

# World Bank Enterprise Survey 2023

**World Bank Group (WBG)**

report\_generated\_on: January 24, 2025

visit\_data\_catalog\_at: <https://microdata.worldbank.org/index.php>

## Identification

### SURVEY ID NUMBER

SGP\_2023\_WBES\_v01\_M

### TITLE

World Bank Enterprise Survey 2023

### ABBREVIATION OR ACRONYM

WBES 2023

### COUNTRY/ECONOMY

Name	Country code
Singapore	SGP

### STUDY TYPE

Enterprise Survey [en/oth]

### SERIES INFORMATION

As part of its strategic goal of building a climate for investment, job creation, and sustainable growth, the World Bank has promoted improving business environments as a key strategy for development, which has led to a systematic effort in collecting enterprise data across countries. The Enterprise Surveys are an ongoing World Bank project in collecting both objective data based on firms' experiences and enterprises' perception of the environment in which they operate.

An Enterprise Survey is a firm-level survey of a representative sample of an economy's private sector. Firm-level surveys have been conducted since 1998 by different units within the World Bank. Since 2005-2006, most data collection efforts have been centralized within the Enterprise Analysis Unit. The Enterprise Surveys are conducted across all geographic regions and cover small, medium, and large companies. The surveys are administered to a representative sample of firms in the non-agricultural formal private economy. Data are used to create indicators that benchmark the quality of the business and investment climate across countries.

The World Bank Enterprise Surveys (WBES) collect both objective data based on firms' day-to-day experiences, and perceptions of enterprises regarding the business environment in which they operate. The WBES currently cover over 202,000 firms in 155 countries with a total of 321 surveys since 2006. The WBES are also used to build a panel of enterprise data that will make it possible to track changes in the business environment over time.

### ABSTRACT

The World Bank Enterprise Survey (WBES) is a firm-level survey of a representative sample of an economy's private sector. The surveys cover a broad range of topics related to the business environment including access to finance, corruption, infrastructure, competition, and performance.

### KIND OF DATA

Sample survey data [ssd]

### UNIT OF ANALYSIS

The primary sampling unit of the study is the establishment. An establishment is a physical location where business is carried out and where industrial operations take place or services are provided. A firm may be composed of one or more establishments. For example, a brewery may have several bottling plants and several establishments for distribution. For the purposes of this survey an establishment must make its own financial decisions and have its own financial statements separate from those of the firm. An establishment must also have its own management and control over its payroll.

## Scope

### NOTES

The 2023 Singapore World Bank Enterprise Survey covered the following topics:

- General information of a firm/ establishment
- Infrastructure and services
- Sales and supplies

- Commercial disputes
- Management practices
- Degree of competition
- Innovation
- Capacity
- Land and permits
- Green economy
- Finance
- Business-Government relations
- Labor
- Business environment
- Performance

## Coverage

### GEOGRAPHIC COVERAGE

National coverage

### UNIVERSE

The universe of inference includes all formal (i.e., registered) private sector businesses (with at least 1% private ownership) and with at least five employees. In terms of sectoral criteria, all manufacturing businesses (ISIC Rev 4. codes 10-33) are eligible; for services businesses, those corresponding to the ISIC Rev 4 codes 41-43, 45-47, 49-53, 55-56, 58, 61-62, 69-75, 79, and 95 are included in the Enterprise Surveys. Cooperatives and collectives are excluded from the Enterprise Surveys. All eligible establishments must be registered with the registration agency. In the case of Singapore, registration was with Accounting and Corporate Regulatory Authority (ACRA).

## Producers and sponsors

### PRIMARY INVESTIGATORS

Name
World Bank Group (WBG)

### FUNDING AGENCY/SPONSOR

Name	Abbreviation
World Bank Group	WBG

## Sampling

### SAMPLING PROCEDURE

The WBES use stratified random sampling, where the population of establishments is first separated into non-overlapping groups, called strata, and then respondents are selected through simple random sampling from each stratum. The detailed methodology is provided in the Sampling Note

([https://www.enterprisesurveys.org/content/dam/enterprisesurveys/documents/methodology/Sampling\\_Note-Consolidated-2-16-22.pdf](https://www.enterprisesurveys.org/content/dam/enterprisesurveys/documents/methodology/Sampling_Note-Consolidated-2-16-22.pdf)). Stratified random sampling has several advantages over simple random sampling. In particular, it:

- produces unbiased estimates of the whole population or universe of inference, as well as at the levels of stratification
- ensures representativeness by including observations in all of those categories
- produces more precise estimates for a given sample size or budget allocation, and
- may reduce implementation costs by splitting the population into convenient subdivisions.

The WBES typically use three levels of stratification: industry classification, establishment size, and subnational region (used in combination). Starting in 2022, the WBES bases the industry classification on ISIC Rev. 4 (with earlier surveys using ISIC Rev. 3.1). For regional coverage within a country, the WBES has national coverage.

Note: Refer to Sampling Structure section in "The Singapore 2023 World Bank Enterprise Survey Implementation Report" for

detailed methodology on sampling.

#### RESPONSE RATE

Overall survey response rate was 5.2%.

#### WEIGHTING

Since the WBES uses stratified random sampling, individual observations should be properly weighted when making inferences about the population, since unweighted estimates are biased unless sample sizes are proportional to the size of each stratum. For each WBES, special care is given to correctly compute sampling weights. Whenever the Universe is used to draw the sample (i.e., Sampling Frame is the same as the Universe) it is imperative to accurately adjust the universe within each stratum to account for the presence of ineligible establishments (e.g., the firm discontinued businesses, or is deemed ineligible due to its business activity or having fewer than five employees). Proper treatment of panel establishments is also crucial. Details about how the WBES sampling weights are calculated are given in the Sampling Note section of "The Singapore 2023 World Bank Enterprise Survey Implementation Report".

Three versions of sampling weights are calculated, depending on the assumptions that determine eligibility of establishments to be counted towards the WBES universe.

## Data collection

#### DATES OF DATA COLLECTION

Start	End
2023-05	2023-10

#### DATA COLLECTION MODE

Face-to-face [f2f]

#### DATA COLLECTION NOTES

Detailed information on the WBES methodology and data collection is provided in the Enterprise Surveys Manual and Guide (<https://www.enterprisesurveys.org/content/dam/enterprisesurveys/documents/methodology/Enterprise-Surveys-Manual-and-Guide.pdf>). The interviews for the Singapore 2023 WBES were conducted between May and October 2023. The interviews were conducted in English. For monetary variables, the currency was Singapore dollar (SGD).

The fieldwork for the Singapore 2023 WBES was implemented by Nexus Link Pte Ltd.

## questionnaires

#### QUESTIONNAIRES

The standard WBES questionnaire covers several topics regarding the business environment and business performance. These topics include general firm characteristics, infrastructure, sales and supplies, management practices, competition, innovation, capacity, land and permits, finance, business-government relations, exposure to bribery, labor, and performance. Information about the general structure of the questionnaire is available in the Enterprise Surveys Manual and Guide (<https://www.enterprisesurveys.org/content/dam/enterprisesurveys/documents/methodology/Enterprise-Surveys-Manual-and-Guide.pdf>).

## data\_processing

#### METHODOLOGY NOTES

The WBES datafiles are organized in ways that reflect the corresponding questionnaire. The variables that are standard across countries have the first letter in their name correspond to the questionnaire section where the variable belongs in the questionnaire, i.e., a1 denotes section A. All variables are numeric with the exception of those variables with an "x" at the end of their names. The suffix "x" denotes that the variable is alpha-numeric. Singapore-specific options used in variable b1 are stored in variable named b1\_SG.

The WBES datafiles contain two establishment identifiers, idstd and id. The former is a global unique identifier of each establishment, while the latter is unique identifier within each survey. The variable idstd can be used to match the WBES

establishment one-to-one across databases. The variables `wweak`, `wmedian`, and `wstrong` corresponding to sampling weights based on, respectively, weak, median, and strong assumptions about eligibility (see Section III.6 of "The Singapore 2023 World Bank Enterprise Survey Implementation Report"). The variable `strata` corresponds to the stratum of each observation.

Additionally, the WBES datafiles contain many standard variables. The variable `d1a2_v4` denotes the main activity of the establishment, as obtained during the WBES interview, coded in the four-digit ISIC Rev. 4. Users should note that this activity may differ from the industry classification given in the Sampling Frame, `a4a`. Users are generally advised to use industry categories based on the realized information in `d1a2_v4`. Additional sampling information is contained in variables `a2` (region) and `a6a` (size). The variable `panel` identifies panel establishments. The combination of `a4a`, `a2`, `a6a`, and `panel` forms stratum of each establishment, which is contained in variable `strata`.

The last complete fiscal year for each establishment is contained in variables `a20m` (last month of last complete fiscal year) and `a20y` (last complete fiscal year).

Note that when an entry in the WBES database is empty, this means that the question was not asked to the corresponding respondent. This happens when the question is deemed inapplicable, due to skip patterns or other reasons. In cases when the question was posed, some entry is provided, including don't know, which is an example of item non-response.

## Access policy

### CONTACTS

Name	Affiliation	Email
Enterprise Analysis Unit	World Bank Group	enterprisesurveys@worldbank.org

### CITATION REQUIREMENTS

The World Bank Group. Singapore - World Bank Enterprise Survey (WBES) 2023, Ref. SGP\_2023\_WBES\_v01\_M. Dataset downloaded from <https://www.enterprisesurveys.org/en/data> on [date].

## Disclaimer and copyrights

### DISCLAIMER

The user of the data acknowledges that the original collector of the data, the authorized distributor of the data, and the relevant funding agency bear no responsibility for use of the data or for interpretations or inferences based upon such uses.

## Metadata production

### DDI DOCUMENT ID

DDI\_SGP\_2023\_WBES\_v01\_M\_WB

### PRODUCERS

Name	Abbreviation	Affiliation	Role
Development Data Group	DECDG	World Bank	Documentation of the study

### DATE OF METADATA PRODUCTION

2025-01-23

### DDI DOCUMENT VERSION

Version 01 (January 2025)

**data\_dictionary**

Data file	Cases	variables
<b>Singapore-2023-full-data.dta</b> Singapore 2023 World Bank Enterprise Survey full data	623	356



**Data file: Singapore-2023-full-data.dta**

Singapore 2023 World Bank Enterprise Survey full data

Cases: 623

variables: 356

**variables**

ID	Name	Label	Question
V2	idstd	WEB STD FIRMID	
V3	id	Firm ID	
V4	a4a	Industry Sampling Sector	
V5	a6a	Sampling Size	
V6	a2	Sampling Region	
V7	a1c	Sample Frame Level	
V8	competition_select	Random selection for market competition question	
V9	tax_select	Random selection for market tax compliance question	
V10	vat_applicable	VAT is applicable in economy	
V11	a4b_v4	Industry Screener Sector	
V12	a0	Questionnaire	
V13	a3a	Region of The Establishment	
V14	a6c	Screener Size	
V15	a6b	Screener Size, Categorical	
V16	a7	Establishment part of a multi-establishment Firm?	
V17	a1a	Language of The Interview	
V18	a14d	Day	
V19	a14m	Month	
V20	a14y	Year	
V21	a14h	Hour	
V22	a14min	Minutes	
V23	ic1	Informed Consent	
V24	a20y	Close Year of The Last Completed Fiscal Year	
V25	a20m	Close Month of The Last Completed Fiscal Year	
V26	a20d	Close Day of The Last Completed Fiscal Year	
V27	a1	Country Code	
V28	a12	Interviewer Number	
V29	a7a	Number of Establishments In The Firm	
V30	a7b	Is This Establishment The Headquarters Location?	
V31	a11	If Hq, Financial Statements Independent of The Rest of Establishment	
V32	a7c	Does This Headquarters Location Engage In Production or Sales At This Location?	
V33	a9	Establishment'S Financial Statements Prepared Separately From Hq Statements	
V34	b1	Legal Status of The Firm	
V35	b1x	Other (Specify)	
V36	b1_SG	Legal Status of The Firm, Singapore	
V37	b3a	Is the largest owner also the top manager	
V38	b2a	% Owned By Private Domestic Individuals, Companies or organizations	

ID	Name	Label	Question
V39	b2b	% Owned By Private Foreign Individuals, Companies or organizations	
V40	b2c	% Owned By Government/State	
V41	b2d	% Owned By Other	
V42	b4	Amongst The Owners of The Firm, Are There Any Females?	
V43	b4a	% of The Firm Owned By Females	
V44	b5	Year Establishment Began Operations	
V45	b6	Number of Full-Time Employees of The Establishment When It Started Operations	
V46	b6b	In What Year Was This Establishment Formally Registered?	
V47	b7	How Many Years of Experience Working In This Sector Does The Top Manager Have?	
V48	b7a	Is The Top Manager Female?	
V49	b8	Does Establishment Have An Internationally-Recognized Quality Certification?	
V50	b8x	Specify The Internationally-Recognized Quality Certifications	
V51	c3	Application To Obtain An Electrical Connection Submitted Over The Last 2 Years	
V52	c4	How Many Days Did It Take For You To Receive An Electrical Connection Service?	
V53	c5	Informal Gift/Payment Expected or Requested For An Electrical Connection?	
V54	c31	Cost to obtain electrical connection	
V55	c32	Electricity consumption in a typical month (kWh)	
V56	c6	Over Last FY, Did This Establishment Experience Power Outages?	
V57	c7	Number of Power Outages Experienced In A Typical Month In Last Fiscal Year	
V58	c8a	Average Duration of Power Outages: Hours	
V59	c8b	Average Duration of Power Outages: Minutes	
V60	c9a	In Last FY, Losses As % of Annual Sales Due To Power Outages	
V61	c9b	In Last FY, Value of Losses Due To Power Outages	
V62	c10	Generator Shared or Owned Over The Course of Last Fiscal Year?	
V63	c11	% Electricity From Generator Owned/Shared By The Establishment In Last FY	
V64	c12	Application To Obtain A Water Connection Submitted Over The Last 2 Years	
V65	c13	How Many Days Did It Take For You To Obtain A Water Connection?	
V66	c14	When You Applied For A Water Connection, Was An Informal Gift/Payment Requested?	
V67	c33	Cost to obtain water connection	
V68	c34	Water consumption in a typical month	
V69	c34b	Unit measure of answer to c34	
V70	c34bx	Other (Specify)	
V71	c152	Did You Experience Insufficient Water Supply In Last FY?	
V72	c162	Frequency of Incidents of Water Shortages In A Typical Month In Last FY	
V73	c172	Average Length of Water Shortages In Last Fiscal Year	
V74	c35a	In Last FY, Losses As % of Annual Sales Due To Water Shortages	
V75	c35b	In Last FY, Value of Losses Due To Water Shortages	
V76	c22b	Establishment Has Its Own Website	
V77	c36	Application To Obtain Fixed Broadband Internet Connection Over The Last 2 Years	
V78	c37	How Many Days Did It Take For You To Obtain Internet Connection?	
V79	c38	Cost to obtain Internet connection	
V80	c39	Did You Experience Internet Disruptions In Last FY?	
V81	c40a	Average Length of Internet Disruptions: Hours	
V82	c40b	Average Length of Internet Disruptions: Minutes	

ID	Name	Label	Question
V83	c41a	In Last FY, Losses As % of Annual Sales Due To Internet Disruptions	
V84	c41b	In Last FY, Value of Losses Due To Internet Disruptions	
V85	c42	How difficult to switch internet providers?	
V86	c30a	How Much of An Obstacle: Electricity To Operations of This Establishment?	
V87	d1a1a	Establishment'S Main Product/Service Last FY	
V88	d1a6a	Total number of hotel rooms in the last FY	
V89	d1a6b	Total areas of rooms in the last FY	
V90	d1a6c	Specify units	
V91	d1a6cx	Other (Specify)	
V92	d1a3	Main Product/Service: Percent of Total Annual Sales	
V93	d2	In Last Fiscal Year, What Were This Establishment's Total Annual Sales?	
V94	d2x	Please Also Write Out The Number	
V95	d2a1	What were the establishment's sales 2 years ago?	
V96	d2a1x	Please Also Write Out The Number	
V97	n3	What were the establishment's sales 3 years ago?	
V98	n3x	Please Also Write Out The Number	
V99	d3a	% of Sales: National Sales	
V100	d3b	% of Sales: Indirect Exports	
V101	d3c	% of Sales: Direct Exports	
V102	d31x	Main destination of exports (country code)	
V103	d32	Main point of exit	
V104	d4a	In Last FY, Avg. Num. of Days For Exported Goods To Clear Customs?	
V105	d4b	If less than a day, total hours for exported goods to clear customs	
V106	d33a	In Last FY, Avg. Num. of Days For Exported Goods To Clear all border control age	
V107	d33b	If less than a day, total hours for exported goods to clear all border control a	
V108	d34	FCA costs to comply with all export requirements (% of value of goods exported)	
V109	d35	Any exports shipped by main parcel?	
V110	d36a	In Last FY, Avg. Num. of Days For Exported Goods To Clear all border control age	
V111	d36b	If less than a day, total hours for exported goods to clear all border control a	
V112	d37	Average cost of digital exports (% of value of goods)	
V113	d8	In What Year Did This Establishment First Export Directly or Indirectly?	
V114	d12a	% of Material Inputs And Supplies of Domestic origin In Last Fiscal Year	
V115	d12b	% of Material Inputs And Supplies of Foreign origin In Last Fiscal Year	
V116	d13	Were Any of These Material Inputs And Supplies Imported Directly?	
V117	d38x	Main origin of imports (country code)	
V118	d39	Main point of entry	
V119	d14a	Avg. Num. of Days For Imported Goods To Clear Customs In Last Fiscal Year	
V120	d14b	If less than a day, total hours for imported goods to clear customs	
V121	d40a	In Last FY, Avg. Num. of Days For Imported Goods To Clear all border control age	
V122	d40b	If less than a day, total hours for imported goods to clear all border control a	
V123	d41	DAP costs to comply with all import requirements (% of value of goods imported)	
V124	d30a	How Much of An Obstacle: Transport?	
V125	d30b	How Much of An Obstacle: Customs And Trade Regulations?	
V126	o1	In the last three years, establishment had any commercial dispute?	
V127	o2	Use of courts, arbitration etc. to (or attempt to ) resolve commercial dispute?	

ID	Name	Label	Question
V128	o3a	Reliable alternative to courts for resolving commercial disputes: Arbitration?	
V129	o3b	Reliable alternative to courts for resolving commercial disputes: Mediation etc.?	
V130	r1	What Happened When Problem In The Production Process/Services Provision Arose?	
V131	r2	Did This Establishment Monitor Any Production/Service Performance Indicators?	
V132	r3	How Many Production/Service Provision Performance Indicators Were Monitored?	
V133	r4	Did This Establishment Have Production/Service Provision Targets?	
V134	r5	What Best Describes The Time Frame of Production/Service Provision Targets?	
V135	r6	How Easy To Achieve Its Production/Service Provision Targets?	
V136	r7	Who Was Aware of The Production/Service Provision Targets At This Establishment?	
V137	r8	Was There Performance Bonuses Based On Production/Service Provision Targets?	
V138	r9	What Were Managers' Performance Bonuses Usually Based On?	
V139	r10	What Was The Primary Way Non-Managers Were Promoted?	
V140	r11	When Was An Under-Performing Non-Manager Reassigned or Dismissed?	
V141	e1	In Last FY, Main Market For Establishment'S Main Product	
V142	e2b	Competitors For The Main Product/Service In The Main Market	
V143	e31a	Market share of largest competitor in the last fiscal year	
V144	e31b	Market share of largest competitor in the last fiscal year	
V145	e6	Do You Use Technology Licensed From A Foreign-Owned Company?	
V146	e11	Does This Establishment Compete Against Unregistered or Informal Firms?	
V147	e32	Change in competition in the last year?	
V148	e33	Establishment can increase prices more than competitors without losing customers	
V149	e34	SOEs operating in the establishment's main market?	
V150	e35	How SOE affects ability to grow and expand?	
V151	e30	How Much of An Obstacle: Practices of Competitors In Informal Sector?	
V152	h1	New Products/Services Introduced Over Last 3 Yrs	
V153	h2	New Products/Services Also New For Thr Establishment'S Main Market	
V154	h3x	Describe In Detail The Main New or Significantly Improved Product or Service	
V155	h4x	Describe How The Main New/Significantly Improved Product or Service Is Different	
V156	h5	During Last 3 Yrs, Establishment Introduced New/Significantly Improved Process	
V157	h6x	Describe Main New/Significantly Improved Process This Establishment Introduced	
V158	h7x	How The Main New/Significantly Improved Process Is Different	
V159	h8	During Last Fiscal Year, Establishment Spent On R&D (Excl Market Research)?	
V160	h9	How Much Spent On R&D, Either In-House or External?	
V161	f1	In Last FY, What Was The Capacity Utilization (%) of This Establishment?	
V162	g2	Applic. To Obtain A Construction-Related Permit Submitted Over The Last 2 Years	
V163	g3	How Many Days Did It Take For You To Obtain A Construction-Related Permit?	
V164	g4	Informal Gift/Payment Expected or Requested For A Construction-Related Permit	
V165	g31	In last 2 years, establishment applied for occupancy permit	
V166	g32	Wait for occupancy permit	
V167	g33	Cost of occupancy permit	
V168	g5a	What Is The Total Selling Area In This Establishment?	
V169	g5b	The Area Is Measured In:	
V170	g5bx	Specify Other Units (If Not Included Above) The Area Is Measured In	

ID	Name	Label	Question
V171	g30a	How Much of An Obstacle: Access To Land?	
V172	ge3	Experience damage of physical assets due to extreme weather events?	
V173	ge3a	Monetary damage of physical assets?	
V174	ge7	Over the last 3 years, establishment monitor its CO2 emissions?	
V175	ge8d	Over last 3 years, establishment adopt energy management measures?	
V176	k3a	% of Working Capital Financed From Internal Funds/Retained Earnings	
V177	k3bc	% of Working Capital Borrowed From Banks	
V178	k3e	% of Working Capital Borrowed From Non-Bank Financial Institutions	
V179	k3f	% of Working Capital Purchased On Credit/Advances From Suppliers /Customers	
V180	k3hd	% of Working Capital Financed By Other (Money Lenders, Friends, Relatives, Etc)	
V181	k4	Did This Establishment Purchase Any Fixed Assets In Last FY?	
V182	n5a	Total Annual Expenditure For Purchases of Equipment In Last FY	
V183	n5b	Total Annual Expenditure For Purchases of Land And Buildings In Last FY	
V184	k5a	Last FY, % Fixed Assets Funded By: Internal Funds/Retained Earnings	
V185	k5a1	Fixed Assets - Value Internal Funds or Retained Earnings	
V186	k5i	Last FY, % Fixed Assets Funded By: Owners' Contributions or Issued New Equity	
V187	k5i1	Fixed Assets - Value Owners' Contribution or Issued New Equity Shares	
V188	k5bc	Last FY, % Fixed Assets Funded By: Bank Borrowing	
V189	k5bc1	Fixed Assets - Value Borrowed From Banks	
V190	k5e	Last FY, % Fixed Assets Funded By: Non-Bank Financial Institutions	
V191	k5e1	Fixed Assets - Value Borrowed From Non-Bank Financial Institutions	
V192	k5f	Last FY, % Fixed Assets Funded By: Credit From Suppliers/Advances From Customers	
V193	k5f1	Fixed Assets - Value Purchases On Credit From Suppliers, Advances From Customers	
V194	k5hdj	Last FY, % Fixed Assets Funded By: Other (Money Lenders\Friends\Relatives\Etc)	
V195	k5hdj1	Fixed Assets - Value Other	
V196	k4b	Purchase Any New/Used Fixed Assets?	
V197	n5c	Total Annual Expenditure For Purchases of Equipment In Year Prior To Last FY	
V198	n5d	Total Annual Expenditure On Land And Buildings In Year Prior To Last FY	
V199	k6	Does This Establishment Have A Checking And/or Saving Account?	
V200	k7	At This Time, Does This Establishment Have An Overdraft Facility?	
V201	k82	Establishment Has A Line of Credit or Loan From A Financial Institution?	
V202	k9	Type of Financial Institution That Granted The Line of Credit or Loan	
V203	k10	Year When The Most Recent Loan/Line of Credit Approved	
V204	k11	For The Most Recent Loan, What Was The Value At The Time of Approval?	
V205	k13	Financing Required For The Most Recent Line of Credit or Loan	
V206	k14a	Type of Collateral Required For The Most Recent Loan? Land, Buildings	
V207	k14b	Type of Collateral Required For The Most Recent Loan? Equipment	
V208	k14c	Type of Collateral Required For The Most Recent Loan? Accounts	
V209	k14d	Type of Collateral Required For The Most Recent Loan? Personal Assets	
V210	k14e	Type of Collateral Required For The Most Recent Loan? Other	
V211	k15a	Value of Collateral Required For The Most Recent Credit/Loan	
V212	k15b	Total Number of Open Lines of Credit and Outstanding Loans	
V213	k15c	Total Outstanding Balance of All Open Lines of Credit and Loans (LCU)	

ID	Name	Label	Question
V214	k15d	Outstanding Personal Loans Used To Finance Establishment'S Business Activities?	
V215	k162	In Last FY, Did Establishment Apply For New Loans/Lines of Credit?	
V216	k17	Main Reason For Not Applying For New Loans or New Lines of Credit	
V217	k20a1	What Was The Outcome of That Most Recent Application For Loan/Line of Credit?	
V218	k31	Total cost to apply for most recent loan	
V219	k32	Days to receive a decision about most recent loan application	
V220	k21	Financial Statements Checked & Certified By External Auditor In Last FY?	
V221	k33	Percentage of payments received using e-payments	
V222	k34	Main type of e-payment accepted	
V223	k35	Avg. days to receive main type of e-payment	
V224	k36	Cost per transaction (% of transaction) to receive main type of e-payment	
V225	k37	Monthly fees and subscription costs to receive main type of e-payment	
V226	k38	Percentage of payments made using e-payments	
V227	k39	Main type of e-payment used to make payments	
V228	k40	Cost per transaction (% of transaction) to make main type of e-payment	
V229	k30	How Much of An Obstacle: Access To Finance	
V230	j31	In resolving commercial disputes, courts are independent and impartial	
V231	j2	What % of Senior Management Time Was Spent In Dealing With Govt Regulations?	
V232	j3	Over The Last 12 Months, Was This Establishment Inspected By Tax officials?	
V233	j4	Frequency of Inspections/Requirement For Meeting By Tax officials	
V234	j5	In Any of These Inspections Was A Gift/Informal Payment Requested ?	
V235	j32	Did any of these visits or meetings consist of a tax audit?	
V236	j33	Weeks until final audit report was received	
V237	j34	Establishment outsourced some tax-related activities in the last FY	
V238	j35a	Total annual time spent on tax compliance (hours)	
V239	j35b	Average monthly time spent on tax compliance (hours)	
V240	j36	In last FY, did establishment file taxes electronically	
V241	j37	In last FY, did establishment pay taxes electronically	
V242	j38	In the last 3 yrs., establishment has applied for a VAT refund	
V243	j39	Weeks to receive VAT refund	
V244	j40	Main reason for not applying for a VAT tax refund	
V245	j6a	Government Contract Secured (or Attempted) In The Last 12 Months?	
V246	j41	Degree of difficulty to comply with govt contract tender requirements	
V247	j42	Establishment has held a govt contract in last 3 yrs?	
V248	j43	Typical number of days to receive payment under govt contract	
V249	j7a	Percent of Total Annual Sales Paid In Informal Payments	
V250	j7b	Total Annual Informal Payment	
V251	j10	Application To Obtain An Import License Submitted Over The Last 2 Years?	
V252	j11	How Many Days Did It Take To Obtain Your Import License?	
V253	j12	When You Applied For An Import License, Was An Informal Gift/Payment Requested?	
V254	j13	Application To Obtain An Operating License Submitted Over Last 2 Years?	
V255	j14	How Many Days Did It Take To Obtain Your Operating License?	
V256	j15	When You Applied For Operating License Was An Informal Gift/Payment Requested?	

ID	Name	Label	Question
V257	j30a	How Much of An Obstacle: Tax Rates	
V258	j30b	How Much of An Obstacle: Tax Administrations	
V259	j30c	How Much of An Obstacle: Business Licensing And Permits	
V260	j30e	How Much of An Obstacle: Political Instability	
V261	j30f	How Much of An Obstacle: Corruption	
V262	h30	How Much of An Obstacle: Courts	
V263	i30	How Much of An Obstacle: Crime, Theft And Disorder?	
V264	j30_taxrate_pos	J30: rotation position 1	
V265	j30_taxadmin_pos	J30: rotation position 2	
V266	j30_permit_pos	J30: rotation position 3	
V267	j30_instability_pos	J30: rotation position 4	
V268	j30_corruption_pos	J30: rotation position 5	
V269	j30_courts_pos	J30: rotation position 6	
V270	j30_crime_pos	J30: rotation position 7	
V271	l1	Num. Permanent, Full-Time Employees At End of Last Fiscal Year	
V272	l2	Num. Permanent, Full-Time Employees At End of 3 Fiscal Years Ago	
V273	l3a	Num. Full-Time Employees At End of Last FY: Production Workers	
V274	l3b	Num. Full-Time Employees At End of Last FY: Non-Production Workers	
V275	l4a1	Num. of Permanent, Full-Time Skilled Production Workers, Last FY	
V276	l4a2	Num. of Permanent, Full-Time Semi-skilled Production Workers, Last FY	
V277	l4b	Num. of Permanent, Full-Time Low-skilled Production Workers, Last FY	
V278	l5a	Num. Full-Time Employees At End of Last FY: Female Production Workers	
V279	l5b	Num. Full-Time Employees At End of Last FY: Female Non-Production Workers	
V280	l5	Num. Full-Time Employees At End of Last FY: Female	
V281	l9b	% of Full Time Workers Completed High School End of Last FY	
V282	l9b1	Number of Full Time Workers Completed High School	
V283	l10	Formal Training Programs For Permanent, Full-Time Employees In Last FY	
V284	l11a	% Permanent Full-Time Production Employees Received Formal Training In Last FY	
V285	l11a1	Training Programs Amount: Production Full-Time Permanent Employees Trained	
V286	l11b	% Permanent Fulltime Nonproduction Employees Received Formal Training In Last FY	
V287	l11b1	Training Programs Amount:Non-Production Full-Time Permanent Employees Trained	
V288	l12a	% Permanent Full-Time Female Employees Received Formal Training In Last FY	
V289	l12a1	Training Programs Amount: Full-Time Permanent Female Employees Trained	
V290	l31	In the last FY, number of workers establishment needed to hire	
V291	l32	In the last FY, number of workers establishment hired	
V292	l33	Main reason establishment did not hire more workers in the last FY	
V293	l34	In the last 3 yrs., establishment has dismissed any permanent, full-time workers	
V294	l35	Typical number of weeks to dismiss full-time permanent worker	
V295	l36	Typical number of weeks paid in severance	
V296	l1a	Num. Part-time Employees At End of Last Fiscal Year	
V297	l6	Num. Full-Time Temporary Employees At End of Last FY	
V298	l6a	Female Temporary, Full-Time Workers Employed Throughout Last FY	
V299	l8	Avg. Length of Employment of All Full-Time Temporary Employees In Last FY	

ID	Name	Label	Question
V300	I37	In the last 3 yrs., establishment has been involved in any labor dispute	
V301	I38	Typical number of weeks to resolve labor dispute	
V302	I39	Cost to resolve labor dispute	
V303	I40	In last FY, was establishment visited by health and safety inspectors	
V304	I41	Was a report issued for health and safety inspection	
V305	I30a	How Much of An Obstacle: Labor Regulations?	
V306	I30b	How Much of An Obstacle: Inadequately Educated Workforce?	
V307	m1a	Biggest Obstacle Affecting The Operation of This Establishment	
V308	m1a_finance_pos	m1a: Position of Access to Finance	
V309	m1a_land_pos	m1a: Position of Access to land	
V310	m1a_permit_pos	m1a: Position of Business licensing and permits	
V311	m1a_corruption_pos	m1a: Position of corruption	
V312	m1a_courts_pos	m1a: Position of Courts	
V313	m1a_crime_pos	m1a: Position of Crime, theft and disorder	
V314	m1a_trade_pos	m1a: Position of Customs and trade regulations	
V315	m1a_electricity_pos	m1a: Position of Electricity	
V316	m1a_workforce_pos	m1a: Position of Inadequately educated workforce	
V317	m1a_labor_pos	m1a: Position of Labor regulations	
V318	m1a_instability_pos	m1a: Position of Political instability	
V319	m1a_informal_pos	m1a: Position of Practices of competitors in the informal sector	
V320	m1a_taxadmin_pos	m1a: Position of Tax administration	
V321	m1a_taxrate_pos	m1a: Position of Tax rates	
V322	m1a_transport_pos	m1a: Position of Transport	
V323	n2a	Total Labor Cost (Incl. Wages, Salaries, Bonuses, Etc) In Last Fiscal Year	
V324	n2a2	Social security payments and employment-based taxes	
V325	n2b	Total Annual Costs of Electricity In Last Fiscal Year	
V326	n2k	Total Annual Cost of Water	
V327	n2l	Total Annual Cost of high-speed, fixed broadband internet	
V328	n2e	Cost of Raw Materials And Intermediate Goods Used In Prod. In Last Fiscal Year	
V329	n2i	Total Annual Cost of Finished Goods/Materials Bought To Resell In Last FY	
V330	n2a1	Total Labor Cost (Incl. Wages, Salaries, Bonuses, Etc) 2 fiscal years ago	
V331	n2e1	Total Cost of Raw Materials And Intermediate Goods Used In Production	
V332	n7a	Cost For Establishment To Re-Purchase All of Its Machinery	
V333	n11	Effective income-based tax rate	
V334	n12	Effective consumption tax rate	
V335	a15d	Day	
V336	a15m	Month	
V337	a15y	Year	
V338	a15h	Hour	
V339	a15min	Minutes	
V340	a16	Perception of The Questions Regarding Opinions And Perceptions	
V341	a17	Responses To The Questions About Figures Areâ€¦	
V342	a18	This Questionnaire Was Completed In:	
V343	a19h	If Option 2 or 3 In A.18, Estimate Duration of The Whole Interview: Hours	
V344	a19m	If Option 2 or 3 In A.18, Estimate Duration of The Whole Interview: Minutes	

ID	Name	Label	Question
V345	a13	Supervisor Number	
V346	a3b	official Capital City?	
V347	a3c	Main Business City?	
V348	a3	Size of Locality	
V349	d1a2_v4	Main Product/Service ISIC (Rev. 4) Code	
V350	stratificationregioncode	stratification region code	
V351	stratificationsizecode	stratification size code	
V352	stratificationsectorcode	stratification sector code	
V353	stratificationpanelcode	panel code	
V354	wstrict	Weight according to strict eligibility	
V355	wmedian	Weight according to median eligibility	
V356	wweak	Weight according to weak eligibility	
V357	strata	see notes	

total: 356



**VAT\_APPLICABLE: VAT is applicable in economy****Data file: Singapore-2023-full-data.dta****Overview**

Valid: 623 Invalid: Minimum: 1 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	Yes	550	88.3%
2	No	73	11.7%

**A4B\_V4: Industry Screener Sector****Data file: Singapore-2023-full-data.dta****Overview**

Valid: 623 Invalid: Minimum: 10 Maximum: 95  
 Type: Discrete Decimal: 0 Width: 2 Range: 10 - 95 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
10	Food	62	10%
11	Beverages	2	0.3%
12	Tobacco products	0	0%
13	Textiles	1	0.2%
14	Wearing apparel	6	1%
15	Leather and related products	1	0.2%
16	Wood and products of wood and cork	3	0.5%
17	Paper and paper products	0	0%
18	Printing and reproduction of recorded media	5	0.8%
19	Coke and refined petroleum products	0	0%
20	Chemical and chemical products	2	0.3%
21	Pharmaceutical products	3	0.5%
22	Rubber and plastic products	6	1%
23	Non-metallic mineral products	3	0.5%
24	Basic metals	2	0.3%
25	Fabricated metal products	16	2.6%

26	Computer, electronic, and optical products	9	1.4%
27	Electrical equipment	8	1.3%
28	Machinery and equipment	13	2.1%
29	Motor vehicles	19	3%
30	Other transport equipment	0	0%
31	Furniture	16	2.6%
32	Other manufacturing	32	5.1%
33	Repair and installation of machinery and equipment	2	0.3%
41	Construction of buildings	144	23.1%
42	Civil engineering	0	0%
43	Specialized construction activities	0	0%
45	Services of motor vehicles	6	1%
46	Wholesale	60	9.6%
47	Retail	12	1.9%
49	Land transport and transport via pipelines	12	1.9%
51	Air transport	0	0%
52	Warehousing and support activities for transportation	0	0%
53	Postal and courier activities	0	0%
55	Accommodation	0	0%
56	Food and beverage	45	7.2%
58	Publishing activities	2	0.3%
61	Telecommunications	7	1.1%
62	Computer programming	2	0.3%
69	Legal and accounting activities	121	19.4%
70	Activities of head offices; management consultancy activities	0	0%
71	Architectural and engineering activities; technical testing and analysis	0	0%
72	Scientific research and development	0	0%
73	Advertising and market research	0	0%
74	Other professional, scientific and technical activities	0	0%
75	Veterinary activities	0	0%
79	Travel agency, tour operator	0	0%
95	Repair of computers and household goods	1	0.2%

## IDSTD: WEB STD FIRMID

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 623 Invalid: Minimum: 1179307 Maximum: 1179929  
 Type: Continuous Decimal: 0 Width: 7 Range: 1179307 - 1179929 Format: Numeric

**ID: Firm ID****Data file: Singapore-2023-full-data.dta****Overview**

Valid: 623 Invalid: Minimum: 290 Maximum: 59428  
 Type: Continuous Decimal: 0 Width: 5 Range: 290 - 59428 Format: Numeric

**A4A: Industry Sampling Sector****Data file: Singapore-2023-full-data.dta****Overview**

Valid: 623 Invalid: Minimum: 1 Maximum: 5  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 5 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	Manufacturing	122	19.6%
2	Construction	128	20.5%
3	Wholesale	101	16.2%
4	Professional Activities	101	16.2%
5	Other Services	171	27.4%

**A6A: Sampling Size****Data file: Singapore-2023-full-data.dta****Overview**

Valid: 623 Invalid: Minimum: 1 Maximum: 3  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 3 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	Small	274	44%
2	Medium	243	39%
3	Large	106	17%

**A2: Sampling Region****Data file: Singapore-2023-full-data.dta****Overview**

Valid: 623 Invalid: Minimum: 1 Maximum: 1  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 1 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	Singapore	623	100%

**A1C: Sample Frame Level****Data file: Singapore-2023-full-data.dta****Overview**

Valid: 623 Invalid: Minimum: 1 Maximum: 1  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 1 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	Establishment	623	100%
2	Firm	0	0%

**COMPETITION\_SELECT: Random selection for market competition question****Data file: Singapore-2023-full-data.dta****Overview**

Valid: 623 Invalid: Minimum: 0 Maximum: 1  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		319	51.2%
1		304	48.8%

**TAX\_SELECT: Random selection for market tax compliance question****Data file: Singapore-2023-full-data.dta****Overview**

Valid: 623 Invalid: Minimum: 0 Maximum: 1  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		322	51.7%
1		301	48.3%

**A0: Questionnaire****Data file: Singapore-2023-full-data.dta****Overview**

Valid: 623 Invalid: Minimum: 1 Maximum: 3  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 3 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	Manufacturing	122	19.6%
2	Retail services	46	7.4%
3	Other services	455	73%

**A3A: Region of The Establishment****Data file: Singapore-2023-full-data.dta****Overview**

Valid: 623 Invalid: Minimum: 1 Maximum: 1  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 1 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	Singapore	623	100%

**A6C: Screener Size****Data file: Singapore-2023-full-data.dta****Overview**

Valid: 623 Invalid: Minimum: 5 Maximum: 2010  
 Type: Continuous Decimal: 0 Width: 4 Range: 5 - 2010 Format: Numeric

**A6B: Screener Size, Categorical****Data file: Singapore-2023-full-data.dta****Overview**

Valid: 623 Invalid: Minimum: 1 Maximum: 3  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 3 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0	Micro	0	0%
1	Small	280	44.9%
2	Medium	238	38.2%
3	Large	105	16.9%

**A7: Establishment part of a multi-establishment Firm?****Data file: Singapore-2023-full-data.dta****Overview**

Valid: 623 Invalid: Minimum: 1 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	Yes	78	12.5%
2	No	545	87.5%

**A1A: Language of The Interview****Data file: Singapore-2023-full-data.dta**

## Overview

Valid: 623 Invalid: Minimum: 1 Maximum: 1  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 1 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	English	623	100%

## A14D: Day

Data file: Singapore-2023-full-data.dta

## Overview

Valid: 623 Invalid: Minimum: 1 Maximum: 31  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 31 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		10	1.6%
2		13	2.1%
3		12	1.9%
4		12	1.9%
5		7	1.1%
6		11	1.8%
7		16	2.6%
8		14	2.2%
10		10	1.6%
11		29	4.7%
12		17	2.7%
13		15	2.4%
14		22	3.5%
15		20	3.2%
16		21	3.4%
17		34	5.5%
18		43	6.9%
19		28	4.5%
20		20	3.2%

21		23	3.7%
22		28	4.5%
23		24	3.9%
24		25	4%
25		30	4.8%
26		15	2.4%
27		28	4.5%
28		32	5.1%
29		23	3.7%
30		22	3.5%
31		19	3%

## A14M: Month

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 623 Invalid: Minimum: 5 Maximum: 10  
Type: Discrete Decimal: 0 Width: 2 Range: 5 - 10 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
5		19	3%
6		48	7.7%
7		16	2.6%
8		282	45.3%
9		208	33.4%
10		50	8%

## A14Y: Year

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 623 Invalid: Minimum: 2023 Maximum: 2023  
Type: Discrete Decimal: 0 Width: 4 Range: 2023 - 2023 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
2023		623	100%

## A14H: Hour

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 623 Invalid: Minimum: 9 Maximum: 22  
 Type: Discrete Decimal: 0 Width: 2 Range: 9 - 22 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
9		20	3.2%
10		66	10.6%
11		79	12.7%
12		43	6.9%
13		64	10.3%
14		100	16.1%
15		92	14.8%
16		77	12.4%
17		51	8.2%
18		18	2.9%
19		8	1.3%
20		3	0.5%
21		1	0.2%
22		1	0.2%

## A14MIN: Minutes

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 623 Invalid: Minimum: 0 Maximum: 59  
 Type: Continuous Decimal: 0 Width: 2 Range: 0 - 59 Format: Numeric

## IC1: Informed Consent

Data file: Singapore-2023-full-data.dta

## Overview

Valid: 623 Invalid: Minimum: 1 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	Yes	590	94.7%
2	No	33	5.3%

## A20Y: Close Year of The Last Completed Fiscal Year

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 623 Invalid: Minimum: 2022 Maximum: 2023  
 Type: Discrete Decimal: 0 Width: 4 Range: 2022 - 2023 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
2022		390	62.6%
2023		233	37.4%

## A20M: Close Month of The Last Completed Fiscal Year

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 623 Invalid: Minimum: 1 Maximum: 12  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 12 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		22	3.5%
2		15	2.4%
3		60	9.6%
4		27	4.3%
5		27	4.3%

6		53	8.5%
7		29	4.7%
8		12	1.9%
9		31	5%
10		9	1.4%
11		10	1.6%
12		328	52.6%

## A20D: Close Day of The Last Completed Fiscal Year

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 623 Invalid: Minimum: 28 Maximum: 31  
 Type: Discrete Decimal: 0 Width: 2 Range: 28 - 31 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
28		15	2.4%
30		121	19.4%
31		487	78.2%

## A1: Country Code

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 623 Invalid: Minimum: 174 Maximum: 174  
 Type: Discrete Decimal: 0 Width: 3 Range: 174 - 174 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
174		623	100%

## A12: Interviewer Number

Data file: Singapore-2023-full-data.dta

## Overview

Valid: 623 Invalid:  
Type: Discrete Width: 7 Range: - Format: character

### A7A: Number of Establishments In The Firm

Data file: Singapore-2023-full-data.dta

## Overview

Valid: 78 Invalid: 545 Minimum: -9 Maximum: 22  
Type: Discrete Decimal: 0 Width: 2 Range: -9 - 22 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	3	3.8%
2		34	43.6%
3		15	19.2%
4		10	12.8%
5		5	6.4%
6		2	2.6%
8		1	1.3%
9		2	2.6%
15		1	1.3%
18		1	1.3%
19		1	1.3%
21		1	1.3%
22		2	2.6%
Sysmiss		545	

### A7B: Is This Establishment The Headquarters Location?

Data file: Singapore-2023-full-data.dta

## Overview

Valid: 78 Invalid: 545 Minimum: 1 Maximum: 2  
Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
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1	Yes	52	66.7%
2	No	26	33.3%
Sysmiss		545	

### A11: If Hq, Financial Statements Independent of The Rest of Establishment

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 52 Invalid: 571 Minimum: 1 Maximum: 2  
Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1	Yes	36	69.2%
2	No	16	30.8%
Sysmiss		571	

### A7C: Does This Headquarters Location Engage In Production or Sales At This Location?

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 52 Invalid: 571 Minimum: 1 Maximum: 1  
Type: Discrete Decimal: 0 Width: 1 Range: 1 - 1 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1	Yes	52	100%
2	No	0	0%
Sysmiss		571	

### A9: Establishment'S Financial Statements Prepared Separately From Hq Statements

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 26 Invalid: 597 Minimum: 1 Maximum: 1  
Type: Discrete Decimal: 0 Width: 1 Range: 1 - 1 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	Yes	26	100%
2	No	0	0%
Sysmiss		597	

### B1: Legal Status of The Firm

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 623 Invalid: Minimum: 1 Maximum: 5  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 5 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Shareholding company with shares traded on the stock market	10	1.6%
2	Shareholding company with non-traded shares or shares traded privately	468	75.1%
3	Sole proprietorship	78	12.5%
4	Partnership	48	7.7%
5	Limited partnership	19	3%
6	Other	0	0%

### B1X: Other (Specify)

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 623 Invalid:  
 Type: Discrete Width: 1 Range: - Format: character

### B1\_SG: Legal Status of The Firm, Singapore

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 623 Invalid: Minimum: 1 Maximum: 12  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 12 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	Public company limited by shares	10	1.6%
2	Exempt private company	332	53.3%
3	Sole proprietorship	78	12.5%
4	Partnership	48	7.7%
5	Limited partnership	15	2.4%
7	Public company limited by guarantee	0	0%
8	Unlimited public company	0	0%
9	Unlimited exempt private company	0	0%
10	Private company limited by shares	134	21.5%
11	Unlimited private company	2	0.3%
12	Limited liability partnership	4	0.6%

### B3A: Is the largest owner also the top manager

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 623 Invalid: Minimum: -9 Maximum: 2

Type: Discrete Decimal: 0 Width: 2 Range: -9 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	0.2%
1	Yes	519	83.3%
2	No	103	16.5%

### B2A: % Owned By Private Domestic Individuals, Companies or organizations

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 623 Invalid: Minimum: 0 Maximum: 100

Type: Discrete Decimal: 0 Width: 3 Range: 0 - 100 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
0		70	11.2%
1		1	0.2%
5		1	0.2%
10		3	0.5%
15		3	0.5%
20		7	1.1%
25		3	0.5%
30		3	0.5%
33		5	0.8%
34		2	0.3%
40		9	1.4%
50		49	7.9%
60		7	1.1%
66		1	0.2%
67		11	1.8%
70		6	1%
75		8	1.3%
80		2	0.3%
90		6	1%
100		426	68.4%

## B2B: % Owned By Private Foreign Individuals, Companies or organizations

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 623 Invalid: Minimum: 0 Maximum: 100

Type: Discrete Decimal: 0 Width: 3 Range: 0 - 100 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
0		427	68.5%

10		5	0.8%
20		2	0.3%
25		8	1.3%
30		6	1%
33		11	1.8%
34		1	0.2%
40		7	1.1%
50		49	7.9%
60		9	1.4%
66		2	0.3%
67		5	0.8%
70		3	0.5%
75		3	0.5%
80		7	1.1%
85		3	0.5%
90		3	0.5%
95		1	0.2%
98		1	0.2%
100		70	11.2%

## B2C: % Owned By Government/State

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 623 Invalid: Minimum: 0 Maximum: 1  
 Type: Discrete Decimal: 0 Width: 2 Range: 0 - 1 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
0		622	99.8%
1		1	0.2%

## B2D: % Owned By Other

Data file: Singapore-2023-full-data.dta

## Overview

Valid: 623 Invalid: Minimum: 0 Maximum: 10  
 Type: Discrete Decimal: 0 Width: 2 Range: 0 - 10 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
0		622	99.8%
10		1	0.2%

## B4: Amongst The Owners of The Firm, Are There Any Females?

Data file: Singapore-2023-full-data.dta

## Overview

Valid: 623 Invalid: Minimum: -9 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	0.2%
1	Yes	223	35.8%
2	No	399	64%

## B4A: % of The Firm Owned By Females

Data file: Singapore-2023-full-data.dta

## Overview

Valid: 223 Invalid: 400 Minimum: -9 Maximum: 100  
 Type: Discrete Decimal: 0 Width: 3 Range: -9 - 100 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	6	2.7%
1		5	2.2%
2		2	0.9%

5		7	3.1%
10		14	6.3%
15		2	0.9%
16		1	0.4%
17		1	0.4%
20		21	9.4%
25		10	4.5%
30		13	5.8%
33		9	4%
35		1	0.4%
40		8	3.6%
45		3	1.3%
50		70	31.4%
60		4	1.8%
70		2	0.9%
80		1	0.4%
90		1	0.4%
100		42	18.8%
Sysmiss		400	

## B5: Year Establishment Began Operations

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 623 Invalid: Minimum: 1966 Maximum: 2022  
 Type: Discrete Decimal: 0 Width: 4 Range: 1966 - 2022 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1966		1	0.2%
1970		1	0.2%
1971		1	0.2%
1972		2	0.3%
1973		2	0.3%
1974		3	0.5%
1975		6	1%

1977		1	0.2%
1978		5	0.8%
1979		8	1.3%
1980		4	0.6%
1981		3	0.5%
1982		2	0.3%
1983		9	1.4%
1984		6	1%
1985		3	0.5%
1986		7	1.1%
1987		3	0.5%
1988		2	0.3%
1989		7	1.1%
1990		14	2.2%
1991		9	1.4%
1992		9	1.4%
1993		8	1.3%
1994		9	1.4%
1995		12	1.9%
1996		7	1.1%
1997		11	1.8%
1998		6	1%
1999		14	2.2%
2000		15	2.4%
2001		8	1.3%
2002		9	1.4%
2003		20	3.2%
2004		14	2.2%
2005		8	1.3%
2006		18	2.9%
2007		23	3.7%
2008		19	3%
2009		17	2.7%
2010		28	4.5%
2011		18	2.9%
2012		37	5.9%
2013		26	4.2%
2014		22	3.5%
2015		30	4.8%

2016		18	2.9%
2017		24	3.9%
2018		35	5.6%
2019		21	3.4%
2020		14	2.2%
2021		17	2.7%
2022		7	1.1%

## B6: Number of Full-Time Employees of The Establishment When It Started Operations

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 623 Invalid: Minimum: -9 Maximum: 250  
 Type: Discrete Decimal: 0 Width: 3 Range: -9 - 250 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	11	1.8%
1		14	2.2%
2		45	7.2%
3		85	13.6%
4		43	6.9%
5		131	21%
6		44	7.1%
7		15	2.4%
8		16	2.6%
9		3	0.5%
10		74	11.9%
11		1	0.2%
12		4	0.6%
13		1	0.2%
14		1	0.2%
15		18	2.9%
16		3	0.5%
17		2	0.3%
18		3	0.5%
20		30	4.8%

23		2	0.3%
24		1	0.2%
25		4	0.6%
30		16	2.6%
32		1	0.2%
33		1	0.2%
35		2	0.3%
40		1	0.2%
45		2	0.3%
50		23	3.7%
55		1	0.2%
60		7	1.1%
70		3	0.5%
75		1	0.2%
80		1	0.2%
100		9	1.4%
160		1	0.2%
200		1	0.2%
215		1	0.2%
250		1	0.2%

## B6B: In What Year Was This Establishment Formally Registered?

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 623 Invalid: Minimum: -9 Maximum: 2022  
 Type: Discrete Decimal: 0 Width: 4 Range: -9 - 2022 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	0.2%
-7	Never registered (spontaneous)	0	0%
1966		1	0.2%
1970		1	0.2%
1971		1	0.2%
1972		2	0.3%
1973		2	0.3%

1974		3	0.5%
1975		5	0.8%
1976		1	0.2%
1977		1	0.2%
1978		3	0.5%
1979		7	1.1%
1980		3	0.5%
1981		3	0.5%
1982		2	0.3%
1983		9	1.4%
1984		5	0.8%
1985		3	0.5%
1986		6	1%
1987		3	0.5%
1988		1	0.2%
1989		7	1.1%
1990		13	2.1%
1991		8	1.3%
1992		9	1.4%
1993		8	1.3%
1994		8	1.3%
1995		13	2.1%
1996		6	1%
1997		10	1.6%
1998		6	1%
1999		14	2.2%
2000		16	2.6%
2001		8	1.3%
2002		9	1.4%
2003		19	3%
2004		14	2.2%
2005		7	1.1%
2006		19	3%
2007		23	3.7%
2008		20	3.2%
2009		15	2.4%
2010		26	4.2%
2011		22	3.5%
2012		35	5.6%

2013		30	4.8%
2014		25	4%
2015		30	4.8%
2016		17	2.7%
2017		25	4%
2018		36	5.8%
2019		21	3.4%
2020		15	2.4%
2021		19	3%
2022		7	1.1%

## B7: How Many Years of Experience Working In This Sector Does The Top Manager Have?

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 623 Invalid: Minimum: 1 Maximum: 60

Type: Discrete Decimal: 0 Width: 2 Range: 1 - 60 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	One year or less	3	0.5%
2		6	1%
3		3	0.5%
4		5	0.8%
5		23	3.7%
6		6	1%
7		9	1.4%
8		17	2.7%
9		3	0.5%
10		72	11.6%
11		4	0.6%
12		13	2.1%
13		4	0.6%
14		1	0.2%
15		52	8.3%
16		3	0.5%

17		3	0.5%
18		3	0.5%
19		1	0.2%
20		116	18.6%
21		1	0.2%
22		1	0.2%
23		4	0.6%
24		2	0.3%
25		61	9.8%
26		3	0.5%
27		2	0.3%
28		2	0.3%
30		95	15.2%
31		1	0.2%
32		1	0.2%
33		1	0.2%
35		23	3.7%
36		1	0.2%
37		1	0.2%
38		1	0.2%
39		1	0.2%
40		60	9.6%
42		1	0.2%
43		1	0.2%
45		2	0.3%
50		8	1.3%
60		3	0.5%

## B7A: Is The Top Manager Female?

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 623 Invalid: Minimum: 1 Maximum: 2

Type: Discrete Decimal: 0 Width: 2 Range: 1 - 2 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases
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-9	Don't know (spontaneous)	0	0%
1	Yes	126	20.2%
2	No	497	79.8%

### B8: Does Establishment Have An Internationally-Recognized Quality Certification?

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 623 Invalid: Minimum: -9 Maximum: 2  
Type: Discrete Decimal: 0 Width: 2 Range: -9 - 2 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	3	0.5%
-6	Still in process	2	0.3%
1	Yes	144	23.1%
2	No	474	76.1%

### B8X: Specify The Internationally-Recognized Quality Certifications

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 623 Invalid:  
Type: Continuous Width: 46 Range: - Format: character

### C3: Application To Obtain An Electrical Connection Submitted Over The Last 2 Years

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 623 Invalid: Minimum: 1 Maximum: 2  
Type: Discrete Decimal: 0 Width: 2 Range: 1 - 2 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Yes	23	3.7%

2	No	600	96.3%
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#### C4: How Many Days Did It Take For You To Receive An Electrical Connection Service?

Data file: Singapore-2023-full-data.dta

##### Overview

Valid: 23 Invalid: 600 Minimum: -9 Maximum: 15  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 15 Format: Numeric

##### Questions and instructions

###### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	2	8.7%
-6	Still in process	1	4.3%
-5	Application denied	0	0%
1	One day or less	10	43.5%
6		1	4.3%
7		3	13%
14		5	21.7%
15		1	4.3%
Sysmiss		600	

#### C5: Informal Gift/Payment Expected or Requested For An Electrical Connection?

Data file: Singapore-2023-full-data.dta

##### Overview

Valid: 23 Invalid: 600 Minimum: 1 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 2 Format: Numeric

##### Questions and instructions

###### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
-8	Refusal (spontaneous)	0	0%
1	Yes	1	4.3%
2	No	22	95.7%
Sysmiss		600	

**C31: Cost to obtain electrical connection**

Data file: Singapore-2023-full-data.dta

**Overview**

Valid: 23 Invalid: 600 Minimum: -9 Maximum: 25000  
 Type: Discrete Decimal: 0 Width: 5 Range: -9 - 25000 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	2	8.7%
50		1	4.3%
100		1	4.3%
150		1	4.3%
300		3	13%
500		2	8.7%
1000		4	17.4%
1200		1	4.3%
1500		2	8.7%
2000		1	4.3%
5000		3	13%
8000		1	4.3%
25000		1	4.3%
Sysmiss		600	

**C32: Electricity consumption in a typical month (kWh)**

Data file: Singapore-2023-full-data.dta

**Overview**

Valid: 623 Invalid: Minimum: -9 Maximum: 200000  
 Type: Discrete Decimal: 0 Width: 6 Range: -9 - 200000 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	63	100%

**C6: Over Last FY, Did This Establishment Experience Power Outages?**

Data file: Singapore-2023-full-data.dta

**Overview**

Valid: 623 Invalid: Minimum: 1 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Yes	1	0.2%
2	No	622	99.8%

**C7: Number of Power Outages Experienced In A Typical Month In Last Fiscal Year**

Data file: Singapore-2023-full-data.dta

**Overview**

Valid: 1 Invalid: 622 Minimum: 1 Maximum: 1  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 1 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1		1	100%
Sysmiss		622	

**C8A: Average Duration of Power Outages: Hours**

Data file: Singapore-2023-full-data.dta

**Overview**

Valid: 1 Invalid: 622 Minimum: 4 Maximum: 4  
 Type: Discrete Decimal: 0 Width: 2 Range: 4 - 4 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%

4		1	100%
Sysmiss		622	

### C8B: Average Duration of Power Outages: Minutes

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 1 Invalid: 622 Minimum: 0  
 Type: Discrete Decimal: 0 Width: 2 Range: 0 - Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
0		1	100%
1	One minute or less	0	0%
Sysmiss		622	

### C9A: In Last FY, Losses As % of Annual Sales Due To Power Outages

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 1 Invalid: 622 Minimum: 0  
 Type: Discrete Decimal: 0 Width: 2 Range: 0 - Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
0	None	1	100%
Sysmiss		622	

### C9B: In Last FY, Value of Losses Due To Power Outages

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: Invalid: 623 Maximum: \*  
 Type: Discrete Decimal: 0 Width: 2 Range: - \* Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category
-9	Don't know (spontaneous)
0	None
Sysmiss	

## C10: Generator Shared or Owned Over The Course of Last Fiscal Year?

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 623 Invalid: Minimum: -9 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	0.2%
1	Yes	6	1%
2	No	616	98.9%

## C11: % Electricity From Generator Owned/Shared By The Establishment In Last FY

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 6 Invalid: 617 Minimum: 0 Maximum: 60  
 Type: Discrete Decimal: 0 Width: 2 Range: 0 - 60 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
0		1	16.7%
10		2	33.3%
20		1	16.7%
50		1	16.7%
60		1	16.7%

Sysmiss		617	
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## C12: Application To Obtain A Water Connection Submitted Over The Last 2 Years

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 623 Invalid: Minimum: 1 Maximum: 2  
Type: Discrete Decimal: 0 Width: 2 Range: 1 - 2 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Yes	16	2.6%
2	No	607	97.4%

## C13: How Many Days Did It Take For You To Obtain A Water Connection?

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 16 Invalid: 607 Minimum: 1 Maximum: 15  
Type: Discrete Decimal: 0 Width: 2 Range: 1 - 15 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
-6	Still in process	0	0%
-5	Application denied	0	0%
1	One day or less	10	62.5%
7		2	12.5%
14		3	18.8%
15		1	6.3%
Sysmiss		607	

## C14: When You Applied For A Water Connection, Was An Informal Gift/Payment Requested?

Data file: Singapore-2023-full-data.dta

## Overview

Valid: 16 Invalid: 607 Minimum: 2 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: 2 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
-8	Refusal (spontaneous)	0	0%
1	Yes	0	0%
2	No	16	100%
Sysmiss		607	

### C33: Cost to obtain water connection

Data file: Singapore-2023-full-data.dta

## Overview

Valid: 16 Invalid: 607 Minimum: -9 Maximum: 2000  
 Type: Discrete Decimal: 0 Width: 4 Range: -9 - 2000 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	4	25%
12		1	6.3%
50		1	6.3%
150		2	12.5%
200		1	6.3%
300		3	18.8%
600		1	6.3%
1000		1	6.3%
1500		1	6.3%
2000		1	6.3%
Sysmiss		607	

### C34: Water consumption in a typical month

Data file: Singapore-2023-full-data.dta

## Overview

Valid: 623 Invalid: Minimum: -9 Maximum: 50000  
 Type: Discrete Decimal: 0 Width: 5 Range: -9 - 50000 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	68	100%

## C34B: Unit measure of answer to c34

Data file: Singapore-2023-full-data.dta

## Overview

Valid: 555 Invalid: 68 Minimum: 1 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Cubic meters	546	98.4%
2	Gallons	9	1.6%
3	Cubic feet	0	0%
4	Other	0	0%
Sysmiss		68	

## C34BX: Other (Specify)

Data file: Singapore-2023-full-data.dta

## Overview

Valid: 623 Invalid:  
 Type: Discrete Width: 1 Range: - Format: character

## C152: Did You Experience Insufficient Water Supply In Last FY?

Data file: Singapore-2023-full-data.dta

## Overview

Valid: 623 Invalid: Minimum: 2 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: 2 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Yes	0	0%
2	No	623	100%

### C162: Frequency of Incidents of Water Shortages In A Typical Month In Last FY

Data file: Singapore-2023-full-data.dta

#### Overview

Valid:   Invalid: 623   Maximum: \*  
Type: Discrete   Decimal: 0   Width: 2   Range: - \*   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category
-9	Don't know (spontaneous)
Sysmiss	

### C172: Average Length of Water Shortages In Last Fiscal Year

Data file: Singapore-2023-full-data.dta

#### Overview

Valid:   Invalid: 623   Maximum: \*  
Type: Discrete   Decimal: 0   Width: 2   Range: - \*   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category
-9	Don't know (spontaneous)
1	One hour or less
Sysmiss	

### C35A: In Last FY, Losses As % of Annual Sales Due To Water Shortages

Data file: Singapore-2023-full-data.dta

## Overview

Valid: Invalid: 623 Maximum: \*  
 Type: Discrete Decimal: 0 Width: 2 Range: - \* Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category
-9	Don't know (spontaneous)
0	None
Sysmiss	

## C35B: In Last FY, Value of Losses Due To Water Shortages

Data file: Singapore-2023-full-data.dta

## Overview

Valid: Invalid: 623 Maximum: \*  
 Type: Discrete Decimal: 0 Width: 2 Range: - \* Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category
-9	Don't know (spontaneous)
0	None
Sysmiss	

## C22B: Establishment Has Its Own Website

Data file: Singapore-2023-full-data.dta

## Overview

Valid: 623 Invalid: Minimum: 1 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Yes	412	66.1%
2	No	211	33.9%

**C36: Application To Obtain Fixed Broadband Internet Connection Over The Last 2 Years**

Data file: Singapore-2023-full-data.dta

**Overview**

Valid: 623 Invalid: Minimum: 1 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Yes	58	9.3%
2	No	565	90.7%

**C37: How Many Days Did It Take For You To Obtain Internet Connection?**

Data file: Singapore-2023-full-data.dta

**Overview**

Valid: 58 Invalid: 565 Minimum: -6 Maximum: 90  
 Type: Discrete Decimal: 0 Width: 2 Range: -6 - 90 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
-6	Still in process	1	1.7%
-5	Application denied	0	0%
1	One day or less	25	43.1%
2		1	1.7%
3		4	6.9%
4		4	6.9%
5		4	6.9%
6		1	1.7%
7		11	19%
10		1	1.7%
14		1	1.7%
15		1	1.7%

21		1	1.7%
30		2	3.4%
90		1	1.7%
Sysmiss		565	

### C38: Cost to obtain Internet connection

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 58 Invalid: 565 Minimum: -9 Maximum: 3000  
 Type: Discrete Decimal: 0 Width: 4 Range: -9 - 3000 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	1.7%
50		2	3.4%
55		1	1.7%
90		3	5.2%
99		1	1.7%
100		7	12.1%
110		2	3.4%
120		3	5.2%
130		1	1.7%
150		6	10.3%
200		13	22.4%
250		3	5.2%
300		3	5.2%
350		1	1.7%
400		1	1.7%
500		3	5.2%
600		1	1.7%
700		1	1.7%
800		2	3.4%
2000		2	3.4%
3000		1	1.7%
Sysmiss		565	

**C39: Did You Experience Internet Disruptions In Last FY?****Data file: Singapore-2023-full-data.dta****Overview**

Valid: 623 Invalid: Minimum: -7 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: -7 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
-7	The establishment does not have an internet connection	7	1.1%
1	Yes	14	2.2%
2	No	602	96.6%

**C40A: Average Length of Internet Disruptions: Hours****Data file: Singapore-2023-full-data.dta****Overview**

Valid: 14 Invalid: 609 Minimum: 0 Maximum: 5  
 Type: Discrete Decimal: 0 Width: 2 Range: 0 - 5 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
0	Less than 1 hour	4	28.6%
1		5	35.7%
2		2	14.3%
3		1	7.1%
5		2	14.3%
Sysmiss		609	

**C40B: Average Length of Internet Disruptions: Minutes****Data file: Singapore-2023-full-data.dta****Overview**

Valid: 4 Invalid: 619 Minimum: 0 Maximum: 50  
 Type: Discrete Decimal: 0 Width: 2 Range: 0 - 50 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
0		1	25%
20		1	25%
45		1	25%
50		1	25%
Sysmiss		619	

### C41A: In Last FY, Losses As % of Annual Sales Due To Internet Disruptions

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 13 Invalid: 610 Minimum: -9 Maximum: 8  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 8 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	3	23.1%
0	None	7	53.8%
1		1	7.7%
3		1	7.7%
8		1	7.7%
Sysmiss		610	

### C41B: In Last FY, Value of Losses Due To Internet Disruptions

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 1 Invalid: 622 Minimum: 2000 Maximum: 2000  
 Type: Discrete Decimal: 0 Width: 4 Range: 2000 - 2000 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
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-9	Don't know (spontaneous)	0	0%
0	None	0	0%
2000		1	100%
Sysmiss		622	

## C42: How difficult to switch internet providers?

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 623 Invalid: Minimum: -9 Maximum: 4  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 4 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	0.2%
-7	There is only one available internet provider	2	0.3%
1	Unable to change provider	14	2.2%
2	With some difficulty	32	5.1%
3	With little difficulty	54	8.7%
4	With no difficulty at all	520	83.5%

## C30A: How Much of An Obstacle: Electricity To Operations of This Establishment?

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 623 Invalid: Minimum: 0 Maximum: 4  
 Type: Discrete Decimal: 0 Width: 2 Range: 0 - 4 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
-7	Does not apply	0	0%
0	No obstacle	487	78.2%
1	Minor obstacle	88	14.1%
2	Moderate obstacle	23	3.7%
3	Major obstacle	15	2.4%

4	Very severe obstacle	10	1.6%
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### D1A1A: Establishment'S Main Product/Service Last FY

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 623 Invalid: Minimum: 1 Maximum: 52  
Type: Discrete Decimal: 0 Width: 2 Range: 1 - 52 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1	Manufacturing of	122	19.6%
2	Retail trade of	46	7.4%
3	Wholesale trade of	101	16.2%
4	Construction of	128	20.5%
6	Provide services of	160	25.7%
51	Hotel	0	0%
52	Restaurant	66	10.6%

### D1A6A: Total number of hotel rooms in the last FY

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: Invalid: 623 Maximum: \*  
Type: Discrete Decimal: 0 Width: 2 Range: - \* Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category
-9	Don't know (spontaneous)
Sysmiss	

### D1A6B: Total areas of rooms in the last FY

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: Invalid: 623 Maximum: \*

Type: Discrete    Decimal: 0    Width: 2    Range: - \*    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category
-9	Don't know (spontaneous)
Sysmiss	

### D1A6C: Specify units

Data file: Singapore-2023-full-data.dta

#### Overview

Valid:    Invalid: 623    Maximum: \*

Type: Discrete    Decimal: 0    Width: 1    Range: - \*    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category
1	Square Feet
2	Square Yards
3	Square Meters
4	Other (Specify)
Sysmiss	

### D1A6CX: Other (Specify)

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 623    Invalid:

Type: Discrete    Width: 1    Range: -    Format: character

### D3B: % of Sales: Indirect Exports

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 623    Invalid:    Minimum: 0    Maximum: 100

Type: Discrete    Decimal: 0    Width: 3    Range: 0 - 100    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
0		575	92.3%
2		2	0.3%
5		2	0.3%
10		8	1.3%
15		1	0.2%
20		9	1.4%
25		1	0.2%
30		8	1.3%
33		1	0.2%
35		1	0.2%
40		2	0.3%
50		7	1.1%
60		1	0.2%
70		1	0.2%
80		1	0.2%
90		1	0.2%
100		2	0.3%

### D3C: % of Sales: Direct Exports

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 623 Invalid: Minimum: 0 Maximum: 100  
 Type: Discrete Decimal: 0 Width: 3 Range: 0 - 100 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
0		538	86.4%
1		3	0.5%
2		1	0.2%
5		5	0.8%

10		9	1.4%
15		1	0.2%
20		21	3.4%
25		3	0.5%
28		1	0.2%
30		16	2.6%
40		3	0.5%
50		4	0.6%
60		3	0.5%
70		4	0.6%
80		5	0.8%
90		2	0.3%
100		4	0.6%

### D1A3: Main Product/Service: Percent of Total Annual Sales

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 623 Invalid: Minimum: 10 Maximum: 100

Type: Discrete Decimal: 0 Width: 3 Range: 10 - 100 Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
10		1	0.2%
50		4	0.6%
51		2	0.3%
60		13	2.1%
70		10	1.6%
75		3	0.5%
80		12	1.9%
85		1	0.2%
90		13	2.1%
95		4	0.6%
100		560	89.9%

**D2: In Last Fiscal Year, What Were This Establishment's Total Annual Sales?****Data file:** Singapore-2023-full-data.dta**Overview**

Valid: 623 Invalid: Minimum: 30000 Maximum: 380000000  
 Type: Discrete Decimal: 0 Width: 9 Range: 30000 - 380000000 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
-9	Don't know (spontaneous)

**D2X: Please Also Write Out The Number****Data file:** Singapore-2023-full-data.dta**Overview**

Valid: 623 Invalid:  
 Type: Continuous Width: 78 Range: - Format: character

**D2A1: What were the establishment's sales 2 years ago?****Data file:** Singapore-2023-full-data.dta**Overview**

Valid: 122 Invalid: 501 Minimum: 30000 Maximum: 50000000  
 Type: Discrete Decimal: 0 Width: 8 Range: 30000 - 50000000 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
-7	Establishment was not in business	0	0%
30000		1	0.8%
70000		1	0.8%
80000		1	0.8%
100000		2	1.6%
150000		1	0.8%
200000		4	3.3%
225000		1	0.8%
240000		1	0.8%

250000		4	3.3%
280000		1	0.8%
300000		2	1.6%
400000		3	2.5%
420000		1	0.8%
450000		2	1.6%
480000		1	0.8%
500000		7	5.7%
576000		1	0.8%
590000		1	0.8%
600000		2	1.6%
650000		1	0.8%
700000		1	0.8%
702000		1	0.8%
750000		1	0.8%
800000		8	6.6%
900000		2	1.6%
1000000		9	7.4%
1200000		3	2.5%
1300000		2	1.6%
1480000		1	0.8%
1500000		6	4.9%
1600000		1	0.8%
1800000		4	3.3%
2000000		4	3.3%
2100000		2	1.6%
2300000		1	0.8%
2400000		1	0.8%
2500000		2	1.6%
2700000		1	0.8%
2800000		2	1.6%
3000000		6	4.9%
3300000		1	0.8%
3400000		1	0.8%
3500000		1	0.8%
3600000		1	0.8%
4000000		2	1.6%
4500000		1	0.8%
5000000		2	1.6%

6000000		1	0.8%
7000000		1	0.8%
8000000		2	1.6%
9000000		4	3.3%
10000000		3	2.5%
12000000		1	0.8%
15000000		1	0.8%
18000000		1	0.8%
20000000		1	0.8%
25000000		1	0.8%
50000000		1	0.8%
Sysmiss		501	

### D2A1X: Please Also Write Out The Number

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 623 Invalid:  
Type: Continuous Width: 44 Range: - Format: character

### N3: What were the establishment's sales 3 years ago?

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 623 Invalid: Minimum: -9 Maximum: 250000000  
Type: Discrete Decimal: 0 Width: 9 Range: -9 - 250000000 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	3	7.7%
-7	Establishment was not in business in Fiscal Year	36	92.3%

### N3X: Please Also Write Out The Number

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 623 Invalid:  
Type: Continuous Width: 73 Range: - Format: character

**D3A: % of Sales: National Sales**

Data file: Singapore-2023-full-data.dta

**Overview**

Valid: 623 Invalid: Minimum: 0 Maximum: 100  
 Type: Discrete Decimal: 0 Width: 3 Range: 0 - 100 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
0		6	1%
10		6	1%
20		8	1.3%
30		4	0.6%
40		3	0.5%
45		1	0.2%
50		12	1.9%
55		1	0.2%
60		8	1.3%
67		1	0.2%
70		19	3%
72		1	0.2%
75		2	0.3%
80		18	2.9%
85		2	0.3%
90		9	1.4%
95		4	0.6%
98		3	0.5%
99		3	0.5%
100		512	82.2%

**D31X: Main destination of exports (country code)**

Data file: Singapore-2023-full-data.dta

**Overview**

Valid: 623 Invalid:  
 Type: Discrete Width: 24 Range: - Format: character

**D32: Main point of exit**

Data file: Singapore-2023-full-data.dta

**Overview**

Valid: 42 Invalid: 581 Minimum: 1 Maximum: 3  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 3 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Airport	14	33.3%
2	Land border crossing	9	21.4%
3	Seaport	19	45.2%
Sysmiss		581	

**D4A: In Last FY, Avg. Num. of Days For Exported Goods To Clear Customs?**

Data file: Singapore-2023-full-data.dta

**Overview**

Valid: 42 Invalid: 581 Minimum: -7 Maximum: 14  
 Type: Discrete Decimal: 0 Width: 2 Range: -7 - 14 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
-7	Does not apply (spontaneous)	1	2.4%
0	Less than one day	5	11.9%
1		6	14.3%
2		4	9.5%
3		11	26.2%
4		2	4.8%
5		5	11.9%
7		3	7.1%
14		5	11.9%
Sysmiss		581	

**D4B: If less than a day, total hours for exported goods to clear customs**

Data file: Singapore-2023-full-data.dta

**Overview**

Valid: 5 Invalid: 618 Minimum: 10 Maximum: 23  
 Type: Discrete Decimal: 0 Width: 2 Range: 10 - 23 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
10		1	20%
12		3	60%
23		1	20%
Sysmiss		618	

**D33A: In Last FY, Avg. Num. of Days For Exported Goods To Clear all border control age**

Data file: Singapore-2023-full-data.dta

**Overview**

Valid: 41 Invalid: 582 Minimum: 0 Maximum: 25  
 Type: Discrete Decimal: 0 Width: 2 Range: 0 - 25 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
0	Less than one day	5	12.2%
1		1	2.4%
2		5	12.2%
3		8	19.5%
4		4	9.8%
5		5	12.2%
6		1	2.4%
7		4	9.8%
9		1	2.4%
10		2	4.9%

14		1	2.4%
17		1	2.4%
18		1	2.4%
21		1	2.4%
25		1	2.4%
Sysmiss		582	

### D33B: If less than a day, total hours for exported goods to clear all border control a

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 5 Invalid: 618 Minimum: 10 Maximum: 23  
 Type: Discrete Decimal: 0 Width: 2 Range: 10 - 23 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
10		2	40%
12		2	40%
23		1	20%
Sysmiss		618	

### D34: FCA costs to comply with all export requirements (% of value of goods exported)

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 42 Invalid: 581 Minimum: -9 Maximum: 10  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 10 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	14	33.3%
3		1	2.4%
4		1	2.4%
5		9	21.4%
6		2	4.8%

7		3	7.1%
8		6	14.3%
10		6	14.3%
Sysmiss		581	

### D35: Any exports shipped by main parcel?

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 42 Invalid: 581 Minimum: 1 Maximum: 2  
Type: Discrete Decimal: 0 Width: 2 Range: 1 - 2 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Yes	15	35.7%
2	No	27	64.3%
Sysmiss		581	

### D36A: In Last FY, Avg. Num. of Days For Exported Goods To Clear all border control age

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 15 Invalid: 608 Minimum: 0 Maximum: 20  
Type: Discrete Decimal: 0 Width: 2 Range: 0 - 20 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
0	Less than one day	1	6.7%
1		1	6.7%
2		2	13.3%
3		5	33.3%
5		1	6.7%
7		3	20%
10		1	6.7%

20		1	6.7%
Sysmiss		608	

### D36B: If less than a day, total hours for exported goods to clear all border control a

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 1 Invalid: 622 Minimum: 12 Maximum: 12  
 Type: Discrete Decimal: 0 Width: 2 Range: 12 - 12 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
12		1	100%
Sysmiss		622	

### D37: Average cost of digital exports (% of value of goods)

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 15 Invalid: 608 Minimum: -9 Maximum: 10  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 10 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	7	46.7%
2		1	6.7%
5		2	13.3%
7		1	6.7%
8		3	20%
10		1	6.7%
Sysmiss		608	

### D8: In What Year Did This Establishment First Export Directly or Indirectly?

Data file: Singapore-2023-full-data.dta

## Overview

Valid: 111 Invalid: 512 Minimum: -9 Maximum: 2022  
 Type: Discrete Decimal: 0 Width: 4 Range: -9 - 2022 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	3	2.7%
1972		1	0.9%
1974		1	0.9%
1979		3	2.7%
1980		1	0.9%
1983		1	0.9%
1984		1	0.9%
1986		2	1.8%
1990		1	0.9%
1992		2	1.8%
1994		1	0.9%
1995		3	2.7%
1996		2	1.8%
1997		5	4.5%
1998		1	0.9%
1999		3	2.7%
2000		10	9%
2001		1	0.9%
2004		1	0.9%
2005		4	3.6%
2006		2	1.8%
2007		4	3.6%
2008		1	0.9%
2010		9	8.1%
2011		2	1.8%
2012		3	2.7%
2013		3	2.7%
2014		1	0.9%
2015		9	8.1%
2016		2	1.8%
2017		4	3.6%
2018		6	5.4%

2019		6	5.4%
2020		4	3.6%
2021		5	4.5%
2022		3	2.7%
Sysmiss		512	

## D12A: % of Material Inputs And Supplies of Domestic origin In Last Fiscal Year

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 623 Invalid: Minimum: -9 Maximum: 100

Type: Discrete Decimal: 0 Width: 3 Range: -9 - 100 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	0.2%
0		176	28.3%
2		2	0.3%
5		2	0.3%
10		26	4.2%
15		4	0.6%
16		1	0.2%
20		29	4.7%
25		2	0.3%
30		23	3.7%
40		8	1.3%
50		36	5.8%
60		21	3.4%
70		19	3%
75		6	1%
80		35	5.6%
85		2	0.3%
90		16	2.6%
94		1	0.2%
95		2	0.3%
100		211	33.9%

**D12B: % of Material Inputs And Supplies of Foreign origin In Last Fiscal Year****Data file: Singapore-2023-full-data.dta****Overview**

Valid: 623 Invalid: Minimum: -9 Maximum: 100  
 Type: Discrete Decimal: 0 Width: 3 Range: -9 - 100 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	0.2%
0		211	33.9%
5		2	0.3%
6		1	0.2%
10		16	2.6%
15		2	0.3%
20		35	5.6%
25		6	1%
30		19	3%
40		21	3.4%
50		36	5.8%
60		8	1.3%
70		23	3.7%
75		2	0.3%
80		29	4.7%
84		1	0.2%
85		4	0.6%
90		26	4.2%
95		2	0.3%
98		2	0.3%
100		176	28.3%

**D13: Were Any of These Material Inputs And Supplies Imported Directly?****Data file: Singapore-2023-full-data.dta****Overview**

Valid: 411 Invalid: 212 Minimum: -9 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	2	0.5%
1	Yes	109	26.5%
2	No	300	73%
Sysmiss		212	

### D38X: Main origin of imports (country code)

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 623 Invalid:  
Type: Discrete Width: 25 Range: - Format: character

### D39: Main point of entry

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 109 Invalid: 514 Minimum: 1 Maximum: 3  
Type: Discrete Decimal: 0 Width: 2 Range: 1 - 3 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Airport	29	26.6%
2	Land border crossing	18	16.5%
3	Seaport	62	56.9%
Sysmiss		514	

### D14A: Avg. Num. of Days For Imported Goods To Clear Customs In Last Fiscal Year

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 109 Invalid: 514 Minimum: 0 Maximum: 70  
Type: Discrete Decimal: 0 Width: 2 Range: 0 - 70 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
-7	Does not apply (spontaneous)	0	0%
0	Less than one day	12	11%
1		19	17.4%
2		15	13.8%
3		30	27.5%
4		4	3.7%
5		6	5.5%
6		1	0.9%
7		11	10.1%
14		5	4.6%
30		4	3.7%
40		1	0.9%
70		1	0.9%
Sysmiss		514	

### D14B: If less than a day, total hours for imported goods to clear customs

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 12 Invalid: 611 Minimum: 2 Maximum: 14  
 Type: Discrete Decimal: 0 Width: 2 Range: 2 - 14 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
2		1	8.3%
3		1	8.3%
5		2	16.7%
6		2	16.7%
12		5	41.7%
14		1	8.3%
Sysmiss		611	

**D40A: In Last FY, Avg. Num. of Days For Imported Goods To Clear all border control age**

Data file: Singapore-2023-full-data.dta

**Overview**

Valid: 109 Invalid: 514 Minimum: 0 Maximum: 80  
 Type: Discrete Decimal: 0 Width: 2 Range: 0 - 80 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
0	Less than one day	5	4.6%
1		7	6.4%
2		17	15.6%
3		33	30.3%
4		6	5.5%
5		4	3.7%
6		2	1.8%
7		17	15.6%
14		7	6.4%
16		1	0.9%
17		2	1.8%
21		1	0.9%
25		1	0.9%
30		2	1.8%
33		1	0.9%
40		1	0.9%
42		1	0.9%
80		1	0.9%
Sysmiss		514	

**D40B: If less than a day, total hours for imported goods to clear all border control a**

Data file: Singapore-2023-full-data.dta

**Overview**

Valid: 5 Invalid: 618 Minimum: 7 Maximum: 14  
 Type: Discrete Decimal: 0 Width: 2 Range: 7 - 14 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
7		1	20%
12		3	60%
14		1	20%
Sysmiss		618	

### D41: DAP costs to comply with all import requirements (% of value of goods imported)

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 109 Invalid: 514 Minimum: -9 Maximum: 13  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 13 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	3	2.8%
7		20	18.3%
8		46	42.2%
9		25	22.9%
10		10	9.2%
12		4	3.7%
13		1	0.9%
Sysmiss		514	

### D30A: How Much of An Obstacle: Transport?

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 623 Invalid: Minimum: -7 Maximum: 4  
 Type: Discrete Decimal: 0 Width: 2 Range: -7 - 4 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
-7	Does not apply	2	0.3%
0	No obstacle	378	60.7%
1	Minor obstacle	145	23.3%
2	Moderate obstacle	62	10%
3	Major obstacle	27	4.3%
4	Very severe obstacle	9	1.4%

### D30B: How Much of An Obstacle: Customs And Trade Regulations?

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 623 Invalid: Minimum: -7 Maximum: 4  
Type: Discrete Decimal: 0 Width: 2 Range: -7 - 4 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
-7	Does not apply	22	3.5%
0	No obstacle	424	68.1%
1	Minor obstacle	112	18%
2	Moderate obstacle	50	8%
3	Major obstacle	13	2.1%
4	Very severe obstacle	2	0.3%

### O1: In the last three years, establishment had any commercial dispute?

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 623 Invalid: Minimum: -9 Maximum: 2  
Type: Discrete Decimal: 0 Width: 2 Range: -9 - 2 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	0.2%

1	Yes	15	2.4%
2	No	607	97.4%

## O2: Use of courts, arbitration etc. to (or attempt to ) resolve commercial dispute?

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 15 Invalid: 608 Minimum: 1 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 2 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Yes	11	73.3%
2	No	4	26.7%
Sysmiss		608	

## O3A: Reliable alternative to courts for resolving commercial disputes: Arbitration?

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 623 Invalid: Minimum: -9 Maximum: 4  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 4 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	0.2%
-7	Does not apply (spontaneous)	5	0.8%
1	Strongly disagree	8	1.3%
2	Tend to disagree	38	6.1%
3	Tend to agree	455	73%
4	Strongly agree	116	18.6%

## O3B: Reliable alternative to courts for resolving commercial disputes:Mediation etc.?

Data file: Singapore-2023-full-data.dta

## Overview

Valid: 623 Invalid: Minimum: -9 Maximum: 4  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 4 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	0.2%
-7	Does not apply (spontaneous)	5	0.8%
1	Strongly disagree	15	2.4%
2	Tend to disagree	39	6.3%
3	Tend to agree	412	66.1%
4	Strongly agree	151	24.2%

## R1: What Happened When Problem In The Production Process/Services Provision Arose?

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 343 Invalid: 280 Minimum: -7 Maximum: 4  
 Type: Discrete Decimal: 0 Width: 2 Range: -7 - 4 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
-7	Does not apply (spontaneous)	4	1.2%
1	We fixed it but did not take further action	15	4.4%
2	We fixed it and took action to make sure it did not happen again	115	33.5%
3	We fixed it and took action to make sure that it did not happen again, and had a continuous improvement process to anticipate problems like these in advance	202	58.9%
4	No action was taken	7	2%
Sysmiss		280	

## R2: Did This Establishment Monitor Any Production/Service Performance Indicators?

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 343 Invalid: 280 Minimum: 1 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Yes	207	60.3%
2	No	136	39.7%
Sysmiss		280	

### R3: How Many Production/Service Provision Performance Indicators Were Monitored?

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 207 Invalid: 416 Minimum: 1 Maximum: 3  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 3 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	1-2 production performance indicators	96	46.4%
2	3-9 production performance indicators	97	46.9%
3	10 or more production performance indicators	14	6.8%
Sysmiss		416	

### R4: Did This Establishment Have Production/Service Provision Targets?

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 343 Invalid: 280 Minimum: -9 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	0.3%
1	Yes	190	55.4%
2	No	152	44.3%

Sysmiss		280	
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## R5: What Best Describes The Time Frame of Production/Service Provision Targets?

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 190 Invalid: 433 Minimum: 1 Maximum: 3  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 3 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Main focus was on short-term (less than one year) production targets	17	8.9%
2	Main focus was on long-term (one year or more) production targets	68	35.8%
3	Combination of short term and long term production targets	105	55.3%
Sysmiss		433	

## R6: How Easy To Achieve Its Production/Service Provision Targets?

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 190 Invalid: 433 Minimum: 1 Maximum: 5  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 5 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Possible to achieve without much effort	4	2.1%
2	Possible to achieve with some effort	37	19.5%
3	Possible to achieve with normal amount of effort	115	60.5%
4	Possible to achieve with more than normal effort	27	14.2%
5	Only possible to achieve with extraordinary effort	7	3.7%
6	Targets were not achieved	0	0%
Sysmiss		433	

**R7: Who Was Aware of The Production/Service Provision Targets At This Establishment?****Data file:** Singapore-2023-full-data.dta**Overview**

Valid: 190 Invalid: 433 Minimum: 1 Maximum: 4  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 4 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Only senior managers	15	7.9%
2	Most managers and some production workers	58	30.5%
3	Most managers and most production workers	42	22.1%
4	All managers and most production workers	75	39.5%
Sysmiss		433	

**R8: Was There Performance Bonuses Based On Production/Service Provision Targets?****Data file:** Singapore-2023-full-data.dta**Overview**

Valid: 343 Invalid: 280 Minimum: -9 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	0.3%
1	Yes	232	67.6%
2	No	110	32.1%
Sysmiss		280	

**R9: What Were Managers' Performance Bonuses Usually Based On?****Data file:** Singapore-2023-full-data.dta**Overview**

Valid: 232 Invalid: 391 Minimum: 1 Maximum: 4  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 4 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Their own performance	46	19.8%
2	Their team's or shift performance	31	13.4%
3	The establishment's performance	140	60.3%
4	The firm's performance	15	6.5%
Sysmiss		391	

## R10: What Was The Primary Way Non-Managers Were Promoted?

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 343 Invalid: 280 Minimum: -7 Maximum: 4  
 Type: Discrete Decimal: 0 Width: 2 Range: -7 - 4 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
-7	Does not apply (spontaneous)	2	0.6%
1	Promotions were based solely on performance and ability	297	86.6%
2	Promotions were based partly on performance and ability, and partly on other factors (for example, tenure or family connections)	19	5.5%
3	Promotions were based mainly on factors other than performance and ability (for example, tenure or family connections)	8	2.3%
4	Non-managers are normally not promoted	17	5%
Sysmiss		280	

## R11: When Was An Under-Performing Non-Manager Reassigned or Dismissed?

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 343 Invalid: 280 Minimum: -7 Maximum: 3  
 Type: Discrete Decimal: 0 Width: 2 Range: -7 - 3 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
-7	Does not apply (spontaneous)	6	1.7%
1	Within 6 months of identifying non-manager under-performance	150	43.7%
2	After 6 months of identifying non-manager under-performance	36	10.5%
3	Rarely or never	151	44%
Sysmiss		280	

## E1: In Last FY, Main Market For Establishment'S Main Product

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 623 Invalid: Minimum: 1 Maximum: 3  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 3 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Local " main product sold mostly in same municipality where establishment is located	242	38.8%
2	National " main product sold mostly across the country where establishment is located	347	55.7%
3	International	34	5.5%

## E2B: Competitors For The Main Product/Service In The Main Market

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 623 Invalid: Minimum: -9 Maximum: 300  
 Type: Discrete Decimal: 0 Width: 3 Range: -9 - 300 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	0.2%
-4	Too many to count	548	88%

0		4	0.6%
1		6	1%
3		11	1.8%
4		1	0.2%
5		12	1.9%
6		4	0.6%
7		1	0.2%
8		5	0.8%
9		1	0.2%
10		11	1.8%
11		1	0.2%
12		1	0.2%
15		3	0.5%
20		7	1.1%
30		1	0.2%
50		3	0.5%
150		1	0.2%
300		1	0.2%

### E31A: Market share of largest competitor in the last fiscal year

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 285 Invalid: 338 Minimum: -9 Maximum: 3  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 3 Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	29	10.2%
1	Above 90%	3	1.1%
2	Between 50% and 90%	46	16.1%
3	Below 50%	207	72.6%
Sysmiss		338	

### E31B: Market share of largest competitor in the last fiscal year

Data file: Singapore-2023-full-data.dta

## Overview

Valid: 304 Invalid: 319 Minimum: -9 Maximum: 100  
 Type: Discrete Decimal: 0 Width: 3 Range: -9 - 100 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	129	42.4%
0		2	0.7%
2		2	0.7%
3		3	1%
5		42	13.8%
8		7	2.3%
10		27	8.9%
11		1	0.3%
15		9	3%
19		1	0.3%
20		14	4.6%
25		4	1.3%
28		2	0.7%
30		14	4.6%
35		4	1.3%
40		5	1.6%
50		14	4.6%
60		9	3%
70		6	2%
75		1	0.3%
80		3	1%
90		1	0.3%
100		4	1.3%
Sysmiss		319	

## E6: Do You Use Technology Licensed From A Foreign-Owned Company?

Data file: Singapore-2023-full-data.dta

## Overview

Valid: 623 Invalid: Minimum: -9 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	2	0.3%
1	Yes	93	14.9%
2	No	528	84.8%

## E11: Does This Establishment Compete Against Unregistered or Informal Firms?

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 623 Invalid: Minimum: -9 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	2	0.3%
1	Yes	80	12.8%
2	No	541	86.8%

## E32: Change in competition in the last year?

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 623 Invalid: Minimum: 1 Maximum: 3  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 3 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Yes, there is more competition	359	57.6%
2	Yes, there is less competition	30	4.8%
3	No change	234	37.6%

**E33: Establishment can increase prices more than competitors without losing customers****Data file: Singapore-2023-full-data.dta****Overview**

Valid: 623 Invalid: Minimum: -9 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	0.2%
-7	Prices are regulated	66	10.6%
-6	Prices set by HQ	5	0.8%
1	Yes	93	14.9%
2	No	458	73.5%

**E34: SOEs operating in the establishment's main market?****Data file: Singapore-2023-full-data.dta****Overview**

Valid: 623 Invalid: Minimum: -9 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	0.2%
1	Yes	69	11.1%
2	No	553	88.8%

**E35: How SOE affects ability to grow and expand?****Data file: Singapore-2023-full-data.dta****Overview**

Valid: 69 Invalid: 554 Minimum: 1 Maximum: 3  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 3 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
-7	No state-owned enterprise	0	0%
1	Positively	34	49.3%
2	Not at all	19	27.5%
3	Negatively	16	23.2%
Sysmiss		554	

### E30: How Much of An Obstacle: Practices of Competitors In Informal Sector?

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 623 Invalid: Minimum: -9 Maximum: 4  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 4 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	2	0.3%
-7	Does not apply	5	0.8%
0	No obstacle	452	72.6%
1	Minor obstacle	92	14.8%
2	Moderate obstacle	52	8.3%
3	Major obstacle	10	1.6%
4	Very severe obstacle	10	1.6%

### H1: New Products/Services Introduced Over Last 3 Yrs

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 623 Invalid: Minimum: 1 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 2 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Yes	116	18.6%

2	No	507	81.4%
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## H2: New Products/Services Also New For Thr Establishment'S Main Market

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 116 Invalid: 507 Minimum: 1 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 2 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Yes	60	51.7%
2	No	56	48.3%
Sysmiss		507	

## H3X: Describe In Detail The Main New or Significantly Improved Product or Service

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 623 Invalid:  
 Type: Continuous Width: 244 Range: - Format: character

## H4X: Describe How The Main New/Significantly Improved Product or Service Is Different

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 623 Invalid:  
 Type: Continuous Width: 244 Range: - Format: character

## H5: During Last 3 Yrs, Establishment Introduced New/Significantly Improved Process

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 623 Invalid: Minimum: -9 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	4	0.6%
1	Yes	102	16.4%
2	No	517	83%

### H6X: Describe Main New/Significantly Improved Process This Establishment Introduced

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 623 Invalid:  
Type: Continuous Width: 244 Range: - Format: character

### H7X: How The Main New/Significantly Improved Process Is Different

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 623 Invalid:  
Type: Continuous Width: 244 Range: - Format: character

### H8: During Last Fiscal Year, Establishment Spent On R&D (Excl Market Research)?

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 623 Invalid: Minimum: 1 Maximum: 2  
Type: Discrete Decimal: 0 Width: 2 Range: 1 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Yes	47	7.5%
2	No	576	92.5%

### H9: How Much Spent On R&D, Either In-House or External?

Data file: Singapore-2023-full-data.dta

## Overview

Valid: 47 Invalid: 576 Minimum: -9 Maximum: 50000000  
 Type: Discrete Decimal: 0 Width: 8 Range: -9 - 50000000 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	3	6.4%
500		1	2.1%
1000		2	4.3%
2000		1	2.1%
5000		3	6.4%
7000		1	2.1%
8000		2	4.3%
10000		6	12.8%
12000		1	2.1%
15000		1	2.1%
20000		5	10.6%
30000		2	4.3%
35000		3	6.4%
40000		2	4.3%
50000		2	4.3%
75000		1	2.1%
100000		5	10.6%
200000		1	2.1%
230000		1	2.1%
400000		1	2.1%
1000000		1	2.1%
3000000		1	2.1%
50000000		1	2.1%
Sysmiss		576	

### F1: In Last FY, What Was The Capacity Utilization (%) of This Establishment?

Data file: Singapore-2023-full-data.dta

## Overview

Valid: 122 Invalid: 501 Minimum: -9 Maximum: 100  
 Type: Discrete Decimal: 0 Width: 3 Range: -9 - 100 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	2	1.6%
5		1	0.8%
10		1	0.8%
20		1	0.8%
30		1	0.8%
40		5	4.1%
45		1	0.8%
50		10	8.2%
55		1	0.8%
60		10	8.2%
65		2	1.6%
70		20	16.4%
75		2	1.6%
80		33	27%
85		1	0.8%
90		5	4.1%
100		26	21.3%
Sysmiss		501	

## G2: Applic. To Obtain A Construction-Related Permit Submitted Over The Last 2 Years

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 623 Invalid: Minimum: 1 Maximum: 2

Type: Discrete Decimal: 0 Width: 2 Range: 1 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Yes	74	11.9%
2	No	549	88.1%

**G3: How Many Days Did It Take For You To Obtain A Construction-Related Permit?**

Data file: Singapore-2023-full-data.dta

**Overview**

Valid: 74 Invalid: 549 Minimum: -6 Maximum: 60  
 Type: Discrete Decimal: 0 Width: 2 Range: -6 - 60 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
-6	Still in process	3	4.1%
-5	Application denied	0	0%
1	One day or less	7	9.5%
3		6	8.1%
4		1	1.4%
5		3	4.1%
7		22	29.7%
10		3	4.1%
14		13	17.6%
15		1	1.4%
30		12	16.2%
40		1	1.4%
60		2	2.7%
Sysmiss		549	

**G4: Informal Gift/Payment Expected or Requested For A Construction-Related Permit**

Data file: Singapore-2023-full-data.dta

**Overview**

Valid: 74 Invalid: 549 Minimum: -9 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	1.4%
-8	Refusal (spontaneous)	0	0%
1	Yes	1	1.4%

2	No	72	97.3%
Sysmiss		549	

### G31: In last 2 years, establishment applied for occupancy permit

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 623 Invalid: Minimum: -9 Maximum: 2  
Type: Discrete Decimal: 0 Width: 2 Range: -9 - 2 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	0.2%
-7	Does not apply (spontaneous)	6	1%
1	Yes	23	3.7%
2	No	593	95.2%

### G32: Wait for occupancy permit

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 23 Invalid: 600 Minimum: 1 Maximum: 120  
Type: Discrete Decimal: 0 Width: 3 Range: 1 - 120 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
-6	Still in process	0	0%
-5	Application denied	0	0%
1	One day or less	3	13%
5		1	4.3%
7		2	8.7%
14		9	39.1%
30		3	13%
60		2	8.7%
90		2	8.7%

120		1	4.3%
Sysmiss		600	

### G33: Cost of occupancy permit

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 23 Invalid: 600 Minimum: -9 Maximum: 50000  
 Type: Discrete Decimal: 0 Width: 5 Range: -9 - 50000 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	4	17.4%
0		1	4.3%
100		1	4.3%
200		1	4.3%
500		2	8.7%
1000		3	13%
2000		2	8.7%
5000		2	8.7%
10000		3	13%
15000		1	4.3%
24800		1	4.3%
25000		1	4.3%
50000		1	4.3%
Sysmiss		600	

### G5A: What Is The Total Selling Area In This Establishment?

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 46 Invalid: 577 Minimum: -9 Maximum: 15000  
 Type: Discrete Decimal: 0 Width: 5 Range: -9 - 15000 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
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-9	Don't know (spontaneous)	21	45.7%
90		1	2.2%
100		2	4.3%
140		2	4.3%
150		1	2.2%
170		1	2.2%
200		5	10.9%
237		1	2.2%
250		1	2.2%
280		1	2.2%
300		1	2.2%
540		1	2.2%
550		1	2.2%
630		1	2.2%
700		1	2.2%
800		1	2.2%
1000		3	6.5%
15000		1	2.2%
Sysmiss		577	

## G5B: The Area Is Measured In:

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 25 Invalid: 598 Minimum: 1 Maximum: 3  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 3 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	Square Feet	10	40%
2	Square Yards	0	0%
3	Square Meters	15	60%
4	Other	0	0%
Sysmiss		598	

**G5BX: Specify Other Units (If Not Included Above) The Area Is Measured In****Data file: Singapore-2023-full-data.dta****Overview**

Valid: 623 Invalid:  
 Type: Discrete Width: 1 Range: - Format: character

**G30A: How Much of An Obstacle: Access To Land?****Data file: Singapore-2023-full-data.dta****Overview**

Valid: 623 Invalid: Minimum: -9 Maximum: 4  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 4 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	0.2%
-7	Does not apply	6	1%
0	No obstacle	526	84.4%
1	Minor obstacle	76	12.2%
2	Moderate obstacle	9	1.4%
3	Major obstacle	3	0.5%
4	Very severe obstacle	2	0.3%

**GE3: Experience damage of physical assets due to extreme weather events?****Data file: Singapore-2023-full-data.dta****Overview**

Valid: 623 Invalid: Minimum: 1 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Yes	2	0.3%
2	No	621	99.7%

**GE3A: Monetary damage of physical assets?****Data file:** Singapore-2023-full-data.dta**Overview**

Valid: 2 Invalid: 621 Minimum: -9 Maximum: 500  
 Type: Discrete Decimal: 0 Width: 3 Range: -9 - 500 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	50%
500		1	50%
Sysmiss		621	

**GE7: Over the last 3 years, establishment monitor its CO2 emissions?****Data file:** Singapore-2023-full-data.dta**Overview**

Valid: 623 Invalid: Minimum: 1 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Yes	85	13.6%
2	No	538	86.4%

**GE8D: Over last 3 years, establishment adopt energy management measures?****Data file:** Singapore-2023-full-data.dta**Overview**

Valid: 623 Invalid: Minimum: 1 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%

-7	Establishment was not in business	0	0%
1	Yes	167	26.8%
2	No	456	73.2%

### K3A: % of Working Capital Financed From Internal Funds/Retained Earnings

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 623 Invalid: Minimum: -9 Maximum: 100  
Type: Discrete Decimal: 0 Width: 3 Range: -9 - 100 Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	2	0.3%
0		2	0.3%
10		3	0.5%
20		7	1.1%
30		14	2.2%
35		1	0.2%
40		4	0.6%
50		46	7.4%
60		13	2.1%
65		2	0.3%
70		46	7.4%
75		3	0.5%
80		38	6.1%
85		3	0.5%
90		25	4%
95		5	0.8%
100		409	65.7%

### K3BC: % of Working Capital Borrowed From Banks

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 623 Invalid: Minimum: -9 Maximum: 100  
Type: Discrete Decimal: 0 Width: 3 Range: -9 - 100 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	2	0.3%
0		462	74.2%
5		4	0.6%
10		13	2.1%
15		2	0.3%
20		21	3.4%
25		1	0.2%
30		41	6.6%
35		2	0.3%
40		13	2.1%
50		46	7.4%
60		1	0.2%
70		8	1.3%
80		4	0.6%
90		1	0.2%
100		2	0.3%

### K3E: % of Working Capital Borrowed From Non-Bank Financial Institutions

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 623 Invalid: Minimum: -9 Maximum: 50

Type: Discrete Decimal: 0 Width: 2 Range: -9 - 50 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	0.2%
0		612	98.2%
5		1	0.2%
10		3	0.5%
20		3	0.5%
30		1	0.2%
40		1	0.2%

50		1	0.2%
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### K3F: % of Working Capital Purchased On Credit/Advances From Suppliers /Customers

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 623 Invalid: Minimum: -9 Maximum: 80  
Type: Discrete Decimal: 0 Width: 2 Range: -9 - 80 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	0.2%
0		551	88.4%
5		3	0.5%
10		26	4.2%
15		4	0.6%
20		24	3.9%
30		8	1.3%
40		2	0.3%
50		3	0.5%
80		1	0.2%

### K3HD: % of Working Capital Financed By Other (Money Lenders, Friends, Relatives, Etc)

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 623 Invalid: Minimum: -9 Maximum: 70  
Type: Discrete Decimal: 0 Width: 2 Range: -9 - 70 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	0.2%
0		615	98.7%
5		1	0.2%
10		2	0.3%
20		1	0.2%

30		1	0.2%
50		1	0.2%
70		1	0.2%

#### K4: Did This Establishment Purchase Any Fixed Assets In Last FY?

Data file: Singapore-2023-full-data.dta

##### Overview

Valid: 623 Invalid: Minimum: -9 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 2 Format: Numeric

##### Questions and instructions

###### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	0.2%
1	Yes	145	23.3%
2	No	477	76.6%

#### N5A: Total Annual Expenditure For Purchases of Equipment In Last FY

Data file: Singapore-2023-full-data.dta

##### Overview

Valid: 145 Invalid: 478 Minimum: -9 Maximum: 10000000  
 Type: Discrete Decimal: 0 Width: 8 Range: -9 - 10000000 Format: Numeric

##### Questions and instructions

###### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	2	1.4%
0		2	1.4%
200		1	0.7%
300		1	0.7%
500		1	0.7%
1000		1	0.7%
2000		4	2.8%
3000		4	2.8%
4000		1	0.7%
5000		14	9.7%

6000		1	0.7%
8000		1	0.7%
10000		13	9%
11000		1	0.7%
14000		1	0.7%
15000		5	3.4%
20000		10	6.9%
22000		1	0.7%
25000		1	0.7%
30000		2	1.4%
34000		1	0.7%
40000		3	2.1%
50000		10	6.9%
60000		3	2.1%
80000		2	1.4%
90000		2	1.4%
100000		18	12.4%
110000		1	0.7%
120000		2	1.4%
150000		3	2.1%
175000		1	0.7%
200000		7	4.8%
230000		1	0.7%
250000		1	0.7%
300000		6	4.1%
400000		2	1.4%
450000		2	1.4%
500000		5	3.4%
700000		1	0.7%
2000000		2	1.4%
2500000		1	0.7%
4000000		1	0.7%
5000000		1	0.7%
8000000		1	0.7%
10000000		1	0.7%
Sysmiss		478	

**N5B: Total Annual Expenditure For Purchases of Land And Buildings In Last FY****Data file: Singapore-2023-full-data.dta****Overview**

Valid: 145    Invalid: 478    Minimum: -9    Maximum: 4151000  
 Type: Discrete    Decimal: 0    Width: 7    Range: -9 - 4151000    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	0.7%
0		134	92.4%
15000		1	0.7%
100000		1	0.7%
120000		1	0.7%
200000		2	1.4%
750000		1	0.7%
800000		1	0.7%
2000000		1	0.7%
2500000		1	0.7%
4151000		1	0.7%
Sysmiss		478	

**K5A: Last FY, % Fixed Assets Funded By: Internal Funds/Retained Earnings****Data file: Singapore-2023-full-data.dta****Overview**

Valid: 141    Invalid: 482    Minimum: -9    Maximum: 100  
 Type: Discrete    Decimal: 0    Width: 3    Range: -9 - 100    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	2	1.4%
0		5	3.5%
10		3	2.1%
20		8	5.7%
30		10	7.1%
50		8	5.7%

60		1	0.7%
70		2	1.4%
80		2	1.4%
100		100	70.9%
Sysmiss		482	

## K5A1: Fixed Assets - Value Internal Funds or Retained Earnings

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 4 Invalid: 619 Minimum: 20000 Maximum: 500000  
 Type: Discrete Decimal: 0 Width: 6 Range: 20000 - 500000 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
20000		1	25%
100000		1	25%
150000		1	25%
500000		1	25%
Sysmiss		619	

## K5I: Last FY, % Fixed Assets Funded By: Owners' Contributions or Issued New Equity

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 141 Invalid: 482 Minimum: -9 Maximum: 50  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 50 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	2	1.4%
0		135	95.7%
5		1	0.7%
40		1	0.7%
50		2	1.4%

Sysmiss		482	
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## K5I1: Fixed Assets - Value Owners' Contribution or Issued New Equity Shares

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 4 Invalid: 619 Minimum: 0  
Type: Discrete Decimal: 0 Width: 2 Range: 0 - Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
0		4	100%
Sysmiss		619	

## K5BC: Last FY, % Fixed Assets Funded By: Bank Borrowing

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 141 Invalid: 482 Minimum: -9 Maximum: 100  
Type: Discrete Decimal: 0 Width: 3 Range: -9 - 100 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	0.7%
0		105	74.5%
20		2	1.4%
40		3	2.1%
50		8	5.7%
70		10	7.1%
80		7	5%
85		1	0.7%
100		4	2.8%
Sysmiss		482	

**K5BC1: Fixed Assets - Value Borrowed From Banks****Data file:** Singapore-2023-full-data.dta**Overview**

Valid: 4    Invalid: 619    Minimum: 0    Maximum: 250000  
 Type: Discrete    Decimal: 0    Width: 6    Range: 0 - 250000    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
0		2	50%
100000		1	25%
250000		1	25%
Sysmiss		619	

**K5E: Last FY, % Fixed Assets Funded By: Non-Bank Financial Institutions****Data file:** Singapore-2023-full-data.dta**Overview**

Valid: 141    Invalid: 482    Minimum: -9    Maximum: 100  
 Type: Discrete    Decimal: 0    Width: 3    Range: -9 - 100    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	0.7%
0		139	98.6%
100		1	0.7%
Sysmiss		482	

**K5E1: Fixed Assets - Value Borrowed From Non-Bank Financial Institutions****Data file:** Singapore-2023-full-data.dta**Overview**

Valid: 4    Invalid: 619    Minimum: 0  
 Type: Discrete    Decimal: 0    Width: 2    Range: 0 -    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
0		4	100%
Sysmiss		619	

## K5F: Last FY, % Fixed Assets Funded By: Credit From Suppliers/Advances From Customers

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 141 Invalid: 482 Minimum: -9 Maximum: 40  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 40 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	0.7%
0		138	97.9%
30		1	0.7%
40		1	0.7%
Sysmiss		482	

## K5F1: Fixed Assets - Value Purchases On Credit From Suppliers, Advances From Customers

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 4 Invalid: 619 Minimum: 0  
 Type: Discrete Decimal: 0 Width: 2 Range: 0 - Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
0		4	100%
Sysmiss		619	

**K5HDJ: Last FY, % Fixed Assets Funded By: Other (Money Lenders\Friends\Relatives\Etc)**

Data file: Singapore-2023-full-data.dta

**Overview**

Valid: 141 Invalid: 482 Minimum: -9 Maximum: 30  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 30 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	0.7%
0		139	98.6%
30		1	0.7%
Sysmiss		482	

**K5HDJ1: Fixed Assets - Value Other**

Data file: Singapore-2023-full-data.dta

**Overview**

Valid: 4 Invalid: 619 Minimum: 0  
 Type: Discrete Decimal: 0 Width: 2 Range: 0 - Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
0		4	100%
Sysmiss		619	

**K4B: Purchase Any New/Used Fixed Assets?**

Data file: Singapore-2023-full-data.dta

**Overview**

Valid: 122 Invalid: 501 Minimum: 1 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Yes	13	10.7%
2	No	109	89.3%
Sysmiss		501	

### N5C: Total Annual Expenditure For Purchases of Equipment In Year Prior To Last FY

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 13 Invalid: 610 Minimum: 2000 Maximum: 200000  
 Type: Discrete Decimal: 0 Width: 6 Range: 2000 - 200000 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
2000		1	7.7%
5000		1	7.7%
10000		1	7.7%
30000		1	7.7%
50000		3	23.1%
59000		1	7.7%
60000		1	7.7%
100000		2	15.4%
150000		1	7.7%
200000		1	7.7%
Sysmiss		610	

### N5D: Total Annual Expenditure On Land And Buildings In Year Prior To Last FY

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 13 Invalid: 610 Minimum: 0 Maximum: 1000000  
 Type: Discrete Decimal: 0 Width: 7 Range: 0 - 1000000 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
0		12	92.3%
1000000		1	7.7%
Sysmiss		610	

### K6: Does This Establishment Have A Checking And/or Saving Account?

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 623 Invalid: Minimum: 1 Maximum: 2

Type: Discrete Decimal: 0 Width: 2 Range: 1 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Yes	571	91.7%
2	No	52	8.3%

### K7: At This Time, Does This Establishment Have An Overdraft Facility?

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 623 Invalid: Minimum: -9 Maximum: 2

Type: Discrete Decimal: 0 Width: 2 Range: -9 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	4	0.6%
1	Yes	124	19.9%
2	No	495	79.5%

**K82: Establishment Has A Line of Credit or Loan From A Financial Institution?****Data file:** Singapore-2023-full-data.dta**Overview**

Valid: 623 Invalid: Minimum: -9 Maximum: 4  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 4 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	0.2%
1	Yes, a loan only	130	20.9%
2	Yes, a line of credit only	16	2.6%
3	Yes, both a line of credit and a loan	48	7.7%
4	No	428	68.7%

**K9: Type of Financial Institution That Granted The Line of Credit or Loan****Data file:** Singapore-2023-full-data.dta**Overview**

Valid: 194 Invalid: 429 Minimum: -9 Maximum: 4  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 4 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	0.5%
1	Private commercial banks	176	90.7%
2	State-owned banks or government agency	13	6.7%
3	Non-bank financial institutions	2	1%
4	Other	2	1%
Sysmiss		429	

**K10: Year When The Most Recent Loan/Line of Credit Approved****Data file:** Singapore-2023-full-data.dta**Overview**

Valid: 194 Invalid: 429 Minimum: -9 Maximum: 2023  
 Type: Discrete Decimal: 0 Width: 4 Range: -9 - 2023 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	12	6.2%
1971		1	0.5%
1983		1	0.5%
2000		1	0.5%
2010		1	0.5%
2012		1	0.5%
2013		1	0.5%
2015		5	2.6%
2017		1	0.5%
2018		6	3.1%
2019		7	3.6%
2020		29	14.9%
2021		25	12.9%
2022		58	29.9%
2023		45	23.2%
Sysmiss		429	

### K11: For The Most Recent Loan, What Was The Value At The Time of Approval?

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 194 Invalid: 429 Minimum: -9 Maximum: 50000000  
 Type: Discrete Decimal: 0 Width: 8 Range: -9 - 50000000 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	11	5.7%
-8	Refusal (spontaneous)	60	30.9%
7		2	1%
20000		1	0.5%
30000		2	1%
40000		1	0.5%
50000		7	3.6%

60000		1	0.5%
70000		1	0.5%
80000		1	0.5%
90000		1	0.5%
100000		14	7.2%
110000		1	0.5%
120000		2	1%
130000		1	0.5%
150000		5	2.6%
172000		1	0.5%
200000		8	4.1%
240000		1	0.5%
250000		3	1.5%
300000		15	7.7%
350000		2	1%
400000		2	1%
450000		2	1%
500000		15	7.7%
600000		2	1%
850000		1	0.5%
1000000		9	4.6%
1400000		1	0.5%
1500000		1	0.5%
2000000		2	1%
2200000		1	0.5%
2400000		1	0.5%
2500000		1	0.5%
3000000		8	4.1%
5000000		4	2.1%
6000000		1	0.5%
25000000		1	0.5%
50000000		1	0.5%
Sysmiss		429	

### K13: Financing Required For The Most Recent Line of Credit or Loan

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 194    Invalid: 429    Minimum: -9    Maximum: 2

Type: Discrete    Decimal: 0    Width: 2    Range: -9 - 2    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	2	1%
1	Yes	28	14.4%
2	No	164	84.5%
Sysmiss		429	

**K14A: Type of Collateral Required For The Most Recent Loan? Land, Buildings**

Data file: Singapore-2023-full-data.dta

**Overview**Valid: 28    Invalid: 595    Minimum: 1    Maximum: 2  
Type: Discrete    Decimal: 0    Width: 2    Range: 1 - 2    Format: Numeric**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Yes	9	32.1%
2	No	19	67.9%
Sysmiss		595	

**K14B: Type of Collateral Required For The Most Recent Loan? Equipment**

Data file: Singapore-2023-full-data.dta

**Overview**Valid: 28    Invalid: 595    Minimum: 1    Maximum: 2  
Type: Discrete    Decimal: 0    Width: 2    Range: 1 - 2    Format: Numeric**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Yes	9	32.1%
2	No	19	67.9%

Sysmiss		595	
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### K14C: Type of Collateral Required For The Most Recent Loan? Accounts

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 28 Invalid: 595 Minimum: 1 Maximum: 2  
Type: Discrete Decimal: 0 Width: 2 Range: 1 - 2 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Yes	12	42.9%
2	No	16	57.1%
Sysmiss		595	

### K14D: Type of Collateral Required For The Most Recent Loan? Personal Assets

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 28 Invalid: 595 Minimum: 1 Maximum: 2  
Type: Discrete Decimal: 0 Width: 2 Range: 1 - 2 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Yes	6	21.4%
2	No	22	78.6%
Sysmiss		595	

### K14E: Type of Collateral Required For The Most Recent Loan? Other

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 28 Invalid: 595 Minimum: 1 Maximum: 2  
Type: Discrete Decimal: 0 Width: 2 Range: 1 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Yes	4	14.3%
2	No	24	85.7%
Sysmiss		595	

### K15A: Value of Collateral Required For The Most Recent Credit/Loan

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 28 Invalid: 595 Minimum: -9 Maximum: 5600000  
 Type: Discrete Decimal: 0 Width: 7 Range: -9 - 5600000 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	4	14.3%
50000		3	10.7%
80000		1	3.6%
100000		1	3.6%
120000		1	3.6%
200000		4	14.3%
300000		4	14.3%
500000		1	3.6%
1000000		3	10.7%
2000000		1	3.6%
2500000		1	3.6%
3000000		3	10.7%
5600000		1	3.6%
Sysmiss		595	

### K15B: Total Number of Open Lines of Credit and Outstanding Loans

Data file: Singapore-2023-full-data.dta

## Overview

Valid: 194 Invalid: 429 Minimum: -9 Maximum: 30  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 30 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	56	28.9%
1		74	38.1%
2		29	14.9%
3		14	7.2%
4		5	2.6%
5		8	4.1%
6		4	2.1%
7		1	0.5%
10		2	1%
30		1	0.5%
Sysmiss		429	

## K15C: Total Outstanding Balance of All Open Lines of Credit and Loans (LCU)

Data file: Singapore-2023-full-data.dta

## Overview

Valid: 138 Invalid: 485 Minimum: -8 Maximum: 30000000  
 Type: Discrete Decimal: 0 Width: 8 Range: -8 - 30000000 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
-8	Refusal (spontaneous)	30	21.7%
0		8	5.8%
1		6	4.3%
2		1	0.7%
4		1	0.7%
3000		1	0.7%
10000		1	0.7%
20000		2	1.4%

25000		1	0.7%
30000		5	3.6%
40000		1	0.7%
50000		6	4.3%
55000		2	1.4%
60000		3	2.2%
75000		1	0.7%
80000		1	0.7%
90000		1	0.7%
100000		8	5.8%
120000		1	0.7%
130000		2	1.4%
150000		2	1.4%
170000		1	0.7%
180000		1	0.7%
200000		8	5.8%
250000		4	2.9%
300000		3	2.2%
310000		1	0.7%
350000		1	0.7%
400000		4	2.9%
500000		3	2.2%
600000		1	0.7%
900000		2	1.4%
1000000		4	2.9%
1200000		1	0.7%
1500000		1	0.7%
1800000		1	0.7%
2000000		3	2.2%
2200000		2	1.4%
2300000		1	0.7%
2500000		1	0.7%
3500000		1	0.7%
4000000		1	0.7%
5000000		3	2.2%
5600000		1	0.7%
18000000		1	0.7%
20000000		3	2.2%
30000000		1	0.7%

Sysmiss		485	
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## K15D: Outstanding Personal Loans Used To Finance Establishment'S Business Activities?

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 623 Invalid: Minimum: -9 Maximum: 2  
Type: Discrete Decimal: 0 Width: 2 Range: -9 - 2 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	7	1.1%
1	Yes	25	4%
2	No	591	94.9%

## K162: In Last FY, Did Establishment Apply For New Loans/Lines of Credit?

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 623 Invalid: Minimum: -9 Maximum: 4  
Type: Discrete Decimal: 0 Width: 2 Range: -9 - 4 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	4	0.6%
1	Yes, a loan only	92	14.8%
2	Yes, a line of credit only	3	0.5%
3	Yes, both a line of credit and a loan	15	2.4%
4	No	509	81.7%

## K17: Main Reason For Not Applying For New Loans or New Lines of Credit

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 509 Invalid: 114 Minimum: -9 Maximum: 7  
Type: Discrete Decimal: 0 Width: 2 Range: -9 - 7 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	2	0.4%
1	No need for a loan - establishment had sufficient capital	454	89.2%
2	Application procedures were complex	6	1.2%
3	Interest rates were not favorable	25	4.9%
4	Collateral requirements were too high	6	1.2%
5	Size of loan and maturity were insufficient	3	0.6%
6	Did not think it would be approved	9	1.8%
7	Other	4	0.8%
Sysmiss		114	

### K20A1: What Was The Outcome of That Most Recent Application For Loan/Line of Credit?

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 110 Invalid: 513 Minimum: 1 Maximum: 4  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 4 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
-6	Still in process	0	0%
1	Application was approved in full	99	90%
2	Application was approved in part	7	6.4%
3	Application was rejected	2	1.8%
4	Application was withdrawn	2	1.8%
Sysmiss		513	

### K31: Total cost to apply for most recent loan

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 107 Invalid: 516 Minimum: -9 Maximum: 2500000  
 Type: Discrete Decimal: 0 Width: 7 Range: -9 - 2500000 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	29	27.1%
0		25	23.4%
2		1	0.9%
90		1	0.9%
100		4	3.7%
200		1	0.9%
300		1	0.9%
500		1	0.9%
1000		9	8.4%
1200		1	0.9%
1500		2	1.9%
2000		5	4.7%
2500		1	0.9%
3000		5	4.7%
5000		4	3.7%
6000		1	0.9%
6500		1	0.9%
8000		1	0.9%
10000		2	1.9%
20000		6	5.6%
30000		1	0.9%
40000		1	0.9%
70000		1	0.9%
100000		1	0.9%
600000		1	0.9%
2500000		1	0.9%
Sysmiss		516	

### K32: Days to receive a decision about most recent loan application

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 107 Invalid: 516 Minimum: -9 Maximum: 120  
 Type: Discrete Decimal: 0 Width: 3 Range: -9 - 120 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	10	9.3%
1		3	2.8%
2		1	0.9%
5		1	0.9%
7		12	11.2%
10		2	1.9%
14		27	25.2%
18		1	0.9%
20		3	2.8%
21		7	6.5%
30		32	29.9%
40		1	0.9%
45		1	0.9%
60		4	3.7%
90		1	0.9%
120		1	0.9%
Sysmiss		516	

## K21: Financial Statements Checked & Certified By External Auditor In Last FY?

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 623 Invalid: Minimum: -9 Maximum: 2

Type: Discrete Decimal: 0 Width: 2 Range: -9 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	0.2%
1	Yes	425	68.2%
2	No	197	31.6%

**K33: Percentage of payments received using e-payments****Data file: Singapore-2023-full-data.dta****Overview**

Valid: 623 Invalid: Minimum: -9 Maximum: 100

Type: Discrete Decimal: 0 Width: 3 Range: -9 - 100 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	7	1.1%
0		15	2.4%
5		2	0.3%
10		11	1.8%
15		2	0.3%
20		16	2.6%
25		1	0.2%
30		18	2.9%
35		1	0.2%
40		10	1.6%
45		2	0.3%
50		66	10.6%
60		29	4.7%
65		2	0.3%
70		71	11.4%
75		8	1.3%
80		92	14.8%
82		1	0.2%
85		8	1.3%
90		110	17.7%
95		20	3.2%
98		2	0.3%
99		7	1.1%
100		122	19.6%

**K34: Main type of e-payment accepted****Data file: Singapore-2023-full-data.dta**

**Overview**

Valid: 601 Invalid: 22 Minimum: 1 Maximum: 6  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 6 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Internet and mobile banking, including direct debit transfer	564	93.8%
2	Debit cards	1	0.2%
3	Credit cards	30	5%
4	E-money and e-wallet, excluding mobile money	0	0%
5	Mobile money	1	0.2%
6	Other	5	0.8%
Sysmiss		22	

**K35: Avg. days to receive main type of e-payment**

Data file: Singapore-2023-full-data.dta

**Overview**

Valid: 601 Invalid: 22 Minimum: -9 Maximum: 20  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 20 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	0.2%
0	Payment received in less than a day	388	64.6%
1		48	8%
2		94	15.6%
3		58	9.7%
4		1	0.2%
5		4	0.7%
7		4	0.7%
8		1	0.2%
14		1	0.2%
20		1	0.2%
Sysmiss		22	

**K36: Cost per transaction (% of transaction) to receive main type of e-payment****Data file: Singapore-2023-full-data.dta****Overview**

Valid: 601 Invalid: 22 Minimum: -9 Maximum: 100  
 Type: Discrete Decimal: 0 Width: 3 Range: -9 - 100 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	22	3.7%
0		523	87%
1		13	2.2%
2		11	1.8%
3		21	3.5%
4		1	0.2%
5		4	0.7%
10		1	0.2%
20		2	0.3%
30		1	0.2%
80		1	0.2%
100		1	0.2%
Sysmiss		22	

**K37: Monthly fees and subscription costs to receive main type of e-payment****Data file: Singapore-2023-full-data.dta****Overview**

Valid: 601 Invalid: 22 Minimum: -9 Maximum: 600000  
 Type: Discrete Decimal: 0 Width: 6 Range: -9 - 600000 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	8	1.3%
0		365	60.7%
1		1	0.2%

2		2	0.3%
5		3	0.5%
10		13	2.2%
15		1	0.2%
18		1	0.2%
20		25	4.2%
25		1	0.2%
30		24	4%
35		2	0.3%
38		1	0.2%
40		6	1%
45		1	0.2%
50		43	7.2%
55		2	0.3%
60		3	0.5%
70		4	0.7%
75		1	0.2%
80		4	0.7%
85		1	0.2%
90		2	0.3%
100		23	3.8%
120		3	0.5%
150		4	0.7%
170		1	0.2%
180		1	0.2%
200		14	2.3%
300		8	1.3%
350		2	0.3%
400		1	0.2%
500		6	1%
700		1	0.2%
800		2	0.3%
1000		5	0.8%
2000		2	0.3%
3000		1	0.2%
4000		1	0.2%
10000		4	0.7%
11000		1	0.2%
29250		1	0.2%

32000		1	0.2%
50000		1	0.2%
100000		1	0.2%
120000		1	0.2%
180000		1	0.2%
600000		1	0.2%
Sysmiss		22	

### K38: Percentage of payments made using e-payments

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 623 Invalid: Minimum: -9 Maximum: 100  
 Type: Discrete Decimal: 0 Width: 3 Range: -9 - 100 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	12	1.9%
0		69	11.1%
2		1	0.2%
5		5	0.8%
10		23	3.7%
15		1	0.2%
20		11	1.8%
25		1	0.2%
30		12	1.9%
35		2	0.3%
40		3	0.5%
50		36	5.8%
60		8	1.3%
70		44	7.1%
75		4	0.6%
80		84	13.5%
85		1	0.2%
90		109	17.5%
95		16	2.6%
98		1	0.2%

99		7	1.1%
100		173	27.8%

### K39: Main type of e-payment used to make payments

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 542 Invalid: 81 Minimum: 1 Maximum: 6  
Type: Discrete Decimal: 0 Width: 2 Range: 1 - 6 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Internet and mobile banking, including direct debit transfer	537	99.1%
2	Debit cards	0	0%
3	Credit cards	0	0%
4	E-money and e-wallet, excluding mobile money	0	0%
5	Mobile money	0	0%
6	Other	5	0.9%
Sysmiss		81	

### K40: Cost per transaction (% of transaction) to make main type of e-payment

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 542 Invalid: 81 Minimum: -9 Maximum: 100  
Type: Discrete Decimal: 0 Width: 3 Range: -9 - 100 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	39	7.2%
0		475	87.6%
1		7	1.3%
2		5	0.9%
5		5	0.9%
10		1	0.2%

15		1	0.2%
20		2	0.4%
30		2	0.4%
70		1	0.2%
80		2	0.4%
90		1	0.2%
100		1	0.2%
Sysmiss		81	

### K30: How Much of An Obstacle: Access To Finance

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 623 Invalid: Minimum: 0 Maximum: 4  
 Type: Discrete Decimal: 0 Width: 2 Range: 0 - 4 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
-7	Does not apply	0	0%
0	No obstacle	488	78.3%
1	Minor obstacle	100	16.1%
2	Moderate obstacle	28	4.5%
3	Major obstacle	6	1%
4	Very severe obstacle	1	0.2%

### J31: In resolving commercial disputes, courts are independent and impartial

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 623 Invalid: Minimum: -9 Maximum: 4  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 4 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	0.2%

-7	Does not apply (spontaneous)	2	0.3%
1	Strongly disagree	10	1.6%
2	Tend to disagree	41	6.6%
3	Tend to agree	252	40.4%
4	Strongly agree	317	50.9%

## J2: What % of Senior Management Time Was Spent In Dealing With Govt Regulations?

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 623 Invalid: Minimum: -9 Maximum: 90  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 90 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	10	1.6%
0	No time was spent	283	45.4%
1		6	1%
2		14	2.2%
3		17	2.7%
4		5	0.8%
5		68	10.9%
7		1	0.2%
8		4	0.6%
10		64	10.3%
12		1	0.2%
15		15	2.4%
20		56	9%
24		4	0.6%
25		10	1.6%
30		29	4.7%
35		1	0.2%
40		13	2.1%
50		9	1.4%
60		4	0.6%
70		2	0.3%
72		1	0.2%

80		3	0.5%
84		1	0.2%
90		2	0.3%

### J3: Over The Last 12 Months, Was This Establishment Inspected By Tax officials?

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 623 Invalid: Minimum: -9 Maximum: 2  
Type: Discrete Decimal: 0 Width: 2 Range: -9 - 2 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	2	0.3%
1	Yes	24	3.9%
2	No	597	95.8%

### J4: Frequency of Inspections/Requirement For Meeting By Tax officials

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 24 Invalid: 599 Minimum: 1 Maximum: 4  
Type: Discrete Decimal: 0 Width: 2 Range: 1 - 4 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1		17	70.8%
2		6	25%
4		1	4.2%
Sysmiss		599	

### J5: In Any of These Inspections Was A Gift/Informal Payment Requested ?

Data file: Singapore-2023-full-data.dta

**Overview**

Valid: 24 Invalid: 599 Minimum: 2 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: 2 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
-8	Refusal (spontaneous)	0	0%
1	Yes	0	0%
2	No	24	100%
Sysmiss		599	

**J32: Did any of these visits or meetings consist of a tax audit?**

Data file: Singapore-2023-full-data.dta

**Overview**

Valid: 24 Invalid: 599 Minimum: -9 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	4.2%
1	Yes	8	33.3%
2	No	15	62.5%
Sysmiss		599	

**J33: Weeks until final audit report was received**

Data file: Singapore-2023-full-data.dta

**Overview**

Valid: 8 Invalid: 615 Minimum: -9 Maximum: 30  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 30 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
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-9	Don't know (spontaneous)	1	12.5%
-5	Audit is ongoing	0	0%
1	One week or less	3	37.5%
2		1	12.5%
3		1	12.5%
4		1	12.5%
30		1	12.5%
Sysmiss		615	

### J34: Establishment outsourced some tax-related activities in the last FY

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 623 Invalid: Minimum: -9 Maximum: 3  
Type: Discrete Decimal: 0 Width: 2 Range: -9 - 3 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	0.2%
1	Yes, fully	347	55.7%
2	Yes, partially	73	11.7%
3	No	202	32.4%

### J35A: Total annual time spent on tax compliance (hours)

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 301 Invalid: 322 Minimum: -9 Maximum: 1000  
Type: Discrete Decimal: 0 Width: 4 Range: -9 - 1000 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	16	5.3%
1	One hour or less	12	4%
5		2	0.7%
6		1	0.3%

8		2	0.7%
10		3	1%
12		1	0.3%
15		1	0.3%
16		1	0.3%
20		4	1.3%
24		4	1.3%
30		50	16.6%
32		8	2.7%
34		1	0.3%
35		6	2%
36		3	1%
38		1	0.3%
40		33	11%
42		1	0.3%
48		8	2.7%
50		14	4.7%
56		1	0.3%
60		20	6.6%
67		1	0.3%
80		18	6%
88		1	0.3%
90		5	1.7%
96		5	1.7%
100		18	6%
104		1	0.3%
110		1	0.3%
120		23	7.6%
125		1	0.3%
140		3	1%
144		1	0.3%
150		4	1.3%
160		3	1%
168		1	0.3%
180		2	0.7%
200		3	1%
210		1	0.3%
250		2	0.7%
300		1	0.3%

430		1	0.3%
480		1	0.3%
500		3	1%
530		1	0.3%
576		1	0.3%
700		1	0.3%
720		2	0.7%
860		1	0.3%
1000		2	0.7%
Sysmiss		322	

### J35B: Average monthly time spent on tax compliance (hours)

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 322 Invalid: 301 Minimum: -9 Maximum: 500  
 Type: Discrete Decimal: 0 Width: 3 Range: -9 - 500 Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	7	2.2%
1	One hour or less	23	7.1%
2		1	0.3%
3		10	3.1%
4		5	1.6%
5		16	5%
8		20	6.2%
9		1	0.3%
10		21	6.5%
12		6	1.9%
15		7	2.2%
16		6	1.9%
20		22	6.8%
21		2	0.6%
24		10	3.1%
25		1	0.3%
30		44	13.7%

32		5	1.6%
35		7	2.2%
36		5	1.6%
38		1	0.3%
40		27	8.4%
42		1	0.3%
46		1	0.3%
48		8	2.5%
50		18	5.6%
60		9	2.8%
70		1	0.3%
80		10	3.1%
84		1	0.3%
90		2	0.6%
96		2	0.6%
100		4	1.2%
120		6	1.9%
125		4	1.2%
168		1	0.3%
170		1	0.3%
200		2	0.6%
216		1	0.3%
240		1	0.3%
336		1	0.3%
500		1	0.3%
Sysmiss		301	

### J36: In last FY, did establishment file taxes electronically

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 623 Invalid: Minimum: 1 Maximum: 3  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 3 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%

1	Yes, fully	618	99.2%
2	Yes, partially	4	0.6%
3	No	1	0.2%

### J37: In last FY, did establishment pay taxes electronically

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 623 Invalid: Minimum: 1 Maximum: 3  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 3 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Yes, fully	620	99.5%
2	Yes, partially	2	0.3%
3	No	1	0.2%

### J38: In the last 3 yrs., establishment has applied for a VAT refund

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 550 Invalid: 73 Minimum: -9 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 2 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	4	0.7%
-7	Not VAT eligible	69	12.5%
-6	VAT refund not available	72	13.1%
1	Yes	143	26%
2	No	262	47.6%
Sysmiss		73	

**J39: Weeks to receive VAT refund****Data file: Singapore-2023-full-data.dta****Overview**

Valid: 143 Invalid: 480 Minimum: -9 Maximum: 30  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 30 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	0.7%
-5	Refund still outstanding	2	1.4%
1	One week or less	42	29.4%
2		10	7%
3		24	16.8%
4		39	27.3%
5		1	0.7%
6		1	0.7%
7		2	1.4%
8		1	0.7%
12		3	2.1%
14		5	3.5%
15		1	0.7%
16		1	0.7%
20		2	1.4%
21		2	1.4%
24		2	1.4%
30		4	2.8%
Sysmiss		480	

**J40: Main reason for not applying for a VAT tax refund****Data file: Singapore-2023-full-data.dta****Overview**

Valid: 262 Invalid: 361 Minimum: -9 Maximum: 4  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 4 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	2	0.8%
1	VAT cash refunds take too long to receive	11	4.2%
2	The application for a VAT cash refund is too complicated	13	5%
3	The establishment did not need to apply for a VAT cash refund	226	86.3%
4	Other	10	3.8%
Sysmiss		361	

## J6A: Government Contract Secured (or Attempted) In The Last 12 Months?

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 623 Invalid: Minimum: 1 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 2 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Yes	101	16.2%
2	No	522	83.8%

## J41: Degree of difficulty to comply with govt contract tender requirements

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 101 Invalid: 522 Minimum: 1 Maximum: 4  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 4 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Very much difficult	13	12.9%
2	Moderately difficult	33	32.7%
3	Somewhat difficult	44	43.6%
4	Not difficult at all	11	10.9%
Sysmiss		522	

**J42: Establishment has held a govt contract in last 3 yrs?**

Data file: Singapore-2023-full-data.dta

**Overview**

Valid: 623 Invalid: Minimum: 1 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Yes	93	14.9%
2	No	530	85.1%

**J43: Typical number of days to receive payment under govt contract**

Data file: Singapore-2023-full-data.dta

**Overview**

Valid: 93 Invalid: 530 Minimum: 1 Maximum: 180  
 Type: Discrete Decimal: 0 Width: 3 Range: 1 - 180 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Less than one day	1	1.1%
7		2	2.2%
14		2	2.2%
15		2	2.2%
20		1	1.1%
21		12	12.9%
30		40	43%
40		1	1.1%
45		1	1.1%
48		1	1.1%
60		10	10.8%
75		1	1.1%

90		13	14%
120		4	4.3%
150		1	1.1%
180		1	1.1%
Sysmiss		530	

## J7A: Percent of Total Annual Sales Paid In Informal Payments

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 622 Invalid: 1 Minimum: -8 Maximum: 100  
 Type: Discrete Decimal: 0 Width: 3 Range: -8 - 100 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
-8	Refusal (spontaneous)	5	0.8%
0	No payments or gifts are paid	615	98.9%
30		1	0.2%
100		1	0.2%
Sysmiss		1	

## J7B: Total Annual Informal Payment

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 1 Invalid: 622 Minimum: 6000 Maximum: 6000  
 Type: Discrete Decimal: 0 Width: 4 Range: 6000 - 6000 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
-8	Refusal (spontaneous)	0	0%
0	No payments or gifts are paid	0	0%
6000		1	100%
Sysmiss		622	

**J10: Application To Obtain An Import License Submitted Over The Last 2 Years?****Data file: Singapore-2023-full-data.dta****Overview**

Valid: 623 Invalid: Minimum: -9 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	0.2%
1	Yes	49	7.9%
2	No	573	92%

**J11: How Many Days Did It Take To Obtain Your Import License?****Data file: Singapore-2023-full-data.dta****Overview**

Valid: 49 Invalid: 574 Minimum: 1 Maximum: 30  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 30 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
-6	Still in process	0	0%
-5	Application denied	0	0%
1	One day or less	9	18.4%
2		2	4.1%
3		8	16.3%
5		4	8.2%
7		19	38.8%
10		1	2%
14		3	6.1%
15		1	2%
30		2	4.1%
Sysmiss		574	

**J12: When You Applied For An Import License, Was An Informal Gift/Payment Requested?**

Data file: Singapore-2023-full-data.dta

**Overview**

Valid: 49 Invalid: 574 Minimum: 2 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: 2 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
-8	Refusal (spontaneous)	0	0%
1	Yes	0	0%
2	No	49	100%
Sysmiss		574	

**J13: Application To Obtain An Operating License Submitted Over Last 2 Years?**

Data file: Singapore-2023-full-data.dta

**Overview**

Valid: 623 Invalid: Minimum: 1 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Yes	57	9.1%
2	No	566	90.9%

**J14: How Many Days Did It Take To Obtain Your Operating License?**

Data file: Singapore-2023-full-data.dta

**Overview**

Valid: 57 Invalid: 566 Minimum: -6 Maximum: 90  
 Type: Discrete Decimal: 0 Width: 2 Range: -6 - 90 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
-6	Still in process	1	1.8%
-5	Application denied	1	1.8%
1	One day or less	6	10.5%
3		1	1.8%
5		1	1.8%
7		15	26.3%
10		2	3.5%
14		14	24.6%
15		1	1.8%
21		2	3.5%
30		8	14%
40		1	1.8%
60		3	5.3%
90		1	1.8%
Sysmiss		566	

## J15: When You Applied For Operating License Was An Informal Gift/Payment Requested?

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 57 Invalid: 566 Minimum: 2 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: 2 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
-8	Refusal (spontaneous)	0	0%
1	Yes	0	0%
2	No	57	100%
Sysmiss		566	

**J30A: How Much of An Obstacle: Tax Rates****Data file: Singapore-2023-full-data.dta****Overview**

Valid: 623 Invalid: Minimum: 0 Maximum: 4  
 Type: Discrete Decimal: 0 Width: 2 Range: 0 - 4 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
-7	Does not apply	0	0%
0	No obstacle	376	60.4%
1	Minor obstacle	111	17.8%
2	Moderate obstacle	101	16.2%
3	Major obstacle	29	4.7%
4	Very severe obstacle	6	1%

**J30B: How Much of An Obstacle: Tax Administrations****Data file: Singapore-2023-full-data.dta****Overview**

Valid: 623 Invalid: Minimum: -7 Maximum: 3  
 Type: Discrete Decimal: 0 Width: 2 Range: -7 - 3 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
-7	Does not apply	1	0.2%
0	No obstacle	440	70.6%
1	Minor obstacle	122	19.6%
2	Moderate obstacle	53	8.5%
3	Major obstacle	7	1.1%
4	Very severe obstacle	0	0%

**J30C: How Much of An Obstacle: Business Licensing And Permits****Data file: Singapore-2023-full-data.dta**

## Overview

Valid: 623 Invalid: Minimum: -7 Maximum: 4  
 Type: Discrete Decimal: 0 Width: 2 Range: -7 - 4 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
-7	Does not apply	1	0.2%
0	No obstacle	449	72.1%
1	Minor obstacle	101	16.2%
2	Moderate obstacle	54	8.7%
3	Major obstacle	15	2.4%
4	Very severe obstacle	3	0.5%

## J30E: How Much of An Obstacle: Political Instability

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 623 Invalid: Minimum: -9 Maximum: 3  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 3 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	0.2%
-7	Does not apply	0	0%
0	No obstacle	567	91%
1	Minor obstacle	42	6.7%
2	Moderate obstacle	10	1.6%
3	Major obstacle	3	0.5%
4	Very severe obstacle	0	0%

## J30F: How Much of An Obstacle: Corruption

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 623 Invalid: Minimum: 0 Maximum: 3  
 Type: Discrete Decimal: 0 Width: 2 Range: 0 - 3 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
-7	Does not apply	0	0%
0	No obstacle	562	90.2%
1	Minor obstacle	46	7.4%
2	Moderate obstacle	10	1.6%
3	Major obstacle	5	0.8%
4	Very severe obstacle	0	0%

### H30: How Much of An Obstacle: Courts

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 623 Invalid: Minimum: 0 Maximum: 3  
 Type: Discrete Decimal: 0 Width: 2 Range: 0 - 3 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
-7	Does not apply	0	0%
0	No obstacle	559	89.7%
1	Minor obstacle	49	7.9%
2	Moderate obstacle	11	1.8%
3	Major obstacle	4	0.6%
4	Very severe obstacle	0	0%

### I30: How Much of An Obstacle: Crime, Theft And Disorder?

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 623 Invalid: Minimum: 0 Maximum: 4  
 Type: Discrete Decimal: 0 Width: 2 Range: 0 - 4 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
-7	Does not apply	0	0%
0	No obstacle	560	89.9%
1	Minor obstacle	43	6.9%
2	Moderate obstacle	16	2.6%
3	Major obstacle	2	0.3%
4	Very severe obstacle	2	0.3%

### J30\_TAXRATE\_POS: J30: rotation position 1

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 623 Invalid: Minimum: 1 Maximum: 7  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 7 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		83	13.3%
2		89	14.3%
3		67	10.8%
4		100	16.1%
5		104	16.7%
6		93	14.9%
7		87	14%

### J30\_TAXADMIN\_POS: J30: rotation position 2

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 623 Invalid: Minimum: 1 Maximum: 7  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 7 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		70	11.2%
2		70	11.2%
3		116	18.6%
4		104	16.7%
5		82	13.2%
6		94	15.1%
7		87	14%

### J30\_PERMIT\_POS: J30: rotation position 3

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 623 Invalid: Minimum: 1 Maximum: 7  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 7 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		85	13.6%
2		107	17.2%
3		69	11.1%
4		100	16.1%
5		97	15.6%
6		76	12.2%
7		89	14.3%

### J30\_INSTABILITY\_POS: J30: rotation position 4

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 623 Invalid: Minimum: 1 Maximum: 7  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 7 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		79	12.7%
2		92	14.8%
3		99	15.9%
4		57	9.1%
5		97	15.6%
6		106	17%
7		93	14.9%

### J30\_CORRUPTION\_POS: J30: rotation position 5

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 623 Invalid: Minimum: 1 Maximum: 7  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 7 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		81	13%
2		84	13.5%
3		109	17.5%
4		77	12.4%
5		70	11.2%
6		96	15.4%
7		106	17%

### J30\_COURTS\_POS: J30: rotation position 6

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 623 Invalid: Minimum: 1 Maximum: 7  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 7 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		80	12.8%
2		107	17.2%
3		74	11.9%
4		99	15.9%
5		84	13.5%
6		69	11.1%
7		110	17.7%

### J30\_CRIME\_POS: J30: rotation position 7

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 623 Invalid: Minimum: 1 Maximum: 7  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 7 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		145	23.3%
2		74	11.9%
3		89	14.3%
4		86	13.8%
5		89	14.3%
6		89	14.3%
7		51	8.2%

### L1: Num. Permanent, Full-Time Employees At End of Last Fiscal Year

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 623 Invalid: Minimum: 4 Maximum: 550  
 Type: Discrete Decimal: 0 Width: 3 Range: 4 - 550 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
4		1	0.2%
5		45	7.2%
6		36	5.8%
7		27	4.3%
8		33	5.3%
9		12	1.9%
10		33	5.3%
11		9	1.4%
12		12	1.9%
13		10	1.6%
14		1	0.2%
15		20	3.2%
16		6	1%
17		3	0.5%
18		10	1.6%
19		18	2.9%
20		62	10%
21		12	1.9%
22		11	1.8%
23		8	1.3%
24		2	0.3%
25		15	2.4%
26		1	0.2%
27		2	0.3%
28		2	0.3%
30		24	3.9%
33		2	0.3%
34		1	0.2%
35		11	1.8%
37		2	0.3%
38		2	0.3%
39		2	0.3%
40		15	2.4%
41		1	0.2%

42		2	0.3%
44		1	0.2%
45		4	0.6%
46		1	0.2%
47		1	0.2%
48		2	0.3%
50		16	2.6%
55		3	0.5%
60		10	1.6%
63		1	0.2%
65		3	0.5%
66		2	0.3%
70		6	1%
72		1	0.2%
75		1	0.2%
76		1	0.2%
80		2	0.3%
85		1	0.2%
90		1	0.2%
95		2	0.3%
96		1	0.2%
98		2	0.3%
99		4	0.6%
100		16	2.6%
101		2	0.3%
103		1	0.2%
105		6	1%
106		1	0.2%
107		1	0.2%
110		4	0.6%
111		2	0.3%
114		1	0.2%
120		9	1.4%
125		2	0.3%
130		8	1.3%
135		1	0.2%
139		1	0.2%
140		2	0.3%
149		1	0.2%

150		7	1.1%
160		1	0.2%
170		1	0.2%
180		3	0.5%
190		2	0.3%
200		10	1.6%
204		1	0.2%
235		1	0.2%
250		4	0.6%
298		1	0.2%
300		9	1.4%
309		1	0.2%
320		1	0.2%
340		1	0.2%
350		1	0.2%
500		1	0.2%
550		1	0.2%

## L2: Num. Permanent, Full-Time Employees At End of 3 Fiscal Years Ago

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 623 Invalid: Minimum: -7 Maximum: 550

Type: Discrete Decimal: 0 Width: 3 Range: -7 - 550 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
-7	Establishment was not in business	37	5.9%
2		2	0.3%
3		8	1.3%
4		14	2.2%
5		50	8%
6		28	4.5%
7		25	4%
8		21	3.4%
9		12	1.9%

10		44	7.1%
11		11	1.8%
12		15	2.4%
13		3	0.5%
14		5	0.8%
15		25	4%
16		10	1.6%
17		6	1%
18		9	1.4%
19		2	0.3%
20		51	8.2%
21		4	0.6%
22		4	0.6%
23		7	1.1%
24		1	0.2%
25		20	3.2%
27		5	0.8%
28		3	0.5%
30		15	2.4%
33		4	0.6%
34		1	0.2%
35		10	1.6%
36		1	0.2%
38		2	0.3%
39		2	0.3%
40		10	1.6%
42		3	0.5%
43		1	0.2%
45		5	0.8%
47		1	0.2%
48		1	0.2%
49		1	0.2%
50		18	2.9%
53		1	0.2%
55		3	0.5%
60		12	1.9%
64		2	0.3%
65		2	0.3%
70		4	0.6%

74		1	0.2%
80		10	1.6%
85		2	0.3%
90		7	1.1%
94		1	0.2%
95		2	0.3%
98		1	0.2%
99		1	0.2%
100		17	2.7%
101		1	0.2%
102		1	0.2%
105		3	0.5%
110		4	0.6%
115		1	0.2%
120		7	1.1%
128		1	0.2%
130		4	0.6%
145		1	0.2%
150		9	1.4%
160		2	0.3%
170		1	0.2%
180		4	0.6%
194		1	0.2%
196		1	0.2%
200		4	0.6%
230		2	0.3%
235		1	0.2%
238		1	0.2%
250		2	0.3%
260		1	0.2%
270		1	0.2%
280		1	0.2%
300		1	0.2%
320		1	0.2%
350		2	0.3%
450		1	0.2%
550		1	0.2%

**L3A: Num. Full-Time Employees At End of Last FY: Production Workers**

Data file: Singapore-2023-full-data.dta

**Overview**

Valid: 122    Invalid: 501    Minimum: 0    Maximum: 180  
 Type: Discrete    Decimal: 0    Width: 3    Range: 0 - 180    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
0		1	0.8%
2		7	5.7%
3		9	7.4%
4		8	6.6%
5		11	9%
6		5	4.1%
7		3	2.5%
8		8	6.6%
9		2	1.6%
10		6	4.9%
11		1	0.8%
12		3	2.5%
13		1	0.8%
14		1	0.8%
15		8	6.6%
16		2	1.6%
18		6	4.9%
19		1	0.8%
20		6	4.9%
21		1	0.8%
25		1	0.8%
28		1	0.8%
29		1	0.8%
30		4	3.3%
33		1	0.8%
35		2	1.6%
40		4	3.3%
45		2	1.6%
55		1	0.8%

60		1	0.8%
61		1	0.8%
72		1	0.8%
79		1	0.8%
80		1	0.8%
85		2	1.6%
92		1	0.8%
93		1	0.8%
102		1	0.8%
112		1	0.8%
120		1	0.8%
135		1	0.8%
144		1	0.8%
180		1	0.8%
Sysmiss		501	

### L3B: Num. Full-Time Employees At End of Last FY: Non-Production Workers

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 122 Invalid: 501 Minimum: 0 Maximum: 70

Type: Discrete Decimal: 0 Width: 2 Range: 0 - 70 Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
0		8	6.6%
1		10	8.2%
2		10	8.2%
3		17	13.9%
4		15	12.3%
5		10	8.2%
6		5	4.1%
7		2	1.6%
8		8	6.6%
9		2	1.6%
10		5	4.1%

12		3	2.5%
14		2	1.6%
15		5	4.1%
20		5	4.1%
22		1	0.8%
23		1	0.8%
25		2	1.6%
28		1	0.8%
29		1	0.8%
35		1	0.8%
36		1	0.8%
40		1	0.8%
42		1	0.8%
50		2	1.6%
61		1	0.8%
65		1	0.8%
70		1	0.8%
Sysmiss		501	

#### L4A1: Num. of Permanent, Full-Time Skilled Production Workers, Last FY

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 623 Invalid: Minimum: 0 Maximum: 300  
Type: Discrete Decimal: 0 Width: 3 Range: 0 - 300 Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
0		48	7.7%
1		28	4.5%
2		92	14.8%
3		60	9.6%
4		33	5.3%
5		57	9.1%
6		28	4.5%
7		19	3%

8		19	3%
9		7	1.1%
10		54	8.7%
11		2	0.3%
12		11	1.8%
13		5	0.8%
14		3	0.5%
15		20	3.2%
16		4	0.6%
17		4	0.6%
18		3	0.5%
19		1	0.2%
20		41	6.6%
23		1	0.2%
25		8	1.3%
26		2	0.3%
28		1	0.2%
30		23	3.7%
34		1	0.2%
35		4	0.6%
40		10	1.6%
45		2	0.3%
50		6	1%
53		1	0.2%
58		1	0.2%
60		8	1.3%
70		2	0.3%
72		1	0.2%
80		1	0.2%
90		2	0.3%
100		3	0.5%
110		1	0.2%
125		1	0.2%
150		2	0.3%
200		2	0.3%
300		1	0.2%

**L4A2: Num. of Permanent, Full-Time Semi-skilled Production Workers, Last FY**

Data file: Singapore-2023-full-data.dta

**Overview**

Valid: 623 Invalid: Minimum: 0 Maximum: 350

Type: Discrete Decimal: 0 Width: 3 Range: 0 - 350 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
0		105	16.9%
1		15	2.4%
2		43	6.9%
3		44	7.1%
4		29	4.7%
5		44	7.1%
6		30	4.8%
7		17	2.7%
8		20	3.2%
9		5	0.8%
10		45	7.2%
11		4	0.6%
12		12	1.9%
13		11	1.8%
14		2	0.3%
15		18	2.9%
16		6	1%
17		4	0.6%
18		3	0.5%
19		3	0.5%
20		26	4.2%
21		1	0.2%
22		1	0.2%
23		4	0.6%
24		2	0.3%
25		8	1.3%
26		1	0.2%
27		1	0.2%
28		3	0.5%

30		18	2.9%
32		2	0.3%
35		6	1%
40		16	2.6%
45		1	0.2%
46		1	0.2%
47		1	0.2%
48		2	0.3%
49		1	0.2%
50		12	1.9%
55		1	0.2%
56		2	0.3%
58		1	0.2%
59		1	0.2%
60		7	1.1%
65		1	0.2%
67		1	0.2%
68		2	0.3%
69		1	0.2%
70		1	0.2%
74		1	0.2%
75		1	0.2%
80		3	0.5%
85		1	0.2%
86		1	0.2%
87		1	0.2%
88		1	0.2%
89		1	0.2%
90		5	0.8%
91		1	0.2%
94		1	0.2%
100		6	1%
110		1	0.2%
120		1	0.2%
125		3	0.5%
150		2	0.3%
160		1	0.2%
184		1	0.2%
200		1	0.2%

230		1	0.2%
240		1	0.2%
290		1	0.2%
300		1	0.2%
350		1	0.2%

## L4B: Num. of Permanent, Full-Time Low-skilled Production Workers, Last FY

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 623 Invalid: Minimum: 0 Maximum: 350

Type: Discrete Decimal: 0 Width: 3 Range: 0 - 350 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
0		274	44%
1		21	3.4%
2		46	7.4%
3		21	3.4%
4		25	4%
5		35	5.6%
6		11	1.8%
7		7	1.1%
8		14	2.2%
9		2	0.3%
10		17	2.7%
11		5	0.8%
12		5	0.8%
13		7	1.1%
14		3	0.5%
15		9	1.4%
16		3	0.5%
17		2	0.3%
18		1	0.2%
19		6	1%
20		15	2.4%

22		3	0.5%
24		1	0.2%
25		5	0.8%
26		1	0.2%
28		1	0.2%
30		8	1.3%
32		1	0.2%
33		3	0.5%
38		1	0.2%
39		1	0.2%
40		9	1.4%
41		1	0.2%
42		1	0.2%
43		1	0.2%
46		1	0.2%
48		1	0.2%
49		1	0.2%
50		8	1.3%
55		3	0.5%
57		1	0.2%
60		5	0.8%
64		1	0.2%
65		1	0.2%
66		1	0.2%
67		1	0.2%
69		1	0.2%
70		4	0.6%
74		1	0.2%
80		2	0.3%
88		1	0.2%
90		3	0.5%
95		2	0.3%
100		5	0.8%
110		2	0.3%
115		1	0.2%
120		3	0.5%
140		1	0.2%
150		1	0.2%
160		1	0.2%

170		1	0.2%
200		1	0.2%
220		1	0.2%
260		1	0.2%
350		1	0.2%

## L5A: Num. Full-Time Employees At End of Last FY: Female Production Workers

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 122 Invalid: 501 Minimum: -9 Maximum: 120  
 Type: Discrete Decimal: 0 Width: 3 Range: -9 - 120 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	0.8%
0		70	57.4%
1		7	5.7%
2		6	4.9%
3		6	4.9%
4		5	4.1%
5		5	4.1%
6		1	0.8%
8		2	1.6%
10		2	1.6%
11		1	0.8%
12		1	0.8%
13		1	0.8%
14		1	0.8%
15		2	1.6%
18		1	0.8%
19		1	0.8%
20		2	1.6%
30		2	1.6%
40		1	0.8%
58		1	0.8%
90		2	1.6%

120		1	0.8%
Sysmiss		501	

## L5B: Num. Full-Time Employees At End of Last FY: Female Non-Production Workers

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 122 Invalid: 501 Minimum: -9 Maximum: 60  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 60 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	0.8%
0		14	11.5%
1		24	19.7%
2		19	15.6%
3		19	15.6%
4		10	8.2%
5		14	11.5%
6		2	1.6%
7		1	0.8%
8		3	2.5%
10		3	2.5%
12		1	0.8%
15		2	1.6%
16		1	0.8%
18		1	0.8%
20		2	1.6%
22		1	0.8%
29		1	0.8%
30		1	0.8%
50		1	0.8%
60		1	0.8%
Sysmiss		501	

**L5: Num. Full-Time Employees At End of Last FY: Female**

Data file: Singapore-2023-full-data.dta

**Overview**

Valid: 501 Invalid: 122 Minimum: -9 Maximum: 250  
 Type: Discrete Decimal: 0 Width: 3 Range: -9 - 250 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	0.2%
0		16	3.2%
1		52	10.4%
2		71	14.2%
3		58	11.6%
4		30	6%
5		50	10%
6		23	4.6%
7		20	4%
8		20	4%
9		6	1.2%
10		36	7.2%
11		1	0.2%
12		8	1.6%
13		2	0.4%
14		1	0.2%
15		20	4%
16		4	0.8%
17		3	0.6%
18		2	0.4%
20		22	4.4%
24		1	0.2%
25		4	0.8%
28		1	0.2%
30		9	1.8%
35		2	0.4%
36		2	0.4%
38		1	0.2%
40		5	1%
50		8	1.6%

60		3	0.6%
65		2	0.4%
70		3	0.6%
75		1	0.2%
80		3	0.6%
100		2	0.4%
110		1	0.2%
130		1	0.2%
150		2	0.4%
175		1	0.2%
200		2	0.4%
250		1	0.2%
Sysmiss		122	

## L9B: % of Full Time Workers Completed High School End of Last FY

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 595 Invalid: 28 Minimum: -9 Maximum: 100  
 Type: Discrete Decimal: 0 Width: 3 Range: -9 - 100 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	3	0.5%
0		5	0.8%
2		1	0.2%
7		3	0.5%
8		1	0.2%
10		3	0.5%
15		1	0.2%
20		4	0.7%
25		1	0.2%
30		15	2.5%
35		2	0.3%
40		12	2%
45		2	0.3%
50		40	6.7%

60		21	3.5%
65		8	1.3%
70		46	7.7%
75		6	1%
80		55	9.2%
85		2	0.3%
87		1	0.2%
90		28	4.7%
95		12	2%
98		1	0.2%
100		322	54.1%
Sysmiss		28	

## L9B1: Number of Full Time Workers Completed High School

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 28 Invalid: 595 Minimum: 0 Maximum: 22  
 Type: Discrete Decimal: 0 Width: 2 Range: 0 - 22 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		2	7.1%
2		1	3.6%
3		2	7.1%
4		2	7.1%
5		6	21.4%
6		2	7.1%
7		1	3.6%
9		2	7.1%
10		2	7.1%
11		2	7.1%
14		1	3.6%
16		1	3.6%
17		1	3.6%
20		2	7.1%
22		1	3.6%

Sysmiss		595	
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## L10: Formal Training Programs For Permanent, Full-Time Employees In Last FY

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 623 Invalid: Minimum: 1 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 2 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Yes	283	45.4%
2	No	340	54.6%

## L11A: % Permanent Full-Time Production Employees Received Formal Training In Last FY

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 44 Invalid: 579 Minimum: 0 Maximum: 100  
 Type: Discrete Decimal: 0 Width: 3 Range: 0 - 100 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
0	No employees trained	1	2.3%
5		1	2.3%
20		2	4.5%
33		1	2.3%
50		1	2.3%
70		1	2.3%
90		1	2.3%
100		36	81.8%
Sysmiss		579	

**L11A1: Training Programs Amount: Production Full-Time Permanent Employees Trained**

Data file: Singapore-2023-full-data.dta

**Overview**

Valid: 2 Invalid: 621 Minimum: 5 Maximum: 20  
 Type: Discrete Decimal: 0 Width: 2 Range: 5 - 20 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
0	No employees trained	0	0%
5		1	50%
20		1	50%
Sysmiss		621	

**L11B: % Permanent Fulltime Nonproduction Employees Received Formal Training In Last FY**

Data file: Singapore-2023-full-data.dta

**Overview**

Valid: 44 Invalid: 579 Minimum: 0 Maximum: 100  
 Type: Discrete Decimal: 0 Width: 3 Range: 0 - 100 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
0	No employees trained	7	15.9%
10		1	2.3%
20		1	2.3%
30		1	2.3%
50		4	9.1%
75		1	2.3%
100		29	65.9%
Sysmiss		579	

**L11B1: Training Programs Amount: Non-Production Full-Time Permanent Employees Trained**

Data file: Singapore-2023-full-data.dta

## Overview

Valid: 2 Invalid: 621 Minimum: 0 Maximum: 5  
 Type: Discrete Decimal: 0 Width: 2 Range: 0 - 5 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
0	No employees trained	1	50%
5		1	50%
Sysmiss		621	

## L12A: % Permanent Full-Time Female Employees Received Formal Training In Last FY

Data file: Singapore-2023-full-data.dta

## Overview

Valid: 247 Invalid: 376 Minimum: 0 Maximum: 100  
 Type: Discrete Decimal: 0 Width: 3 Range: 0 - 100 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
0	No female employees trained	40	16.2%
5		2	0.8%
10		7	2.8%
13		1	0.4%
14		1	0.4%
15		2	0.8%
18		1	0.4%
20		8	3.2%
30		4	1.6%
40		2	0.8%
50		17	6.9%
60		5	2%
65		1	0.4%
75		1	0.4%
80		2	0.8%

90		1	0.4%
95		1	0.4%
100		151	61.1%
Sysmiss		376	

## L12A1: Training Programs Amount: Full-Time Permanent Female Employees Trained

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 36 Invalid: 587 Minimum: 0 Maximum: 50  
 Type: Discrete Decimal: 0 Width: 2 Range: 0 - 50 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
0	No female employees trained	3	8.3%
1		2	5.6%
2		7	19.4%
3		3	8.3%
4		5	13.9%
5		4	11.1%
6		2	5.6%
7		1	2.8%
9		2	5.6%
10		2	5.6%
15		2	5.6%
20		1	2.8%
25		1	2.8%
50		1	2.8%
Sysmiss		587	

## L31: In the last FY, number of workers establishment needed to hire

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 623 Invalid: Minimum: -9 Maximum: 100  
 Type: Discrete Decimal: 0 Width: 3 Range: -9 - 100 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	0.2%
0	No need to hire any new permanent full-time workers	442	70.9%
1		27	4.3%
2		34	5.5%
3		22	3.5%
4		10	1.6%
5		28	4.5%
6		2	0.3%
7		2	0.3%
8		6	1%
10		18	2.9%
11		1	0.2%
15		4	0.6%
20		8	1.3%
25		2	0.3%
30		4	0.6%
40		2	0.3%
42		1	0.2%
50		5	0.8%
60		1	0.2%
80		1	0.2%
100		2	0.3%

### L32: In the last FY, number of workers establishment hired

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 180 Invalid: 443 Minimum: -9 Maximum: 100  
 Type: Discrete Decimal: 0 Width: 3 Range: -9 - 100 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	0.6%

0	No hires	51	28.3%
1		24	13.3%
2		33	18.3%
3		14	7.8%
4		7	3.9%
5		14	7.8%
6		2	1.1%
7		1	0.6%
8		3	1.7%
9		1	0.6%
10		10	5.6%
11		1	0.6%
20		7	3.9%
30		5	2.8%
40		2	1.1%
50		2	1.1%
60		1	0.6%
100		1	0.6%
Sysmiss		443	

### L33: Main reason establishment did not hire more workers in the last FY

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 108 Invalid: 515 Minimum: 1 Maximum: 6  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 6 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Non-wage labor costs were too high	12	11.1%
2	Legally required minimum wage or cost of dismissal were too high	3	2.8%
3	Lack of skilled labor	48	44.4%
4	Competitive labor costs and benefits were too high	28	25.9%
5	Not enough budget or headquarters did not authorize the hiring	3	2.8%
6	Other	14	13%
Sysmiss		515	

**L34: In the last 3 yrs., establishment has dismissed any permanent, full-time workers**

Data file: Singapore-2023-full-data.dta

**Overview**

Valid: 623 Invalid: Minimum: -9 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	2	0.3%
1	Yes	83	13.3%
2	No	538	86.4%

**L35: Typical number of weeks to dismiss full-time permanent worker**

Data file: Singapore-2023-full-data.dta

**Overview**

Valid: 83 Invalid: 540 Minimum: -6 Maximum: 30  
 Type: Discrete Decimal: 0 Width: 2 Range: -6 - 30 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
-6	Still in progress	1	1.2%
1	One week or less	11	13.3%
4		53	63.9%
5		1	1.2%
6		2	2.4%
7		1	1.2%
8		7	8.4%
12		3	3.6%
14		1	1.2%
20		1	1.2%
30		2	2.4%
Sysmiss		540	

**L36: Typical number of weeks paid in severance****Data file: Singapore-2023-full-data.dta****Overview**

Valid: 83 Invalid: 540 Minimum: -9 Maximum: 12  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 12 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	3	3.6%
0	No severance was paid	66	79.5%
1		1	1.2%
2		3	3.6%
4		7	8.4%
7		1	1.2%
12		2	2.4%
Sysmiss		540	

**L1A: Num. Part-time Employees At End of Last Fiscal Year****Data file: Singapore-2023-full-data.dta****Overview**

Valid: 623 Invalid: Minimum: 0 Maximum: 240  
 Type: Discrete Decimal: 0 Width: 3 Range: 0 - 240 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
0		455	73%
1		28	4.5%
2		25	4%
3		22	3.5%
4		10	1.6%
5		11	1.8%
6		10	1.6%

7		7	1.1%
8		8	1.3%
9		2	0.3%
10		7	1.1%
12		2	0.3%
15		3	0.5%
20		5	0.8%
23		2	0.3%
24		1	0.2%
25		1	0.2%
27		1	0.2%
30		4	0.6%
36		1	0.2%
40		4	0.6%
50		3	0.5%
55		1	0.2%
60		1	0.2%
72		1	0.2%
80		1	0.2%
100		2	0.3%
120		1	0.2%
142		1	0.2%
150		1	0.2%
240		2	0.3%

## L6: Num. Full-Time Temporary Employees At End of Last FY

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 623 Invalid: Minimum: -9 Maximum: 100  
 Type: Discrete Decimal: 0 Width: 3 Range: -9 - 100 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	0.2%
0	No full-time seasonal or temporary workers	575	92.3%
1		11	1.8%

2		11	1.8%
3		7	1.1%
4		2	0.3%
5		8	1.3%
6		1	0.2%
8		1	0.2%
15		2	0.3%
16		1	0.2%
18		1	0.2%
30		1	0.2%
100		1	0.2%

### L6A: Female Temporary, Full-Time Workers Employed Throughout Last FY

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 47 Invalid: 576 Minimum: 0 Maximum: 10  
Type: Discrete Decimal: 0 Width: 2 Range: 0 - 10 Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
0		8	17%
1		14	29.8%
2		11	23.4%
3		6	12.8%
4		1	2.1%
5		5	10.6%
8		1	2.1%
10		1	2.1%
Sysmiss		576	

### L8: Avg. Length of Employment of All Full-Time Temporary Employees In Last FY

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 47 Invalid: 576 Minimum: 1 Maximum: 12  
Type: Discrete Decimal: 0 Width: 2 Range: 1 - 12 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	One month or less	5	10.6%
2		2	4.3%
3		13	27.7%
4		3	6.4%
6		14	29.8%
8		3	6.4%
9		1	2.1%
10		1	2.1%
11		1	2.1%
12		4	8.5%
Sysmiss		576	

### L37: In the last 3 yrs., establishment has been involved in any labor dispute

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 623 Invalid: Minimum: -9 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	2	0.3%
1	Yes	7	1.1%
2	No	614	98.6%

### L38: Typical number of weeks to resolve labor dispute

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 7 Invalid: 616 Minimum: 1 Maximum: 7  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 7 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
-7	No dispute has been resolved	0	0%
1	One month or less	5	71.4%
2		1	14.3%
7		1	14.3%
Sysmiss		616	

### L39: Cost to resolve labor dispute

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 7 Invalid: 616 Minimum: -9 Maximum: 2000  
 Type: Discrete Decimal: 0 Width: 4 Range: -9 - 2000 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	2	28.6%
0		4	57.1%
2000		1	14.3%
Sysmiss		616	

### L40: In last FY, was establishment visited by health and safety inspectors

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 623 Invalid: Minimum: 1 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Yes	122	19.6%

2	No	501	80.4%
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### L41: Was a report issued for health and safety inspection

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 122 Invalid: 501 Minimum: 1 Maximum: 2  
Type: Discrete Decimal: 0 Width: 2 Range: 1 - 2 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
-5	No inspection has been concluded	0	0%
1	Yes	65	53.3%
2	No	57	46.7%
Sysmiss		501	

### L30A: How Much of An Obstacle: Labor Regulations?

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 623 Invalid: Minimum: 0 Maximum: 4  
Type: Discrete Decimal: 0 Width: 2 Range: 0 - 4 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
-7	Does not apply	0	0%
0	No obstacle	207	33.2%
1	Minor obstacle	121	19.4%
2	Moderate obstacle	145	23.3%
3	Major obstacle	72	11.6%
4	Very severe obstacle	78	12.5%

**L30B: How Much of An Obstacle: Inadequately Educated Workforce?****Data file: Singapore-2023-full-data.dta****Overview**

Valid: 623 Invalid: Minimum: 0 Maximum: 4  
 Type: Discrete Decimal: 0 Width: 2 Range: 0 - 4 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
-7	Does not apply	0	0%
0	No obstacle	234	37.6%
1	Minor obstacle	108	17.3%
2	Moderate obstacle	141	22.6%
3	Major obstacle	86	13.8%
4	Very severe obstacle	54	8.7%

**M1A: Biggest Obstacle Affecting The Operation of This Establishment****Data file: Singapore-2023-full-data.dta****Overview**

Valid: 623 Invalid: Minimum: -7 Maximum: 15  
 Type: Discrete Decimal: 0 Width: 2 Range: -7 - 15 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
-7	Does not apply	29	4.7%
1	Access to finance	16	2.6%
2	Access to land	3	0.5%
3	Business licensing and permits	36	5.8%
4	Corruption	4	0.6%
5	Courts	0	0%
6	Crime, theft and disorder	1	0.2%
7	Customs and trade regulations	35	5.6%
8	Electricity	12	1.9%
9	Inadequately educated workforce	137	22%

10	Labor regulations	244	39.2%
11	Political instability	2	0.3%
12	Practices of competitors in the informal sector	21	3.4%
13	Tax administration	18	2.9%
14	Tax rates	34	5.5%
15	Transport	31	5%

## M1A\_FINANCE\_POS: m1a: Position of Access to Finance

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 623 Invalid: Minimum: 1 Maximum: 15  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 15 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		37	5.9%
2		28	4.5%
3		25	4%
4		42	6.7%
5		32	5.1%
6		37	5.9%
7		50	8%
8		28	4.5%
9		26	4.2%
10		47	7.5%
11		61	9.8%
12		65	10.4%
13		57	9.1%
14		40	6.4%
15		48	7.7%

## M1A\_LAND\_POS: m1a: Position of Access to land

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 623 Invalid: Minimum: 1 Maximum: 15  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 15 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		46	7.4%
2		25	4%
3		39	6.3%
4		33	5.3%
5		29	4.7%
6		38	6.1%
7		31	5%
8		36	5.8%
9		46	7.4%
10		38	6.1%
11		52	8.3%
12		60	9.6%
13		49	7.9%
14		51	8.2%
15		50	8%

### M1A\_PERMIT\_POS: m1a: Position of Business licensing and permits

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 623 Invalid: Minimum: 1 Maximum: 15  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 15 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		59	9.5%
2		43	6.9%
3		34	5.5%
4		32	5.1%
5		34	5.5%
6		24	3.9%
7		36	5.8%
8		30	4.8%

9		36	5.8%
10		32	5.1%
11		65	10.4%
12		63	10.1%
13		50	8%
14		47	7.5%
15		38	6.1%

## M1A\_CORRUPTION\_POS: m1a: Position of corruption

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 623 Invalid: Minimum: 1 Maximum: 15  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 15 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		46	7.4%
2		32	5.1%
3		39	6.3%
4		47	7.5%
5		37	5.9%
6		31	5%
7		41	6.6%
8		36	5.8%
9		29	4.7%
10		34	5.5%
11		57	9.1%
12		56	9%
13		65	10.4%
14		42	6.7%
15		31	5%

## M1A\_COURTS\_POS: m1a: Position of Courts

Data file: Singapore-2023-full-data.dta

## Overview

Valid: 623 Invalid: Minimum: 1 Maximum: 15  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 15 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		46	7.4%
2		31	5%
3		51	8.2%
4		44	7.1%
5		22	3.5%
6		32	5.1%
7		34	5.5%
8		38	6.1%
9		31	5%
10		22	3.5%
11		68	10.9%
12		60	9.6%
13		55	8.8%
14		49	7.9%
15		40	6.4%

## M1A\_CRIME\_POS: m1a: Position of Crime, theft and disorder

Data file: Singapore-2023-full-data.dta

## Overview

Valid: 623 Invalid: Minimum: 1 Maximum: 15  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 15 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		42	6.7%
2		36	5.8%
3		40	6.4%
4		51	8.2%
5		36	5.8%

6		32	5.1%
7		29	4.7%
8		37	5.9%
9		25	4%
10		36	5.8%
11		59	9.5%
12		61	9.8%
13		56	9%
14		54	8.7%
15		29	4.7%

## M1A\_TRADE\_POS: m1a: Position of Customs and trade regulations

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 623 Invalid: Minimum: 1 Maximum: 15

Type: Discrete Decimal: 0 Width: 2 Range: 1 - 15 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		56	9%
2		31	5%
3		33	5.3%
4		39	6.3%
5		40	6.4%
6		45	7.2%
7		20	3.2%
8		33	5.3%
9		37	5.9%
10		42	6.7%
11		65	10.4%
12		58	9.3%
13		35	5.6%
14		40	6.4%
15		49	7.9%

**M1A\_ELECTRICITY\_POS: m1a: Position of Electricity****Data file: Singapore-2023-full-data.dta****Overview**

Valid: 623 Invalid: Minimum: 1 Maximum: 15  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 15 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		27	4.3%
2		41	6.6%
3		30	4.8%
4		31	5%
5		44	7.1%
6		51	8.2%
7		49	7.9%
8		26	4.2%
9		50	8%
10		33	5.3%
11		57	9.1%
12		44	7.1%
13		53	8.5%
14		45	7.2%
15		42	6.7%

**M1A\_WORKFORCE\_POS: m1a: Position of Inadequately educated workforce****Data file: Singapore-2023-full-data.dta****Overview**

Valid: 623 Invalid: Minimum: 1 Maximum: 15  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 15 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		16	2.6%
2		40	6.4%
3		33	5.3%

4		40	6.4%
5		40	6.4%
6		33	5.3%
7		33	5.3%
8		49	7.9%
9		31	5%
10		49	7.9%
11		69	11.1%
12		52	8.3%
13		39	6.3%
14		47	7.5%
15		52	8.3%

## M1A\_LABOR\_POS: m1a: Position of Labor regulations

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 623 Invalid: Minimum: 1 Maximum: 15  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 15 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		13	2.1%
2		34	5.5%
3		35	5.6%
4		31	5%
5		34	5.5%
6		32	5.1%
7		61	9.8%
8		51	8.2%
9		52	8.3%
10		40	6.4%
11		70	11.2%
12		48	7.7%
13		46	7.4%
14		39	6.3%
15		37	5.9%

**M1A\_INSTABILITY\_POS: m1a: Position of Political instability**

Data file: Singapore-2023-full-data.dta

**Overview**

Valid: 623 Invalid: Minimum: 1 Maximum: 15  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 15 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		40	6.4%
2		40	6.4%
3		43	6.9%
4		28	4.5%
5		46	7.4%
6		40	6.4%
7		42	6.7%
8		44	7.1%
9		43	6.9%
10		41	6.6%
12		56	9%
13		59	9.5%
14		54	8.7%
15		47	7.5%

**M1A\_INFORMAL\_POS: m1a: Position of Practices of competitors in the informal sector**

Data file: Singapore-2023-full-data.dta

**Overview**

Valid: 623 Invalid: Minimum: 1 Maximum: 15  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 15 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		47	7.5%
2		52	8.3%

3		49	7.9%
4		36	5.8%
5		52	8.3%
6		44	7.1%
7		40	6.4%
8		46	7.4%
9		35	5.6%
10		56	9%
13		59	9.5%
14		65	10.4%
15		42	6.7%

### M1A\_TAXADMIN\_POS: m1a: Position of Tax administration

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 623 Invalid: Minimum: 1 Maximum: 15  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 15 Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		48	7.7%
2		62	10%
3		41	6.6%
4		57	9.1%
5		48	7.7%
6		51	8.2%
7		51	8.2%
8		48	7.7%
9		54	8.7%
10		52	8.3%
14		50	8%
15		61	9.8%

### M1A\_TAXRATE\_POS: m1a: Position of Tax rates

Data file: Singapore-2023-full-data.dta

**Overview**

Valid: 623 Invalid: Minimum: 1 Maximum: 15  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 15 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		47	7.5%
2		63	10.1%
3		69	11.1%
4		52	8.3%
5		52	8.3%
6		62	10%
7		45	7.2%
8		64	10.3%
9		60	9.6%
10		52	8.3%
15		57	9.1%

**M1A\_TRANSPORT\_POS: m1a: Position of Transport**

Data file: Singapore-2023-full-data.dta

**Overview**

Valid: 623 Invalid: Minimum: 1 Maximum: 10  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 10 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		53	8.5%
2		65	10.4%
3		62	10%
4		60	9.6%
5		77	12.4%
6		71	11.4%
7		61	9.8%
8		57	9.1%
9		68	10.9%

10		49	7.9%
----	--	----	------

## N2A: Total Labor Cost (Incl. Wages, Salaries, Bonuses, Etc) In Last Fiscal Year

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 623 Invalid: Minimum: -9 Maximum: 36000000  
 Type: Discrete Decimal: 0 Width: 8 Range: -9 - 36000000 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	7	100%

## N2A2: Social security payments and employment-based taxes

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 616 Invalid: 7 Minimum: -9 Maximum: 4080000  
 Type: Discrete Decimal: 0 Width: 7 Range: -9 - 4080000 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	51	100%
Sysmiss		7	

## N2B: Total Annual Costs of Electricity In Last Fiscal Year

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 623 Invalid: Minimum: -9 Maximum: 588000  
 Type: Discrete Decimal: 0 Width: 6 Range: -9 - 588000 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	2	100%

**N2K: Total Annual Cost of Water**

Data file: Singapore-2023-full-data.dta

**Overview**

Valid: 623 Invalid: Minimum: -9 Maximum: 288000  
 Type: Discrete Decimal: 0 Width: 6 Range: -9 - 288000 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	100%

**N2L: Total Annual Cost of high-speed, fixed broadband internet**

Data file: Singapore-2023-full-data.dta

**Overview**

Valid: 623 Invalid: Minimum: -9 Maximum: 60000  
 Type: Discrete Decimal: 0 Width: 5 Range: -9 - 60000 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	5	0.8%
-7	Does not apply	4	0.6%
0		10	1.6%
100		2	0.3%
120		2	0.3%
180		1	0.2%
240		2	0.3%
250		1	0.2%
300		3	0.5%
480		7	1.1%
500		1	0.2%
600		26	4.2%
696		1	0.2%
700		1	0.2%
720		13	2.1%

750		1	0.2%
780		1	0.2%
816		1	0.2%
840		7	1.1%
900		1	0.2%
960		21	3.4%
996		1	0.2%
1000		12	1.9%
1056		2	0.3%
1068		1	0.2%
1080		15	2.4%
1096		1	0.2%
1100		1	0.2%
1140		2	0.3%
1176		5	0.8%
1200		135	21.7%
1220		1	0.2%
1236		1	0.2%
1300		5	0.8%
1320		4	0.6%
1368		1	0.2%
1400		12	1.9%
1440		23	3.7%
1500		16	2.6%
1560		5	0.8%
1584		1	0.2%
1600		20	3.2%
1620		1	0.2%
1644		1	0.2%
1680		2	0.3%
1700		2	0.3%
1728		1	0.2%
1800		63	10.1%
1920		2	0.3%
2000		12	1.9%
2004		1	0.2%
2148		1	0.2%
2160		2	0.3%
2200		1	0.2%

2300		1	0.2%
2388		1	0.2%
2400		56	9%
2500		3	0.5%
2600		1	0.2%
2760		1	0.2%
2976		1	0.2%
3000		15	2.4%
3500		1	0.2%
3600		25	4%
3840		1	0.2%
4000		5	0.8%
4200		3	0.5%
4300		1	0.2%
4500		2	0.3%
4800		6	1%
5000		5	0.8%
6000		3	0.5%
6240		1	0.2%
7000		2	0.3%
7200		1	0.2%
8000		3	0.5%
8400		1	0.2%
9000		1	0.2%
9600		2	0.3%
10000		1	0.2%
10200		1	0.2%
14000		1	0.2%
14400		1	0.2%
15000		1	0.2%
18000		2	0.3%
20000		2	0.3%
20400		1	0.2%
24000		2	0.3%
25000		1	0.2%
30000		1	0.2%
36000		1	0.2%
48000		1	0.2%
60000		1	0.2%

**N2E: Cost of Raw Materials And Intermediate Goods Used In Prod. In Last Fiscal Year**

Data file: Singapore-2023-full-data.dta

**Overview**

Valid: 122 Invalid: 501 Minimum: -9 Maximum: 40000000  
 Type: Discrete Decimal: 0 Width: 8 Range: -9 - 40000000 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	3	2.5%
0		1	0.8%
5000		2	1.6%
9000		1	0.8%
10000		2	1.6%
12000		1	0.8%
15000		1	0.8%
20000		5	4.1%
24000		4	3.3%
30000		1	0.8%
35000		1	0.8%
40000		3	2.5%
50000		6	4.9%
52500		1	0.8%
60000		1	0.8%
65000		1	0.8%
69600		1	0.8%
70000		2	1.6%
79500		1	0.8%
80000		3	2.5%
84000		1	0.8%
96000		1	0.8%
100000		9	7.4%
120000		5	4.1%
125000		1	0.8%
170000		1	0.8%
185000		1	0.8%
190000		1	0.8%

200000		5	4.1%
250000		1	0.8%
300000		7	5.7%
350000		3	2.5%
400000		2	1.6%
500000		7	5.7%
539000		1	0.8%
600000		2	1.6%
650000		1	0.8%
700000		3	2.5%
750000		1	0.8%
800000		4	3.3%
900000		2	1.6%
1000000		6	4.9%
1200000		2	1.6%
1400000		1	0.8%
1500000		1	0.8%
1600000		2	1.6%
1750000		1	0.8%
1800000		1	0.8%
2820000		1	0.8%
4000000		1	0.8%
4500000		2	1.6%
5000000		1	0.8%
7000000		1	0.8%
15080000		1	0.8%
40000000		1	0.8%
Sysmiss		501	

## N2I: Total Annual Cost of Finished Goods/Materials Bought To Resell In Last FY

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 46 Invalid: 577 Minimum: -9 Maximum: 5000000  
 Type: Discrete Decimal: 0 Width: 7 Range: -9 - 5000000 Format: Numeric

### Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	11	23.9%
10000		2	4.3%
12000		1	2.2%
20000		2	4.3%
25000		1	2.2%
35000		1	2.2%
40000		1	2.2%
60000		1	2.2%
90000		2	4.3%
100000		2	4.3%
140000		1	2.2%
150000		1	2.2%
200000		2	4.3%
260000		1	2.2%
300000		3	6.5%
340000		1	2.2%
350000		2	4.3%
400000		1	2.2%
500000		2	4.3%
600000		2	4.3%
850000		1	2.2%
860000		1	2.2%
900000		1	2.2%
1000000		1	2.2%
1800000		1	2.2%
5000000		1	2.2%
Sysmiss		577	

## N2A1: Total Labor Cost (Incl. Wages, Salaries, Bonuses, Etc) 2 fiscal years ago

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 122    Invalid: 501    Minimum: -9    Maximum: 10000000  
 Type: Discrete    Decimal: 0    Width: 8    Range: -9 - 10000000    Format: Numeric

### Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	3	2.5%
16000		1	0.8%
48000		1	0.8%
50000		3	2.5%
60000		3	2.5%
75000		1	0.8%
80000		2	1.6%
90000		2	1.6%
95000		1	0.8%
96000		1	0.8%
100000		4	3.3%
104000		1	0.8%
105000		1	0.8%
120000		5	4.1%
144000		1	0.8%
150000		2	1.6%
170000		2	1.6%
180000		1	0.8%
200000		6	4.9%
204000		1	0.8%
211000		1	0.8%
230000		3	2.5%
250000		1	0.8%
280000		4	3.3%
300000		6	4.9%
315000		1	0.8%
320000		1	0.8%
330000		1	0.8%
336000		1	0.8%
350000		2	1.6%
400000		3	2.5%
430000		1	0.8%
450000		2	1.6%
480000		3	2.5%
500000		2	1.6%
600000		5	4.1%
650000		2	1.6%
660000		1	0.8%

680000		1	0.8%
700000		5	4.1%
720000		1	0.8%
750000		1	0.8%
780000		1	0.8%
800000		2	1.6%
820000		1	0.8%
850000		1	0.8%
860000		1	0.8%
962000		1	0.8%
980000		1	0.8%
1000000		7	5.7%
1490000		1	0.8%
1500000		1	0.8%
1600000		2	1.6%
1800000		2	1.6%
2000000		1	0.8%
2100000		1	0.8%
2500000		1	0.8%
2800000		2	1.6%
3350000		1	0.8%
5000000		2	1.6%
5500000		1	0.8%
5750000		1	0.8%
10000000		1	0.8%
Sysmiss		501	

## N2E1: Total Cost of Raw Materials And Intermediate Goods Used In Production

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 122 Invalid: 501 Minimum: -9 Maximum: 40000000  
 Type: Discrete Decimal: 0 Width: 8 Range: -9 - 40000000 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	5	4.1%

-7	Does not apply	0	0%
0		2	1.6%
200		1	0.8%
5000		1	0.8%
8500		1	0.8%
9000		1	0.8%
11000		1	0.8%
15000		1	0.8%
18000		2	1.6%
20000		3	2.5%
24000		2	1.6%
24500		1	0.8%
25000		2	1.6%
26400		1	0.8%
27000		1	0.8%
33000		1	0.8%
37000		1	0.8%
40000		3	2.5%
48000		1	0.8%
50000		4	3.3%
58000		1	0.8%
60000		2	1.6%
65000		1	0.8%
70000		3	2.5%
75000		2	1.6%
80000		3	2.5%
90000		2	1.6%
100000		9	7.4%
120000		4	3.3%
125000		1	0.8%
150000		2	1.6%
170000		1	0.8%
180000		1	0.8%
200000		4	3.3%
240000		1	0.8%
250000		4	3.3%
262500		1	0.8%
280000		2	1.6%
300000		4	3.3%

350000		1	0.8%
400000		4	3.3%
420000		1	0.8%
450000		1	0.8%
480000		1	0.8%
500000		3	2.5%
600000		2	1.6%
700000		1	0.8%
750000		2	1.6%
800000		4	3.3%
900000		1	0.8%
960000		1	0.8%
1000000		5	4.1%
1200000		1	0.8%
1400000		1	0.8%
1500000		1	0.8%
1600000		1	0.8%
1750000		1	0.8%
2160000		1	0.8%
3600000		1	0.8%
4500000		2	1.6%
7000000		1	0.8%
13000000		1	0.8%
40000000		1	0.8%
Sysmiss		501	

## N7A: Cost For Establishment To Re-Purchase All of Its Machinery

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 122    Invalid: 501    Minimum: -9    Maximum: 20000000  
 Type: Discrete    Decimal: 0    Width: 8    Range: -9 - 20000000    Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	6	4.9%
0		2	1.6%

300		1	0.8%
1000		1	0.8%
4000		2	1.6%
5000		4	3.3%
6000		1	0.8%
10000		6	4.9%
15000		1	0.8%
20000		2	1.6%
25000		1	0.8%
30000		5	4.1%
35000		1	0.8%
40000		7	5.7%
45000		2	1.6%
46000		1	0.8%
50000		7	5.7%
52000		1	0.8%
57000		1	0.8%
60000		3	2.5%
65000		1	0.8%
80000		2	1.6%
90000		4	3.3%
100000		6	4.9%
120000		1	0.8%
130000		1	0.8%
140000		1	0.8%
150000		3	2.5%
200000		9	7.4%
250000		3	2.5%
260000		1	0.8%
300000		8	6.6%
350000		1	0.8%
400000		1	0.8%
450000		1	0.8%
500000		2	1.6%
560000		1	0.8%
800000		3	2.5%
1000000		7	5.7%
1200000		2	1.6%
2000000		1	0.8%

2500000		1	0.8%
5000000		3	2.5%
6000000		1	0.8%
15000000		1	0.8%
20000000		2	1.6%
Sysmiss		501	

## N11: Effective income-based tax rate

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 623 Invalid: Minimum: -9 Maximum: 40

Type: Discrete Decimal: 0 Width: 2 Range: -9 - 40 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	13	2.1%
-8	Refusal (spontaneous)	86	13.8%
0		7	1.1%
2		2	0.3%
3		1	0.2%
4		2	0.3%
5		16	2.6%
6		2	0.3%
7		4	0.6%
8		28	4.5%
9		4	0.6%
10		63	10.1%
11		1	0.2%
12		28	4.5%
13		23	3.7%
14		1	0.2%
15		40	6.4%
16		1	0.2%
17		267	42.9%
18		5	0.8%
20		22	3.5%

22		1	0.2%
30		2	0.3%
35		1	0.2%
40		3	0.5%

## N12: Effective consumption tax rate

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 623 Invalid: Minimum: -9 Maximum: 20  
Type: Discrete Decimal: 0 Width: 2 Range: -9 - 20 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	20	3.2%
-8	Refusal (spontaneous)	85	13.6%
0		13	2.1%
3		1	0.2%
4		2	0.3%
5		19	3%
6		2	0.3%
7		216	34.7%
8		245	39.3%
10		16	2.6%
20		4	0.6%

## A15D: Day

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 623 Invalid: Minimum: 1 Maximum: 31  
Type: Discrete Decimal: 0 Width: 2 Range: 1 - 31 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		18	2.9%

2		13	2.1%
3		11	1.8%
4		15	2.4%
5		7	1.1%
6		9	1.4%
7		16	2.6%
8		14	2.2%
10		10	1.6%
11		28	4.5%
12		17	2.7%
13		15	2.4%
14		21	3.4%
15		19	3%
16		19	3%
17		29	4.7%
18		39	6.3%
19		28	4.5%
20		19	3%
21		33	5.3%
22		26	4.2%
23		24	3.9%
24		18	2.9%
25		24	3.9%
26		12	1.9%
27		21	3.4%
28		35	5.6%
29		28	4.5%
30		36	5.8%
31		19	3%

## A15M: Month

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 623 Invalid: Minimum: 5 Maximum: 10  
 Type: Discrete Decimal: 0 Width: 2 Range: 5 - 10 Format: Numeric

### Questions and instructions

Value	Category	Cases	
5		19	3%
6		48	7.7%
7		5	0.8%
8		290	46.5%
9		211	33.9%
10		50	8%

## A15Y: Year

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 623 Invalid: Minimum: 2023 Maximum: 2023  
 Type: Discrete Decimal: 0 Width: 4 Range: 2023 - 2023 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
2023		623	100%

## A15H: Hour

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 623 Invalid: Minimum: 8 Maximum: 23  
 Type: Discrete Decimal: 0 Width: 2 Range: 8 - 23 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
8		2	0.3%
9		9	1.4%
10		33	5.3%
11		52	8.3%
12		59	9.5%
13		67	10.8%
14		56	9%
15		78	12.5%

16		75	12%
17		80	12.8%
18		62	10%
19		35	5.6%
20		10	1.6%
21		2	0.3%
22		2	0.3%
23		1	0.2%

## A15MIN: Minutes

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 623 Invalid: Minimum: 0 Maximum: 59  
Type: Continuous Decimal: 0 Width: 2 Range: 0 - 59 Format: Numeric

## A16: Perception of The Questions Regarding Opinions And Perceptions

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 623 Invalid: Minimum: 1 Maximum: 2  
Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	Truthful	461	74%
2	Somewhat truthful	162	26%
3	Not truthful	0	0%

## A17: Responses To The Questions About Figures Areâ€¦

Data file: Singapore-2023-full-data.dta

### Overview

Valid: 623 Invalid: Minimum: 1 Maximum: 4  
Type: Discrete Decimal: 0 Width: 1 Range: 1 - 4 Format: Numeric

### Questions and instructions

## CATEGORIES

Value	Category	Cases	
1	Are taken directly from establishment records	75	12%
2	Are estimates computed with some precision	535	85.9%
3	Are arbitrary and unreliable numbers	1	0.2%
4	Are in some case taken from books and in some case estimates	12	1.9%

### A18: This Questionnaire Was Completed In:

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 623 Invalid: Minimum: 1 Maximum: 3  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 3 Format: Numeric

#### Questions and instructions

## CATEGORIES

Value	Category	Cases	
1	One visit in face-to-face interview with one person	400	64.2%
2	One visit in face-to-face interview with different managers/staff	90	14.4%
3	Several visits	133	21.3%

### A19H: If Option 2 or 3 In A.18, Estimate Duration of The Whole Interview: Hours

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 223 Invalid: 400 Minimum: 0 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 2 Format: Numeric

#### Questions and instructions

## CATEGORIES

Value	Category	Cases	
0		72	32.3%
1		141	63.2%
2		10	4.5%
Sysmiss		400	

**A19M: If Option 2 or 3 In A.18, Estimate Duration of The Whole Interview: Minutes****Data file: Singapore-2023-full-data.dta****Overview**

Valid: 223    Invalid: 400    Minimum: 0    Maximum: 55  
 Type: Discrete    Decimal: 0    Width: 2    Range: 0 - 55    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		9	4%
1		5	2.2%
2		2	0.9%
3		2	0.9%
4		1	0.4%
5		15	6.7%
6		2	0.9%
7		1	0.4%
8		1	0.4%
10		26	11.7%
15		34	15.2%
20		33	14.8%
25		2	0.9%
30		15	6.7%
35		1	0.4%
40		7	3.1%
45		26	11.7%
48		1	0.4%
50		17	7.6%
55		23	10.3%
Sysmiss		400	

**A13: Supervisor Number****Data file: Singapore-2023-full-data.dta****Overview**

Valid: 623    Invalid:    Minimum: 1    Maximum: 2  
 Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 2    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		475	76.2%
2		148	23.8%

### A3B: official Capital City?

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 623 Invalid: Minimum: 1 Maximum: 1  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 1 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	Yes	623	100%
2	No	0	0%

### A3C: Main Business City?

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 623 Invalid: Minimum: 1 Maximum: 1  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 1 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	Yes	623	100%
2	No	0	0%

### A3: Size of Locality

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 623 Invalid: Minimum: 2 Maximum: 2

Type: Discrete    Decimal: 0    Width: 1    Range: 2 - 2    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
2	City with population over 1 million	623	100%
3	Over 250.000 to 1 million	0	0%
4	50.000 to 250.000	0	0%
5	Less than 50.000	0	0%

### D1A2\_V4: Main Product/Service ISIC (Rev. 4) Code

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 623    Invalid:    Minimum: 1010    Maximum: 9529  
 Type: Continuous    Decimal: 0    Width: 4    Range: 1010 - 9529    Format: Numeric

### STRATIFICATIONREGIONCODE: stratification region code

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 623    Invalid:    Minimum: 1    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 1    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	Singapore	623	100%

### STRATIFICATIONSIZECODE: stratification size code

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 623    Invalid:    Minimum: 1    Maximum: 3  
 Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 3    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	Small (5-19)	274	44%
2	Medium (20-99)	243	39%
3	Large (100 or more)	106	17%

### STRATIFICATIONSECTORCODE: stratification sector code

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 623 Invalid: Minimum: 1 Maximum: 5  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 5 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1	Manufacturing	122	19.6%
2	Construction	128	20.5%
3	Wholesale	101	16.2%
4	Professional Activities	101	16.2%
5	Other Services	171	27.4%

### STRATIFICATIONPANELCODE: panel code

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 623 Invalid: Minimum: 0  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0	Fresh	623	100%
1	Panel	0	0%

### WSTRICT: Weight according to strict eligibility

Data file: Singapore-2023-full-data.dta

**Overview**

Valid: 623 Invalid: Minimum: 18.6675510406494 Maximum: 199.679016113281  
 Type: Discrete Decimal: 2 Width: 16 Range: 18.6675510406494 - 199.679016113281 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
18.6675510406494		47	7.5%
33.4980812072754		13	2.1%
34.5124778747559		26	4.2%
43.3052597045898		40	6.4%
49.5735359191895		41	6.6%
50.0116119384766		14	2.2%
56.2235488891602		6	1%
66.4923858642578		48	7.7%
79.1927108764648		50	8%
92.5554046630859		64	10.3%
94.0735397338867		60	9.6%
106.055320739746		48	7.7%
120.123908996582		54	8.7%
162.809280395508		81	13%
199.679016113281		31	5%

**WMEDIAN: Weight according to median eligibility**

Data file: Singapore-2023-full-data.dta

**Overview**

Valid: 623 Invalid: Minimum: 18.9062118530273 Maximum: 211.168197631836  
 Type: Discrete Decimal: 2 Width: 16 Range: 18.9062118530273 - 211.168197631836 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
18.9062118530273		47	7.5%
33.1861305236816		13	2.1%
34.1986961364746		26	4.2%
44.7849731445312		40	6.4%
50.337287902832		14	2.2%

52.0595321655273		41	6.6%
56.560546875		6	1%
69.8627853393555		48	7.7%
83.7254333496094		50	8%
95.7392883300781		64	10.3%
98.8701858520508		60	9.6%
109.71044921875		48	7.7%
126.183837890625		54	8.7%
168.457946777344		81	13%
211.168197631836		31	5%

### WWEAK: Weight according to weak eligibility

Data file: Singapore-2023-full-data.dta

#### Overview

Valid: 623 Invalid: Minimum: 18.8891181945801 Maximum: 213.087600708008

Type: Discrete Decimal: 2 Width: 16 Range: 18.8891181945801 - 213.087600708008 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
18.8891181945801		47	7.5%
33.1618385314941		13	2.1%
34.2050743103027		26	4.2%
44.9980316162109		40	6.4%
50.3440856933594		14	2.2%
52.4230918884277		41	6.6%
56.6443748474121		6	1%
70.2560501098633		48	7.7%
84.109245300293		50	8%
96.2831573486328		64	10.3%
99.8726272583008		60	9.6%
110.726745605469		48	7.7%
127.634880065918		54	8.7%
170.174667358398		81	13%
213.087600708008		31	5%

**STRATA: see notes****Data file: Singapore-2023-full-data.dta****Overview**

Valid: 623    Invalid:    Minimum: 1    Maximum: 15  
 Type: Discrete    Decimal: 0    Width: 2    Range: 1 - 15    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		60	9.6%
2		31	5%
3		54	8.7%
4		48	7.7%
5		81	13%
6		48	7.7%
7		50	8%
8		41	6.6%
9		40	6.4%
10		64	10.3%
11		14	2.2%
12		47	7.5%
13		6	1%
14		13	2.1%
15		26	4.2%

# study\_resources

## questionnaires

### Singapore World Bank Enterprise Survey 2023, Questionnaire

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title Singapore World Bank Enterprise Survey 2023, Questionnaire  
authors The World Bank Group  
country Singapore  
language English  
filename ES\_B-READY\_2023\_Questionnaire.pdf

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## technical\_documents

### The Singapore 2023 World Bank Enterprise Survey, Implementation Report

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title The Singapore 2023 World Bank Enterprise Survey, Implementation Report  
authors The World Bank Group  
country Singapore  
language English  
filename Singapore\_2023\_ES\_Implementation\_Report.pdf

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