



REPUBLIC OF THE PHILIPPINES

PHILIPPINE STATISTICS AUTHORITY

# SPECIAL RELEASE

Final Results

## 2013 Survey on Information and Communication Technology For Non-Core ICT Industries

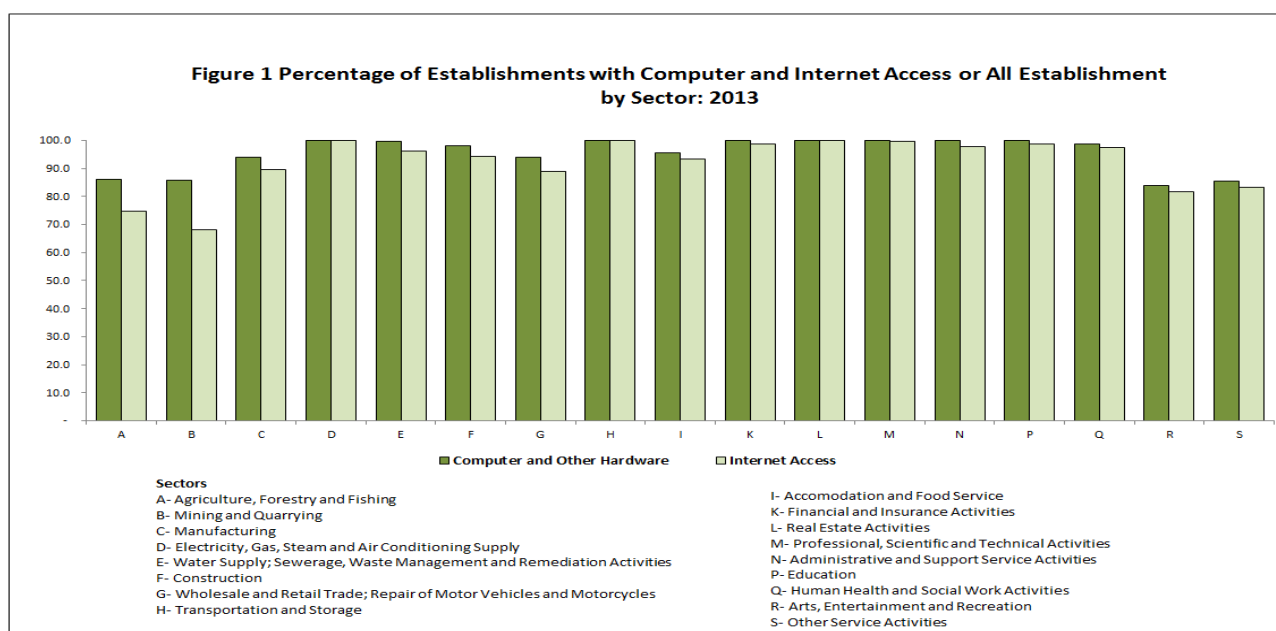
This Special Release presents the final results of the 2013 SICT for the non-core ICT industries. All sections were classified under the non-core ICT industries except for the information and communication and some industries in manufacturing, wholesale and retail, and other service activities which are under the core industries.

Survey results in 2013 showed that there were 33,852 establishments classified as non-core ICT industries, a slight decrease of 2.0 percent from 34,488 figure reported in 2010.

***Ninety-six percent of establishments use computer and other hardware; nine in ten establishments report internet access through computer***

About 95.7 percent of the total establishments used computer and other hardware in their business operations. This percentage was slightly higher than the 92.4 percent reported in 2010.

Almost all establishments used computers and other hardware in doing business transactions. However, those engaged in arts, entertainment and recreation had the lowest percentage with 83.8 percent. Figure 1 shows the percentage of establishments with Computer and Internet Access for all establishments under the non-core ICT industries.



***Thirty-five percent of employees use computer routinely at work while twenty-eight percent routinely use computer with internet connection at work***

At the national level, only 35.4 percent of the total number of employees used computers routinely at work in 2013 which was slightly higher than in 2010 (31.9%). Financial and insurance activities had the highest percentage for this indicator with 73.6 percent. However, agriculture, forestry and fishing had the lowest percentage with 5.8 percent.

About 28.5 percent used computer routinely at work with internet access, higher by 7.8 percentage points compared to 2010. All sectors reached more than 10.0 percent with regards to the internet connection except agriculture, forestry and fishing with only 3.4 percent. Employees engaged in financial and insurance activities had the highest percentage with the use of computer routinely for work with internet access with 52.2 percent followed by administrative and support service activities with 51.7 percent.

***More than one-fourth of establishments maintain website***

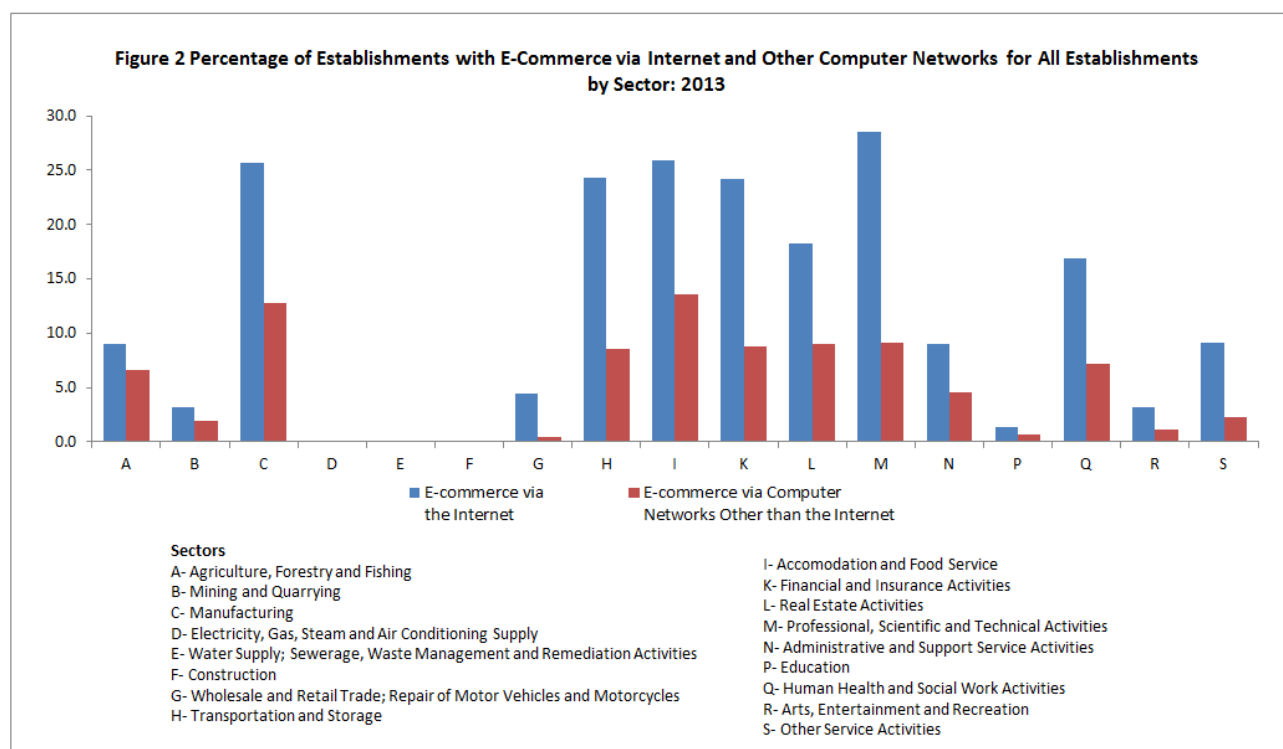
Presence of a website was reported at 25.5 percent of establishments in 2013, slightly higher than in 2010 (24.7%). Professional, scientific and technical activities had the highest percentage with website with 56.0 percent while establishments engaged in agriculture, forestry and fishing reported the lowest (4.3%).

***More than 14 percent of establishments utilize the internet for business***

E-commerce is the process of buying or selling of goods and services through internet protocol-based network. E-commerce via the internet was reported by 14.4 percent of the establishments, much lower than the 17.1 percent reported in 2010.

Professional, scientific and technical activities had the highest percentage of establishments engaging in e-commerce via internet with 28.6 percent. This was followed by accommodation and food service and manufacturing with 25.9 percent and 25.7 percent, respectively.

E-commerce can also be undertaken through computer networks other than the internet, in which only 6.5 percent of all the establishments reported having used the medium compared to 11.4 percent reported in 2010. Accommodation and food service had the highest percentage of establishments on e-commerce through computer networks other than the internet with 13.5 percent. Figure 2 shows the percentage of establishments with e-commerce via internet and other computer networks for all establishments under the non-core ICT industries.



### ***Nearly 30 percent of establishments do business through mobile phone***

Cellular mobile phone is another medium that can be used in doing business. About 29.9 percent of establishments used mobile phones in business transactions in 2013, a slight increase reported in 2010 (29.6%).

### ***Internet used extensively in transacting with government organizations***

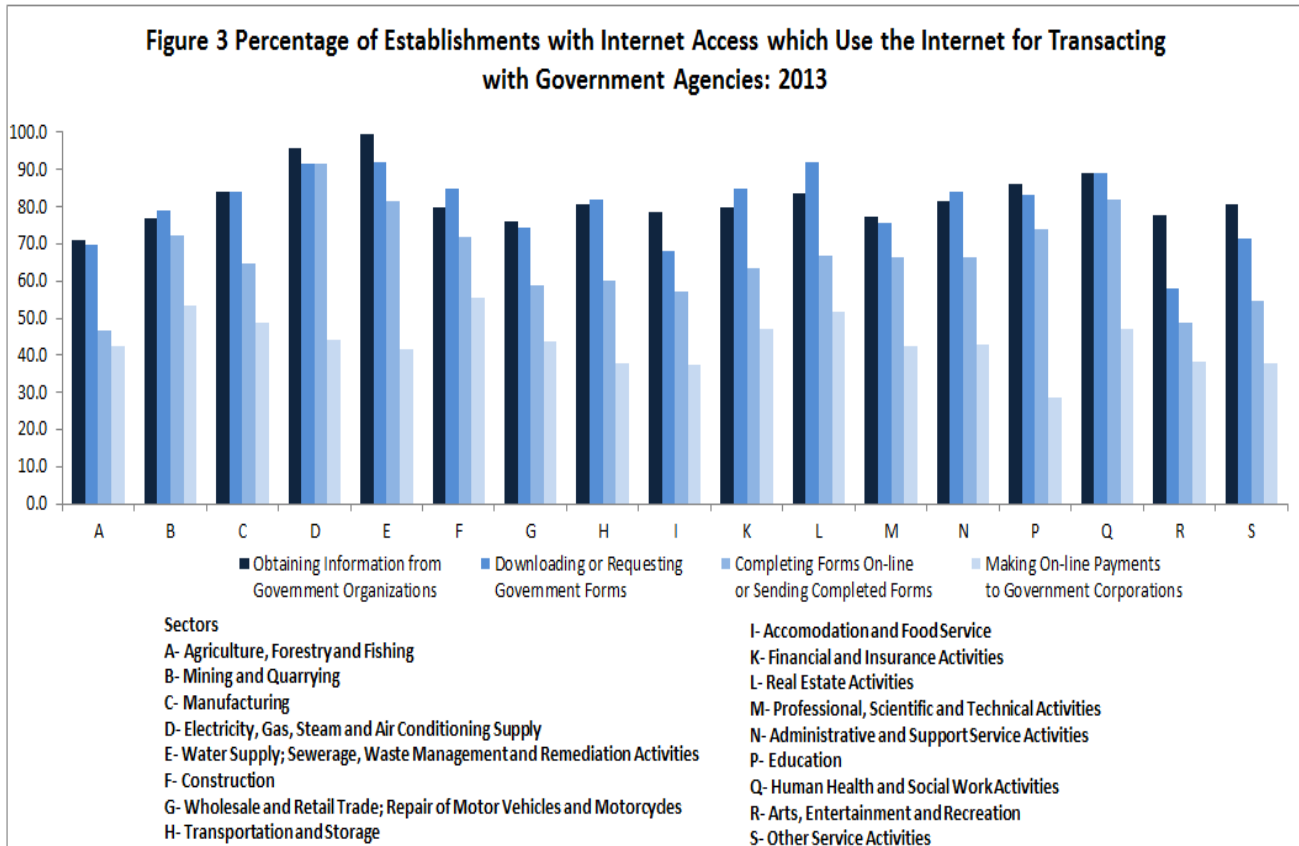
Establishments also used the internet in transacting with government agencies. Almost 81.0 percent of the establishments used internet to obtain information from government organizations in 2013. It increased by 3.9 percentage points compared to 77.1 percent reported in 2010. Water supply; sewerage, waste management and remediation activities recorded the highest percentage with 99.4 percent.

Approximately 78.4 percent of the establishments download or request for government forms. Most of the sections reached more than 60 percent at this type of activity though arts, entertainment and recreation had the lowest with 57.9 percent.

Completing and sending forms on-line was the third activity mostly done by establishments with Internet access as 63.5 percent of the establishments reported this type of activity. Electricity, gas, steam and air conditioning supply had the highest percentage in this activity with 91.4 percent. This

was followed by human health and social work activities and water supply; sewerage, waste management and remediation activities with 81.9 percent and 81.5 percent respectively.

Making on-line payments to government organizations was the least among the transactions done by the establishments with government organizations via the internet. About 42.2 percent of establishments reported this type of activity. Construction leads in this activity with 55.5 percent followed by mining and quarrying with 53.2 percent.



### ***Internet is used by establishments to share, distribute and obtain information***

Obtaining information from other organizations (45.1%), sharing or distribution of information within the establishment (42.4%) and sharing or distribution of information with other organization (35.4%) were the activities done mostly by establishments when transacting via the internet. Other activities consist of finance accounting and auditing (37.3%), internal or external recruitment (36.1%) and staff training (22.7%).

Table 1 Non-Core Information and Communication Technology Indicators by Sector: Philippines, 2010 and 2013

Industry	Number of Establishments		Percentage of Establishments with			
			Computer and Other Hardware		Internet access	
	2010	2013	2010	2013	2010	2013
	(1)	(2)	(3)	(4)	(5)	(6)
<b>Philippines</b>	<b>34,488</b>	<b>33,852</b>	<b>92.4</b>	<b>95.7</b>	<b>78.3</b>	<b>92.2</b>
A- Agriculture, Forestry and Fishing	744	1,181	85.7	86.1	56.2	74.8
B- Mining and Quarrying	77	157	93.5	85.9	87.9	68.1
C- Manufacturing	16,048	6,544	88.1	93.9	71.0	89.5
D- Electricity, Gas, Steam and Air Conditioning Supply	203	224	100.0	100.0	96.1	100.0
E- Water Supply; Sewerage, Waste Management and Rer	256	336	100.0	99.7	95.3	96.3
F- Construction	734	1,079	96.9	97.9	87.8	94.2
G- Wholesale and Retail Trade; Repair of Motor Vehicles :	4,672	8,335	95.6	94.1	81.4	88.8
H- Transportation and Storage	796	1,116	92.5	100.0	85.2	99.9
I- Accommodation and Food Service	3,728	5,487	95.1	95.4	83.3	93.3
K- Financial and Insurance Activities	648	1,053	100.0	99.9	98.8	98.8
L- Real Estate Activities	380	498	100.0	100.0	98.7	100.0
M- Professional, Scientific and Technical Activities	596	875	100.0	100.0	97.1	99.6
N- Administrative and Support Service Activities	1,410	1,687	98.7	99.9	82.8	97.9
P- Education	2,998	3,565	99.8	100.0	93.8	98.8
Q- Human Health and Social Work Activities	738	1,000	100.0	98.7	87.9	97.4
R- Arts, Entertainment and Recreation	191	287	88.9	83.8	74.7	81.5
S- Other Service Activities	264	428	70.4	85.6	33.4	83.2

Source: 2010 Survey on Information and Communication Technology (SICT); Final Results  
2013 SICT; Final Results  
Philippine Statistics Authority

Table 1 Non-Core Information and Communication Technology Indicators by Sector: Philippines, 2010 and 2013 *(Continued)*

Industry	Number of Employees		Percentage of Employees Using Computer			
			Routinely at Work		with Internet Connection Routinely at Work	
	2010	2013	2010	2013	2010	2013
	(7)	(8)	(9)	(10)	(11)	(12)
<b>Philippines</b>	<b>3,644,487</b>	<b>3,662,745</b>	<b>31.9</b>	<b>35.4</b>	<b>20.7</b>	<b>28.5</b>
A- Agriculture, Forestry and Fishing	135,610	150,753	4.3	5.8	2.2	3.4
B- Mining and Quarrying	26,813	34,912	17.9	14.6	14.7	12.7
C- Manufacturing	796,564	851,528	17.9	17.8	9.8	12.4
D- Electricity, Gas, Steam and Air Conditioning Supply	47,998	46,424	36.6	46.5	18.5	32.9
E- Water Supply; Sewerage, Waste Management and Remediation Activities	28,121	28,473	36.9	63.6	14.6	21.4
F- Construction	138,705	227,075	8.7	14.8	4.9	12.8
G- Wholesale and Retail Trade; Repair of Motor Vehicles and Motorcycles	646,631	426,559	27.1	28.6	15.4	21.8
H- Transportation and Storage	143,607	145,013	27.1	29.4	18.4	27.2
I- Accommodation and Food Service	288,973	223,722	11.9	20.2	7.6	14.7
K- Financial and Insurance Activities	230,037	228,473	80.2	73.6	35.3	52.2
L- Real Estate Activities	40,854	71,452	58.8	54.4	38.8	40.6
M- Professional, Scientific and Technical Activities	88,925	91,102	63.7	60.9	51.7	47.9
N- Administrative and Support Service Activities	514,193	713,527	45.1	53.8	42.7	51.7
P- Education	315,014	255,342	51.3	55.4	37.0	44.7
Q- Human Health and Social Work Activities	122,817	121,064	38.2	40.7	11.8	23.3
R- Arts, Entertainment and Recreation	40,186	30,793	15.9	23.9	11.2	23.0
S- Other Service Activities	36,129	16,533	12.5	19.0	7.0	15.0

Source: 2010 Survey on Information and Communication Technology (SICT); Final Results  
2013 SICT; Final Results  
Philippine Statistics Authority

Table 1 Non-Core Information and Communication Technology Indicators by Sector: Philippines, 2010 and 2013 *(Continued)*

Industry	Percentage of Establishments with					
	Web Presence		Intranet		Extranet	
	2010	2013	2010	2013	2010	2013
	(13)	(14)	(15)	(16)	(17)	(18)
<b>Philippines</b>	<b>24.7</b>	<b>25.5</b>	<b>16.7</b>	<b>23.2</b>	<b>4.5</b>	<b>5.3</b>
A- Agriculture, Forestry and Fishing	5.4	4.3	10.8	11.8	2.2	1.1
B- Mining and Quarrying	31.0	14.7	26.0	15.3	14.5	8.3
C- Manufacturing	21.2	21.6	13.2	21.8	3.8	4.8
D- Electricity, Gas, Steam and Air Conditioning Supply	25.1	38.6	33.1	35.2	8.7	18.1
E- Water Supply; Sewerage, Waste Management and Remediation Activities	15.6	30.3	17.9	18.5	8.1	0.6
F- Construction	20.5	27.8	13.9	15.3	0.4	4.6
G- Wholesale and Retail Trade; Repair of Motor Vehicles and Motorcycles	17.7	17.8	18.7	22.2	5.2	2.8
H- Transportation and Storage	26.4	31.8	21.6	26.5	7.4	5.2
I- Accommodation and Food Service	32.4	18.2	13.9	10.8	5.0	3.2
K- Financial and Insurance Activities	41.5	46.9	39.1	36.8	6.2	12.5
L- Real Estate Activities	44.7	48.7	22.4	27.4	6.8	8.8
M- Professional, Scientific and Technical Activities	60.8	56.0	42.3	38.1	6.8	12.2
N- Administrative and Support Service Activities	28.2	30.9	22.4	40.4	8.0	19.0
P- Education	36.5	43.1	22.8	37.9	4.7	5.9
Q- Human Health and Social Work Activities	23.4	39.7	16.5	28.6	3.3	6.4
R- Arts, Entertainment and Recreation	26.6	20.9	16.4	9.9	3.1	-
S- Other Service Activities	13.6	17.5	7.8	6.3	-	-

Source: 2010 Survey on Information and Communication Technology (SICT); Final Results

2013 SICT; Final Results

Philippine Statistics Authority

Table 1 Non-Core Information and Communication Technology Indicators by Sector: Philippines, 2010 and 2013 *(Continued)*

Industry	Percentage of Establishments with					
	With Wired Local Area Network		With Wireless Local Area Network		With Wide Area Network	
	2010	2013	2010	2013	2010	2013
	(19)	(20)	(19)	(20)	(21)	(22)
<b>Philippines</b>	<b>34.4</b>	<b>67.8</b>	<b>5.7</b>	<b>43.9</b>	<b>10.0</b>	<b>15.3</b>
A- Agriculture, Forestry and Fishing	23.9	40.3	4.0	29.4	6.6	12.6
B- Mining and Quarrying	36.4	48.1	2.6	33.4	22.5	22.9
C- Manufacturing	30.1	65.1	4.9	39.7	8.1	9.7
D- Electricity, Gas, Steam and Air Conditioning Supply	33.0	87.1	2.9	78.6	18.5	27.1
E- Water Supply; Sewerage, Waste Management and Remediation Activities	57.5	88.8	4.4	47.0	5.4	11.2
F- Construction	40.0	61.6	7.2	50.2	2.6	8.0
G- Wholesale and Retail Trade; Repair of Motor Vehicles and Motorcycles	36.3	61.9	6.8	40.3	14.1	13.3
H- Transportation and Storage	29.4	64.8	10.1	41.7	12.4	14.8
I- Accommodation and Food Service	43.8	64.9	9.3	27.2	6.1	19.2
K- Financial and Insurance Activities	45.1	90.5	4.0	65.5	25.0	32.3
L- Real Estate Activities	43.4	78.1	5.3	56.7	21.1	24.8
M- Professional, Scientific and Technical Activities	37.6	79.7	3.7	65.3	23.8	25.7
N- Administrative and Support Service Activities	39.1	75.7	7.4	56.3	14.7	27.2
P- Education	38.2	84.4	3.2	69.4	12.3	14.3
Q- Human Health and Social Work Activities	39.5	85.1	5.2	53.1	3.2	14.1
R- Arts, Entertainment and Recreation	25.1	36.1	10.5	15.7	11.0	5.2
S- Other Service Activities	13.3	58.2	3.8	26.7	3.4	6.6

Source: 2010 Survey on Information and Communication Technology (SICT); Final Results  
2013 SICT; Final Results  
Philippine Statistics Authority



Table 1 Non-Core Information and Communication Technology Indicators by Sector: Philippines, 2010 and 2013 *(Continued)*

Industry	Percentage of Establishments with					
	E-commerce via the Internet		E-commerce via Computer Networks Other than the Internet		Business Transaction via Cellular Mobile Phone	
	2010	2013	2010	2013	2010	2013
	(23)	(24)	(25)	(26)	(27)	(28)
<b>Philippines</b>	17.1	14.4	11.4	6.5	29.6	29.9
A- Agriculture, Forestry and Fishing	10.4	9.0	4.2	6.6	41.6	39.2
B- Mining and Quarrying	52.6	3.2	17.1	1.9	47.6	27.3
C- Manufacturing	9.0	25.7	11.5	12.8	34.1	38.2
D- Electricity, Gas, Steam and Air Conditioning Supply	-	-	1.5	-	-	30.0
E- Water Supply; Sewerage, Waste Management and Remediation Activities	-	-	-	-	-	8.2
F- Construction	30.3	-	14.6	-	36.7	10.3
G- Wholesale and Retail Trade; Repair of Motor Vehicles and Motorcycles	22.2	4.5	13.1	0.5	35.8	34.4
H- Transportation and Storage	22.5	24.3	8.1	8.6	21.7	31.4
I- Accommodation and Food Service	49.5	25.9	25.2	13.5	31.7	33.4
K- Financial and Insurance Activities	13.9	24.1	4.1	8.8	15.2	22.0
L- Real Estate Activities	36.8	18.2	15.3	9.1	43.9	38.5
M- Professional, Scientific and Technical Activities	50.2	28.6	7.7	9.1	10.2	26.4
N- Administrative and Support Service Activities	19.3	9.0	2.5	4.5	15.8	24.0
P- Education	4.5	1.3	2.6	0.7	9.0	12.8
Q- Human Health and Social Work Activities	11.9	16.8	5.0	7.2	22.9	21.1
R- Arts, Entertainment and Recreation	1.0	3.2	4.0	1.2	15.2	9.1
S- Other Service Activities	9.8	9.1	10.6	2.3	26.9	27.8

Source: 2010 Survey on Information and Communication Technology (SICT); Final Results  
2013 SICT; Final Results  
Philippine Statistics Authority

Table 1 Non-Core Information and Communication Technology Indicators by Sector: Philippines, 2010 and 2013 *(Continued)*

Industry	Percentage of Establishments which Used the Internet for					
	Finance Accounting and Auditing		Internal or External Recruitment		Staff Training	
	2010	2013	2010	2013	2010	2013
	(29)	(30)	(31)	(32)	(33)	(34)
<b>Philippines</b>	<b>33.8</b>	<b>37.3</b>	<b>30.6</b>	<b>36.1</b>	<b>16.7</b>	<b>22.7</b>
A- Agriculture, Forestry and Fishing	29.5	36.7	18.6	19.6	17.2	11.1
B- Mining and Quarrying	73.9	39.3	49.8	59.4	24.6	29.0
C- Manufacturing	36.5	38.5	33.0	39.4	13.4	16.3
D- Electricity, Gas, Steam and Air Conditioning Supply	34.4	70.0	25.3	48.5	30.4	48.5
E- Water Supply; Sewerage, Waste Management and Remediation Activities	15.3	31.0	11.5	27.3	16.0	17.2
F- Construction	38.8	40.9	22.7	37.7	9.0	10.3
G- Wholesale and Retail Trade; Repair of Motor Vehicles and Motorcycles	29.0	37.6	30.7	32.4	14.4	22.0
H- Transportation and Storage	29.2	41.2	30.0	30.0	17.5	24.1
I- Accommodation and Food Service	45.6	35.4	21.4	35.4	12.6	25.7
K- Financial and Insurance Activities	38.7	39.0	36.3	46.3	20.4	32.7
L- Real Estate Activities	53.1	56.9	53.6	53.5	22.7	17.9
M- Professional, Scientific and Technical Activities	45.1	42.6	51.6	55.0	34.6	35.0
N- Administrative and Support Service Activities	31.0	41.1	41.4	45.9	24.8	31.8
P- Education	15.6	29.1	25.1	29.0	28.8	27.3
Q- Human Health and Social Work Activities	21.4	36.5	24.4	41.1	19.0	25.7
R- Arts, Entertainment and Recreation	30.1	23.4	20.9	25.0	9.5	6.1
S- Other Service Activities	48.0	30.6	28.0	32.1	38.2	11.3

Source: 2010 Survey on Information and Communication Technology (SICT); Final Results  
2013 SICT; Final Results  
Philippine Statistics Authority

Table 1 Non-Core Information and Communication Technology Indicators by Sector: Philippines, 2010 and 2013 *(Continued)*

Industry	Percentage of Establishments which Used the Internet for					
	Sharing or Distribution of Information within the Establishment		Sharing or Distribution of Information with Other Organizations		Obtaining Information from Other Organizations	
	2010	2013	2010	2013	2010	2013
	(35)	(36)	(37)	(38)	(39)	(40)
<b>Philippines</b>	<b>40.6</b>	<b>42.4</b>	<b>35.0</b>	<b>35.4</b>	<b>51.2</b>	<b>45.1</b>
A- Agriculture, Forestry and Fishing	31.0	25.6	29.4	18.6	37.3	32.6
B- Mining and Quarrying	53.9	52.3	52.0	48.5	64.8	67.4
C- Manufacturing	39.4	34.5	35.2	35.6	49.3	42.2
D- Electricity, Gas, Steam and Air Conditioning Supply	52.6	78.6	55.6	74.3	75.9	78.1
E- Water Supply; Sewerage, Waste Management and Remediation Activities	43.2	33.3	49.2	31.3	70.0	69.2
F- Construction	41.2	44.5	38.3	35.0	70.1	50.9
G- Wholesale and Retail Trade; Repair of Motor Vehicles and Motorcycles	40.7	38.9	33.6	31.9	48.9	42.0
H- Transportation and Storage	42.0	48.7	33.5	35.7	72.1	44.9
I- Accommodation and Food Service	31.2	44.7	23.7	31.8	32.2	39.3
K- Financial and Insurance Activities	53.7	65.5	41.3	52.4	75.0	66.2
L- Real Estate Activities	47.2	54.5	39.5	58.3	55.2	62.0
M- Professional, Scientific and Technical Activities	66.1	51.8	52.5	48.4	55.1	55.4
N- Administrative and Support Service Activities	51.2	50.3	48.6	44.7	73.2	49.9
P- Education	41.6	44.4	36.6	32.5	58.0	46.2
Q- Human Health and Social Work Activities	40.7	48.3	30.7	45.6	50.2	56.5
R- Arts, Entertainment and Recreation	36.2	38.7	24.4	29.0	37.9	35.2
S- Other Service Activities	45.8	29.9	17.8	23.9	31.5	35.1

Source: 2010 Survey on Information and Communication Technology (SICT); Final Results  
2013 SICT; Final Results  
Philippine Statistics Authority

Table 1 Non-Core Information and Communication Technology Indicators by Sector: Philippines, 2010 and 2013 *(Continued)*

Industry	Percentage of Establishments which Used the Internet for			
	Obtaining Information from Government Organizations		Downloading or Requesting Government Forms	
	2010	2013	2010	2013
	(41)	(42)	(43)	(44)
<b>Philippines</b>	77.1	80.6	71.8	78.4
A- Agriculture, Forestry and Fishing	74.3	71.1	54.8	69.6
B- Mining and Quarrying	95.6	77.1	87.2	78.9
C- Manufacturing	76.7	83.9	74.7	83.9
D- Electricity, Gas, Steam and Air Conditioning Supply	87.9	95.7	91.0	91.4
E- Water Supply; Sewerage, Waste Management and Remediation Activities	99.0	99.4	88.5	92.0
F- Construction	84.6	80.0	88.0	84.9
G- Wholesale and Retail Trade; Repair of Motor Vehicles and Motorcycles	67.7	76.1	69.4	74.2
H- Transportation and Storage	86.8	80.6	79.9	81.7
I- Accommodation and Food Service	63.6	78.4	40.6	68.2
K- Financial and Insurance Activities	92.5	79.9	78.4	84.8
L- Real Estate Activities	90.9	83.8	94.1	92.1
M- Professional, Scientific and Technical Activities	81.4	77.5	79.6	75.6
N- Administrative and Support Service Activities	91.0	81.5	85.6	84.1
P- Education	83.7	86.2	74.6	83.2
Q- Human Health and Social Work Activities	89.7	89.1	88.7	89.0
R- Arts, Entertainment and Recreation	77.9	77.8	44.5	57.9
S- Other Service Activities	104.9	80.5	135.4	71.5

Source: 2010 Survey on Information and Communication Technology (SICT); Final Results

2013 SICT; Final Results

Philippine Statistics Authority

Table 1 Non-Core Information and Communication Technology Indicators by Sector: Philippines, 2010 and 2013 *(Concluded)*

Industry	Percentage of Establishments which Used the Internet for			
	Completing Forms On-line or Sending Completed Forms		Making On-line Payments to Government Corporations	
	2010	2013	2010	2013
	(45)	(46)	(47)	(48)
<b>Philippines</b>	<b>53.0</b>	<b>63.5</b>	<b>34.8</b>	<b>42.2</b>
A- Agriculture, Forestry and Fishing	39.4	46.5	27.8	42.6
B- Mining and Quarrying	70.9	72.4	57.6	53.2
C- Manufacturing	55.0	64.7	41.6	48.9
D- Electricity, Gas, Steam and Air Conditioning Supply	77.4	91.4	52.1	44.2
E- Water Supply; Sewerage, Waste Management and Remediation Activities	74.2	81.5	21.4	41.4
F- Construction	67.0	71.7	50.6	55.5
G- Wholesale and Retail Trade; Repair of Motor Vehicles and Motorcycles	47.0	58.9	36.0	43.6
H- Transportation and Storage	52.2	59.9	34.8	38.0
I- Accommodation and Food Service	33.1	57.0	21.8	37.3
K- Financial and Insurance Activities	58.9	63.6	43.5	47.0
L- Real Estate Activities	76.5	66.9	61.6	51.9
M- Professional, Scientific and Technical Activities	62.6	66.3	37.0	42.4
N- Administrative and Support Service Activities	55.8	66.4	25.3	42.8
P- Education	62.9	73.9	17.5	28.6
Q- Human Health and Social Work Activities	53.0	81.9	22.4	46.9
R- Arts, Entertainment and Recreation	37.2	48.7	21.1	38.3
S- Other Service Activities	64.9	54.7	49.9	37.8

Source: 2010 Survey on Information and Communication Technology (SICT); Final Results  
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