

Sri Lanka - Annual Survey of Industries - 1998

Department of Census and Statistics

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Identification

SURVEY ID NUMBER

LKA-DCS-ASI-1998-v1.0

TITLE

Annual Survey of Industries - 1998

COUNTRY

Name	Country code
Sri Lanka	LKA

STUDY TYPE

Enterprise Survey [en/oth]

SERIES INFORMATION

The Department of Census and Statistics started to conduct its series of Annual Survey of Manufacturing Industries (ASMI) in 1979 with reference year as the previous year 1978. The frame of this survey was restricted to manufacturing establishments registered with the Ministry of Industries and the State owned industrial establishments.(i.e. Public Corporations, Departmental undertakings, Govt. owned Business undertakings). The last survey of this series was carried out in 1982. After the Census of Industry conducted in 1983, the ASMI was replaced by the Annual Survey of Industries (ASI). The frame of the new series was the register of industrial establishments which was a by-product of Census of Industry - 1983

This survey is the 14th of the ASI series, conducted in 1998 and the reference period is 1997. The report contains the important industrial indicators relevant to the whole frame (all establishments with 5 or more workers). The sample data are inflated and the non response is adjusted.

ABSTRACT

The Department of Census and Statistics continues to conduct the Annual Survey of Industries which commenced in 1984, replacing the Annual Survey of Manufacturing Industries and covers all activities categorized under the three industrial divisions, namely : Mining & Quarrying, Manufacturing and Distribution of Electricity, Gas and Water.

This survey helps to derive estimates for important industrial indicators in respect of all the industrial establishments that have been included in the register of industrial establishments for the year 1998.

Information had to be adjusted for non-responding establishments and the sample data inflated.

The Objectives of the Annual Survey of Industries are:

1. To provide indicators of the performance and the structure of the industrial sector.
2. To update the list of industrial establishments already available.

KIND OF DATA

Sample survey data [ssd]

UNIT OF ANALYSIS

Industrial establishments

Statistical unit of ASI is the establishment which is defined as a unit engaged in the single or related activities of Mining and Quarrying, Manufacturing and Generation and Distribution of Electricity, Gas and Water in one location under a single ownership or control. However, industrial enterprises which are engaged in production of more than one related activity in one location or one activity in several locations were treated as one unit of enumeration whenever no separate records are available. Any way in the analysis, the ideal definition of the establishment was followed. The information collected of enterprise level was disaggregated into establishment level using the proportion of output. Ancillary units such as warehouses, garages, etc were treated as part of the main establishments.

Version

VERSION DESCRIPTION

Version v1.0 (May 2008) - : Full edited dataset, for internal DPD use.

VERSION DATE

2008-05-29

Scope

NOTES

The scope of the ASI covers all the activities categorized under three industry divisions namely,

Mining and Quarrying,
Manufacturing and
Generation and Distribution of Electricity, Gas and Water

of the International Standard Industrial classification Revision 2 (ISIC) of the United Nations. All private sector establishments with 5 or more persons engaged, state owned industries and industries coming within the purview of Board of Investment have been covered in this survey. However, due to financial limitations and the none availability of a proper frame, the establishments with less than 5 persons engaged were not covered.

TOPICS

Topic	Vocabulary	URI
ECONOMICS [1]	CESSDA	Link
TRADE, INDUSTRY AND MARKETS [2]	CESSDA	Link

Coverage

GEOGRAPHIC COVERAGE

National coverage

UNIVERSE

All industrial establishments where five or more persons are engaged.

Producers and sponsors

PRIMARY INVESTIGATORS

Name	Affiliation
Department of Census and Statistics	Ministry of Finance and Planning

FUNDING AGENCY/SPONSOR

Name	Abbreviation	Role
Department of Census and Statistics	DCS	Source of funds

Sampling

SAMPLING PROCEDURE

Sampling Procedure

ASI is predominantly a postal survey . But Statistical Officers are send to the non responding establishments to get the questionnaires completed.

All industrial establishments with 5 or more persons engaged is the target population of ASI. The list of industries with 5 or more persons as in the Census of Industry - 1983 was the frame (sample population) of ASI.

The whole frame was divided into two sectors as establishments with 25 or more persons engaged and establishments with 5-24 persons engaged. All establishments in the 25 or more sector (census part) and probability sample of 5 to 24 sector (survey part) were canvassed. The census part of the frame updated from time to time and the survey part remained unchanged.

The survey part was further stratified according to the geographical locations, industrial activity and size. Geographical strata were 24 administrative districts. Industrial activities were defined as the industry group levels (4 digit level of ISIC). The persons engaged size classes which were defined as 5-9, 10-14 and 15-24 persons engaged, were used as the size strata.

There were approximately 2500 establishments in the census part and approximately another 2500 were selected for the sample out of about 12000 industries. Higher probabilities were given to select rare industries. The sample was selected systematically within the strata.

The estimated value of a variable was given by (pl see the report Sample design section)

$$Y(\text{hat}) = (\text{Sigma } i=1 \text{ to } 24[\text{Sigma } j=1 \text{ to } 84[\text{Sigma } k=1 \text{ to } 3 N_{ijk} Y_{ijk}]$$

n_{ijk}

Where N = total no of units in the population

n = number of units responded

k = size class of persons engaged

j = industry group of ISIC

i = District

RESPONSE RATE

Non response adjustments

It was tried to collect information from all the establishments with over 500 million rupees output. The non responses of the sample were automatically imputed when applying weights. The other establishments were imputed using previous year's information whenever available or, otherwise using either the district or province averages of the category to which the establishments belongs.

Data Collection

DATES OF DATA COLLECTION

Start	End	Cycle
1997-01-01	1997-12-31	Where financial records were kept for calander year
1997-04-01	1998-03-31	Where financial rtecords were kept for the financial year

DATA COLLECTION MODE

Mail Questionnaire [mail]

SUPERVISION

The questionnaires and instruction manual along with covering letter were posted to each establishments. However, the most instances, the statistical officers (SO) of the department compel to visit the non responding establishments quite a number of times to get the questionnaire completed. The collection of accurate data from industrial establishment is very tedious and time consuming. Sometimes officers had to visit them several times in order to get a good response.

DATA COLLECTION NOTES

The questionnaires and instruction manual along with covering letter were posted to each establishment. However, in most instances, the statistical officers (SO) of the department compel to visit the non responding establishments

quite a number of times to get the questionnaire completed. The collection of accurate data from industrial establishment is very tedious and time consuming. Sometimes officers had to visit them several times in order to get a good response.

Reference period of the survey was the calendar year (i.e. 1st of January to 31st of December). But in some cases establishments keep records not for the calendar year but for the financial year. (1st of April of current year to 31st of March the following year) In those situations, financial year data were accepted when there was no significant difference between the two 1st quarters of both years. Otherwise estimates for the calendar year were accepted.

DATA COLLECTORS

Name	Abbreviation	Affiliation
Department of Census and Statistics	DCS	Ministry of Finance and Planning

Questionnaires

QUESTIONNAIRES

There were 18 questions in the questionnaire. The first 12 questions were on identification information. Questions 13-16 were on inputs and output and question number 17 and 18 were about the investment and labor of the establishments.

The value of goods moved out, receipt of industrial services done for others and opening and closing stocks of output were collected to compile the gross output.

Inputs were the addition of value of raw materials consumed of the year 1997. (i.e. Cost of raw materials adjusted for stocks) and the consumption of electricity, fuel and water. Book value at the beginning of the year, gross additions during the year, and Depreciation were canvassed under the four components of fixed assets namely, Land, Building and Other Constructions, Machinery and Other Equipment and Transport Equipment.

The information on employment and earnings, was collected under two sub categories National and Non-Nationals. The number of male and female national persons engaged were collected separately, but salaries were canvassed only for the total number of employees. In addition to the above non-national employees and their salaries also were canvassed.

Further information extracted from the report : -

Output

Information on output has been collected on shipment basis. The variables canvassed were the value of products moved out from the establishment, value of stocks of finished goods and receipts from industrial services rendered to others.

a. Value of products moved out

- i. Value of products made by the establishment using its own raw materials.
- ii. Products made by another establishment using material inputs owned by the establishment, have been considered, as the products made by the establishment and the following three situations have been considered as the moving out.
 - i. sending to another establishment or a person
 - ii. sending to another branch of the same enterprise
 - iii. sending abroad

These products were valued at the price at which the producer disposes of his goods to the customer (i.e. producer's price). All duties and taxes which fell on the products when they leave the establishment are included and subsidies recovered are excluded. Price rebates, discounts and allowances on returned goods allowed to the customer have been deducted and any transport charges which may be invoiced to the purchaser or user have been excluded. Products released to other establishments of the same enterprise have been treated as though sold and valued at producer's prices.

b. Stocks of finished goods

The values of stocks of finished goods at the beginning and at the end of the year 1997 have been collected. This consists of all finished goods made by the establishment using their own raw materials and manufactured by another establishment using raw materials owned by this establishment and ready for release. Finished goods held by the establishment which were made from materials owned by others have been excluded. Valuation is in producer's prices.

c. Receipts from Industrial Services

The total value of receipts from

- i. Contract and Commission work done for others on materials owned by them,
- ii. Repairs and installation work done for others,
- iii. Sales of scraps and refuses,
- iv. Own account investment work, have been included here.

d. Value of output

The value of output was obtained from the value of shipments and other receipts of Industrial Services adjusted for changes in the values of stocks of finished goods during the reference period. Value of Output = (Value of products moved out) +

(Closing stocks of finished goods) - (Opening stocks of finished goods) + (Receipts from Industrial Services)

Inputs

Information on inputs has been collected covering the costs of

- a. Raw materials, parts and components and packing materials (Imported and Indigenous) consumed,
- b. Industrial services done by others for the establishment,
- c. Fuel, Electricity & Water consumed.

a. Cost of raw materials, parts and components and packing materials

i. Cost of raw materials, packing materials purchased

All material inputs (Raw materials, parts, components containers and supplies) purchased by the establishment for the production process either in this establishment or in another establishment have been included. All materials have been valued at purchaser's prices. ie. The delivered value at the establishment, including the purchase price transport charges, cost of insurance, all taxes and duties on the goods. Discounts or rebates allowed to the purchaser and the value of packing materials returned to the supplier have been deducted. The value of materials owned by others and received by the establishment for production process have been excluded and material inputs received by the establishment from other establishments of the same enterprise (not purchased) for processing have been valued as if purchased.

ii. Values of stocks of raw materials and packing materials etc. The opening and closing stocks of all input materials (imported and indigenous) including packing materials which are purchased (or treated as purchased) have been included. The valuation was at purchaser's prices. The stocks of raw material used for own account work for producing own fixed assets have been excluded.

b. Cost of industrial services done by others

The total cost of

- i. Contract and commission work done by others on materials supplied by the establishments and
 - ii. Repairs and maintenance services provided by others.
- are included.

c. Fuel, electricity and water consumed

The total of the values of Fuel (LP Gas, Coal and Charcoal, Petrol, Diesel Oil, Furnace Oil, Kerosene Oil, Firewood and others) Electricity and Water consumed has been included.

Raw Materials Consumed

Raw materials consumed (i.e. actually used) has been computed by adjusting stocks of raw materials to the total value of raw materials (imported and indigenous) and packing materials purchased. Raw materials and packing materials consumed; = (Raw materials and packing materials purchased (Imported + Indigenous)) +(Opening stocks of materials) - (Closing stocks of materials)

Value of Inputs

The total value of raw materials consumed, cost of industrial services done by others and Fuel, Electricity and Water consumed have been defined as the value of Inputs.

Value Added

Value added has been defined as the difference of the value of output and value of inputs i.e. value of Output - value of Inputs.

Fixed Capital Assets

The book value at the beginning of the year, value of gross additions during the year and depreciation of all assets with productive life of one year or more, owned by the establishment (i.e. Land, Buildings, Other Constructions and Land Improvements, Machinery and Other equipment, Transport equipment) have been collected. Leased or rented assets have

not been included.

a. Book value at the beginning of the year

This refers to the original cost price of the item less its depreciation, less assets retired and sold up to the beginning of the year.

b. Gross additions to fixed assets during the year

This is defined as the total of the costs of new and second hand fixed assets acquired during the year and alterations, renovations and improvements purchased, cost of own account work less the value of sales of used fixed assets. Valuation of fixed assets acquired from others was to be at the delivered price plus cost of installation and any necessary fees and taxes. Valuation of fixed assets produced own account had to be valued with imputation for own labour and materials used and an allocation for over head costs. Value of sales of used assets were to be at actual amounts realised.

Employment and Earnings

The information obtained on employment related to the number of persons engaged in the establishment.

a. Number of persons engaged

This is defined as the total number of persons who work in or for the establishment, including working proprietors, active partners, unpaid family workers, operatives and all other employees.

b. Working proprietors and active partners

All individual proprietors and partners who are actively engaged in the work of the establishment have been included here.

c. Unpaid family workers

All persons living in the household of the owners and working in the establishment, without a regular pay, for at least one third of the normal working time of the establishment and non household members who do work without pay were included.

d. Operatives

All paid employees who were directly engaged in the production or related activities of the establishment including any clerical or working supervisory personnel whose function was to record or expedite any step in the production process have been considered as operatives.

e. Other Employees

All paid employees excluding those covered as operatives are reported here, eg. Managers, Directors, Laboratory and research workers, clerks, typists etc.

f. Wages and Salaries

All payments whether in cash or in kind made by the employers during the year 1997 in connection with the work done to all "employees" had been included here.

i.e.

i. All regular and overtime cash payments houses and cost of living allowances.

ii. Wages and salaries paid during vacation sick leaves

iii. Taxes and social insurance contribution

iv. Payments in kind.

Access policy

CONTACTS

Name	Affiliation	Email	URL
Information Unit	Department of Census and Statistics	information@statistics.gov.lk	Link
Industrial & Construction Division	Department of Census and Statistics	industries@statistics.gov.lk	Link

CONFIDENTIALITY

Under the Statistical ordinance, micro data cannot be released with identifications for public use. Procedures are in place to ensure that information relating to any particular individual person, household or undertaking will be kept strictly confidential and will not be divulged to external parties. Information on individual or individual Household/establishment will not be divulged or published in such a form that will facilitate the identification of any particular person or establishment as the data have been collected under the Census/Statistical ordinance, according to which the information at individual level cannot be divulged and such information is strictly confidential.

ACCESS CONDITIONS

The dataset has been anonymized and is available as a Public Use Dataset. It is accessible to all for statistical and research purposes only, under the following terms and conditions:

1. The data and other materials will not be redistributed or sold to other individuals, institutions, or organizations without the written agreement.
2. The data will be used for statistical and scientific research purposes only. They will be used solely for reporting of aggregated information, and not for investigation of specific individuals or organizations.
3. No attempt will be made to re-identify respondents, and no use will be made of the identity of any person or establishment discovered inadvertently.
4. No attempt will be made to produce links among datasets provided by the Department or among data from the Department and other datasets that could identify individuals or organizations.
5. Any books, articles, conference papers, theses, dissertations, reports, or other publications that employ data obtained from the Department will cite the source of data in accordance with the Citation Requirement provided with each dataset.
6. An electronic copy of all reports and publications based on the requested data will be sent to the Department

The following rules apply to micro data released by the Department of Census and Statistics.

- Only the requests of Government Institutions, Recognized Universities, Students, and selected international agencies are entertained. However, the Data users are required to strictly adhere to the terms stipulated in the agreement form.
- All the data requests should be made to Director General (DG) of the DCS as the sole authority of releasing data is vested with the DG of the DCS. The DCS of Sri Lanka reserves sole right to approve or reject any data request made depending on the confidential nature of the data set and intended purpose of the study or analysis.
- Requests for micro data should be made through the agreement form designed by DCS for this purpose (Form D.R.1). The agreement form should be filled in triplicate and the Study/project proposal should accompany the filled agreement form. If requests are made for the micro data of more than one survey, a separate agreement should be signed.
- If the data request is from a student a letter from the respective Dept. Head/Dean/Supervisor, recommending the issue of data, should also be accompanied.
- If the request is approved only 25% of the data file is released at the first stage. The release of the total data file is considered only after reviewing the draft report prepared on the basis of the 25% sample data file.
- The released Data file should be used only for the specific study/Analysis mentioned in the agreement form and shall not be used for any other purpose without the prior approval of the Director General of the DCS. Moreover, Copies of the micro-data file, obtained from the DCS, shall not be given to anyone else without the prior written approval of the Director General of the DCS.
- The draft report of the Study/Analysis should be submitted to the DCS and the concurrence of the DG of the DCS, should be obtained before publishing it. Once published, a copy of the final report should be submitted to the DCS.

[Department : The Department of Census and Statistics (DCS)]

Source : http://www.statistics.gov.lk/databases/data%20dissemination/DataDissaPolicy_

CITATION REQUIREMENTS

Department of Census and Statistics, Annual Survey of Industries 1998 [ASI 1988], Version 1.0 of the public use dataset May, 2008, provided by the National Data Archive, Data Processing Division, www.statistics.gov.lk

ACCESS AUTHORITY

Name	Affiliation	Email	URL
Director General	Department of Census and Statistics	dgcensus@slt.net.lk	Link

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Metadata production

DDI DOCUMENT ID

DDI-LKA-DCS-ASI-1998-v1.0

PRODUCERS

Name	Abbreviation	Affiliation	Role
Department of Census and Statistics	DCS	Ministry of Finance and Planning	Documentation of the Study

DATE OF METADATA PRODUCTION

2008-05-28

DDI DOCUMENT VERSION

Version v1.0 (May 2008)

Data Dictionary

Data file	Cases	Variables
as984d	2973	94

Data file: as984d

Cases: 2973

Variables: 94

Variables

ID	Name	Label	Question
V298	serno	Reference No	
V299	sector	Province	
V300	I_s	Industry	
V301	district	District	
V302	industry	Persons Engaged Strata	
V303	shipment	Total Product value in Rs	
V304	opstofg	Opening Stock of finished Goods in Rs	
V305	clstofg	Closing Stock of Finished Goods in Rs	
V306	rawim	Value of Raw Materials Purchased (Imported)	
V307	rawl	Value of Raw Materials Purchased (Local)	
V308	opstrmi	Opening Stock of Raw Materials Imported	
V309	opstrml	Opening Stock of raw Materials Local	
V310	clstrmi	Closing Stock of raw Materials Imported	
V311	clstrml	Closing Stock of Raw Materials Local	
V312	indser	Receipts of Industrial Services rendered to others in Rs	
V313	cindser	Cost of Industrial Services done by others in Rs	
V314	fwood	Firewood Consumed in Rs	
V315	coal	Coal and Charcoal Consumed in Rs	
V316	petrol	Petrol Consumed in Rs	
V317	disel	Diesel Consumed in Rs	
V318	furnace	Furnace Oil Consumed in Rs	
V319	kero	Kerosene Oil Consumed in Rs	
V320	gas	LPG Consumed in Rs	
V321	electr	Electricity Consumed in Rs	
V322	water	Water Consumed in Rs	
V323	fother	Other Fuel Consumed in Rs	
V324	opfical	Book Value of Land Rs	
V325	opficab	Book Value of Building and Other Construction Rs	
V326	opficat	Book Value of Transport Equipment Rs	
V327	addfical	Gross Additions of Land Rs	
V328	addficab	Gross Additions of Building and Other Construction Rs Gross Additions of Building and Other Construction Rs	
V329	addficam	Gross Additions of Machinery and Other Equipment Rs	
V330	addficat	Gross Additions Transport Equipment Rs	
V331	opficam	Book Value of Machinery and Other Equipment Rs	
V332	depfical	Depreciation of Land Rs	
V333	depficab	Depreciation of Building and Other Construction Rs	
V334	depficam	Depreciation of Machinery and Other Equipment Rs	

ID	Name	Label	Question
V335	depfcat	Depreciation of Transport Equipment Rs	
V336	emp1a	Skilled Male No	
V337	emp1b	Skilled Female No	
V338	sal1	Skilled Male & Female Salaries Rs	
V339	emp2a	Unskilled Male No	
V340	emp2b	Unskilled Female No	
V341	sal2	Unskilled Male & Female Salaries Rs	
V342	emp3a	Administrative/Managerial Male No	
V343	emp3b	Administrative/Managerial Female No	
V344	sal3	Administrative/Managerial Male & Female Salaries Rs	
V345	emp4a	Technical/Supervisory Male No	
V346	emp4b	Technical/Supervisory Female No	
V347	sal4	Technical/Supervisory Male & Female Salaries Rs	
V348	emp5a	Clerical & Related Male No	
V349	emp5b	Clerical & Related Female No	
V350	sal5	Clerical & Related Male & Female Salaries Rs	
V351	emp6a	Other Male No	
V352	emp6b	Other Female No	
V353	sal6	Other Male & Female Salaries Rs	
V354	emp7a	Working Proprietors and Active Partners Male No	Working Proprietors and Active Partners Male No
V355	emp7b	Working Proprietors and Active Partners Female No	
V356	emp8a	Unpaid Family Workers Male No	
V357	emp8b	Unpaid Family Workers Female No	
V358	fper	Non-National Persons Engaged No	
V359	femp	Non-National Employees No	
V360	fsal	Non-Nationals salaries Rs	
V361	wei_83_8	Weighting Factor	
V362	opfca	Assets at begining of the year (Rs)	
V363	adfca	Gross additions to fixed assets (Rs)	
V364	defca	Depreciation of Fixed assets for the Year Rs	
V365	fuel	Total Fuel Consumed Rs	
V366	output	Value of output (Rs)	
V367	rawp	Raw materials consumed (Rs)	
V368	input	Value of input (Rs)	
V369	va	Value added (Rs)	
V370	empsal	Salaries & Wages (Rs)	
V371	fixend	Assets at the end of the year (Rs)	
V372	emp1	Operatives (No)	
V373	emp2	Other employees (No)	
V374	emp3	Working proprietors & Active partners (No)	
V375	emp4	Unpaid family workers (No)	
V376	sala	Salaries for Operatives Rs	
V377	salb	Salaries for Other Employees Rs	
V378	empa	Persons engaged male (No)	
V379	empb	Persons engaged female (No)	

ID	Name	Label	Question
V380	empc	Persons engaged (No)	
V381	empno	Employees (No)	
V382	isic4	Four Digit Level Industry	
V383	isic3	Three Digit Level industry	
V384	isic2	Two Digit Level industry	
V385	isic1	One digit Level Industry	
V386	dist		
V387	dis	District	
V388	province		
V389	prov1	Province	
V390	x	Total	
V391	y	No. of establishments (No)	

Total: 94

SERNO: Reference No**Data file: as984d****Overview**

Valid: 2973 Invalid: 0 Minimum: 10001000 Maximum: 249017000 Mean: 79940592.751 Standard deviation: 78507768.045

Type: Continuous Decimal: 0 Width: 9 Range: 10001000 - 249017000 Format: Numeric

SECTOR: Province**Data file: as984d****Overview**

Valid: 2973 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		1847	62.1%
1		4	0.1%
2		222	7.5%
3		322	10.8%
4		53	1.8%
5		16	0.5%
9		509	17.1%

L_S: Industry**Data file: as984d****Overview**

Valid: 2973 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
L		2181	73.4%
S		792	26.6%

DISTRICT: District**Data file: as984d****Overview**

Valid: 2973 Invalid: 0

Type: Discrete Decimal: 0 Width: 2 Range: 1 - 24 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		783	26.3%
2		443	14.9%
3		171	5.8%
4		205	6.9%
5		111	3.7%
6		148	5%
7		131	4.4%
8		109	3.7%
9		55	1.8%
10		1	0%
11		1	0%
14		1	0%
15		1	0%
16		2	0.1%
17		174	5.9%
18		195	6.6%
19		43	1.4%
20		32	1.1%
21		97	3.3%
22		23	0.8%
23		137	4.6%
24		110	3.7%

INDUSTRY: Persons Engaged Strata**Data file: as984d****Overview**

Valid: 2973 Invalid: 0 Minimum: 2901 Maximum: 4200 Mean: 3340.902 Standard deviation: 254.242

Type: Continuous Decimal: 0 Width: 4 Range: 2901 - 4200 Format: Numeric

SHIPMENT: Total Product value in Rs**Data file: as984d****Overview**

Valid: 2973 Invalid: 0 Minimum: 0 Maximum: 20721822000 Mean: 92165690.461 Standard deviation: 670893688.971
 Type: Continuous Decimal: 0 Width: 13 Range: 0 - 20721822000 Format: Numeric

OPSTOFG: Opening Stock of finished Goods in Rs**Data file: as984d****Overview**

Valid: 2973 Invalid: 0 Minimum: 0 Maximum: 1643858000 Mean: 3227040.986 Standard deviation: 35889247.237
 Type: Continuous Decimal: 0 Width: 13 Range: 0 - 1643858000 Format: Numeric

CLSTOFG: Closing Stock of Finished Goods in Rs**Data file: as984d****Overview**

Valid: 2973 Invalid: 0 Minimum: 0 Maximum: 1884029000 Mean: 3714622.264 Standard deviation: 39596316.289
 Type: Continuous Decimal: 0 Width: 13 Range: 0 - 1884029000 Format: Numeric

RAWIM: Value of Raw Materials Purchased (Imported)**Data file: as984d****Overview**

Valid: 2973 Invalid: 0 Minimum: 0 Maximum: 19629047000 Mean: 34704339.953 Standard deviation: 403634295.252
 Type: Continuous Decimal: 0 Width: 13 Range: 0 - 19629047000 Format: Numeric

RAWL: Value of Raw Materials Purchased (Local)**Data file: as984d****Overview**

Valid: 2973 Invalid: 0 Minimum: 0 Maximum: 1625365800 Mean: 12895928.226 Standard deviation: 52524935.215
 Type: Continuous Decimal: 0 Width: 13 Range: 0 - 1625365800 Format: Numeric

OPSTRMI: Opening Stock of Raw Materials Imported**Data file: as984d****Overview**

Valid: 2973 Invalid: 0 Minimum: 0 Maximum: 1432865000 Mean: 3787842.068 Standard deviation: 34482041.718
 Type: Continuous Decimal: 0 Width: 13 Range: 0 - 1432865000 Format: Numeric

OPSTRML: Opening Stock of raw Materials Local**Data file: as984d****Overview**

Valid: 2973 Invalid: 0 Minimum: 0 Maximum: 485500000 Mean: 1176754.694 Standard deviation: 10960391.711
 Type: Continuous Decimal: 0 Width: 13 Range: 0 - 485500000 Format: Numeric

CLSTRMI: Closing Stock of raw Materials Imported**Data file: as984d****Overview**

Valid: 2973 Invalid: 0 Minimum: 0 Maximum: 1319073000 Mean: 4247907.319 Standard deviation: 37479891.189
 Type: Continuous Decimal: 0 Width: 13 Range: 0 - 1319073000 Format: Numeric

CLSTRML: Closing Stock of Raw Materials Local**Data file: as984d****Overview**

Valid: 2973 Invalid: 0 Minimum: 0 Maximum: 586700000 Mean: 1335660.398 Standard deviation: 13117765.19
 Type: Continuous Decimal: 0 Width: 13 Range: 0 - 586700000 Format: Numeric

INDSER: Receipts of Industrial Services rendered to others in Rs**Data file: as984d****Overview**

Valid: 2973 Invalid: 0 Minimum: 0 Maximum: 1632036000 Mean: 2644965.175 Standard deviation: 40242566.328
 Type: Continuous Decimal: 0 Width: 13 Range: 0 - 1632036000 Format: Numeric

CINDSER: Cost of Industrial Services done by others in Rs**Data file: as984d**

Overview

Valid: 2973 Invalid: 0 Minimum: 0 Maximum: 400800000 Mean: 820480.965 Standard deviation: 11264583.169
 Type: Continuous Decimal: 0 Width: 13 Range: 0 - 400800000 Format: Numeric

FWOOD: Firewood Consumed in Rs

Data file: as984d

Overview

Valid: 2973 Invalid: 0 Minimum: 0 Maximum: 8642675 Mean: 165255.864 Standard deviation: 527683.078
 Type: Continuous Decimal: 0 Width: 10 Range: 0 - 8642675 Format: Numeric

COAL: Coal and Charcoal Consumed in Rs

Data file: as984d

Overview

Valid: 2973 Invalid: 0 Minimum: 0 Maximum: 1617224 Mean: 2329.433 Standard deviation: 45794.507
 Type: Continuous Decimal: 0 Width: 10 Range: 0 - 1617224 Format: Numeric

PETROL: Petrol Consumed in Rs

Data file: as984d

Overview

Valid: 2973 Invalid: 0 Minimum: 0 Maximum: 36000000 Mean: 66353.419 Standard deviation: 907414.318
 Type: Continuous Decimal: 0 Width: 10 Range: 0 - 36000000 Format: Numeric

DISEL: Diesel Consumed in Rs

Data file: as984d

Overview

Valid: 2973 Invalid: 0 Minimum: 0 Maximum: 76417878 Mean: 324890.069 Standard deviation: 2374733.769
 Type: Continuous Decimal: 0 Width: 10 Range: 0 - 76417878 Format: Numeric

FURNACE: Furnace Oil Consumed in Rs

Data file: as984d

Overview

Valid: 2973 Invalid: 0 Minimum: 0 Maximum: 1770000000 Mean: 1025686.53 Standard deviation: 33291115.437
 Type: Continuous Decimal: 0 Width: 10 Range: 0 - 1770000000 Format: Numeric

KERO: Kerosene Oil Consumed in Rs**Data file: as984d****Overview**

Valid: 2973 Invalid: 0 Minimum: 0 Maximum: 3190370 Mean: 10097.628 Standard deviation: 124573.874
 Type: Continuous Decimal: 0 Width: 10 Range: 0 - 3190370 Format: Numeric

GAS: LPG Consumed in Rs**Data file: as984d****Overview**

Valid: 2973 Invalid: 0 Minimum: 0 Maximum: 25260522 Mean: 78074.378 Standard deviation: 986395.094
 Type: Continuous Decimal: 0 Width: 10 Range: 0 - 25260522 Format: Numeric

ELECTR: Electricity Consumed in Rs**Data file: as984d****Overview**

Valid: 2973 Invalid: 0 Minimum: 0 Maximum: 501735820 Mean: 1578442.298 Standard deviation: 12157854.956
 Type: Continuous Decimal: 0 Width: 10 Range: 0 - 501735820 Format: Numeric

WATER: Water Consumed in Rs**Data file: as984d****Overview**

Valid: 2973 Invalid: 0 Minimum: 0 Maximum: 22661018 Mean: 77915.083 Standard deviation: 662924.148
 Type: Continuous Decimal: 0 Width: 10 Range: 0 - 22661018 Format: Numeric

FOTHER: Other Fuel Consumed in Rs**Data file: as984d****Overview**

Valid: 2973 Invalid: 0 Minimum: 0 Maximum: 11220056 Mean: 37142.411 Standard deviation: 364968.587
 Type: Continuous Decimal: 0 Width: 10 Range: 0 - 11220056 Format: Numeric

OPFICAL: Book Value of Land Rs**Data file: as984d****Overview**

Valid: 2973 Invalid: 0 Minimum: 0 Maximum: 5272937000 Mean: 6150266.508 Standard deviation: 129827917.143
 Type: Continuous Decimal: 0 Width: 13 Range: 0 - 5272937000 Format: Numeric

OPFICAB: Book Value of Building and Other Construction Rs**Data file: as984d****Overview**

Valid: 2973 Invalid: 0 Minimum: 0 Maximum: 66298974000 Mean: 45283106.881 Standard deviation: 1470656894.42
 Type: Continuous Decimal: 0 Width: 13 Range: 0 - 66298974000 Format: Numeric

OPFICAT: Book Value of Transport Equipment Rs**Data file: as984d****Overview**

Valid: 2973 Invalid: 0 Minimum: 0 Maximum: 3335789000 Mean: 2486447.635 Standard deviation: 64091194.467
 Type: Continuous Decimal: 0 Width: 13 Range: 0 - 3335789000 Format: Numeric

ADDFICAL: Gross Additions of Land Rs**Data file: as984d****Overview**

Valid: 2973 Invalid: 0 Minimum: 0 Maximum: 78096028 Mean: 238034.635 Standard deviation: 2826692.162
 Type: Continuous Decimal: 0 Width: 13 Range: 0 - 78096028 Format: Numeric

ADDFICAB: Gross Additions of Building and Other Construction Rs Gross Additions of Building and Other Construction Rs**Data file: as984d****Overview**

Valid: 2973 Invalid: 0 Minimum: 0 Maximum: 2334131000 Mean: 1461767.772 Standard deviation: 43311780.231
 Type: Continuous Decimal: 0 Width: 13 Range: 0 - 2334131000 Format: Numeric

ADDFICAM: Gross Additions of Machinery and Other Equipment Rs**Data file: as984d****Overview**

Valid: 2973 Invalid: 0 Minimum: 0 Maximum: 13269965000 Mean: 7665717.584 Standard deviation: 249857236.958

Type: Continuous Decimal: 0 Width: 13 Range: 0 - 13269965000 Format: Numeric

ADDFICAT: Gross Additions Transport Equipment Rs**Data file: as984d****Overview**

Valid: 2973 Invalid: 0 Minimum: -407000 Maximum: 2924975000 Mean: 1507044.981 Standard deviation: 54849894.126

Type: Continuous Decimal: 0 Width: 13 Range: -407000 - 2924975000 Format: Numeric

OPFICAM: Book Value of Machinery and Other Equipment Rs**Data file: as984d****Overview**

Valid: 2973 Invalid: 0 Minimum: 0 Maximum: 86100426000 Mean: 50807793.114 Standard deviation: 1663792995.361

Type: Continuous Decimal: 0 Width: 13 Range: 0 - 86100426000 Format: Numeric

DEPFICAL: Depreciation of Land Rs**Data file: as984d****Overview**

Valid: 2973 Invalid: 0

Type: Discrete Decimal: 0 Width: 13 Range: 0 - 1352345 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		2924	98.4%
239		2	0.1%
500		1	0%
1000		23	0.8%
3112		1	0%
4789		3	0.1%
5000		1	0%

16453		1	0%
16846		5	0.2%
20779		1	0%
24504		4	0.1%
50000		1	0%
112000		1	0%
125000		1	0%
337279		1	0%
429113		1	0%
1198827		1	0%
1352345		1	0%

DEPFICAB: Depreciation of Building and Other Construction Rs

Data file: as984d

Overview

Valid: 2973 Invalid: 0 Minimum: 0 Maximum: 4672697000 Mean: 1878973.624 Standard deviation: 85739703.475

Type: Continuous Decimal: 0 Width: 13 Range: 0 - 4672697000 Format: Numeric

DEPFICAM: Depreciation of Machinery and Other Equipment Rs

Data file: as984d

Overview

Valid: 2973 Invalid: 0 Minimum: 0 Maximum: 34554888000 Mean: 13039903.379 Standard deviation: 633788319.591

Type: Continuous Decimal: 0 Width: 13 Range: 0 - 34554888000 Format: Numeric

DEPFICAT: Depreciation of Transport Equipment Rs

Data file: as984d

Overview

Valid: 2973 Invalid: 0 Minimum: 0 Maximum: 1705930000 Mean: 877787.843 Standard deviation: 31740803.028

Type: Continuous Decimal: 0 Width: 13 Range: 0 - 1705930000 Format: Numeric

EMP1A: Skilled Male No

Data file: as984d

Overview

Valid: 2973 Invalid: 0 Minimum: 0 Maximum: 3114 Mean: 24.935 Standard deviation: 123.938

Type: Continuous Decimal: 0 Width: 6 Range: 0 - 3114 Format: Numeric

EMP1B: Skilled Female No

Data file: as984d

Overview

Valid: 2973 Invalid: 0 Minimum: 0 Maximum: 2500 Mean: 44.005 Standard deviation: 155.241
 Type: Continuous Decimal: 0 Width: 6 Range: 0 - 2500 Format: Numeric

SAL1: Skilled Male & Female Salaries Rs

Data file: as984d

Overview

Valid: 2973 Invalid: 0 Minimum: 0 Maximum: 275299000 Mean: 3231871.631 Standard deviation: 12988454.477
 Type: Continuous Decimal: 0 Width: 11 Range: 0 - 275299000 Format: Numeric

EMP2A: Unskilled Male No

Data file: as984d

Overview

Valid: 2973 Invalid: 0 Minimum: 0 Maximum: 5800 Mean: 16.597 Standard deviation: 127.67
 Type: Continuous Decimal: 0 Width: 6 Range: 0 - 5800 Format: Numeric

EMP2B: Unskilled Female No

Data file: as984d

Overview

Valid: 2973 Invalid: 0 Minimum: 0 Maximum: 2910 Mean: 21.067 Standard deviation: 94.938
 Type: Continuous Decimal: 0 Width: 6 Range: 0 - 2910 Format: Numeric

SAL2: Unskilled Male & Female Salaries Rs

Data file: as984d

Overview

Valid: 2973 Invalid: 0 Minimum: 0 Maximum: 372925000 Mean: 1592679.875 Standard deviation: 10461122.294
 Type: Continuous Decimal: 0 Width: 11 Range: 0 - 372925000 Format: Numeric

EMP3A: Administrative/Managerial Male No**Data file:** as984d**Overview**

Valid: 2973 Invalid: 0 Minimum: 0 Maximum: 590 Mean: 3.288 Standard deviation: 16.546
 Type: Continuous Decimal: 0 Width: 6 Range: 0 - 590 Format: Numeric

EMP3B: Administrative/Managerial Female No**Data file:** as984d**Overview**

Valid: 2973 Invalid: 0 Minimum: 0 Maximum: 115 Mean: 0.715 Standard deviation: 3.696
 Type: Continuous Decimal: 0 Width: 6 Range: 0 - 115 Format: Numeric

SAL3: Administrative/Managerial Male & Female Salaries Rs**Data file:** as984d**Overview**

Valid: 2973 Invalid: 0 Minimum: 0 Maximum: 112920000 Mean: 803141.94 Standard deviation: 4778871.712
 Type: Continuous Decimal: 0 Width: 11 Range: 0 - 112920000 Format: Numeric

EMP4A: Technical/Supervisory Male No**Data file:** as984d**Overview**

Valid: 2973 Invalid: 0 Minimum: 0 Maximum: 1294 Mean: 5.259 Standard deviation: 34.589
 Type: Continuous Decimal: 0 Width: 6 Range: 0 - 1294 Format: Numeric

EMP4B: Technical/Supervisory Female No**Data file:** as984d**Overview**

Valid: 2973 Invalid: 0 Minimum: 0 Maximum: 434 Mean: 2.122 Standard deviation: 12.467
 Type: Continuous Decimal: 0 Width: 6 Range: 0 - 434 Format: Numeric

SAL4: Technical/Supervisory Male & Female Salaries Rs**Data file:** as984d**Overview**

Valid: 2973 Invalid: 0 Minimum: 0 Maximum: 115370000 Mean: 714989.114 Standard deviation: 4409807.785

Type: Continuous Decimal: 0 Width: 11 Range: 0 - 115370000 Format: Numeric

EMP5A: Clerical & Related Male No

Data file: as984d

Overview

Valid: 2973 Invalid: 0 Minimum: 0 Maximum: 994 Mean: 4.509 Standard deviation: 27.575
 Type: Continuous Decimal: 0 Width: 6 Range: 0 - 994 Format: Numeric

EMP5B: Clerical & Related Female No

Data file: as984d

Overview

Valid: 2973 Invalid: 0 Minimum: 0 Maximum: 970 Mean: 3.376 Standard deviation: 20.813
 Type: Continuous Decimal: 0 Width: 6 Range: 0 - 970 Format: Numeric

SAL5: Clerical & Related Male & Female Salaries Rs

Data file: as984d

Overview

Valid: 2973 Invalid: 0 Minimum: 0 Maximum: 164976000 Mean: 581989.321 Standard deviation: 4476710.895
 Type: Continuous Decimal: 0 Width: 12 Range: 0 - 164976000 Format: Numeric

EMP6A: Other Male No

Data file: as984d

Overview

Valid: 2973 Invalid: 0 Minimum: 0 Maximum: 1770 Mean: 3.901 Standard deviation: 35.642
 Type: Continuous Decimal: 0 Width: 6 Range: 0 - 1770 Format: Numeric

EMP6B: Other Female No

Data file: as984d

Overview

Valid: 2973 Invalid: 0 Minimum: 0 Maximum: 525 Mean: 2.224 Standard deviation: 16.715
 Type: Continuous Decimal: 0 Width: 6 Range: 0 - 525 Format: Numeric

SAL6: Other Male & Female Salaries Rs

Data file: as984d

Overview

Valid: 2973 Invalid: 0 Minimum: 0 Maximum: 78200325 Mean: 290276.156 Standard deviation: 2244093.384

Type: Continuous Decimal: 0 Width: 11 Range: 0 - 78200325 Format: Numeric

EMP7A: Working Proprietors and Active Partners Male No Working Proprietors and Active Partners Male No

Data file: as984d

Overview

Valid: 2973 Invalid: 0

Type: Discrete Decimal: 0 Width: 6 Range: 0 - 18 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		2034	68.4%
1		677	22.8%
2		158	5.3%
3		55	1.8%
4		23	0.8%
5		14	0.5%
6		3	0.1%
7		2	0.1%
8		2	0.1%
10		2	0.1%
12		2	0.1%
18		1	0%

EMP7B: Working Proprietors and Active Partners Female No

Data file: as984d

Overview

Valid: 2973 Invalid: 0

Type: Discrete Decimal: 0 Width: 6 Range: 0 - 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
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0		2725	91.7%
1		196	6.6%
2		32	1.1%
3		11	0.4%
4		3	0.1%
5		2	0.1%
6		1	0%
7		1	0%
8		1	0%
9		1	0%

EMP8A: Unpaid Family Workers Male No

Data file: as984d

Overview

Valid: 2973 Invalid: 0

Type: Discrete Decimal: 0 Width: 6 Range: 0 - 165 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		2636	88.7%
1		224	7.5%
2		76	2.6%
3		22	0.7%
4		7	0.2%
5		1	0%
6		2	0.1%
14		1	0%
16		1	0%
25		1	0%
30		1	0%
165		1	0%

EMP8B: Unpaid Family Workers Female No

Data file: as984d

Overview

Valid: 2973 Invalid: 0

Type: Discrete Decimal: 0 Width: 6 Range: 0 - 42 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		2781	93.5%
1		141	4.7%
2		35	1.2%
3		7	0.2%
4		3	0.1%
5		2	0.1%
8		2	0.1%
12		1	0%
42		1	0%

FPER: Non-National Persons Engaged No

Data file: as984d

Overview

Valid: 2973 Invalid: 0

Type: Discrete Decimal: 0 Width: 5 Range: 0 - 766 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		2823	95%
1		29	1%
2		23	0.8%
3		12	0.4%
4		30	1%
5		6	0.2%
6		1	0%
7		3	0.1%
8		2	0.1%
9		7	0.2%
11		3	0.1%

12		1	0%
15		23	0.8%
16		1	0%
21		1	0%
23		2	0.1%
31		1	0%
38		1	0%
68		1	0%
119		1	0%
168		1	0%
766		1	0%

FEMP: Non-National Employees No

Data file: as984d

Overview

Valid: 2973 Invalid: 0

Type: Discrete Decimal: 0 Width: 5 Range: 0 - 804 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		2850	95.9%
1		27	0.9%
2		9	0.3%
3		11	0.4%
4		28	0.9%
5		2	0.1%
6		1	0%
7		1	0%
8		2	0.1%
9		6	0.2%
11		3	0.1%
12		1	0%
15		23	0.8%
16		1	0%
27		1	0%
31		1	0%

33		1	0%
68		1	0%
113		1	0%
168		1	0%
383		1	0%
804		1	0%

FSAL: Non-Nationals salaries Rs

Data file: as984d

Overview

Valid: 2973 Invalid: 0 Minimum: 0 Maximum: 80919236 Mean: 202409.003 Standard deviation: 2335120.746

Type: Continuous Decimal: 0 Width: 11 Range: 0 - 80919236 Format: Numeric

WEI_83_8: Weighting Factor

Data file: as984d

Overview

Valid: 2973 Invalid: 0 Minimum: 0.333 Maximum: 846 Mean: 4.56 Standard deviation: 24.898

Type: Continuous Decimal: 4 Width: 8 Range: 0.3333 - 846 Format: Numeric

OPFICA: Assets at begining of the year (Rs)

Data file: as984d

Overview

Valid: 2973 Invalid: 0 Minimum: 0 Maximum: 161008126000 Mean: 104727614.138 Standard deviation: 3285994237.83

Type: Continuous Decimal: 2 Width: 8 Range: 0 - 161008126000 Format: Numeric

ADFICA: Gross additions to fixed assets (Rs)

Data file: as984d

Overview

Valid: 2973 Invalid: 0 Minimum: 0 Maximum: 16194940000 Mean: 10872564.972 Standard deviation: 316651356.436

Type: Continuous Decimal: 2 Width: 8 Range: 0 - 16194940000 Format: Numeric

DEFICA: Depreciation of Fixed assets for the Year Rs

Data file: as984d

Overview

Valid: 2973 Invalid: 0 Minimum: 0 Maximum: 40933515000 Mean: 15796664.846 Standard deviation: 750821040.624
 Type: Continuous Decimal: 2 Width: 8 Range: 0 - 40933515000 Format: Numeric

FUEL: Total Fuel Consumed Rs

Data file: as984d

Overview

Valid: 2973 Invalid: 0 Minimum: 0 Maximum: 1890508000 Mean: 3366187.114 Standard deviation: 39092321.991
 Type: Continuous Decimal: 2 Width: 8 Range: 0 - 1890508000 Format: Numeric

OUTPUT: Value of output (Rs)

Data file: as984d

Overview

Valid: 2973 Invalid: 0 Minimum: 350 Maximum: 20961993000 Mean: 95298236.914 Standard deviation: 675754725.72
 Type: Continuous Decimal: 2 Width: 8 Range: 350 - 20961993000 Format: Numeric

RAWP: Raw materials consumed (Rs)

Data file: as984d

Overview

Valid: 2973 Invalid: 0 Minimum: -14595878 Maximum: 19742839000 Mean: 46981297.224 Standard deviation: 412966775.931
 Type: Continuous Decimal: 2 Width: 8 Range: -14595878 - 19742839000 Format: Numeric

INPUT: Value of input (Rs)

Data file: as984d

Overview

Valid: 2973 Invalid: 0 Minimum: -14361378 Maximum: 19969297000 Mean: 51167965.302 Standard deviation: 423014328.606
 Type: Continuous Decimal: 2 Width: 8 Range: -14361378 - 19969297000 Format: Numeric

VA: Value added (Rs)

Data file: as984d

Overview

Valid: 2973 Invalid: 0 Minimum: -4316676 Maximum: 15634492000 Mean: 44130271.612 Standard deviation: 432454898.841

Type: Continuous Decimal: 2 Width: 8 Range: -4316676 - 15634492000 Format: Numeric

EMPSAL: Salaries & Wages (Rs)

Data file: as984d

Overview

Valid: 2973 Invalid: 0 Minimum: 0 Maximum: 1049915325 Mean: 7214948.037 Standard deviation: 32811799.945

Type: Continuous Decimal: 2 Width: 8 Range: 0 - 1049915325 Format: Numeric

FIXEND: Assets at the end of the year (Rs)

Data file: as984d

Overview

Valid: 2973 Invalid: 0 Minimum: -90000000 Maximum: 136269551000 Mean: 99803514.264 Standard deviation: 2901078650.257

Type: Continuous Decimal: 2 Width: 8 Range: -90000000 - 136269551000 Format: Numeric

EMP1: Operatives (No)

Data file: as984d

Overview

Valid: 2973 Invalid: 0 Minimum: 0 Maximum: 8934 Mean: 106.604 Standard deviation: 329.155

Type: Continuous Decimal: 2 Width: 8 Range: 0 - 8934 Format: Numeric

EMP2: Other employees (No)

Data file: as984d

Overview

Valid: 2973 Invalid: 0 Minimum: 0 Maximum: 5369 Mean: 25.395 Standard deviation: 126.864

Type: Continuous Decimal: 2 Width: 8 Range: 0 - 5369 Format: Numeric

EMP3: Working proprietors & Active partners (No)

Data file: as984d

Overview

Valid: 2973 Invalid: 0 Minimum: 0 Maximum: 19 Mean: 0.597 Standard deviation: 1.203

Type: Continuous Decimal: 2 Width: 8 Range: 0 - 19 Format: Numeric

EMP4: Unpaid family workers (No)**Data file:** as984d**Overview**

Valid: 2973 Invalid: 0 Minimum: 0 Maximum: 165 Mean: 0.357 Standard deviation: 3.461
 Type: Continuous Decimal: 2 Width: 8 Range: 0 - 165 Format: Numeric

SALA: Salaries for Operatives Rs**Data file:** as984d**Overview**

Valid: 2973 Invalid: 0 Minimum: 0 Maximum: 578449000 Mean: 4824551.506 Standard deviation: 20488985.378
 Type: Continuous Decimal: 2 Width: 8 Range: 0 - 578449000 Format: Numeric

SALB: Salaries for Other Employees Rs**Data file:** as984d**Overview**

Valid: 2973 Invalid: 0 Minimum: 0 Maximum: 471466325 Mean: 2390396.531 Standard deviation: 13677545.66
 Type: Continuous Decimal: 2 Width: 8 Range: 0 - 471466325 Format: Numeric

EMPA: Persons engaged male (No)**Data file:** as984d**Overview**

Valid: 2973 Invalid: 0 Minimum: 0 Maximum: 13243 Mean: 59.219 Standard deviation: 314.408
 Type: Continuous Decimal: 2 Width: 8 Range: 0 - 13243 Format: Numeric

EMPB: Persons engaged female (No)**Data file:** as984d**Overview**

Valid: 2973 Invalid: 0 Minimum: 0 Maximum: 3719 Mean: 73.734 Standard deviation: 235.761
 Type: Continuous Decimal: 2 Width: 8 Range: 0 - 3719 Format: Numeric

EMPC: Persons engaged (No)**Data file:** as984d**Overview**

Valid: 2973 Invalid: 0 Minimum: 0 Maximum: 14303 Mean: 132.953 Standard deviation: 430.148

Type: Continuous Decimal: 2 Width: 8 Range: 0 - 14303 Format: Numeric

EMPNO: Employees (No)

Data file: as984d

Overview

Valid: 2973 Invalid: 0 Minimum: 0 Maximum: 14303 Mean: 131.999 Standard deviation: 429.929
 Type: Continuous Decimal: 2 Width: 8 Range: 0 - 14303 Format: Numeric

ISIC4: Four Digit Level Industry

Data file: as984d

Overview

Valid: 2973 Invalid: 0 Minimum: 2901 Maximum: 4200
 Type: Continuous Decimal: 2 Width: 8 Range: 2901 - 4200 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
2901	2901 Stone, Clay, & Sand pits	43	1.4%
2902	2902 Chemical fertilizer & Mineral	2	0.1%
2903	2903 Salt	2	0.1%
2909	2909 Mining & Quarrying nec	25	0.8%
3111	3111 Slaughtering & Preserving meat	5	0.2%
3112	3112 Dairy products	23	0.8%
3113	3113 Canning Fruit & Vegetables	9	0.3%
3114	3114 Canning & Processing Fish	11	0.4%
3115	3115 Vegetable, Animal oils & Fats	27	0.9%
3116	3116 Grain mill products	45	1.5%
3117	3117 Bakery products	66	2.2%
3118	3118 Sugar Factories & Refineries	12	0.4%
3119	3119 Cocoa, Chocolate & Confectionery	21	0.7%
3121	3121 Food products	449	15.1%
3122	3122 Prepared animal foods	6	0.2%
3131	3131 Distilling, Rectifying spirits	7	0.2%
3132	3132 Wine industries	2	0.1%
3133	3133 Malt liquors & Malt	2	0.1%
3134	3134 Soft drinks & Carbonated waters	8	0.3%
3140	3140 Tobacco	130	4.4%

3211	3211 Spinning, Weaving & Finishing	343	11.5%
3212	3212 Made-up textile goods	22	0.7%
3213	3213 Knitting mills	32	1.1%
3214	3214 Carpets & Rugs	28	0.9%
3215	3215 Cordage, Rope & Twine	33	1.1%
3219	3219 Textile nec	5	0.2%
3220	3220 Wearing Apparat	359	12.1%
3231	3231 Tanneries & Leather	10	0.3%
3232	3232 Fur Dressing & Dyeing	0	0%
3233	3233 Leather & Leather substitutes	17	0.6%
3240	3240 Footwear except Rubber or Plastic	21	0.7%
3311	3311 Saw mills & Wood mills	74	2.5%
3312	3312 Wooden & Cane products nec	21	0.7%
3319	3319 Wood & Cork products nec	30	1%
3320	3320 Furniture & Fixture	54	1.8%
3411	3411 Pulp, Paper & Paperboard	9	0.3%
3412	3412 Containers,Boxes & Paperboard	20	0.7%
3419	3419 Pulp, Paper, Paperboard items nec	11	0.4%
3420	3420 Printing & Publishing	72	2.4%
3511	3511 Basic Industrial Chemicals	9	0.3%
3512	3512 Fertilizers & Pesticides	10	0.3%
3513	3513 Synthetic fibers, Plastic materials	4	0.1%
3521	3521 Paints, Varnishes & Lacquers	10	0.3%
3522	3522 Drugs & Medicines	23	0.8%
3523	3523 Soap, Perfumes & Other toilet items	22	0.7%
3529	3529 Chemical products nec	33	1.1%
3530	3530 Petroleum refineries	2	0.1%
3540	3540 Petroleum & Coal products	0	0%
3551	3551 Tyre & Tube industries	21	0.7%
3559	3559 Rubber products nec	176	5.9%
3560	3560 Plastic products nec	61	2.1%
3610	3610 Pottary, China & Earthenware	38	1.3%
3620	3620 Glass & Glass products	12	0.4%
3691	3691 Structural clay products	112	3.8%
3692	3692 Cement, Lime & Plaster	20	0.7%
3699	3699 Non-metalic Mineral products nec	27	0.9%
3710	3710 Iron & Steel basic industries	9	0.3%
3720	3720 Non-ferrous Metal basic industries	5	0.2%
3811	3811 Cutlery & General hardware	12	0.4%

3812	3812 Metal Furniture & Fixture	20	0.7%
3813	3813 Structural Metal products	18	0.6%
3819	3819 Fabricated Metal products	48	1.6%
3821	3821 Engines & Turbines	7	0.2%
3822	3822 Agricultural Machinery & Equip..	22	0.7%
3823	3823 Metal & Wood Working Machinery	10	0.3%
3824	3824 Industrial Machinery & Equipment	2	0.1%
3825	3825 Computing & Accounting Machinery	1	0%
3829	3829 Machinery & Equipment nec	11	0.4%
3831	3831 Electrical Industrial Machinery	11	0.4%
3832	3832 Radio, TV & Communication Equip..	13	0.4%
3833	3833 Elect.Appliances & Housewares	6	0.2%
3839	3839 Elect.Apparatus & Supplies nec	12	0.4%
3841	3841 Ship Building & Repairing	7	0.2%
3842	3842 Railroad Equipment	2	0.1%
3843	3843 Motor Vehicles	18	0.6%
3844	3844 Motorcycles & Bicycles	4	0.1%
3849	3849 Transport equipment nec	4	0.1%
3851	3851 Professional equipment nec	2	0.1%
3852	3852 Photographic & Optical goods	10	0.3%
3853	3853 Watches & Clocks	1	0%
3901	3901 Jewellery & Related articles	28	0.9%
3902	3902 Musical Instruments	6	0.2%
3903	3903 Sporting & Athletic goods	5	0.2%
3909	3909 Industries nec	41	1.4%
4101	4101 Electricity	1	0%
4102	4102 Gas	0	0%
4200	4200 Water	1	0%

ISIC3: Three Digit Level industry

Data file: as984d

Overview

Valid: 2973 Invalid: 0 Minimum: 1 Maximum: 32
 Type: Continuous Decimal: 2 Width: 8 Range: 1 - 32 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	290 Other Minings	72	2.4%
2	311 Food Manufacturing	219	7.4%
3	312 Food Manufacturing	455	15.3%
4	313 Beverage Industries	19	0.6%
5	314 Tobacco Manufacturies	130	4.4%
6	321 Textiles	463	15.6%
7	322 Wearing Apparat, Except Footwear	359	12.1%
8	323 Manufacturig of Leather & Products	27	0.9%
9	324 Footwear Except Rubber or Plastic	21	0.7%
10	331 Manufacture of Wood & Cork Products	125	4.2%
11	332 Manufacture of Furniture & Fixture	54	1.8%
12	341 Manufacture of Paper & Paper Products	40	1.3%
13	342 Printing Publishing	72	2.4%
14	351 Industrial Chemicals	23	0.8%
15	352 Other Chemical Products	88	3%
16	353 Petroleum Refineries	2	0.1%
17	354 Manufacture of Miscellaneous Products	0	0%
18	355 Rubber Products	197	6.6%
19	356 Plastic Products nec.	61	2.1%
20	361 Pottery, China & Earthenware	38	1.3%
21	362 Glass & Glass Products	12	0.4%
22	369 Other Non-metalic Products	159	5.3%
23	371 Iron & Steel Basic Industries	9	0.3%
24	372 Non-ferrous Metal Basic Industries	5	0.2%
25	381 Fabricated Metal Products	98	3.3%
26	382 Manufacture of Machinery	53	1.8%
27	383 Electrical Machinery & Supplies	42	1.4%
28	384 Transport Equipment	35	1.2%
29	385 Professional Equipment	13	0.4%
30	390 Other Manufacturing Industries	80	2.7%
31	410 Electricity, Gas & Steam	1	0%
32	420 Water Works & Supply	1	0%

ISIC2: Two Digit Level industry

Data file: as984d

Overview

Valid: 2973 Invalid: 0 Minimum: 1 Maximum: 12

Type: Continuous Decimal: 2 Width: 8 Range: 1 - 12 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	29 Other Mining	72	2.4%
2	31 Food, Beverages & Tobacco	823	27.7%
3	32 Textile, Wearing Apparel & Leather	870	29.3%
4	33 Wood, Wood Products & Furniture	179	6%
5	34 Paper Products, Printing & Publishing	112	3.8%
6	35 Chemicals, Petroleum, Rubber & Plastic	371	12.5%
7	36 Non-matalic Mineral Products	209	7%
8	37 Basic Metal Industries	14	0.5%
9	38 Metal Products, Machinery & Equipment	241	8.1%
10	39 Other Manufacturing Industries	80	2.7%
11	41 Electricity, Gas & Steam	1	0%
12	42 Water Works & Supply	1	0%

ISIC1: One digit Level Industry

Data file: as984d

Overview

Valid: 2973 Invalid: 0 Minimum: 1 Maximum: 3

Type: Continuous Decimal: 2 Width: 8 Range: 1 - 3 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	2 Mining & Quarrying	72	2.4%
2	3 Manufacturing	2899	97.5%
3	4 Electricity, Gas & Water	2	0.1%

DIST:

Data file: as984d

Overview

Valid: 2973 Invalid: 0 Minimum: 1 Maximum: 24

Type: Continuous Decimal: 2 Width: 8 Range: 1 - 24 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Colombo	783	26.3%
2	Gampaha	443	14.9%
3	Kalutara	171	5.8%
4	Kandy	205	6.9%
5	Matale	111	3.7%
6	Nuwara-Eliya	148	5%
7	Galle	131	4.4%
8	Matara	109	3.7%
9	Hambantota	55	1.8%
10	Jaffna	1	0%
11	Mannar	1	0%
12	Vavuniya	0	0%
13	Mullativu	0	0%
14	Batticaloa	1	0%
15	Ampara	1	0%
16	Trincomalee	2	0.1%
17	Kurunegala	174	5.9%
18	Puttalam	195	6.6%
19	Anuradhapura	43	1.4%
20	Polonnaruwa	32	1.1%
21	Badulla	97	3.3%
22	Monaragala	23	0.8%
23	Ratnapura	137	4.6%
24	Kegalle	110	3.7%

DIS: District

Data file: as984d

Overview

Valid: 2973 Invalid: 0 Minimum: 1 Maximum: 18
 Type: Continuous Decimal: 2 Width: 8 Range: 1 - 18 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Colombo	783	26.3%
2	Gampaha	443	14.9%
3	Kalutara	171	5.8%
4	Kandy	205	6.9%
5	Matale	111	3.7%
6	Nuwara-Eliya	148	5%
7	Galle	131	4.4%
8	Matara	109	3.7%
9	Hambantota	55	1.8%
10	Kurunegala	174	5.9%
11	Puttalam	195	6.6%
12	Anuradhapura	43	1.4%
13	Polonnaruwa	32	1.1%
14	Badulla	97	3.3%
15	Monaragala	23	0.8%
16	Ratnapura	137	4.6%
17	Kegalle	110	3.7%
18	** Other	6	0.2%

PROVINCE:

Data file: as984d

Overview

Valid: 2973 Invalid: 0 Minimum: 1 Maximum: 9
 Type: Continuous Decimal: 2 Width: 8 Range: 1 - 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Westeren	1397	47%
2	Centreal	464	15.6%
3	Southern	295	9.9%
4	Nothern	2	0.1%
5	Eastern	4	0.1%
6	North-West	369	12.4%
7	North-Centreal	75	2.5%
8	Uwa	120	4%

9	Sabaragamuwa	247	8.3%
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PROV1: Province

Data file: as984d

Overview

Valid: 2973 Invalid: 0 Minimum: 1 Maximum: 9
Type: Continuous Decimal: 2 Width: 8 Range: 1 - 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Western	1397	47%
2	Centreal	464	15.6%
3	Southern	295	9.9%
4	North-West	369	12.4%
5	North-Centreal	75	2.5%
6	Uwa	120	4%
7	Sabaragamuwa	247	8.3%
9	**Other	6	0.2%

X: Total

Data file: as984d

Overview

Valid: 2973 Invalid: 0 Minimum: 1 Maximum: 1
Type: Continuous Decimal: 2 Width: 8 Range: 1 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		2973	100%

Y: No. of establishments (No)

Data file: as984d

Overview

Valid: 2973 Invalid: 0 Minimum: 1 Maximum: 1

Type: Continuous Decimal: 2 Width: 8 Range: 1 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		2973	100%

Download related resources

Questionnaires

Annual Survey of Industries 1998 - Survey Questionnaire

Title Annual Survey of Industries 1998 - Survey Questionnaire
 Filename ASI SCHEDULE FOR EXCEL (english) 1998.xls

Reports

Annual Report of Industries 1998 - (excluding tables)

Title Annual Report of Industries 1998 - (excluding tables)
 Author(s) Trade and Industries Division, Department of Census and Statistics - Sri Lanka
 Country Sri Lanka
 Filename ASI report 1998.pdf

Study Documentation of ASI 1998 Project

Title Study Documentation of ASI 1998 Project
 Filename Study Documentation of ASI 1998 Project.pdf

ASI1998

Title ASI1998
 Filename ASI report 1998.pdf

Technical documents

Annual Survey Of Industries 1998 - Variable Names for Data Processing

Title Annual Survey Of Industries 1998 - Variable Names for Data Processing
 Filename Variable Name for ASI Schedule.xls

Other materials

Annual survey of industries 1998 - Instructions for Filling the Questionnaire

Title Annual survey of industries 1998 - Instructions for Filling the Questionnaire
 Filename ASI INSTRUCTION FOR 1998.xls
