

# Informal Sector Enterprise Survey 2022

**World Bank Group (WBG)**

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## Identification

### SURVEY ID NUMBER

SDN\_2022\_ISES\_v01\_M

### TITLE

Informal Sector Enterprise Survey 2022

### ABBREVIATION OR ACRONYM

ISES 2022

### COUNTRY

Name	Country code
Sudan	SDN

### STUDY TYPE

Enterprise Survey [en/oth]

### SERIES INFORMATION

The Informal Sector Enterprise Surveys are products of the Enterprise Analysis Unit that measures the characteristics and activities of unregistered businesses. These informal businesses are everywhere in the world, though they are almost always missing from official records, listings of active businesses, or business-level surveys. The Informal Sector Enterprise Surveys are rigorous surveys that use an adaptive, geographically based sampling method to fill this data gap.

### ABSTRACT

The 2022 Sudan Informal Sector Enterprise Survey was conducted by the World Bank Group's (WBG) Enterprise Analysis Unit (DECEA) in several cities in Sudan. The survey covers the following areas: Khartoum, Omdurman, and Port Sudan. The fieldwork was implemented by Ipsos Kenya and Consulat Market Research, and the data was collected between March 2022 and January 2023.

The primary objectives of the Informal Sector Enterprise Surveys are to: i) understand demographics of the informal sector in the covered cities, ii) describe the environment within which these businesses operate, and iii) enable data analysis based on the samples that are representative at each city level.

### KIND OF DATA

Sample survey data [ssd]

### UNIT OF ANALYSIS

- Informal business

## Scope

### NOTES

The 2022 Sudan Informal Sector Enterprise Survey covered the following topics:

- General information of a business
- Location and infrastructure
- Sales and supplies
- Business practices
- Finance
- Labor
- Registration
- Assets

## Coverage

### GEOGRAPHIC COVERAGE

Several cities in Sudan: Khartoum, Omdurman, and Port Sudan.

#### UNIVERSE

The Informal Sector Enterprise Surveys cover all informal businesses within a well-defined geographic area, typically a city. All eligible businesses are considered as forming the universe of inference for the survey. Informality is defined as all businesses that are not legally registered with the government and, therefore, are excluded from taxation. The exact details of these criteria vary by country. For the 2022 Informal Sector Enterprise Surveys in cities in Sudan, a business is considered informal if it is not registered with the Commercial Registrar. Thus, the universe of the survey includes all businesses that meet the above definition of informality, including all sectors of activity of any size. The universe excludes, however, any illicit or illegal activity.

## Producers and sponsors

#### PRIMARY INVESTIGATORS

Name
World Bank Group (WBG)

#### FUNDING AGENCY/SPONSOR

Name	Abbreviation
World Bank Group	WBG

## Sampling

#### SAMPLING PROCEDURE

A challenge to conducting a representative survey of informal sector businesses is the lack of a proper sampling frame since these businesses are not registered and, therefore, they are almost always absent from official registries or any other potential sampling frame. The Informal Sector Enterprise Surveys follow an area-based sampling methodology. Each city is overlaid with a spatial grid, dividing the area into squares of equal size. In the case of the 2022 Informal Sector Enterprise Surveys in cities in Sudan these squares measured 150 meters by 150 meters. This spatial grid is prepared using a GIS software. Often, the boundaries of the city match a set of administrative boundaries.

Note: Detailed sampling methodology can be found on the Enterprise Surveys website under the Informal Businesses section, Methodology page (<https://www.enterprisesurveys.org/en/informal-businesses/methodology>).

#### WEIGHTING

To estimate population parameters, weights are applied to survey samples. In survey designs following standard SRS, the selection probability of all units is known before the actual data collection. Hence, weights can be derived as the inverse of the probability of selection. A similar process is followed for ACS, with the probability of selection (within stratum) adjusted to account for the adaptive selection process.

Note: Refer to Sampling Weight section in "The Informal Sector Enterprise Surveys in Cities in Sudan, 2022" document for further details on sampling weights.

## Data collection

#### DATES OF DATA COLLECTION

Start	End
2022-03	2023-01

#### DATA COLLECTION MODE

Computer Assisted Personal Interview [capi]

#### DATA COLLECTION NOTES

This survey was fully implemented using the World Bank's Survey Solutions CAPI software. The selection for interviews was conducted in the field and in real time, via a random algorithm programmed in the CAPI so that enumerators do not have control over who gets selected. A detailed monitoring protocol was put in place during the data collection to ensure the integrity of the fieldwork and methodology. In addition to supervision through assigned supervisors, every enumerator records his/her path using a tracking software (Oruxmaps) installed on all CAPI tablets. Enumerators submit captured paths to a centralized server at the end of the enumeration of every block. This tracking path is checked to ensure that enumerators have fully covered the block assigned to them. This quality check was done at high frequency. In cases where the tracking path indicated a lower than acceptable level of effort in listing informal business, the enumerator was asked to re-survey the block.

## Access policy

### CONTACTS

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

### CITATION REQUIREMENTS

The use of this dataset must be acknowledged using a citation which would include:

- the identification of the Primary Investigator (including country name)
- the full title of the survey and its acronym (when available), and the year(s) of implementation
- the survey reference number
- the source and date of download (for datasets disseminated online).

Example:

The World Bank Group. Sudan - Informal Sector Enterprise Survey (ISES) 2022, Ref. SDN\_2022\_ISES\_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\_SDN\_2022\_ISES\_v01\_M\_WB

### PRODUCERS

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

### DATE OF METADATA PRODUCTION

2025-02-03

### DDI DOCUMENT VERSION

Version 01 (February 2025)

**data\_dictionary**

<b>Data file</b>	<b>Cases</b>	<b>variables</b>
<b>Sudan-2022-ISES-full-data.dta</b> Sudan 2022 Informal Sector Enterprise Survey data	1410	166



**Data file: Sudan-2022-ISES-full-data.dta**

Sudan 2022 Informal Sector Enterprise Survey data

Cases: 1410

variables: 166

**variables**

ID	Name	Label	Question
V2	idstd	WEB STD FIRMID	
V3	id	Firm ID	
V4	id_square	Square ID	
V5	id_cluster	ID of Cluster of Squares	
V6	status	Status of Interview	
V7	city	Name of city	
V8	a14d	Day	
V9	a14m	Month	
V10	a14y	Year	
V11	a14h	Hour	
V12	a14min	Minutes	
V13	a1	Country Code	
V14	a1a	Interview Language	
V15	a41a	Type of activity	
V16	a4m	Main Business: Manufacturing	
V17	a4r	Main Business: Retail	
V18	a4s	Main Business: Services	
V19	a4x	Other (Specify)	
V20	sc0	Willing to Participate in the Survey	
V21	sc2	Num. of People Who Worked Last Month	
V22	sc3a	Registered with the Commercial Registrar?	
V23	cf1	Consent for personal data	
V24	s1x	Name of Business	
V25	b0	Respondent Is the Main Owner of this Business or activity	
V26	b1	Num. of Owners in this Business	
V27	b2	Num. of Female Owners	
V28	b2a	The Owner Is Female	
V29	b3	Year this Business or activity originally Started	
V30	COVb3a	Month business started	
V31	b4	Did You or Largest Owner Start this Business or activity?	
V32	b6a	Reason Started: Convenience of Location or Hours	
V33	b6b	Reason Started: Opportunity to Start and Develop a Profitable Business	
V34	b6c	Reason Started: to Have Secondary Source of income	
V35	b6d	Reason Started: Unable to Find another Source of income	
V36	b8	Main Source of Money to Start or acquire this Business or activity	
V37	b8a	Occupation Prior to this Business or activity	
V38	b9	Age of Main Owner	

ID	Name	Label	Question
V39	b10	Owner Years of Experience	
V40	SDNb11	Owner Highest Level of Completed Education	
V41	b12	Num. of Years Lived in this City	
V42	b13a	B.13a. Name of city, town, province or country %owner% lived in before moving t	
V43	b13ax	Name of city, town, province, or country before moving to this city	
V44	b14	Num. of Household Members of the Owner	
V45	b15	Num of Household Members Less Than 6 Years Old	
V46	b16	Owner the Primary income Earner of the Household	
V47	b17	Owner Currently Have a Job with Either a Temporary or Permanent Contract	
V48	b18	Owner Had a Job with Temporary or Permanent Contract	
V49	b19	Year Main Owner Had Job with Temporary or Permanent Contract	
V50	b20	Actively Look for a Job with a Temporary or Permanent Contract	
V51	b21	Did Owner Get the Job	
V52	b22	Num. of Household Members with Job with a Temporary or Permanent Contract?	
V53	b23	Household Members Ever Had a Job with a Temporary or Permanent Contract	
V54	b24	Years Household Members Had a Job with a Temporary or Permanent Contract	
V55	ir4	This Business or activity Keep Written Business Records	
V56	k3	Accounts of the Business Kept Separately from the Household Expenses	
V57	c1a	Type of Premises	
V58	c1a1	Reason Located within HH: Costs Less to Run a Business from Home	
V59	c1a2	Reason Located within HH: Easier to Manage Family Responsibilities	
V60	c1a3	Reason Located within HH: No Benefit to Working Outside the Household Premises	
V61	c1a4a	Reason Located within HH: Safer and Secure	
V62	c1a5	Reason Located within HH: Minimizes Chance of Being Identified by Tax auth.	
V63	c3	Main Reason for the Choice of Location for Business	
V64	c4	You or Largest Owner Own the Location Occupied by the Business or activity	
V65	c5	Business or activity Pays any Rent for the Location It Occupies	
V66	c31	Business or activity Requires Electricity to Produce Goods or Provide Services	
V67	c31a	Business or activity Connected to the Electricity Grid	
V68	c31b	Business or activity Pays for Electricity	
V69	c32	Last Month, Business or activity Experienced Power Outage	
V70	c38	Business or activity Uses Water for Its activity	
V71	c39	Last Month, Business or activity Experienced insufficient Water Supply	
V72	c42a	Uses Computers or Tablets	
V73	c42c	Uses Cellphone or Smartphone	
V74	COVir1a	In Response to COVID: Changed Business Location	
V75	COVir1b	In Response to COVID: Changed Products Sold or Services Rendered	
V76	COVir1c	In Response to COVID: adapted No-contact Sales Method	
V77	d4	Total Sales: Last Month	
V78	COVd1a	Since COVID Outbreak, total Sales in Regular Month	
V79	d6	Total Sales: Regular Month	
V80	d7	Total Sales: Slowest Month	
V81	d8	Total Sales: Busiest month	



ID	Name	Label	Question
V82	d9	Months of Operation Per Year	
V83	d10	Hours of Normal Operation	
V84	d11a	Business Produces goods or Provides Services Under Contract or agreement	
V85	d13a	Business Purchases inputs or Supplies from Suppliers Under Contract or agreement	
V86	ir1a	Visited Competitors to See What Products They Have available for Sale	
V87	ir1b	Asked Customers Whether to Sell or Produce any Other Products	
V88	ir1c	Talked with former Customers to Find Out Why They Have Stopped Buying	
V89	ir1d	Used any Special offer to attract Customers	
V90	ir1e	Asked Suppliers Which Products are Selling Well	
V91	ir2	Attempted to Negotiate with Supplier for a Lower Price	
V92	ir3	Frequency of Running Out of Stock of inventories or Raw Materials	
V93	ir6	Has a Written Budget for Monthly Costs	
V94	ir7	Has a Target for Sales Over the Next Year	
V95	ir8	Frequency this Business or activity Compares actual Sales to Target	
V96	ir9	Made a Budget of the Costs for Next Year	
V97	ir10	Prepares a Profit and Loss State at Least once a Year	
V98	k4b	Financial Source for Day-to-Day Operations: Moneylenders	
V99	k4c	Financial Source for Day-to-Day Operations: Microfin. inst./Non-bank Fin. Comp.	
V100	k4d	Financial Source for Day-to-Day Operations: Banks	
V101	k4e	Financial Source for Day-to-Day Operations: Friends or Relatives	
V102	k3b	Bought inputs on Credit or Received advances from Customers	
V103	k3c	Receive Advances from customers	
V104	k5	Sold Goods or Services on Credit	
V105	k6	Bought any Machinery or Equipment, Vehicles or Other Means of Transport	
V106	k8b	Purch. Machinery/Equip./Veh./Transp. Using: Moneylenders	
V107	k8c	Purch. Machinery/Equip./Veh./Transp. Using: Microfin. inst./Non-bank Fin. Comp.	
V108	k8d	Purch. Machinery/Equip./Veh./Transp. Using: Banks	
V109	k8e	Purch. Machinery/Equip./Veh./Transp. Using: Friends or Relatives	
V110	k10	Have a Bank account to Run this Business	
V111	k11	Use a Separate Bank account for the Household	
V112	k11a	Uses Digital Money	
V113	k11b	Uses Digital Money to Pay Suppliers	
V114	k11c	Uses Digital Money to Save	
V115	k11d	Uses Digital Money to Pay Utility Bills	
V116	k11e	Uses Digital Money to Receive Payments from Customers	
V117	k11f	Uses Digital Money to Pay Loans	
V118	k11g	Uses Digital Money Pay Workers, including Family Members	
V119	k12	Has a Loan for the Business	
V120	k13	Source of the Most Recently Obtained Loan	
V121	k16	Financing the Most Recent Loan Required a Guarantee	
V122	k17	Applied for any Loans in the Last Year	
V123	k18	Main Reason Why this Business Did Not apply for Loan	
V124	COVK1	Received national/local gov. support in Response to COVID-19 Outbreak?	

ID	Name	Label	Question
V125	l1a	Num. of People Who Worked Last Month: Paid	
V126	l1b	Num. of People Who Worked Last Month: Unpaid	
V127	SDNI1a	Num. of People Who Worked Last Month: Full Time	
V128	SDNI1b	Num. of People Who Worked Last Month: Part Time	
V129	l2	Num. of People Who Worked Last Month: Family Members of Owner	
V130	l6	Num. of Female Workers in the Last Month	
V131	l3	Num. of People Who Worked in a Regular Month	
V132	l4	Num. of People Who Worked in a Month with Highest Number of People Working	
V133	l5	Num. of People Who Worked in a Month with Lowest Number of People Working	
V134	COVI1a	Since COVID Outbreak, in a Regular Month, Change in Number of Workers	
V135	COVI1b	Since COVID Outbreak, in a Regular Month, Num. Workers that are Owner's Family	
V136	l7a	Num. of People with the Skill: Can Read	
V137	l7b	Num. of People with the Skill: Can Write	
V138	l7c	Num. of People with the Skill: Can use a computer	
V139	r13	Owner aware of registration with Commercial Registrar?	
V140	r2a	Reason not registered: Cost and time	
V141	r2f	Reason not registered: Lack information about where and how to register	
V142	r2e	Reason not registered: No benefit to being registered	
V143	r2b	Reason not registered: Taxes That Need to Be Paid If Registered	
V144	r2c	Reason not registered: inspections and Meetings with Govt officials	
V145	r2d	Reason not registered: informal Payments if Registered	
V146	r6a	Benefit If Registered: Better access to Financing or Loans	
V147	r6b	Benefit of Registered: access to Raw Mat., infrastr. and Govt Services	
V148	r6c	Benefit If Registered: Less Bribes to Pay	
V149	r6d	Benefit If Registered: Better access to Potential Customers	
V150	r10	How Prices Compare to Similar products / services of Registered Businesses	
V151	r5	Have to Give Gifts, informal Payments or Bribes to Remain in Business	
V152	n2a	Total Cost of Labor in the Last Month	
V153	n2c	Total Cost of Electricity in the Last Month	
V154	n3	Business or activity Uses any Machinery or Equipment	
V155	n4	Business or activity Uses Vehicles	
V156	n7	Profitability of the Business in the Last Month	
V157	n7a	Net Profits/ Losses in the Last Month	
V158	a15d	Day	
V159	a15m	Month	
V160	a15h	Hour	
V161	a15min	Minutes	
V162	wweak	Interview Weight According to Weak Eligibility (including all refusals)	
V163	wmedian	Interview Weight According to Median Eligibility (including refusals that don't	
V164	wstrict	Interview Weight According to Strict Eligibility (only confirmed informal busine	
V165	stratificationregioncode	Stratification Region Code	
V166	stratificationprobabilitycode	Stratification Probability Code	
V167	strata	Strata	

total: 166



**A14Y: Year****Data file: Sudan-2022-ISES-full-data.dta****Overview**

Valid: 1410   Invalid:   Minimum: 2022   Maximum: 2023  
 Type: Discrete   Decimal: 0   Width: 4   Range: 2022 - 2023   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
2022		1287	91.3%
2023		123	8.7%

**A14H: Hour****Data file: Sudan-2022-ISES-full-data.dta****Overview**

Valid: 1410   Invalid:   Minimum: 1   Maximum: 23  
 Type: Discrete   Decimal: 0   Width: 2   Range: 1 - 23   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		1	0.1%
2		1	0.1%
6		1	0.1%
7		17	1.2%
8		53	3.8%
9		114	8.1%
10		170	12.1%
11		177	12.6%
12		166	11.8%
13		164	11.6%
14		161	11.4%
15		126	8.9%
16		101	7.2%
17		69	4.9%
18		42	3%
19		24	1.7%

20		9	0.6%
21		8	0.6%
22		4	0.3%
23		2	0.1%

## IDSTD: WEB STD FIRMID

Data file: Sudan-2022-ISES-full-data.dta

### Overview

Valid: 1410 Invalid: Minimum: 1079009 Maximum: 1145401  
 Type: Continuous Decimal: 0 Width: 7 Range: 1079009 - 1145401 Format: Numeric

## ID: Firm ID

Data file: Sudan-2022-ISES-full-data.dta

### Overview

Valid: 1410 Invalid: Minimum: 2 Maximum: 69340  
 Type: Continuous Decimal: 0 Width: 5 Range: 2 - 69340 Format: Numeric

## ID\_SQUARE: Square ID

Data file: Sudan-2022-ISES-full-data.dta

### Overview

Valid: 1410 Invalid: Minimum: 1002001 Maximum: 3069001  
 Type: Continuous Decimal: 0 Width: 7 Range: 1002001 - 3069001 Format: Numeric

## ID\_CLUSTER: ID of Cluster of Squares

Data file: Sudan-2022-ISES-full-data.dta

### Overview

Valid: 1410 Invalid: Minimum: 1002 Maximum: 3069  
 Type: Continuous Decimal: 0 Width: 4 Range: 1002 - 3069 Format: Numeric

## STATUS: Status of Interview

Data file: Sudan-2022-ISES-full-data.dta

### Overview

Valid: 1410 Invalid: Minimum: 1 Maximum: 1  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 1 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	Interview with Informal Business	1410	100%
2	Listed Informal Interview	0	0%
3	Listed Formal Business	0	0%
4	Refusal	0	0%

### CITY: Name of city

Data file: Sudan-2022-ISES-full-data.dta

### Overview

Valid: 1410 Invalid: Minimum: 1 Maximum: 3  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 3 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	Khartoum	543	38.5%
2	Omdurman	544	38.6%
3	Port Sudan	323	22.9%
4	Wad Madani	0	0%

### A14D: Day

Data file: Sudan-2022-ISES-full-data.dta

### Overview

Valid: 1410 Invalid: Minimum: 1 Maximum: 31  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 31 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		36	2.6%
2		22	1.6%
3		19	1.3%
4		14	1%

5		55	3.9%
6		31	2.2%
7		39	2.8%
8		26	1.8%
9		51	3.6%
10		57	4%
11		37	2.6%
12		38	2.7%
13		12	0.9%
14		28	2%
15		45	3.2%
16		35	2.5%
17		62	4.4%
18		60	4.3%
19		75	5.3%
20		85	6%
21		72	5.1%
22		23	1.6%
23		52	3.7%
24		42	3%
25		61	4.3%
26		93	6.6%
27		50	3.5%
28		58	4.1%
29		27	1.9%
30		64	4.5%
31		41	2.9%

## A14M: Month

Data file: Sudan-2022-ISES-full-data.dta

### Overview

Valid: 1410   Invalid:   Minimum: 1   Maximum: 12  
 Type: Discrete   Decimal: 0   Width: 2   Range: 1 - 12   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
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1	January	123	8.7%
2	February	0	0%
3	March	377	26.7%
4	April	7	0.5%
5	May	139	9.9%
6	June	280	19.9%
7	July	170	12.1%
8	August	153	10.9%
9	September	65	4.6%
10	October	3	0.2%
11	November	25	1.8%
12	December	68	4.8%

## A14MIN: Minutes

Data file: Sudan-2022-ISES-full-data.dta

### Overview

Valid: 1410 Invalid: Minimum: 0 Maximum: 59  
 Type: Continuous Decimal: 0 Width: 2 Range: 0 - 59 Format: Numeric

## A1: Country Code

Data file: Sudan-2022-ISES-full-data.dta

### Overview

Valid: 1410 Invalid: Minimum: 155 Maximum: 155  
 Type: Discrete Decimal: 0 Width: 3 Range: 155 - 155 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
155	Sudan	1410	100%

## A1A: Interview Language

Data file: Sudan-2022-ISES-full-data.dta

### Overview

Valid: 1410 Invalid:  
 Type: Discrete Width: 6 Range: - Format: character

**A41A: Type of activity****Data file: Sudan-2022-ISES-full-data.dta****Overview**

Valid: 1410    Invalid:    Minimum: 1    Maximum: 3  
 Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 3    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	Making goods (Manufacturing)	300	21.3%
2	Re-selling goods (Services)	858	60.9%
3	Provision of services	252	17.9%

**A4M: Main Business: Manufacturing****Data file: Sudan-2022-ISES-full-data.dta****Overview**

Valid: 300    Invalid: 1110    Minimum: 1    Maximum: 14  
 Type: Discrete    Decimal: 0    Width: 2    Range: 1 - 14    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	Manufacturing of clothes or shoes	14	4.7%
2	Manufacturing of food (including bakers)	64	21.3%
3	Manufacturing of coffee, sugar, oil, dry fruits and other processed foods (exclude restaurants, street food-sellers)	155	51.7%
4	Manufacturing of handcrafts	21	7%
5	Manufacturing of furniture	12	4%
6	Manufacturing of metal products	8	2.7%
7	Manufacturing of household items	2	0.7%
8	Manufacturing of tools and instruments	2	0.7%
14	Other manufacturing	22	7.3%
Sysmiss		1110	

**A4R: Main Business: Retail****Data file: Sudan-2022-ISES-full-data.dta****Overview**

Valid: 858    Invalid: 552    Minimum: 16    Maximum: 154  
 Type: Discrete    Decimal: 0    Width: 3    Range: 16 - 154    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
16	Selling of clothes or household items	99	11.5%
17	Selling of business/computer/phone services	38	4.4%
18	Selling of other goods	182	21.2%
151	Selling of agricultural products	107	12.5%
152	Selling of raw meat and animal products	15	1.7%
153	Selling of food products for immediate consumption (street food seller, restaurants, catering, tea stall, juice center)	279	32.5%
154	Reselling of finished food products or groceries	138	16.1%
Sysmiss		552	

**A4S: Main Business: Services****Data file: Sudan-2022-ISES-full-data.dta****Overview**

Valid: 252    Invalid: 1158    Minimum: 19    Maximum: 233  
 Type: Discrete    Decimal: 0    Width: 3    Range: 19 - 233    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
19	Transport services	47	18.7%
20	Cleaning and washing services	49	19.4%
21	Hairdressers and barber shops	17	6.7%
22	Professional services (including internet services, consultants, doctors, lawyers, chartered accountants, electricians, plumbers)	11	4.4%
24	Construction	15	6%
30	Other services	24	9.5%
231	Repair of motor vehicles and motorcycles	60	23.8%
232	Repair of machinery and equipment	25	9.9%
233	Repair of computers, personal and household goods	4	1.6%

Sysmiss

1158

**A4X: Other (Specify)****Data file:** Sudan-2022-ISES-full-data.dta**Overview**

Valid: 1410 Invalid:

Type: Continuous Width: 122 Range: - Format: character

**SC0: Willing to Participate in the Survey****Data file:** Sudan-2022-ISES-full-data.dta**Overview**

Valid: 1410 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	1410	100%
2	No	0	0%
3	Respondent previously answered survey	0	0%
4	Respondent unavailable	0	0%
5	Unable to communicate in one of the available languages	0	0%

**SC2: Num. of People Who Worked Last Month****Data file:** Sudan-2022-ISES-full-data.dta**Overview**

Valid: 1410 Invalid: Minimum: -9 Maximum: 123

Type: Discrete Decimal: 0 Width: 3 Range: -9 - 123 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	3	0.2%
0		3	0.2%
1		875	62.1%

2		304	21.6%
3		126	8.9%
4		47	3.3%
5		25	1.8%
6		10	0.7%
8		7	0.5%
9		1	0.1%
10		3	0.2%
12		1	0.1%
14		1	0.1%
15		1	0.1%
20		1	0.1%
30		1	0.1%
123		1	0.1%

### SC3A: Registered with the Commercial Registrar?

Data file: Sudan-2022-ISES-full-data.dta

#### Overview

Valid: 1410 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)	9	0.6%
-8	Refusal (Spontaneous)	1	0.1%
1	Yes	0	0%
2	No	1400	99.3%

### CF1: Consent for personal data

Data file: Sudan-2022-ISES-full-data.dta

#### Overview

Valid: Invalid: 1410 Maximum: \*  
 Type: Discrete Decimal: 0 Width: 1 Range: - \* Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category
1	Yes
2	No
Sysmiss	

### S1X: Name of Business

Data file: Sudan-2022-ISES-full-data.dta

#### Overview

Valid: 1410 Invalid:   
 Type: Discrete Width: 1 Range: - Format: character

### B0: Respondent Is the Main Owner of this Business or activity

Data file: Sudan-2022-ISES-full-data.dta

#### Overview

Valid: 1410 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	1172	83.1%
2	No	238	16.9%

### B1: Num. of Owners in this Business

Data file: Sudan-2022-ISES-full-data.dta

#### Overview

Valid: 1410 Invalid: Minimum: -9 Maximum: 200   
 Type: Discrete Decimal: 0 Width: 3 Range: -9 - 200 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	3	0.2%
1		1252	88.8%
2		132	9.4%
3		15	1.1%
5		2	0.1%
6		1	0.1%
7		1	0.1%
20		2	0.1%
25		1	0.1%
200		1	0.1%

## B2: Num. of Female Owners

Data file: Sudan-2022-ISES-full-data.dta

### Overview

Valid: 158    Invalid: 1252    Minimum: -9    Maximum: 5  
 Type: Discrete    Decimal: 0    Width: 2    Range: -9 - 5    Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	8	5.1%
0		125	79.1%
1		12	7.6%
2		10	6.3%
3		1	0.6%
4		1	0.6%
5		1	0.6%
Sysmiss		1252	

## B2A: The Owner Is Female

Data file: Sudan-2022-ISES-full-data.dta

### Overview

Valid: 1252    Invalid: 158    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	0.2%
1	Yes	339	27.1%
2	No	911	72.8%
Sysmiss		158	

### B3: Year this Business or activity originally Started

Data file: Sudan-2022-ISES-full-data.dta

### Overview

Valid: 1410   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)	27	1.9%
1964		1	0.1%
1970		1	0.1%
1972		1	0.1%
1978		1	0.1%
1979		1	0.1%
1981		4	0.3%
1982		2	0.1%
1983		2	0.1%
1986		2	0.1%
1987		1	0.1%
1988		3	0.2%
1989		2	0.1%
1990		10	0.7%
1991		2	0.1%
1993		2	0.1%
1995		2	0.1%
1996		3	0.2%
1997		5	0.4%



1998		6	0.4%
1999		7	0.5%
2000		41	2.9%
2001		9	0.6%
2002		11	0.8%
2003		11	0.8%
2004		11	0.8%
2005		21	1.5%
2006		14	1%
2007		18	1.3%
2008		16	1.1%
2009		18	1.3%
2010		40	2.8%
2011		18	1.3%
2012		43	3%
2013		24	1.7%
2014		39	2.8%
2015		93	6.6%
2016		50	3.5%
2017		84	6%
2018		166	11.8%
2019		197	14%
2020		143	10.1%
2021		148	10.5%
2022		110	7.8%

## COVB3A: Month business started

Data file: Sudan-2022-ISES-full-data.dta

### Overview

Valid: 401    Invalid: 1009    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)	5	1.2%
1	January	104	25.9%

2	February	82	20.4%
3	March	53	13.2%
4	April	36	9%
5	May	22	5.5%
6	June	19	4.7%
7	July	18	4.5%
8	August	19	4.7%
9	September	11	2.7%
10	October	15	3.7%
11	November	11	2.7%
12	December	6	1.5%
Sysmiss		1009	

## B4: Did You or Largest Owner Start this Business or activity?

Data file: Sudan-2022-ISES-full-data.dta

### Overview

Valid: 1410 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)	11	0.8%
1	Yes	1192	84.5%
2	No	207	14.7%

## B6A: Reason Started: Convenience of Location or Hours

Data file: Sudan-2022-ISES-full-data.dta

### Overview

Valid: 1203 Invalid: 207 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	0.3%

1	Yes	1067	88.7%
2	No	132	11%
Sysmiss		207	

## B6B: Reason Started: Opportunity to Start and Develop a Profitable Business

Data file: Sudan-2022-ISES-full-data.dta

### Overview

Valid: 1203 Invalid: 207 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)	5	0.4%
1	Yes	1024	85.1%
2	No	174	14.5%
Sysmiss		207	

## B6C: Reason Started: to Have Secondary Source of income

Data file: Sudan-2022-ISES-full-data.dta

### Overview

Valid: 1203 Invalid: 207 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	0.2%
1	Yes	605	50.3%
2	No	595	49.5%
Sysmiss		207	

## B6D: Reason Started: Unable to Find another Source of income

Data file: Sudan-2022-ISES-full-data.dta

## Overview

Valid: 1203 Invalid: 207 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)	5	0.4%
1	Yes	797	66.3%
2	No	401	33.3%
Sysmiss		207	

## B8: Main Source of Money to Start or acquire this Business or activity

Data file: Sudan-2022-ISES-full-data.dta

## Overview

Valid: 1410 Invalid: 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)	3	0.2%
-7	Not applicable (spontaneous)	11	0.8%
1	Own funds	1098	77.9%
2	Friends or relatives	255	18.1%
3	Moneylenders	5	0.4%
4	Microfinance institutions, or non-bank financial companies	9	0.6%
5	Banks	2	0.1%
6	Remittances	3	0.2%
7	Other sources	24	1.7%

## B8A: Occupation Prior to this Business or activity

Data file: Sudan-2022-ISES-full-data.dta

## Overview

Valid: 1410 Invalid: Minimum: -9 Maximum: 6  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 6 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	9	0.6%
1	Worked for someone else in the same type of business or activity	340	24.1%
2	Worked for someone else in a different type of business or activity	343	24.3%
3	Self-employed in a different type of business or activity	156	11.1%
4	Self-employed in the same type of business or activity	85	6%
5	Unemployed	250	17.7%
6	Other (e.g., housewife, student, etc.)	227	16.1%

## B9: Age of Main Owner

Data file: Sudan-2022-ISES-full-data.dta

### Overview

Valid: 1410   Invalid:   Minimum: -9   Maximum: 88  
 Type: Discrete   Decimal: 0   Width: 2   Range: -9 - 88   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	9	0.6%
15		5	0.4%
16		5	0.4%
17		8	0.6%
18		15	1.1%
19		10	0.7%
20		30	2.1%
21		22	1.6%
22		42	3%
23		36	2.6%
24		28	2%
25		51	3.6%
26		41	2.9%
27		52	3.7%
28		54	3.8%
29		49	3.5%

30		85	6%
31		29	2.1%
32		37	2.6%
33		30	2.1%
34		36	2.6%
35		83	5.9%
36		36	2.6%
37		28	2%
38		27	1.9%
39		24	1.7%
40		70	5%
41		19	1.3%
42		29	2.1%
43		23	1.6%
44		16	1.1%
45		59	4.2%
46		25	1.8%
47		14	1%
48		32	2.3%
49		16	1.1%
50		46	3.3%
51		16	1.1%
52		16	1.1%
53		18	1.3%
54		12	0.9%
55		28	2%
56		10	0.7%
57		6	0.4%
58		9	0.6%
59		4	0.3%
60		22	1.6%
61		4	0.3%
62		2	0.1%
63		4	0.3%
64		1	0.1%
65		9	0.6%
66		2	0.1%
67		3	0.2%
68		1	0.1%

70		7	0.5%
72		2	0.1%
74		2	0.1%
75		2	0.1%
76		1	0.1%
78		3	0.2%
80		1	0.1%
82		1	0.1%
85		1	0.1%
88		2	0.1%

## B10: Owner Years of Experience

Data file: Sudan-2022-ISES-full-data.dta

### Overview

Valid: 1410   Invalid:   Minimum: -9   Maximum: 64  
 Type: Discrete   Decimal: 0   Width: 2   Range: -9 - 64   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	11	0.8%
1		191	13.5%
2		132	9.4%
3		148	10.5%
4		150	10.6%
5		130	9.2%
6		73	5.2%
7		83	5.9%
8		58	4.1%
9		19	1.3%
10		79	5.6%
11		13	0.9%
12		37	2.6%
13		22	1.6%
14		14	1%
15		40	2.8%
16		9	0.6%

17		8	0.6%
18		14	1%
19		11	0.8%
20		55	3.9%
21		2	0.1%
22		14	1%
23		13	0.9%
24		8	0.6%
25		11	0.8%
26		7	0.5%
27		2	0.1%
28		2	0.1%
30		14	1%
31		4	0.3%
32		2	0.1%
34		2	0.1%
35		8	0.6%
36		5	0.4%
37		1	0.1%
40		8	0.6%
41		1	0.1%
50		4	0.3%
56		1	0.1%
58		1	0.1%
60		1	0.1%
63		1	0.1%
64		1	0.1%

## SDNB11: Owner Highest Level of Completed Education

Data file: Sudan-2022-ISES-full-data.dta

### Overview

Valid: 1410   Invalid:   Minimum: -9   Maximum: 5  
 Type: Discrete   Decimal: 0   Width: 2   Range: -9 - 5   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-------	----------	-------	--



-9	Don't know (spontaneous)	5	0.4%
1	No schooling	252	17.9%
2	Primary School	336	23.8%
3	High School	458	32.5%
4	Technical school	94	6.7%
5	Tertiary(university diploma,bachelor or graduate)	265	18.8%

## B12: Num. of Years Lived in this City

Data file: Sudan-2022-ISES-full-data.dta

### Overview

Valid: 1410   Invalid:   Minimum: -9   Maximum: 65  
 Type: Discrete   Decimal: 0   Width: 2   Range: -9 - 65   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	2	0.1%
-7	Does not live in this city	193	13.7%
-5	Entire life	823	58.4%
1		12	0.9%
2		7	0.5%
3		22	1.6%
4		17	1.2%
5		21	1.5%
6		19	1.3%
7		29	2.1%
8		21	1.5%
9		7	0.5%
10		29	2.1%
11		2	0.1%
12		9	0.6%
13		10	0.7%
14		6	0.4%
15		19	1.3%
16		5	0.4%
17		12	0.9%
18		11	0.8%

19		7	0.5%
20		30	2.1%
21		5	0.4%
22		9	0.6%
23		5	0.4%
24		4	0.3%
25		15	1.1%
26		2	0.1%
27		1	0.1%
28		3	0.2%
29		1	0.1%
30		16	1.1%
31		1	0.1%
32		3	0.2%
33		2	0.1%
35		6	0.4%
36		3	0.2%
37		1	0.1%
38		2	0.1%
40		6	0.4%
45		3	0.2%
46		2	0.1%
47		1	0.1%
50		2	0.1%
52		1	0.1%
55		1	0.1%
59		1	0.1%
65		1	0.1%

### **B13A: B.13a. Name of city, town, province or country %owner% lived in before moving t**

**Data file:** Sudan-2022-ISES-full-data.dta

#### **Overview**

Valid: 392    Invalid: 1018    Minimum: -9    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 2    Range: -9 - 1    Format: Numeric

#### **Questions and instructions**

CATEGORIES

Value	Category	Cases	
-9		3	0.8%
1		389	99.2%
Sysmiss		1018	

### B13AX: Name of city, town, province, or country before moving to this city

Data file: Sudan-2022-ISES-full-data.dta

#### Overview

Valid: 1410 Invalid:  
 Type: Continuous Width: 43 Range: - Format: character

### B14: Num. of Household Members of the Owner

Data file: Sudan-2022-ISES-full-data.dta

#### Overview

Valid: 1410 Invalid: Minimum: -9 Maximum: 61  
 Type: Discrete Decimal: 2 Width: 5 Range: -9 - 61 Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	15	1.1%
0		32	2.3%
1		40	2.8%
2		83	5.9%
3		172	12.2%
4		225	16%
5		240	17%
6		206	14.6%
7		161	11.4%
8		93	6.6%
9		55	3.9%
10		34	2.4%
11		17	1.2%
12		19	1.3%
13		5	0.4%
14		2	0.1%
15		1	0.1%

16		2	0.1%
17		1	0.1%
20		1	0.1%
24		1	0.1%
25		1	0.1%
30		1	0.1%
40		2	0.1%
61		1	0.1%

## B15: Num of Household Members Less Than 6 Years Old

Data file: Sudan-2022-ISES-full-data.dta

### Overview

Valid: 1363   Invalid: 47   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)	10	0.7%
0		702	51.5%
1		336	24.7%
2		191	14%
3		80	5.9%
4		24	1.8%
5		10	0.7%
6		6	0.4%
7		2	0.1%
8		1	0.1%
10		1	0.1%
Sysmiss		47	

## B16: Owner the Primary income Earner of the Household

Data file: Sudan-2022-ISES-full-data.dta

### Overview

Valid: 1410   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	0.2%
-5	Equal income earner	26	1.8%
1	Yes	819	58.1%
2	No	562	39.9%

### B17: Owner Currently Have a Job with Either a Temporary or Permanent Contract

Data file: Sudan-2022-ISES-full-data.dta

#### Overview

Valid: 1410 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)	5	0.4%
1	Yes	109	7.7%
2	No	1296	91.9%

### B18: Owner Had a Job with Temporary or Permanent Contract

Data file: Sudan-2022-ISES-full-data.dta

#### Overview

Valid: 1301 Invalid: 109 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	0.2%
1	Yes	141	10.8%
2	No	1157	88.9%
Sysmiss		109	

**B19: Year Main Owner Had Job with Temporary or Permanent Contract****Data file: Sudan-2022-ISES-full-data.dta****Overview**

Valid: 141    Invalid: 1269    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)	2	1.4%
1979		1	0.7%
1989		1	0.7%
1990		1	0.7%
1994		2	1.4%
1997		2	1.4%
1999		1	0.7%
2000		3	2.1%
2001		1	0.7%
2002		2	1.4%
2004		1	0.7%
2005		4	2.8%
2006		1	0.7%
2007		2	1.4%
2008		1	0.7%
2009		3	2.1%
2010		5	3.5%
2011		4	2.8%
2012		4	2.8%
2013		3	2.1%
2014		5	3.5%
2015		9	6.4%
2016		15	10.6%
2017		10	7.1%
2018		20	14.2%
2019		14	9.9%
2020		15	10.6%
2021		7	5%

2022		2	1.4%
Sysmiss		1269	

## B20: Actively Look for a Job with a Temporary or Permanent Contract

Data file: Sudan-2022-ISES-full-data.dta

### Overview

Valid: 1301 Invalid: 109 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)	6	0.5%
1	Yes	159	12.2%
2	No	1136	87.3%
Sysmiss		109	

## B21: Did Owner Get the Job

Data file: Sudan-2022-ISES-full-data.dta

### Overview

Valid: 159 Invalid: 1251 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	20	12.6%
2	No	139	87.4%
Sysmiss		1251	

## B22: Num. of Household Members with Job with a Temporary or Permanent Contract?

Data file: Sudan-2022-ISES-full-data.dta

### Overview

Valid: 1363 Invalid: 47 Minimum: -9 Maximum: 9

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

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	31	2.3%
0	None	878	64.4%
1		238	17.5%
2		114	8.4%
3		52	3.8%
4		23	1.7%
5		14	1%
6		7	0.5%
7		2	0.1%
8		2	0.1%
9		2	0.1%
Sysmiss		47	

## B23: Household Members Ever Had a Job with a Temporary or Permanent Contract

Data file: Sudan-2022-ISES-full-data.dta

### Overview

Valid: 909    Invalid: 501    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	0.3%
1	Yes	52	5.7%
2	No	854	93.9%
Sysmiss		501	

## B24: Years Household Members Had a Job with a Temporary or Permanent Contract

Data file: Sudan-2022-ISES-full-data.dta

### Overview

Valid: 52    Invalid: 1358    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	5.8%
1967		1	1.9%
2000		2	3.8%
2001		1	1.9%
2005		1	1.9%
2006		1	1.9%
2008		1	1.9%
2009		2	3.8%
2012		2	3.8%
2013		3	5.8%
2014		2	3.8%
2015		4	7.7%
2016		1	1.9%
2017		4	7.7%
2018		6	11.5%
2019		3	5.8%
2020		3	5.8%
2021		8	15.4%
2022		4	7.7%
Sysmiss		1358	

**IR4: This Business or activity Keep Written Business Records**

Data file: Sudan-2022-ISES-full-data.dta

**Overview**Valid: 1410    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	0.3%
1	Yes	337	23.9%

2	No	1069	75.8%
---	----	------	-------

### K3: Accounts of the Business Kept Separately from the Household Expenses

Data file: Sudan-2022-ISES-full-data.dta

#### Overview

Valid: 1410 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)	6	0.4%
1	Yes	459	32.6%
2	No	945	67%

### C1A: Type of Premises

Data file: Sudan-2022-ISES-full-data.dta

#### Overview

Valid: 1410 Invalid: 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	Household	147	10.4%
2	Non-household with permanent structure	409	29%
3	Non-household with temporary structure, including stall or stands	439	31.1%
4	Non-fixed premises, including hawkers	415	29.4%

### C1A1: Reason Located within HH: Costs Less to Run a Business from Home

Data file: Sudan-2022-ISES-full-data.dta

#### Overview

Valid: 147 Invalid: 1263 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	91	61.9%
2	No	56	38.1%
Sysmiss		1263	

### C1A2: Reason Located within HH: Easier to Manage Family Responsibilities

Data file: Sudan-2022-ISES-full-data.dta

#### Overview

Valid: 147    Invalid: 1263    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	88	59.9%
2	No	59	40.1%
Sysmiss		1263	

### C1A3: Reason Located within HH: No Benefit to Working Outside the Household Premises

Data file: Sudan-2022-ISES-full-data.dta

#### Overview

Valid: 147    Invalid: 1263    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	45	30.6%
2	No	102	69.4%
Sysmiss		1263	

**C1A4A: Reason Located within HH: Safer and Secure****Data file:** Sudan-2022-ISES-full-data.dta**Overview**

Valid: 147    Invalid: 1263    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	111	75.5%
2	No	36	24.5%
Sysmiss		1263	

**C1A5: Reason Located within HH: Minimizes Chance of Being Identified by Tax auth.****Data file:** Sudan-2022-ISES-full-data.dta**Overview**

Valid: 147    Invalid: 1263    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	68	46.3%
2	No	79	53.7%
Sysmiss		1263	

**C3: Main Reason for the Choice of Location for Business****Data file:** Sudan-2022-ISES-full-data.dta**Overview**

Valid: 995    Invalid: 415    Minimum: -9    Maximum: 6  
 Type: Discrete    Decimal: 0    Width: 2    Range: -9 - 6    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	4	0.4%
1	Access to customers	731	73.5%
2	Access to food and toilets	13	1.3%
3	Access to water	19	1.9%
4	Access to electricity	120	12.1%
5	Safety	37	3.7%
6	Freedom from harassment	71	7.1%
Sysmiss		415	

### C4: You or Largest Owner Own the Location Occupied by the Business or activity

Data file: Sudan-2022-ISES-full-data.dta

#### Overview

Valid: 995 Invalid: 415 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	0.1%
-7		7	0.7%
1	Yes	201	20.2%
2	No	786	79%
Sysmiss		415	

### C5: Business or activity Pays any Rent for the Location It Occupies

Data file: Sudan-2022-ISES-full-data.dta

#### Overview

Valid: 787 Invalid: 623 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	0.1%
1	Yes	470	59.7%
2	No	316	40.2%
Sysmiss		623	

### C31: Business or activity Requires Electricity to Produce Goods or Provide Services

Data file: Sudan-2022-ISES-full-data.dta

#### Overview

Valid: 1410 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	0.1%
1	Yes	404	28.7%
2	No	1005	71.3%

### C31A: Business or activity Connected to the Electricity Grid

Data file: Sudan-2022-ISES-full-data.dta

#### Overview

Valid: 405 Invalid: 1005 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	336	83%
2	No	69	17%
Sysmiss		1005	

### C31B: Business or activity Pays for Electricity

Data file: Sudan-2022-ISES-full-data.dta

## Overview

Valid: 336 Invalid: 1074 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	Cash	227	67.6%
2	Check or bank transfer	16	4.8%
3	Digital payments	36	10.7%
4	No payment for electricity	13	3.9%
5	Included in the rent	26	7.7%
6	Other	18	5.4%
Sysmiss		1074	

## C32: Last Month, Business or activity Experienced Power Outage

Data file: Sudan-2022-ISES-full-data.dta

## Overview

Valid: 405 Invalid: 1005 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	326	80.5%
2	No	78	19.3%
Sysmiss		1005	

## C38: Business or activity Uses Water for Its activity

Data file: Sudan-2022-ISES-full-data.dta

## Overview

Valid: 1410 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	540	38.3%
2	No	870	61.7%

## C39: Last Month, Business or activity Experienced insufficient Water Supply

Data file: Sudan-2022-ISES-full-data.dta

### Overview

Valid: 540    Invalid: 870    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	0.6%
1	Yes	340	63%
2	No	197	36.5%
Sysmiss		870	

## C42A: Uses Computers or Tablets

Data file: Sudan-2022-ISES-full-data.dta

### Overview

Valid: 1410    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	90	6.4%
2	No	1320	93.6%



**C42C: Uses Cellphone or Smartphone****Data file: Sudan-2022-ISES-full-data.dta****Overview**

Valid: 1410   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	385	27.3%
2	No	1025	72.7%

**COVIR1A: In Response to COVID: Changed Business Location****Data file: Sudan-2022-ISES-full-data.dta****Overview**

Valid: 1092   Invalid: 318   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	0.3%
1	Yes	274	25.1%
2	No	815	74.6%
Sysmiss		318	

**COVIR1B: In Response to COVID: Changed Products Sold or Services Rendered****Data file: Sudan-2022-ISES-full-data.dta****Overview**

Valid: 1092   Invalid: 318   Minimum: -9   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 2   Range: -9 - 2   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
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-9	Don't know (spontaneous)	2	0.2%
1	Yes	228	20.9%
2	No	862	78.9%
Sysmiss		318	

## COVIR1C: In Response to COVID: adapted No-contact Sales Method

Data file: Sudan-2022-ISES-full-data.dta

### Overview

Valid: 1092   Invalid: 318   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	0.2%
1	Yes	333	30.5%
2	No	757	69.3%
Sysmiss		318	

## D4: Total Sales: Last Month

Data file: Sudan-2022-ISES-full-data.dta

### Overview

Valid: 1410   Invalid:   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)	65	100%

## COVID1A: Since COVID Outbreak, total Sales in Regular Month

Data file: Sudan-2022-ISES-full-data.dta

### Overview

Valid: 1092   Invalid: 318   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)	4	0.4%
1	Increase	72	6.6%
2	Remain the same	314	28.8%
3	Decrease	702	64.3%
Sysmiss		318	

### D6: Total Sales: Regular Month

Data file: Sudan-2022-ISES-full-data.dta

#### Overview

Valid: 1304 Invalid: 106 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)	61	100%
Sysmiss		106	

### D7: Total Sales: Slowest Month

Data file: Sudan-2022-ISES-full-data.dta

#### Overview

Valid: 1304 Invalid: 106 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)	57	100%
Sysmiss		106	

**D8: Total Sales: Busiest month****Data file: Sudan-2022-ISES-full-data.dta****Overview**

Valid: 1304   Invalid: 106   Minimum: -9   Maximum: 800000000  
 Type: Discrete   Decimal: 0   Width: 9   Range: -9 - 800000000   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	81	100%
Sysmiss		106	

**D9: Months of Operation Per Year****Data file: Sudan-2022-ISES-full-data.dta****Overview**

Valid: 1410   Invalid:   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)	119	8.4%
1		3	0.2%
2		7	0.5%
3		12	0.9%
4		4	0.3%
5		14	1%
6		29	2.1%
7		17	1.2%
8		54	3.8%
9		74	5.2%
10		125	8.9%
11		207	14.7%
12		745	52.8%

**D10: Hours of Normal Operation****Data file: Sudan-2022-ISES-full-data.dta****Overview**

Valid: 1410   Invalid:   Minimum: -9   Maximum: 168  
 Type: Discrete   Decimal: 0   Width: 3   Range: -9 - 168   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	18	100%

**D11A: Business Produces goods or Provides Services Under Contract or agreement****Data file: Sudan-2022-ISES-full-data.dta****Overview**

Valid: 1410   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	0.3%
1	Yes	247	17.5%
2	No	1159	82.2%

**D13A: Business Purchases inputs or Supplies from Suppliers Under Contract or agreement****Data file: Sudan-2022-ISES-full-data.dta****Overview**

Valid: 1410   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	0.1%
1	Yes	268	19%
2	No	1140	80.9%

**IR1A: Visited Competitors to See What Products They Have available for Sale****Data file:** Sudan-2022-ISES-full-data.dta**Overview**

Valid: 1410   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	0.2%
1	Yes	242	17.2%
2	No	1165	82.6%

**IR1B: Asked Customers Whether to Sell or Produce any Other Products****Data file:** Sudan-2022-ISES-full-data.dta**Overview**

Valid: 1410   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	0.2%
1	Yes	396	28.1%
2	No	1011	71.7%

**IR1C: Talked with former Customers to Find Out Why They Have Stopped Buying****Data file:** Sudan-2022-ISES-full-data.dta**Overview**

Valid: 1410   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	0.1%
1	Yes	348	24.7%
2	No	1060	75.2%

## IR1D: Used any Special offer to attract Customers

Data file: Sudan-2022-ISES-full-data.dta

### Overview

Valid: 1410 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	0.1%
1	Yes	526	37.3%
2	No	882	62.6%

## IR1E: Asked Suppliers Which Products are Selling Well

Data file: Sudan-2022-ISES-full-data.dta

### Overview

Valid: 1410 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	0.2%
1	Yes	471	33.4%
2	No	936	66.4%

## IR2: Attempted to Negotiate with Supplier for a Lower Price

Data file: Sudan-2022-ISES-full-data.dta

### Overview

Valid: 1410 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	0.1%
-7		43	3%
1	Yes	548	38.9%
2	No	818	58%

## K4D: Financial Source for Day-to-Day Operations: Banks

Data file: Sudan-2022-ISES-full-data.dta

### Overview

Valid: 1410    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	0.1%
1	Yes	27	1.9%
2	No	1381	97.9%

## K4E: Financial Source for Day-to-Day Operations: Friends or Relatives

Data file: Sudan-2022-ISES-full-data.dta

### Overview

Valid: 1410    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	0.1%
1	Yes	445	31.6%
2	No	963	68.3%



**IR3: Frequency of Running Out of Stock of inventories or Raw Materials****Data file:** Sudan-2022-ISES-full-data.dta**Overview**

Valid: 1410    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)	10	0.7%
1	Never, it always has enough on hand	431	30.6%
2	Rarely	539	38.2%
3	Sometimes	336	23.8%
4	Frequently, at least once every three months	94	6.7%

**IR6: Has a Written Budget for Monthly Costs****Data file:** Sudan-2022-ISES-full-data.dta**Overview**

Valid: 1410    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	400	28.4%
2	No	1010	71.6%

**IR7: Has a Target for Sales Over the Next Year****Data file:** Sudan-2022-ISES-full-data.dta**Overview**

Valid: 1410    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)	6	0.4%
1	Yes	435	30.9%
2	No	969	68.7%

## IR8: Frequency this Business or activity Compares actual Sales to Target

Data file: Sudan-2022-ISES-full-data.dta

### Overview

Valid: 435 Invalid: 975 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	0.5%
1	Never or do not compare	94	21.6%
2	Once a year or less frequent	123	28.3%
3	Two or three times a year	77	17.7%
4	Monthly or more often	139	32%
Sysmiss		975	

## IR9: Made a Budget of the Costs for Next Year

Data file: Sudan-2022-ISES-full-data.dta

### Overview

Valid: 1410 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	0.1%
1	Yes	335	23.8%
2	No	1074	76.2%

**IR10: Prepares a Profit and Loss State at Least once a Year****Data file:** Sudan-2022-ISES-full-data.dta**Overview**

Valid: 1410   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	0.2%
1	Yes	571	40.5%
2	No	836	59.3%

**K4B: Financial Source for Day-to-Day Operations: Moneylenders****Data file:** Sudan-2022-ISES-full-data.dta**Overview**

Valid: 1410   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	0.2%
1	Yes	54	3.8%
2	No	1353	96%

**K4C: Financial Source for Day-to-Day Operations: Microfin. inst./Non-bank Fin. Comp.****Data file:** Sudan-2022-ISES-full-data.dta**Overview**

Valid: 1410   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	0.1%
1	Yes	33	2.3%
2	No	1375	97.5%

### K3B: Bought inputs on Credit or Received advances from Customers

Data file: Sudan-2022-ISES-full-data.dta

#### Overview

Valid: 1410 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	0.1%
1	Yes	442	31.3%
2	No	966	68.5%

### K3C: Receive Advances from customers

Data file: Sudan-2022-ISES-full-data.dta

#### Overview

Valid: 1410 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	184	13%
2	No	1226	87%

### K5: Sold Goods or Services on Credit

Data file: Sudan-2022-ISES-full-data.dta

#### Overview

Valid: 1410 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	0.1%
1	Yes	562	39.9%
2	No	846	60%

## K6: Bought any Machinery or Equipment, Vehicles or Other Means of Transport

Data file: Sudan-2022-ISES-full-data.dta

### Overview

Valid: 1410    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	0.2%
1	Yes	232	16.5%
2	No	1175	83.3%

## K8B: Purch. Machinery/Equip./Veh./Transp. Using: Moneylenders

Data file: Sudan-2022-ISES-full-data.dta

### Overview

Valid: 232    Invalid: 1178    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	27	11.6%
2	No	205	88.4%
Sysmiss		1178	

**K8C: Purch. Machinery/Equip./Veh./Transp. Using: Microfin. inst./Non-bank Fin. Comp.****Data file: Sudan-2022-ISES-full-data.dta****Overview**

Valid: 232    Invalid: 1178    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	5.6%
2	No	219	94.4%
Sysmiss		1178	

**K8D: Purch. Machinery/Equip./Veh./Transp. Using: Banks****Data file: Sudan-2022-ISES-full-data.dta****Overview**

Valid: 232    Invalid: 1178    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	0.4%
1	Yes	4	1.7%
2	No	227	97.8%
Sysmiss		1178	

**K8E: Purch. Machinery/Equip./Veh./Transp. Using: Friends or Relatives****Data file: Sudan-2022-ISES-full-data.dta****Overview**

Valid: 232    Invalid: 1178    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	78	33.6%
2	No	154	66.4%
Sysmiss		1178	

### K10: Have a Bank account to Run this Business

Data file: Sudan-2022-ISES-full-data.dta

#### Overview

Valid: 1410 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	0.2%
1	Yes	267	18.9%
2	No	1140	80.9%

### K11: Use a Separate Bank account for the Household

Data file: Sudan-2022-ISES-full-data.dta

#### Overview

Valid: 1410 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	0.1%
1	Yes	275	19.5%
2	No	1134	80.4%

**K11A: Uses Digital Money****Data file:** Sudan-2022-ISES-full-data.dta**Overview**

Valid: 1410   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	0.3%
1	Yes	280	19.9%
2	No	1126	79.9%

**K11B: Uses Digital Money to Pay Suppliers****Data file:** Sudan-2022-ISES-full-data.dta**Overview**

Valid: 280   Invalid: 1130   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	214	76.4%
2	No	66	23.6%
Sysmiss		1130	

**K11C: Uses Digital Money to Save****Data file:** Sudan-2022-ISES-full-data.dta**Overview**

Valid: 280   Invalid: 1130   Minimum: -9   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 2   Range: -9 - 2   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
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-9	Don't know (spontaneous)	1	0.4%
1	Yes	223	79.6%
2	No	56	20%
Sysmiss		1130	

## K11D: Uses Digital Money to Pay Utility Bills

Data file: Sudan-2022-ISES-full-data.dta

### Overview

Valid: 280    Invalid: 1130    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	227	81.1%
2	No	53	18.9%
Sysmiss		1130	

## K11E: Uses Digital Money to Receive Payments from Customers

Data file: Sudan-2022-ISES-full-data.dta

### Overview

Valid: 280    Invalid: 1130    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	0.4%
1	Yes	244	87.1%
2	No	35	12.5%
Sysmiss		1130	

## K11F: Uses Digital Money to Pay Loans

Data file: Sudan-2022-ISES-full-data.dta

## Overview

Valid: 280 Invalid: 1130 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	0.7%
1	Yes	128	45.7%
2	No	150	53.6%
Sysmiss		1130	

## K11G: Uses Digital Money Pay Workers, including Family Members

Data file: Sudan-2022-ISES-full-data.dta

## Overview

Valid: 280 Invalid: 1130 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	0.7%
1	Yes	134	47.9%
2	No	144	51.4%
Sysmiss		1130	

## K12: Has a Loan for the Business

Data file: Sudan-2022-ISES-full-data.dta

## Overview

Valid: 1410 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)	6	0.4%

1	Yes	333	23.6%
2	No	1071	76%

### K13: Source of the Most Recently Obtained Loan

Data file: Sudan-2022-ISES-full-data.dta

#### Overview

Valid: 333 Invalid: 1077 Minimum: -9 Maximum: 6  
Type: Discrete Decimal: 0 Width: 2 Range: -9 - 6 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	8	2.4%
1	Banks	16	4.8%
2	Money lenders	19	5.7%
3	Microfinance institutions	8	2.4%
4	Input suppliers or customers	63	18.9%
5	Friends or relatives	171	51.4%
6	Others	48	14.4%
Sysmiss		1077	

### K16: Financing the Most Recent Loan Required a Guarantee

Data file: Sudan-2022-ISES-full-data.dta

#### Overview

Valid: 333 Invalid: 1077 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	0.6%
1	Yes	85	25.5%
2	No	246	73.9%
Sysmiss		1077	

**K17: Applied for any Loans in the Last Year****Data file: Sudan-2022-ISES-full-data.dta****Overview**

Valid: 1410   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	0.1%
1	Yes	114	8.1%
2	No	1294	91.8%

**K18: Main Reason Why this Business Did Not apply for Loan****Data file: Sudan-2022-ISES-full-data.dta****Overview**

Valid: 1294   Invalid: 116   Minimum: -9   Maximum: 6  
 Type: Discrete   Decimal: 0   Width: 2   Range: -9 - 6   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't Know (Spontaneous)	2	0.2%
1	No need for a loan	652	50.4%
2	Application procedures are complex	173	13.4%
3	Interest rates are too high	70	5.4%
4	Did not have required guarantees	264	20.4%
5	Did not think it would be obtained because I am not registered	78	6%
6	Other (Spontaneous)	55	4.3%
Sysmiss		116	

**COVK1: Received national/local gov. support in Response to COVID-19 Outbreak?****Data file: Sudan-2022-ISES-full-data.dta****Overview**

Valid: 1410   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	0.1%
1	Yes	66	4.7%
2	No	1342	95.2%

### L1A: Num. of People Who Worked Last Month: Paid

Data file: Sudan-2022-ISES-full-data.dta

#### Overview

Valid: 1407   Invalid: 3   Minimum: -9   Maximum: 123  
 Type: Discrete   Decimal: 0   Width: 3   Range: -9 - 123   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	15	1.1%
0		174	12.4%
1		830	59%
2		221	15.7%
3		98	7%
4		36	2.6%
5		15	1.1%
6		7	0.5%
8		4	0.3%
9		1	0.1%
10		1	0.1%
12		1	0.1%
14		1	0.1%
15		2	0.1%
123		1	0.1%
Sysmiss		3	

### L1B: Num. of People Who Worked Last Month: Unpaid

Data file: Sudan-2022-ISES-full-data.dta

## Overview

Valid: 1407 Invalid: 3 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)	43	3.1%
0		1027	73%
1		286	20.3%
2		38	2.7%
3		6	0.4%
4		2	0.1%
5		1	0.1%
6		1	0.1%
10		1	0.1%
15		2	0.1%
Sysmiss		3	

## SDNL1A: Num. of People Who Worked Last Month: Full Time

Data file: Sudan-2022-ISES-full-data.dta

## Overview

Valid: 1407 Invalid: 3 Minimum: -9 Maximum: 123  
 Type: Discrete Decimal: 0 Width: 3 Range: -9 - 123 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	21	1.5%
0		88	6.3%
1		942	67%
2		217	15.4%
3		82	5.8%
4		29	2.1%
5		15	1.1%
6		4	0.3%
7		3	0.2%

8		1	0.1%
10		2	0.1%
12		1	0.1%
15		1	0.1%
123		1	0.1%
Sysmiss		3	

## SDNL1B: Num. of People Who Worked Last Month: Part Time

Data file: Sudan-2022-ISES-full-data.dta

### Overview

Valid: 1407    Invalid: 3    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)	46	3.3%
0		1074	76.3%
1		213	15.1%
2		50	3.6%
3		11	0.8%
4		5	0.4%
5		1	0.1%
6		1	0.1%
7		1	0.1%
8		2	0.1%
13		1	0.1%
14		1	0.1%
15		1	0.1%
Sysmiss		3	

## L2: Num. of People Who Worked Last Month: Family Members of Owner

Data file: Sudan-2022-ISES-full-data.dta

### Overview

Valid: 1407    Invalid: 3    Minimum: -9    Maximum: 29  
 Type: Discrete    Decimal: 0    Width: 2    Range: -9 - 29    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	4	0.3%
0		833	59.2%
1		371	26.4%
2		125	8.9%
3		47	3.3%
4		13	0.9%
5		7	0.5%
8		3	0.2%
9		1	0.1%
12		1	0.1%
14		1	0.1%
29		1	0.1%
Sysmiss		3	

## L6: Num. of Female Workers in the Last Month

Data file: Sudan-2022-ISES-full-data.dta

### Overview

Valid: 1407   Invalid: 3   Minimum: -9   Maximum: 82  
 Type: Discrete   Decimal: 0   Width: 2   Range: -9 - 82   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	26	1.8%
0		973	69.2%
1		338	24%
2		56	4%
3		7	0.5%
4		3	0.2%
5		2	0.1%
30		1	0.1%
82		1	0.1%
Sysmiss		3	



**L3: Num. of People Who Worked in a Regular Month****Data file: Sudan-2022-ISES-full-data.dta****Overview**

Valid: 1304   Invalid: 106   Minimum: -9   Maximum: 2019  
 Type: Discrete   Decimal: 0   Width: 4   Range: -9 - 2019   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	25	1.9%
1		826	63.3%
2		272	20.9%
3		98	7.5%
4		44	3.4%
5		15	1.2%
6		9	0.7%
7		2	0.2%
8		2	0.2%
10		3	0.2%
12		1	0.1%
14		1	0.1%
15		1	0.1%
20		1	0.1%
25		1	0.1%
123		1	0.1%
2017		1	0.1%
2019		1	0.1%
Sysmiss		106	

**L4: Num. of People Who Worked in a Month with Highest Number of People Working****Data file: Sudan-2022-ISES-full-data.dta****Overview**

Valid: 1304   Invalid: 106   Minimum: -9   Maximum: 70000  
 Type: Discrete   Decimal: 0   Width: 5   Range: -9 - 70000   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	34	2.6%
1		730	56%
2		282	21.6%
3		124	9.5%
4		48	3.7%
5		34	2.6%
6		20	1.5%
7		6	0.5%
8		8	0.6%
9		1	0.1%
10		3	0.2%
11		2	0.2%
12		1	0.1%
15		2	0.2%
20		3	0.2%
21		1	0.1%
25		1	0.1%
30		1	0.1%
126		1	0.1%
50000		1	0.1%
70000		1	0.1%
Sysmiss		106	

### L5: Num. of People Who Worked in a Month with Lowest Number of People Working

Data file: Sudan-2022-ISES-full-data.dta

#### Overview

Valid: 1304   Invalid: 106   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)	27	2.1%

0		115	8.8%
1		876	67.2%
2		198	15.2%
3		53	4.1%
4		18	1.4%
5		8	0.6%
6		1	0.1%
7		1	0.1%
8		2	0.2%
10		2	0.2%
12		1	0.1%
14		1	0.1%
120		1	0.1%
Sysmiss		106	

### COVL1A: Since COVID Outbreak, in a Regular Month, Change in Number of Workers

Data file: Sudan-2022-ISES-full-data.dta

#### Overview

Valid: 1092 Invalid: 318 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)	5	0.5%
-7	Does not apply (spontaneous)	8	0.7%
1	Increased	37	3.4%
2	Remained the Same	658	60.3%
3	Decreased	384	35.2%
Sysmiss		318	

### COVL1B: Since COVID Outbreak, in a Regular Month, Num. Workers that are Owner's Family

Data file: Sudan-2022-ISES-full-data.dta

#### Overview

Valid: 1092 Invalid: 318 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)	5	0.5%
-7	Does not apply (spontaneous)	65	6%
1	Increased	20	1.8%
2	Remained the Same	712	65.2%
3	Decreased	290	26.6%
Sysmiss		318	

### L7A: Num. of People with the Skill: Can Read

Data file: Sudan-2022-ISES-full-data.dta

#### Overview

Valid: 1410 Invalid: Minimum: -9 Maximum: 116  
 Type: Discrete Decimal: 0 Width: 3 Range: -9 - 116 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	10	0.7%
0		165	11.7%
1		833	59.1%
2		254	18%
3		92	6.5%
4		26	1.8%
5		13	0.9%
6		5	0.4%
7		1	0.1%
8		5	0.4%
10		2	0.1%
12		1	0.1%
14		1	0.1%
30		1	0.1%
116		1	0.1%

**L7B: Num. of People with the Skill: Can Write****Data file: Sudan-2022-ISES-full-data.dta****Overview**

Valid: 1410   Invalid:   Minimum: -9   Maximum: 116  
 Type: Discrete   Decimal: 0   Width: 3   Range: -9 - 116   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	9	0.6%
0		186	13.2%
1		818	58%
2		251	17.8%
3		92	6.5%
4		24	1.7%
5		13	0.9%
6		5	0.4%
7		1	0.1%
8		5	0.4%
10		2	0.1%
12		1	0.1%
14		1	0.1%
30		1	0.1%
116		1	0.1%

**L7C: Num. of People with the Skill: Can use a computer****Data file: Sudan-2022-ISES-full-data.dta****Overview**

Valid: 1410   Invalid:   Minimum: -9   Maximum: 31  
 Type: Discrete   Decimal: 0   Width: 2   Range: -9 - 31   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	52	3.7%
0		816	57.9%
1		393	27.9%

2		102	7.2%
3		34	2.4%
4		6	0.4%
5		4	0.3%
7		1	0.1%
25		1	0.1%
31		1	0.1%

### R13: Owner aware of registration with Commercial Registrar?

Data file: Sudan-2022-ISES-full-data.dta

#### Overview

Valid: 1172 Invalid: 238 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	562	48%
2	No	610	52%
Sysmiss		238	

### R2A: Reason not registered: Cost and time

Data file: Sudan-2022-ISES-full-data.dta

#### Overview

Valid: 1410 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)	21	1.5%
1	Yes	673	47.7%
2	No	716	50.8%

**R2F: Reason not registered: Lack information about where and how to register****Data file: Sudan-2022-ISES-full-data.dta****Overview**

Valid: 1410   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)	10	0.7%
1	Yes	779	55.2%
2	No	621	44%

**R2E: Reason not registered: No benefit to being registered****Data file: Sudan-2022-ISES-full-data.dta****Overview**

Valid: 1410   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)	21	1.5%
1	Yes	720	51.1%
2	No	669	47.4%

**R2B: Reason not registered: Taxes That Need to Be Paid If Registered****Data file: Sudan-2022-ISES-full-data.dta****Overview**

Valid: 1410   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)	24	1.7%

1	Yes	731	51.8%
2	No	655	46.5%

## R2C: Reason not registered: inspections and Meetings with Govt officials

Data file: Sudan-2022-ISES-full-data.dta

### Overview

Valid: 1410 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)	25	1.8%
1	Yes	638	45.2%
2	No	747	53%

## R2D: Reason not registered: informal Payments if Registered

Data file: Sudan-2022-ISES-full-data.dta

### Overview

Valid: 1410 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)	24	1.7%
1	Yes	598	42.4%
2	No	788	55.9%

## R6A: Benefit If Registered: Better access to Financing or Loans

Data file: Sudan-2022-ISES-full-data.dta

### Overview

Valid: 1410 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)	14	1%
-7	Does not apply (spontaneous)	28	2%
1	Yes	732	51.9%
2	No	636	45.1%

### R6B: Benefit of Registered: access to Raw Mat., infrastr. and Govt Services

Data file: Sudan-2022-ISES-full-data.dta

#### Overview

Valid: 1410 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)	14	1%
-7	Does not apply (spontaneous)	32	2.3%
1	Yes	709	50.3%
2	No	655	46.5%

### R6C: Benefit If Registered: Less Bribes to Pay

Data file: Sudan-2022-ISES-full-data.dta

#### Overview

Valid: 1410 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)	19	1.3%
-7	Does not apply (spontaneous)	28	2%
1	Yes	628	44.5%
2	No	735	52.1%

**R6D: Benefit If Registered: Better access to Potential Customers****Data file: Sudan-2022-ISES-full-data.dta****Overview**

Valid: 1410    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)	12	0.9%
-7	Does not apply (spontaneous)	27	1.9%
1	Yes	692	49.1%
2	No	679	48.2%

**R10: How Prices Compare to Similar products / services of Registered Businesses****Data file: Sudan-2022-ISES-full-data.dta****Overview**

Valid: 1410    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)	26	1.8%
1	Lower	519	36.8%
2	Roughly the same	781	55.4%
3	Higher	84	6%

**R5: Have to Give Gifts, informal Payments or Bribes to Remain in Business****Data file: Sudan-2022-ISES-full-data.dta****Overview**

Valid: 1410    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)	5	0.4%
-8	Refusal (spontaneous)	14	1%
1	Yes	361	25.6%
2	No	1030	73%

### N2A: Total Cost of Labor in the Last Month

Data file: Sudan-2022-ISES-full-data.dta

#### Overview

Valid: 1407 Invalid: 3 Minimum: -9 Maximum: 12000000  
 Type: Discrete Decimal: 0 Width: 8 Range: -9 - 12000000 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	59	20.8%
-7	Does not apply (spontaneous)	224	79.2%
Sysmiss		3	

### N2C: Total Cost of Electricity in the Last Month

Data file: Sudan-2022-ISES-full-data.dta

#### Overview

Valid: 1410 Invalid: Minimum: -9 Maximum: 360000  
 Type: Discrete Decimal: 0 Width: 6 Range: -9 - 360000 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	23	1.6%
-7	Does not apply (spontaneous)	601	42.6%
0		321	22.8%
2		2	0.1%
5		2	0.1%

7		2	0.1%
10		1	0.1%
15		2	0.1%
20		2	0.1%
30		2	0.1%
50		3	0.2%
100		2	0.1%
200		1	0.1%
300		3	0.2%
500		12	0.9%
1000		45	3.2%
1500		5	0.4%
2000		38	2.7%
3000		26	1.8%
3500		1	0.1%
4000		13	0.9%
4500		2	0.1%
4800		1	0.1%
5000		66	4.7%
6000		7	0.5%
7000		10	0.7%
7500		1	0.1%
8000		10	0.7%
9000		2	0.1%
10000		61	4.3%
11500		1	0.1%
12000		2	0.1%
13000		5	0.4%
15000		25	1.8%
16000		2	0.1%
20000		27	1.9%
21000		3	0.2%
25000		4	0.3%
28000		1	0.1%
30000		21	1.5%
35000		3	0.2%
40000		8	0.6%
45000		2	0.1%
50000		21	1.5%

55000		2	0.1%
60000		6	0.4%
70000		2	0.1%
80000		3	0.2%
100000		3	0.2%
105000		1	0.1%
360000		1	0.1%

### N3: Business or activity Uses any Machinery or Equipment

Data file: Sudan-2022-ISES-full-data.dta

#### Overview

Valid: 1410 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	0.3%
1	Yes	436	30.9%
2	No	970	68.8%

### N4: Business or activity Uses Vehicles

Data file: Sudan-2022-ISES-full-data.dta

#### Overview

Valid: 1410 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	0.3%
1	Yes	258	18.3%
2	No	1148	81.4%

**N7: Profitability of the Business in the Last Month****Data file: Sudan-2022-ISES-full-data.dta****Overview**

Valid: 1407    Invalid: 3    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)	14	1%
1	Profit	588	41.8%
2	Loss	55	3.9%
3	Zero profit	750	53.3%
Sysmiss		3	

**N7A: Net Profits/ Losses in the Last Month****Data file: Sudan-2022-ISES-full-data.dta****Overview**

Valid: 644    Invalid: 766    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)	41	100%
Sysmiss		766	

**A15D: Day****Data file: Sudan-2022-ISES-full-data.dta****Overview**

Valid: 1410    Invalid:    Minimum: 1    Maximum: 31  
 Type: Discrete    Decimal: 0    Width: 2    Range: 1 - 31    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
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1		35	2.5%
2		22	1.6%
3		19	1.3%
4		15	1.1%
5		55	3.9%
6		31	2.2%
7		39	2.8%
8		25	1.8%
9		51	3.6%
10		58	4.1%
11		37	2.6%
12		38	2.7%
13		12	0.9%
14		29	2.1%
15		44	3.1%
16		35	2.5%
17		62	4.4%
18		60	4.3%
19		75	5.3%
20		85	6%
21		72	5.1%
22		23	1.6%
23		52	3.7%
24		42	3%
25		61	4.3%
26		93	6.6%
27		50	3.5%
28		58	4.1%
29		27	1.9%
30		64	4.5%
31		41	2.9%

## A15M: Month

Data file: Sudan-2022-ISES-full-data.dta

### Overview

Valid: 1410   Invalid:   Minimum: 1   Maximum: 12  
 Type: Discrete   Decimal: 0   Width: 2   Range: 1 - 12   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	January	123	8.7%
2	February	0	0%
3	March	377	26.7%
4	April	7	0.5%
5	May	139	9.9%
6	June	280	19.9%
7	July	170	12.1%
8	August	153	10.9%
9	September	65	4.6%
10	October	3	0.2%
11	November	25	1.8%
12	December	68	4.8%

### A15H: Hour

Data file: Sudan-2022-ISES-full-data.dta

### Overview

Valid: 1410   Invalid:   Minimum: 1   Maximum: 23  
 Type: Discrete   Decimal: 0   Width: 2   Range: 1 - 23   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		1	0.1%
2		1	0.1%
6		1	0.1%
7		9	0.6%
8		36	2.6%
9		89	6.3%
10		146	10.4%
11		170	12.1%
12		167	11.8%
13		173	12.3%
14		165	11.7%



15		132	9.4%
16		125	8.9%
17		95	6.7%
18		37	2.6%
19		34	2.4%
20		11	0.8%
21		11	0.8%
22		2	0.1%
23		5	0.4%

### A15MIN: Minutes

Data file: Sudan-2022-ISES-full-data.dta

#### Overview

Valid: 1410 Invalid: Minimum: 0 Maximum: 59  
 Type: Continuous Decimal: 0 Width: 2 Range: 0 - 59 Format: Numeric

### WWEAK: Interview Weight According to Weak Eligibility (including all refusals)

Data file: Sudan-2022-ISES-full-data.dta

#### Overview

Valid: 1410 Invalid: Minimum: 1.34375 Maximum: 6030.63134765625  
 Type: Continuous Decimal: 0 Width: 18 Range: 1.34375 - 6030.63134765625 Format: Numeric

### WMEDIAN: Interview Weight According to Median Eligibility (including refusals that don't

Data file: Sudan-2022-ISES-full-data.dta

#### Overview

Valid: 1410 Invalid: Minimum: 1.34375 Maximum: 5994.30224609375  
 Type: Continuous Decimal: 0 Width: 18 Range: 1.34375 - 5994.30224609375 Format: Numeric

### WSTRICT: Interview Weight According to Strict Eligibility (only confirmed informal busine

Data file: Sudan-2022-ISES-full-data.dta

#### Overview

Valid: 1410 Invalid: Minimum: 1.34375 Maximum: 5921.64404296875  
 Type: Continuous Decimal: 0 Width: 18 Range: 1.34375 - 5921.64404296875 Format: Numeric

**STRATIFICATIONREGIONCODE: Stratification Region Code****Data file: Sudan-2022-ISES-full-data.dta****Overview**

Valid: 1410   Invalid:   Minimum: 1   Maximum: 3  
 Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 3   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	Khartoum	543	38.5%
2	Omdurman	544	38.6%
3	Port Sudan	323	22.9%

**STRATIFICATIONPROBABILITYCODE: Stratification Probability Code****Data file: Sudan-2022-ISES-full-data.dta****Overview**

Valid: 1410   Invalid:   Minimum: 1   Maximum: 7  
 Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 7   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	Residential	337	23.9%
2	Commercial	320	22.7%
3	Mixed (Residential/Commercial/Industrial)	294	20.9%
4	Market Center	204	14.5%
5	Open Area	46	3.3%
7	Industrial	209	14.8%

**STRATA: Strata****Data file: Sudan-2022-ISES-full-data.dta****Overview**

Valid: 1410   Invalid:   Minimum: 1   Maximum: 18  
 Type: Discrete   Decimal: 0   Width: 2   Range: 1 - 18   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		106	7.5%
2		281	19.9%
3		13	0.9%
4		64	4.5%
5		44	3.1%
6		35	2.5%
7		127	9%
8		13	0.9%
9		146	10.4%
10		98	7%
11		1	0.1%
12		159	11.3%
13		104	7.4%
14		26	1.8%
15		135	9.6%
16		42	3%
17		1	0.1%
18		15	1.1%

# study\_resources

## questionnaires

### Sudan Informal Sector Enterprise Survey Questionnaire 2022

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title Sudan Informal Sector Enterprise Survey Questionnaire 2022  
authors The World Bank Group  
country Sudan  
language English  
filename Cities\_in\_Sudan\_2022\_ISES\_Questionnaire.pdf

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## technical\_documents

### The Informal Sector Enterprise Surveys in Cities in Sudan 2022, Implementation Report

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title The Informal Sector Enterprise Surveys in Cities in Sudan 2022, Implementation Report  
authors The World Bank Group  
country Sudan  
language English  
filename Cities\_in\_Sudan\_2022\_ISES\_Implementation\_Report.pdf

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