

Philippines - Survey on Information and Communication Technology 2019

Philippine Statistics Authority (PSA)

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Overview

Identification

ID NUMBER
PHL-PSA-SICT-2019-V2.0

Version

VERSION DESCRIPTION
Version 2.0 : Final dataset for official estimates

PRODUCTION DATE
2022-06-30

Overview

ABSTRACT

The 2019 Survey on Information and Communication Technology (SICT) is the eight in the series of SICT and the fourth conducted by the Philippine Statistics Authority (PSA). It is a rider to the 2019 Annual Survey of Philippine Business and Industry (ASPBI) conducted in 2020.

Specifically, the survey aims to measure the following:

- * component of ICT resources and their utilization by establishments
- * diffusion of ICT into establishments from various sources
- * e-commerce transactions from data on e-commerce sales/revenue and purchases
- * cellular mobile phone business transactions from data on sales/revenue
- * an estimate of the number of ICT workers in establishments
- * methods of disposal of ICT equipment
- * presence of social media accounts of establishments

Some indicators to be generated from the survey are as follows:

- * the proportion of establishments using computer
- * the proportion of employees using computers
- * the proportion of establishments with Internet connections
- * the proportion of employees using the Internet at work
- * the proportion of establishments with Website
- * the proportion of establishments with Intranet
- * the proportion of establishments placing and receiving orders over the Internet
- * the proportion of establishments using the Internet by type of access and activity
- * the proportion of establishments with LAN and Extranet

* the proportion of establishments on methods of disposal of ICT equipment

* the proportion of establishment with social media accounts

KIND OF DATA

Sample survey data [ssd]

UNITS OF ANALYSIS

Establishment - defined as an economic unit under a single ownership or control, i.e., under a single legal entity, engaged in one or predominantly one kind of economic activity at a single fixed location.

Scope

NOTES

The 2019 SICT was undertaken nationwide and covered all industries in the 2019 ASPBI. For the purposes of this survey, these industries were classified as core ICT industries and non-core ICT industries. Core ICT industries are industries comprising the Information Economy (IE).

The Information Economy is a term used to describe the economic and social value created through the ability to rapidly exchange information at anytime, anywhere to anyone. A distinctive characteristic of the information economy 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.

Information Economy is composed of the Information and Communication Technology Sector and the Content and Media Sector. Industries comprising these two sectors are as follows:

a. Information and Communication Technology Sector

ICT manufacturing industries

ICT trade industries

ICT service industries

- Software publishing

- Telecommunication services

- Computer programming, consultancy and related activities

- Data processing, hosting and related activities; web portals

- Repair of computers and communication equipment

b. Content and Media Sector

Publishing activities

Motion picture, video and television programme production, sound recording and music publishing activities

Programming and broadcasting activities

The economic activities composing the core ICT industries in the Philippines are listed below. All the qualified units in these industries with Total Employment of 100 and over were completely covered. On the other hand, non-core ICT industries, regardless of employment sizes were taken on a sampling basis.

List of Core ICT industries in the Philippines: 2009 PSIC

2009 PSIC Industry Description

ICT Manufacturing Industries

C26110 Manufacture of electronic valves and tubes

C26120 Manufacture of semi-conductor devices and other electronic components

C26200 Manufacture of computers and peripheral equipment and accessories

C26300 Manufacture of communication equipment

C26400 Manufacture of consumer electronic

C26800 Manufacture of magnetic and optical media

ICT Trade Industries

G46510 Wholesale of computers, computer peripheral equipment and software

G46521 Wholesale of electronic valves and tubes

G46522 Wholesale of semi-conductor devices

G46523 Wholesale of micro-chips and integrated circuits

G46524 Wholesale of printed circuits

G46526 Wholesale of telephone and communications equipment including parts and accessories

G46527 Wholesale of blank audio and video tapes and diskettes, magnetic and optical disks (CDs, DVDs)

ICT Service Industries

J58200 Software Publishing

Telecommunications Services

Wired telecommunications activities

J61101 Wired (landline) services

J61102 Wired internet access service activities (e.g. DSL, leased line, dial-up)

J61103 Telegraph, facsimile/ telefax, and telex services

J61109 Other wired telecommunication activities , including pay phone

Wireless telecommunications activities

J61201 Wireless landline services

J61202 Mobile telecommunications services

J61203 Wireless internet access services (e.g. Internet Service Provider, broadband)

J61209 Other wireless telecommunication services, n.e.c.

J61300 Satellite telecommunications activities

Other telecommunications activities

J61901 Telephone access in facilities open to the public service activities

J61902 Internet access in facilities open to the public service activities

J61903 Voice Over Internet Protocol (VOIP) service activities

J61909 Other telecommunications service activities, n.e.c.

Computer Programming, Consultancy and Related Activities

J6201 Computer programming activities

J62011* Game design and development

J62019* Other computer programming activities

J62020 Computer consultancy and computer facilities management activities

J62090 Other information technology and computer service activities

Data processing, hosting and related activities; web portals

J63111 Data processing

J63112 Website hosting services

J63113 Application hosting services

J63120 Web portals

Repair of computers and communication equipment

S95110 Repair of computers and peripheral equipment

S95120 Repair of communication equipment

S95210 Repair of consumer electronics

Content and Media Industries

Publishing Activities

J58110 Book publishing

J58120 Publishing of directories and mailing lists

J58130 Publishing of newspapers, journals and periodicals

J58190 Other publishing activities

J63910 News agency activities

J63990 Other information service activities, n.e.c

Motion picture, video and television programme production, sound recording and music publishing activities

J5911 Motion picture, video and television programme activities

J59111* Pre & main production of traditional & 2D animation

J59112* Pre & main production of 3D animation

J59119* Pre & main production of other motion films and etc.

J5912 Motion picture, video and television programme post-production activities

J59121* Post production of traditional & 2D animation

J59122* Post production of 3D animation

J59129* Post production of other motion films and etc.

J59130 Motion picture, video and television programme distribution activities

J59140 Motion picture projection activities

J59201 Sound recording activities

J59202 Publishing of music

Programming and broadcasting activities

J60101 Radio broadcasting and relay station and studios

J60102 Radio program production

J60103 Radio broadcasting activities over the Internet (internet radio stations)

J60201 Television broadcasting and relay station and studios including closed circuit television services

J60202 Television program production

J60203 Television broadcasting activities over the Internet (internet radio stations)

* temporary industry codes for split industries (J59110, J59120 and J62010)

Business Process Management (BPM) industries under the Information and Communication sector and Administrative Support Service Activities will also be covered in this survey round.

According to the website <<https://bpm.com/what-is-bpm>> , Business Process Management (BPM) is a discipline involving any combination of modeling, automation, execution, control, measurement and optimization of business activity flows, in support of enterprise goals, spanning systems, employees, customers and partners within and beyond the enterprise boundaries. Below shows the list of BPM industries in the country.

List of BPM industries in the Philippines: 2009 PSIC

2009 PSIC Industry Description

BPM under Information and Communication Sector

J58200* Software Publishing

J62011* Game design and development

J62019* Other computer programming activities

J62020* Computer consultancy and computer facilities management activities

J62090* Other information technology and computer service activities

J63111* Data processing

J63112* Website hosting services

J63113* Application hosting services

J63120* Web portals

J58190* Other publishing activities

J59111* Pre & main production of traditional & 2D animation

J59112* Pre & main production of 3D animation

J59121* Post production of traditional & 2D animation

J59122* Post production of 3D animation

BPM under Administrative and Support Service Activities

N78103 On-line employment placement agencies

N82211 Customer relationship management activities

N82212 Sales and marketing (including telemarketing) activities

N82219 Other call centers activities (voice), n.e.c.

N82221 Finance and accounting activities

N82222 Human resources and training activities

N82223 Administrative support activities

N82224 Document processes activities

N82225 Payroll maintenance and other transaction processing activities

N82226 Medical Transcription activities

N82227 Legal services activities

N82228 Supply chain management activities

N82229 Other back office operations activities, n.e.c

N82291 Engineering outsourcing activities

N82292 Product development activities

N82293 Publishing outsourcing activities

N82294 Research and analysis activities

N82295 Intellectual property research and documentation activities

N82296 Security outsourcing activities

N82299 Other non-voice related activities, n.e.c.

* Industries which are both Core ICT industries and BPM.

TOPICS

Topic	Vocabulary	URI
Science, technology and innovation	Philippine Statistics Authority	
Information society	Philippine Statistics Authority	

Business and agricultural surveys	Philippine Statistics Authority	
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KEYWORDS

Survey, Employment, Information Communication Technology, Core, Non-Core, Business Process Management, Establishment

Coverage

GEOGRAPHIC COVERAGE

The geographic domain for establishments under core ICT and BPM industries is the region, while for those establishments classified under non-core ICT industries, the geographic domain is at the national level. Hence, the samples of the 2019 SICT for core ICT and BPM industries can provide estimates at the regional level, while the non-core ICT industries can provide data at the national level only.

UNIVERSE

The samples of the 2019 Annual Survey of Philippine Business and Industry.

Producers and Sponsors

PRIMARY INVESTIGATOR(S)

Name	Affiliation
Philippine Statistics Authority (PSA)	National Economic and Development Authority (NEDA)

FUNDING

Name	Abbreviation	Role
Government of the Philippines	GOP	

Metadata Production

METADATA PRODUCED BY

Name	Abbreviation	Affiliation	Role
Services Statistics Division - Economic Sector Statistics Service	SSD-ESSS	Philippine Statistics Authority	Documenter

DATE OF METADATA PRODUCTION

2022-09-06

DDI DOCUMENT VERSION

Version 2.0 - Final metadata documentation of SICT 2019

DDI DOCUMENT ID

DDI-PHL-PSA-SICT-2019-V2.0

Sampling

Sampling Procedure

The 2019 SICT utilized the stratified systematic sampling design with 3-digit PSIC serving as industry strata (industry domain) and the employment size as the second stratification variable, except for ICT Core and BPM industries which is at the 5-digit PSIC level.

Industry Domain

The industry domain, referred as industry stratum, for the 2019 SICT are the 5-digit PSIC level (sub-class) for core ICT industries and BPM industries and 3-digit PSIC level (industry group) for non-core ICT industries. Generally, the industry strata are the same for all establishments within the Micro, Small and Medium classification.

MSME Domain

Considering the need for data on MSMEs, the establishments were grouped according to the following:

- Micro - Total employment of 1 to 9
- Small - Total employment of 10 to 99
- Medium - Total employment of 100 to 199
- Large - Total employment of 200 and over

Geographic Domain

For all employment sizes, the geographic domain for the core ICT and BPM industries are the regions; while for the non-core ICT industries will be at the national level for 2019 SICT.

Sample Size and Allocation

The primary consideration in the determination of sample size for the survey was its manageability at the optimum level of estimated budget without compromising the reliability and timely release of survey results. The sample size was computed based on the target CV of eight (8) percent.

The sample size was determined by MSME Classification and Industry Stratum. Minimum sample size is set to 5 establishments per cell (industry domain and employment stratum). However, when the total number of establishments (N) in the cell is equal to or less than the set minimum sample size, all establishments in that cell are taken as samples.

Samples under Certainty Stratum

All establishments with TE 100 and over under the core ICT and BPM industries (Stratum 1) were already considered as samples for the survey.

Allocation for Non-Certainty

Proportional allocation was applied to the non-certainty employment strata for each 5-digit level (industry sub-class) under core ICT and BPM industries within the region. Furthermore, samples were proportionately allocated for each 3-digit level (industry group) under non-core ICT industries at the national level.

Sample Selection

For core ICT and BPM Industries, the samples were selected using stratified systematic sampling within the region while non-core ICT industries were at the national level. The establishments are sorted by province from largest actual employment to smallest actual employment, business name and ECN.

Stratified Systematic sampling was chosen so that the TE values of the sample establishments are spread out, resulting from good representation of samples within the employment stratum, thus avoiding all sample establishments with low TE values or high TE values.

Response Rate

The overall response rate for the 2019 SICT is 78.1 percent (10,120 of the 12,959 sample establishments). This included receipts of "good" questionnaires, partially accomplished questionnaires, and reports of closed, moved out, or out of scope establishments. In addition, 384 establishments responded online.

Weighting

For Core ICT and BPM industries with TE 100 and over, the weight is equal to 1.

Estimation Procedure

For Core Industries,

Base Weight

The base weight is the inverse of the probability of selection. For the SICT, the base weight for each domain is given by:

$$Whk = Nh/nh$$

where:

Whk = weight of the kth establishment in the hth stratum

Nh = total no. of establishments in the hth stratum

nh = total no. of sample establishments in the hth stratum

h = refers to the industry-employment stratum

Adjustment Factor

To take into account the non-responding sample establishments, the adjustment factor by region and industry domain is as follows:

Formula

For Non-core industries,

Weight Adjustment Factor for Non-Response

To account for non-response in the non-certainty strata, the adjustment factor (n/n') was multiplied with the sampling weight (W) of each of the sampling unit. The sampling weight, defined as N/n , was recomputed as

$$W' = N/n * n/n' = N/n'$$

Thus, the adjusted weight ($W'sj$) for employment stratum in TE of 20 and over was

$$W'sj = Ns/ns * ns/n's = Ns/n's$$

where:

Ns = total number of establishments in the employment stratum in TE 20 and over in the sth industry domain

$n's$ = number of responding establishments in the employment stratum in TE 20 and over in the sth industry domain

Questionnaires

Overview

There is only one type of questionnaire for the 2019 SICT which will capture data for sample establishments of the 18 sectors of the economy as defined in the 2009 PSIC. The clearance number for the 2019 SICT Form 1 is PSA-2042, and its expiry date is 30 September 2021.

The 2019 SICT questionnaire is available in three versions, namely, printed, electronic and online.

Printed Questionnaire

The printed questionnaire will be distributed to sample establishments by PSA personnel and will be collected one week after.

Electronic Questionnaire

The electronic copy of the questionnaire, whether in excel or fillable pdf file, is to be emailed to sample establishments either by CO or PSO personnel, upon request.

Online Questionnaire

The questionnaires can be accessed online at <https://sict.psa.gov.ph>. This URL is indicated in the cover page of the questionnaire as well as in the SICT primer which will also be distributed to establishments. Furthermore, the URL is mentioned in the notification email that will be sent to sample establishments two weeks before the start of the distribution of questionnaires.

I General Information about this Establishment
 II Information and Communication Technology (ICT) Resources of this Establishment
 III Network Channels
 IV Internet Connection of this Establishment
 V Uses of ICT Resources in the Operations of this Establishment
 VI Use of Internet for Other Processes within the Establishment
 VII Website of this Establishment
 VIII E-Commerce via Internet and Network Channels other than Internet
 IX Use of Cellular Mobile Phone/Smartphone in Selling and other Business Operation
 X Social Media Account of this Establishment
 XI Purchase and Disposal of ICT Equipment
 XII Other General Information about the Establishment
 XIII Evaluation of the SICT Questionnaire
 Remarks
 Certification
 Contact Person
 Processing Information

Due to the developments in the ICT industries, the data items to be collected in the 2019 SICT questionnaire had been evaluated by the PSA in coordination with DICT. Hence, revisions were adapted with the addition of some data items and categories of the data items of the 2019 SICT questionnaire.

Furthermore, the following were indicated in the questionnaire for emphasis and guidance:

1. Confidentiality of information (as stated in Section 26 of RA 10625)
2. Penalties (as stated in Section 27 of RA 10625)
3. Instructions on how to accomplish the questionnaire online
4. Definition of total employment, and paid and unpaid employees

An evaluation of the 2019 SICT questionnaire was also included after accomplishing the general information about the establishment.

Data Collection

Data Collection Dates

Start	End	Cycle
2020-11-10	2021-01-29	N/A

Time Periods

Start	End	Cycle
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Data Collection Mode

Face-to-face [f2f]

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I General Information about this Establishment

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VII Website of this Establishment

VIII E-Commerce via Internet and Network Channels other than Internet

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Data Collectors

Name	Abbreviation	Affiliation
Philippine Statistics Authority	PSA	National Economic and Development Authority

Supervision

To ensure quality of data during operations, close supervision of enumeration was undertaken by RDs/PSOs/OICs/Regional and Provincial Statisticians.

Data Processing

Data Editing

Manual processing took place in Provincial Offices at a number of stages throughout the processing, including:

- * coding of some data items
- * editing of questionnaires
- * completeness of entries
- * consistency check among variables

Data processing was done in Field Offices and Central Office.

Field Offices

- * online data encoding and updating
- * completeness and consistency edits
- * folioing of questionnaires

Central Office

- * online validation
- * completeness and consistency checks
- * summarization
- * tabulation

Detailed documentation of the editing of data can be found in the "Data processing guidelines" document provided as an external resource.

Other Processing

The SICT 2019 utilized the Establishment Data Management System or EDMS. It has seven functional modules namely Data Entry, Validation, Tabulation, Query, User Account, Monitoring and Tracking and Sampling Stratification.

Data Appraisal

No content available

File Description

Variable List

SICT 2019

Content	The file contains data related to the SICT 2019
Cases	0
Variable(s)	317
Structure	Type: Keys: ()
Version	
Producer	Philippine Statistics Authority (PSA)
Missing Data	

Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V524	maininfo.FN	Folio Name	discrete	character	Folio Number
V525	maininfo.QN	Questionnaire Number	discrete	numeric	Questionnaire Number
V310	maininfo.QS	Questionnaire Status	discrete	numeric	Questionnaire Status
V580	maininfo.QR	Quality of Report	discrete	numeric	Quality of Report
V573	maininfo.Ind	Industry	discrete	character	2009 PSIC Code
V314	maininfo.Prv	Province	discrete	numeric	Province Code
V578	maininfo.Mun	Municipality	discrete	numeric	Municipality Code
V579	maininfo.Bgy	Barangay	discrete	numeric	Barangay Code
V532	maininfo.Sz	Size	discrete	numeric	Size Code
V529	maininfo.LO	Legal Organization	discrete	numeric	Economic Organization Code
V317	maininfo.EO	Economic Organization	discrete	numeric	Legal Organization Code
V554	maininfo.MEA	Main Economic Activity	discrete	character	Describe in detail the main activity and other activities of this establishment.
V555	maininfo.MProd	Major Products	discrete	character	Describe in detail the main activity and other activities of this establishment.
V577	maininfo.rInd	reported Industry	discrete	character	
V326	maininfo.SEA	Secondary Economic Activity	discrete	character	Secondary Economic Activity
V576	maininfo.rInd2	reported Industry 2	discrete	character	2009 PSIC code for reported SEA
V693	maininfo.YSO	Year started operation	contin	numeric	Year Started Operation
V107	maininfo.Weight	Weight	discrete	numeric	Reported LO code
V108	maininfo.final_weight	Final Weight	discrete	numeric	Reported LO Other Description
V520	resources.2_L1	Desktop computers	contin	numeric	Number of Units
V329	resources.2_L2	Laptop/Notebook Computers	contin	numeric	Number of Units
V330	resources.2_L3	Minicomputers	contin	numeric	Number of Units
V331	resources.2_L4	Mainframe	contin	numeric	Number of Units
V332	resources.2_L5	Tablet PCs	contin	numeric	Number of Units
V333	resources.2_L6	Telephone lines	contin	numeric	Number of Units
V334	resources.2_L7	Cellular mobile phones	contin	numeric	Number of Units

V131	resources.2_L8	Smartphones	contin	numeric	Number of Units
V132	resources.2_L9	Satellite phones	contin	numeric	Number of Units
V133	resources.2_L10	Two-way radio	contin	numeric	Number of Units
V134	resources.2_L11	Video/Tele-video conference equipment	contin	numeric	Number of Units
V135	resources.2_L12	Facsimile equipment	contin	numeric	Number of Units
V136	resources.2_L13	Point of Sale (POS)	contin	numeric	Number of Units
V137	resources.2_L14	Automated Teller Machine (ATM)	contin	numeric	Number of Units
V353	resources.2_L15	Other computers and communication equipment	contin	numeric	Number of Units
V560	resources.2_L15_D	Specified other computers and communication equipment	discrete	character	Others, (computer and communication equipment) Specify:
V140	resources.2_L16	Global Positioning System (GPS) devices	contin	numeric	Number of units
V141	resources.2_L17	Closed-circuit television (CCTV)	contin	numeric	Number of units
V142	resources.2_L18	Printing Machine	contin	numeric	Number of units
V521	resources.2_L19	Camera	contin	numeric	Number of units
V522	resources.2_L20	Wireless broadband	contin	numeric	Number of units
V523	resources.2_L21	Routers	contin	numeric	Number of units
V146	resources.2_L22	Gateways	contin	numeric	Number of units
V147	resources.2_L23	Fire detection and alarm equipment	contin	numeric	Number of units
V148	resources.2_L24	Cable television equipment	contin	numeric	Number of units
V149	resources.2_L25	Broadcasting equipment	contin	numeric	Number of units
V358	resources.2_L26	Other ICT equipment	contin	numeric	Number of units
V561	resources.2_L26_D	Specified other ICT equipment	discrete	character	Others (Example: Video projector, satellite equipment and satellite disk), Specify:
V359	resources.2_L27	Use system and application software	discrete	numeric	Did this establishment use system and application software in 2019?
V584	resources.2_L28_C1	System software 1	discrete	character	Specify all major system and application software used in business operation as of 31 December 2019.
V585	resources.2_L28_C2	Application software 1	discrete	character	Specify all major system and application software used in business operation as of 31 December 2019.
V356	resources.2_L29_C1	System software 2	discrete	character	Specify all major system and application software used in business operation as of 31 December 2019.
V586	resources.2_L29_C2	Application software 2	discrete	character	Specify all major system and application software used in business operation as of 31 December 2019.

V587	resources.2_L30_C1	System software 3	discrete	character	Specify all major system and application software used in business operation as of 31 December 2019.
V588	resources.2_L30_C2	Application software 3	discrete	character	Specify all major system and application software used in business operation as of 31 December 2019.
V562	resources.2_L31_C1	System software 4	discrete	character	Specify all major system and application software used in business operation as of 31 December 2019.
V563	resources.2_L31_C2	Application software 4	discrete	character	Specify all major system and application software used in business operation as of 31 December 2019.
V163	resources.2_L32	Use security software	discrete	numeric	Did this establishment use security software in 2019?
V564	resources.2_L33	Cyberattack experience	discrete	numeric	Did this establishment experience cyberattack in 2019?
V361	resources.2_L34	Number of attacks	contin	numeric	How many times?
V169	resources.2_L35	Attacks prevented	contin	numeric	How many attacks were prevented?
V170	resources.2_L36	Frequency of changing password	discrete	numeric	How often did this establishment change its security password?
V590	resources.2_L36_D	Specified other frequency of changing password	discrete	character	Others, specify:
V172	resources.2_L37_C1	System or application development and maintenance (In-house)	discrete	numeric	Indicate whether the support service is in-house, outsourced or not applicable.
V591	resources.2_L37_C2	System or application development and maintenance (Outsourced)	discrete	numeric	Indicate whether the support service is in-house, outsourced or not applicable.
V592	resources.2_L37_C3	System or application development and maintenance (Not Applicable)	discrete	numeric	Indicate whether the support service is in-house, outsourced or not applicable.
V175	resources.2_L38_C1	Call center or customer service (In-house)	discrete	numeric	Indicate whether the support service is in-house, outsourced or not applicable.
V593	resources.2_L38_C2	Call center or customer service (Outsourced)	discrete	numeric	Indicate whether the support service is in-house, outsourced or not applicable.
V594	resources.2_L38_C3	Call center or customer service (Not Applicable)	discrete	numeric	Indicate whether the support service is in-house, outsourced or not applicable.
V178	resources.2_L39_C1	Finance accounting and auditing (In-house)	discrete	numeric	Indicate whether the support service is in-house, outsourced or not applicable.
V595	resources.2_L39_C2	Finance accounting and auditing (Outsourced)	discrete	numeric	Indicate whether the support service is in-house, outsourced or not applicable.
V596	resources.2_L39_C3	Finance accounting and auditing (Not Applicable)	discrete	numeric	Indicate whether the support service is in-house, outsourced or not applicable.

V181	resources.2_L40_C1	Human resources (In-house)	discrete	numeric	Indicate whether the support service is in-house, outsourced or not applicable.
V597	resources.2_L40_C2	Human resources (Outsourced)	discrete	numeric	Indicate whether the support service is in-house, outsourced or not applicable.
V598	resources.2_L40_C3	Human resources (Not Applicable)	discrete	numeric	Indicate whether the support service is in-house, outsourced or not applicable.
V184	resources.2_L41_C1	Quality assurance or testing (In-house)	discrete	numeric	Indicate whether the support service is in-house, outsourced or not applicable.
V599	resources.2_L41_C2	Quality assurance or testing (Outsourced)	discrete	numeric	Indicate whether the support service is in-house, outsourced or not applicable.
V600	resources.2_L41_C3	Quality assurance or testing (Not Applicable)	discrete	numeric	Indicate whether the support service is in-house, outsourced or not applicable.
V187	resources.2_L42_C1	Research and development (In-house)	discrete	numeric	Indicate whether the support service is in-house, outsourced or not applicable.
V601	resources.2_L42_C2	Research and development (Outsourced)	discrete	numeric	Indicate whether the support service is in-house, outsourced or not applicable.
V602	resources.2_L42_C3	Research and development (Not Applicable)	discrete	numeric	Indicate whether the support service is in-house, outsourced or not applicable.
V190	resources.2_L43_C1	Supply chain or logistics (In-house)	discrete	numeric	Indicate whether the support service is in-house, outsourced or not applicable.
V603	resources.2_L43_C2	Supply chain or logistics (Outsourced)	discrete	numeric	Indicate whether the support service is in-house, outsourced or not applicable.
V604	resources.2_L43_C3	Supply chain or logistics (Not Applicable)	discrete	numeric	Indicate whether the support service is in-house, outsourced or not applicable.
V193	resources.2_L44_C1	Information security (In-house)	discrete	numeric	Indicate whether the support service is in-house, outsourced or not applicable.
V605	resources.2_L44_C2	Information security (Outsourced)	discrete	numeric	Indicate whether the support service is in-house, outsourced or not applicable.
V606	resources.2_L44_C3	Information security (Not Applicable)	discrete	numeric	Indicate whether the support service is in-house, outsourced or not applicable.
V196	resources.2_L45_C1	Cloud service and storage (In-house)	discrete	numeric	Indicate whether the support service is in-house, outsourced or not applicable.
V611	resources.2_L45_C2	Cloud service and storage (Outsourced)	discrete	numeric	Indicate whether the support service is in-house, outsourced or not applicable.
V607	resources.2_L45_C3	Cloud service and storage (Not Applicable)	discrete	numeric	Indicate whether the support service is in-house, outsourced or not applicable.

V199	resources.2_L46_C1	Data processing and analytics (In-house)	discrete	numeric	Indicate whether the support service is in-house, outsourced or not applicable.
V609	resources.2_L46_C2	Data processing and analytics (Outsourced)	discrete	numeric	Indicate whether the support service is in-house, outsourced or not applicable.
V610	resources.2_L46_C3	Data processing and analytics (Not Applicable)	discrete	numeric	Indicate whether the support service is in-house, outsourced or not applicable.
V202	resources.2_L47_C1	Other ICT support services (In-house)	discrete	numeric	Indicate whether the support service is in-house, outsourced or not applicable.
V608	resources.2_L47_C2	Other ICT support services (Outsourced)	discrete	numeric	Indicate whether the support service is in-house, outsourced or not applicable.
V205	resources.2_L47_C3	Other ICT support services (Not Applicable)	discrete	numeric	Indicate whether the support service is in-house, outsourced or not applicable.
V616	resources.2_L47_D	Specified other ICT support service	discrete	character	Others, specify:
V613	resources.2_L48	Other ICT Resources in 2019	discrete	numeric	Other ICT Resources in 2019, Specify:
V615	resources.2_L48_D	Specified other ICT Resources in 2019	discrete	character	Other ICT Resources in 2019, Specify:
V617	resources.2_L49	None	discrete	numeric	Other ICT Resources, Specify:
V618	resources.3_L1	Wired Local Area Network	discrete	numeric	Mark applicable box/es.
V619	resources.3_L2	Wireless Local Area Network	discrete	numeric	Mark applicable box/es.
V620	resources.3_L3	Intranet	discrete	numeric	Mark applicable box/es.
V621	resources.3_L4	Internet	discrete	numeric	Mark applicable box/es.
V612	resources.3_L5	Internet Protocol (IP) version	discrete	numeric	What version of Internet Protocol (IP) is being used by this establishment?
V622	resources.3_L6	Extranet	discrete	numeric	Mark applicable box/es.
V623	resources.3_L7	Wide Area Network	discrete	numeric	Mark applicable box/es.
V624	resources.3_L8	Other Network Channels	discrete	numeric	Mark applicable box/es.
V502	resources.3_L8_D	Specified Other Network Channels	discrete	character	Others (Example: Virtual Private Network) Specify:
V625	resources.4_L2	Integrated Services Digital Network	discrete	numeric	Did this establishment have the following types of external connection to the Internet in 2019?
V626	resources.4_L3	Analog Modem	discrete	numeric	Did this establishment have the following types of external connection to the Internet in 2019?
V627	resources.4_L4	Other narrowband	discrete	numeric	Did this establishment have the following types of external connection to the Internet in 2019?
V628	resources.4_L6	Cable modem	discrete	numeric	Did this establishment have the following types of external connection to the Internet in 2019?
V629	resources.4_L7	Digital Subscriber Line connection (DSL)	discrete	numeric	Did this establishment have the following types of external connection to the Internet in 2019?

V630	resources.4_L8	Wireless connection	discrete	numeric	Did this establishment have the following types of external connection to the Internet in 2019?
V631	resources.4_L9	Cellular Mobile broadband	discrete	numeric	Did this establishment have the following types of external connection to the Internet in 2019?
V632	resources.4_L10	Satellite	discrete	numeric	Did this establishment have the following types of external connection to the Internet in 2019?
V633	resources.4_L11	Fiber Optics	discrete	numeric	Did this establishment have the following types of external connection to the Internet in 2019?
V634	resources.4_L12	TV White Space	discrete	numeric	Did this establishment have the following types of external connection to the Internet in 2019?
V635	resources.4_L13	Other fixed internet connection	discrete	numeric	Did this establishment have the following types of external connection to the Internet in 2019?
V492	resources.4_L14	Specified other internet connection	discrete	character	Others, specify;
V229	uses.5_L1_C1	E-commerce purchasing (For internal business operation)	discrete	numeric	For internal business operation?
V230	uses.5_L1_C2	E-commerce purchasing (As provider of goods and services)	discrete	numeric	As provider of goods and services?
V490	uses.5_L2_C1	E- commerce selling (For internal business operation)	discrete	numeric	For internal business operation?
V232	uses.5_L2_C2	E- commerce selling (As provider of goods and services)	discrete	numeric	As provider of goods and services?
V233	uses.5_L3_C1	Finance accounting and auditing (For internal business operation)	discrete	numeric	For internal business operation?
V234	uses.5_L3_C2	Finance accounting and auditing (As provider of goods and services)	discrete	numeric	As provider of goods and services?
V235	uses.5_L4_C1	Human resources and automated employee services (For internal business operation)	discrete	numeric	For internal business operation?
V236	uses.5_L4_C2	Human resources and automated employee services (As provider of goods and services)	discrete	numeric	As provider of goods and services?
V237	uses.5_L5_C1	Legal services (For internal business operation)	discrete	numeric	For internal business operation?
V489	uses.5_L5_C2	Legal services (As provider of goods and services)	discrete	numeric	As provider of goods and services?
V239	uses.5_L6_C1	Processing of customer's order and payment (For internal business operation)	discrete	numeric	For internal business operation?
V488	uses.5_L6_C2	Processing of customer's order and payment (As provider of goods and services)	discrete	numeric	As provider of goods and services?
V342	uses.5_L7_C1	Supply chain and logistics (For internal business operation)	discrete	numeric	For internal business operation?
V242	uses.5_L7_C2	Supply chain and logistics (As provider of goods and services)	discrete	numeric	As provider of goods and services?

V343	uses.5_L8_C1	Manufacture or production process and control (For internal business operation)	discrete	numeric	For internal business operation?
V244	uses.5_L8_C2	Manufacture or production process and control (As provider of goods and services)	discrete	numeric	As provider of goods and services?
V245	uses.5_L9_C1	Distribution of ICT goods (For internal business operation)	discrete	numeric	For internal business operation?
V246	uses.5_L9_C2	Distribution of ICT goods (As provider of goods and services)	discrete	numeric	As provider of goods and services?
V637	uses.5_L10_C1	Architectural and engineering services (For internal business operation)	discrete	numeric	For internal business operation?
V636	uses.5_L10_C2	Architectural and engineering services (As provider of goods and services)	discrete	numeric	As provider of goods and services?
V640	uses.5_L11_C1	Research and development (For internal business operation)	discrete	numeric	For internal business operation?
V639	uses.5_L11_C2	Research and development (As provider of goods and services)	discrete	numeric	As provider of goods and services?
V638	uses.5_L12_C1	Advertising and market research (For internal business operation)	discrete	numeric	For internal business operation?
V641	uses.5_L12_C2	Advertising and market research (As provider of goods and services)	discrete	numeric	As provider of goods and services?
V247	uses.5_L13_C1	Business and management consultancy (For internal business operation)	discrete	numeric	For internal business operation?
V248	uses.5_L13_C2	Business and management consultancy (As provider of goods and services)	discrete	numeric	As provider of goods and services?
V249	uses.5_L14_C1	Financial and insurance services (For internal business operation)	discrete	numeric	For internal business operation?
V250	uses.5_L14_C2	Financial and insurance services (As provider of goods and services)	discrete	numeric	As provider of goods and services?
V251	uses.5_L15_C1	Travel and tour services (For internal business operation)	discrete	numeric	For internal business operation?
V487	uses.5_L15_C2	Travel and tour services (As provider of goods and services)	discrete	numeric	As provider of goods and services?
V253	uses.5_L16_C1	Education and training (For internal business operation)	discrete	numeric	For internal business operation?
V254	uses.5_L16_C2	Education and training (As provider of goods and services)	discrete	numeric	As provider of goods and services?
V255	uses.5_L17_C1	Data processing and data analytics (For internal business operation)	discrete	numeric	For internal business operation?
V256	uses.5_L17_C2	Data processing and data analytics (As provider of goods and services)	discrete	numeric	As provider of goods and services?
V257	uses.5_L18_C1	Medical and legal transcription (For internal business operation)	discrete	numeric	For internal business operation?

V258	uses.5_L18_C2	Medical and legal transcription (As provider of goods and services)	discrete	numeric	As provider of goods and services?
V259	uses.5_L19_C1	Medical and health services (For internal business operation)	discrete	numeric	For internal business operation?
V260	uses.5_L19_C2	Medical and health services (As provider of goods and services)	discrete	numeric	As provider of goods and services?
V261	uses.5_L20_C1	Customer relationship management (For internal business operation)	discrete	numeric	For internal business operation?
V262	uses.5_L20_C2	Customer relationship management (As provider of goods and services)	discrete	numeric	As provider of goods and services?
V263	uses.5_L21_C1	Software development (For internal business operation)	discrete	numeric	For internal business operation?
V264	uses.5_L21_C2	Software development (As provider of goods and services)	discrete	numeric	As provider of goods and services?
V265	uses.5_L22_C1	Publishing (For internal business operation)	discrete	numeric	For internal business operation?
V266	uses.5_L22_C2	Publishing (As provider of goods and services)	discrete	numeric	As provider of goods and services?
V267	uses.5_L23_C1	Internet service provider (For internal business operation)	discrete	numeric	For internal business operation?
V268	uses.5_L23_C2	Internet service provider (As provider of goods and services)	discrete	numeric	As provider of goods and services?
V275	uses.5_L24_C1	Creative development (For internal business operation)	discrete	numeric	For internal business operation?
V276	uses.5_L24_C2	Creative development (As provider of goods and services)	discrete	numeric	As provider of goods and services?
V643	uses.5_L24_D	Specified creative development	discrete	character	
V277	uses.5_L25_C1	Animation, game development (For internal business operation)	discrete	numeric	For internal business operation?
V278	uses.5_L25_C2	Animation, game development (As provider of goods and services)	discrete	numeric	As provider of goods and services?
V279	uses.5_L26_C1	Software installation services (For internal business operation)	discrete	numeric	For internal business operation?
V280	uses.5_L26_C2	Software installation services (As provider of goods and services)	discrete	numeric	As provider of goods and services?
V281	uses.5_L27_C1	Cloud service storage (For internal business operation)	discrete	numeric	For internal business operation?
V513	uses.5_L27_C2	Cloud service storage (As provider of goods and services)	discrete	numeric	As provider of goods and services?
V284	uses.5_L28_C1	Sales and marketing (For internal business operation)	discrete	numeric	For internal business operation?
V285	uses.5_L28_C2	Sales and marketing (As provider of goods and services)	discrete	numeric	As provider of goods and services?
V286	uses.5_L29_C1	Inventory management (For internal business operation)	discrete	numeric	For internal business operation?
V287	uses.5_L29_C2	Inventory management (As provider of goods and services)	discrete	numeric	As provider of goods and services?

V288	uses.5_L30_C1	Network and system administration (For internal business operation)	discrete	numeric	For internal business operation?
V289	uses.5_L30_C2	Network and system administration (As provider of goods and services)	discrete	numeric	As provider of goods and services?
V290	uses.5_L31_C1	Search Engine Optimization (SEO) (For internal business operation)	discrete	numeric	For internal business operation?
V291	uses.5_L31_C2	Search Engine Optimization (SEO) (As provider of goods and services)	discrete	numeric	As provider of goods and services?
V292	uses.5_L32_C1	Other computer related activities (For internal business operation)	discrete	numeric	For internal business operation?
V293	uses.5_L32_C2	Other computer related activities (As provider of goods and services)	discrete	numeric	As provider of goods and services?
V294	uses.5_L33_C1	Other uses of ICT resources (For internal business operation)	discrete	numeric	For internal business operation?
V295	uses.5_L33_C2	Other uses of ICT resources (As provider of goods and services)	discrete	numeric	As provider of goods and services?
V644	uses.5_L33_D	Specified other uses of ICT resources	discrete	character	
V512	uses.6_L1	Obtaining information from government organizations	discrete	numeric	Did this establishment use the Internet for any of the following transactions made and/or accessing information from Philippine government agencies in 2019?
V304	uses.6_L2	Downloading or requesting government forms	discrete	numeric	Did this establishment use the Internet for any of the following transactions made and/or accessing information from Philippine government agencies in 2019?
V305	uses.6_L3	Completing forms online or sending completed forms	discrete	numeric	Did this establishment use the Internet for any of the following transactions made and/or accessing information from Philippine government agencies in 2019?
V306	uses.6_L4	Making online payments to government organizations	discrete	numeric	Did this establishment use the Internet for any of the following transactions made and/or accessing information from Philippine government agencies in 2019?
V645	uses.6_L5	Other dealings with government	discrete	numeric	Did this establishment use the Internet for any of the following transactions made and/or accessing information from Philippine government agencies in 2019?
V647	uses.6_L5_D	Specified other dealings with government	discrete	character	Did this establishment use the Internet for any of the following transactions made and/or accessing information from Philippine government agencies in 2019?

V376	uses.6_L6	Internet banking	discrete	numeric	Did this establishment use the Internet for any of the following business operations in 2019?
V377	uses.6_L7	Accessing other financial services	discrete	numeric	Did this establishment use the Internet for any of the following business operations in 2019?
V378	uses.6_L8	Internal or external recruitment	discrete	numeric	Did this establishment use the Internet for any of the following business operations in 2019?
V379	uses.6_L9	Staff training	discrete	numeric	Did this establishment use the Internet for any of the following business operations in 2019?
V380	uses.6_L10	Sharing or distribution of information within your establishment	discrete	numeric	Did this establishment use the Internet for any of the following business operations in 2019?
V381	uses.6_L11	Sharing or distribution of information with other organizations	discrete	numeric	Did this establishment use the Internet for any of the following business operations in 2019?
V382	uses.6_L12	Sending or receiving e-mails	discrete	numeric	Did this establishment use the Internet for any of the following business operations in 2019?
V649	uses.6_L13	Obtaining information from other organizations	discrete	numeric	Did this establishment use the Internet for any of the following business operations in 2019?
V650	uses.6_L14	Providing customer services	discrete	numeric	Did this establishment use the Internet for any of the following business operations in 2019?
V651	uses.6_L15	Delivering products online	discrete	numeric	Did this establishment use the Internet for any of the following business operations in 2019?
V652	uses.6_L16	Telephoning over the Internet/VoIP or using videoconferencing	discrete	numeric	Did this establishment use the Internet for any of the following business operations in 2019?
V653	uses.6_L17	Instant messaging, bulletin boards	discrete	numeric	Did this establishment use the Internet for any of the following business operations in 2019?
V557	uses.6_L18	Other business operation using the Internet	discrete	numeric	Did this establishment use the Internet for any of the following business operations in 2019?
V556	uses.6_L18_D	Specified other business operation using the Internet	discrete	character	Others, specify;
V385	uses.7_L1	Have a website	discrete	numeric	Did this establishment have a website in 2019?
V517	uses.7_L2	URL of website	discrete	character	What is the website of this establishment in 2019?
V387	uses.7_L3	Company profile	discrete	numeric	Did the website of this establishment have any of the following features in 2019?
V388	uses.7_L4	Product catalogues or price lists	discrete	numeric	Did the website of this establishment have any of the following features in 2019?
V389	uses.7_L5	Customized web page or information provided for repeat clients	discrete	numeric	Did the website of this establishment have any of the following features in 2019?

V390	uses.7_L6	Facility for collecting customer information online	discrete	numeric	Did the website of this establishment have any of the following features in 2019?
V391	uses.7_L7	Online ordering facility for products and services	discrete	numeric	Did the website of this establishment have any of the following features in 2019?
V392	uses.7_L8	Facility for online payments	discrete	numeric	Did the website of this establishment have any of the following features in 2019?
V393	uses.7_L9	Provision of online after sales support	discrete	numeric	Did the website of this establishment have any of the following features in 2019?
V394	uses.7_L10	Order tracking available online	discrete	numeric	Did the website of this establishment have any of the following features in 2019?
V395	uses.7_L11	Security policy statement and/or security seal or certification	discrete	numeric	Did the website of this establishment have any of the following features in 2019?
V396	uses.7_L12	Privacy policy statement and/or privacy seal or certification	discrete	numeric	Did the website of this establishment have any of the following features in 2019?
V397	uses.7_L13	Existence of back-end information system	discrete	numeric	Did the website of this establishment have any of the following features in 2019?
V398	uses.7_L14	Customer satisfaction or feedback or rating	discrete	numeric	Did the website of this establishment have any of the following features in 2019?
V399	uses.7_L15	Log-in page or credentials	discrete	numeric	Did the website of this establishment have any of the following features in 2019?
V400	uses.7_L16	Web Accessibility Features for PWD	discrete	numeric	Did the website of this establishment have any of the following features in 2019?
V516	uses.7_L17	Specified other website feature	discrete	character	Did the website of this establishment have any of the following features in 2019? Others, Specify:
V401	uses.8_L1	Purchases for goods/services via internet excluding social media	discrete	numeric	Did this establishment make purchases for goods and/or services via internet excluding social media in 2019?
V402	uses.8_L2	Purchases for goods/services via network channels other than internet	discrete	numeric	Did this establishment make purchases for goods and/or services via network channels other than internet in 2019?
V654	uses.8_L2_D	Specified network channels other than internet used to purchase for goods/services	discrete	character	Did this establishment make purchases for goods and/or services via network channels other than internet in 2019? Specify:
V404	uses.8_L3	Receive orders for goods/services via internet excluding social media	discrete	numeric	Did this establishment receive orders for goods and/or services via internet excluding social media in 2019?

V405	uses.8_L4	Receive orders for goods/services via network channels other than internet	discrete	numeric	Did this establishment receive orders for goods and/or services via network channels other than internet in 2019?
V655	uses.8_L4_D	Specified network channels other than internet used to receive orders for goods/services	discrete	character	Did this establishment receive orders for goods and/or services via network channels other than internet in 2019? Specify:
V407	uses.8_L5	Percentage of Revenue generated from e-commerce via internet excluding social media	contin	numeric	What percent of total revenue was generated from e-commerce via internet excluding social media by this establishment in 2019?
V408	uses.8_L6	Percentage of Revenue generated from e-commerce via network channels other than internet	contin	numeric	What percent of total revenue was generated from e-commerce via network channels other than internet by this establishment in 2019?
V692	uses.8_L6_D	Specified network channels other than internet	discrete	character	What percent of total revenue was generated from e-commerce via network channels other than internet by this establishment in 2019? Specify:
V410	uses.8_L7	Customer within the Philippines	contin	numeric	What percent of total revenue from e-commerce via Internet in 2019 was generated by this establishment from Customer within the Philippines?
V411	uses.8_L8	Customer outside the Philippines	contin	numeric	What percent of total revenue from e-commerce via Internet in 2019 was generated by this establishment from Customer outside the Philippines?
V412	uses.8_L9	Other business establishments	discrete	numeric	Did this establishment have any of the following suppliers and customers that made transactions via the Internet in 2019?
V413	uses.8_L10	Other units belonging to the same enterprise as this establishment	discrete	numeric	Did this establishment have any of the following suppliers and customers that made transactions via the Internet in 2019?
V414	uses.8_L11	Individuals or households	discrete	numeric	Did this establishment have any of the following suppliers and customers that made transactions via the Internet in 2019?
V415	uses.8_L12	Government	discrete	numeric	Did this establishment have any of the following suppliers and customers that made transactions via the Internet in 2019?
V416	uses.8_L13	Non-profit institutions and/or NGOs	discrete	numeric	Did this establishment have any of the following suppliers and customers that made transactions via the Internet in 2019?
V417	uses.8_L14	From the rest of the world	discrete	numeric	Did this establishment have any of the following suppliers and customers that made transactions via the Internet in 2019?
V418	uses.8_L15	Reduced transaction time	discrete	numeric	Did this establishment benefit from e-commerce transactions in any of the following in 2019?

V419	uses.8_L16	Reduced marketing time	discrete	numeric	Did this establishment benefit from e-commerce transactions in any of the following in 2019?
V420	uses.8_L17	Reduced paper transactions	discrete	numeric	Did this establishment benefit from e-commerce transactions in any of the following in 2019?
V657	uses.8_L18	Increased sales volume and/or number of customers	discrete	numeric	Did this establishment benefit from e-commerce transactions in any of the following in 2019?
V422	uses.8_L19	Increased quality of customer service	discrete	numeric	Did this establishment benefit from e-commerce transactions in any of the following in 2019?
V423	uses.8_L20	Able to better target customers individually	discrete	numeric	Did this establishment benefit from e-commerce transactions in any of the following in 2019?
V424	uses.8_L21	Lower business costs (Example: reduced transportation/logistics time/cost)	discrete	numeric	Did this establishment benefit from e-commerce transactions in any of the following in 2019?
V425	uses.8_L22	Keeping pace with competitors	discrete	numeric	Did this establishment benefit from e-commerce transactions in any of the following in 2019?
V426	uses.8_L23	Other benefit from e-commerce transactions	discrete	numeric	Did this establishment benefit from e-commerce transactions in any of the following in 2019?
V658	uses.8_L23_D	Specified other benefit from e-commerce transactions	discrete	character	Did this establishment benefit from e-commerce transactions in any of the following in 2019? Others, specify:
V428	uses.8_L24	Security and privacy concerns	discrete	numeric	Did any of the following factors limit or prevent e-commerce transactions by this establishment in 2019?
V429	uses.8_L25	Prefer to maintain current business model(Example: Face to face interaction)	discrete	numeric	Did any of the following factors limit or prevent e-commerce transactions by this establishment in 2019?
V430	uses.8_L26	Incompatible computer systems between customer and supplier	discrete	numeric	Did any of the following factors limit or prevent e-commerce transactions by this establishment in 2019?
V431	uses.8_L27	Insufficient level of customer demand for purchasing via Internet	discrete	numeric	Did any of the following factors limit or prevent e-commerce transactions by this establishment in 2019?
V432	uses.8_L28	Uncertainty concerning legal or regulatory dispute framework for selling and buying via Internet	discrete	numeric	Did any of the following factors limit or prevent e-commerce transactions by this establishment in 2019?
V433	uses.8_L29	Too high cost of development and/or maintenance	discrete	numeric	Did any of the following factors limit or prevent e-commerce transactions by this establishment in 2019?
V659	uses.8_L30	Lack of skilled employees to develop, maintain or use the required technology	discrete	numeric	Did any of the following factors limit or prevent e-commerce transactions by this establishment in 2019?

V660	uses.8_L31	Unreliable Internet connections	discrete	numeric	Did any of the following factors limit or prevent e-commerce transactions by this establishment in 2019?
V661	uses.8_L32	Selling over the Internet currently under development or planned in the near future	discrete	numeric	Did any of the following factors limit or prevent e-commerce transactions by this establishment in 2019?
V662	uses.8_L33	ICT infrastructure limitation	discrete	numeric	Did any of the following factors limit or prevent e-commerce transactions by this establishment in 2019?
V663	uses.8_L34	Other factors limiting or preventing e-commerce transactions	discrete	numeric	Did any of the following factors limit or prevent e-commerce transactions by this establishment in 2019?
V665	uses.8_L34_D	Specified other factors limiting or preventing e-commerce transactions	discrete	character	Did any of the following factors limit or prevent e-commerce transactions by this establishment in 2019? Others, specify:
V538	uses.9_L1	Purchases goods and/or services via SMS or voice call using cellular mobile phone/smartphone	discrete	numeric	Did this establishment purchase goods and/or services via SMS or voice call using cellular mobile phone/smartphone in 2019?
V539	uses.9_L2	Receive order for goods and/or services via SMS or voice call using cellular mobile phone/smartphone	discrete	numeric	Did this establishment receive order for goods and/or services via SMS or voice call using cellular mobile phone/smartphone in 2019?
V540	uses.9_L3	Percentage of Revenue generated from SMS or voice call using cellular mobile phone/smartphone	contin	numeric	What percent of total revenue was generated by this establishment via SMS or voice call using cellular mobile phone/smartphone in 2019?
V434	uses.9_L4	Accessing the Internet	discrete	numeric	Did this establishment use cellular mobile phone/smartphone for the following activities in 2019?
V435	uses.9_L5	Sending or receiving e-mail	discrete	numeric	Did this establishment use cellular mobile phone/smartphone for the following activities in 2019?
V436	uses.9_L6	Obtaining information about goods and services	discrete	numeric	Did this establishment use cellular mobile phone/smartphone for the following activities in 2019?
V541	uses.9_L7	Researching other information	discrete	numeric	Did this establishment use cellular mobile phone/smartphone for the following activities in 2019?
V437	uses.9_L8	Accessing banking or other financial services	discrete	numeric	Did this establishment use cellular mobile phone/smartphone for the following activities in 2019?
V438	uses.9_L9	Providing customer services	discrete	numeric	Did this establishment use cellular mobile phone/smartphone for the following activities in 2019?
V439	uses.9_10	Interacting with government organizations or public authorities	discrete	numeric	Did this establishment use cellular mobile phone/smartphone for the following activities in 2019?
V440	uses.9_L11	Other uses of cellular mobile phone/smartphone	discrete	numeric	Did this establishment use cellular mobile phone/smartphone for the following activities in 2019?

V666	uses.9_L11_D	Specified other uses of cellular mobile phone/smartphone	discrete	character	Did this establishment use cellular mobile phone/smartphone for the following activities in 2019? Others, specify:
V442	uses.10_L1	Have a social media	discrete	numeric	Did this establishment have a social media account in 2019?
V535	uses.10_L2_1	Facebook	discrete	numeric	What are the social media accounts of this establishment in 2019?
V542	uses.10_L2_1_D	Specified Facebook Account	discrete	character	Facebook
V443	uses.10_L2_2	Twitter	discrete	numeric	What are the social media accounts of this establishment in 2019?
V667	uses.10_L2_2_D	Specified Twitter Account	discrete	character	Twitter
V445	uses.10_L2_3	Instagram	discrete	numeric	What are the social media accounts of this establishment in 2019?
V668	uses.10_L2_3_D	Specified Instagram Account	discrete	character	Instagram
V447	uses.10_L2_4	Youtube	discrete	numeric	What are the social media accounts of this establishment in 2019?
V669	uses.10_L2_4_D	Specified Youtube Account	discrete	character	Youtube
V671	uses.10_L2_5	Other social media account	discrete	numeric	What are the social media accounts of this establishment in 2019?
V670	uses.10_L2_5_D	Specified other social media account	discrete	character	Others, specify:
V451	uses.10_L3	Connect with clients and/or potential clients	discrete	numeric	Did this establishment use social media accounts for the following activities in 2019?
V452	uses.10_L4	Share news and ideas or publish content	discrete	numeric	Did this establishment use social media accounts for the following activities in 2019?
V453	uses.10_L5	Advertise goods and services	discrete	numeric	Did this establishment use social media accounts for the following activities in 2019?
V454	uses.10_L6	Trade goods and services	discrete	numeric	Did this establishment use social media accounts for the following activities in 2019?
V455	uses.10_L7	Find business reviews	discrete	numeric	Did this establishment use social media accounts for the following activities in 2019?
V456	uses.10_L8	Providing customer services	discrete	numeric	Did this establishment use social media accounts for the following activities in 2019?
V457	uses.10_L9	Interacting with government organizations or public authorities	discrete	numeric	Did this establishment use social media accounts for the following activities in 2019?
V673	uses.10_L10	Other uses of social media accounts of the establishment	discrete	numeric	Did this establishment use social media accounts for the following activities in 2019?
V672	uses.10_L10_D	Specified other uses of social media accounts of the establishment	discrete	character	Did this establishment use social media accounts for the following activities in 2019? Others, specify:
V674	uses.10_L11	Have existing social media policy in 2019	discrete	numeric	Does this establishment have existing social media policy in 2019?

V675	uses.10_L12	Purchase goods and/or services via social media	discrete	numeric	Did this establishment purchase goods and/or services via social media in 2019?
V676	uses.10_L13	Receive orders for goods and/or services via social media	discrete	numeric	Did this establishment receive order for goods and/or services via social media in 2019?
V677	uses.10_L14	Percentage of Revenue generated from social media	contin	numeric	What percent of total revenue was generated by this establishment via social media in 2019?
V678	uses.11_L1	Year last purchased ICT equipment	discrete	numeric	When was the last time this establishment purchased ICT equipment?
V679	uses.11_L2	Frequency of purchasing ICT equipment	discrete	numeric	How often does this establishment purchase ICT equipment?
V689	uses.11_L2_D	Specified other frequency of purchasing ICT equipment	discrete	character	How often does this establishment purchase ICT equipment? Others, specify:
V681	uses.11_L3	Sale (Auction, Bidding, Online)	discrete	numeric	How does this establishment dispose its ICT equipment in 2019?
V682	uses.11_L4	Donation	discrete	numeric	How does this establishment dispose its ICT equipment in 2019?
V683	uses.11_L5	Takeback program of computer supplier	discrete	numeric	How does this establishment dispose its ICT equipment in 2019?
V684	uses.11_L6	Scrap or junk	discrete	numeric	How does this establishment dispose its ICT equipment in 2019?
V685	uses.11_L7	Storage/Warehouse	discrete	numeric	How does this establishment dispose its ICT equipment in 2019?
V686	uses.11_L8	Other mode of disposal of ICT equipment	discrete	numeric	How does this establishment dispose its ICT equipment in 2019?
V690	uses.11_L8_D	Specified other mode of disposal of ICT equipment	discrete	character	How does this establishment dispose its ICT equipment in 2019? Others, specify:
V688	uses.11_L9	Have policy on e-waste disposal of ICT equipment	discrete	numeric	Did this establishment have policy on e-waste disposal of their ICT equipment in 2019?
V460	otherinfo.12_L1_C1	Male Employees routinely using computer at work	contin	numeric	Did this establishment receive orders for goods and/or services via social media in 2017?
V461	otherinfo.12_L1_C2	Female Employees routinely using computer at work	contin	numeric	What percent total revenue was generated by this establishment via social media in 2017?
V462	otherinfo.12_L1_C3	Total Employees routinely using computer at work	contin	numeric	When was the last time this establishment purchase ICT equipment?
V463	otherinfo.12_L2_C1	Male Employees routinely using computers with Internet at work	contin	numeric	How often does this establishment purchase of ICT equipment?
V565	otherinfo.12_L2_C2	Female Employees routinely using computers with Internet at work	contin	numeric	How does this establishment dispose its ICT equipment?
V566	otherinfo.12_L2_C3	Total Employees routinely using computers with Internet at work	contin	numeric	How does this establishment dispose its ICT equipment?

Folio Name (maininfo.FN)

File: SICT 2019

Overview

Type: Discrete

Valid cases: 0

Format: character

Width: 1

Literal question

Folio Number

Questionnaire Number (maininfo.QN)

File: SICT 2019

Overview

Type: Discrete

Valid cases: 0

Format: numeric

Invalid: 0

Width: 1

Decimals: 0

Literal question

Questionnaire Number

Questionnaire Status (maininfo.QS)

File: SICT 2019

Overview

Type: Discrete

Valid cases: 0

Format: numeric

Invalid: 0

Width: 1

Decimals: 0

Range: 1-16

Literal question

Questionnaire Status

Quality of Report (maininfo.QR)

File: SICT 2019

Overview

Type: Discrete

Valid cases: 0

Format: numeric

Invalid: 0

Width: 6

Decimals: 0

Range: 1-5

Literal question

Quality of Report

Industry (maininfo.Ind)

File: SICT 2019

Overview

Type: Discrete
Format: character
Width: 1

Valid cases: 0
Invalid: 0

Literal question

2009 PSIC Code

Province (maininfo.Prv)

File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0

Valid cases: 0
Invalid: 0

Literal question

Province Code

Municipality (maininfo.Mun)

File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0

Valid cases: 0
Invalid: 0

Literal question

Municipality Code

Barangay (maininfo.Bgy)

File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0

Valid cases: 0
Invalid: 0

Literal question

Barangay Code

Size (maininfo.Sz)

File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-9

Valid cases: 0
Invalid: 0

Literal question

Size Code

Legal Organization (maininfo.LO)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 1-7

Valid cases: 0
 Invalid: 0

Pre question

Economic Activity or Business in 2017. Describe in detail the main activity and other activities of this establishment.

Literal question

Economic Organization Code

Economic Organization (maininfo.EO)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 1-5

Valid cases: 0
 Invalid: 0

Literal question

Legal Organization Code

Main Economic Activity (maininfo.MEA)

File: SICT 2019

Overview

Type: Discrete
 Format: character
 Width: 3

Valid cases: 0

Literal question

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

Major Products (maininfo.MProd)

File: SICT 2019

Overview

Type: Discrete
 Format: character
 Width: 3

Valid cases: 0

Literal question

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

reported Industry (maininfo.rInd)

File: SICT 2019

Overview

Type: Discrete
Format: character
Width: 1

Valid cases: 0
Invalid: 0

Secondary Economic Activity (maininfo.SEA) File: SICT 2019

Overview

Type: Discrete
Format: character
Width: 39

Valid cases: 0

Literal question

Secondary Economic Activity

reported Industry 2 (maininfo.rInd2) File: SICT 2019

Overview

Type: Discrete
Format: character
Width: 2

Valid cases: 0
Invalid: 0

Literal question

2009 PSIC code for reported SEA

Year started operation (maininfo.YSO) File: SICT 2019

Overview

Type: Continuous
Format: numeric
Width: 4
Decimals: 0

Valid cases: 0
Invalid: 0

Literal question

Year Started Operation

Weight (maininfo.Weight) File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 4
Decimals: 0
Range: 0-5040

Valid cases: 0
Invalid: 0

Literal question

Reported LO code

Final Weight (maininfo.final_weight) File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 3
 Decimals: 0
 Range: 0-384

Valid cases: 0
 Invalid: 0

Literal question

Reported LO Other Description

Desktop computers (resources.2_L1)

File: SICT 2019

Overview

Type: Continuous
 Format: numeric
 Width: 10
 Decimals: 0

Valid cases: 0
 Invalid: 0

Pre question

Indicate the number of units by type of ICT equipment owned by this establishment for use in business operations as of 31 December 2019.

Literal question

Number of Units

Laptop/Notebook Computers (resources.2_L2)

File: SICT 2019

Overview

Type: Continuous
 Format: numeric
 Width: 27
 Decimals: 0

Valid cases: 0
 Invalid: 0

Description

Include:

Pre question

Indicate the number of units by type of ICT equipment owned by this establishment for use in business operations as of 31 December 2019.

Literal question

Number of Units

Minicomputers (resources.2_L3)

File: SICT 2019

Overview

Type: Continuous
 Format: numeric
 Width: 10
 Decimals: 0

Valid cases: 0
 Invalid: 0

Description

Include:

Pre question

Indicate the number of units by type of ICT equipment owned by this establishment for use in business operations as of 31 December 2019.

Literal question

Number of Units

Mainframe (resources.2_L4)

File: SICT 2019

Overview

Type: Continuous
 Format: numeric
 Width: 11
 Decimals: 0

Valid cases: 0
 Invalid: 0

Description

Include:

Pre question

Indicate the number of units by type of ICT equipment owned by this establishment for use in business operations as of 31 December 2019.

Literal question

Number of Units

Tablet PCs (resources.2_L5)

File: SICT 2019

Overview

Type: Continuous
 Format: numeric
 Width: 13
 Decimals: 0

Valid cases: 0
 Invalid: 0

Description

Include:

Pre question

Indicate the number of units by type of ICT equipment owned by this establishment for use in business operations as of 31 December 2019.

Literal question

Number of Units

Telephone lines (resources.2_L6)

File: SICT 2019

Overview

Type: Continuous
 Format: numeric
 Width: 7
 Decimals: 0

Valid cases: 0
 Invalid: 0

Description

Include:

Pre question

Indicate the number of units by type of ICT equipment owned by this establishment for use in business operations as of 31 December 2019.

Literal question

Number of Units

Cellular mobile phones (resources.2_L7)

File: SICT 2019

Overview

Type: Continuous
 Format: numeric
 Width: 19
 Decimals: 0

Valid cases: 0
 Invalid: 0

Description

Include:

Pre question

Indicate the number of units by type of ICT equipment owned by this establishment for use in business operations as of 31 December 2019.

Literal question

Number of Units

Smartphones (resources.2_L8)

File: SICT 2019

Overview

Type: Continuous
 Format: numeric
 Width: 1
 Decimals: 0

Valid cases: 0
 Invalid: 0

Description

Include:

Pre question

Indicate the number of units by type of ICT equipment owned by this establishment for use in business operations as of 31 December 2019.

Literal question

Number of Units

Satellite phones (resources.2_L9)

File: SICT 2019

Overview

Type: Continuous
 Format: numeric
 Width: 1
 Decimals: 0

Valid cases: 0
 Invalid: 0

Description

Include:

Pre question

Indicate the number of units by type of ICT equipment owned by this establishment for use in business operations as of 31 December 2019.

Literal question

Number of Units

Two-way radio (resources.2_L10)

File: SICT 2019

Overview

Type: Continuous
 Format: numeric
 Width: 1
 Decimals: 0
 Range: -1

Valid cases: 0
 Invalid: 0

Description

Include:

Pre question

Indicate the number of units by type of ICT equipment owned by this establishment for use in business operations as of 31 December 2019.

Literal question

Number of Units

Video/Tele-video conference equipment (resources.2_L11)

File: SICT 2019

Overview

Type: Continuous
 Format: numeric
 Width: 1
 Decimals: 0

Valid cases: 0
 Invalid: 0

Description

Include:

Pre question

Indicate the number of units by type of ICT equipment owned by this establishment for use in business operations as of 31 December 2019.

Literal question

Number of Units

Facsimile equipment (resources.2_L12)

File: SICT 2019

Overview

Type: Continuous
 Format: numeric
 Width: 1
 Decimals: 0

Valid cases: 0
 Invalid: 0

Description

Include:

Pre question

Indicate the number of units by type of ICT equipment owned by this establishment for use in business operations as of 31 December 2019.

Literal question

Number of Units

Point of Sale (POS) (resources.2_L13)

File: SICT 2019

Overview

Type: Continuous
 Format: numeric
 Width: 1
 Decimals: 0

Valid cases: 0
 Invalid: 0

Description

Include:

Pre question

Indicate the number of units by type of ICT equipment owned by this establishment for use in business operations as of 31 December 2019.

Literal question

Number of Units

Automated Teller Machine (ATM) (resources.2_L14)

File: SICT 2019

Overview

Type: Continuous

Format: numeric

Width: 1

Decimals: 0

Valid cases: 0

Invalid: 0

Description

Include:

Pre question

Indicate the number of units by type of ICT equipment owned by this establishment for use in business operations as of 31 December 2019.

Literal question

Number of Units

Other computers and communication equipment (resources.2_L15)

File: SICT 2019

Overview

Type: Continuous

Format: numeric

Width: 57

Decimals: 0

Valid cases: 0

Invalid: 0

Description

Include:

Pre question

Indicate the number of units by type of ICT equipment owned by this establishment for use in business operations as of 31 December 2019.

Literal question

Number of Units

Specified other computers and communication equipment (resources.2_L15_D)

File: SICT 2019

Overview

Type: Discrete

Format: character

Width: 1

Valid cases: 0

Description

Include:

Pre question

Specify:

Literal question

Others, (computer and communication equipment) Specify:

Global Positioning System (GPS) devices (resources.2_L16)

File: SICT 2019

Overview

Type: Continuous
Format: numeric
Width: 1
Decimals: 0

Valid cases: 0
Invalid: 0

Description

Include:

Pre question

Indicate the number of units by type of ICT equipment owned by this establishment for use in business operations as of 31 December 2019.

Literal question

Number of units

Closed-circuit television (CCTV) (resources.2_L17)

File: SICT 2019

Overview

Type: Continuous
Format: numeric
Width: 1
Decimals: 0

Valid cases: 0
Invalid: 0

Description

Include:

Pre question

Indicate the number of units by type of ICT equipment owned by this establishment for use in business operations as of 31 December 2019.

Literal question

Number of units

Printing Machine (resources.2_L18)

File: SICT 2019

Overview

Type: Continuous
Format: numeric
Width: 1
Decimals: 0

Valid cases: 0
Invalid: 0

Description

Include:

Pre question

Indicate the number of units by type of ICT equipment owned by this establishment for use in business operations as of 31 December 2019.

Literal question

Number of units

Camera (resources.2_L19)

File: SICT 2019

Overview

Type: Continuous
 Format: numeric
 Width: 35
 Decimals: 0

Valid cases: 0
 Invalid: 0

Description

Include:

Pre question

Indicate the number of units by type of ICT equipment owned by this establishment for use in business operations as of 31 December 2019.

Literal question

Number of units

Wireless broadband (resources.2_L20)

File: SICT 2019

Overview

Type: Continuous
 Format: numeric
 Width: 1
 Decimals: 0

Valid cases: 0
 Invalid: 0

Pre question

Indicate the number of units by type of ICT equipment owned by this establishment for use in business operations as of 31 December 2019.

Literal question

Number of units

Routers (resources.2_L21)

File: SICT 2019

Overview

Type: Continuous
 Format: numeric
 Width: 29
 Decimals: 0

Valid cases: 0
 Invalid: 0

Pre question

Indicate the number of units by type of ICT equipment owned by this establishment for use in business operations as of 31 December 2019.

Literal question

Number of units

Gateways (resources.2_L22)

File: SICT 2019

Overview

Type: Continuous
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-2

Valid cases: 0
 Invalid: 0

Pre question

Indicate the number of units by type of ICT equipment owned by this establishment for use in business operations as of 31 December 2019.

Literal question

Number of units

Fire detection and alarm equipment (resources.2_L23)

File: SICT 2019

Overview

Type: Continuous
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 0
Invalid: 0

Pre question

Indicate the number of units by type of ICT equipment owned by this establishment for use in business operations as of 31 December 2019.

Literal question

Number of units

Cable television equipment (resources.2_L24)

File: SICT 2019

Overview

Type: Continuous
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 0
Invalid: 0

Pre question

Indicate the number of units by type of ICT equipment owned by this establishment for use in business operations as of 31 December 2019.

Literal question

Number of units

Broadcasting equipment (resources.2_L25)

File: SICT 2019

Overview

Type: Continuous
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 0
Invalid: 0

Pre question

Indicate the number of units by type of ICT equipment owned by this establishment for use in business operations as of 31 December 2019.

Literal question

Number of units

Other ICT equipment (resources.2_L26)

File: SICT 2019

Overview

Type: Continuous
 Format: numeric
 Width: 14
 Decimals: 0
 Range: 0-1

Valid cases: 0
 Invalid: 0

Pre question

Indicate the number of units by type of ICT equipment owned by this establishment for use in business operations as of 31 December 2019.

Literal question

Number of units

Specified other ICT equipment (resources.2_L26_D)

File: SICT 2019

Overview

Type: Discrete
 Format: character
 Width: 1

Valid cases: 0

Pre question

Specify:

Literal question

Others (Example: Video projector, satellite equipment and satellite disk), Specify:

Use system and application software (resources.2_L27)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 44
 Decimals: 0
 Range: 0-1

Valid cases: 0
 Invalid: 0

Literal question

Did this establishment use system and application software in 2019?

System software 1 (resources.2_L28_C1)

File: SICT 2019

Overview

Type: Discrete
 Format: character
 Width: 1

Valid cases: 0

Literal question

Specify all major system and application software used in business operation as of 31 December 2019.

Application software 1 (resources.2_L28_C2)

File: SICT 2019

Overview

Type: Discrete

Valid cases: 0

Format: character

Width: 1

Literal question

Specify all major system and application software used in business operation as of 31 December 2019.

System software 2 (resources.2_L29_C1)

File: SICT 2019

Overview

Type: Discrete

Valid cases: 0

Format: character

Width: 52

Literal question

Specify all major system and application software used in business operation as of 31 December 2019.

Application software 2 (resources.2_L29_C2)

File: SICT 2019

Overview

Type: Discrete

Valid cases: 0

Format: character

Width: 1

Literal question

Specify all major system and application software used in business operation as of 31 December 2019.

System software 3 (resources.2_L30_C1)

File: SICT 2019

Overview

Type: Discrete

Valid cases: 0

Format: character

Width: 1

Literal question

Specify all major system and application software used in business operation as of 31 December 2019.

Application software 3 (resources.2_L30_C2)

File: SICT 2019

Overview

Type: Discrete

Valid cases: 0

Format: character

Width: 1

Literal question

Specify all major system and application software used in business operation as of 31 December 2019.

System software 4 (resources.2_L31_C1)

File: SICT 2019

Overview

Type: Discrete
 Format: character
 Width: 1

Valid cases: 0

Literal question

Specify all major system and application software used in business operation as of 31 December 2019.

Application software 4 (resources.2_L31_C2)

File: SICT 2019

Overview

Type: Discrete
 Format: character
 Width: 1

Valid cases: 0

Literal question

Specify all major system and application software used in business operation as of 31 December 2019.

Use security software (resources.2_L32)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 1-2

Valid cases: 0
 Invalid: 0

Literal question

Did this establishment use security software in 2019?

Post question

Mark appropriate box.

Cyberattack experience (resources.2_L33)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0

Valid cases: 0
 Invalid: 0

Literal question

Did this establishment experience cyberattack in 2019?

Post question

Mark appropriate box.

Number of attacks (resources.2_L34)

File: SICT 2019

Overview

Type: Continuous
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 0-1

Valid cases: 0
 Invalid: 0

Literal question

How many times?

Attacks prevented (resources.2_L35)

File: SICT 2019

Overview

Type: Continuous
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 0-1

Valid cases: 0
 Invalid: 0

Literal question

How many attacks were prevented?

Frequency of changing password (resources.2_L36)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-6

Valid cases: 0
 Invalid: 0

Literal question

How often did this establishment change its security password?

Specified other frequency of changing password (resources.2_L36_D)

File: SICT 2019

Overview

Type: Discrete
 Format: character
 Width: 1

Valid cases: 0

Literal question

Others, specify:

System or application development and maintenance (In-house)
(resources.2_L37_C1)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 0
 Invalid: 0

Pre question

ICT support services

Literal question

Indicate whether the support service is in-house, outsourced or not applicable.

Post question

Mark applicable box/es.

System or application development and maintenance (Outsourced) (resources.2_L37_C2)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0

Valid cases: 0
 Invalid: 0

Literal question

Indicate whether the support service is in-house, outsourced or not applicable.

System or application development and maintenance (Not Applicable) (resources.2_L37_C3)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0

Valid cases: 0
 Invalid: 0

Literal question

Indicate whether the support service is in-house, outsourced or not applicable.

Call center or customer service (In-house) (resources.2_L38_C1)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 0
 Invalid: 0

Pre question

ICT support services

Literal question

Indicate whether the support service is in-house, outsourced or not applicable.

Post question

Mark applicable box/es.

Call center or customer service (Outsourced) (resources.2_L38_C2)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0

Valid cases: 0
 Invalid: 0

Literal question

Indicate whether the support service is in-house, outsourced or not applicable.

Call center or customer service (Not Applicable) (resources.2_L38_C3)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0

Valid cases: 0
 Invalid: 0

Literal question

Indicate whether the support service is in-house, outsourced or not applicable.

Finance accounting and auditing (In-house) (resources.2_L39_C1)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 0
 Invalid: 0

Pre question

ICT support services

Literal question

Indicate whether the support service is in-house, outsourced or not applicable.

Post question

Mark applicable box/es.

Finance accounting and auditing (Outsourced) (resources.2_L39_C2)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0

Valid cases: 0
 Invalid: 0

Literal question

Indicate whether the support service is in-house, outsourced or not applicable.

Finance accounting and auditing (Not Applicable) (resources.2_L39_C3) File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0

Valid cases: 0
Invalid: 0

Literal question

Indicate whether the support service is in-house, outsourced or not applicable.

Human resources (In-house) (resources.2_L40_C1) File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 0
Invalid: 0

Pre question

ICT support services

Literal question

Indicate whether the support service is in-house, outsourced or not applicable.

Post question

Mark applicable box/es.

Human resources (Outsourced) (resources.2_L40_C2) File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0

Valid cases: 0
Invalid: 0

Literal question

Indicate whether the support service is in-house, outsourced or not applicable.

Human resources (Not Applicable) (resources.2_L40_C3) File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0

Valid cases: 0
Invalid: 0

Literal question

Indicate whether the support service is in-house, outsourced or not applicable.

Quality assurance or testing (In-house) (resources.2_L41_C1)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 0
 Invalid: 0

Pre question

ICT support services

Literal question

Indicate whether the support service is in-house, outsourced or not applicable.

Post question

Mark applicable box/es.

Quality assurance or testing (Outsourced) (resources.2_L41_C2)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0

Valid cases: 0
 Invalid: 0

Literal question

Indicate whether the support service is in-house, outsourced or not applicable.

Quality assurance or testing (Not Applicable) (resources.2_L41_C3)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0

Valid cases: 0
 Invalid: 0

Literal question

Indicate whether the support service is in-house, outsourced or not applicable.

Research and development (In-house) (resources.2_L42_C1)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 0
 Invalid: 0

Pre question

ICT support services

Literal question

Indicate whether the support service is in-house, outsourced or not applicable.

Post question

Mark applicable box/es.

Research and development (Outsourced) (resources.2_L42_C2)

File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0

Valid cases: 0
Invalid: 0

Literal question

Indicate whether the support service is in-house, outsourced or not applicable.

Research and development (Not Applicable) (resources.2_L42_C3)

File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0

Valid cases: 0
Invalid: 0

Literal question

Indicate whether the support service is in-house, outsourced or not applicable.

Supply chain or logistics (In-house) (resources.2_L43_C1)

File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 0
Invalid: 0

Pre question

ICT support services

Literal question

Indicate whether the support service is in-house, outsourced or not applicable.

Post question

Mark applicable box/es.

Supply chain or logistics (Outsourced) (resources.2_L43_C2)

File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0

Valid cases: 0
Invalid: 0

Literal question

Indicate whether the support service is in-house, outsourced or not applicable.

Supply chain or logistics (Not Applicable) (resources.2_L43_C3)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0

Valid cases: 0
 Invalid: 0

Literal question

Indicate whether the support service is in-house, outsourced or not applicable.

Information security (In-house) (resources.2_L44_C1)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 0
 Invalid: 0

Pre question

ICT support services

Literal question

Indicate whether the support service is in-house, outsourced or not applicable.

Post question

Mark applicable box/es.

Information security (Outsourced) (resources.2_L44_C2)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0

Valid cases: 0
 Invalid: 0

Literal question

Indicate whether the support service is in-house, outsourced or not applicable.

Information security (Not Applicable) (resources.2_L44_C3)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0

Valid cases: 0
 Invalid: 0

Literal question

Indicate whether the support service is in-house, outsourced or not applicable.

Cloud service and storage (In-house) (resources.2_L45_C1)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 0
 Invalid: 0

Pre question

ICT support services

Literal question

Indicate whether the support service is in-house, outsourced or not applicable.

Post question

Mark applicable box/es.

Cloud service and storage (Outsourced) (resources.2_L45_C2)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0

Valid cases: 0
 Invalid: 0

Literal question

Indicate whether the support service is in-house, outsourced or not applicable.

Cloud service and storage (Not Applicable) (resources.2_L45_C3)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0

Valid cases: 0
 Invalid: 0

Literal question

Indicate whether the support service is in-house, outsourced or not applicable.

Data processing and analytics (In-house) (resources.2_L46_C1)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 0
 Invalid: 0

Pre question

ICT support services

Literal question

Indicate whether the support service is in-house, outsourced or not applicable.

Post question

Mark applicable box/es.

Data processing and analytics (Outsourced) (resources.2_L46_C2)

File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0

Valid cases: 0
Invalid: 0

Literal question

Indicate whether the support service is in-house, outsourced or not applicable.

Data processing and analytics (Not Applicable) (resources.2_L46_C3)

File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0

Valid cases: 0
Invalid: 0

Literal question

Indicate whether the support service is in-house, outsourced or not applicable.

Other ICT support services (In-house) (resources.2_L47_C1)

File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 0
Invalid: 0

Pre question

ICT support services

Literal question

Indicate whether the support service is in-house, outsourced or not applicable.

Post question

Mark applicable box/es.

Other ICT support services (Outsourced) (resources.2_L47_C2)

File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0

Valid cases: 0
Invalid: 0

Literal question

Indicate whether the support service is in-house, outsourced or not applicable.

Other ICT support services (Not Applicable) (resources.2_L47_C3)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 0
 Invalid: 0

Pre question

ICT support services

Literal question

Indicate whether the support service is in-house, outsourced or not applicable.

Post question

Mark applicable box/es.

Specified other ICT support service (resources.2_L47_D)

File: SICT 2019

Overview

Type: Discrete
 Format: character
 Width: 1

Valid cases: 0

Pre question

ICT support services

Literal question

Others, specify:

Post question

Mark applicable box/es.

Other ICT Resources in 2019 (resources.2_L48)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0

Valid cases: 0
 Invalid: 0

Literal question

Other ICT Resources in 2019, Specify:

Specified other ICT Resources in 2019 (resources.2_L48_D)

File: SICT 2019

Overview

Type: Discrete
 Format: character
 Width: 1

Valid cases: 0

Literal question

Other ICT Resources in 2019, Specify:

None (resources.2_L49)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 0
 Invalid: 0

Pre question

ICT support services

Literal question

Other ICT Resources, Specify:

Wired Local Area Network (resources.3_L1)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 0
 Invalid: 0

Pre question

Network channels

Literal question

Mark applicable box/es.

Wireless Local Area Network (resources.3_L2)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 0
 Invalid: 0

Pre question

Network channels

Literal question

Mark applicable box/es.

Intranet (resources.3_L3)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 0
 Invalid: 0

Pre question

Network channels

Literal question

Mark applicable box/es.

Internet (resources.3_L4)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 0
 Invalid: 0

Pre question

Network channels

Literal question

Mark applicable box/es.

Internet Protocol (IP) version (resources.3_L5)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0

Valid cases: 0
 Invalid: 0

Literal question

What version of Internet Protocol (IP) is being used by this establishment?

Extranet (resources.3_L6)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 0
 Invalid: 0

Pre question

Network channels

Literal question

Mark applicable box/es.

Wide Area Network (resources.3_L7)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 0
 Invalid: 0

Pre question

Network channels

Literal question

Mark applicable box/es.

Other Network Channels (resources.3_L8)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 0
 Invalid: 0

Pre question

Network channels

Literal question

Mark applicable box/es.

Specified Other Network Channels (resources.3_L8_D)

File: SICT 2019

Overview

Type: Discrete
 Format: character
 Width: 1

Valid cases: 0

Pre question

Network channels

Literal question

Others (Example: Virtual Private Network) Specify:

Integrated Services Digital Network (resources.4_L2)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 0
 Invalid: 0

Literal question

Did this establishment have the following types of external connection to the Internet in 2019?

Post question

Mark applicable box/es.

Analog Modem (resources.4_L3)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 0
 Invalid: 0

Literal question

Did this establishment have the following types of external connection to the Internet in 2019?

Post question

Mark applicable box/es.

Other narrowband (resources.4_L4)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 0
 Invalid: 0

Literal question

Did this establishment have the following types of external connection to the Internet in 2019?

Post question

Mark applicable box/es.

Cable modem (resources.4_L6)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 0
 Invalid: 0

Literal question

Did this establishment have the following types of external connection to the Internet in 2019?

Post question

Mark applicable box/es.

Digital Subscriber Line connection (DSL) (resources.4_L7)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 0
 Invalid: 0

Literal question

Did this establishment have the following types of external connection to the Internet in 2019?

Post question

Mark applicable box/es.

Wireless connection (resources.4_L8)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 0
 Invalid: 0

Literal question

Did this establishment have the following types of external connection to the Internet in 2019?

Post question

Mark applicable box/es.

Cellular Mobile broadband (resources.4_L9)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 0
 Invalid: 0

Literal question

Did this establishment have the following types of external connection to the Internet in 2019?

Post question

Mark applicable box/es.

Satellite (resources.4_L10)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 0
 Invalid: 0

Literal question

Did this establishment have the following types of external connection to the Internet in 2019?

Post question

Mark applicable box/es.

Fiber Optics (resources.4_L11)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 0
 Invalid: 0

Literal question

Did this establishment have the following types of external connection to the Internet in 2019?

Post question

Mark applicable box/es.

TV White Space (resources.4_L12)

File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 39
Decimals: 0
Range: 0-1

Valid cases: 0
Invalid: 0

Literal question

Did this establishment have the following types of external connection to the Internet in 2019?

Post question

Mark applicable box/es.

Other fixed internet connection (resources.4_L13)

File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 0
Invalid: 0

Literal question

Did this establishment have the following types of external connection to the Internet in 2019?

Post question

Mark applicable box/es.

Specified other internet connection (resources.4_L14)

File: SICT 2019

Overview

Type: Discrete
Format: character
Width: 1

Valid cases: 0

Literal question

Others, specify;

Post question

Mark applicable box/es.

E-commerce purchasing (For internal business operation)

(uses.5_L1_C1)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 1-2

Valid cases: 0
 Invalid: 0

Pre question

Use of ICT Resources in the operation of this establishment

Literal question

For internal business operation?

Post question

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.

E-commerce purchasing (As provider of goods and services) (uses.5_L1_C2) File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 1-2

Valid cases: 0
 Invalid: 0

Pre question

Use of ICT Resources in the operation of this establishment

Literal question

As provider of goods and services?

Post question

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.

E- commerce selling (For internal business operation) (uses.5_L2_C1) File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 22
 Decimals: 0
 Range: 1-2

Valid cases: 0
 Invalid: 0

Pre question

Use of ICT Resources in the operation of this establishment

Literal question

For internal business operation?

Post question

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.

E- commerce selling (As provider of goods and services) (uses.5_L2_C2) File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 1-2

Valid cases: 0
 Invalid: 0

Pre question

Use of ICT Resources in the operation of this establishment

Literal question

As provider of goods and services?

Post question

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.

Finance accounting and auditing (For internal business operation) (uses.5_L3_C1) File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 1-2

Valid cases: 0
 Invalid: 0

Pre question

Use of ICT Resources in the operation of this establishment

Literal question

For internal business operation?

Post question

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.

Finance accounting and auditing (As provider of goods and services) (uses.5_L3_C2) File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 1-2

Valid cases: 0
 Invalid: 0

Pre question

Use of ICT Resources in the operation of this establishment

Literal question

As provider of goods and services?

Post question

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.

Human resources and automated employee services (For internal business operation) (uses.5_L4_C1)

File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-2

Valid cases: 0
Invalid: 0

Pre question

Use of ICT Resources in the operation of this establishment

Literal question

For internal business operation?

Post question

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.

Human resources and automated employee services (As provider of goods and services) (uses.5_L4_C2)

File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-2

Valid cases: 0
Invalid: 0

Pre question

Use of ICT Resources in the operation of this establishment

Literal question

As provider of goods and services?

Post question

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.

Legal services (For internal business operation) (uses.5_L5_C1)

File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-2

Valid cases: 0
Invalid: 0

Pre question

Use of ICT Resources in the operation of this establishment

Literal question

For internal business operation?

Post question

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.

Legal services (As provider of goods and services) (uses.5_L5_C2)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 44
 Decimals: 0
 Range: 1-2

Valid cases: 0
 Invalid: 0

Pre question

Use of ICT Resources in the operation of this establishment

Literal question

As provider of goods and services?

Post question

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.

Processing of customer's order and payment (For internal business operation) (uses.5_L6_C1)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 1-2

Valid cases: 0
 Invalid: 0

Pre question

Use of ICT Resources in the operation of this establishment

Literal question

For internal business operation?

Post question

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.

Processing of customer's order and payment (As provider of goods and services) (uses.5_L6_C2)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 41
 Decimals: 0
 Range: 1-2

Valid cases: 0
 Invalid: 0

Pre question

Use of ICT Resources in the operation of this establishment

Literal question

As provider of goods and services?

Post question

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.

Supply chain and logistics (For internal business operation) (uses.5_L7_C1) File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 60
Decimals: 0
Range: 1-2

Valid cases: 0
Invalid: 0

Pre question

Use of ICT Resources in the operation of this establishment

Literal question

For internal business operation?

Post question

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.

Supply chain and logistics (As provider of goods and services) (uses.5_L7_C2) File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-2

Valid cases: 0
Invalid: 0

Pre question

Use of ICT Resources in the operation of this establishment

Literal question

As provider of goods and services?

Post question

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.

Manufacture or production process and control (For internal business operation) (uses.5_L8_C1) File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 16
Decimals: 0
Range: 1-2

Valid cases: 0
Invalid: 0

Pre question

Use of ICT Resources in the operation of this establishment

Literal question

For internal business operation?

Post question

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.

Manufacture or production process and control (As provider of goods and services) (uses.5_L8_C2)

File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-2

Valid cases: 0
Invalid: 0

Pre question

Use of ICT Resources in the operation of this establishment

Literal question

As provider of goods and services?

Post question

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.

Distribution of ICT goods (For internal business operation) (uses.5_L9_C1)

File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-2

Valid cases: 0
Invalid: 0

Pre question

Use of ICT Resources in the operation of this establishment

Literal question

For internal business operation?

Post question

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.

Distribution of ICT goods (As provider of goods and services) (uses.5_L9_C2)

File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-2

Valid cases: 0
Invalid: 0

Pre question

Use of ICT Resources in the operation of this establishment

Literal question

As provider of goods and services?

Post question

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.

Architectural and engineering services (For internal business operation) (uses.5_L10_C1)

File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-2

Valid cases: 0
Invalid: 0

Literal question

For internal business operation?

Architectural and engineering services (As provider of goods and services) (uses.5_L10_C2)

File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-2

Valid cases: 0
Invalid: 0

Literal question

As provider of goods and services?

Research and development (For internal business operation) (uses.5_L11_C1)

File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-2

Valid cases: 0
Invalid: 0

Literal question

For internal business operation?

Research and development (As provider of goods and services) (uses.5_L11_C2)

File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-2

Valid cases: 0
Invalid: 0

Literal question

As provider of goods and services?

Advertising and market research (For internal business operation) (uses.5_L12_C1) File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-2

Valid cases: 0
Invalid: 0

Literal question

For internal business operation?

Advertising and market research (As provider of goods and services) (uses.5_L12_C2) File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-2

Valid cases: 0
Invalid: 0

Literal question

As provider of goods and services?

Business and management consultancy (For internal business operation) (uses.5_L13_C1) File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-2

Valid cases: 0
Invalid: 0

Pre question

Use of ICT Resources in the operation of this establishment

Literal question

For internal business operation?

Post question

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.

Business and management consultancy (As provider of goods and services) (uses.5_L13_C2) File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 1-2

Valid cases: 0
 Invalid: 0

Pre question

Use of ICT Resources in the operation of this establishment

Literal question

As provider of goods and services?

Post question

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.

Financial and insurance services (For internal business operation) (uses.5_L14_C1) File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 1-2

Valid cases: 0
 Invalid: 0

Pre question

Use of ICT Resources in the operation of this establishment

Literal question

For internal business operation?

Post question

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.

Financial and insurance services (As provider of goods and services) (uses.5_L14_C2) File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 1-2

Valid cases: 0
 Invalid: 0

Pre question

Use of ICT Resources in the operation of this establishment

Literal question

As provider of goods and services?

Post question

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.

Travel and tour services (For internal business operation) (uses.5_L15_C1) File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-2

Valid cases: 0
Invalid: 0

Pre question

Use of ICT Resources in the operation of this establishment

Literal question

For internal business operation?

Post question

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.

Travel and tour services (As provider of goods and services) (uses.5_L15_C2) File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-2

Valid cases: 0
Invalid: 0

Pre question

Use of ICT Resources in the operation of this establishment

Literal question

As provider of goods and services?

Post question

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.

Education and training (For internal business operation) (uses.5_L16_C1) File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-2

Valid cases: 0
Invalid: 0

Pre question

Use of ICT Resources in the operation of this establishment

Literal question

For internal business operation?

Post question

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.

Education and training (As provider of goods and services) (uses.5_L16_C2) File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-2

Valid cases: 0
Invalid: 0

Pre question

Use of ICT Resources in the operation of this establishment

Literal question

As provider of goods and services?

Post question

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.

Data processing and data analytics (For internal business operation) (uses.5_L17_C1) File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 3
Decimals: 0
Range: 1-2

Valid cases: 0
Invalid: 0

Pre question

Use of ICT Resources in the operation of this establishment

Literal question

For internal business operation?

Post question

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.

Data processing and data analytics (As provider of goods and services) (uses.5_L17_C2) File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-2

Valid cases: 0
Invalid: 0

Pre question

Use of ICT Resources in the operation of this establishment

Literal question

As provider of goods and services?

Post question

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.

Medical and legal transcription (For internal business operation) (uses.5_L18_C1) File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-2

Valid cases: 0
Invalid: 0

Pre question

Use of ICT Resources in the operation of this establishment

Literal question

For internal business operation?

Post question

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.

Medical and legal transcription (As provider of goods and services) (uses.5_L18_C2) File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-2

Valid cases: 0
Invalid: 0

Pre question

Use of ICT Resources in the operation of this establishment

Literal question

As provider of goods and services?

Post question

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.

Medical and health services (For internal business operation) (uses.5_L19_C1) File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-2

Valid cases: 0
Invalid: 0

Pre question

Use of ICT Resources in the operation of this establishment

Literal question

For internal business operation?

Post question

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.

Medical and health services (As provider of goods and services) (uses.5_L19_C2) File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-2

Valid cases: 0
Invalid: 0

Pre question

Use of ICT Resources in the operation of this establishment

Literal question

As provider of goods and services?

Post question

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.

Customer relationship management (For internal business operation) (uses.5_L20_C1) File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-2

Valid cases: 0
Invalid: 0

Pre question

Use of ICT Resources in the operation of this establishment

Literal question

For internal business operation?

Post question

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.

Customer relationship management (As provider of goods and services) (uses.5_L20_C2) File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-2

Valid cases: 0
Invalid: 0

Pre question

Use of ICT Resources in the operation of this establishment

Literal question

As provider of goods and services?

Post question

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.

Software development (For internal business operation) (uses.5_L21_C1) File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-2

Valid cases: 0
Invalid: 0

Pre question

Use of ICT Resources in the operation of this establishment

Literal question

For internal business operation?

Post question

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.

Software development (As provider of goods and services) (uses.5_L21_C2) File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-2

Valid cases: 0
Invalid: 0

Pre question

Use of ICT Resources in the operation of this establishment

Literal question

As provider of goods and services?

Post question

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.

Publishing (For internal business operation) (uses.5_L22_C1) File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-2

Valid cases: 0
Invalid: 0

Pre question

Use of ICT Resources in the operation of this establishment

Literal question

For internal business operation?

Post question

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.

Publishing (As provider of goods and services) (uses.5_L22_C2)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 1-2

Valid cases: 0
 Invalid: 0

Pre question

Use of ICT Resources in the operation of this establishment

Literal question

As provider of goods and services?

Post question

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.

Internet service provider (For internal business operation)
(uses.5_L23_C1)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 1-2

Valid cases: 0
 Invalid: 0

Pre question

Use of ICT Resources in the operation of this establishment

Literal question

For internal business operation?

Post question

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.

Internet service provider (As provider of goods and services)
(uses.5_L23_C2)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 1-2

Valid cases: 0
 Invalid: 0

Pre question

Use of ICT Resources in the operation of this establishment

Literal question

As provider of goods and services?

Post question

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.

Creative development (For internal business operation) (uses.5_L24_C1) File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-2

Valid cases: 0
Invalid: 0

Pre question

Use of ICT Resources in the operation of this establishment

Literal question

For internal business operation?

Post question

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.

Creative development (As provider of goods and services) (uses.5_L24_C2) File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-2

Valid cases: 0
Invalid: 0

Pre question

Use of ICT Resources in the operation of this establishment

Literal question

As provider of goods and services?

Post question

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.

Specified creative development (uses.5_L24_D) File: SICT 2019

Overview

Type: Discrete
Format: character
Width: 1

Valid cases: 0

Animation, game development (For internal business operation) (uses.5_L25_C1) File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 1-2

Valid cases: 0
 Invalid: 0

Pre question

Use of ICT Resources in the operation of this establishment

Literal question

For internal business operation?

Post question

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.

Animation, game development (As provider of goods and services) (uses.5_L25_C2) File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 1-2

Valid cases: 0
 Invalid: 0

Pre question

Use of ICT Resources in the operation of this establishment

Literal question

As provider of goods and services?

Post question

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.

Software installation services (For internal business operation) (uses.5_L26_C1) File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 1-2

Valid cases: 0
 Invalid: 0

Pre question

Use of ICT Resources in the operation of this establishment

Literal question

For internal business operation?

Post question

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.

Software installation services (As provider of goods and services) (uses.5_L26_C2) File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-2

Valid cases: 0
Invalid: 0

Pre question

Use of ICT Resources in the operation of this establishment

Literal question

As provider of goods and services?

Post question

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.

Cloud service storage (For internal business operation) (uses.5_L27_C1) File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-2

Valid cases: 0
Invalid: 0

Pre question

Use of ICT Resources in the operation of this establishment

Literal question

For internal business operation?

Post question

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.

Cloud service storage (As provider of goods and services) (uses.5_L27_C2) File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-2

Valid cases: 0
Invalid: 0

Pre question

Use of ICT Resources in the operation of this establishment

Literal question

As provider of goods and services?

Post question

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.

Sales and marketing (For internal business operation) (uses.5_L28_C1)

File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-2

Valid cases: 0
Invalid: 0

Pre question

Use of ICT Resources in the operation of this establishment

Literal question

For internal business operation?

Post question

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.

Sales and marketing (As provider of goods and services) (uses.5_L28_C2)

File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-2

Valid cases: 0
Invalid: 0

Pre question

Use of ICT Resources in the operation of this establishment

Literal question

As provider of goods and services?

Post question

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.

Inventory management (For internal business operation) (uses.5_L29_C1)

File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-2

Valid cases: 0
Invalid: 0

Pre question

Use of ICT Resources in the operation of this establishment

Literal question

For internal business operation?

Post question

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.

Inventory management (As provider of goods and services) (uses.5_L29_C2) File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-2

Valid cases: 0
Invalid: 0

Pre question

Use of ICT Resources in the operation of this establishment

Literal question

As provider of goods and services?

Post question

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.

Network and system administration (For internal business operation) (uses.5_L30_C1) File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-2

Valid cases: 0
Invalid: 0

Pre question

Use of ICT Resources in the operation of this establishment

Literal question

For internal business operation?

Post question

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.

Network and system administration (As provider of goods and services) (uses.5_L30_C2) File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-2

Valid cases: 0
Invalid: 0

Pre question

Use of ICT Resources in the operation of this establishment

Literal question

As provider of goods and services?

Post question

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.

Search Engine Optimization (SEO) (For internal business operation) (uses.5_L31_C1) File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-2

Valid cases: 0
Invalid: 0

Pre question

Use of ICT Resources in the operation of this establishment

Literal question

For internal business operation?

Post question

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.

Search Engine Optimization (SEO) (As provider of goods and services) (uses.5_L31_C2) File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-2

Valid cases: 0
Invalid: 0

Pre question

Use of ICT Resources in the operation of this establishment

Literal question

As provider of goods and services?

Post question

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.

Other computer related activities (For internal business operation) (uses.5_L32_C1) File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-2

Valid cases: 0
Invalid: 0

Pre question

Use of ICT Resources in the operation of this establishment

Literal question

For internal business operation?

Post question

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.

Other computer related activities (As provider of goods and services) (uses.5_L32_C2) File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-2

Valid cases: 0
Invalid: 0

Pre question

Use of ICT Resources in the operation of this establishment

Literal question

As provider of goods and services?

Post question

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.

Other uses of ICT resources (For internal business operation) (uses.5_L33_C1) File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-2

Valid cases: 0
Invalid: 0

Pre question

Use of ICT Resources in the operation of this establishment

Literal question

For internal business operation?

Post question

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.

Other uses of ICT resources (As provider of goods and services) (uses.5_L33_C2) File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-2

Valid cases: 0
Invalid: 0

Pre question

Use of ICT Resources in the operation of this establishment

Literal question

As provider of goods and services?

Post question

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.

Specified other uses of ICT resources (uses.5_L33_D)

File: SICT 2019

Overview

Type: Discrete
 Format: character
 Width: 1

Valid cases: 0

Pre question

Use of ICT Resources in the operation of this establishment

Post question

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.

Obtaining information from government organizations (uses.6_L1)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0

Valid cases: 0
 Invalid: 0

Pre question

Use of Internet for other Processes within this establishment

Literal question

Did this establishment use the Internet for any of the following transactions made and/or accessing information from Philippine government agencies in 2019?

Post question

Mark appropriate box for each row.

Downloading or requesting government forms (uses.6_L2)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0

Valid cases: 0
 Invalid: 0

Pre question

Use of Internet for other Processes within this establishment

Literal question

Did this establishment use the Internet for any of the following transactions made and/or accessing information from Philippine government agencies in 2019?

Post question

Mark appropriate box for each row.

Completing forms online or sending completed forms (uses.6_L3)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0

Valid cases: 0
 Invalid: 0

Pre question

Use of Internet for other Processes within this establishment

Literal question

Did this establishment use the Internet for any of the following transactions made and/or accessing information from Philippine government agencies in 2019?

Post question

Mark appropriate box for each row.

Making online payments to government organizations (uses.6_L4)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0

Valid cases: 0
 Invalid: 0

Pre question

Use of Internet for other Processes within this establishment

Literal question

Did this establishment use the Internet for any of the following transactions made and/or accessing information from Philippine government agencies in 2019?

Post question

Mark appropriate box for each row.

Other dealings with government (uses.6_L5)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0

Valid cases: 0
 Invalid: 0

Pre question

Use of Internet for other Processes within this establishment

Literal question

Did this establishment use the Internet for any of the following transactions made and/or accessing information from Philippine government agencies in 2019?

Post question

Mark appropriate box for each row.

Specified other dealings with government (uses.6_L5_D)

File: SICT 2019

Overview

Type: Discrete
 Format: character
 Width: 1

Valid cases: 0

Pre question

Use of Internet for other Processes within this establishment

Literal question

Did this establishment use the Internet for any of the following transactions made and/or accessing information from Philippine government agencies in 2019?

Post question

Mark appropriate box for each row.

Internet banking (uses.6_L6)

File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0

Valid cases: 0
Invalid: 0

Pre question

Use of Internet for other Processes within this establishment

Literal question

Did this establishment use the Internet for any of the following business operations in 2019?

Post question

Mark appropriate box for each row.

Accessing other financial services (uses.6_L7)

File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0

Valid cases: 0
Invalid: 0

Pre question

Use of Internet for other Processes within this establishment

Literal question

Did this establishment use the Internet for any of the following business operations in 2019?

Post question

Mark appropriate box for each row.

Internal or external recruitment (uses.6_L8)

File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0

Valid cases: 0
Invalid: 0

Pre question

Use of Internet for other Processes within this establishment

Literal question

Did this establishment use the Internet for any of the following business operations in 2019?

Post question

Mark appropriate box for each row.

Staff training (uses.6_L9)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0

Valid cases: 0
 Invalid: 0

Pre question

Use of Internet for other Processes within this establishment

Literal question

Did this establishment use the Internet for any of the following business operations in 2019?

Post question

Mark appropriate box for each row.

Sharing or distribution of information within your establishment
(uses.6_L10)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0

Valid cases: 0
 Invalid: 0

Pre question

Use of Internet for other Processes within this establishment

Literal question

Did this establishment use the Internet for any of the following business operations in 2019?

Post question

Mark appropriate box for each row.

Sharing or distribution of information with other organizations
(uses.6_L11)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0

Valid cases: 0
 Invalid: 0

Pre question

Use of Internet for other Processes within this establishment

Literal question

Did this establishment use the Internet for any of the following business operations in 2019?

Post question

Mark appropriate box for each row.

Sending or receiving e-mails (uses.6_L12)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0

Valid cases: 0
 Invalid: 0

Pre question

Use of Internet for other Processes within this establishment

Literal question

Did this establishment use the Internet for any of the following business operations in 2019?

Post question

Mark appropriate box for each row.

Obtaining information from other organizations (uses.6_L13)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0

Valid cases: 0
 Invalid: 0

Literal question

Did this establishment use the Internet for any of the following business operations in 2019?

Providing customer services (uses.6_L14)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0

Valid cases: 0
 Invalid: 0

Literal question

Did this establishment use the Internet for any of the following business operations in 2019?

Delivering products online (uses.6_L15)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0

Valid cases: 0
 Invalid: 0

Literal question

Did this establishment use the Internet for any of the following business operations in 2019?

Telephoning over the Internet/VoIP or using videoconferencing (uses.6_L16)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0

Valid cases: 0
 Invalid: 0

Literal question

Did this establishment use the Internet for any of the following business operations in 2019?

Instant messaging, bulletin boards (uses.6_L17)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0

Valid cases: 0
 Invalid: 0

Literal question

Did this establishment use the Internet for any of the following business operations in 2019?

Other business operation using the Internet (uses.6_L18)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0

Valid cases: 0
 Invalid: 0

Pre question

Use of Internet for other Processes within this establishment

Literal question

Did this establishment use the Internet for any of the following business operations in 2019?

Post question

Mark appropriate box for each row.

Specified other business operation using the Internet (uses.6_L18_D)

File: SICT 2019

Overview

Type: Discrete
 Format: character
 Width: 1

Valid cases: 0

Pre question

Use of Internet for other Processes within this establishment

Literal question

Others, specify;

Post question

Mark appropriate box for each row.

Have a website (uses.7_L1)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0

Valid cases: 0
 Invalid: 0

Pre question

Website of this Establishment

Literal question

Did this establishment have a website in 2019?

Post question

Mark appropriate box.

URL of website (uses.7_L2)

File: SICT 2019

Overview

Type: Discrete
 Format: character
 Width: 1

Valid cases: 0

Pre question

Website of this Establishment

Literal question

What is the website of this establishment in 2019?

Company profile (uses.7_L3)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0

Valid cases: 0
 Invalid: 0

Pre question

Website of this Establishment

Literal question

Did the website of this establishment have any of the following features in 2019?

Post question

Mark appropriate box for each row.

Product catalogues or price lists (uses.7_L4)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0

Valid cases: 0
 Invalid: 0

Pre question

Website of this Establishment

Literal question

Did the website of this establishment have any of the following features in 2019?

Post question

Mark appropriate box for each row.

Customized web page or information provided for repeat clients (uses.7_L5)

File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0

Valid cases: 0
Invalid: 0

Pre question

Website of this Establishment

Literal question

Did the website of this establishment have any of the following features in 2019?

Post question

Mark appropriate box for each row.

Facility for collecting customer information online (uses.7_L6)

File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0

Valid cases: 0
Invalid: 0

Pre question

Website of this Establishment

Literal question

Did the website of this establishment have any of the following features in 2019?

Post question

Mark appropriate box for each row.

Online ordering facility for products and services (uses.7_L7)

File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0

Valid cases: 0
Invalid: 0

Pre question

Website of this Establishment

Literal question

Did the website of this establishment have any of the following features in 2019?

Post question

Mark appropriate box for each row.

Facility for online payments (uses.7_L8)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0

Valid cases: 0
 Invalid: 0

Pre question

Website of this Establishment

Literal question

Did the website of this establishment have any of the following features in 2019?

Post question

Mark appropriate box for each row.

Provision of online after sales support (uses.7_L9)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0

Valid cases: 0
 Invalid: 0

Pre question

Website of this Establishment

Literal question

Did the website of this establishment have any of the following features in 2019?

Post question

Mark appropriate box for each row.

Order tracking available online (uses.7_L10)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0

Valid cases: 0
 Invalid: 0

Pre question

Website of this Establishment

Literal question

Did the website of this establishment have any of the following features in 2019?

Post question

Mark appropriate box for each row.

Security policy statement and/or security seal or certification (uses.7_L11)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0

Valid cases: 0
 Invalid: 0

Pre question

Website of this Establishment

Literal question

Did the website of this establishment have any of the following features in 2019?

Post question

Mark appropriate box for each row.

Privacy policy statement and/or privacy seal or certification (uses.7_L12)

File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0

Valid cases: 0
Invalid: 0

Pre question

Website of this Establishment

Literal question

Did the website of this establishment have any of the following features in 2019?

Post question

Mark appropriate box for each row.

Existence of back-end information system (uses.7_L13)

File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0

Valid cases: 0
Invalid: 0

Pre question

Website of this Establishment

Literal question

Did the website of this establishment have any of the following features in 2019?

Post question

Mark appropriate box for each row.

Customer satisfaction or feedback or rating (uses.7_L14)

File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0

Valid cases: 0
Invalid: 0

Pre question

Website of this Establishment

Literal question

Did the website of this establishment have any of the following features in 2019?

Post question

Mark appropriate box for each row.

Log-in page or credentials (uses.7_L15)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0

Valid cases: 0
 Invalid: 0

Pre question

Website of this Establishment

Literal question

Did the website of this establishment have any of the following features in 2019?

Post question

Mark appropriate box for each row.

Web Accessibility Features for PWD (uses.7_L16)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0

Valid cases: 0
 Invalid: 0

Pre question

Website of this Establishment

Literal question

Did the website of this establishment have any of the following features in 2019?

Post question

Mark appropriate box for each row.

Specified other website feature (uses.7_L17)

File: SICT 2019

Overview

Type: Discrete
 Format: character
 Width: 1

Valid cases: 0

Pre question

Website of this Establishment

Literal question

Did the website of this establishment have any of the following features in 2019?

Others, Specify:

Post question

Mark appropriate box for each row.

Purchases for goods/services via internet excluding social media (uses.8_L1)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0

Valid cases: 0
 Invalid: 0

Pre question

E-commerce via internet and network channels other than internet

Mark appropriate box for each row.

Literal question

Did this establishment make purchases for goods and/or services via internet excluding social media in 2019?

Post question

Mark appropriate box.

Purchases for goods/services via network channels other than internet (uses.8_L2)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0

Valid cases: 0
 Invalid: 0

Pre question

E-commerce via internet and network channels other than internet

Mark appropriate box for each row.

Literal question

Did this establishment make purchases for goods and/or services via network channels other than internet in 2019?

Post question

Mark appropriate box.

Specified network channels other than internet used to purchase for goods/services (uses.8_L2_D)

File: SICT 2019

Overview

Type: Discrete
 Format: character
 Width: 1

Valid cases: 0

Pre question

E-commerce via internet and network channels other than internet

Mark appropriate box for each row.

Literal question

Did this establishment make purchases for goods and/or services via network channels other than internet in 2019?

Specify:

Receive orders for goods/services via internet excluding social media (uses.8_L3)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0

Valid cases: 0
 Invalid: 0

Pre question

E-commerce via internet and network channels other than internet

Mark appropriate box for each row.

Literal question

Did this establishment receive orders for goods and/or services via internet excluding social media in 2019?

Post question

Mark appropriate box for each row.

Receive orders for goods/services via network channels other than internet (uses.8_L4)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0

Valid cases: 0
 Invalid: 0

Pre question

E-commerce via internet and network channels other than internet

Mark appropriate box for each row.

Literal question

Did this establishment receive orders for goods and/or services via network channels other than internet in 2019?

Post question

Mark appropriate box for each row.

Specified network channels other than internet used to receive orders for goods/services (uses.8_L4_D)

File: SICT 2019

Overview

Type: Discrete
 Format: character
 Width: 1

Valid cases: 0

Pre question

E-commerce via internet and network channels other than internet

Mark appropriate box for each row.

Literal question

Did this establishment receive orders for goods and/or services via network channels other than internet in 2019?

Specify:

Post question

Mark appropriate box for each row.

Percentage of Revenue generated from e-commerce via internet excluding social media (uses.8_L5)

File: SICT 2019

Overview

Type: Continuous
Format: numeric
Width: 1
Decimals: 10

Valid cases: 0
Invalid: 0

Pre question

E-commerce via internet and network channels other than internet

Mark appropriate box for each row.

Literal question

What percent of total revenue was generated from e-commerce via internet excluding social media by this establishment in 2019?

Post question

Mark appropriate box for each row.

Percentage of Revenue generated from e-commerce via network channels other than internet (uses.8_L6)

File: SICT 2019

Overview

Type: Continuous
Format: numeric
Width: 1
Decimals: 10

Valid cases: 0
Invalid: 0

Pre question

E-commerce via internet and network channels other than internet

Mark appropriate box for each row.

Literal question

What percent of total revenue was generated from e-commerce via network channels other than internet by this establishment in 2019?

Post question

Mark appropriate box for each row.

Specified network channels other than internet (uses.8_L6_D)

File: SICT 2019

Overview

Type: Discrete
Format: character
Width: 1

Valid cases: 0

Pre question

E-commerce via internet and network channels other than internet

Mark appropriate box for each row.

Literal question

What percent of total revenue was generated from e-commerce via network channels other than internet by this establishment in 2019?

Specify:

Post question

Mark appropriate box for each row.

Customer within the Philippines (uses.8_L7)

File: SICT 2019

Overview

Type: Continuous
Format: numeric
Width: 1
Decimals: 0

Valid cases: 0
Invalid: 0

Pre question

E-commerce via internet and network channels other than internet

Mark appropriate box for each row.

Literal question

What percent of total revenue from e-commerce via Internet in 2019 was generated by this establishment from Customer within the Philippines?

Post question

Indicate percent share.

Customer outside the Philippines (uses.8_L8)

File: SICT 2019

Overview

Type: Continuous
Format: numeric
Width: 1
Decimals: 0

Valid cases: 0
Invalid: 0

Pre question

E-commerce via internet and network channels other than internet

Mark appropriate box for each row.

Literal question

What percent of total revenue from e-commerce via Internet in 2019 was generated by this establishment from Customer outside the Philippines?

Post question

Indicate percent share.

Other business establishments (uses.8_L9)

File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0

Valid cases: 0
Invalid: 0

Pre question

E-commerce via internet and network channels other than internet

Mark appropriate box for each row.

Literal question

Did this establishment have any of the following suppliers and customers that made transactions via the Internet in 2019?

Post question

Mark appropriate box for each row.

Other units belonging to the same enterprise as this establishment
(uses.8_L10)

File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0

Valid cases: 0
Invalid: 0

Pre question

E-commerce via internet and network channels other than internet

Mark appropriate box for each row.

Literal question

Did this establishment have any of the following suppliers and customers that made transactions via the Internet in 2019?

Post question

Mark appropriate box for each row.

Individuals or households (uses.8_L11)

File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0

Valid cases: 0
Invalid: 0

Pre question

E-commerce via internet and network channels other than internet

Mark appropriate box for each row.

Literal question

Did this establishment have any of the following suppliers and customers that made transactions via the Internet in 2019?

Post question

Mark appropriate box for each row.

Government (uses.8_L12)

File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0

Valid cases: 0
Invalid: 0

Pre question

E-commerce via internet and network channels other than internet

Mark appropriate box for each row.

Literal question

Did this establishment have any of the following suppliers and customers that made transactions via the Internet in 2019?

Post question

Mark appropriate box for each row.

Non-profit institutions and/or NGOs (uses.8_L13)

File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0

Valid cases: 0
Invalid: 0

Pre question

E-commerce via internet and network channels other than internet

Mark appropriate box for each row.

Literal question

Did this establishment have any of the following suppliers and customers that made transactions via the Internet in 2019?

Post question

Mark appropriate box for each row.

From the rest of the world (uses.8_L14)

File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0

Valid cases: 0
Invalid: 0

Pre question

E-commerce via internet and network channels other than internet

Mark appropriate box for each row.

Literal question

Did this establishment have any of the following suppliers and customers that made transactions via the Internet in 2019?

Post question

Mark appropriate box for each row.

Reduced transaction time (uses.8_L15)

File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0

Valid cases: 0
Invalid: 0

Pre question

E-commerce via internet and network channels other than internet

Mark appropriate box for each row.

Literal question

Did this establishment benefit from e-commerce transactions in any of the following in 2019?

Post question

Mark appropriate box for each row.

Reduced marketing time (uses.8_L16)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0

Valid cases: 0
 Invalid: 0

Pre question

E-commerce via internet and network channels other than internet

Mark appropriate box for each row.

Literal question

Did this establishment benefit from e-commerce transactions in any of the following in 2019?

Post question

Mark appropriate box for each row.

Reduced paper transactions (uses.8_L17)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0

Valid cases: 0
 Invalid: 0

Pre question

E-commerce via internet and network channels other than internet

Mark appropriate box for each row.

Literal question

Did this establishment benefit from e-commerce transactions in any of the following in 2019?

Post question

Mark appropriate box for each row.

Increased sales volume and/or number of customers (uses.8_L18)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0

Valid cases: 0
 Invalid: 0

Pre question

E-commerce via internet and network channels other than internet

Mark appropriate box for each row.

Literal question

Did this establishment benefit from e-commerce transactions in any of the following in 2019?

Post question

Mark appropriate box for each row.

Increased quality of customer service (uses.8_L19)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0

Valid cases: 0
 Invalid: 0

Pre question

E-commerce via internet and network channels other than internet

Mark appropriate box for each row.

Literal question

Did this establishment benefit from e-commerce transactions in any of the following in 2019?

Post question

Mark appropriate box for each row.

Able to better target customers individually (uses.8_L20)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0

Valid cases: 0
 Invalid: 0

Pre question

E-commerce via internet and network channels other than internet

Mark appropriate box for each row.

Literal question

Did this establishment benefit from e-commerce transactions in any of the following in 2019?

Post question

Mark appropriate box for each row.

Lower business costs (Example: reduced transportation/logistics time/cost) (uses.8_L21)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0

Valid cases: 0
 Invalid: 0

Pre question

E-commerce via internet and network channels other than internet

Mark appropriate box for each row.

Literal question

Did this establishment benefit from e-commerce transactions in any of the following in 2019?

Post question

Mark appropriate box for each row.

Keeping pace with competitors (uses.8_L22)

File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0

Valid cases: 0
Invalid: 0

Pre question

E-commerce via internet and network channels other than internet

Mark appropriate box for each row.

Literal question

Did this establishment benefit from e-commerce transactions in any of the following in 2019?

Post question

Mark appropriate box for each row.

Other benefit from e-commerce transactions (uses.8_L23)

File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0

Valid cases: 0
Invalid: 0

Pre question

E-commerce via internet and network channels other than internet

Mark appropriate box for each row.

Literal question

Did this establishment benefit from e-commerce transactions in any of the following in 2019?

Post question

Mark appropriate box for each row.

Specified other benefit from e-commerce transactions (uses.8_L23_D)

File: SICT 2019

Overview

Type: Discrete
Format: character
Width: 1

Valid cases: 0

Pre question

E-commerce via internet and network channels other than internet

Mark appropriate box for each row.

Literal question

Did this establishment benefit from e-commerce transactions in any of the following in 2019?

Others, specify:

Post question

Mark appropriate box for each row.

Security and privacy concerns (uses.8_L24)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0

Valid cases: 0
 Invalid: 0

Pre question

E-commerce via internet and network channels other than internet

Mark appropriate box for each row.

Literal question

Did any of the following factors limit or prevent e-commerce transactions by this establishment in 2019?

Post question

Mark appropriate box for each row.

Prefer to maintain current business model(Example: Face to face interaction) (uses.8_L25)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0

Valid cases: 0
 Invalid: 0

Pre question

E-commerce via internet and network channels other than internet

Mark appropriate box for each row.

Literal question

Did any of the following factors limit or prevent e-commerce transactions by this establishment in 2019?

Post question

Mark appropriate box for each row.

Incompatible computer systems between customer and supplier (uses.8_L26)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0

Valid cases: 0
 Invalid: 0

Pre question

E-commerce via internet and network channels other than internet

Mark appropriate box for each row.

Literal question

Did any of the following factors limit or prevent e-commerce transactions by this establishment in 2019?

Post question

Mark appropriate box for each row.

Insufficient level of customer demand for purchasing via Internet (uses.8_L27)

File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0

Valid cases: 0
Invalid: 0

Pre question

E-commerce via internet and network channels other than internet

Mark appropriate box for each row.

Literal question

Did any of the following factors limit or prevent e-commerce transactions by this establishment in 2019?

Post question

Mark appropriate box for each row.

Uncertainty concerning legal or regulatory dispute framework for selling and buying via Internet (uses.8_L28)

File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0

Valid cases: 0
Invalid: 0

Pre question

E-commerce via internet and network channels other than internet

Mark appropriate box for each row.

Literal question

Did any of the following factors limit or prevent e-commerce transactions by this establishment in 2019?

Too high cost of development and/or maintenance (uses.8_L29)

File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0

Valid cases: 0
Invalid: 0

Pre question

E-commerce via internet and network channels other than internet

Mark appropriate box for each row.

Literal question

Did any of the following factors limit or prevent e-commerce transactions by this establishment in 2019?

Post question

Mark appropriate box

Lack of skilled employees to develop, maintain or use the required technology (uses.8_L30)

File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0

Valid cases: 0
Invalid: 0

Pre question

E-commerce via internet and network channels other than internet

Mark appropriate box for each row.

Literal question

Did any of the following factors limit or prevent e-commerce transactions by this establishment in 2019?

Unreliable Internet connections (uses.8_L31)

File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0

Valid cases: 0
Invalid: 0

Pre question

E-commerce via internet and network channels other than internet

Mark appropriate box for each row.

Literal question

Did any of the following factors limit or prevent e-commerce transactions by this establishment in 2019?

Selling over the Internet currently under development or planned in the near future (uses.8_L32)

File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0

Valid cases: 0
Invalid: 0

Pre question

E-commerce via internet and network channels other than internet

Mark appropriate box for each row.

Literal question

Did any of the following factors limit or prevent e-commerce transactions by this establishment in 2019?

ICT infrastructure limitation (uses.8_L33)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0

Valid cases: 0
 Invalid: 0

Pre question

E-commerce via internet and network channels other than internet

Mark appropriate box for each row.

Literal question

Did any of the following factors limit or prevent e-commerce transactions by this establishment in 2019?

Other factors limiting or preventing e-commerce transactions
 (uses.8_L34)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0

Valid cases: 0
 Invalid: 0

Pre question

E-commerce via internet and network channels other than internet

Mark appropriate box for each row.

Literal question

Did any of the following factors limit or prevent e-commerce transactions by this establishment in 2019?

Specified other factors limiting or preventing e-commerce transactions
 (uses.8_L34_D)

File: SICT 2019

Overview

Type: Discrete
 Format: character
 Width: 1

Valid cases: 0

Pre question

E-commerce via internet and network channels other than internet

Mark appropriate box for each row.

Literal question

Did any of the following factors limit or prevent e-commerce transactions by this establishment in 2019?

Others, specify:

Purchases goods and/or services via SMS or voice call using cellular
 mobile phone/smartphone (uses.9_L1)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0

Valid cases: 0
 Invalid: 0

Pre question

Uses of Cellular Mobile Phone/Smartphone in Selling and Other Business Operation

Mark appropriate box for each row.

Literal question

Did this establishment purchase goods and/or services via SMS or voice call using cellular mobile phone/smartphone in 2019?

Post question

Mark appropriate box

Receive order for goods and/or services via SMS or voice call using cellular mobile phone/smartphone (uses.9_L2)

File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0

Valid cases: 0
Invalid: 0

Pre question

Uses of Cellular Mobile Phone/Smartphone in Selling and Other Business Operation

Mark appropriate box for each row.

Literal question

Did this establishment receive order for goods and/or services via SMS or voice call using cellular mobile phone/smartphone in 2019?

Post question

Mark appropriate box

Percentage of Revenue generated from SMS or voice call using cellular mobile phone/smartphone (uses.9_L3)

File: SICT 2019

Overview

Type: Continuous
Format: numeric
Width: 1
Decimals: 10

Valid cases: 0
Invalid: 0

Pre question

Uses of Cellular Mobile Phone/Smartphone in Selling and Other Business Operation

Mark appropriate box for each row.

Literal question

What percent of total revenue was generated by this establishment via SMS or voice call using cellular mobile phone/smartphone in 2019?

Accessing the Internet (uses.9_L4)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0

Valid cases: 0
 Invalid: 0

Pre question

Uses of Cellular Mobile Phone/Smartphone in Selling and Other Business Operation

Mark appropriate box for each row.

Literal question

Did this establishment use cellular mobile phone/smartphone for the following activities in 2019?

Post question

Mark appropriate box.

Sending or receiving e-mail (uses.9_L5)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0

Valid cases: 0
 Invalid: 0

Pre question

Uses of Cellular Mobile Phone/Smartphone in Selling and Other Business Operation

Mark appropriate box for each row.

Literal question

Did this establishment use cellular mobile phone/smartphone for the following activities in 2019?

Post question

Mark appropriate box.

Obtaining information about goods and services (uses.9_L6)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0

Valid cases: 0
 Invalid: 0

Pre question

Uses of Cellular Mobile Phone/Smartphone in Selling and Other Business Operation

Mark appropriate box for each row.

Literal question

Did this establishment use cellular mobile phone/smartphone for the following activities in 2019?

Researching other information (uses.9_L7)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0

Valid cases: 0
 Invalid: 0

Pre question

Uses of Cellular Mobile Phone/Smartphone in Selling and Other Business Operation

Mark appropriate box for each row.

Literal question

Did this establishment use cellular mobile phone/smartphone for the following activities in 2019?

Post question

Mark appropriate box for each row.

Accessing banking or other financial services (uses.9_L8)

File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0

Valid cases: 0
Invalid: 0

Pre question

Uses of Cellular Mobile Phone/Smartphone in Selling and Other Business Operation

Mark appropriate box for each row.

Literal question

Did this establishment use cellular mobile phone/smartphone for the following activities in 2019?

Post question

Mark appropriate box for each row.

Providing customer services (uses.9_L9)

File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0

Valid cases: 0
Invalid: 0

Pre question

Uses of Cellular Mobile Phone/Smartphone in Selling and Other Business Operation

Mark appropriate box for each row.

Literal question

Did this establishment use cellular mobile phone/smartphone for the following activities in 2019?

Post question

Mark appropriate box for each row.

Interacting with government organizations or public authorities (uses.9_10)

File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0

Valid cases: 0
Invalid: 0

Pre question

Uses of Cellular Mobile Phone/Smartphone in Selling and Other Business Operation

Mark appropriate box for each row.

Literal question

Did this establishment use cellular mobile phone/smartphone for the following activities in 2019?

Post question

Mark appropriate box for each row.

Other uses of cellular mobile phone/smartphone (uses.9_L11)

File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0

Valid cases: 0
Invalid: 0

Pre question

Uses of Cellular Mobile Phone/Smartphone in Selling and Other Business Operation

Mark appropriate box for each row.

Literal question

Did this establishment use cellular mobile phone/smartphone for the following activities in 2019?

Post question

Mark appropriate box for each row.

Specified other uses of cellular mobile phone/smartphone

(uses.9_L11_D)

File: SICT 2019

Overview

Type: Discrete
Format: character
Width: 1

Valid cases: 0

Pre question

Uses of Cellular Mobile Phone/Smartphone in Selling and Other Business Operation

Mark appropriate box for each row.

Literal question

Did this establishment use cellular mobile phone/smartphone for the following activities in 2019?

Others, specify:

Post question

Mark appropriate box for each row.

Have a social media (uses.10_L1)

File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0

Valid cases: 0
Invalid: 0

Pre question

Social Media Account of this Establishment

Mark appropriate/applicable boxes.

Literal question

Did this establishment have a social media account in 2019?

Post question

Mark appropriate box for each row.

Facebook (uses.10_L2_1)

File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 0
Invalid: 0

Pre question

Social Media Account of this Establishment

Mark appropriate/applicable boxes.

Literal question

What are the social media accounts of this establishment in 2019?

Post question

Mark appropriate box for each row.

Specified Facebook Account (uses.10_L2_1_D)

File: SICT 2019

Overview

Type: Discrete
Format: character
Width: 1

Valid cases: 0

Pre question

Social Media Account of this Establishment

Mark appropriate/applicable boxes.

Literal question

Facebook

Post question

Mark appropriate box for each row.

Twitter (uses.10_L2_2)

File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 0
Invalid: 0

Pre question

Social Media Account of this Establishment

Mark appropriate/applicable boxes.

Literal question

What are the social media accounts of this establishment in 2019?

Post question

Mark appropriate box.

Specified Twitter Account (uses.10_L2_2_D)

File: SICT 2019

Overview

Type: Discrete

Valid cases: 0

Format: character

Width: 1

Pre question

Social Media Account of this Establishment

Mark appropriate/applicable boxes.

Literal question

Twitter

Post question

Mark applicable box/es and specify the account name.

Instagram (uses.10_L2_3)

File: SICT 2019

Overview

Type: Discrete

Valid cases: 0

Format: numeric

Invalid: 0

Width: 1

Decimals: 0

Range: 0-1

Pre question

Social Media Account of this Establishment

Mark appropriate/applicable boxes.

Literal question

What are the social media accounts of this establishment in 2019?

Post question

Mark applicable box/es and specify the account name.

Specified Instagram Account (uses.10_L2_3_D)

File: SICT 2019

Overview

Type: Discrete

Valid cases: 0

Format: character

Width: 1

Pre question

Social Media Account of this Establishment

Mark appropriate/applicable boxes.

Literal question

Instagram

Post question

Mark applicable box/es and specify the account name.

Youtube (uses.10_L2_4)

File: SICT 2019

Overview

Type: Discrete

Valid cases: 0

Format: numeric

Invalid: 0

Width: 1

Decimals: 0

Range: 0-1

Pre question

Social Media Account of this Establishment

Mark appropriate/applicable boxes.

Literal question

What are the social media accounts of this establishment in 2019?

Post question

Mark applicable box/es and specify the account name.

Specified Youtube Account (uses.10_L2_4_D)

File: SICT 2019

Overview

Type: Discrete

Valid cases: 0

Format: character

Width: 1

Pre question

Social Media Account of this Establishment

Mark appropriate/applicable boxes.

Literal question

Youtube

Post question

Mark applicable box/es and specify the account name.

Other social media account (uses.10_L2_5)

File: SICT 2019

Overview

Type: Discrete

Valid cases: 0

Format: numeric

Invalid: 0

Width: 1

Decimals: 0

Range: 0-1

Pre question

Social Media Account of this Establishment

Mark appropriate/applicable boxes.

Literal question

What are the social media accounts of this establishment in 2019?

Post question

Mark applicable box/es and specify the account name.

Specified other social media account (uses.10_L2_5_D)

File: SICT 2019

Overview

Type: Discrete

Valid cases: 0

Format: character

Width: 1

Pre question

Social Media Account of this Establishment

Mark appropriate/applicable boxes.

Literal question

Others, specify:

Post question

Mark appropriate box for each row.

Connect with clients and/or potential clients (uses.10_L3)

File: SICT 2019

Overview

Type: Discrete

Valid cases: 0

Format: numeric

Invalid: 0

Width: 1

Decimals: 0

Pre question

Social Media Account of this Establishment

Mark appropriate/applicable boxes.

Literal question

Did this establishment use social media accounts for the following activities in 2019?

Post question

Mark appropriate box for each row.

Share news and ideas or publish content (uses.10_L4)

File: SICT 2019

Overview

Type: Discrete

Valid cases: 0

Format: numeric

Invalid: 0

Width: 1

Decimals: 0

Pre question

Social Media Account of this Establishment

Mark appropriate/applicable boxes.

Literal question

Did this establishment use social media accounts for the following activities in 2019?

Post question

Mark appropriate box for each row.

Advertise goods and services (uses.10_L5)

File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0

Valid cases: 0
Invalid: 0

Pre question

Social Media Account of this Establishment

Mark appropriate/applicable boxes.

Literal question

Did this establishment use social media accounts for the following activities in 2019?

Post question

Mark appropriate box for each row.

Trade goods and services (uses.10_L6)

File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0

Valid cases: 0
Invalid: 0

Pre question

Social Media Account of this Establishment

Mark appropriate/applicable boxes.

Literal question

Did this establishment use social media accounts for the following activities in 2019?

Post question

Mark appropriate box for each row.

Find business reviews (uses.10_L7)

File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0

Valid cases: 0
Invalid: 0

Pre question

Social Media Account of this Establishment

Mark appropriate/applicable boxes.

Literal question

Did this establishment use social media accounts for the following activities in 2019?

Post question

Mark appropriate box for each row.

Providing customer services (uses.10_L8)

File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0

Valid cases: 0
Invalid: 0

Pre question

Social Media Account of this Establishment

Mark appropriate/applicable boxes.

Literal question

Did this establishment use social media accounts for the following activities in 2019?

Post question

Mark appropriate box for each row.

Interacting with government organizations or public authorities (uses.10_L9)

File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0

Valid cases: 0
Invalid: 0

Pre question

Social Media Account of this Establishment

Mark appropriate/applicable boxes.

Literal question

Did this establishment use social media accounts for the following activities in 2019?

Post question

Mark appropriate box for each row.

Other uses of social media accounts of the establishment (uses.10_L10)

File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0

Valid cases: 0
Invalid: 0

Pre question

Social Media Account of this Establishment

Mark appropriate/applicable boxes.

Literal question

Did this establishment use social media accounts for the following activities in 2019?

Post question

Mark appropriate box for each row.

Specified other uses of social media accounts of the establishment (uses.10_L10_D) File: SICT 2019

Overview

Type: Discrete
Format: character
Width: 1

Valid cases: 0

Pre question

Social Media Account of this Establishment

Mark appropriate/applicable boxes.

Literal question

Did this establishment use social media accounts for the following activities in 2019?

Others, specify:

Post question

Mark appropriate box.

Have existing social media policy in 2019 (uses.10_L11) File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0

Valid cases: 0
Invalid: 0

Pre question

Social Media Account of this Establishment

Mark appropriate/applicable boxes.

Literal question

Does this establishment have existing social media policy in 2019?

Purchase goods and/or services via social media (uses.10_L12) File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0

Valid cases: 0
Invalid: 0

Pre question

Social Media Account of this Establishment

Mark appropriate/applicable boxes.

Literal question

Did this establishment purchase goods and/or services via social media in 2019?

Receive orders for goods and/or services via social media (uses.10_L13) File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0

Valid cases: 0
Invalid: 0

Pre question

Social Media Account of this Establishment

Mark appropriate/applicable boxes.

Literal question

Did this establishment receive order for goods and/or services via social media in 2019?

Percentage of Revenue generated from social media (uses.10_L14) File: SICT 2019

Overview

Type: Continuous
Format: numeric
Width: 1
Decimals: 10

Valid cases: 0
Invalid: 0

Pre question

Social Media Account of this Establishment

Mark appropriate/applicable boxes.

Literal question

What percent of total revenue was generated by this establishment via social media in 2019?

Year last purchased ICT equipment (uses.11_L1) File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0

Valid cases: 0
Invalid: 0

Pre question

Purchase and Disposal of ICT Equipment

Mark appropriate/applicable box/es.

Literal question

When was the last time this establishment purchased ICT equipment?

Frequency of purchasing ICT equipment (uses.11_L2) File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0

Valid cases: 0
 Invalid: 0

Pre question

Purchase and Disposal of ICT Equipment

Mark appropriate/applicable box/es.

Literal question

How often does this establishment purchase ICT equipment?

Specified other frequency of purchasing ICT equipment (uses.11_L2_D)

File: SICT 2019

Overview

Type: Discrete
 Format: character
 Width: 1

Valid cases: 0

Pre question

Purchase and Disposal of ICT Equipment

Mark appropriate/applicable box/es.

Literal question

How often does this establishment purchase ICT equipment?

Others, specify:

Sale (Auction, Bidding, Online) (uses.11_L3)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 0
 Invalid: 0

Pre question

Purchase and Disposal of ICT Equipment

Mark appropriate/applicable box/es.

Literal question

How does this establishment dispose its ICT equipment in 2019?

Donation (uses.11_L4)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 0
 Invalid: 0

Pre question

Purchase and Disposal of ICT Equipment

Mark appropriate/applicable box/es.

Literal question

How does this establishment dispose its ICT equipment in 2019?

Takeback program of computer supplier (uses.11_L5)

File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 0
Invalid: 0

Pre question

Purchase and Disposal of ICT Equipment

Mark appropriate/applicable box/es.

Literal question

How does this establishment dispose its ICT equipment in 2019?

Scrap or junk (uses.11_L6)

File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 0
Invalid: 0

Pre question

Purchase and Disposal of ICT Equipment

Mark appropriate/applicable box/es.

Literal question

How does this establishment dispose its ICT equipment in 2019?

Storage/Warehouse (uses.11_L7)

File: SICT 2019

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Valid cases: 0
Invalid: 0

Pre question

Purchase and Disposal of ICT Equipment

Mark appropriate/applicable box/es.

Literal question

How does this establishment dispose its ICT equipment in 2019?

Other mode of disposal of ICT equipment (uses.11_L8)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-1

Valid cases: 0
 Invalid: 0

Pre question

Purchase and Disposal of ICT Equipment

Mark appropriate/applicable box/es.

Literal question

How does this establishment dispose its ICT equipment in 2019?

Specified other mode of disposal of ICT equipment (uses.11_L8_D)

File: SICT 2019

Overview

Type: Discrete
 Format: character
 Width: 1

Valid cases: 0

Pre question

Purchase and Disposal of ICT Equipment

Mark appropriate/applicable box/es.

Literal question

How does this establishment dispose its ICT equipment in 2019?

Others, specify:

Have policy on e-waste disposal of ICT equipment (uses.11_L9)

File: SICT 2019

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0

Valid cases: 0
 Invalid: 0

Pre question

Purchase and Disposal of ICT Equipment

Mark appropriate/applicable box/es.

Literal question

Did this establishment have policy on e-waste disposal of their ICT equipment in 2019?

Male Employees routinely using computer at work
(otherinfo.12_L1_C1)

File: SICT 2019

Overview

Type: Continuous
 Format: numeric
 Width: 1
 Decimals: 0

Valid cases: 0
 Invalid: 0

Pre question

Social Media Account of this establishment

Literal question

Did this establishment receive orders for goods and/or services via social media in 2017?

Post question

Mark appropriate box.

Female Employees routinely using computer at work (otherinfo.12_L1_C2)

File: SICT 2019

Overview

Type: Continuous
 Format: numeric
 Width: 1
 Decimals: 0

Valid cases: 0
 Invalid: 0

Pre question

Social Media Account of this establishment

Literal question

What percent total revenue was generated by this establishment via social media in 2017?

Total Employees routinely using computer at work (otherinfo.12_L1_C3)

File: SICT 2019

Overview

Type: Continuous
 Format: numeric
 Width: 1
 Decimals: 0

Valid cases: 0
 Invalid: 0

Pre question

Purchase and Disposal of ICT Equipment

Literal question

When was the last time this establishment purchase ICT equipment?

Male Employees routinely using computers with Internet at work (otherinfo.12_L2_C1)

File: SICT 2019

Overview

Type: Continuous
 Format: numeric
 Width: 1
 Decimals: 0

Valid cases: 0
 Invalid: 0

Pre question

Purchase and Disposal of ICT Equipment

Literal question

How often does this establishment purchase of ICT equipment?

Post question

Mark appropriate box.

Female Employees routinely using computers with Internet at work
(otherinfo.12_L2_C2)

File: SICT 2019

Overview

Type: Continuous

Format: numeric

Width: 1

Decimals: 0

Valid cases: 0

Invalid: 0

Pre question

Purchase and Disposal of ICT Equipment

Literal question

How does this establishment dispose its ICT equipment?

Post question

Mark applicable box/es.

Total Employees routinely using computers with Internet at work
(otherinfo.12_L2_C3)

File: SICT 2019

Overview

Type: Continuous

Format: numeric

Width: 1

Decimals: 0

Valid cases: 0

Invalid: 0

Pre question

Purchase and Disposal of ICT Equipment

Literal question

How does this establishment dispose its ICT equipment?

Post question

Mark applicable box/es.

Related Materials

Questionnaires

2019 Survey on Information and Communication Technology

Title 2019 Survey on Information and Communication Technology

Author(s) Services Statistics Division

Country Philippines

Filename C:/Users/John Paul C. Sacop/Documents/SSD/Survey/SICT/2019SICT/2019 SICT Questionnaire.pdf
