

World Bank Enterprise Survey 2023

World Bank Group (WBG)

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Identification

SURVEY ID NUMBER

MKD_2023_WBES_v01_M

TITLE

World Bank Enterprise Survey 2023

ABBREVIATION OR ACRONYM

WBES 2023

COUNTRY

Name	Country code
North Macedonia	MKD

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 209,000 firms in 158 countries with a total of 306 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 North Macedonia 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 Central Registry.

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). 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 North Macedonia 2023 World Bank Enterprise Survey Implementation Report" for detailed methodology on sampling.

RESPONSE RATE

Overall survey response rate was 47.6%.

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 North Macedonia 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
2023-04	2023-12

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 North Macedonia 2023 WBES were conducted between April 2023 and February 2024. The interviews were conducted in Macedonian. For monetary variables, the currency was Macedonian Denar.

The fieldwork for the North Macedonia 2023 WBES was implemented by Kapa Research, with a subcontractor of Indago.

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>).

The questionnaire implemented in the North Macedonia 2023 WBES included additional questions tailored for the Business Ready Report covering infrastructure, trade, government regulations, finance, labor, and other topics.

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.

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 North Macedonia 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, i.e., those that participated in the North Macedonia 2019 WBES. 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

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CITATION REQUIREMENTS

The World Bank Group. North Macedonia - World Bank Enterprise Survey (WBES) 2023, Ref. MKD_2023_WBES_v01_M. Dataset downloaded from <https://www.enterprisesurveys.org/en/data> on [date].

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Metadata production

DDI DOCUMENT ID

DDI_MKD_2023_WBES_v01_M_WB

PRODUCERS

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

DATE OF METADATA PRODUCTION

2025-01-21

DDI DOCUMENT VERSION

Version 01 (January 2025)

data_dictionary

Data file	Cases	variables
North-Macedonia-2023-full-data.dta North Macedonia 2023 World Bank Enterprise Survey full data	354	355

Data file: North-Macedonia-2023-full-data.dta

North Macedonia 2023 World Bank Enterprise Survey full data

Cases: 354

variables: 355

variables

ID	Name	Label	Question
V1	idstd	WEB STD FIRMID	
V2	id	Firm ID	
V3	a4a	Industry Sampling Sector	
V4	a6a	Sampling Size	
V5	a2	Sampling Region	
V6	a1c	Sample Frame Level	
V7	competition_select	Random selection for market competition question	
V8	tax_select	Random selection for market tax compliance question	
V9	vat_applicable	VAT is applicable in economy	
V10	a4b_v4	Industry Screener Sector	
V11	a0	Questionnaire	
V12	a3a	Region of The Establishment	
V13	a6c	Screener Size	
V14	a7	Establishment part of a multi-establishment Firm?	
V15	panel	Panel Code	
V16	a1a	Language of The Interview	
V17	a14d	Day	
V18	a14m	Month	
V19	a14y	Year	
V20	a14h	Hour	
V21	a14min	Minutes	
V22	a20y	Close Year of The Last Completed Fiscal Year	
V23	a20m	Close Month of The Last Completed Fiscal Year	
V24	a20d	Close Day of The Last Completed Fiscal Year	
V25	a1	Country Code	
V26	a12	Interviewer Number	
V27	a7a	Number of Establishments In The Firm	
V28	a7b	Is This Establishment The Headquarters Location?	
V29	a11	If Hq, Financial Statements Independent of The Rest of Establishment	
V30	a7c	Does This Headquarters Location Engage In Production or Sales At This Location?	
V31	a9	Establishment'S Financial Statements Prepared Separately From Hq Statements	
V32	b1	Legal Status of The Firm	
V33	b1_MK	Legal Status (Macedonia)	
V34	b1x	Other (Specify)	
V35	b3a	Is the largest owner also the top manager	
V36	b2a	% Owned By Private Domestic Individuals, Companies or organizations	
V37	b2b	% Owned By Private Foreign Individuals, Companies or organizations	

ID	Name	Label	Question
V38	b2c	% Owned By Government/State	
V39	b2d	% Owned By Other	
V40	b4	Amongst The Owners of The Firm, Are There Any Females?	
V41	b4a	% of The Firm Owned By Females	
V42	b5	Year Establishment Began Operations	
V43	b6	Number of Full-Time Employees of The Establishment When It Started Operations	
V44	b6b	In What Year Was This Establishment Formally Registered?	
V45	b7	How Many Years of Experience Working In This Sector Does The Top Manager Have?	
V46	b7a	Is The Top Manager Female?	
V47	b8	Does Establishment Have An Internationally-Recognized Quality Certification?	
V48	b8x	Specify The Internationally-Recognized Quality Certifications	
V49	c3	Application To Obtain An Electrical Connection Submitted Over The Last 2 Years	
V50	c4	How Many Days Did It Take For You To Receive An Electrical Connection Service?	
V51	c5	Informal Gift/Payment Expected or Requested For An Electrical Connection?	
V52	c31	Cost to obtain electrical connection	
V53	c32	Electricity consumption in a typical month (kWh)	
V54	c6	Over Last FY, Did This Establishment Experience Power Outages?	
V55	c7	Number of Power Outages Experienced In A Typical Month In Last Fiscal Year	
V56	c8a	Average Duration of Power Outages: Hours	
V57	c8b	Average Duration of Power Outages: Minutes	
V58	c9a	In Last FY, Losses As % of Annual Sales Due To Power Outages	
V59	c9b	In Last FY, Value of Losses Due To Power Outages	
V60	c10	Generator Shared or Owned Over The Course of Last Fiscal Year?	
V61	c11	% Electricity From Generator Owned/Shared By The Establishment In Last FY	
V62	c12	Application To Obtain A Water Connection Submitted Over The Last 2 Years	
V63	c13	How Many Days Did It Take For You To Obtain A Water Connection?	
V64	c14	When You Applied For A Water Connection, Was An Informal Gift/Payment Requested?	
V65	c33	Cost to obtain water connection	
V66	c34	Water consumption in a typical month	
V67	c34b	Unit measure of answer to c34	
V68	c34bx	Other (Specify)	
V69	c152	Did You Experience Insufficient Water Supply In Last FY?	
V70	c162	Frequency of Incidents of Water Shortages In A Typical Month In Last FY	
V71	c172	Average Length of Water Shortages In Last Fiscal Year	
V72	c35a	In Last FY, Losses As % of Annual Sales Due To Water Shortages	
V73	c35b	In Last FY, Value of Losses Due To Water Shortages	
V74	c22b	Establishment Has Its Own Website	
V75	c36	Application To Obtain Fixed Broadband Internet Connection Over The Last 2 Years	
V76	c37	How Many Days Did It Take For You To Obtain Internet Connection?	
V77	c38	Cost to obtain Internet connection	
V78	c39	Did You Experience Internet Disruptions In Last FY?	
V79	c40a	Average Length of Internet Disruptions: Hours	
V80	c40b	Average Length of Internet Disruptions: Minutes	
V81	c41a	In Last FY, Losses As % of Annual Sales Due To Internet Disruptions	

ID	Name	Label	Question
V82	c41b	In Last FY, Value of Losses Due To Internet Disruptions	
V83	c42	How difficult to switch internet providers?	
V84	c30a	How Much of An Obstacle: Electricity To Operations of This Establishment?	
V85	d1a1a	Establishment'S Main Product/Service Last FY	
V86	d1a6a	Total number of hotel rooms in the last FY	
V87	d1a6b	Total areas of rooms in the last FY	
V88	d1a6c	Specify units	
V89	d1a6cx	Other (Specify)	
V90	d1a3	Main Product/Service: Percent of Total Annual Sales	
V91	d2	In Last Fiscal Year, What Were This Establishment's Total Annual Sales?	
V92	d2x	Please Also Write Out The Number	
V93	d2a1	What were the establishment's sales 2 years ago?	
V94	d2a1x	Please Also Write Out The Number	
V95	n3	What were the establishment's sales 3 years ago?	
V96	n3x	Please Also Write Out The Number	
V97	d3a	% of Sales: National Sales	
V98	d3b	% of Sales: Indirect Exports	
V99	d3c	% of Sales: Direct Exports	
V100	d31x	Main destination of exports (country code)	
V101	d32	Main point of exit	
V102	d4a	In Last FY, Avg. Num. of Days For Exported Goods To Clear Customs?	
V103	d4b	If less than a day, total hours for exported goods to clear customs	
V104	d33a	In Last FY, Avg. Num. of Days For Exported Goods To Clear all border control age	
V105	d33b	If less than a day, total hours for exported goods to clear all border control a	
V106	d34	FCA costs to comply with all export requirements (% of value of goods exported)	
V107	d35	Any exports shipped by main parcel?	
V108	d36a	In Last FY, Avg. Num. of Days For Exported Goods To Clear all border control age	
V109	d36b	If less than a day, total hours for exported goods to clear all border control a	
V110	d37	Average cost of digital exports (% of value of goods)	
V111	d8	In What Year Did This Establishment First Export Directly or Indirectly?	
V112	d12a	% of Material Inputs And Supplies of Domestic origin In Last Fiscal Year	
V113	d12b	% of Material Inputs And Supplies of Foreign origin In Last Fiscal Year	
V114	d13	Were Any of These Material Inputs And Supplies Imported Directly?	
V115	d38x	Main origin of imports (country code)	
V116	d39	Main point of entry	
V117	d14a	Avg. Num. of Days For Imported Goods To Clear Customs In Last Fiscal Year	
V118	d14b	If less than a day, total hours for imported goods to clear customs	
V119	d40a	In Last FY, Avg. Num. of Days For Imported Goods To Clear all border control age	
V120	d40b	If less than a day, total hours for imported goods to clear all border control a	
V121	d41	DAP costs to comply with all import requirements (% of value of goods imported)	
V122	d30a	How Much of An Obstacle: Transport?	
V123	d30b	How Much of An Obstacle: Customs And Trade Regulations?	
V124	o1	In the last three years, establishment had any commercial dispute?	
V125	o2	Use of courts, arbitration etc. to (or attempt to) resolve commercial dispute?	
V126	o3a	Reliable alternative to courts for resolving commercial disputes: Arbitration?	

ID	Name	Label	Question
V127	o3b	Reliable alternative to courts for resolving commercial disputes:Mediation etc.?	
V128	r1	What Happened When Problem In The Production Process/Services Provision Arose?	
V129	r2	Did This Establishment Monitor Any Production/Service Performance Indicators?	
V130	r3	How Many Production/Service Provision Performance Indicators Were Monitored?	
V131	r4	Did This Establishment Have Production/Service Provision Targets?	
V132	r5	What Best Describes The Time Frame of Production/Service Provision Targets?	
V133	r6	How Easy To Achieve Its Production/Service Provision Targets?	
V134	r7	Who Was Aware of The Production/Service Provision Targets At This Establishment?	
V135	r8	Was There Performance Bonuses Based On Production/Service Provision Targets?	
V136	r9	What Were Managers' Performance Bonuses Usually Based On?	
V137	r10	What Was The Primary Way Non-Managers Were Promoted?	
V138	r11	When Was An Under-Performing Non-Manager Reassigned or Dismissed?	
V139	e1	In Last FY, Main Market For Establishment'S Main Product	
V140	e2b	Competitors For The Main Product/Service In The Main Market	
V141	e31a	Market share of largest competitor in the last fiscal year	
V142	e31b	Market share of largest competitor in the last fiscal year	
V143	e6	Do You Use Technology Licensed From A Foreign-Owned Company?	
V144	e11	Does This Establishment Compete Against Unregistered or Informal Firms?	
V145	e32	Change in competition in the last year?	
V146	e33	Establishment can increase prices more than competitors without losing customers	
V147	e34	SOEs operating in the establishment's main market?	
V148	e35	How SOE affects ability to grow and expand?	
V149	e30	How Much of An Obstacle: Practices of Competitors In Informal Sector?	
V150	h1	New Products/Services Introduced Over Last 3 Yrs	
V151	h2	New Products/Services Also New For Thr Establishment'S Main Market	
V152	h3x	Describe In Detail The Main New or Significantly Improved Product or Service	
V153	h4x	Describe How The Main New/Significantly Improved Product or Service Is Different	
V154	h5	During Last 3 Yrs, Establishment Introduced New/Significantly Improved Process	
V155	h6x	Describe Main New/Significantly Improved Process This Establishment Introduced	
V156	h7x	How The Main New/Significantly Improved Process Is Different	
V157	h8	During Last Fiscal Year, Establishment Spent On R&D (Excl Market Research)?	
V158	h9	How Much Spent On R&D, Either In-House or External?	
V159	f1	In Last FY, What Was The Capacity Utilization (%) of This Establishment?	
V160	g2	Applic. To Obtain A Construction-Related Permit Submitted Over The Last 2 Years	
V161	g3	How Many Days Did It Take For You To Obtain A Construction-Related Permit?	
V162	g4	Informal Gift/Payment Expected or Requested For A Construction-Related Permit	
V163	g31	In last 2 years, establishment applied for occupancy permit	
V164	g32	Wait for occupancy permit	
V165	g33	Cost of occupancy permit	
V166	g5a	What Is The Total Selling Area In This Establishment?	
V167	g5b	The Area Is Measured In:	
V168	g5bx	Specify Other Units (If Not Included Above) The Area Is Measured In	
V169	g30a	How Much of An Obstacle: Access To Land?	

ID	Name	Label	Question
V170	ge3	Experience damage of physical assets due to extreme weather events?	
V171	ge3a	Monetary damage of physical assets?	
V172	ge7	Over the last 3 years, establishment monitor its CO2 emissions?	
V173	ge8d	Over last 3 years, establishment adopt energy management measures?	
V174	k3a	% of Working Capital Financed From Internal Funds/Retained Earnings	
V175	k3bc	% of Working Capital Borrowed From Banks	
V176	k3e	% of Working Capital Borrowed From Non-Bank Financial Institutions	
V177	k3f	% of Working Capital Purchased On Credit/Advances From Suppliers /Customers	
V178	k3hd	% of Working Capital Financed By Other (Money Lenders, Friends, Relatives, Etc)	
V179	k4	Did This Establishment Purchase Any Fixed Assets In Last FY?	
V180	n5a	Total Annual Expenditure For Purchases of Equipment In Last FY	
V181	n5b	Total Annual Expenditure For Purchases of Land And Buildings In Last FY	
V182	k5a	Last FY, % Fixed Assets Funded By: Internal Funds/Retained Earnings	
V183	k5a1	Fixed Assets - Value Internal Funds or Retained Earnings	
V184	k5i	Last FY, % Fixed Assets Funded By: Ownersâ€™ Contributions or Issued New Equity	
V185	k5i1	Fixed Assets - Value Ownersâ€™ Contribution or Issued New Equity Shares	
V186	k5bc	Last FY, % Fixed Assets Funded By: Bank Borrowing	
V187	k5bc1	Fixed Assets - Value Borrowed From Banks	
V188	k5e	Last FY, % Fixed Assets Funded By: Non-Bank Financial Institutions	
V189	k5e1	Fixed Assets - Value Borrowed From Non-Bank Financial Institutions	
V190	k5f	Last FY, % Fixed Assets Funded By: Credit From Suppliers/Advances From Customers	
V191	k5f1	Fixed Assets - Value Purchases On Credit From Suppliers, Advances From Customers	
V192	k5hdj	Last FY, % Fixed Assets Funded By: Other (Money Lenders\Friends\Relatives\Etc)	
V193	k5hdj1	Fixed Assets - Value Other	
V194	k4b	Purchase Any New/Used Fixed Assets?	
V195	n5c	Total Annual Expenditure For Purchases of Equipment In Year Prior To Last FY	
V196	n5d	Total Annual Expenditure On Land And Buildings In Year Prior To Last FY	
V197	k6	Does This Establishment Have A Checking And/or Saving Account?	
V198	k7	At This Time, Does This Establishment Have An Overdraft Facility?	
V199	k82	Establishment Has A Line of Credit or Loan From A Financial Institution?	
V200	k9	Type of Financial Institution That Granted The Line of Credit or Loan	
V201	k10	Year When The Most Recent Loan/Line of Credit Approved	
V202	k11	For The Most Recent Loan, What Was The Value At The Time of Approval?	
V203	k13	Financing Required For The Most Recent Line of Credit or Loan	
V204	k14a	Type of Collateral Required For The Most Recent Loan? Land, Buildings	
V205	k14b	Type of Collateral Required For The Most Recent Loan? Equipment	
V206	k14c	Type of Collateral Required For The Most Recent Loan? Accounts	
V207	k14d	Type of Collateral Required For The Most Recent Loan? Personal Assets	
V208	k14e	Type of Collateral Required For The Most Recent Loan? Other	
V209	k15a	Value of Collateral Required For The Most Recent Credit/Loan	
V210	k15b	Total Number of Open Lines of Credit and Outstanding Loans	
V211	k15c	Total Outstanding Balance of All Open Lines of Credit and Loans (LCU)	
V212	k15d	Outstanding Personal Loans Used To Finance Establishment'S Business Activities?	

ID	Name	Label	Question
V213	k162	In Last FY, Did Establishment Apply For New Loans/Lines of Credit?	
V214	k17	Main Reason For Not Applying For New Loans or New Lines of Credit	
V215	k20a1	What Was The Outcome of That Most Recent Application For Loan/Line of Credit?	
V216	k31	Total cost to apply for most recent loan	
V217	k32	Days to receive a decision about most recent loan application	
V218	k21	Financial Statements Checked & Certified By External Auditor In Last FY?	
V219	k33	Percentage of payments received using e-payments	
V220	k34	Main type of e-payment accepted	
V221	k35	Avg. days to receive main type of e-payment	
V222	k36	Cost per transaction (% of transaction) to receive main type of e-payment	
V223	k37	Monthly fees and subscription costs to receive main type of e-payment	
V224	k38	Percentage of payments made using e-payments	
V225	k39	Main type of e-payment used to make payments	
V226	k40	Cost per transaction (% of transaction) to make main type of e-payment	
V227	k30	How Much of An Obstacle: Access To Finance	
V228	j31	In resolving commercial disputes, courts are independent and impartial	
V229	j2	What % of Senior Management Time Was Spent In Dealing With Govt Regulations?	
V230	j3	Over The Last 12 Months, Was This Establishment Inspected By Tax officials?	
V231	j4	Frequency of Inspections/Requirement For Meeting By Tax officials	
V232	j5	In Any of These Inspections Was A Gift/Informal Payment Requested ?	
V233	j32	Did any of these visits or meetings consist of a tax audit?	
V234	j33	Weeks until final audit report was received	
V235	j34	Establishment outsourced some tax-related activities in the last FY	
V236	j35a	Total annual time spent on tax compliance (hours)	
V237	j35b	Average monthly time spent on tax compliance (hours)	
V238	j36	In last FY, did establishment file taxes electronically	
V239	j37	In last FY, did establishment pay taxes electronically	
V240	j38	In the last 3 yrs., establishment has applied for a VAT refund	
V241	j39	Weeks to receive VAT refund	
V242	j40	Main reason for not applying for a VAT tax refund	
V243	j6a	Government Contract Secured (or Attempted) In The Last 12 Months?	
V244	j41	Degree of difficulty to comply with govt contract tender requirements	
V245	j42	Establishment has held a govt contract in last 3 yrs?	
V246	j43	Typical number of days to receive payment under govt contract	
V247	j7a	Percent of Total Annual Sales Paid In Informal Payments	
V248	j7b	Total Annual Informal Payment	
V249	j10	Application To Obtain An Import License Submitted Over The Last 2 Years?	
V250	j11	How Many Days Did It Take To Obtain Your Import License?	
V251	j12	When You Applied For An Import License, Was An Informal Gift/Payment Requested?	
V252	j13	Application To Obtain An Operating License Submitted Over Last 2 Years?	
V253	j14	How Many Days Did It Take To Obtain Your Operating License?	
V254	j15	When You Applied For Operating License Was An Informal Gift/Payment Requested?	
V255	j30a	How Much of An Obstacle: Tax Rates	

ID	Name	Label	Question
V256	j30b	How Much of An Obstacle: Tax Administrations	
V257	j30c	How Much of An Obstacle: Business Licensing And Permits	
V258	j30e	How Much of An Obstacle: Political Instability	
V259	j30f	How Much of An Obstacle: Corruption	
V260	h30	How Much of An Obstacle: Courts	
V261	i30	How Much of An Obstacle: Crime, Theft And Disorder?	
V262	j30_taxrate_pos	J30: rotation position 1	
V263	j30_taxadmin_pos	J30: rotation position 2	
V264	j30_permit_pos	J30: rotation position 3	
V265	j30_instability_pos	J30: rotation position 4	
V266	j30_corruption_pos	J30: rotation position 5	
V267	j30_courts_pos	J30: rotation position 6	
V268	j30_crime_pos	J30: rotation position 7	
V269	l1	Num. Permanent, Full-Time Employees At End of Last Fiscal Year	
V270	l2	Num. Permanent, Full-Time Employees At End of 3 Fiscal Years Ago	
V271	l3a	Num. Full-Time Employees At End of Last FY: Production Workers	
V272	l3b	Num. Full-Time Employees At End of Last FY: Non-Production Workers	
V273	l4a1	Num. of Permanent, Full-Time Skilled Production Workers, Last FY	
V274	l4a2	Num. of Permanent, Full-Time Semi-skilled Production Workers, Last FY	
V275	l4b	Num. of Permanent, Full-Time Low-skilled Production Workers, Last FY	
V276	l5a	Num. Full-Time Employees At End of Last FY: Female Production Workers	
V277	l5b	Num. Full-Time Employees At End of Last FY: Female Non-Production Workers	
V278	l5	Num. Full-Time Employees At End of Last FY: Female	
V279	l9b	% of Full Time Workers Completed High School End of Last FY	
V280	l9b1	Number of Full Time Workers Completed High School	
V281	l10	Formal Training Programs For Permanent, Full-Time Employees In Last FY	
V282	l11a	% Permanent Full-Time Production Employees Received Formal Training In Last FY	
V283	l11a1	Training Programs Amount: Production Full-Time Permanent Employees Trained	
V284	l11b	% Permanent Fulltime Nonproduction Employees Received Formal Training In Last FY	
V285	l11b1	Training Programs Amount:Non-Production Full-Time Permanent Employees Trained	
V286	l12a	% Permanent Full-Time Female Employees Received Formal Training In Last FY	
V287	l12a1	Training Programs Amount: Full-Time Permanent Female Employees Trained	
V288	l31	In the last FY, number of workers establishment needed to hire	
V289	l32	In the last FY, number of workers establishment hired	
V290	l33	Main reason establishment did not hire more workers in the last FY	
V291	l34	In the last 3 yrs., establishment has dismissed any permanent, full-time workers	
V292	l35	Typical number of weeks to dismiss full-time permanent worker	
V293	l36	Typical number of weeks paid in severance	
V294	l1a	Num. Part-time Employees At End of Last Fiscal Year	
V295	l6	Num. Full-Time Temporary Employees At End of Last FY	
V296	l6a	Female Temporary, Full-Time Workers Employed Throughout Last FY	
V297	l8	Avg. Length of Employment of All Full-Time Temporary Employees In Last FY	
V298	l37	In the last 3 yrs., establishment has been involved in any labor dispute	

ID	Name	Label	Question
V299	I38	Typical number of weeks to resolve labor dispute	
V300	I39	Cost to resolve labor dispute	
V301	I40	In last FY, was establishment visited by health and safety inspectors	
V302	I41	Was a report issued for health and safety inspection	
V303	I30a	How Much of An Obstacle: Labor Regulations?	
V304	I30b	How Much of An Obstacle: Inadequately Educated Workforce?	
V305	m1a	Biggest Obstacle Affecting The Operation of This Establishment	
V306	m1a_finance_pos	m1a: Position of Access to Finance	
V307	m1a_land_pos	m1a: Position of Access to land	
V308	m1a_permit_pos	m1a: Position of Business licensing and permits	
V309	m1a_corruption_pos	m1a: Position of corruption	
V310	m1a_courts_pos	m1a: Position of Courts	
V311	m1a_crime_pos	m1a: Position of Crime, theft and disorder	
V312	m1a_trade_pos	m1a: Position of Customs and trade regulations	
V313	m1a_electricity_pos	m1a: Position of Electricity	
V314	m1a_workforce_pos	m1a: Position of Inadequately educated workforce	
V315	m1a_labor_pos	m1a: Position of Labor regulations	
V316	m1a_instability_pos	m1a: Position of Political instability	
V317	m1a_informal_pos	m1a: Position of Practices of competitors in the informal sector	
V318	m1a_taxadmin_pos	m1a: Position of Tax administration	
V319	m1a_taxrate_pos	m1a: Position of Tax rates	
V320	m1a_transport_pos	m1a: Position of Transport	
V321	n2a	Total Labor Cost (Incl. Wages, Salaries, Bonuses, Etc) In Last Fiscal Year	
V322	n2a2	Social security payments and employment-based taxes	
V323	n2b	Total Annual Costs of Electricity In Last Fiscal Year	
V324	n2k	Total Annual Cost of Water	
V325	n2l	Total Annual Cost of high-speed, fixed broadband internet	
V326	n2e	Cost of Raw Materials And Intermediate Goods Used In Prod. In Last Fiscal Year	
V327	n2i	Total Annual Cost of Finished Goods/Materials Bought To Resell In Last FY	
V328	n2a1	Total Labor Cost (Incl. Wages, Salaries, Bonuses, Etc) 2 fiscal years ago	
V329	n2e1	Total Cost of Raw Materials And Intermediate Goods Used In Production	
V330	n7a	Cost For Establishment To Re-Purchase All of Its Machinery	
V331	n11	Effective income-based tax rate	
V332	n12	Effective consumption tax rate	
V333	a15d	Day	
V334	a15m	Month	
V335	a15y	Year	
V336	a15h	Hour	
V337	a15min	Minutes	
V338	a16	Perception of The Questions Regarding Opinions And Perceptions	
V339	a17	Responses To The Questions About Figures Are	
V340	a18	This Questionnaire Was Completed In:	
V341	a19h	If Option 2 or 3 In A.18, Estimate Duration of The Whole Interview: Hours	
V342	a19m	If Option 2 or 3 In A.18, Estimate Duration of The Whole Interview: Minutes	
V343	a13	Supervisor Number	

ID	Name	Label	Question
V344	a3b	official Capital City?	
V345	a3c	Main Business City?	
V346	a3	Size of Locality	
V347	d1a2_v4	Main Product/Service ISIC (Rev. 4) Code	
V348	stratificationregioncode	stratification region code	
V349	stratificationsizecode	stratification size code	
V350	stratificationsectorcode	stratification sector code	
V351	stratificationpanelcode	panel code	
V352	wstrict	Weight according to strict eligibility	
V353	wmedian	Weight according to median eligibility	
V354	wweak	Weight according to weak eligibility	
V355	strata	see notes	

total: 355

IDSTD: WEB STD FIRMID**Data file: North-Macedonia-2023-full-data.dta****Overview**

Valid: 354 Invalid: Minimum: 1159268 Maximum: 1159621
 Type: Continuous Decimal: 0 Width: 7 Range: 1159268 - 1159621 Format: Numeric

A4B_V4: Industry Screener Sector**Data file: North-Macedonia-2023-full-data.dta****Overview**

Valid: 354 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	25	7.1%
11	Beverages	11	3.1%
12	Tobacco products	1	0.3%
13	Textiles	4	1.1%
14	Wearing apparel	21	5.9%
15	Leather and related products	2	0.6%
16	Wood and products of wood and cork	1	0.3%
17	Paper and paper products	5	1.4%
18	Printing and reproduction of recorded media	2	0.6%
19	Coke and refined petroleum products	0	0%
20	Chemical and chemical products	0	0%
21	Pharmaceutical products	0	0%
22	Rubber and plastic products	4	1.1%
23	Non-metallic mineral products	7	2%
24	Basic metals	2	0.6%
25	Fabricated metal products	15	4.2%
26	Computer, electronic, and optical products	1	0.3%
27	Electrical equipment	2	0.6%
28	Machinery and equipment	6	1.7%
29	Motor vehicles	4	1.1%
30	Other transport equipment	0	0%
31	Furniture	6	1.7%
32	Other manufacturing	0	0%

33	Repair and installation of machinery and equipment	1	0.3%
41	Construction of buildings	10	2.8%
42	Civil engineering	5	1.4%
43	Specialized construction activities	14	4%
45	Services of motor vehicles	7	2%
46	Wholesale	42	11.9%
47	Retail	98	27.7%
49	Land transport and transport via pipelines	24	6.8%
51	Air transport	0	0%
52	Warehousing and support activities for transportation	1	0.3%
53	Postal and courier activities	0	0%
55	Accommodation	3	0.8%
56	Food and beverage	15	4.2%
58	Publishing activities	0	0%
61	Telecommunications	0	0%
62	Computer programming	5	1.4%
69	Legal and accounting activities	3	0.8%
70	Activities of head offices; management consultancy activities	0	0%
71	Architectural and engineering activities; technical testing and analysis	4	1.1%
72	Scientific research and development	0	0%
73	Advertising and market research	0	0%
74	Other professional, scientific and technical activities	2	0.6%
75	Veterinary activities	0	0%
79	Travel agency, tour operator	0	0%
95	Repair of computers and household goods	1	0.3%

ID: Firm ID

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 Invalid: Minimum: 1 Maximum: 7311
 Type: Continuous Decimal: 0 Width: 4 Range: 1 - 7311 Format: Numeric

A4A: Industry Sampling Sector

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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	120	33.9%
2	Retail	112	31.6%
3	Other Services	122	34.5%

A6A: Sampling Size

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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	134	37.9%
2	Medium	122	34.5%
3	Large	98	27.7%

A2: Sampling Region

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 Invalid: Minimum: 1 Maximum: 3
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 3 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Skopje	111	31.4%
2	Eastern Macedonia	121	34.2%
3	Western Macedonia	122	34.5%

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

Valid: 354 Invalid: Minimum: 2 Maximum: 2
 Type: Discrete Decimal: 0 Width: 1 Range: 2 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Establishment	0	0%
2	Firm	354	100%

COMPETITION_SELECT: Random selection for market competition question**Data file: North-Macedonia-2023-full-data.dta****Overview**

Valid: 354 Invalid: Minimum: 0 Maximum: 1
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		178	50.3%
1		176	49.7%

TAX_SELECT: Random selection for market tax compliance question**Data file: North-Macedonia-2023-full-data.dta****Overview**

Valid: 354 Invalid: Minimum: 0 Maximum: 1
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		197	55.6%
1		157	44.4%

VAT_APPLICABLE: VAT is applicable in economy**Data file: North-Macedonia-2023-full-data.dta****Overview**

Valid: 354 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	354	100%
2	No	0	0%

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

Valid: 354 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	120	33.9%
2	Retail services	100	28.2%
3	Other services	134	37.9%

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

Valid: 354 Invalid: Minimum: 1 Maximum: 3
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 3 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
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1	Skopje	109	30.8%
2	Eastern Macedonia	122	34.5%
3	Western Macedonia	123	34.7%

A6C: Screener Size

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 Invalid: Minimum: 5 Maximum: 5300
 Type: Continuous Decimal: 0 Width: 4 Range: 5 - 5300 Format: Numeric

A7: Establishment part of a multi-establishment Firm?

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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	17	4.8%
2	No	337	95.2%

PANEL: Panel Code

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 Invalid: Minimum: 0 Maximum: 1
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		198	55.9%
1		156	44.1%

A1A: Language of The Interview**Data file: North-Macedonia-2023-full-data.dta****Overview**

Valid: 354 Invalid: Minimum: 1 Maximum: 1
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Macedonian	354	100%

A14D: Day**Data file: North-Macedonia-2023-full-data.dta****Overview**

Valid: 354 Invalid: Minimum: 1 Maximum: 31
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 31 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		6	1.7%
3		7	2%
4		7	2%
5		14	4%
6		17	4.8%
7		12	3.4%
8		13	3.7%
9		9	2.5%
10		11	3.1%
11		12	3.4%
12		9	2.5%
13		11	3.1%
14		19	5.4%
15		13	3.7%
16		8	2.3%
17		8	2.3%
18		16	4.5%

19		13	3.7%
20		12	3.4%
21		15	4.2%
22		10	2.8%
23		11	3.1%
24		11	3.1%
25		11	3.1%
26		17	4.8%
27		15	4.2%
28		16	4.5%
29		10	2.8%
30		10	2.8%
31		11	3.1%

A14M: Month

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 Invalid: Minimum: 4 Maximum: 12

Type: Discrete Decimal: 0 Width: 2 Range: 4 - 12 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
4		6	1.7%
5		30	8.5%
6		86	24.3%
7		109	30.8%
8		74	20.9%
9		22	6.2%
10		11	3.1%
11		7	2%
12		9	2.5%

A14Y: Year

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 Invalid: Minimum: 2023 Maximum: 2023
 Type: Discrete Decimal: 0 Width: 4 Range: 2023 - 2023 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
2023		354	100%

A14H: Hour

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 Invalid: Minimum: 7 Maximum: 20
 Type: Discrete Decimal: 0 Width: 2 Range: 7 - 20 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
7		2	0.6%
8		15	4.2%
9		62	17.5%
10		83	23.4%
11		66	18.6%
12		49	13.8%
13		33	9.3%
14		24	6.8%
15		10	2.8%
16		5	1.4%
17		2	0.6%
18		1	0.3%
19		1	0.3%
20		1	0.3%

A14MIN: Minutes

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 Invalid: Minimum: 0 Maximum: 59
 Type: Continuous Decimal: 0 Width: 2 Range: 0 - 59 Format: Numeric

A20Y: Close Year of The Last Completed Fiscal Year

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 Invalid: Minimum: 2022 Maximum: 2022
 Type: Discrete Decimal: 0 Width: 4 Range: 2022 - 2022 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
2022		354	100%

A20M: Close Month of The Last Completed Fiscal Year

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 Invalid: Minimum: 12 Maximum: 12
 Type: Discrete Decimal: 0 Width: 2 Range: 12 - 12 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
12		354	100%

A20D: Close Day of The Last Completed Fiscal Year

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 Invalid: Minimum: 31 Maximum: 31
 Type: Discrete Decimal: 0 Width: 2 Range: 31 - 31 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
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31		354	100%
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A1: Country Code

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 Invalid: Minimum: 66 Maximum: 66
 Type: Discrete Decimal: 0 Width: 2 Range: 66 - 66 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
66	North Macedonia	354	100%

A12: Interviewer Number

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 Invalid: Minimum: 1 Maximum: 15
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 15 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		26	7.3%
2		24	6.8%
3		30	8.5%
4		35	9.9%
5		7	2%
6		41	11.6%
7		23	6.5%
8		23	6.5%
9		23	6.5%
10		5	1.4%
11		47	13.3%
12		25	7.1%
13		18	5.1%
14		19	5.4%

15		8	2.3%
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A7A: Number of Establishments In The Firm

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 17 Invalid: 337 Minimum: 2 Maximum: 54
 Type: Discrete Decimal: 0 Width: 2 Range: 2 - 54 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
2		5	29.4%
3		2	11.8%
4		3	17.6%
6		3	17.6%
12		1	5.9%
16		1	5.9%
40		1	5.9%
54		1	5.9%
Sysmiss		337	

A7B: Is This Establishment The Headquarters Location?

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 17 Invalid: 337 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	7	41.2%
2	No	10	58.8%
Sysmiss		337	

A11: If Hq, Financial Statements Independent of The Rest of Establishment**Data file:** North-Macedonia-2023-full-data.dta**Overview**

Valid: 7 Invalid: 347 Minimum: 1 Maximum: 1
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	7	100%
2	No	0	0%
Sysmiss		347	

A7C: Does This Headquarters Location Engage In Production or Sales At This Location?**Data file:** North-Macedonia-2023-full-data.dta**Overview**

Valid: 7 Invalid: 347 Minimum: 1 Maximum: 1
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	7	100%
2	No	0	0%
Sysmiss		347	

A9: Establishment'S Financial Statements Prepared Separately From Hq Statements**Data file:** North-Macedonia-2023-full-data.dta**Overview**

Valid: 10 Invalid: 344 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	9	90%

2	No	1	10%
Sysmiss		344	

B1: Legal Status of The Firm

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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	Shareholding company with shares traded on the stock market	18	5.1%
2	Shareholding company with non-traded shares or shares traded privately	129	36.4%
3	Sole proprietorship	205	57.9%
4	Partnership	2	0.6%
5	Limited partnership	0	0%
6	Other	0	0%

B1_MK: Legal Status (Macedonia)

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 Invalid: 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%
1	A.Đ". (Đ"Đ°Ń†Đ, Đ¾Đ½ĐμŃ€ŃŃĐ°Đ¾ Đ'Ń€ŃŃŃ^Ń, Đ²Đ¾) ŃŃĐ¾ Đ°Đ°Ń†Đ, Đ, Ń, Ń€Đ³ŃŃĐ²Đ°Đ½Đ, Đ½Đ° Ń~Đ°Đ²Đ½Đ° Đ±ĐμŃ€Đ°	18	5.1%
2	A.Đ". (Đ"Đ°Ń†Đ, Đ¾Đ½ĐμŃ€ŃŃĐ°Đ¾ Đ'Ń€ŃŃŃ^Ń, Đ²Đ¾) ŃŃĐ¾ Đ°Đ°Ń†Đ, Đ, Đ°Đ¾Đ, ŃŃĐμ Đ¿Ń€Đ, Đ²Đ°Ń, Đ½Đ¾ Ń, Ń€Đ³ŃŃĐ²Đ°Đ½Đ,	8	2.3%
3	Đ".Đž.Đž.Đ•.Đ>. (Đ"Ń€ŃŃŃ^Ń, Đ²Đ¾ ŃŃĐ¾ Đ¾Đ³Ń€Đ°Đ½Đ, Ń†ĐμĐ½Đ° Đ¾Đ'Đ³Đ¾Đ²Đ¾Ń€Đ½Đ¾ŃŃŃ, Đ¾ŃŃŃŃĐ½Đ¾Đ²Đ°Đ½Đ¾ Đ¾Đ'ĐμĐ'Đ½Đ¾ Đ»Đ, Ń†Đμ)	205	57.9%
4	Đ^Đč.Đ". (Đ^Đ°Đ²Đ½Đ¾ Ń, Ń€Đ³Đ¾Đ²ŃŃĐ°Đ¾ Đ'Ń€ŃŃŃ^Ń, Đ²Đ¾)	2	0.6%

5	ĐŠ.Đ". (ĐŠĐ¼Đ¼Đ°Đ½Đ´Đ, Ń,Đ½Đ¾ Đ´Ń€ŃŃŃ^Ń,Đ²Đ¾)	0	0%
6	Đ"Đ ĐŁĐ"Đž (ĐŲĐžĐčĐ•ĐĐĐĐĐˆ)	0	0%
7	Đ".Đž.Đž. (Đ"Ń€ŃŃŃ^Ń,Đ²Đ¾ ŃĐ¾ Đ¾Đ³Ń€Đ°Đ½Đ, ŃĐμĐ½Đ° Đ¾Đ´Đ¾Đ¾Đ²Đ¾Ń€Đ½Đ¾ŃŃŃ,)	121	34.2%
8	ĐŠ.Đ".ĐĐ. (ĐŠĐ¾Đ¼Đ°Đ½Đ´Đ, Ń,Đ½Đ¾ Đ´Ń€ŃŃŃ^Ń,Đ²Đ¾ ŃĐ¾ Đ°Đ°ŃĐ,Đ,)	0	0%

B1X: Other (Specify)

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 Invalid:

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

B3A: Is the largest owner also the top manager

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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	273	77.1%
2	No	81	22.9%

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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	0.3%
0		22	6.2%

1		1	0.3%
2		2	0.6%
3		1	0.3%
7		1	0.3%
40		2	0.6%
49		1	0.3%
50		1	0.3%
51		1	0.3%
66		1	0.3%
80		1	0.3%
85		1	0.3%
93		2	0.6%
98		2	0.6%
100		314	88.7%

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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	0.3%
0		318	89.8%
2		2	0.6%
5		1	0.3%
7		1	0.3%
15		1	0.3%
34		1	0.3%
49		1	0.3%
50		1	0.3%
60		2	0.6%
93		1	0.3%
97		1	0.3%
98		2	0.6%

99		1	0.3%
100		20	5.6%

B2C: % Owned By Government/State

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 Invalid: 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		354	100%

B2D: % Owned By Other

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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		349	98.6%
7		1	0.3%
20		1	0.3%
51		1	0.3%
95		1	0.3%
100		1	0.3%

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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	0.6%
1	Yes	92	26%
2	No	260	73.4%

B4A: % of The Firm Owned By Females

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 92 Invalid: 262 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)	5	5.4%
1		1	1.1%
5		1	1.1%
10		2	2.2%
15		2	2.2%
18		1	1.1%
20		4	4.3%
23		1	1.1%
25		6	6.5%
30		3	3.3%
33		2	2.2%
37		1	1.1%
40		2	2.2%
42		1	1.1%
49		1	1.1%
50		19	20.7%
66		1	1.1%

70		1	1.1%
85		1	1.1%
92		1	1.1%
100		36	39.1%
Sysmiss		262	

B5: Year Establishment Began Operations

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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)	2	0.6%
1922		1	0.3%
1923		1	0.3%
1924		1	0.3%
1947		1	0.3%
1948		1	0.3%
1949		1	0.3%
1952		2	0.6%
1953		1	0.3%
1955		1	0.3%
1956		1	0.3%
1961		1	0.3%
1966		1	0.3%
1973		1	0.3%
1975		2	0.6%
1982		1	0.3%
1983		4	1.1%
1984		1	0.3%
1985		1	0.3%
1988		1	0.3%
1989		5	1.4%
1990		15	4.2%

1991		21	5.9%
1992		16	4.5%
1993		16	4.5%
1994		14	4%
1995		13	3.7%
1996		7	2%
1997		8	2.3%
1998		13	3.7%
1999		18	5.1%
2000		13	3.7%
2001		14	4%
2002		11	3.1%
2003		14	4%
2004		8	2.3%
2005		9	2.5%
2006		16	4.5%
2007		10	2.8%
2008		11	3.1%
2009		9	2.5%
2010		10	2.8%
2011		6	1.7%
2012		9	2.5%
2013		5	1.4%
2014		13	3.7%
2015		6	1.7%
2016		4	1.1%
2017		8	2.3%
2019		3	0.8%
2020		2	0.6%
2022		1	0.3%

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 Invalid: Minimum: -9 Maximum: 600

Type: Discrete Decimal: 0 Width: 3 Range: -9 - 600 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	28	7.9%
1		31	8.8%
2		50	14.1%
3		42	11.9%
4		24	6.8%
5		32	9%
6		14	4%
7		5	1.4%
8		8	2.3%
9		2	0.6%
10		26	7.3%
11		1	0.3%
12		5	1.4%
13		3	0.8%
15		12	3.4%
16		1	0.3%
17		1	0.3%
18		1	0.3%
20		9	2.5%
21		1	0.3%
24		1	0.3%
25		2	0.6%
28		1	0.3%
30		7	2%
31		1	0.3%
32		1	0.3%
35		2	0.6%
38		1	0.3%
40		4	1.1%
42		1	0.3%
50		4	1.1%
55		1	0.3%
60		4	1.1%
71		1	0.3%
78		1	0.3%

80		3	0.8%
85		2	0.6%
87		1	0.3%
100		2	0.6%
120		3	0.8%
130		2	0.6%
140		2	0.6%
240		1	0.3%
250		2	0.6%
300		3	0.8%
350		1	0.3%
400		2	0.6%
550		1	0.3%
600		1	0.3%

B6B: In What Year Was This Establishment Formally Registered?

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 Invalid: Minimum: -9 Maximum: 2021
 Type: Discrete Decimal: 0 Width: 4 Range: -9 - 2021 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	2	0.6%
-7	Never registered (spontaneous)	0	0%
1922		1	0.3%
1923		1	0.3%
1947		1	0.3%
1948		1	0.3%
1952		1	0.3%
1953		1	0.3%
1966		1	0.3%
1973		1	0.3%
1975		2	0.6%
1982		1	0.3%
1983		3	0.8%

1985		1	0.3%
1989		4	1.1%
1990		15	4.2%
1991		22	6.2%
1992		16	4.5%
1993		18	5.1%
1994		13	3.7%
1995		16	4.5%
1996		7	2%
1997		8	2.3%
1998		12	3.4%
1999		20	5.6%
2000		12	3.4%
2001		14	4%
2002		10	2.8%
2003		16	4.5%
2004		10	2.8%
2005		9	2.5%
2006		18	5.1%
2007		10	2.8%
2008		12	3.4%
2009		8	2.3%
2010		10	2.8%
2011		7	2%
2012		9	2.5%
2013		5	1.4%
2014		13	3.7%
2015		6	1.7%
2016		3	0.8%
2017		7	2%
2018		1	0.3%
2019		3	0.8%
2020		2	0.6%
2021		1	0.3%

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 Invalid: Minimum: -9 Maximum: 49

Type: Discrete Decimal: 0 Width: 2 Range: -9 - 49 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	4	1.1%
1	One year or less	1	0.3%
2		2	0.6%
3		1	0.3%
4		3	0.8%
5		2	0.6%
7		5	1.4%
8		7	2%
9		5	1.4%
10		14	4%
11		2	0.6%
12		6	1.7%
13		7	2%
14		2	0.6%
15		22	6.2%
16		3	0.8%
17		8	2.3%
18		6	1.7%
19		4	1.1%
20		39	11%
21		6	1.7%
22		11	3.1%
23		7	2%
24		8	2.3%
25		39	11%
26		7	2%
27		6	1.7%
28		8	2.3%
29		6	1.7%
30		55	15.5%
31		5	1.4%
32		14	4%

33		4	1.1%
34		1	0.3%
35		14	4%
36		1	0.3%
37		1	0.3%
38		1	0.3%
39		2	0.6%
40		10	2.8%
41		2	0.6%
42		1	0.3%
43		1	0.3%
49		1	0.3%

B7A: Is The Top Manager Female?

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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	67	18.9%
2	No	287	81.1%

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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	0.8%

-6	Still in process	4	1.1%
1	Yes	144	40.7%
2	No	203	57.3%

B8X: Specify The Internationally-Recognized Quality Certifications

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 Invalid:
Type: Continuous Width: 105 Range: - Format: character

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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	0.3%
1	Yes	53	15%
2	No	300	84.7%

C4: How Many Days Did It Take For You To Receive An Electrical Connection Service?

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 53 Invalid: 301 Minimum: -9 Maximum: 270
Type: Discrete Decimal: 0 Width: 3 Range: -9 - 270 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	3	5.7%
-6	Still in process	9	17%
-5	Application denied	1	1.9%

1	One day or less	3	5.7%
2		1	1.9%
3		2	3.8%
4		1	1.9%
5		2	3.8%
7		4	7.5%
10		4	7.5%
14		4	7.5%
30		5	9.4%
35		2	3.8%
45		2	3.8%
60		4	7.5%
70		1	1.9%
90		2	3.8%
100		1	1.9%
180		1	1.9%
270		1	1.9%
Sysmiss		301	

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 53 Invalid: 301 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	5.7%
-8	Refusal (spontaneous)	0	0%
1	Yes	0	0%
2	No	50	94.3%
Sysmiss		301	

C31: Cost to obtain electrical connection

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 53 Invalid: 301 Minimum: -9 Maximum: 6000000
 Type: Discrete Decimal: 0 Width: 7 Range: -9 - 6000000 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	21	39.6%
1		2	3.8%
418		1	1.9%
5000		1	1.9%
6000		1	1.9%
8000		1	1.9%
10000		1	1.9%
12000		2	3.8%
14000		1	1.9%
15000		1	1.9%
18000		1	1.9%
23135		1	1.9%
30000		3	5.7%
36000		1	1.9%
50000		1	1.9%
61500		1	1.9%
100000		2	3.8%
120000		3	5.7%
200000		1	1.9%
300000		1	1.9%
600000		1	1.9%
1000000		1	1.9%
1500000		1	1.9%
2500000		1	1.9%
3000000		1	1.9%
6000000		1	1.9%
Sysmiss		301	

C32: Electricity consumption in a typical month (kWh)

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 Invalid: Minimum: -9 Maximum: 1648700
 Type: Discrete Decimal: 0 Width: 7 Range: -9 - 1648700 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	78	100%

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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	0.6%
1	Yes	71	20.1%
2	No	281	79.4%

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 71 Invalid: 283 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)	2	2.8%
0		10	14.1%
1		32	45.1%
2		13	18.3%
3		7	9.9%

4		2	2.8%
5		3	4.2%
10		2	2.8%
Sysmiss		283	

C8A: Average Duration of Power Outages: Hours

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 59 Invalid: 295 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)	2	3.4%
0		23	39%
1		9	15.3%
2		7	11.9%
3		4	6.8%
4		4	6.8%
5		3	5.1%
6		2	3.4%
8		5	8.5%
Sysmiss		295	

C8B: Average Duration of Power Outages: Minutes

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 59 Invalid: 295 Minimum: -9 Maximum: 59
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 59 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	2	3.4%
0		11	18.6%

1	One minute or less	14	23.7%
15		3	5.1%
20		2	3.4%
25		1	1.7%
30		17	28.8%
40		3	5.1%
45		3	5.1%
50		2	3.4%
59		1	1.7%
Sysmiss		295	

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 56 Invalid: 298 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)	14	25%
0	None	28	50%
1		7	12.5%
3		1	1.8%
5		3	5.4%
10		1	1.8%
15		1	1.8%
20		1	1.8%
Sysmiss		298	

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 15 Invalid: 339 Minimum: 2500 Maximum: 1000000
 Type: Discrete Decimal: 0 Width: 7 Range: 2500 - 1000000 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
0	None	0	0%
2500		1	6.7%
12000		1	6.7%
18000		1	6.7%
25000		1	6.7%
40000		1	6.7%
60000		3	20%
120000		1	6.7%
240000		1	6.7%
310000		1	6.7%
360000		1	6.7%
380000		1	6.7%
700000		1	6.7%
1000000		1	6.7%
Sysmiss		339	

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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	0.6%
1	Yes	79	22.3%
2	No	273	77.1%

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 79 Invalid: 275 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)	18	22.8%
0		16	20.3%
1		15	19%
2		10	12.7%
3		3	3.8%
4		1	1.3%
5		5	6.3%
8		1	1.3%
10		5	6.3%
15		1	1.3%
40		1	1.3%
50		2	2.5%
90		1	1.3%
Sysmiss		275	

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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	0.3%
1	Yes	18	5.1%
2	No	335	94.6%

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 18 Invalid: 336 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	5.6%
-6	Still in process	2	11.1%
-5	Application denied	0	0%
1	One day or less	1	5.6%
2		1	5.6%
3		2	11.1%
7		3	16.7%
10		1	5.6%
12		1	5.6%
14		2	11.1%
20		1	5.6%
30		2	11.1%
60		1	5.6%
Sysmiss		336	

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 18 Invalid: 336 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	5.6%
-8	Refusal (spontaneous)	0	0%
1	Yes	2	11.1%
2	No	15	83.3%

Sysmiss		336	
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C33: Cost to obtain water connection

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 18 Invalid: 336 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)	10	55.6%
1		1	5.6%
3000		2	11.1%
7000		1	5.6%
25000		1	5.6%
50000		1	5.6%
180000		1	5.6%
200000		1	5.6%
Sysmiss		336	

C34: Water consumption in a typical month

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 Invalid: Minimum: -9 Maximum: 193000
 Type: Discrete Decimal: 0 Width: 6 Range: -9 - 193000 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	95	100%

C34B: Unit measure of answer to c34

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 259 Invalid: 95 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	Cubic meters	243	93.8%
2	Gallons	0	0%
3	Cubic feet	1	0.4%
4	Other	15	5.8%
Sysmiss		95	

C34BX: Other (Specify)

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 Invalid:
 Type: Discrete Width: 6 Range: - Format: character

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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	0.3%
1	Yes	15	4.2%
2	No	338	95.5%

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 15 Invalid: 339 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	13.3%
1		6	40%
2		4	26.7%
5		1	6.7%
10		1	6.7%
15		1	6.7%
Sysmiss		339	

C172: Average Length of Water Shortages In Last Fiscal Year

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 13 Invalid: 341 Minimum: 1 Maximum: 8
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	One hour or less	2	15.4%
2		4	30.8%
3		2	15.4%
4		2	15.4%
5		1	7.7%
6		1	7.7%
8		1	7.7%
Sysmiss		341	

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 13 Invalid: 341 Minimum: -9
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	3	23.1%
0	None	10	76.9%
Sysmiss		341	

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 2 Invalid: 352 Minimum: 500 Maximum: 600000
 Type: Discrete Decimal: 0 Width: 6 Range: 500 - 600000 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
0	None	0	0%
500		1	50%
600000		1	50%
Sysmiss		352	

C22B: Establishment Has Its Own Website

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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	293	82.8%
2	No	61	17.2%

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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	24	6.8%
2	No	330	93.2%

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 24 Invalid: 330 Minimum: -9 Maximum: 14
Type: Discrete Decimal: 0 Width: 2 Range: -9 - 14 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	4.2%
-6	Still in process	0	0%
-5	Application denied	0	0%
1	One day or less	3	12.5%
2		4	16.7%
3		3	12.5%
4		1	4.2%
5		3	12.5%
7		6	25%
10		1	4.2%
14		2	8.3%

Sysmiss		330	
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C38: Cost to obtain Internet connection

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 24 Invalid: 330 Minimum: -9 Maximum: 5000
 Type: Discrete Decimal: 0 Width: 4 Range: -9 - 5000 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	5	20.8%
0		5	20.8%
1		9	37.5%
1800		1	4.2%
1845		1	4.2%
1852		1	4.2%
4300		1	4.2%
5000		1	4.2%
Sysmiss		330	

C39: Did You Experience Internet Disruptions In Last FY?

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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	0.8%
-7	The establishment does not have an internet connection	3	0.8%
1	Yes	73	20.6%
2	No	275	77.7%

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

Valid: 73 Invalid: 281 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)	2	2.7%
0	Less than 1 hour	17	23.3%
1		17	23.3%
2		15	20.5%
3		4	5.5%
4		1	1.4%
5		5	6.8%
6		1	1.4%
8		1	1.4%
9		1	1.4%
10		2	2.7%
24		2	2.7%
40		1	1.4%
48		1	1.4%
50		1	1.4%
60		1	1.4%
200		1	1.4%
Sysmiss		281	

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

Valid: 17 Invalid: 337 Minimum: -9 Maximum: 50
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 50 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
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-9	Don't know (spontaneous)	1	5.9%
10		1	5.9%
20		3	17.6%
30		7	41.2%
40		2	11.8%
45		2	11.8%
50		1	5.9%
Sysmiss		337	

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 66 Invalid: 288 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)	13	19.7%
0	None	48	72.7%
1		1	1.5%
2		2	3%
3		1	1.5%
70		1	1.5%
Sysmiss		288	

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 7 Invalid: 347 Minimum: 0 Maximum: 620000
 Type: Discrete Decimal: 0 Width: 6 Range: 0 - 620000 Format: Numeric

Questions and instructions

CATEGORIES

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

0	None	1	14.3%
600		1	14.3%
6000		2	28.6%
10000		1	14.3%
400000		1	14.3%
620000		1	14.3%
Sysmiss		347	

C42: How difficult to switch internet providers?

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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)	5	1.4%
-7	There is only one available internet provider	1	0.3%
1	Unable to change provider	11	3.1%
2	With some difficulty	34	9.6%
3	With little difficulty	44	12.4%
4	With no difficulty at all	259	73.2%

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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	0.6%
0	No obstacle	101	28.5%

1	Minor obstacle	55	15.5%
2	Moderate obstacle	70	19.8%
3	Major obstacle	64	18.1%
4	Very severe obstacle	62	17.5%

D1A1A: Establishment'S Main Product/Service Last FY

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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	120	33.9%
2	Retail trade of	100	28.2%
3	Wholesale trade of	43	12.1%
4	Construction of	29	8.2%
6	Provide services of	44	12.4%
51	Hotel	3	0.8%
52	Restaurant	15	4.2%

D1A6A: Total number of hotel rooms in the last FY

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 3 Invalid: 351 Minimum: 23 Maximum: 394
 Type: Discrete Decimal: 0 Width: 3 Range: 23 - 394 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
23		1	33.3%
143		1	33.3%
394		1	33.3%
Sysmiss		351	

D1A6B: Total areas of rooms in the last FY**Data file:** North-Macedonia-2023-full-data.dta**Overview**

Valid: 3 Invalid: 351 Minimum: 350 Maximum: 8000
 Type: Discrete Decimal: 0 Width: 4 Range: 350 - 8000 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
350		1	33.3%
6000		1	33.3%
8000		1	33.3%
Sysmiss		351	

D1A6C: Specify units**Data file:** North-Macedonia-2023-full-data.dta**Overview**

Valid: 3 Invalid: 351 Minimum: 3 Maximum: 3
 Type: Discrete Decimal: 0 Width: 1 Range: 3 - 3 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Square Feet	0	0%
2	Square Yards	0	0%
3	Square Meters	3	100%
4	Other (Specify)	0	0%
Sysmiss		351	

D1A6CX: Other (Specify)**Data file:** North-Macedonia-2023-full-data.dta**Overview**

Valid: 354 Invalid:
 Type: Discrete Width: 1 Range: - Format: character

D1A3: Main Product/Service: Percent of Total Annual Sales**Data file: North-Macedonia-2023-full-data.dta****Overview**

Valid: 354 Invalid: Minimum: 20 Maximum: 100

Type: Discrete Decimal: 0 Width: 3 Range: 20 - 100 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
20		1	0.3%
25		4	1.1%
30		4	1.1%
35		1	0.3%
40		4	1.1%
46		1	0.3%
47		1	0.3%
50		7	2%
60		13	3.7%
65		3	0.8%
70		21	5.9%
75		4	1.1%
77		1	0.3%
78		1	0.3%
80		29	8.2%
83		2	0.6%
85		6	1.7%
90		22	6.2%
94		2	0.6%
95		12	3.4%
96		1	0.3%
97		2	0.6%
98		2	0.6%
99		5	1.4%
100		205	57.9%

D31X: Main destination of exports (country code)**Data file:** North-Macedonia-2023-full-data.dta**Overview**

Valid: 354 Invalid:
 Type: Discrete Width: 24 Range: - Format: character

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

Valid: 354 Invalid: Minimum: -9 Maximum: 37149802273
 Type: Discrete Decimal: 0 Width: 11 Range: -9 - 37149802273 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	2	100%

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

Valid: 354 Invalid:
 Type: Continuous Width: 109 Range: - Format: character

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

Valid: 120 Invalid: 234 Minimum: -9 Maximum: 12946109181
 Type: Discrete Decimal: 0 Width: 11 Range: -9 - 12946109181 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	100%
-7	Establishment was not in business	0	0%
Sysmiss		234	

D2A1X: Please Also Write Out The Number**Data file:** North-Macedonia-2023-full-data.dta**Overview**

Valid: 354 Invalid:
 Type: Continuous Width: 104 Range: - Format: character

N3: What were the establishment's sales 3 years ago?**Data file:** North-Macedonia-2023-full-data.dta**Overview**

Valid: 354 Invalid: Minimum: -9 Maximum: 16562715075
 Type: Discrete Decimal: 0 Width: 11 Range: -9 - 16562715075 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	19	95%
-7	Establishment was not in business in Fiscal Year	1	5%

N3X: Please Also Write Out The Number**Data file:** North-Macedonia-2023-full-data.dta**Overview**

Valid: 354 Invalid:
 Type: Continuous Width: 105 Range: - Format: character

D3A: % of Sales: National Sales**Data file:** North-Macedonia-2023-full-data.dta**Overview**

Valid: 354 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		33	9.3%
1		1	0.3%
2		4	1.1%
5		9	2.5%
9		1	0.3%
10		12	3.4%
15		3	0.8%
20		6	1.7%
25		1	0.3%
28		1	0.3%
30		3	0.8%
35		1	0.3%
40		6	1.7%
50		8	2.3%
55		2	0.6%
60		8	2.3%
62		1	0.3%
65		3	0.8%
70		5	1.4%
75		3	0.8%
77		2	0.6%
79		1	0.3%
80		16	4.5%
84		1	0.3%
85		1	0.3%
90		10	2.8%
95		10	2.8%
96		1	0.3%
97		1	0.3%
98		1	0.3%
99		5	1.4%
100		194	54.8%

D3B: % of Sales: Indirect Exports

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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	0.3%
0		300	84.7%
1		3	0.8%
4		1	0.3%
5		4	1.1%
10		3	0.8%
15		1	0.3%
20		6	1.7%
25		1	0.3%
30		3	0.8%
40		3	0.8%
50		3	0.8%
60		1	0.3%
70		1	0.3%
85		1	0.3%
90		3	0.8%
91		1	0.3%
95		1	0.3%
98		1	0.3%
100		16	4.5%

D3C: % of Sales: Direct Exports

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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	0.3%
0		230	65%
1		3	0.8%

2		2	0.6%
4		1	0.3%
5		10	2.8%
10		9	2.5%
13		1	0.3%
15		3	0.8%
16		1	0.3%
20		16	4.5%
21		1	0.3%
23		1	0.3%
25		1	0.3%
30		3	0.8%
35		3	0.8%
38		1	0.3%
40		5	1.4%
45		2	0.6%
50		8	2.3%
60		5	1.4%
70		4	1.1%
72		1	0.3%
75		1	0.3%
80		5	1.4%
85		3	0.8%
90		6	1.7%
95		8	2.3%
96		1	0.3%
98		3	0.8%
99		1	0.3%
100		14	4%

D32: Main point of exit

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 93 Invalid: 261 Minimum: 2 Maximum: 3
 Type: Discrete Decimal: 0 Width: 2 Range: 2 - 3 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Airport	0	0%
2	Land border crossing	91	97.8%
3	Seaport	2	2.2%
Sysmiss		261	

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 93 Invalid: 261 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)	4	4.3%
-7	Does not apply (spontaneous)	0	0%
0	Less than one day	38	40.9%
1		32	34.4%
2		16	17.2%
3		2	2.2%
5		1	1.1%
Sysmiss		261	

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 38 Invalid: 316 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	2.6%
1		2	5.3%

2		7	18.4%
3		3	7.9%
4		4	10.5%
5		8	21.1%
6		2	5.3%
8		3	7.9%
9		2	5.3%
10		2	5.3%
12		3	7.9%
20		1	2.6%
Sysmiss		316	

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 93 Invalid: 261 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)	8	8.6%
0	Less than one day	21	22.6%
1		19	20.4%
2		23	24.7%
3		13	14%
4		3	3.2%
5		1	1.1%
7		3	3.2%
10		1	1.1%
30		1	1.1%
Sysmiss		261	

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 21 Invalid: 333 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)	1	4.8%
1		6	28.6%
2		6	28.6%
3		2	9.5%
4		1	4.8%
5		2	9.5%
6		1	4.8%
12		2	9.5%
Sysmiss		333	

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 93 Invalid: 261 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)	29	31.2%
1		17	18.3%
2		10	10.8%
3		7	7.5%
4		6	6.5%
5		12	12.9%
6		1	1.1%
7		2	2.2%
8		2	2.2%
10		1	1.1%
15		1	1.1%

17		1	1.1%
20		3	3.2%
50		1	1.1%
Sysmiss		261	

D35: Any exports shipped by main parcel?

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 93 Invalid: 261 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	1.1%
1	Yes	18	19.4%
2	No	74	79.6%
Sysmiss		261	

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 18 Invalid: 336 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)	4	22.2%
0	Less than one day	3	16.7%
1		2	11.1%
2		2	11.1%
4		1	5.6%
7		1	5.6%
10		2	11.1%
15		1	5.6%

30		2	11.1%
Sysmiss		336	

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 3 Invalid: 351 Minimum: 2 Maximum: 8
 Type: Discrete Decimal: 0 Width: 2 Range: 2 - 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
2		1	33.3%
5		1	33.3%
8		1	33.3%
Sysmiss		351	

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 18 Invalid: 336 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)	15	83.3%
2		3	16.7%
Sysmiss		336	

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 160 Invalid: 194 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)	13	8.1%
1985		1	0.6%
1990		2	1.3%
1991		2	1.3%
1992		2	1.3%
1993		1	0.6%
1994		1	0.6%
1995		5	3.1%
1996		2	1.3%
1997		1	0.6%
1998		9	5.6%
1999		9	5.6%
2000		3	1.9%
2001		10	6.3%
2002		7	4.4%
2003		8	5%
2004		5	3.1%
2005		4	2.5%
2006		5	3.1%
2007		6	3.8%
2008		8	5%
2010		7	4.4%
2011		2	1.3%
2012		10	6.3%
2013		7	4.4%
2014		6	3.8%
2015		8	5%
2016		4	2.5%
2018		7	4.4%
2019		2	1.3%
2020		1	0.6%
2021		1	0.6%
2022		1	0.6%
Sysmiss		194	

D12A: % of Material Inputs And Supplies of Domestic origin In Last Fiscal Year**Data file: North-Macedonia-2023-full-data.dta****Overview**

Valid: 354 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)	15	4.2%
0		67	18.9%
1		1	0.3%
2		4	1.1%
3		4	1.1%
5		13	3.7%
8		1	0.3%
10		25	7.1%
12		1	0.3%
14		1	0.3%
15		7	2%
18		1	0.3%
20		21	5.9%
25		6	1.7%
30		25	7.1%
37		1	0.3%
40		16	4.5%
50		20	5.6%
60		12	3.4%
63		1	0.3%
65		1	0.3%
70		17	4.8%
75		1	0.3%
80		17	4.8%
90		11	3.1%
95		2	0.6%
97		1	0.3%
100		62	17.5%

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

Valid: 354 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)	15	4.2%
0		62	17.5%
3		1	0.3%
5		2	0.6%
10		11	3.1%
20		17	4.8%
25		1	0.3%
30		17	4.8%
35		1	0.3%
37		1	0.3%
40		12	3.4%
50		20	5.6%
60		16	4.5%
63		1	0.3%
70		25	7.1%
75		6	1.7%
80		21	5.9%
82		1	0.3%
85		7	2%
86		1	0.3%
88		1	0.3%
90		25	7.1%
92		1	0.3%
95		13	3.7%
97		4	1.1%
98		4	1.1%
99		1	0.3%
100		67	18.9%

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

Valid: 277 Invalid: 77 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	1.1%
1	Yes	157	56.7%
2	No	117	42.2%
Sysmiss		77	

D38X: Main origin of imports (country code)**Data file:** North-Macedonia-2023-full-data.dta**Overview**

Valid: 354 Invalid:
 Type: Discrete Width: 24 Range: - Format: character

D39: Main point of entry**Data file:** North-Macedonia-2023-full-data.dta**Overview**

Valid: 157 Invalid: 197 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	0.6%
1	Airport	4	2.5%
2	Land border crossing	138	87.9%
3	Seaport	14	8.9%
Sysmiss		197	

D14A: Avg. Num. of Days For Imported Goods To Clear Customs In Last Fiscal Year**Data file: North-Macedonia-2023-full-data.dta****Overview**

Valid: 157 Invalid: 197 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)	4	2.5%
-7	Does not apply (spontaneous)	0	0%
0	Less than one day	36	22.9%
1		56	35.7%
2		36	22.9%
3		13	8.3%
4		3	1.9%
5		4	2.5%
6		1	0.6%
7		4	2.5%
Sysmiss		197	

D14B: If less than a day, total hours for imported goods to clear customs**Data file: North-Macedonia-2023-full-data.dta****Overview**

Valid: 36 Invalid: 318 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)	1	2.8%
1		2	5.6%
2		4	11.1%
3		6	16.7%
4		2	5.6%

5		5	13.9%
6		3	8.3%
8		7	19.4%
10		4	11.1%
12		1	2.8%
15		1	2.8%
Sysmiss		318	

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 157 Invalid: 197 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)	4	2.5%
0	Less than one day	17	10.8%
1		35	22.3%
2		37	23.6%
3		12	7.6%
4		10	6.4%
5		5	3.2%
6		1	0.6%
7		13	8.3%
8		1	0.6%
9		1	0.6%
10		8	5.1%
14		2	1.3%
15		1	0.6%
20		3	1.9%
30		4	2.5%
40		1	0.6%
45		1	0.6%
60		1	0.6%
Sysmiss		197	

D40B: If less than a day, total hours for imported goods to clear all border control a**Data file:** North-Macedonia-2023-full-data.dta**Overview**

Valid: 17 Invalid: 337 Minimum: 1 Maximum: 20
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 20 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1		1	5.9%
2		3	17.6%
4		1	5.9%
5		3	17.6%
6		2	11.8%
8		2	11.8%
10		3	17.6%
12		1	5.9%
20		1	5.9%
Sysmiss		337	

D41: DAP costs to comply with all import requirements (% of value of goods imported)**Data file:** North-Macedonia-2023-full-data.dta**Overview**

Valid: 157 Invalid: 197 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)	55	35%
1		25	15.9%
2		17	10.8%
3		5	3.2%
4		1	0.6%

5		10	6.4%
6		2	1.3%
7		2	1.3%
8		2	1.3%
9		1	0.6%
10		9	5.7%
12		1	0.6%
15		3	1.9%
17		1	0.6%
18		2	1.3%
20		9	5.7%
21		1	0.6%
23		1	0.6%
24		1	0.6%
25		3	1.9%
30		1	0.6%
33		1	0.6%
37		1	0.6%
40		1	0.6%
48		1	0.6%
50		1	0.6%
Sysmiss		197	

D30A: How Much of An Obstacle: Transport?

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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	7	2%
0	No obstacle	184	52%
1	Minor obstacle	69	19.5%
2	Moderate obstacle	59	16.7%

3	Major obstacle	21	5.9%
4	Very severe obstacle	14	4%

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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	0.3%
-7	Does not apply	39	11%
0	No obstacle	161	45.5%
1	Minor obstacle	59	16.7%
2	Moderate obstacle	57	16.1%
3	Major obstacle	30	8.5%
4	Very severe obstacle	7	2%

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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	1.1%
1	Yes	77	21.8%
2	No	273	77.1%

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 77 Invalid: 277 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	1.3%
1	Yes	56	72.7%
2	No	20	26%
Sysmiss		277	

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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)	41	11.6%
-7	Does not apply (spontaneous)	53	15%
1	Strongly disagree	22	6.2%
2	Tend to disagree	45	12.7%
3	Tend to agree	119	33.6%
4	Strongly agree	74	20.9%

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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)	40	11.3%
-7	Does not apply (spontaneous)	51	14.4%
1	Strongly disagree	18	5.1%
2	Tend to disagree	50	14.1%
3	Tend to agree	95	26.8%
4	Strongly agree	100	28.2%

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 213 Invalid: 141 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)	4	1.9%
1	We fixed it but did not take further action	12	5.6%
2	We fixed it and took action to make sure it did not happen again	86	40.4%
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	111	52.1%
4	No action was taken	0	0%
Sysmiss		141	

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 213 Invalid: 141 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	0.5%

1	Yes	172	80.8%
2	No	40	18.8%
Sysmiss		141	

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 172 Invalid: 182 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	0.6%
1	1-2 production performance indicators	43	25%
2	3-9 production performance indicators	90	52.3%
3	10 or more production performance indicators	38	22.1%
Sysmiss		182	

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 213 Invalid: 141 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	192	90.1%
2	No	21	9.9%
Sysmiss		141	

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 192 Invalid: 162 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	26	13.5%
2	Main focus was on long-term (one year or more) production targets	49	25.5%
3	Combination of short term and long term production targets	117	60.9%
Sysmiss		162	

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 192 Invalid: 162 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	Possible to achieve without much effort	12	6.3%
2	Possible to achieve with some effort	34	17.7%
3	Possible to achieve with normal amount of effort	76	39.6%
4	Possible to achieve with more than normal effort	46	24%
5	Only possible to achieve with extraordinary effort	20	10.4%
6	Targets were not achieved	4	2.1%
Sysmiss		162	

R7: Who Was Aware of The Production/Service Provision Targets At This Establishment?

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 192 Invalid: 162 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	66	34.4%
2	Most managers and some production workers	63	32.8%
3	Most managers and most production workers	19	9.9%
4	All managers and most production workers	44	22.9%
Sysmiss		162	

R8: Was There Performance Bonuses Based On Production/Service Provision Targets?

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 213 Invalid: 141 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	0.5%
1	Yes	121	56.8%
2	No	91	42.7%
Sysmiss		141	

R9: What Were Managers' Performance Bonuses Usually Based On?

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 121 Invalid: 233 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	0.8%
1	Their own performance	29	24%

2	Their team's or shift performance	35	28.9%
3	The establishment's performance	33	27.3%
4	The firm's performance	23	19%
Sysmiss		233	

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 213 Invalid: 141 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	0.9%
-7	Does not apply (spontaneous)	15	7%
1	Promotions were based solely on performance and ability	178	83.6%
2	Promotions were based partly on performance and ability, and partly on other factors (for example, tenure or family connections)	12	5.6%
3	Promotions were based mainly on factors other than performance and ability (for example, tenure or family connections)	1	0.5%
4	Non-managers are normally not promoted	5	2.3%
Sysmiss		141	

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 213 Invalid: 141 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)	3	1.4%
-7	Does not apply (spontaneous)	17	8%
1	Within 6 months of identifying non-manager under-performance	42	19.7%
2	After 6 months of identifying non-manager under-performance	30	14.1%

3	Rarely or never	121	56.8%
Sysmiss		141	

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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	102	28.8%
2	National " main product sold mostly across the country where establishment is located	165	46.6%
3	International	87	24.6%

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 Invalid: 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)	15	4.2%
-4	Too many to count	167	47.2%
0		8	2.3%
1		5	1.4%
2		9	2.5%
3		18	5.1%
4		11	3.1%
5		31	8.8%
6		5	1.4%
7		8	2.3%

8		5	1.4%
10		32	9%
11		2	0.6%
12		3	0.8%
15		9	2.5%
18		1	0.3%
20		10	2.8%
25		2	0.6%
30		3	0.8%
41		1	0.3%
50		3	0.8%
55		1	0.3%
100		1	0.3%
130		1	0.3%
200		1	0.3%
500		2	0.6%

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 132 Invalid: 222 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)	20	15.2%
1	Above 90%	1	0.8%
2	Between 50% and 90%	32	24.2%
3	Below 50%	79	59.8%
Sysmiss		222	

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 135 Invalid: 219 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)	70	51.9%
2		1	0.7%
5		2	1.5%
10		9	6.7%
12		1	0.7%
15		2	1.5%
20		9	6.7%
25		3	2.2%
30		10	7.4%
35		1	0.7%
40		8	5.9%
45		3	2.2%
50		5	3.7%
60		3	2.2%
65		1	0.7%
70		6	4.4%
80		1	0.7%
Sysmiss		219	

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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	1.1%
1	Yes	86	24.3%
2	No	264	74.6%

E11: Does This Establishment Compete Against Unregistered or Informal Firms?**Data file:** North-Macedonia-2023-full-data.dta**Overview**

Valid: 354 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	3.4%
1	Yes	176	49.7%
2	No	166	46.9%

E32: Change in competition in the last year?**Data file:** North-Macedonia-2023-full-data.dta**Overview**

Valid: 354 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)	10	2.8%
1	Yes, there is more competition	168	47.5%
2	Yes, there is less competition	23	6.5%
3	No change	153	43.2%

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

Valid: 354 Invalid: Minimum: -7 Maximum: 2
 Type: Discrete Decimal: 0 Width: 2 Range: -7 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
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-9	Don't know (spontaneous)	0	0%
-7	Prices are regulated	44	12.4%
-6	Prices set by HQ	23	6.5%
1	Yes	95	26.8%
2	No	192	54.2%

E34: SOEs operating in the establishment's main market?

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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	0.8%
1	Yes	13	3.7%
2	No	338	95.5%

E35: How SOE affects ability to grow and expand?

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 13 Invalid: 341 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	3	23.1%
2	Not at all	7	53.8%
3	Negatively	3	23.1%
Sysmiss		341	

E30: How Much of An Obstacle: Practices of Competitors In Informal Sector?**Data file: North-Macedonia-2023-full-data.dta****Overview**

Valid: 354 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	1.1%
-7	Does not apply	40	11.3%
0	No obstacle	115	32.5%
1	Minor obstacle	50	14.1%
2	Moderate obstacle	60	16.9%
3	Major obstacle	52	14.7%
4	Very severe obstacle	33	9.3%

H1: New Products/Services Introduced Over Last 3 Yrs**Data file: North-Macedonia-2023-full-data.dta****Overview**

Valid: 354 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	0.3%
1	Yes	72	20.3%
2	No	281	79.4%

H2: New Products/Services Also New For Thr Establishment'S Main Market**Data file: North-Macedonia-2023-full-data.dta****Overview**

Valid: 72 Invalid: 282 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	48	66.7%
2	No	24	33.3%
Sysmiss		282	

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 Invalid:

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

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 Invalid:

Type: Continuous Width: 244 Range: - Format: character

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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	0.3%
1	Yes	51	14.4%
2	No	302	85.3%

H6X: Describe Main New/Significantly Improved Process This Establishment Introduced**Data file:** North-Macedonia-2023-full-data.dta**Overview**

Valid: 354 Invalid:
 Type: Continuous Width: 222 Range: - Format: character

H7X: How The Main New/Significantly Improved Process Is Different**Data file:** North-Macedonia-2023-full-data.dta**Overview**

Valid: 354 Invalid:
 Type: Continuous Width: 166 Range: - Format: character

H8: During Last Fiscal Year, Establishment Spent On R&D (Excl Market Research)?**Data file:** North-Macedonia-2023-full-data.dta**Overview**

Valid: 354 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	0.3%
1	Yes	47	13.3%
2	No	306	86.4%

H9: How Much Spent On R&D, Either In-House or External?**Data file:** North-Macedonia-2023-full-data.dta**Overview**

Valid: 47 Invalid: 307 Minimum: -9 Maximum: 91938510
 Type: Discrete Decimal: 0 Width: 8 Range: -9 - 91938510 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	12	25.5%
32551		1	2.1%

46000		1	2.1%
155000		1	2.1%
193304		1	2.1%
200000		3	6.4%
229730		1	2.1%
300000		4	8.5%
460000		1	2.1%
500000		1	2.1%
1000000		1	2.1%
1200000		3	6.4%
1220000		1	2.1%
1269796		1	2.1%
1500000		1	2.1%
1542537		1	2.1%
1580000		1	2.1%
1600000		1	2.1%
1800000		1	2.1%
2000000		2	4.3%
3000000		1	2.1%
3603438		1	2.1%
3829285		1	2.1%
5000000		2	4.3%
20000000		1	2.1%
46000000		1	2.1%
91938510		1	2.1%
Sysmiss		307	

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 120 Invalid: 234 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)	9	7.5%

2		2	1.7%
10		1	0.8%
19		1	0.8%
30		2	1.7%
40		3	2.5%
45		1	0.8%
50		3	2.5%
55		1	0.8%
60		6	5%
70		17	14.2%
75		9	7.5%
80		26	21.7%
83		1	0.8%
85		8	6.7%
88		1	0.8%
90		8	6.7%
97		1	0.8%
100		20	16.7%
Sysmiss		234	

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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	0.3%
1	Yes	77	21.8%
2	No	276	78%

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 77 Invalid: 277 Minimum: -9 Maximum: 420
 Type: Discrete Decimal: 0 Width: 3 Range: -9 - 420 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	11	14.3%
-6	Still in process	22	28.6%
-5	Application denied	2	2.6%
1	One day or less	0	0%
3		1	1.3%
5		1	1.3%
7		1	1.3%
10		2	2.6%
14		1	1.3%
15		3	3.9%
20		1	1.3%
30		9	11.7%
45		1	1.3%
50		1	1.3%
60		5	6.5%
70		1	1.3%
80		1	1.3%
90		3	3.9%
100		1	1.3%
120		1	1.3%
150		1	1.3%
160		1	1.3%
180		2	2.6%
200		1	1.3%
250		1	1.3%
358		1	1.3%
360		1	1.3%
420		1	1.3%
Sysmiss		277	

G4: Informal Gift/Payment Expected or Requested For A Construction-Related Permit**Data file: North-Macedonia-2023-full-data.dta****Overview**

Valid: 77 Invalid: 277 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	7.8%
-8	Refusal (spontaneous)	3	3.9%
1	Yes	6	7.8%
2	No	62	80.5%
Sysmiss		277	

G31: In last 2 years, establishment applied for occupancy permit**Data file: North-Macedonia-2023-full-data.dta****Overview**

Valid: 354 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	0.6%
-7	Does not apply (spontaneous)	1	0.3%
1	Yes	43	12.1%
2	No	308	87%

G32: Wait for occupancy permit**Data file: North-Macedonia-2023-full-data.dta****Overview**

Valid: 43 Invalid: 311 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)	5	11.6%
-6	Still in process	7	16.3%
-5	Application denied	1	2.3%
1	One day or less	5	11.6%
2		3	7%
3		2	4.7%
4		1	2.3%
5		1	2.3%
14		1	2.3%
20		3	7%
30		4	9.3%
45		1	2.3%
50		1	2.3%
60		1	2.3%
65		1	2.3%
70		1	2.3%
180		3	7%
485		1	2.3%
500		1	2.3%
Sysmiss		311	

G33: Cost of occupancy permit

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 43 Invalid: 311 Minimum: -9 Maximum: 11000000
 Type: Discrete Decimal: 0 Width: 8 Range: -9 - 11000000 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	19	44.2%
150		1	2.3%
200		1	2.3%

250		3	7%
500		1	2.3%
1000		1	2.3%
2000		1	2.3%
3200		1	2.3%
12000		1	2.3%
45000		1	2.3%
60000		1	2.3%
100000		3	7%
200000		1	2.3%
240000		1	2.3%
400000		1	2.3%
488000		1	2.3%
600000		1	2.3%
976000		1	2.3%
1000000		1	2.3%
1250000		1	2.3%
11000000		1	2.3%
Sysmiss		311	

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 100 Invalid: 254 Minimum: -9 Maximum: 90000
 Type: Discrete Decimal: 0 Width: 5 Range: -9 - 90000 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	17	17%
25		1	1%
50		2	2%
55		1	1%
80		1	1%
90		1	1%
100		4	4%
110		2	2%

115		1	1%
120		1	1%
124		1	1%
140		1	1%
150		3	3%
200		5	5%
210		1	1%
280		1	1%
300		2	2%
320		1	1%
350		1	1%
393		1	1%
400		2	2%
420		1	1%
450		2	2%
500		3	3%
600		4	4%
800		3	3%
850		1	1%
1000		2	2%
1100		1	1%
1180		1	1%
1200		3	3%
1324		1	1%
1400		1	1%
2000		3	3%
3000		6	6%
3800		1	1%
4000		1	1%
4350		1	1%
5000		4	4%
6500		1	1%
9000		1	1%
13600		1	1%
20000		1	1%
24238		1	1%
25000		1	1%
30000		1	1%
40000		1	1%

45000		1	1%
80000		1	1%
90000		1	1%
Sysmiss		254	

G5B: The Area Is Measured In:

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 83 Invalid: 271 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	19	22.9%
2	Square Yards	0	0%
3	Square Meters	64	77.1%
4	Other	0	0%
Sysmiss		271	

G5BX: Specify Other Units (If Not Included Above) The Area Is Measured In

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 Invalid:
 Type: Discrete Width: 1 Range: - Format: character

G30A: How Much of An Obstacle: Access To Land?

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 Invalid: Minimum: -9 Maximum: 4
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 4 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
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-9	Don't know (spontaneous)	4	1.1%
-7	Does not apply	7	2%
0	No obstacle	201	56.8%
1	Minor obstacle	51	14.4%
2	Moderate obstacle	47	13.3%
3	Major obstacle	36	10.2%
4	Very severe obstacle	8	2.3%

GE3: Experience damage of physical assets due to extreme weather events?

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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	37	10.5%
2	No	317	89.5%

GE3A: Monetary damage of physical assets?

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 37 Invalid: 317 Minimum: -9 Maximum: 9150000
 Type: Discrete Decimal: 0 Width: 7 Range: -9 - 9150000 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	8	21.6%
2		1	2.7%
6000		1	2.7%
7000		1	2.7%
7500		1	2.7%
12000		1	2.7%

50000		1	2.7%
60000		2	5.4%
150000		2	5.4%
180000		1	2.7%
185000		1	2.7%
200000		1	2.7%
300000		1	2.7%
360000		1	2.7%
370000		1	2.7%
420000		1	2.7%
600000		2	5.4%
700000		1	2.7%
800000		1	2.7%
1200000		2	5.4%
3000000		3	8.1%
6200000		1	2.7%
8000000		1	2.7%
9150000		1	2.7%
Sysmiss		317	

GE7: Over the last 3 years, establishment monitor its CO2 emissions?

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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	0.8%
1	Yes	109	30.8%
2	No	242	68.4%

GE8D: Over last 3 years, establishment adopt energy management measures?

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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	0.6%
-7	Establishment was not in business	0	0%
1	Yes	184	52%
2	No	168	47.5%

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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	2%
0		5	1.4%
10		2	0.6%
15		1	0.3%
20		6	1.7%
25		2	0.6%
30		10	2.8%
35		1	0.3%
40		7	2%
49		1	0.3%
50		9	2.5%
60		11	3.1%
65		1	0.3%
70		28	7.9%
75		2	0.6%
80		40	11.3%

85		8	2.3%
88		1	0.3%
90		22	6.2%
94		1	0.3%
95		8	2.3%
98		3	0.8%
99		1	0.3%
100		177	50%

K3BC: % of Working Capital Borrowed From Banks

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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	2%
0		185	52.3%
1		1	0.3%
2		3	0.8%
5		6	1.7%
9		1	0.3%
10		25	7.1%
15		6	1.7%
18		1	0.3%
20		39	11%
25		2	0.6%
30		28	7.9%
34		1	0.3%
35		1	0.3%
40		11	3.1%
45		1	0.3%
50		10	2.8%
51		1	0.3%
60		8	2.3%

70		8	2.3%
80		3	0.8%
90		2	0.6%
100		4	1.1%

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 Invalid: 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)	4	1.1%
0		348	98.3%
2		1	0.3%
10		1	0.3%

K3F: % of Working Capital Purchased On Credit/Advances From Suppliers /Customers

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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)	4	1.1%
0		334	94.4%
5		1	0.3%
6		1	0.3%
10		3	0.8%
11		1	0.3%
15		2	0.6%
20		3	0.8%

30		1	0.3%
40		2	0.6%
41		1	0.3%
50		1	0.3%

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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)	4	1.1%
0		336	94.9%
2		2	0.6%
3		1	0.3%
5		3	0.8%
10		3	0.8%
15		2	0.6%
35		1	0.3%
40		1	0.3%
100		1	0.3%

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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	1.4%
1	Yes	218	61.6%

2	No	131	37%
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N5A: Total Annual Expenditure For Purchases of Equipment In Last FY

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 218 Invalid: 136 Minimum: -9 Maximum: 990000000
 Type: Discrete Decimal: 0 Width: 9 Range: -9 - 990000000 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	16	100%
Sysmiss		136	

N5B: Total Annual Expenditure For Purchases of Land And Buildings In Last FY

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 218 Invalid: 136 Minimum: -9 Maximum: 996000000
 Type: Discrete Decimal: 0 Width: 9 Range: -9 - 996000000 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	15	6.9%
0		123	56.4%
15000		1	0.5%
98000		1	0.5%
237000		1	0.5%
300000		3	1.4%
500000		1	0.5%
600000		1	0.5%
607409		1	0.5%
800000		1	0.5%
838691		1	0.5%
915000		1	0.5%
1000000		2	0.9%

1200000		1	0.5%
1500000		1	0.5%
1938647		1	0.5%
2000000		3	1.4%
2605932		1	0.5%
2680000		1	0.5%
3000000		3	1.4%
3050000		2	0.9%
3200000		1	0.5%
3340000		1	0.5%
4380000		1	0.5%
5000000		4	1.8%
5368750		1	0.5%
5600000		1	0.5%
5969392		1	0.5%
6000000		3	1.4%
8000000		1	0.5%
9150000		1	0.5%
10000000		2	0.9%
10370000		1	0.5%
12200000		1	0.5%
13020000		1	0.5%
15000000		7	3.2%
17500000		1	0.5%
19000000		1	0.5%
20000000		3	1.4%
20522116		1	0.5%
27526931		1	0.5%
29400000		1	0.5%
32000000		1	0.5%
40129000		1	0.5%
40343822		1	0.5%
41644331		1	0.5%
42000000		1	0.5%
43000000		1	0.5%
60000000		1	0.5%
62000000		1	0.5%
80000000		1	0.5%
100000000		1	0.5%

117964000		1	0.5%
126128023		1	0.5%
154000000		1	0.5%
165016000		1	0.5%
192000000		1	0.5%
244000000		1	0.5%
265656000		1	0.5%
996000000		1	0.5%
Sysmiss		136	

K5A: Last FY, % Fixed Assets Funded By: Internal Funds/Retained Earnings

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 208 Invalid: 146 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	2.9%
0		7	3.4%
5		2	1%
12		1	0.5%
14		1	0.5%
15		2	1%
20		6	2.9%
30		6	2.9%
35		1	0.5%
40		3	1.4%
50		17	8.2%
60		6	2.9%
65		1	0.5%
67		1	0.5%
70		7	3.4%
75		1	0.5%
80		13	6.3%
85		1	0.5%

88		1	0.5%
90		9	4.3%
94		2	1%
95		1	0.5%
99		1	0.5%
100		112	53.8%
Sysmiss		146	

K5A1: Fixed Assets - Value Internal Funds or Retained Earnings

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 10 Invalid: 344 Minimum: -9 Maximum: 446482000
 Type: Discrete Decimal: 0 Width: 9 Range: -9 - 446482000 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	2	20%
0		2	20%
3050000		1	10%
3545556		1	10%
11577000		1	10%
20000000		1	10%
100000000		1	10%
446482000		1	10%
Sysmiss		344	

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 208 Invalid: 146 Minimum: -9 Maximum: 70
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 70 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
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-9	Don't know (spontaneous)	4	1.9%
0		200	96.2%
10		2	1%
25		1	0.5%
70		1	0.5%
Sysmiss		146	

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 10 Invalid: 344 Minimum: -9 Maximum: 33400000
 Type: Discrete Decimal: 0 Width: 8 Range: -9 - 33400000 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	2	20%
0		7	70%
33400000		1	10%
Sysmiss		344	

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 208 Invalid: 146 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	2.9%
0		118	56.7%
1		1	0.5%
5		1	0.5%
6		1	0.5%
10		8	3.8%

15		1	0.5%
20		12	5.8%
25		1	0.5%
30		7	3.4%
33		1	0.5%
35		1	0.5%
40		6	2.9%
50		17	8.2%
60		2	1%
63		1	0.5%
65		1	0.5%
70		5	2.4%
80		6	2.9%
85		2	1%
86		1	0.5%
90		2	1%
100		7	3.4%
Sysmiss		146	

K5BC1: Fixed Assets - Value Borrowed From Banks

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 10 Invalid: 344 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)	3	30%
0		5	50%
6000000		1	10%
20000000		1	10%
Sysmiss		344	

K5E: Last FY, % Fixed Assets Funded By: Non-Bank Financial Institutions

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 208 Invalid: 146 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)	3	1.4%
0		204	98.1%
10		1	0.5%
Sysmiss		146	

K5E1: Fixed Assets - Value Borrowed From Non-Bank Financial Institutions

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 10 Invalid: 344 Minimum: -9
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	3	30%
0		7	70%
Sysmiss		344	

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 208 Invalid: 146 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)	4	1.9%
0		202	97.1%

6		1	0.5%
60		1	0.5%
Sysmiss		146	

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 10 Invalid: 344 Minimum: -9

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	3	30%
0		7	70%
Sysmiss		344	

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 208 Invalid: 146 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)	3	1.4%
0		201	96.6%
2		1	0.5%
5		2	1%
10		1	0.5%
Sysmiss		146	

K5HDJ1: Fixed Assets - Value Other

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 10 Invalid: 344 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)	3	30%
0		6	60%
5000000		1	10%
Sysmiss		344	

K4B: Purchase Any New/Used Fixed Assets?

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 120 Invalid: 234 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	1.7%
1	Yes	65	54.2%
2	No	53	44.2%
Sysmiss		234	

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 65 Invalid: 289 Minimum: -9 Maximum: 890000000
 Type: Discrete Decimal: 0 Width: 9 Range: -9 - 890000000 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	6	9.2%

0		1	1.5%
27350		1	1.5%
100000		1	1.5%
220000		1	1.5%
250000		1	1.5%
600000		3	4.6%
700000		1	1.5%
820000		1	1.5%
915000		1	1.5%
932000		1	1.5%
1000000		1	1.5%
1200000		1	1.5%
1700000		1	1.5%
1800000		1	1.5%
2000000		1	1.5%
2800000		1	1.5%
2962000		1	1.5%
3000000		5	7.7%
3200000		1	1.5%
4204065		1	1.5%
4576075		1	1.5%
5480000		1	1.5%
5655000		1	1.5%
6000000		2	3.1%
6150000		1	1.5%
7000000		1	1.5%
8000000		1	1.5%
8618694		1	1.5%
9500000		1	1.5%
9951660		1	1.5%
12000000		1	1.5%
12187000		1	1.5%
12500000		1	1.5%
13000000		1	1.5%
15260000		1	1.5%
16000000		1	1.5%
16590764		1	1.5%
19000000		1	1.5%
20000000		1	1.5%

35000000		1	1.5%
40000000		1	1.5%
49328273		1	1.5%
50000000		1	1.5%
83391000		1	1.5%
118000000		1	1.5%
120000000		1	1.5%
124375000		1	1.5%
198396637		1	1.5%
300000000		1	1.5%
306304909		1	1.5%
310000000		1	1.5%
890000000		1	1.5%
Sysmiss		289	

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 65 Invalid: 289 Minimum: -9 Maximum: 53725000
 Type: Discrete Decimal: 0 Width: 8 Range: -9 - 53725000 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	5	7.7%
0		46	70.8%
150000		1	1.5%
1800000		1	1.5%
1829000		1	1.5%
2400000		1	1.5%
2574121		1	1.5%
3620000		1	1.5%
4000000		1	1.5%
4900000		1	1.5%
5000000		1	1.5%
10238000		1	1.5%
22700000		1	1.5%

28000000		1	1.5%
30000000		1	1.5%
53725000		1	1.5%
Sysmiss		289	

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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	0.3%
1	Yes	347	98%
2	No	6	1.7%

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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	1.4%
1	Yes	166	46.9%
2	No	183	51.7%

K82: Establishment Has A Line of Credit or Loan From A Financial Institution?

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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)	3	0.8%
1	Yes, a loan only	10	2.8%
2	Yes, a line of credit only	166	46.9%
3	Yes, both a line of credit and a loan	29	8.2%
4	No	146	41.2%

K9: Type of Financial Institution That Granted The Line of Credit or Loan

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 205 Invalid: 149 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	Private commercial banks	201	98%
2	State-owned banks or government agency	3	1.5%
3	Non-bank financial institutions	0	0%
4	Other	1	0.5%
Sysmiss		149	

K10: Year When The Most Recent Loan/Line of Credit Approved

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 205 Invalid: 149 Minimum: -9 Maximum: 2023
 Type: Discrete Decimal: 0 Width: 4 Range: -9 - 2023 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
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-9	Don't know (spontaneous)	4	2%
2013		1	0.5%
2014		1	0.5%
2015		1	0.5%
2017		1	0.5%
2018		9	4.4%
2019		14	6.8%
2020		19	9.3%
2021		19	9.3%
2022		81	39.5%
2023		55	26.8%
Sysmiss		149	

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 205 Invalid: 149 Minimum: -9 Maximum: 900000000
 Type: Discrete Decimal: 0 Width: 9 Range: -9 - 900000000 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	15	7.3%
-8	Refusal (spontaneous)	22	10.7%
30000		1	0.5%
146000		1	0.5%
300000		2	1%
500000		1	0.5%
555000		1	0.5%
600000		3	1.5%
610000		1	0.5%
700000		1	0.5%
750000		1	0.5%
888493		1	0.5%
900000		1	0.5%
915000		1	0.5%
920000		1	0.5%

922500		1	0.5%
1000000		3	1.5%
1150000		1	0.5%
1200000		4	2%
1240000		1	0.5%
1350000		1	0.5%
1500000		1	0.5%
1800000		2	1%
1845000		1	0.5%
2000000		2	1%
2070000		1	0.5%
2210000		1	0.5%
2300000		1	0.5%
2400000		1	0.5%
2500000		1	0.5%
2745000		1	0.5%
3000000		14	6.8%
3690000		1	0.5%
3700000		1	0.5%
4000000		4	2%
4200000		2	1%
4400000		1	0.5%
4500000		2	1%
4600000		1	0.5%
5000000		2	1%
5800000		1	0.5%
6000000		9	4.4%
6150000		1	0.5%
6200000		1	0.5%
6900000		1	0.5%
7000000		2	1%
7320000		1	0.5%
7380000		1	0.5%
7812000		1	0.5%
8000000		2	1%
9000000		1	0.5%
9500000		1	0.5%
10000000		3	1.5%
12000000		3	1.5%

12300000		1	0.5%
12400000		1	0.5%
13700000		1	0.5%
15000000		6	2.9%
15500000		1	0.5%
16000000		1	0.5%
18000000		5	2.4%
18479135		1	0.5%
18540000		1	0.5%
19000000		1	0.5%
20000000		2	1%
23180000		1	0.5%
24000000		1	0.5%
24600000		1	0.5%
25000000		5	2.4%
27450000		1	0.5%
30000000		8	3.9%
30750000		3	1.5%
36780000		1	0.5%
37000000		1	0.5%
38000000		1	0.5%
39000000		1	0.5%
40000000		1	0.5%
43000000		1	0.5%
48000000		1	0.5%
50000000		4	2%
60000000		2	1%
61000000		2	1%
70000000		1	0.5%
78000000		1	0.5%
80000000		1	0.5%
84000000		1	0.5%
122000000		1	0.5%
123241732		1	0.5%
133358133		1	0.5%
150000000		1	0.5%
154000000		1	0.5%
161000000		1	0.5%
250000000		1	0.5%

305086372		1	0.5%
400000000		1	0.5%
610000000		2	1%
700000000		1	0.5%
900000000		1	0.5%
Sysmiss		149	

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 205 Invalid: 149 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	2%
1	Yes	132	64.4%
2	No	69	33.7%
Sysmiss		149	

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 132 Invalid: 222 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	84.1%
2	No	21	15.9%
Sysmiss		222	

K14B: Type of Collateral Required For The Most Recent Loan? Equipment**Data file:** North-Macedonia-2023-full-data.dta**Overview**

Valid: 132 Invalid: 222 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	0.8%
1	Yes	35	26.5%
2	No	96	72.7%
Sysmiss		222	

K14C: Type of Collateral Required For The Most Recent Loan? Accounts**Data file:** North-Macedonia-2023-full-data.dta**Overview**

Valid: 132 Invalid: 222 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	132	100%
Sysmiss		222	

K14D: Type of Collateral Required For The Most Recent Loan? Personal Assets**Data file:** North-Macedonia-2023-full-data.dta**Overview**

Valid: 132 Invalid: 222 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	6.8%
2	No	123	93.2%
Sysmiss		222	

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 132 Invalid: 222 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	7	5.3%
2	No	125	94.7%
Sysmiss		222	

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

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 132 Invalid: 222 Minimum: -9 Maximum: 1800000000
 Type: Discrete Decimal: 0 Width: 10 Range: -9 - 1800000000 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	69	52.3%
1		1	0.8%
300000		1	0.8%
1200000		1	0.8%
1240000		1	0.8%
2000000		1	0.8%
2021000		1	0.8%

2100000		1	0.8%
2500000		1	0.8%
3000000		2	1.5%
3600000		1	0.8%
4000000		2	1.5%
5000000		1	0.8%
6000000		2	1.5%
9000000		1	0.8%
10000000		2	1.5%
12000000		3	2.3%
12400000		1	0.8%
14100000		1	0.8%
15000000		1	0.8%
16000000		1	0.8%
18000000		2	1.5%
18450000		1	0.8%
20000000		1	0.8%
21000000		1	0.8%
24400000		2	1.5%
25000000		4	3%
30000000		4	3%
34000000		1	0.8%
35670000		1	0.8%
36000000		1	0.8%
40000000		4	3%
42000000		1	0.8%
43000000		1	0.8%
50000000		1	0.8%
60000000		1	0.8%
65000000		1	0.8%
80000000		1	0.8%
120000000		1	0.8%
123000000		1	0.8%
150000000		1	0.8%
160000000		1	0.8%
250000000		1	0.8%
300000000		1	0.8%
370000000		1	0.8%
900000000		1	0.8%

18000000000		1	0.8%
Sysmiss		222	

K15B: Total Number of Open Lines of Credit and Outstanding Loans

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 204 Invalid: 150 Minimum: -9 Maximum: 24
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 24 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	11	5.4%
1		78	38.2%
2		39	19.1%
3		24	11.8%
4		9	4.4%
5		14	6.9%
6		6	2.9%
7		7	3.4%
8		2	1%
9		2	1%
10		4	2%
11		1	0.5%
12		2	1%
13		1	0.5%
14		1	0.5%
15		1	0.5%
20		1	0.5%
24		1	0.5%
Sysmiss		150	

K15C: Total Outstanding Balance of All Open Lines of Credit and Loans (LCU)

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 194 Invalid: 160 Minimum: -9 Maximum: 15000000000
 Type: Discrete Decimal: 0 Width: 10 Range: -9 - 15000000000 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	36	18.6%
-8	Refusal (spontaneous)	37	19.1%
0		10	5.2%
30000		1	0.5%
90000		1	0.5%
170071		1	0.5%
500000		1	0.5%
600000		3	1.5%
650000		1	0.5%
680000		1	0.5%
1000000		1	0.5%
1120000		1	0.5%
1200000		1	0.5%
1230000		1	0.5%
1300000		1	0.5%
1440000		1	0.5%
1500000		2	1%
1800000		1	0.5%
2000000		2	1%
2070302		1	0.5%
2186000		1	0.5%
2480000		1	0.5%
3125980		1	0.5%
3800000		1	0.5%
4300000		1	0.5%
5000000		4	2.1%
5400000		1	0.5%
5500000		1	0.5%
6000000		1	0.5%
8000000		2	1%
8420000		1	0.5%
9000000		2	1%
10000000		1	0.5%
12000000		1	0.5%
13000000		1	0.5%

17000000		1	0.5%
17868000		1	0.5%
19464047		1	0.5%
20000000		4	2.1%
21000000		1	0.5%
21692000		1	0.5%
22000000		1	0.5%
23000000		2	1%
24000000		2	1%
25000000		4	2.1%
30000000		4	2.1%
34110000		1	0.5%
35875072		1	0.5%
36000000		1	0.5%
42500000		1	0.5%
43000000		1	0.5%
47300000		1	0.5%
47719829		1	0.5%
50000000		1	0.5%
57507547		1	0.5%
58000000		1	0.5%
61500000		1	0.5%
66000000		1	0.5%
75000000		1	0.5%
80000000		2	1%
90000000		1	0.5%
92000000		1	0.5%
95000000		1	0.5%
100000000		3	1.5%
103700000		1	0.5%
103981000		1	0.5%
120000000		1	0.5%
124000000		1	0.5%
128150000		1	0.5%
130000000		1	0.5%
133358133		1	0.5%
150000000		1	0.5%
153750000		1	0.5%
156000000		1	0.5%

158104070		1	0.5%
180000000		2	1%
194140800		1	0.5%
200000000		1	0.5%
200500000		1	0.5%
204000000		1	0.5%
225000000		1	0.5%
262565000		1	0.5%
300000000		1	0.5%
305000000		2	1%
409908875		1	0.5%
420000000		1	0.5%
522000000		1	0.5%
600000000		1	0.5%
1500000000		1	0.5%
Sysmiss		160	

K15D: Outstanding Personal Loans Used To Finance Establishment'S Business Activities?

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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)	8	2.3%
1	Yes	27	7.6%
2	No	319	90.1%

K162: In Last FY, Did Establishment Apply For New Loans/Lines of Credit?

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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	0.6%
1	Yes, a loan only	6	1.7%
2	Yes, a line of credit only	94	26.6%
3	Yes, both a line of credit and a loan	13	3.7%
4	No	239	67.5%

K17: Main Reason For Not Applying For New Loans or New Lines of Credit

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 239 Invalid: 115 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%
1	No need for a loan - establishment had sufficient capital	198	82.8%
2	Application procedures were complex	3	1.3%
3	Interest rates were not favorable	17	7.1%
4	Collateral requirements were too high	2	0.8%
5	Size of loan and maturity were insufficient	2	0.8%
6	Did not think it would be approved	1	0.4%
7	Other	16	6.7%
Sysmiss		115	

K20A1: What Was The Outcome of That Most Recent Application For Loan/Line of Credit?

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 113 Invalid: 241 Minimum: -6 Maximum: 3
 Type: Discrete Decimal: 0 Width: 2 Range: -6 - 3 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
-6	Still in process	1	0.9%
1	Application was approved in full	110	97.3%
2	Application was approved in part	1	0.9%
3	Application was rejected	1	0.9%
4	Application was withdrawn	0	0%
Sysmiss		241	

K31: Total cost to apply for most recent loan

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 19 Invalid: 335 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)	6	31.6%
0		3	15.8%
2		1	5.3%
4000		1	5.3%
18000		1	5.3%
30000		1	5.3%
77107		1	5.3%
100000		1	5.3%
134579		1	5.3%
150000		1	5.3%
200000		1	5.3%
600000		1	5.3%
Sysmiss		335	

K32: Days to receive a decision about most recent loan application**Data file: North-Macedonia-2023-full-data.dta****Overview**

Valid: 19 Invalid: 335 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		4	21.1%
3		3	15.8%
5		1	5.3%
7		1	5.3%
14		1	5.3%
15		3	15.8%
20		2	10.5%
30		3	15.8%
60		1	5.3%
Sysmiss		335	

K21: Financial Statements Checked & Certified By External Auditor In Last FY?**Data file: North-Macedonia-2023-full-data.dta****Overview**

Valid: 354 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	0.8%
1	Yes	201	56.8%
2	No	150	42.4%

K33: Percentage of payments received using e-payments**Data file: North-Macedonia-2023-full-data.dta**

Overview

Valid: 354 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)	5	1.4%
0		14	4%
1		1	0.3%
5		2	0.6%
10		10	2.8%
15		4	1.1%
20		9	2.5%
22		1	0.3%
25		2	0.6%
30		9	2.5%
40		21	5.9%
48		1	0.3%
50		22	6.2%
55		1	0.3%
60		7	2%
64		1	0.3%
65		3	0.8%
70		17	4.8%
80		19	5.4%
85		1	0.3%
90		13	3.7%
95		10	2.8%
98		2	0.6%
99		7	2%
100		172	48.6%

K34: Main type of e-payment accepted

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 335 Invalid: 19 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)	1	0.3%
1	Internet and mobile banking, including direct debit transfer	257	76.7%
2	Debit cards	66	19.7%
3	Credit cards	8	2.4%
4	E-money and e-wallet, excluding mobile money	0	0%
5	Mobile money	0	0%
6	Other	3	0.9%
Sysmiss		19	

K35: Avg. days to receive main type of e-payment

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 334 Invalid: 20 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	Payment received in less than a day	158	47.3%
1		145	43.4%
2		14	4.2%
3		3	0.9%
5		2	0.6%
7		3	0.9%
10		2	0.6%
15		3	0.9%
40		1	0.3%
60		1	0.3%
100		2	0.6%
Sysmiss		20	

K36: Cost per transaction (% of transaction) to receive main type of e-payment**Data file: North-Macedonia-2023-full-data.dta****Overview**

Valid: 334 Invalid: 20 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)	98	29.3%
0		23	6.9%
1		153	45.8%
2		43	12.9%
3		9	2.7%
4		1	0.3%
5		1	0.3%
10		1	0.3%
20		1	0.3%
30		3	0.9%
100		1	0.3%
Sysmiss		20	

K37: Monthly fees and subscription costs to receive main type of e-payment**Data file: North-Macedonia-2023-full-data.dta****Overview**

Valid: 334 Invalid: 20 Minimum: -9 Maximum: 709000
 Type: Discrete Decimal: 0 Width: 6 Range: -9 - 709000 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	152	45.5%
0		7	2.1%
1		4	1.2%
2		4	1.2%
3		1	0.3%
5		1	0.3%

70		1	0.3%
90		1	0.3%
100		2	0.6%
120		1	0.3%
300		1	0.3%
500		2	0.6%
600		1	0.3%
800		3	0.9%
850		1	0.3%
1000		10	3%
1100		1	0.3%
1200		6	1.8%
1250		1	0.3%
1500		6	1.8%
1800		1	0.3%
2000		12	3.6%
2200		1	0.3%
2500		7	2.1%
3000		15	4.5%
3050		1	0.3%
3500		3	0.9%
3800		1	0.3%
4000		8	2.4%
4200		1	0.3%
4500		5	1.5%
4606		1	0.3%
4800		1	0.3%
5000		11	3.3%
6000		9	2.7%
7000		1	0.3%
8000		2	0.6%
8500		1	0.3%
10000		5	1.5%
12000		2	0.6%
14700		1	0.3%
15000		5	1.5%
18000		1	0.3%
18416		1	0.3%
20000		3	0.9%

23000		1	0.3%
25000		3	0.9%
30000		3	0.9%
35000		1	0.3%
40000		1	0.3%
50000		3	0.9%
60000		5	1.5%
61000		2	0.6%
61500		1	0.3%
80000		1	0.3%
83000		1	0.3%
90000		1	0.3%
184500		1	0.3%
200000		1	0.3%
300000		1	0.3%
600000		2	0.6%
709000		1	0.3%
Sysmiss		20	

K38: Percentage of payments made using e-payments

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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)	9	2.5%
0		6	1.7%
1		2	0.6%
2		1	0.3%
10		2	0.6%
20		1	0.3%
40		3	0.8%
50		3	0.8%
60		2	0.6%

70		2	0.6%
80		10	2.8%
90		17	4.8%
92		1	0.3%
95		7	2%
98		3	0.8%
99		8	2.3%
100		277	78.2%

K39: Main type of e-payment used to make payments

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 339 Invalid: 15 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	332	97.9%
2	Debit cards	3	0.9%
3	Credit cards	1	0.3%
4	E-money and e-wallet, excluding mobile money	0	0%
5	Mobile money	0	0%
6	Other	3	0.9%
Sysmiss		15	

K40: Cost per transaction (% of transaction) to make main type of e-payment

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 339 Invalid: 15 Minimum: -9 Maximum: 100
 Type: Discrete Decimal: 0 Width: 3 Range: -9 - 100 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
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-9	Don't know (spontaneous)	132	38.9%
0		15	4.4%
1		136	40.1%
2		42	12.4%
3		7	2.1%
4		2	0.6%
5		2	0.6%
20		1	0.3%
100		2	0.6%
Sysmiss		15	

K30: How Much of An Obstacle: Access To Finance

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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	0.3%
-7	Does not apply	0	0%
0	No obstacle	183	51.7%
1	Minor obstacle	76	21.5%
2	Moderate obstacle	64	18.1%
3	Major obstacle	26	7.3%
4	Very severe obstacle	4	1.1%

J31: In resolving commercial disputes, courts are independent and impartial

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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)	46	13%
-7	Does not apply (spontaneous)	39	11%
1	Strongly disagree	69	19.5%
2	Tend to disagree	106	29.9%
3	Tend to agree	65	18.4%
4	Strongly agree	29	8.2%

J2: What % of Senior Management Time Was Spent In Dealing With Govt Regulations?

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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)	32	9%
0	No time was spent	90	25.4%
1		19	5.4%
2		29	8.2%
3		14	4%
4		3	0.8%
5		38	10.7%
6		1	0.3%
7		3	0.8%
8		7	2%
10		53	15%
12		3	0.8%
14		1	0.3%
15		12	3.4%
20		19	5.4%
22		1	0.3%
25		3	0.8%
30		12	3.4%
40		2	0.6%
50		4	1.1%

60		4	1.1%
70		1	0.3%
80		2	0.6%
100		1	0.3%

J3: Over The Last 12 Months, Was This Establishment Inspected By Tax officials?

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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	231	65.3%
2	No	123	34.7%

J4: Frequency of Inspections/Requirement For Meeting By Tax officials

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 231 Invalid: 123 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)	11	4.8%
1		91	39.4%
2		58	25.1%
3		32	13.9%
4		14	6.1%
5		8	3.5%
6		3	1.3%
7		1	0.4%
8		1	0.4%

10		4	1.7%
12		1	0.4%
15		2	0.9%
20		2	0.9%
30		2	0.9%
40		1	0.4%
Sysmiss		123	

J5: In Any of These Inspections Was A Gift/Informal Payment Requested ?

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 231 Invalid: 123 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	1.3%
-8	Refusal (spontaneous)	3	1.3%
1	Yes	14	6.1%
2	No	211	91.3%
Sysmiss		123	

J32: Did any of these visits or meetings consist of a tax audit?

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 231 Invalid: 123 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	3%
1	Yes	21	9.1%
2	No	203	87.9%
Sysmiss		123	

J33: Weeks until final audit report was received**Data file:** North-Macedonia-2023-full-data.dta**Overview**

Valid: 21 Invalid: 333 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)	1	4.8%
-5	Audit is ongoing	2	9.5%
1	One week or less	7	33.3%
2		2	9.5%
4		2	9.5%
6		1	4.8%
8		2	9.5%
10		2	9.5%
12		1	4.8%
15		1	4.8%
Sysmiss		333	

J34: Establishment outsourced some tax-related activities in the last FY**Data file:** North-Macedonia-2023-full-data.dta**Overview**

Valid: 354 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	0.3%
1	Yes, fully	127	35.9%
2	Yes, partially	37	10.5%
3	No	189	53.4%

J35A: Total annual time spent on tax compliance (hours)**Data file: North-Macedonia-2023-full-data.dta****Overview**

Valid: 157 Invalid: 197 Minimum: -9 Maximum: 1790
 Type: Discrete Decimal: 0 Width: 4 Range: -9 - 1790 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	71	45.2%
1	One hour or less	1	0.6%
2		1	0.6%
3		3	1.9%
4		2	1.3%
5		3	1.9%
8		1	0.6%
20		4	2.5%
24		2	1.3%
25		3	1.9%
30		7	4.5%
36		1	0.6%
40		5	3.2%
50		6	3.8%
52		1	0.6%
80		1	0.6%
96		3	1.9%
100		3	1.9%
120		4	2.5%
150		2	1.3%
160		1	0.6%
170		1	0.6%
180		1	0.6%
185		1	0.6%
190		1	0.6%
200		3	1.9%
240		1	0.6%
250		3	1.9%
280		1	0.6%
300		3	1.9%

320		2	1.3%
360		2	1.3%
384		1	0.6%
480		1	0.6%
512		1	0.6%
600		2	1.3%
720		1	0.6%
744		3	1.9%
745		1	0.6%
755		2	1.3%
1790		1	0.6%
Sysmiss		197	

J35B: Average monthly time spent on tax compliance (hours)

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 197 Invalid: 157 Minimum: -9 Maximum: 744
 Type: Discrete Decimal: 0 Width: 3 Range: -9 - 744 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	63	32%
1	One hour or less	8	4.1%
2		6	3%
3		6	3%
4		7	3.6%
5		12	6.1%
6		3	1.5%
7		2	1%
8		8	4.1%
10		6	3%
12		1	0.5%
15		2	1%
16		3	1.5%
20		7	3.6%
24		2	1%

25		1	0.5%
30		7	3.6%
32		2	1%
35		1	0.5%
40		7	3.6%
45		1	0.5%
50		3	1.5%
64		1	0.5%
65		1	0.5%
80		3	1.5%
95		1	0.5%
96		1	0.5%
100		1	0.5%
120		3	1.5%
125		5	2.5%
155		1	0.5%
160		2	1%
176		1	0.5%
180		2	1%
185		2	1%
190		1	0.5%
200		2	1%
205		1	0.5%
220		2	1%
230		1	0.5%
240		1	0.5%
300		1	0.5%
320		1	0.5%
744		5	2.5%
Sysmiss		157	

J36: In last FY, did establishment file taxes electronically

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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	0.3%
1	Yes, fully	345	97.5%
2	Yes, partially	5	1.4%
3	No	3	0.8%

J37: In last FY, did establishment pay taxes electronically

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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)	2	0.6%
1	Yes, fully	344	97.2%
2	Yes, partially	3	0.8%
3	No	5	1.4%

J38: In the last 3 yrs., establishment has applied for a VAT refund

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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	1.7%
-7	Not VAT eligible	2	0.6%
-6	VAT refund not available	7	2%
1	Yes	166	46.9%

2	No	173	48.9%
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J39: Weeks to receive VAT refund

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 166 Invalid: 188 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)	13	7.8%
-5	Refund still outstanding	26	15.7%
1	One week or less	6	3.6%
2		6	3.6%
3		9	5.4%
4		36	21.7%
5		14	8.4%
6		9	5.4%
7		1	0.6%
8		21	12.7%
9		4	2.4%
10		2	1.2%
12		6	3.6%
15		4	2.4%
16		1	0.6%
30		5	3%
35		1	0.6%
60		1	0.6%
90		1	0.6%
Sysmiss		188	

J40: Main reason for not applying for a VAT tax refund

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 173 Invalid: 181 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)	3	1.7%
1	VAT cash refunds take too long to receive	18	10.4%
2	The application for a VAT cash refund is too complicated	7	4%
3	The establishment did not need to apply for a VAT cash refund	83	48%
4	Other	62	35.8%
Sysmiss		181	

J6A: Government Contract Secured (or Attempted) In The Last 12 Months?

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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	0.6%
1	Yes	60	16.9%
2	No	292	82.5%

J41: Degree of difficulty to comply with govt contract tender requirements

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 60 Invalid: 294 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	6	10%
2	Moderately difficult	28	46.7%

3	Somewhat difficult	15	25%
4	Not difficult at all	11	18.3%
Sysmiss		294	

J42: Establishment has held a govt contract in last 3 yrs?

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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	0.6%
1	Yes	73	20.6%
2	No	279	78.8%

J43: Typical number of days to receive payment under govt contract

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 73 Invalid: 281 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)	12	16.4%
1	Less than one day	1	1.4%
3		1	1.4%
6		2	2.7%
10		1	1.4%
15		3	4.1%
20		5	6.8%
30		14	19.2%
40		2	2.7%
45		2	2.7%

60		14	19.2%
80		1	1.4%
90		7	9.6%
120		3	4.1%
180		2	2.7%
220		1	1.4%
365		1	1.4%
500		1	1.4%
Sysmiss		281	

J7A: Percent of Total Annual Sales Paid In Informal Payments

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 345 Invalid: 9 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)	108	31.3%
-8	Refusal (spontaneous)	13	3.8%
0	No payments or gifts are paid	214	62%
1		3	0.9%
4		1	0.3%
5		1	0.3%
10		4	1.2%
15		1	0.3%
Sysmiss		9	

J7B: Total Annual Informal Payment

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 9 Invalid: 345 Minimum: 0 Maximum: 300000
 Type: Discrete Decimal: 0 Width: 6 Range: 0 - 300000 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	1	11.1%
10000		1	11.1%
18000		1	11.1%
30000		1	11.1%
60000		2	22.2%
200000		1	11.1%
300000		2	22.2%
Sysmiss		345	

J10: Application To Obtain An Import License Submitted Over The Last 2 Years?

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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	0.8%
1	Yes	28	7.9%
2	No	323	91.2%

J11: How Many Days Did It Take To Obtain Your Import License?

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 28 Invalid: 326 Minimum: -9 Maximum: 35
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 35 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	4	14.3%
-6	Still in process	0	0%
-5	Application denied	0	0%
1	One day or less	0	0%
2		1	3.6%
3		2	7.1%
4		1	3.6%
5		5	17.9%
7		3	10.7%
10		3	10.7%
14		3	10.7%
15		2	7.1%
21		1	3.6%
30		2	7.1%
35		1	3.6%
Sysmiss		326	

J12: When You Applied For An Import License, Was An Informal Gift/Payment Requested?

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 28 Invalid: 326 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	28	100%
Sysmiss		326	

J13: Application To Obtain An Operating License Submitted Over Last 2 Years?

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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	0.3%
1	Yes	14	4%
2	No	339	95.8%

J14: How Many Days Did It Take To Obtain Your Operating License?

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 14 Invalid: 340 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)	2	14.3%
-6	Still in process	0	0%
-5	Application denied	0	0%
1	One day or less	0	0%
2		2	14.3%
3		1	7.1%
5		1	7.1%
7		5	35.7%
14		1	7.1%
60		1	7.1%
90		1	7.1%
Sysmiss		340	

J15: When You Applied For Operating License Was An Informal Gift/Payment Requested?

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 14 Invalid: 340 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	21.4%
-8	Refusal (spontaneous)	0	0%
1	Yes	0	0%
2	No	11	78.6%
Sysmiss		340	

J30A: How Much of An Obstacle: Tax Rates

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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	0.3%
-7	Does not apply	1	0.3%
0	No obstacle	141	39.8%
1	Minor obstacle	72	20.3%
2	Moderate obstacle	95	26.8%
3	Major obstacle	39	11%
4	Very severe obstacle	5	1.4%

J30B: How Much of An Obstacle: Tax Administrations

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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	0.3%
0	No obstacle	158	44.6%
1	Minor obstacle	83	23.4%
2	Moderate obstacle	75	21.2%
3	Major obstacle	34	9.6%
4	Very severe obstacle	3	0.8%

J30C: How Much of An Obstacle: Business Licensing And Permits

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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	0.3%
-7	Does not apply	2	0.6%
0	No obstacle	223	63%
1	Minor obstacle	40	11.3%
2	Moderate obstacle	57	16.1%
3	Major obstacle	24	6.8%
4	Very severe obstacle	7	2%

J30E: How Much of An Obstacle: Political Instability

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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	0.6%
-7	Does not apply	3	0.8%
0	No obstacle	63	17.8%
1	Minor obstacle	38	10.7%
2	Moderate obstacle	107	30.2%
3	Major obstacle	92	26%
4	Very severe obstacle	49	13.8%

J30F: How Much of An Obstacle: Corruption

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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)	13	3.7%
-7	Does not apply	5	1.4%
0	No obstacle	125	35.3%
1	Minor obstacle	41	11.6%
2	Moderate obstacle	59	16.7%
3	Major obstacle	75	21.2%
4	Very severe obstacle	36	10.2%

H30: How Much of An Obstacle: Courts

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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)	15	4.2%
-7	Does not apply	17	4.8%
0	No obstacle	158	44.6%
1	Minor obstacle	32	9%
2	Moderate obstacle	62	17.5%
3	Major obstacle	47	13.3%
4	Very severe obstacle	23	6.5%

I30: How Much of An Obstacle: Crime, Theft And Disorder?

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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)	7	2%
-7	Does not apply	4	1.1%
0	No obstacle	137	38.7%
1	Minor obstacle	52	14.7%
2	Moderate obstacle	66	18.6%
3	Major obstacle	59	16.7%
4	Very severe obstacle	29	8.2%

J30_TAXRATE_POS: J30: rotation position 1

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 Invalid: Minimum: 1 Maximum: 7
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 7 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		56	15.8%
2		64	18.1%
3		47	13.3%
4		51	14.4%
5		40	11.3%
6		46	13%
7		50	14.1%

J30_TAXADMIN_POS: J30: rotation position 2

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 Invalid: Minimum: 1 Maximum: 7
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 7 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		32	9%
2		41	11.6%
3		59	16.7%
4		62	17.5%
5		47	13.3%
6		58	16.4%
7		55	15.5%

J30_PERMIT_POS: J30: rotation position 3

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 Invalid: Minimum: 1 Maximum: 7
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 7 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		36	10.2%
2		56	15.8%
3		41	11.6%
4		50	14.1%
5		63	17.8%
6		51	14.4%
7		57	16.1%

J30_INSTABILITY_POS: J30: rotation position 4

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 Invalid: Minimum: 1 Maximum: 7
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 7 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		41	11.6%
2		48	13.6%
3		51	14.4%
4		33	9.3%
5		76	21.5%
6		48	13.6%
7		57	16.1%

J30_CORRUPTION_POS: J30: rotation position 5

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 Invalid: Minimum: 1 Maximum: 7
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 7 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		53	15%
2		46	13%
3		55	15.5%
4		58	16.4%
5		25	7.1%
6		61	17.2%
7		56	15.8%

J30_COURTS_POS: J30: rotation position 6

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 Invalid: Minimum: 1 Maximum: 7
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 7 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		53	15%
2		51	14.4%
3		49	13.8%
4		51	14.4%
5		60	16.9%
6		39	11%
7		51	14.4%

J30_CRIME_POS: J30: rotation position 7

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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	23.4%
2		48	13.6%
3		52	14.7%
4		49	13.8%
5		43	12.1%
6		51	14.4%
7		28	7.9%

L1: Num. Permanent, Full-Time Employees At End of Last Fiscal Year

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 Invalid: Minimum: -9 Maximum: 6270
 Type: Discrete Decimal: 0 Width: 4 Range: -9 - 6270 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	2	100%

L2: Num. Permanent, Full-Time Employees At End of 3 Fiscal Years Ago

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 Invalid: Minimum: -9 Maximum: 5360
 Type: Discrete Decimal: 0 Width: 4 Range: -9 - 5360 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	13	100%
-7	Establishment was not in business	0	0%

L3A: Num. Full-Time Employees At End of Last FY: Production Workers**Data file: North-Macedonia-2023-full-data.dta****Overview**

Valid: 120 Invalid: 234 Minimum: -9 Maximum: 1200
 Type: Discrete Decimal: 0 Width: 4 Range: -9 - 1200 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	3	2.5%
3		3	2.5%
5		6	5%
6		3	2.5%
7		1	0.8%
8		3	2.5%
9		2	1.7%
10		1	0.8%
11		1	0.8%
12		2	1.7%
13		3	2.5%
14		2	1.7%
15		1	0.8%
16		3	2.5%
17		1	0.8%
18		1	0.8%
19		1	0.8%
20		1	0.8%
21		1	0.8%
22		1	0.8%
25		2	1.7%
26		2	1.7%
27		2	1.7%
29		2	1.7%
30		1	0.8%
31		1	0.8%
35		3	2.5%
37		1	0.8%
39		1	0.8%
40		1	0.8%

42		1	0.8%
44		1	0.8%
45		1	0.8%
47		2	1.7%
50		4	3.3%
51		1	0.8%
55		1	0.8%
60		1	0.8%
61		2	1.7%
63		1	0.8%
64		1	0.8%
65		1	0.8%
68		1	0.8%
70		2	1.7%
71		1	0.8%
73		1	0.8%
75		2	1.7%
78		1	0.8%
82		1	0.8%
84		1	0.8%
86		1	0.8%
96		1	0.8%
100		1	0.8%
102		1	0.8%
105		1	0.8%
107		1	0.8%
110		1	0.8%
115		1	0.8%
117		1	0.8%
120		1	0.8%
128		1	0.8%
130		1	0.8%
135		1	0.8%
138		1	0.8%
141		1	0.8%
142		1	0.8%
150		3	2.5%
152		2	1.7%
156		1	0.8%

170		1	0.8%
175		1	0.8%
187		1	0.8%
200		3	2.5%
235		1	0.8%
309		1	0.8%
345		1	0.8%
381		1	0.8%
454		1	0.8%
490		1	0.8%
500		1	0.8%
723		1	0.8%
1200		1	0.8%
Sysmiss		234	

L3B: Num. Full-Time Employees At End of Last FY: Non-Production Workers

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 120 Invalid: 234 Minimum: -9 Maximum: 215
 Type: Discrete Decimal: 0 Width: 3 Range: -9 - 215 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	3	2.5%
0		5	4.2%
1		3	2.5%
2		7	5.8%
3		13	10.8%
4		4	3.3%
5		17	14.2%
6		7	5.8%
7		4	3.3%
8		3	2.5%
9		2	1.7%
10		9	7.5%
12		5	4.2%

13		2	1.7%
14		1	0.8%
15		2	1.7%
17		2	1.7%
19		1	0.8%
20		5	4.2%
23		1	0.8%
25		1	0.8%
30		1	0.8%
35		1	0.8%
36		1	0.8%
39		1	0.8%
40		1	0.8%
44		2	1.7%
48		1	0.8%
49		2	1.7%
51		1	0.8%
64		1	0.8%
70		2	1.7%
74		1	0.8%
75		1	0.8%
80		1	0.8%
81		1	0.8%
85		1	0.8%
88		1	0.8%
100		1	0.8%
186		1	0.8%
215		1	0.8%
Sysmiss		234	

L4A1: Num. of Permanent, Full-Time Skilled Production Workers, Last FY

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 Invalid: Minimum: -9 Maximum: 1089

Type: Discrete Decimal: 0 Width: 4 Range: -9 - 1089 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	14	4%
0		47	13.3%
1		19	5.4%
2		36	10.2%
3		33	9.3%
4		20	5.6%
5		26	7.3%
6		18	5.1%
7		7	2%
8		9	2.5%
9		6	1.7%
10		20	5.6%
11		2	0.6%
12		3	0.8%
13		2	0.6%
14		2	0.6%
15		8	2.3%
16		5	1.4%
17		1	0.3%
18		1	0.3%
19		1	0.3%
20		14	4%
21		2	0.6%
22		1	0.3%
23		1	0.3%
25		6	1.7%
27		1	0.3%
28		1	0.3%
30		6	1.7%
35		3	0.8%
36		1	0.3%
38		1	0.3%
39		1	0.3%
40		2	0.6%
41		1	0.3%
46		1	0.3%
50		4	1.1%
60		3	0.8%

73		1	0.3%
75		1	0.3%
80		2	0.6%
86		1	0.3%
100		6	1.7%
102		1	0.3%
115		1	0.3%
150		2	0.6%
160		2	0.6%
176		1	0.3%
200		2	0.6%
310		1	0.3%
450		1	0.3%
500		1	0.3%
506		1	0.3%
1089		1	0.3%

L4A2: Num. of Permanent, Full-Time Semi-skilled Production Workers, Last FY

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 Invalid: Minimum: -9 Maximum: 1089

Type: Discrete Decimal: 0 Width: 4 Range: -9 - 1089 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	15	4.2%
0		27	7.6%
1		10	2.8%
2		19	5.4%
3		9	2.5%
4		18	5.1%
5		16	4.5%
6		15	4.2%
7		11	3.1%
8		9	2.5%
9		6	1.7%

10		18	5.1%
11		4	1.1%
12		5	1.4%
13		4	1.1%
14		2	0.6%
15		10	2.8%
16		2	0.6%
17		4	1.1%
18		1	0.3%
19		5	1.4%
20		11	3.1%
21		1	0.3%
23		5	1.4%
24		1	0.3%
25		7	2%
26		2	0.6%
27		2	0.6%
29		2	0.6%
30		10	2.8%
31		3	0.8%
34		6	1.7%
36		2	0.6%
37		2	0.6%
38		1	0.3%
39		1	0.3%
40		10	2.8%
42		1	0.3%
44		1	0.3%
45		2	0.6%
46		2	0.6%
48		1	0.3%
49		2	0.6%
50		5	1.4%
53		1	0.3%
55		1	0.3%
56		1	0.3%
57		2	0.6%
58		2	0.6%
59		1	0.3%

60		4	1.1%
63		1	0.3%
65		1	0.3%
68		1	0.3%
70		2	0.6%
78		1	0.3%
80		3	0.8%
82		1	0.3%
85		2	0.6%
86		1	0.3%
87		1	0.3%
90		2	0.6%
98		1	0.3%
100		7	2%
105		1	0.3%
113		1	0.3%
120		2	0.6%
124		1	0.3%
125		1	0.3%
130		1	0.3%
140		1	0.3%
141		1	0.3%
144		1	0.3%
150		3	0.8%
170		1	0.3%
175		1	0.3%
200		1	0.3%
210		1	0.3%
216		1	0.3%
241		1	0.3%
307		1	0.3%
315		1	0.3%
370		1	0.3%
413		1	0.3%
650		1	0.3%
708		1	0.3%
800		1	0.3%
900		1	0.3%
1089		1	0.3%

L4B: Num. of Permanent, Full-Time Low-skilled Production Workers, Last FY**Data file: North-Macedonia-2023-full-data.dta****Overview**

Valid: 354 Invalid: Minimum: -9 Maximum: 1548

Type: Discrete Decimal: 0 Width: 4 Range: -9 - 1548 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	14	4%
0		176	49.7%
1		15	4.2%
2		24	6.8%
3		11	3.1%
4		7	2%
5		12	3.4%
6		4	1.1%
7		2	0.6%
8		5	1.4%
9		2	0.6%
10		11	3.1%
11		1	0.3%
12		3	0.8%
13		2	0.6%
14		3	0.8%
15		3	0.8%
16		2	0.6%
17		2	0.6%
18		2	0.6%
19		1	0.3%
20		2	0.6%
25		3	0.8%
27		1	0.3%
30		1	0.3%
32		2	0.6%
35		2	0.6%
36		2	0.6%

38		1	0.3%
39		1	0.3%
40		1	0.3%
44		1	0.3%
50		6	1.7%
52		1	0.3%
54		1	0.3%
56		1	0.3%
59		1	0.3%
60		1	0.3%
61		1	0.3%
65		2	0.6%
66		1	0.3%
70		1	0.3%
72		1	0.3%
73		1	0.3%
80		1	0.3%
85		1	0.3%
95		1	0.3%
121		1	0.3%
127		1	0.3%
132		1	0.3%
139		1	0.3%
140		1	0.3%
141		1	0.3%
150		1	0.3%
161		1	0.3%
175		1	0.3%
200		1	0.3%
220		1	0.3%
300		1	0.3%
740		1	0.3%
1548		1	0.3%

L5A: Num. Full-Time Employees At End of Last FY: Female Production Workers

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 120 Invalid: 234 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)	5	4.2%
0		23	19.2%
1		3	2.5%
2		7	5.8%
3		5	4.2%
4		1	0.8%
5		5	4.2%
6		1	0.8%
7		2	1.7%
8		2	1.7%
10		5	4.2%
11		1	0.8%
12		2	1.7%
14		1	0.8%
15		3	2.5%
17		2	1.7%
18		1	0.8%
20		4	3.3%
21		1	0.8%
22		1	0.8%
23		1	0.8%
25		2	1.7%
27		2	1.7%
28		2	1.7%
30		3	2.5%
34		1	0.8%
35		1	0.8%
40		1	0.8%
41		1	0.8%
42		2	1.7%
48		1	0.8%
50		3	2.5%
55		1	0.8%
56		2	1.7%

59		1	0.8%
70		1	0.8%
80		3	2.5%
90		1	0.8%
96		1	0.8%
110		2	1.7%
111		1	0.8%
113		1	0.8%
120		1	0.8%
128		2	1.7%
134		1	0.8%
141		1	0.8%
180		1	0.8%
200		1	0.8%
220		1	0.8%
269		1	0.8%
400		1	0.8%
500		1	0.8%
Sysmiss		234	

L5B: Num. Full-Time Employees At End of Last FY: Female Non-Production Workers

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 120 Invalid: 234 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)	4	3.3%
0		17	14.2%
1		6	5%
2		21	17.5%
3		12	10%
4		11	9.2%
5		9	7.5%
6		6	5%

7		1	0.8%
8		5	4.2%
10		7	5.8%
12		1	0.8%
13		1	0.8%
14		1	0.8%
15		2	1.7%
16		1	0.8%
17		3	2.5%
20		3	2.5%
25		1	0.8%
34		2	1.7%
35		1	0.8%
40		2	1.7%
50		1	0.8%
100		2	1.7%
Sysmiss		234	

L5: Num. Full-Time Employees At End of Last FY: Female

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 234 Invalid: 120 Minimum: -9 Maximum: 721
 Type: Discrete Decimal: 0 Width: 3 Range: -9 - 721 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	8	3.4%
0		6	2.6%
1		17	7.3%
2		26	11.1%
3		27	11.5%
4		21	9%
5		13	5.6%
6		12	5.1%
7		4	1.7%
8		6	2.6%

9		4	1.7%
10		5	2.1%
11		6	2.6%
12		3	1.3%
13		4	1.7%
14		2	0.9%
15		3	1.3%
16		1	0.4%
18		2	0.9%
20		3	1.3%
22		1	0.4%
23		2	0.9%
24		1	0.4%
25		2	0.9%
29		1	0.4%
30		3	1.3%
32		1	0.4%
33		3	1.3%
37		1	0.4%
38		1	0.4%
39		1	0.4%
40		5	2.1%
42		1	0.4%
45		1	0.4%
49		2	0.9%
50		2	0.9%
52		1	0.4%
55		1	0.4%
60		4	1.7%
62		1	0.4%
66		1	0.4%
70		1	0.4%
72		1	0.4%
76		1	0.4%
80		2	0.9%
82		1	0.4%
84		1	0.4%
90		2	0.9%
96		1	0.4%

100		1	0.4%
102		1	0.4%
105		1	0.4%
128		1	0.4%
130		1	0.4%
144		1	0.4%
150		1	0.4%
175		1	0.4%
210		1	0.4%
220		1	0.4%
300		1	0.4%
478		1	0.4%
580		1	0.4%
700		1	0.4%
721		1	0.4%
Sysmiss		120	

L9B: % of Full Time Workers Completed High School End of Last FY

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 220 Invalid: 134 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)	13	5.9%
0		8	3.6%
3		1	0.5%
10		5	2.3%
16		1	0.5%
20		2	0.9%
25		2	0.9%
45		2	0.9%
50		9	4.1%
55		1	0.5%
60		16	7.3%

62		1	0.5%
65		2	0.9%
66		1	0.5%
68		1	0.5%
70		14	6.4%
72		1	0.5%
75		2	0.9%
79		1	0.5%
80		35	15.9%
85		4	1.8%
90		14	6.4%
92		2	0.9%
95		8	3.6%
96		2	0.9%
97		2	0.9%
98		5	2.3%
99		4	1.8%
100		61	27.7%
Sysmiss		134	

L9B1: Number of Full Time Workers Completed High School

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 134 Invalid: 220 Minimum: 1 Maximum: 3869
 Type: Discrete Decimal: 0 Width: 4 Range: 1 - 3869 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		2	1.5%
2		4	3%
3		5	3.7%
4		9	6.7%
5		7	5.2%
6		8	6%
7		10	7.5%
8		9	6.7%

9		5	3.7%
10		6	4.5%
11		4	3%
12		3	2.2%
13		5	3.7%
14		2	1.5%
15		5	3.7%
16		2	1.5%
17		4	3%
19		1	0.7%
20		4	3%
22		1	0.7%
23		1	0.7%
25		4	3%
26		1	0.7%
27		1	0.7%
29		1	0.7%
30		2	1.5%
31		1	0.7%
32		2	1.5%
33		1	0.7%
35		2	1.5%
40		4	3%
45		3	2.2%
51		1	0.7%
53		1	0.7%
55		1	0.7%
59		1	0.7%
85		1	0.7%
113		1	0.7%
122		1	0.7%
132		1	0.7%
155		1	0.7%
280		1	0.7%
500		1	0.7%
740		1	0.7%
814		1	0.7%
1473		1	0.7%
3869		1	0.7%

Sysmiss		220	
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L10: Formal Training Programs For Permanent, Full-Time Employees In Last FY

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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	1.1%
1	Yes	195	55.1%
2	No	155	43.8%

L11A: % Permanent Full-Time Production Employees Received Formal Training In Last FY

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 63 Invalid: 291 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	4.8%
0	No employees trained	1	1.6%
5		1	1.6%
10		4	6.3%
20		5	7.9%
30		3	4.8%
35		2	3.2%
40		3	4.8%
50		1	1.6%
60		1	1.6%
70		2	3.2%
80		1	1.6%

90		1	1.6%
95		1	1.6%
100		34	54%
Sysmiss		291	

L11A1: Training Programs Amount: Production Full-Time Permanent Employees Trained

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 8 Invalid: 346 Minimum: 2 Maximum: 1200
 Type: Discrete Decimal: 0 Width: 4 Range: 2 - 1200 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
0	No employees trained	0	0%
2		1	12.5%
4		1	12.5%
5		1	12.5%
15		1	12.5%
20		1	12.5%
27		1	12.5%
45		1	12.5%
1200		1	12.5%
Sysmiss		346	

L11B: % Permanent Fulltime Nonproduction Employees Received Formal Training In Last FY

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 63 Invalid: 291 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	4.8%

0	No employees trained	20	31.7%
5		3	4.8%
10		5	7.9%
15		1	1.6%
20		1	1.6%
30		2	3.2%
40		1	1.6%
50		5	7.9%
70		1	1.6%
80		1	1.6%
100		20	31.7%
Sysmiss		291	

L11B1: Training Programs Amount:Non-Production Full-Time Permanent Employees Trained

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 8 Invalid: 346 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	3	37.5%
1		2	25%
2		1	12.5%
3		1	12.5%
100		1	12.5%
Sysmiss		346	

L12A: % Permanent Full-Time Female Employees Received Formal Training In Last FY

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 145 Invalid: 209 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)	8	5.5%
0	No female employees trained	12	8.3%
1		1	0.7%
15		1	0.7%
25		1	0.7%
30		3	2.1%
40		6	4.1%
45		2	1.4%
50		9	6.2%
60		4	2.8%
70		3	2.1%
80		3	2.1%
90		1	0.7%
98		1	0.7%
100		90	62.1%
Sysmiss		209	

L12A1: Training Programs Amount: Full-Time Permanent Female Employees Trained

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 50 Invalid: 304 Minimum: 0 Maximum: 34

Type: Discrete Decimal: 0 Width: 2 Range: 0 - 34 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
0	No female employees trained	3	6%
1		7	14%
2		13	26%
3		10	20%
4		5	10%
5		2	4%

6		3	6%
7		2	4%
8		1	2%
13		1	2%
15		2	4%
34		1	2%
Sysmiss		304	

L31: In the last FY, number of workers establishment needed to hire

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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)	21	5.9%
0	No need to hire any new permanent full-time workers	184	52%
1		14	4%
2		26	7.3%
3		7	2%
4		5	1.4%
5		19	5.4%
6		3	0.8%
7		2	0.6%
8		4	1.1%
9		1	0.3%
10		16	4.5%
12		1	0.3%
14		1	0.3%
15		12	3.4%
17		1	0.3%
18		1	0.3%
20		13	3.7%
25		1	0.3%
30		3	0.8%

33		1	0.3%
40		1	0.3%
50		10	2.8%
80		1	0.3%
85		1	0.3%
92		1	0.3%
105		1	0.3%
164		1	0.3%
202		1	0.3%
300		1	0.3%

L32: In the last FY, number of workers establishment hired

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 149 Invalid: 205 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)	5	3.4%
0	No hires	26	17.4%
1		12	8.1%
2		18	12.1%
3		10	6.7%
4		5	3.4%
5		13	8.7%
6		2	1.3%
7		2	1.3%
8		3	2%
9		3	2%
10		14	9.4%
12		2	1.3%
13		1	0.7%
14		2	1.3%
15		6	4%
17		1	0.7%

20		7	4.7%
25		2	1.3%
30		4	2.7%
33		1	0.7%
35		1	0.7%
40		1	0.7%
50		3	2%
75		1	0.7%
105		1	0.7%
164		1	0.7%
202		1	0.7%
300		1	0.7%
Sysmiss		205	

L33: Main reason establishment did not hire more workers in the last FY

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 59 Invalid: 295 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)	1	1.7%
1	Non-wage labor costs were too high	1	1.7%
2	Legally required minimum wage or cost of dismissal were too high	3	5.1%
3	Lack of skilled labor	37	62.7%
4	Competitive labor costs and benefits were too high	2	3.4%
5	Not enough budget or headquarters did not authorize the hiring	4	6.8%
6	Other	11	18.6%
Sysmiss		295	

L34: In the last 3 yrs., establishment has dismissed any permanent, full-time workers

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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	1.1%
1	Yes	114	32.2%
2	No	236	66.7%

L35: Typical number of weeks to dismiss full-time permanent worker

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 114 Invalid: 240 Minimum: -9 Maximum: 45
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 45 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	3	2.6%
-6	Still in progress	2	1.8%
1	One week or less	44	38.6%
2		4	3.5%
3		2	1.8%
4		48	42.1%
6		1	0.9%
7		1	0.9%
8		1	0.9%
14		1	0.9%
15		1	0.9%
20		1	0.9%
30		4	3.5%
45		1	0.9%
Sysmiss		240	

L36: Typical number of weeks paid in severance

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 114 Invalid: 240 Minimum: -9 Maximum: 40000
 Type: Discrete Decimal: 0 Width: 5 Range: -9 - 40000 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	4	3.5%
0	No severance was paid	102	89.5%
2		1	0.9%
4		4	3.5%
7		1	0.9%
8		1	0.9%
40000		1	0.9%
Sysmiss		240	

L1A: Num. Part-time Employees At End of Last Fiscal Year

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 Invalid: Minimum: -9 Maximum: 45
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 45 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	4	1.1%
0		305	86.2%
1		22	6.2%
2		13	3.7%
3		5	1.4%
4		1	0.3%
9		1	0.3%
17		2	0.6%
45		1	0.3%

L6: Num. Full-Time Temporary Employees At End of Last FY**Data file:** North-Macedonia-2023-full-data.dta**Overview**

Valid: 354 Invalid: Minimum: -9 Maximum: 386

Type: Discrete Decimal: 0 Width: 3 Range: -9 - 386 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	5	1.4%
0	No full-time seasonal or temporary workers	306	86.4%
1		2	0.6%
2		4	1.1%
3		6	1.7%
4		2	0.6%
7		1	0.3%
10		8	2.3%
12		1	0.3%
15		3	0.8%
20		3	0.8%
22		1	0.3%
30		2	0.6%
32		1	0.3%
44		1	0.3%
45		1	0.3%
50		4	1.1%
80		1	0.3%
133		1	0.3%
386		1	0.3%

L6A: Female Temporary, Full-Time Workers Employed Throughout Last FY**Data file:** North-Macedonia-2023-full-data.dta**Overview**

Valid: 43 Invalid: 311 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)	4	9.3%
0		13	30.2%
1		1	2.3%
2		3	7%
3		1	2.3%
4		3	7%
5		2	4.7%
6		1	2.3%
8		1	2.3%
10		3	7%
12		3	7%
15		1	2.3%
20		2	4.7%
25		1	2.3%
28		1	2.3%
30		1	2.3%
37		1	2.3%
50		1	2.3%
Sysmiss		311	

L8: Avg. Length of Employment of All Full-Time Temporary Employees In Last FY

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 43 Invalid: 311 Minimum: 1 Maximum: 8
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	One month or less	3	7%
2		12	27.9%
3		17	39.5%
4		5	11.6%
5		1	2.3%
6		3	7%

7		1	2.3%
8		1	2.3%
Sysmiss		311	

L37: In the last 3 yrs., establishment has been involved in any labor dispute

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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	0.6%
1	Yes	21	5.9%
2	No	331	93.5%

L38: Typical number of weeks to resolve labor dispute

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 21 Invalid: 333 Minimum: -9 Maximum: 36
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 36 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	2	9.5%
-7	No dispute has been resolved	0	0%
1	One month or less	2	9.5%
2		1	4.8%
4		1	4.8%
6		2	9.5%
9		1	4.8%
10		2	9.5%
12		3	14.3%
15		1	4.8%

16		2	9.5%
18		1	4.8%
20		1	4.8%
24		1	4.8%
36		1	4.8%
Sysmiss		333	

L39: Cost to resolve labor dispute

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 21 Invalid: 333 Minimum: -9 Maximum: 3000000
 Type: Discrete Decimal: 0 Width: 7 Range: -9 - 3000000 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	15	71.4%
0		1	4.8%
15000		1	4.8%
50000		1	4.8%
60000		1	4.8%
2000000		1	4.8%
3000000		1	4.8%
Sysmiss		333	

L40: In last FY, was establishment visited by health and safety inspectors

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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	0.6%
1	Yes	275	77.7%

2	No	77	21.8%
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L41: Was a report issued for health and safety inspection

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 275 Invalid: 79 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	233	84.7%
2	No	42	15.3%
Sysmiss		79	

L30A: How Much of An Obstacle: Labor Regulations?

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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	0.3%
-7	Does not apply	0	0%
0	No obstacle	161	45.5%
1	Minor obstacle	78	22%
2	Moderate obstacle	75	21.2%
3	Major obstacle	31	8.8%
4	Very severe obstacle	8	2.3%

L30B: How Much of An Obstacle: Inadequately Educated Workforce?**Data file: North-Macedonia-2023-full-data.dta****Overview**

Valid: 354 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	104	29.4%
1	Minor obstacle	56	15.8%
2	Moderate obstacle	80	22.6%
3	Major obstacle	86	24.3%
4	Very severe obstacle	28	7.9%

M1A: Biggest Obstacle Affecting The Operation of This Establishment**Data file: North-Macedonia-2023-full-data.dta****Overview**

Valid: 354 Invalid: 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)	5	1.4%
-7	Does not apply	6	1.7%
1	Access to finance	24	6.8%
2	Access to land	0	0%
3	Business licensing and permits	17	4.8%
4	Corruption	27	7.6%
5	Courts	10	2.8%
6	Crime, theft and disorder	10	2.8%
7	Customs and trade regulations	14	4%
8	Electricity	24	6.8%
9	Inadequately educated workforce	77	21.8%

10	Labor regulations	9	2.5%
11	Political instability	59	16.7%
12	Practices of competitors in the informal sector	48	13.6%
13	Tax administration	6	1.7%
14	Tax rates	11	3.1%
15	Transport	7	2%

M1A_FINANCE_POS: m1a: Position of Access to Finance

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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	7.6%
2		22	6.2%
3		19	5.4%
4		22	6.2%
5		24	6.8%
6		20	5.6%
7		19	5.4%
8		24	6.8%
9		15	4.2%
10		21	5.9%
11		33	9.3%
12		26	7.3%
13		30	8.5%
14		33	9.3%
15		19	5.4%

M1A_LAND_POS: m1a: Position of Access to land

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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	7.6%
2		24	6.8%
3		15	4.2%
4		26	7.3%
5		23	6.5%
6		16	4.5%
7		27	7.6%
8		26	7.3%
9		22	6.2%
10		16	4.5%
11		35	9.9%
12		33	9.3%
13		20	5.6%
14		21	5.9%
15		23	6.5%

M1A_PERMIT_POS: m1a: Position of Business licensing and permits

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 Invalid: Minimum: 1 Maximum: 15
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 15 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		33	9.3%
2		29	8.2%
3		21	5.9%
4		13	3.7%
5		18	5.1%
6		14	4%
7		25	7.1%
8		14	4%

9		16	4.5%
10		19	5.4%
11		32	9%
12		43	12.1%
13		29	8.2%
14		29	8.2%
15		19	5.4%

M1A_CORRUPTION_POS: m1a: Position of corruption

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 Invalid: Minimum: 1 Maximum: 15
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 15 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		28	7.9%
2		18	5.1%
3		27	7.6%
4		16	4.5%
5		21	5.9%
6		23	6.5%
7		26	7.3%
8		15	4.2%
9		23	6.5%
10		16	4.5%
11		36	10.2%
12		28	7.9%
13		28	7.9%
14		20	5.6%
15		29	8.2%

M1A_COURTS_POS: m1a: Position of Courts

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 Invalid: Minimum: 1 Maximum: 15
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 15 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		20	5.6%
2		20	5.6%
3		23	6.5%
4		22	6.2%
5		21	5.9%
6		25	7.1%
7		28	7.9%
8		13	3.7%
9		28	7.9%
10		19	5.4%
11		29	8.2%
12		24	6.8%
13		23	6.5%
14		31	8.8%
15		28	7.9%

M1A_CRIME_POS: m1a: Position of Crime, theft and disorder

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 Invalid: Minimum: 1 Maximum: 15
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 15 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		29	8.2%
2		22	6.2%
3		20	5.6%
4		17	4.8%
5		25	7.1%

6		10	2.8%
7		21	5.9%
8		21	5.9%
9		20	5.6%
10		14	4%
11		32	9%
12		34	9.6%
13		32	9%
14		25	7.1%
15		32	9%

M1A_TRADE_POS: m1a: Position of Customs and trade regulations

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 Invalid: Minimum: 1 Maximum: 15

Type: Discrete Decimal: 0 Width: 2 Range: 1 - 15 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		25	7.1%
2		16	4.5%
3		29	8.2%
4		18	5.1%
5		16	4.5%
6		20	5.6%
7		11	3.1%
8		14	4%
9		19	5.4%
10		28	7.9%
11		38	10.7%
12		31	8.8%
13		28	7.9%
14		40	11.3%
15		21	5.9%

M1A_ELECTRICITY_POS: m1a: Position of Electricity**Data file: North-Macedonia-2023-full-data.dta****Overview**

Valid: 354 Invalid: Minimum: 1 Maximum: 15

Type: Discrete Decimal: 0 Width: 2 Range: 1 - 15 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		6	1.7%
2		16	4.5%
3		18	5.1%
4		20	5.6%
5		25	7.1%
6		26	7.3%
7		24	6.8%
8		17	4.8%
9		20	5.6%
10		22	6.2%
11		42	11.9%
12		38	10.7%
13		27	7.6%
14		28	7.9%
15		25	7.1%

M1A_WORKFORCE_POS: m1a: Position of Inadequately educated workforce**Data file: North-Macedonia-2023-full-data.dta****Overview**

Valid: 354 Invalid: Minimum: 1 Maximum: 15

Type: Discrete Decimal: 0 Width: 2 Range: 1 - 15 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		8	2.3%
2		19	5.4%
3		22	6.2%

4		21	5.9%
5		19	5.4%
6		23	6.5%
7		12	3.4%
8		31	8.8%
9		22	6.2%
10		23	6.5%
11		45	12.7%
12		25	7.1%
13		35	9.9%
14		24	6.8%
15		25	7.1%

M1A_LABOR_POS: m1a: Position of Labor regulations

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 Invalid: Minimum: 1 Maximum: 15
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 15 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		15	4.2%
2		18	5.1%
3		10	2.8%
4		17	4.8%
5		23	6.5%
6		30	8.5%
7		25	7.1%
8		33	9.3%
9		23	6.5%
10		26	7.3%
11		32	9%
12		36	10.2%
13		28	7.9%
14		24	6.8%
15		14	4%

M1A_INSTABILITY_POS: m1a: Position of Political instability**Data file:** North-Macedonia-2023-full-data.dta**Overview**

Valid: 354 Invalid: Minimum: 1 Maximum: 15
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 15 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		20	5.6%
2		27	7.6%
3		22	6.2%
4		28	7.9%
5		22	6.2%
6		21	5.9%
7		16	4.5%
8		22	6.2%
9		29	8.2%
10		29	8.2%
12		36	10.2%
13		30	8.5%
14		29	8.2%
15		23	6.5%

M1A_INFORMAL_POS: m1a: Position of Practices of competitors in the informal sector**Data file:** North-Macedonia-2023-full-data.dta**Overview**

Valid: 354 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	7.6%
2		24	6.8%

3		35	9.9%
4		32	9%
5		24	6.8%
6		26	7.3%
7		24	6.8%
8		27	7.6%
9		27	7.6%
10		16	4.5%
13		44	12.4%
14		15	4.2%
15		33	9.3%

M1A_TAXADMIN_POS: m1a: Position of Tax administration

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 Invalid: Minimum: 1 Maximum: 15

Type: Discrete Decimal: 0 Width: 2 Range: 1 - 15 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		26	7.3%
2		23	6.5%
3		30	8.5%
4		32	9%
5		35	9.9%
6		31	8.8%
7		29	8.2%
8		35	9.9%
9		21	5.9%
10		31	8.8%
14		35	9.9%
15		26	7.3%

M1A_TAXRATE_POS: m1a: Position of Tax rates

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 Invalid: Minimum: 1 Maximum: 15
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 15 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		28	7.9%
2		35	9.9%
3		25	7.1%
4		36	10.2%
5		27	7.6%
6		36	10.2%
7		27	7.6%
8		34	9.6%
9		39	11%
10		30	8.5%
15		37	10.5%

M1A_TRANSPORT_POS: m1a: Position of Transport

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 Invalid: Minimum: 1 Maximum: 10
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		35	9.9%
2		41	11.6%
3		38	10.7%
4		34	9.6%
5		31	8.8%
6		33	9.3%
7		40	11.3%
8		28	7.9%
9		30	8.5%

10		44	12.4%
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N2A: Total Labor Cost (Incl. Wages, Salaries, Bonuses, Etc) In Last Fiscal Year

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 Invalid: Minimum: -9 Maximum: 2676783979
 Type: Discrete Decimal: 0 Width: 10 Range: -9 - 2676783979 Format: Numeric

Questions and instructions

CATEGORIES

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

N2A2: Social security payments and employment-based taxes

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 336 Invalid: 18 Minimum: -9 Maximum: 200000000
 Type: Discrete Decimal: 0 Width: 9 Range: -9 - 200000000 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	78	100%
Sysmiss		18	

N2B: Total Annual Costs of Electricity In Last Fiscal Year

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 Invalid: Minimum: -9 Maximum: 1513030937
 Type: Discrete Decimal: 0 Width: 10 Range: -9 - 1513030937 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	26	100%

N2K: Total Annual Cost of Water**Data file:** North-Macedonia-2023-full-data.dta**Overview**

Valid: 354 Invalid: Minimum: -9 Maximum: 52000000
 Type: Discrete Decimal: 0 Width: 8 Range: -9 - 52000000 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	33	100%

N2L: Total Annual Cost of high-speed, fixed broadband internet**Data file:** North-Macedonia-2023-full-data.dta**Overview**

Valid: 354 Invalid: Minimum: -9 Maximum: 600000000
 Type: Discrete Decimal: 0 Width: 9 Range: -9 - 600000000 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	33	100%
-7	Does not apply	0	0%

N2E: Cost of Raw Materials And Intermediate Goods Used In Prod. In Last Fiscal Year**Data file:** North-Macedonia-2023-full-data.dta**Overview**

Valid: 120 Invalid: 234 Minimum: -9 Maximum: 10736698569
 Type: Discrete Decimal: 0 Width: 11 Range: -9 - 10736698569 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	20	16.7%
0		5	4.2%

33280		1	0.8%
110700		1	0.8%
300000		2	1.7%
400000		1	0.8%
424904		1	0.8%
464578		1	0.8%
500000		1	0.8%
986432		1	0.8%
1200000		1	0.8%
1339480		1	0.8%
1620000		1	0.8%
1900000		1	0.8%
3051622		1	0.8%
3556191		1	0.8%
3726683		1	0.8%
3850000		1	0.8%
4000000		3	2.5%
4113745		1	0.8%
4456520		1	0.8%
4999229		1	0.8%
6928770		1	0.8%
6959000		1	0.8%
7000000		1	0.8%
8282000		1	0.8%
9000000		2	1.7%
10722000		1	0.8%
15000000		2	1.7%
15500000		1	0.8%
16829525		1	0.8%
20000000		2	1.7%
21600000		1	0.8%
25880000		1	0.8%
27000000		1	0.8%
28000000		1	0.8%
29000000		1	0.8%
30000000		1	0.8%
35000000		1	0.8%
37006656		1	0.8%
40504237		1	0.8%

45000000		1	0.8%
46000000		1	0.8%
47000000		1	0.8%
48750240		1	0.8%
52000000		1	0.8%
65000000		1	0.8%
92364000		1	0.8%
111795000		1	0.8%
116000000		1	0.8%
123353000		1	0.8%
126080000		1	0.8%
130046884		1	0.8%
150000000		1	0.8%
157567000		1	0.8%
166407844		1	0.8%
180000000		3	2.5%
185000000		1	0.8%
200000000		1	0.8%
202134273		1	0.8%
202209000		1	0.8%
203036000		1	0.8%
210000000		1	0.8%
210621170		1	0.8%
217910000		1	0.8%
227484300		1	0.8%
260000000		1	0.8%
280695416		1	0.8%
336000000		1	0.8%
375000000		1	0.8%
404002666		1	0.8%
405000000		1	0.8%
445977240		1	0.8%
453886919		1	0.8%
455000000		1	0.8%
468000000		1	0.8%
574419000		1	0.8%
586000000		1	0.8%
592369187		1	0.8%
649812992		1	0.8%

718582888		1	0.8%
784738000		1	0.8%
885000000		1	0.8%
1000000000		1	0.8%
1200000000		1	0.8%
1218924882		1	0.8%
1400000000		1	0.8%
3457588138		1	0.8%
10736698569		1	0.8%
Sysmiss		234	

N2I: Total Annual Cost of Finished Goods/Materials Bought To Resell In Last FY

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 100 Invalid: 254 Minimum: -9 Maximum: 1850000000

Type: Discrete Decimal: 0 Width: 10 Range: -9 - 1850000000 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	52	52%
0		3	3%
600000		1	1%
715801		1	1%
800000		1	1%
1000000		1	1%
1590694		1	1%
2000000		1	1%
2460000		1	1%
2517601		1	1%
2944000		1	1%
4330158		1	1%
7500000		1	1%
7996106		1	1%
9800000		1	1%
9815226		1	1%
12000000		1	1%

14000000		1	1%
14200000		1	1%
14500000		1	1%
15000000		1	1%
15503677		1	1%
17000000		1	1%
18500000		1	1%
19000000		1	1%
20000000		1	1%
23000000		1	1%
30285757		1	1%
31127923		1	1%
51800000		1	1%
52052305		1	1%
64000000		1	1%
80000000		1	1%
90185086		1	1%
96984843		1	1%
150000000		1	1%
150514810		1	1%
213650000		1	1%
214192788		1	1%
310390000		1	1%
324259013		1	1%
357685000		1	1%
380000000		1	1%
420000000		1	1%
640200092		1	1%
904905000		1	1%
1850000000		1	1%
Sysmiss		254	

N2A1: Total Labor Cost (Incl. Wages, Salaries, Bonuses, Etc) 2 fiscal years ago

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 120 Invalid: 234 Minimum: -9 Maximum: 2291747192
 Type: Discrete Decimal: 0 Width: 10 Range: -9 - 2291747192 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	8	100%
Sysmiss		234	

N2E1: Total Cost of Raw Materials And Intermediate Goods Used In Production

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 120 Invalid: 234 Minimum: -9 Maximum: 9102291495
 Type: Discrete Decimal: 0 Width: 10 Range: -9 - 9102291495 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	23	19.2%
-7	Does not apply	0	0%
0		5	4.2%
7500		1	0.8%
60000		1	0.8%
250000		1	0.8%
286193		1	0.8%
300000		1	0.8%
400000		1	0.8%
424904		1	0.8%
500000		1	0.8%
986432		1	0.8%
1892000		1	0.8%
1968104		1	0.8%
2965714		1	0.8%
3051622		1	0.8%
3264149		1	0.8%
3287836		1	0.8%
3500000		1	0.8%
3608866		1	0.8%
4000000		2	1.7%

4300000		1	0.8%
4683143		1	0.8%
4937111		1	0.8%
6000000		1	0.8%
7163000		1	0.8%
8000000		1	0.8%
8282000		1	0.8%
9000000		2	1.7%
9952000		1	0.8%
10000000		1	0.8%
10722000		1	0.8%
12000000		1	0.8%
16000000		1	0.8%
16109920		1	0.8%
18000000		2	1.7%
19000000		1	0.8%
23880000		1	0.8%
24500000		1	0.8%
27000000		1	0.8%
28883000		1	0.8%
29000000		1	0.8%
29250494		1	0.8%
29263124		1	0.8%
30000000		2	1.7%
30530266		1	0.8%
34000000		1	0.8%
34158249		1	0.8%
40000000		1	0.8%
42000000		1	0.8%
53484175		1	0.8%
83063000		1	0.8%
90000000		1	0.8%
100000000		1	0.8%
112045000		1	0.8%
114598000		1	0.8%
122478175		1	0.8%
128688825		1	0.8%
135874731		1	0.8%
137447000		1	0.8%

140251000		1	0.8%
145000000		1	0.8%
154000000		1	0.8%
160000000		1	0.8%
162000000		1	0.8%
173966802		1	0.8%
175928122		1	0.8%
180000000		1	0.8%
182715000		1	0.8%
204030400		1	0.8%
230000000		1	0.8%
234000000		1	0.8%
255660569		1	0.8%
298000000		1	0.8%
324000000		1	0.8%
344506000		1	0.8%
350053605		1	0.8%
354000000		1	0.8%
400000000		2	1.7%
549628251		1	0.8%
583780091		1	0.8%
592369187		1	0.8%
600673956		1	0.8%
681000000		1	0.8%
800000000		1	0.8%
817441839		1	0.8%
850000000		1	0.8%
1200000000		1	0.8%
2065465540		1	0.8%
9102291495		1	0.8%
Sysmiss		234	

N7A: Cost For Establishment To Re-Purchase All of Its Machinery

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 120 Invalid: 234 Minimum: -9 Maximum: 9000000000
 Type: Discrete Decimal: 0 Width: 10 Range: -9 - 9000000000 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	57	47.5%
0		2	1.7%
500000		1	0.8%
1000000		1	0.8%
1113257		1	0.8%
1200000		1	0.8%
1800000		1	0.8%
2460000		1	0.8%
2525758		1	0.8%
3000000		1	0.8%
3075989		1	0.8%
4000000		3	2.5%
4500000		1	0.8%
5000000		1	0.8%
6000000		1	0.8%
6600000		1	0.8%
6607000		1	0.8%
8130000		1	0.8%
10000000		3	2.5%
12000000		3	2.5%
15000000		2	1.7%
15128000		1	0.8%
17466000		1	0.8%
18000000		1	0.8%
30000000		3	2.5%
30900000		1	0.8%
40000000		3	2.5%
44574282		1	0.8%
50000000		1	0.8%
60000000		1	0.8%
65000000		1	0.8%
68000000		1	0.8%
80000000		1	0.8%
100000000		1	0.8%
100613030		1	0.8%

130000000		1	0.8%
155000000		1	0.8%
186000000		1	0.8%
210000000		1	0.8%
217025837		1	0.8%
222000000		1	0.8%
250000000		1	0.8%
283360000		1	0.8%
370000000		1	0.8%
400000000		1	0.8%
465454174		1	0.8%
500000000		1	0.8%
1000000000		1	0.8%
1416249596		1	0.8%
1741563488		1	0.8%
2460000000		1	0.8%
9000000000		1	0.8%
Sysmiss		234	

N11: Effective income-based tax rate

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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)	61	17.2%
-8	Refusal (spontaneous)	5	1.4%
0		3	0.8%
1		15	4.2%
2		9	2.5%
3		4	1.1%
4		2	0.6%
5		10	2.8%
6		3	0.8%

7		2	0.6%
8		4	1.1%
9		5	1.4%
10		151	42.7%
11		21	5.9%
12		11	3.1%
13		3	0.8%
14		1	0.3%
15		5	1.4%
16		1	0.3%
17		1	0.3%
18		23	6.5%
20		5	1.4%
21		1	0.3%
22		1	0.3%
25		1	0.3%
26		1	0.3%
30		1	0.3%
45		1	0.3%
50		1	0.3%
58		1	0.3%
100		1	0.3%

N12: Effective consumption tax rate

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 Invalid: Minimum: -9 Maximum: 27

Type: Discrete Decimal: 0 Width: 2 Range: -9 - 27 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	85	24%
-8	Refusal (spontaneous)	8	2.3%
0		8	2.3%
1		17	4.8%
2		8	2.3%

3		4	1.1%
4		2	0.6%
5		30	8.5%
6		1	0.3%
7		3	0.8%
8		7	2%
9		3	0.8%
10		9	2.5%
11		6	1.7%
12		11	3.1%
13		4	1.1%
14		2	0.6%
15		15	4.2%
16		3	0.8%
17		6	1.7%
18		118	33.3%
20		1	0.3%
22		1	0.3%
27		2	0.6%

A15D: Day

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 Invalid: Minimum: 1 Maximum: 31
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 31 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		9	2.5%
3		6	1.7%
4		7	2%
5		15	4.2%
6		17	4.8%
7		9	2.5%
8		13	3.7%
9		8	2.3%

10		13	3.7%
11		16	4.5%
12		8	2.3%
13		13	3.7%
14		17	4.8%
15		11	3.1%
16		9	2.5%
17		8	2.3%
18		16	4.5%
19		13	3.7%
20		11	3.1%
21		15	4.2%
22		10	2.8%
23		10	2.8%
24		12	3.4%
25		12	3.4%
26		17	4.8%
27		14	4%
28		14	4%
29		12	3.4%
30		7	2%
31		12	3.4%

A15M: Month

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 Invalid: Minimum: 4 Maximum: 12

Type: Discrete Decimal: 0 Width: 2 Range: 4 - 12 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
4		6	1.7%
5		28	7.9%
6		82	23.2%
7		113	31.9%
8		71	20.1%

9		27	7.6%
10		11	3.1%
11		6	1.7%
12		10	2.8%

A15Y: Year

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 Invalid: Minimum: 2023 Maximum: 2023
 Type: Discrete Decimal: 0 Width: 4 Range: 2023 - 2023 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
2023		354	100%

A15H: Hour

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 Invalid: Minimum: 2 Maximum: 23
 Type: Discrete Decimal: 0 Width: 2 Range: 2 - 23 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
2		1	0.3%
8		2	0.6%
9		15	4.2%
10		57	16.1%
11		73	20.6%
12		54	15.3%
13		59	16.7%
14		31	8.8%
15		30	8.5%
16		13	3.7%
17		9	2.5%

18		1	0.3%
19		2	0.6%
20		2	0.6%
21		2	0.6%
22		1	0.3%
23		2	0.6%

A15MIN: Minutes

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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	294	83.1%
2	Somewhat truthful	60	16.9%
3	Not truthful	0	0%

A17: Responses To The Questions About Figures Areâ€

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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	208	58.8%
2	Are estimates computed with some precision	119	33.6%
3	Are arbitrary and unreliable numbers	10	2.8%
4	Are in some case taken from books and in some case estimates	17	4.8%

A18: This Questionnaire Was Completed In:

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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	300	84.7%
2	One visit in face-to-face interview with different managers/staff	21	5.9%
3	Several visits	33	9.3%

A19H: If Option 2 or 3 In A.18, Estimate Duration of The Whole Interview: Hours

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 54 Invalid: 300 Minimum: 0 Maximum: 3
Type: Discrete Decimal: 0 Width: 1 Range: 0 - 3 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		3	5.6%
1		40	74.1%
2		9	16.7%
3		2	3.7%
Sysmiss		300	

A19M: If Option 2 or 3 In A.18, Estimate Duration of The Whole Interview: Minutes

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 54 Invalid: 300 Minimum: 0 Maximum: 59
 Type: Discrete Decimal: 0 Width: 2 Range: 0 - 59 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		15	27.8%
1		7	13%
5		3	5.6%
10		5	9.3%
15		3	5.6%
20		3	5.6%
30		7	13%
38		1	1.9%
40		5	9.3%
45		2	3.7%
50		2	3.7%
59		1	1.9%
Sysmiss		300	

A13: Supervisor Number

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 Invalid: Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		247	69.8%
2		107	30.2%

A3B: official Capital City?

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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	73	20.6%
2	No	281	79.4%

A3C: Main Business City?

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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	73	20.6%
2	No	281	79.4%

A3: Size of Locality

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 Invalid: Minimum: 4 Maximum: 5
 Type: Discrete Decimal: 0 Width: 1 Range: 4 - 5 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
2	City with population over 1 million	0	0%
3	Over 250.000 to 1 million	0	0%
4	50.000 to 250.000	213	60.2%
5	Less than 50.000	141	39.8%

D1A2_V4: Main Product/Service ISIC (Rev. 4) Code**Data file:** North-Macedonia-2023-full-data.dta**Overview**

Valid: 354 Invalid: Minimum: 1010 Maximum: 9512
 Type: Continuous Decimal: 0 Width: 4 Range: 1010 - 9512 Format: Numeric

STRATIFICATIONREGIONCODE: stratification region code**Data file:** North-Macedonia-2023-full-data.dta**Overview**

Valid: 354 Invalid: Minimum: 1 Maximum: 3
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 3 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Skopje	111	31.4%
2	Eastern Macedonia	121	34.2%
3	Western Macedonia	122	34.5%

STRATIFICATIONSIZECODE: stratification size code**Data file:** North-Macedonia-2023-full-data.dta**Overview**

Valid: 354 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)	130	36.7%
2	Medium (20-99)	124	35%
3	Large (100 or more)	100	28.2%

STRATIFICATIONSECTORCODE: stratification sector code**Data file:** North-Macedonia-2023-full-data.dta

Overview

Valid: 354 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	120	33.9%
2	Retail	112	31.6%
3	Other Services	122	34.5%

STRATIFICATIONPANELCODE: panel code

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 Invalid: Minimum: 0 Maximum: 1
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	Fresh	198	55.9%
1	Panel	156	44.1%

WSTRICT: Weight according to strict eligibility

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 Invalid: Minimum: 1 Maximum: 53.9541282653809
 Type: Continuous Decimal: 2 Width: 5 Range: 1 - 53.9541282653809 Format: Numeric

WMEDIAN: Weight according to median eligibility

Data file: North-Macedonia-2023-full-data.dta

Overview

Valid: 354 Invalid: Minimum: 1 Maximum: 61.2294158935547
 Type: Continuous Decimal: 2 Width: 5 Range: 1 - 61.2294158935547 Format: Numeric

WWEAK: Weight according to weak eligibility**Data file: North-Macedonia-2023-full-data.dta****Overview**

Valid: 354 Invalid: Minimum: 1 Maximum: 113.178771972656
Type: Continuous Decimal: 2 Width: 6 Range: 1 - 113.178771972656 Format: Numeric

STRATA: see notes**Data file: North-Macedonia-2023-full-data.dta****Overview**

Valid: 354 Invalid: Minimum: 1 Maximum: 53
Type: Continuous Decimal: 0 Width: 2 Range: 1 - 53 Format: Numeric

study_resources

questionnaires

North Macedonia World Bank Enterprise Survey 2023, Questionnaire

title North Macedonia World Bank Enterprise Survey 2023, Questionnaire
 authors The World Bank Group
 country North Macedonia
 language English
 filename ES_B-READY_2023_Questionnaire.pdf

technical_documents

The North Macedonia 2023 World Bank Enterprise Survey, Implementation Report

title The North Macedonia 2023 World Bank Enterprise Survey, Implementation Report
 authors The World Bank Group
 country North Macedonia
 language English
 filename North_Macedonia_2023_ES_Implementation_Report.pdf

North Macedonia 2023 World Bank Enterprise Survey, Implementation Report Tables

title North Macedonia 2023 World Bank Enterprise Survey, Implementation Report Tables
 authors The World Bank Group
 country North Macedonia
 language English
 filename North_Macedonia_2023_ES_Implementation_Report_Tables.xlsx
