



SPECIAL RELEASE

2019 Survey on Information and Communication Technology (SICT) For Information Economy (Core ICT Industries) Final Results

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Table A. Number of Establishments and Employees According to Selected Information and Communication Technology (ICT) Indicators for Core ICT Industries: Philippines, 2017 and 2019

ICT Indicator	2017 ^f	2019 ^f	Growth Rate
Number of Establishments:			
That Owned and Used Computers and Communication Equipment	3,635	5,533	52.2
With Internet	3,573	5,409	51.4
With Website	1,593	2,254	41.5
With E-Commerce via the Internet	810	1,274	57.3
With Business Transaction via Cellular Mobile Phone	978	2,280	133.1
With Social Media Account	1,457	2,839	94.9
Number of Employees:			
Using Computer Routinely at Work	252,002	238,359	(5.4)
Using Computer Routinely at Work with Internet Connection/Access	225,724	218,948	(3.0)

Notes: f – final result
() – negative value

Sources: Philippine Statistics Authority, 2017 SICT and 2019 SICT

This Special Release highlights the results of the survey for Core ICT Industries. The Core ICT Industries are those industries comprising the **Information Economy (IE)**¹. The IE is a term used to describe the economic and social

¹ Source: United Nations Conference on Trade and Development (UNCTAD) Manual for the Production of Statistics on the Information Economy, 2009 Revised Edition



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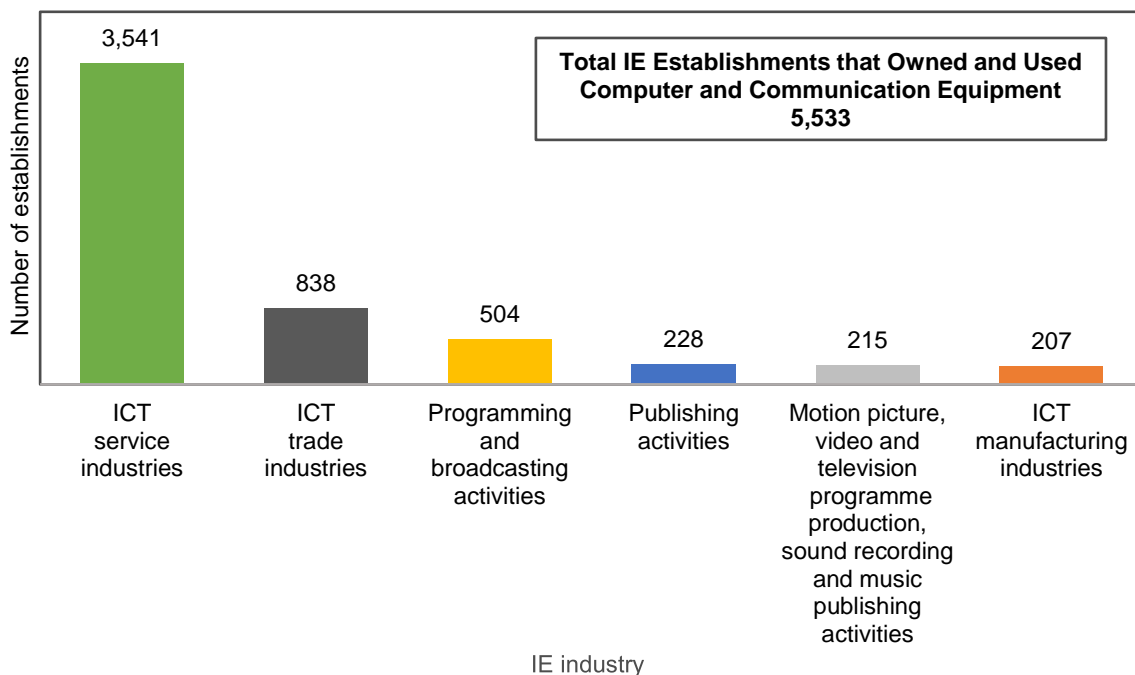
value created through the ability to rapidly exchange information at anytime, anywhere to anyone. A distinctive characteristic of the IE is the intensive use by businesses of ICT for the collection, storage, processing and transmission of information. The use of ICT is supported by supply of ICT products from an ICT-producing sector and through trade.

1. Number of IE establishments that owned and used computers and communication equipment climbed up

A total of 5,542 establishments under the IE was estimated in 2019. Of these establishments, 5,533 establishments owned and used computers and communication equipment in their business operations, which was 52.2 percent higher than the number of establishments with ownership and usage of computers and communication equipment in 2017 at 3,635 establishments. (Tables A and 1)

There are two sectors under IE, namely, (1) Information and Communication Technology (ICT) sector and (2) Content and Media sector. All establishments under the Content and Media Sector owned and used computers and communication equipment in 2019. For the ICT sector, only those engaged in ICT manufacturing industries had a 100.0 percent ownership and usage of computers and communication equipment. (Figure 1 and Table 1)

Figure 1. Number of IE Establishments that Owned and Used Computer and Communication Equipment by Industry: Philippines, 2019



Source: Philippine Statistics Authority, 2019 SICT (Final Results)

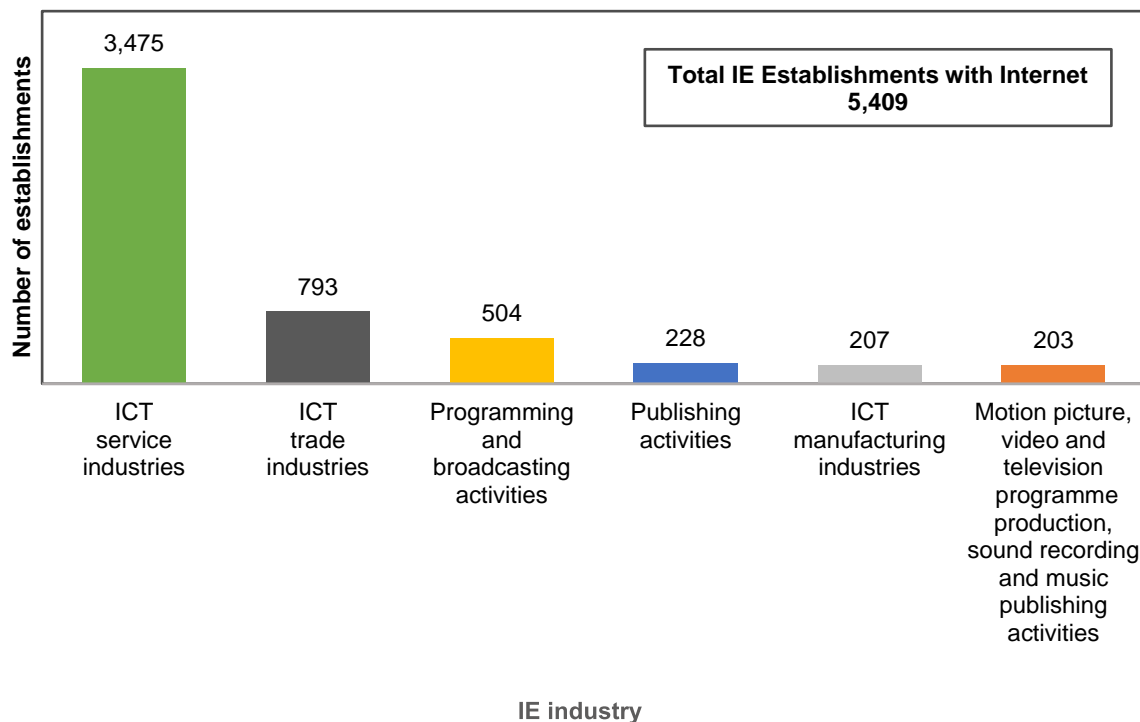
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2. Number of IE establishments with internet connection or access grew by 51.4 percent

Of the total IE establishments, 5,409 had internet access in 2019. This number posted an increase of 51.4 percent, from the 3,573 IE establishments with internet access in 2017. (Tables A and 1)

Among the IE industries, ICT service industries had the most number of establishments with internet at 3,475. This was followed by ICT trade industries and programming and broadcasting activities with 793 establishments and 504 establishments with internet, respectively. (Figure 2 and Table 1)

Figure 2. Number of IE Establishments with Internet by IE Industry
Philippines, 2019

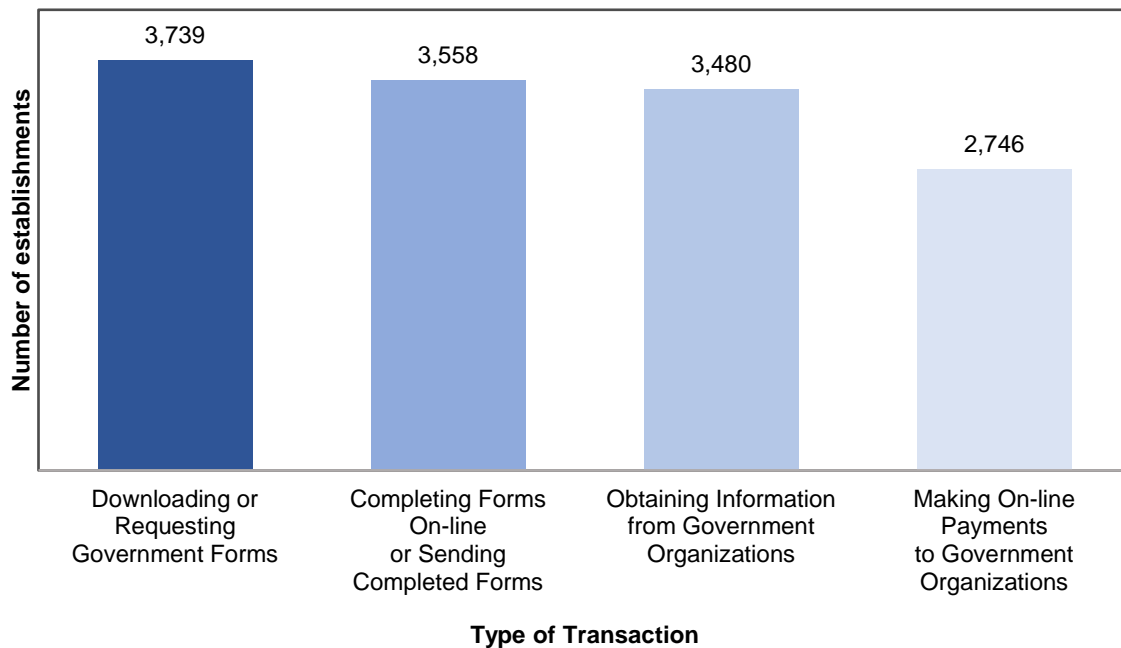


Note: Details may not add up to total due to rounding
Source: Philippine Statistics Authority, 2019 SICT (Final Results)

Among the transactions done by IE establishments with government offices, 3,739 establishments used the Internet in downloading or requesting government forms. Completing forms online or sending completed forms and obtaining information from government organizations were done by 3,558 IE establishments and 3,480 IE establishments, respectively. The least transaction done by IE establishments was using the Internet in making on-line payments to government organizations with 2,746 establishments. (Figure 3 and Table 7)

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Figure 3. Number of IE Establishments that Used the Internet for Transactions in Government Agencies by Type: Philippines, 2019



Source: Philippine Statistics Authority, 2019 SICT (Final Results)

3. Number of IE establishments with website increased

In 2019, 2,254 IE establishments had websites, higher by 41.5 percent than the 1,593 IE establishments recorded with website in 2017. (Table A)

Among the IE industries, ICT service industries had the highest number of 1,261 establishments with website. Meanwhile, the ICT manufacturing industries had the least number of 97 establishments with website. (Table 3)

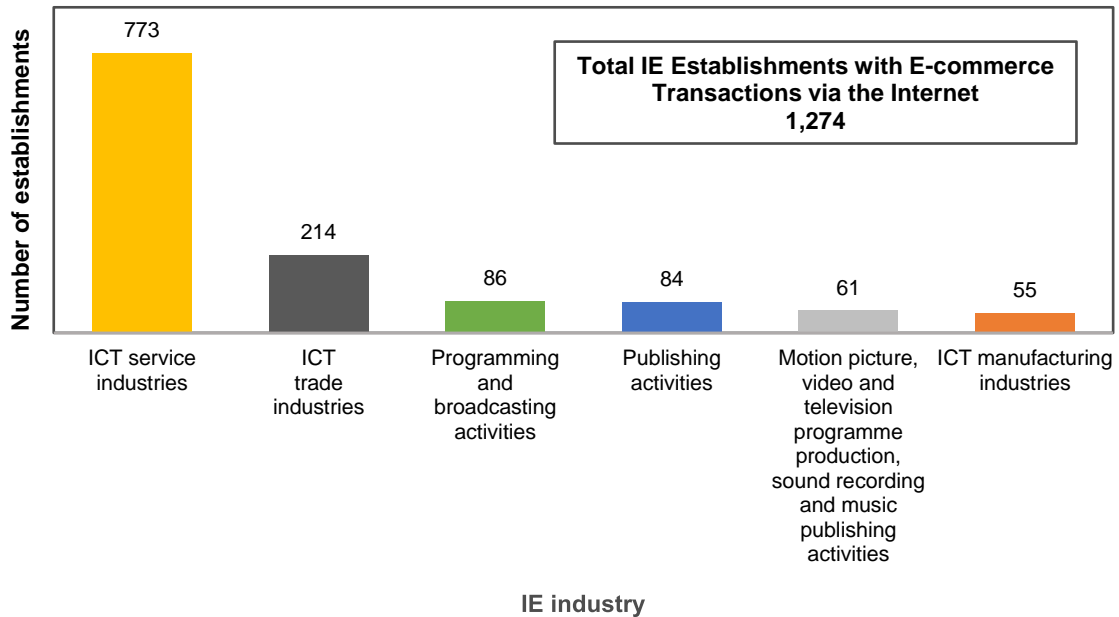
4. An upsurge in e-commerce transactions via the Internet was noted in 2019

A total of 1,274 IE establishments were engaged in e-commerce transactions via internet in 2019. This showed an increase of 57.3 percent from the reported level of 810 establishments with e-commerce transactions via internet in 2017. (Table A)

Industry-wise, ICT service industries registered the highest number of 773 establishments with e-commerce transaction via internet, followed by ICT trade industries with 214 establishments and programming and broadcasting activities with 86 establishments. (Figure 4 and Table 5)

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Figure 4. Number of IE Establishments with E-commerce Transactions via the Internet by Industry: Philippines, 2019



Note: Details may not add up to total due to rounding
 Source: Philippine Statistics Authority, 2019 SICT (Final Results)

5. Use of mobile phones/smartphones in business transactions surged up

Cellular mobile phone/smartphone is another medium used by establishments for doing business. Of the total IE establishments in 2019, 2,280 used cellular mobile phones/smartphones in their business transactions in 2019, an increase of 133.1 percent from the usage level of 978 establishments in 2017. (Table A)

IE industries engaged in ICT service industries posted the highest number of 1,437 establishments using cellular mobile phone/smartphone in their business transactions, while IE industries engaged in ICT manufacturing industries had the least with 55 establishments. (Table 5)

6. IE establishments with social media accounts climbed up by about 95.0 percent

The presence of social media account in 2019 was recorded at 2,839 IE establishments, higher by 94.9 percent than the 1,457 IE establishments with social media accounts in 2017. (Table A)

Among the IE industries, ICT service industries had the highest number of 1,745 establishments with social media accounts. The least with social

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media accounts were engaged in ICT manufacturing industries with 67 establishments. (Table 8)

7. A downturn was noted in the number of IE employees routinely using computer at work

The estimated number of 238,359 IE employees who routinely used computers at work in 2019 was reduced by -5.4 percent compared with the 252,002 employees who routinely used computers at work in 2017. (Table A)

By IE industries, ICT service industries had the highest number of employees who routinely used computers at work with 131,717 employees. This was followed by ICT manufacturing industries with 63,839 employees and programming and broadcasting activities with 14,317 employees. (Table 2)

8. Around 219,000 employees routinely used computers with internet connection at work

At the national level, 218,948 IE employees routinely used computers with internet connection or access at work in 2019. The number of IE employees that routinely used computers with internet connection or access at work in 2019 was lower by -3.0 percent than the level in 2017 of 225,724 employees. (Table A)

ICT services industries had the highest number of employees who routinely used computers with internet connection or access at work with 130,795 employees. On the other hand, motion picture, video and television programme production, sound recording and music publishing activities had the least number of employees routinely using computers with internet connection or access at work with 4,882 employees. (Table 2)

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