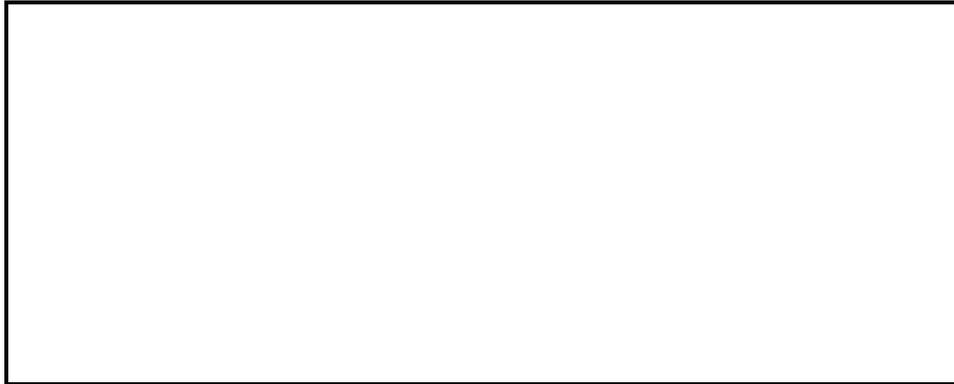




**2017 SURVEY ON INFORMATION AND COMMUNICATION TECHNOLOGY**  
 January – December 2017



Dear Sir/Madam:

The Philippine Statistics Authority (PSA) is conducting the **2017 Survey on Information and Communication Technology (SICT)**. The **2017 SICT** will gather and generate information on the availability, distribution and access/utilization of Information and Communication Technology (ICT) in business and industry in the country.

This Office is authorized to collect information from businesses and industries under **Republic Act No. 10625 (RA 10625)**. Section 27 of the same law obliges establishments to provide the required data. Rest assured that the information collected shall be kept strictly confidential and shall not be used for purposes of taxation, investigation or regulation as provided under Article 55 of the Implementing Rules and Regulations of RA 10625.

We appreciate your utmost cooperation by accomplishing this questionnaire. You may also accomplish the questionnaire online at the PSA website (<https://sict.psa.gov.ph>).

Thank you very much.

LISA GRACE S. BERSALES, Ph.D.  
 Undersecretary  
 National Statistician and Civil Registrar General

For inquiries, contact:

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Telephone Number: \_\_\_\_\_

E-mail Address: \_\_\_\_\_

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or [ESSS-RCU@psa.gov.ph](mailto:ESSS-RCU@psa.gov.ph)

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FN				QN	QS	QR	ECN								
IND				PROV-MUN				BGY			SZ	LO	EO		

**I. GENERAL INFORMATION ABOUT THE ESTABLISHMENT****A. Economic Activity or Business in 2017**

Describe in detail the main activity and other activities of this establishment.

1. **Main activity** (Refers to the activity that contributes the biggest or major portion of the gross income or revenue of this establishment.)

DO NOT FILL (For PSA Use Only)

2009 PSIC

2. **Major products/goods produced or sold and/or type of services rendered (Specify)**

**B. Secondary/Other Activities**

DO NOT FILL (For PSA Use Only)

2009 PSIC

**II. INFORMATION AND COMMUNICATION TECHNOLOGY (ICT) RESOURCES OF THE ESTABLISHMENT**

ICT resources are equipment, knowledge and human resources used to support electronic business/manufacturing processes and the conduct of electronic commerce transactions. It includes computer and peripheral equipment, systems and application software, network channels, telecommunication equipment, routers, satellite and other ICT hardware used in electronic business and commerce transactions, ICT support services and ICT workers.

**A. ICT Equipment**

Indicate below the number of units by type/s of ICT equipment owned by this establishment for use in business operations as of **31 December 2017**.

	Number of Units	LN NO
<b>1. Computers and communication equipment</b> (A computer does not include computer controlled machinery or electronic tills.)		
a. Desktop computers		01
b. Laptop/notebook computers		02
c. Mini computers (Micro and medium servers)		03
d. Mainframe		04
e. Tablet PCs		05
f. Telephone lines (Wired and wireless landlines)		06
g. Cellular mobile phones (Owned by the establishment for use in business transactions; <i>Example: Analog phones for SMS and voice call only</i> )		07
h. Smartphones (Owned by the establishment for use in business transactions; <i>Example: iPhone, android phones</i> )		08
i. Satellite phones (A type of mobile phone that connects to orbiting satellites instead of terrestrial cell sites.)		09
j. Two-way radio ( <i>Example: Walkie-talkie</i> )		10
k. Video/Tele-video conference equipment		11
l. Facsimile equipment		12
m. Point of Sale (POS)		13
n. Automated Teller Machine (ATM)		14
o. Others, <b>Specify:</b> _____		15
<b>2. Other ICT equipment</b>		
a. Global positioning system (GPS) devices (Uses satellites to pinpoint locations.)		16
b. Closed-circuit television (CCTV)		17
c. Printing machine ( <i>Example: Deskjet, inkjet, laser jet, dot matrix, plotters, etc.</i> )		18
d. Camera ( <i>Example: Still photo both film and digital, video</i> )		19
e. Wireless broadband		20
f. Routers		21
g. Gateways		22
h. Fire detection and alarm equipment		23
i. Cable television equipment		24
j. Broadcasting equipment		25
k. Others ( <i>Example: Video projector, satellite equipment and satellite disk</i> ), <b>Specify:</b> _____		26

Continued on Page 3

## II. INFORMATION AND COMMUNICATION TECHNOLOGY (ICT) RESOURCES OF THE ESTABLISHMENT (cont.)

### B. Knowledge

1. <b>System and application software</b> (Software is a general term used to describe a collection of computer programs, procedures and documentation that performs some task on a computer system.)				<b>LN NO</b>	
Did this establishment use system and application software? Mark (✓) appropriate box and <b>specify</b> all major system and application software used in business operation as of <b>31 December 2017</b> . Use additional sheets, if necessary.		<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No		27	
a.				28	
b.				29	
c.				30	
d.				31	
2. <b>Did this establishment use security software?</b> (Security software is a term referring to any computer program with a purpose of securing a computer system or computer network.) Mark (✓) appropriate box.		<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No		32	
3. <b>Did this establishment experience an attack by a malware in 2017?</b> (A malware is software designed to interfere with a computer's normal functioning. <b>Example:</b> Trojan horse, worm, virus, spyware.) Mark (✓) appropriate box.		<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No		33	
a. <b>How many times?</b>				34	
b. <b>How many attacks were prevented?</b>				35	
4. <b>How often did this establishment change its security password?</b> Mark (✓) appropriate box.		<input type="checkbox"/> 1-Not at all <input type="checkbox"/> 4-Semi-annual <input type="checkbox"/> 2-Monthly <input type="checkbox"/> 5-Annually <input type="checkbox"/> 3-Every 4 months <input type="checkbox"/> 6-Others, <b>Specify:</b> _____		36	
5. <b>ICT support services</b> ( <b>Includes:</b> Management of systems development projects; information systems planning; systems analysis work; programming, website development and hosting; consulting; ICT training; electronic payment; ICT research; etc.)					
Mark (✓) applicable box/es.		<b>In-house</b> (1)	<b>Outsourced</b> (2)	<b>Not Applicable</b> (3)	<b>LN NO</b>
a. System or application development and maintenance		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	37
b. Call center or customer service		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	38
c. Finance accounting and auditing		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	39
d. Human resources		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	40
e. Quality assurance or testing		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	41
f. Research and development		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	42
g. Supply chain or logistics		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	43
h. Information security		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	44
i. Cloud service and storage		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	45
j. Data processing and analytics (Big Data)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	46
k. Sales and marketing		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	47
l. Others, <b>Specify:</b> _____		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	48
C. <input type="checkbox"/> <b>Other ICT Resources, Specify:</b> _____				49	
D. <input type="checkbox"/> <b>None</b>				50	

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**III. NETWORK CHANNELS**

Collection of computers connected to each other that allow them to communicate with each other, and share resources and information.

Mark (✓) applicable box/es of network channels used by this establishment in **2017**.

	LN NO
<input type="checkbox"/> <b>1-Wired Local Area Network</b> (Wired LAN uses ethernet cable and network adapters that generally require central devices like hubs, switches or routers to connect the devices.)	01
<input type="checkbox"/> <b>2-Wireless Local Area Network</b> (WLANs send and receive data through the use of radio and infrared waves. A single access point can support a small group of users and can function within a range of less than one hundred to several hundred feet.)	02
<input type="checkbox"/> <b>3-Intranet</b> (Set of networks, using the Internet Protocol (IP) and IP-based tools such as web browsers and file transfer application that is under the control of a single administrative entity.)	03
<input type="checkbox"/> <b>4-Internet</b> (Specific internetwork consisting of a worldwide interconnection of governmental, academic, public and private networks based upon the networking technologies of the Internet Protocol Suite. A communication backbone underlying the world wide web.)	04
<input type="checkbox"/> <b>5-Extranet</b> (Network or internetwork that is limited in scope to a single organization as entity but which also has limited connections to the networks of one or more other organizations or entities.)	05
<input type="checkbox"/> <b>6-Wide Area Network</b> (Computer network that covers a broad area, that is, any network whose communications links cross metropolitan, regional, or national boundaries.)	06
<input type="checkbox"/> <b>7-Others</b> (Example: Virtual Private Network) <b>Specify:</b> _____	07

**IV. INTERNET CONNECTION OF THIS ESTABLISHMENT**

**Did this establishment have the following types of external connection to the Internet in 2017?**

Mark (✓) applicable box/es.

	LN NO
<b>1. Narrowband</b> (A term used to describe an Internet connection speed that is most commonly associated with a dial-up connection where the highest effective speed is approximately 56kbps)	01
<input type="checkbox"/> <b>a- Integrated Services Digital Network (ISDN)</b> (ISDN is a telecommunication service that turns a traditional (copper) telephone line into a higher speed digital link. It is regarded as narrowband.)	02
<input type="checkbox"/> <b>b- Analog modem</b> (Dial-up via standard phone line, converts a digital signal into analog from transmission by traditional (copper) telephone lines. It also converts analog transmission back to digital.)	03
<input type="checkbox"/> <b>c- Other narrowband</b> (With a download speed of less than 256 kbps.)	04
<b>2. Broadband</b> (High-speed internet connection that allows transfer of information at rates far faster than those of dial-up modems)	05
<input type="checkbox"/> <b>a- Cable modem</b> (Modem which uses cable TV lines for connection to the internet.)	06
<input type="checkbox"/> <b>b- Digital Subscriber Line connection (DSL)</b> (DSL is a high-bandwidth, local loop technology carrying data at high speeds over telephone lines. <b>Includes:</b> xDSL, ADSL, SDSL.)	07
<input type="checkbox"/> <b>c- Wireless connection</b> (Newest Internet connection that uses radio frequency instead of telephone or cable networks, and can be accessed from anywhere – as long as geographically within a network coverage area.)	08
<input type="checkbox"/> <b>d- Cellular mobile broadband</b> (This can give broadband access to the Internet, with a cellphone, card bus, express card, USB cellular modems or with cellular broadband routers, which allows more than one computer to be connected to the Internet using cellular connection.)	09
<input type="checkbox"/> <b>e- Satellite</b> (This can give broadband Internet access especially to rural areas.)	10
<input type="checkbox"/> <b>f- Fiber Optics</b> (Fiber optics or optical fiber refers to the medium and technology associated with the transmission of information as light pulses along a glass or plastic strand or fiber.)	11
<input type="checkbox"/> <b>g- TV White Space</b> (White space refers to the unused broadcasting frequencies in the wireless spectrum.)	12
<input type="checkbox"/> <b>h- Other fixed internet connection</b> (Example: Frame relay, metro-ethernet, power line communication, leased line such as E1/E3 at level 1 and ATM at level 2)	13
<b>3. Others, Specify:</b> _____	14

**V. USES OF ICT RESOURCES IN THE OPERATIONS OF THIS ESTABLISHMENT**

Mark (✓) applicable box/es where ICT Resources were used in **2017**. Indicate whether for internal business operation and/or as provider of goods and services.

Activity	For internal business operation (1)	As provider of goods and services (2)	LN NO
1. E-commerce purchasing	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	01
2. E-commerce selling	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	02
3. Finance accounting and auditing	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	03
4. Human resources and automated employee services (Includes: Payroll maintenance, recruitment and staffing)	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	04
5. Legal services	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	05
6. Processing of customer's order and payment	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	06
7. Supply chain and logistics (Includes: Procurement, logistics management)	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	07
8. Manufacture or production process and control	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	08
9. Distribution of ICT goods	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	09
10. Architectural and engineering services (Includes: Consulting; building design and drafting and supervision of construction, town and city planning and landscape architecture; engineering and technical activities.)	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	10
11. Research and development (Includes: Patent research, business and financial research)	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	11
12. Advertising and market research (Includes: Promotion of products, marketing consulting, etc.)	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	12
13. Business and management consultancy (Includes: Overseeing and management of other units, strategic and organizational planning, provision of advice and assistance, etc.)	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	13
14. Financial and insurance services (Includes: Holding companies, monetary intermediation, financial leasing, credit granting, lending, pension funding, pawnshop operation, insurance like health insurance, life insurance, etc.)	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	14
15. Travel and tour services (Includes: Reservation, booking, accommodation, tourist assistance, etc.)	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	15
16. Education and training (Includes: ICT training)	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	16
17. Data processing and data analytics (Includes: Processing of data employing either the customer's or a propriety program; data entry services; time share computer services; web hosting; database activities.)	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	17
18. Medical and legal transcription	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	18
19. Medical and health services	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	19
20. Customer relationship management (Includes: Inbound and outbound call centers, automatic call distribution, computer telephone integration, etc.)	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	20
21. Software development (Includes: Software consultancy and supply)	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	21
22. Publishing (Includes: Books, newspapers, magazines and other periodicals; directories and mailing lists; photos; posters; ready-made non-customized software; music.)	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	22
23. Internet service provider (A company which provides end-users access to the Internet and the associated services such as email, chat rooms, instant messages, Internet telephone, etc.)	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	23

Continued on Page 6

**V. USES OF ICT RESOURCES IN THE OPERATIONS OF THIS ESTABLISHMENT** (cont.)

Mark (✓) applicable box/es where ICT Resources were used in **2017**. Indicate whether for internal business operation and/or as provider of goods and services.

Activity	For internal business operation	As provider of goods and services	LN NO
	(1)	(2)	
24. Creative development, <i>Specify:</i> _____	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	24
25. Animation, game development (Process of giving the illusion of movement to cinematographic drawings, models or inanimate objects thru 2D, 3D, etc.)	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	25
26. Software installation services	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	26
27. Cloud service storage	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	27
28. Sales and marketing	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	28
29. Inventory management	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	29
30. Network and system administration	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	30
31. Search Engine Optimization (SEO)	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	31
32. Other computer related activities (Includes: Computer disaster recovery; software installation services)	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	32
33. Others, <i>Specify:</i> _____	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	33

**VI. USE OF INTERNET FOR OTHER PROCESSES WITHIN THIS ESTABLISHMENT****A. Did this establishment use the Internet for any of the following transactions made and/or accessing information from Philippine government agencies in 2017?**

Mark (✓) appropriate box for each row.

		LN NO
1. Obtaining information from government organizations	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	01
2. Downloading or requesting government forms (Includes: Downloading of forms such as taxation forms, claims, application for permits etc.)	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	02
3. Completing forms online or sending completed forms (Includes: Online completion and submission of form. Example: Applications for permits and documents.)	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	03
4. Making online payments to government organizations (Includes: Payment of fees, payments for purchases, taxation, remittances, etc.; online payments to government organizations may be made via bank's website or other intermediaries.)	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	04
5. Other dealings with government, <i>Specify:</i> _____	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	05

**B. Did this establishment use the Internet for any of the following business operations in 2017?**

Mark (✓) appropriate box for each row.

1. Finance accounting and auditing (Includes: Invoicing and making payments via Internet, online banking.)	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	06
2. Internal or external recruitment (Includes: Details of vacant positions)	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	07
3. Staff training (Includes: E-learning applications available on intranet or from the world wide web)	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	08
4. Sharing or distribution of information within your establishment (Includes: Via intranet or knowledge management software.)	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	09
5. Sharing or distribution of information with other organizations (Includes: Collaboration with business partners.)	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	10
6. Sending or receiving e-mails	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	11
7. Obtaining information from other organizations	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	12
8. Others, <i>Specify:</i> _____	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	13

Continued on Page 7

**VII. WEBSITE OF THIS ESTABLISHMENT**

		LN NO
<b>A. Did this establishment have a website in 2017?</b> Mark (✓) appropriate box.		
<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No		01
<b>B. What is the website of this establishment in 2017?</b> (Please provide the URL of the website of this establishment) _____		02
<b>C. Did the website of this establishment have any of the following features in 2017?</b> Mark (✓) appropriate box for each row.		
1. Company profile	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	03
2. Product catalogues or price lists	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	04
3. Customized web page or information provided for repeat clients	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	05
4. Facility for collecting customer information online	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	06
5. Online ordering facility for products and services	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	07
6. Facility for online payments	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	08
7. Provision of online after sales support	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	09
8. Order tracking available online	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	10
9. Security policy statement and/or security seal or certification	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	11
10. Privacy policy statement and/or privacy seal or certification	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	12
11. Existence of back-end information system	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	13
12. Customer satisfaction or feedback or rating	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	14
13. Log-in page or credentials	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	15
14. Others, <i>Specify:</i> _____		16

**VIII. E-COMMERCE VIA INTERNET**

An **e-commerce transaction** is the sale or purchase of goods or services, conducted over computer networks by methods specifically designed for the purpose of receiving or placing of orders. The goods or services are ordered by those methods, but the payment and the ultimate delivery of the goods or services do not have to be conducted online. (**Includes:** orders made in web pages, extranet or EDI. **Excludes:** orders made by telephone calls, facsimile, or manually typed e-mail.)

		LN NO
<b>A. Did this establishment make purchases for goods and/or services via Internet in 2017?</b> Mark (✓) appropriate box.		
<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No		01
<b>B. Did this establishment receive orders for goods and/or services via Internet in 2017?</b> Mark (✓) appropriate box.		
<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No		02
<b>C. What percent of total revenue was generated from e-commerce via Internet by this establishment in 2017?</b>		
_____ %		03
<b>D. Did this establishment have any of the following suppliers and customers that made transactions via the Internet in 2017?</b> Mark (✓) appropriate box for each row.		
1. Other business establishments	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	04
2. Other units belonging to the same enterprise as this establishment	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	05
3. Individuals or households	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	06
4. Government	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	07
5. Non-profit institutions and/or NGOs	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	08
6. From the rest of the world	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	09

Continued on Page 8

**VIII. E-COMMERCE VIA INTERNET** (cont.)**E. What percent of total revenue from e-commerce via Internet in 2017 was generated by this establishment from:**

Indicate percent share.

	Percent Share	LN NO
1. Customer within the Philippines	_____ %	10
2. Customer outside the Philippines	_____ %	11

**F. Did this establishment benefit from e-commerce transactions in any of the following in 2017?**

Mark (✓) appropriate box for each row.

1. Reduced transaction time	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	12
2. Reduced marketing time	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	13
3. Reduced paper transactions	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	14
4. Increased sales volume and/or number of customers	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	15
5. Increased quality of customer service	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	16
6. Able to better target customers individually	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	17
7. Lower business costs	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	18
8. Keeping pace with competitors	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	19
9. Others, <i>Specify:</i> _____	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	20

**G. Did any of the following factors limit or prevent e-commerce transactions by this establishment in 2017?**

Mark (✓) appropriate box for each row.

1. Security and privacy concerns	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	21
2. Prefer to maintain current business model ( <i>Example: Face to face interaction</i> )	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	22
3. Incompatible computer systems between customer and supplier	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	23
4. Insufficient level of customer demand for purchasing via Internet	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	24
5. Uncertainty concerning legal or regulatory dispute framework for selling and buying via Internet	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	25
6. Too high cost of development and/or maintenance	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	26
7. Lack of skilled employees to develop, maintain or use the required technology	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	27
8. Unreliable Internet connections	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	28
9. Selling over the Internet currently under development or planned in the near future	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	29
10. ICT infrastructure limitation ( <i>Example: Computer hardware limitation</i> )	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	30
11. Others, <i>Specify:</i> _____	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	31

**IX. E-COMMERCE VIA NETWORK CHANNELS OTHER THAN INTERNET****A. Did this establishment purchase goods and/or services via network channels other than Internet in 2017?**

Mark (✓) appropriate box.

	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	01
<b>B. Did this establishment receive orders for goods and/or services via network channels other than Internet in 2017?</b>	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	02
	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	02
<b>C. What percent of total revenue of this establishment was generated from e-commerce via network channels other than Internet in 2017?</b>	_____ %	03

**X. USE OF CELLULAR MOBILE PHONE/SMARTPHONE IN SELLING AND OTHER BUSINESS OPERATION**

<b>A. Did this establishment purchase goods and/or services via SMS or voice call using cellular mobile phone/smartphone in 2017?</b>		<b>LN NO</b>
Mark (✓) appropriate box.	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	01
<b>B. Did this establishment receive order for goods and/or services via SMS or voice call using cellular mobile phone/smartphone in 2017?</b>	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	02
Mark (✓) appropriate box.		
<b>C. What percent of total revenue was generated by this establishment via SMS or voice call using cellular mobile phone/smartphone in 2017?</b>	_____ %	03
<b>D. Did this establishment use cellular mobile phone/smartphone for the following activities in 2017?</b>		
Mark (✓) appropriate box for each row.		
1. Accessing the Internet	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	04
2. Sending or receiving e-mail	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	05
3. Obtaining information about goods and services	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	06
4. Researching other information	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	07
5. Accessing banking or other financial services ( <i>Example: Remittance, payment, etc.</i> )	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	08
6. Providing customer services	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	09
7. Interacting with government organizations or public authorities	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	10
8. Others, <b>Specify:</b> _____	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	11

**XI. SOCIAL MEDIA ACCOUNT OF THIS ESTABLISHMENT**

*Social media is the collective of online communications channels dedicated to community-based input, interaction, content-sharing and collaboration.*

<b>A. Did this establishment have a social media account in 2017?</b>		<b>LN NO</b>
Mark (✓) appropriate box.	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	01
<b>B. What are the social media accounts of this establishment in 2017?</b>	<input type="checkbox"/> 1-Facebook _____ <input type="checkbox"/> 4-Youtube _____ <input type="checkbox"/> 2-Twitter _____ <input type="checkbox"/> 5-Others, <b>Specify:</b> _____ <input type="checkbox"/> 3-Instagram _____	02
Mark (✓) applicable box/es and <b>specify</b> the account name.		
<b>C. Did this establishment use social media accounts for the following activities in 2017?</b>		
Mark (✓) appropriate box for each row.		
1. Connect with clients and/or potential clients	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	03
2. Share news and ideas or publish content	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	04
3. Advertise goods and services	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	05
4. Trade goods and services	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	06
5. Find business reviews	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	07
6. Providing customer services	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	08
7. Interacting with government organizations or public authorities	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	09
8. Others, <b>Specify:</b> _____	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	10
<b>D. Did this establishment purchase goods and/or services via social media in 2017?</b>	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	11
Mark (✓) appropriate box.		
<b>E. Did this establishment receive order for goods and/or services via social media in 2017?</b>	<input type="checkbox"/> 1-Yes <input type="checkbox"/> 2-No	12
Mark (✓) appropriate box.		
<b>F. What percent of total revenue was generated by this establishment via social media in 2017?</b>	_____ %	13

**XII. PURCHASE AND DISPOSAL OF ICT EQUIPMENT**

				LN NO
<b>A. When was the last time this establishment purchased ICT equipment?</b>			Year: <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	01
<b>B. How often does this establishment purchase ICT equipment?</b> Mark (✓) appropriate box.				02
<input type="checkbox"/> 1-Every year	<input type="checkbox"/> 2-Every 2 to 3 years	<input type="checkbox"/> 3-Every 4 to 5 years	<input type="checkbox"/> 4-Others, <i>Specify:</i> _____	
<b>C. How does this establishment dispose its ICT equipment?</b> Mark (✓) applicable box/es.				
<input type="checkbox"/> 1-Auction sale				03
<input type="checkbox"/> 2-Donation				04
<input type="checkbox"/> 3-Takeback program of computer supplier				05
<input type="checkbox"/> 4-Scrap or junk				06
<input type="checkbox"/> 5-Storage				07
<input type="checkbox"/> 6-Others, <i>Specify:</i> _____				08

**XIII. OTHER GENERAL INFORMATION ABOUT THE ESTABLISHMENT****A. EMPLOYMENT AS OF 15 NOVEMBER 2017**

Total employment refers to the number of persons who work in or for the establishment.

**Includes:**

- ✓ Full-time/part-time employees working in or for the establishment and receiving regular pay
- ✓ Employees working away from this establishment paid by and under the control of this establishment
- ✓ Employees on sick or maternity leave
- ✓ Employees on paid vacation or holiday
- ✓ Employees on strike
- ✓ Directors of corporations working for pay
- ✓ Executives/managers and other officers of the same category
- ✓ Working owners receiving regular pay
- ✓ Apprentices and learners receiving regular pay
- ✓ Persons hired only during peak seasons
- ✓ Any other employee receiving regular pay not reported above
- ✓ Working owners who do not receive regular pay
- ✓ Apprentices and learners without regular pay
- ✓ Persons working at least 1/3 of the working time normal to this establishment without regular pay

**Excludes:**

- ✗ Directors paid solely for their attendance at meetings of Board of Directors
- ✗ Consultants
- ✗ Workers on indefinite leave
- ✗ Working owners/members of cooperatives who do not receive regular pay
- ✗ Homeworkers
- ✗ Workers receiving commissions only
- ✗ Other workers not in the payroll of this establishment
- ✗ Silent or inactive business partners

Indicate the number of employees in the space provided.	NUMBER			LN NO
	Total	Male	Female	
1. What was the total employment of this establishment as of 15 November 2017?				01
2. How many employees were routinely using computers at work as of 15 November 2017?				02
3. How many employees were routinely using computers with Internet connection or access from their workstations as of 15 November 2017?				03

Continued on Page 11

**REMARKS****CERTIFICATION**

I hereby certify that this report for the period \_\_\_\_\_ to \_\_\_\_\_ has been completed as accurately as the records of this establishment allow and with the best estimates in some instances.

Name \_\_\_\_\_

Signature \_\_\_\_\_

Position Title/Designation \_\_\_\_\_

Date \_\_\_\_\_

**CONTACT PERSON**

Person to be contacted for queries regarding this form:

Name \_\_\_\_\_

Address \_\_\_\_\_

Position Title/Designation \_\_\_\_\_

\_\_\_\_\_

Tel. No. \_\_\_\_\_ Fax No. \_\_\_\_\_

E-mail Address \_\_\_\_\_

**THANK YOU FOR ACCOMPLISHING THIS FORM!**

**Processing Information: DO NOT FILL (FOR PSA USE ONLY)**

Activity	Name	Signature	Number of items with Errors	Date
<b>Field Office:</b>				
Distributed by				/ /
Collected by				/ /
Field Edited by				/ /
Manually Processed by				/ /
Machine Processed by				/ /
<b>Central Office:</b>				
Validated by				/ /
				/ /

