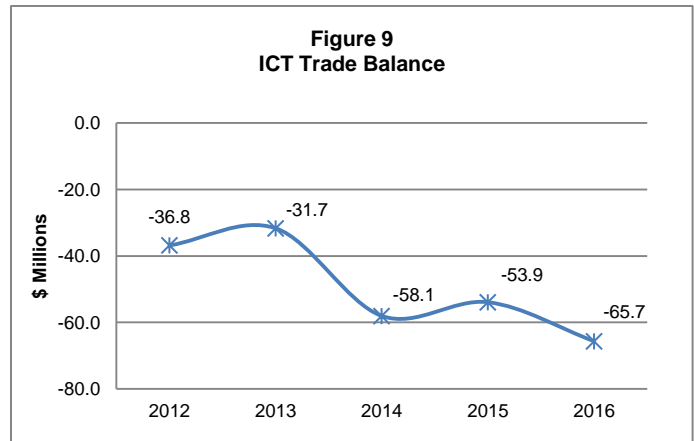
- Bermuda's ICT trade deficit widened by 21.9 per cent or \$11.8 million in 2016 (Figure 9).
- The wider deficit reflected an 11.7 percent increase in the imports of ICT services which was offset partly by a 2.5 per cent gain in receipts from exports.
- The value of ICT goods imported increased by \$3.8 million in 2016, due mostly to a \$6.0 million increase in telecommunications equipment imports.
- Imports of ICT services comprised computer services (64.0 per cent), telecommunications services (31.4 per cent) and information services (4.6 per cent) (Figure 10).

Outsourcing of ICT by Businesses

- The majority of companies surveyed (53.0 per cent) did not outsource their ICT needs in 2016. Over a third of companies (34.1 per cent) outsourced their ICT needs to other local companies only, while 6.3 per cent outsourced to overseas companies. In addition, 6.7 per cent of companies outsourced their ICT needs to a combination of local and overseas companies (Figure 11).
- Companies with overseas ICT outsourcing used primarily 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 16.4 per cent to \$88,714 in 2016. This ranked above the economy-wide gross median annual income of \$63,712.
- Gross median annual earnings of physical and engineering science technicians grew 4.9 per cent from 2015 (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)

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