

Sri Lanka - Annual Survey of Industries - 1996

Department of Census and Statistics

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Identification

SURVEY ID NUMBER
LKA-DCS-ASI-1996-v1.0

TITLE
Annual Survey of Industries - 1996

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 12th of the ASI series, conducted in 1997 and the reference period is 1996. 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 1996.

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

2008-05-28

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 (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)

$$Y(\text{hat}) = \left(\sum_{i=1}^{24} \left[\sum_{j=1}^{84} \left[\sum_{k=1}^3 N_{ijk} Y_{ijk} \right] \right] \right) / N$$

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
1996-01-01	1996-12-31	Where financial records were kept for calander year
1996-04-01	1997-03-31	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 20 questions in the questionnaire. The first 14 questions were on identification information. Questions 15-18 were on inputs and output and question number 19 and 20 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 1996. (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 1996 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 labor and materials used and an allocation for over head costs. Value of sales of used assets were to be at actual amounts realized.

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, with out 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 personal 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 1996 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 land.

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 1996 [ASI 1996], 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
DirectorGeneral	Department of Census and Statistics	dgcensus@sltnet.lk	Link

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Metadata production

DDI DOCUMENT ID

DDI-LKA-DCS-ASI-1996-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
as964d	3275	102

Data file: as964d

Cases: 3275

Variables: 102

Variables

ID	Name	Label	Question
V102	serno	Reference No	
V103	district	District	
V104	province	Province	
V105	sector	Province	
V106	industry	Persons Engaged Strata	
V107	l_s	Industry	
V108	shipment	Total Product Value in Rs	
V109	opstofg	Opening Stock of Finished Goods Rs	
V110	clstofg	Closing Stock of Finished goods Rs	
V111	rawim	Value of Raw Materials Purchased (Imported)	
V112	rawl	Value of Raw Materials Purchased (Local) RS	
V113	opstrmi	Openong Stock of raw Materials Imported	
V114	opstrml	Opening Stock of Raw Materials Local	
V115	clstrmi	Closing Stock of Raw Materials Imported	
V116	clstrml	Closing Stock of Raw Materials Local	
V117	indser	Receipts of Industrial Services rendered to others Rs	
V118	cindser	Cost of Industrial services done by others Rs	
V119	fwood	Firewood Consumed Rs	
V120	coal	Coal and Charcoal consumed Rs	
V121	petrol	Petrol Consumed Rs	
V122	disel	Diesel consumed rs	
V123	furnace	Furnace Oil Consumed Rs	
V124	kero	Kerosene Oil Consumed Rs	
V125	gas	LPG Consumed Rs	
V126	electr	Electricity Consumed Rs	
V127	water	Water Consumed Rs	
V128	fother	Other Fuel consumed Rs	
V129	fuel	Total Fuel consumed Rs	
V130	opfical	Book Value of Land Rs	
V131	opficab	Book Value of Building and Other Construction Rs	
V132	opficat	Book Value of Transport Equipment Rs	
V133	addfical	Gross Additions of Land Rs	
V134	addficab	Gross Additions of Buildings and Other Construction Rs	
V135	addficam	Gross Additions of Machinery and Other Equipment Rs	
V136	addficat	Gross value of Transport Equipment Rs	
V137	opficam	Book Value of Machinery and Other Equipment Rs	
V138	depfical	Depreciation of Land Rs	
V139	depficab	Depreciation of Buildings and Other Construction Rs	

ID	Name	Label	Question
V140	depficam	Depreciation of Machinery and Other Equipment Rs	
V141	depficat	Depreciation of Transport Equipment Rs	
V142	opfca	Assets at begining of the year (Rs)	
V143	adfca	Gross additions to fixed assets (Rs)	
V144	defica	Depreciation of Fixed Assets of the year Rs	
V145	emp1a	Skilled Male No	
V146	emp1b	Skilled Female No	
V147	emp1c	Skilled Total No	
V148	sal1	Skilled Male & Female salaries Rs	
V149	emp2a	Unskilled Male No	
V150	emp2b	Unskilled Female No	
V151	emp2c	Unskilled Total No	
V152	sal2	Unskilled Male & Female salaries Rs	
V153	emp3a	Administrative/Managerial Male No	
V154	emp3b	Administrative/Managerial Female No	
V155	emp3c	Administrative/Managerial Total No	
V156	sal3	Administrative/Managerial Male & Female salaries Rs	
V157	emp4a	Technical/Supervisory Male No	
V158	emp4b	Technical/Supervisory Female No	
V159	emp4c	Technical/Supervisory Total No	
V160	sal4	Technical/Supervisory Male & female salaries Rs	
V161	emp5a	Clerical & Related Male No	
V162	emp5b	Clerical and Related Female No	
V163	emp5c	Clerical & Related Total No	
V164	sal5	Clerical & Related Male & Female Salaries Rs	
V165	emp6a	Other Male No	
V166	emp6b	Other Female No	
V167	emp6c	Other Total No	
V168	sal6	Other Male & Female salaries Rs	
V169	emp7a	Working Proprietors and Active Partners Male No	
V170	emp7b	Working Proprietors and Active partners Female No	
V171	emp7c	Working Proprietors and Active Partners Total No	
V172	emp8a	Unpaid Family Workers Male No	
V173	emp8b	Unpaid Family Workers Female No	
V174	emp8c	Unpaid Family workers total No	
V175	fper	Non-National Persons Engaged No	
V176	femp	Non-National Employees No	
V177	fsal	Non-National Salaries Rs	
V178	wei_8387	Weighting Factor	
V179	output	Value of output (Rs)	
V180	rawp	Raw materials consumed (Rs)	
V181	input	Value of input (Rs)	
V182	va	Value added (Rs)	
V183	empsal	Salaries & Wages (Rs)	
V184	fixend	Assets at the end of the year (Rs)	

ID	Name	Label	Question
V185	emp1	Operatives (No)	
V186	emp2	Other employees (No)	
V187	emp3	Working proprietors & Active partners (No)	
V188	emp4	Unpaid family workers (No)	
V189	sala	Salaries of Operatives rs	
V190	salb	Salaries of Other Employees Rs	
V191	empa	Persons engaged male (No)	
V192	empb	Persons engaged female (No)	
V193	empc	Persons engaged (No)	
V194	empno	Employees (No)	
V195	isic4	Four Digit Level industry	
V196	isic3	Three Digit Level industry	
V197	isic2	Two Digit Level Industry	
V198	isic1	One Digit Level Industry	
V199	dist		
V200	dis	District	
V201	prov1	Province	
V202	x	Total	
V203	y	No. of establishments (No)	

Total: 102

SERNO: Reference No**Data file: as964d****Overview**

Valid: 3275 Invalid: 0 Minimum: 10001000 Maximum: 249067200 Mean: 78412586.369 Standard deviation: 78089717.233

Type: Continuous Decimal: 0 Width: 9 Range: 10001000 - 249067200 Format: Numeric

DISTRICT: District**Data file: as964d****Overview**

Valid: 3275 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Colombo	889	27.1%
2	Gampaha	507	15.5%
3	Kalutara	173	5.3%
4	Kandy	226	6.9%
5	Matale	114	3.5%
6	Nuwara-Eliya	166	5.1%
7	Galle	147	4.5%
8	Matara	119	3.6%
9	Hambantota	60	1.8%
17	Kurunegala	193	5.9%
18	Puttalam	196	6%
19	Anuradhapura	52	1.6%
20	Polonnaruwa	35	1.1%
21	Badulla	114	3.5%
22	Monaragala	25	0.8%
23	Ratnapura	149	4.5%
24	Kegalle	110	3.4%

PROVINCE: Province**Data file: as964d**

Overview

Valid: 3275 Invalid: 0
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Westeren	1569	47.9%
2	Centreal	506	15.5%
3	Southern	326	10%
4	Nothern	0	0%
5	Eastern	0	0%
6	North-West	389	11.9%
7	North-Centreal	87	2.7%
8	Uwa	139	4.2%
9	Sabaragamuwa	259	7.9%

SECTOR: Province

Data file: as964d

Overview

Valid: 3275 Invalid: 0
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 5 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		2421	73.9%
2		266	8.1%
3		462	14.1%
4		103	3.1%
5		23	0.7%

INDUSTRY: Persons Engaged Strata

Data file: as964d

Overview

Valid: 3275 Invalid: 0 Minimum: 2901 Maximum: 4200 Mean: 3344.449 Standard deviation: 257.257
 Type: Continuous Decimal: 0 Width: 4 Range: 2901 - 4200 Format: Numeric

L_S: Industry**Data file: as964d****Overview**

Valid: 3275 Invalid: 0
 Type: Discrete Width: 1 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category	Cases	
L	Large Establishments	2404	73.4%
S	Small Establishments	871	26.6%

SHIPMENT: Total Product Value in Rs**Data file: as964d****Overview**

Valid: 3275 Invalid: 0 Minimum: 0 Maximum: 18424877000 Mean: 71735527.627 Standard deviation:
 520419038.989
 Type: Continuous Decimal: 0 Width: 13 Range: 0 - 18424877000 Format: Numeric

OPSTOFG: Opening Stock of Finished Goods Rs**Data file: as964d****Overview**

Valid: 3275 Invalid: 0 Minimum: 0 Maximum: 1627814000 Mean: 2928946.306 Standard deviation:
 32835636.757
 Type: Continuous Decimal: 0 Width: 13 Range: 0 - 1627814000 Format: Numeric

CLSTOFG: Closing Stock of Finished goods Rs**Data file: as964d****Overview**

Valid: 3275 Invalid: 0 Minimum: 0 Maximum: 1556880000 Mean: 3318593.411 Standard deviation:
 32553910.778
 Type: Continuous Decimal: 0 Width: 13 Range: 0 - 1556880000 Format: Numeric

RAWIM: Value of Raw Materials Purchased (Imported)**Data file: as964d**

Overview

Valid: 3275 Invalid: 0 Minimum: 0 Maximum: 17631884000 Mean: 27896864.782 Standard deviation:
333191295.57
Type: Continuous Decimal: 0 Width: 13 Range: 0 - 17631884000 Format: Numeric

RAWL: Value of Raw Materials Purchased (Local) RS

Data file: as964d

Overview

Valid: 3275 Invalid: 0 Minimum: 0 Maximum: 1315000000 Mean: 10240861.182 Standard deviation:
46189952.296
Type: Continuous Decimal: 0 Width: 13 Range: 0 - 1315000000 Format: Numeric

OPSTRMI: Openong Stock of raw Materials Imported

Data file: as964d

Overview

Valid: 3275 Invalid: 0 Minimum: 0 Maximum: 1256404000 Mean: 3262885.204 Standard deviation:
27513782.925
Type: Continuous Decimal: 0 Width: 13 Range: 0 - 1256404000 Format: Numeric

OPSTRML: Opening Stock of Raw Materials Local

Data file: as964d

Overview

Valid: 3275 Invalid: 0 Minimum: 0 Maximum: 417500000 Mean: 905729.374 Standard deviation:
9156061.138
Type: Continuous Decimal: 0 Width: 13 Range: 0 - 417500000 Format: Numeric

CLSTRMI: Closing Stock of Raw Materials Imported

Data file: as964d

Overview

Valid: 3275 Invalid: 0 Minimum: 0 Maximum: 1303387000 Mean: 3985092.515 Standard deviation:
33052832.704
Type: Continuous Decimal: 0 Width: 13 Range: 0 - 1303387000 Format: Numeric

CLSTRML: Closing Stock of Raw Materials Local

Data file: as964d

Overview

Valid: 3275 Invalid: 0 Minimum: 0 Maximum: 412300000 Mean: 1120371.166 Standard deviation:
10153701.742

Type: Continuous Decimal: 0 Width: 13 Range: 0 - 412300000 Format: Numeric

INDSER: Receipts of Industrial Services rendered to others Rs

Data file: as964d

Overview

Valid: 3275 Invalid: 0 Minimum: 0 Maximum: 613573204 Mean: 2167071.776 Standard deviation: 22425000.11

Type: Continuous Decimal: 0 Width: 13 Range: 0 - 613573204 Format: Numeric

CINDSER: Cost of Industrial services done by others Rs

Data file: as964d

Overview

Valid: 3275 Invalid: 0 Minimum: 0 Maximum: 260652000 Mean: 500035.07 Standard deviation: 6310273.606

Type: Continuous Decimal: 0 Width: 13 Range: 0 - 260652000 Format: Numeric

FWOOD: Firewood Consumed Rs

Data file: as964d

Overview

Valid: 3275 Invalid: 0 Minimum: 0 Maximum: 6829166 Mean: 118422.413 Standard deviation: 414474.68

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 6829166 Format: Numeric

COAL: Coal and Charcoal consumed Rs

Data file: as964d

Overview

Valid: 3275 Invalid: 0 Minimum: 0 Maximum: 864000 Mean: 1611.286 Standard deviation: 26493.574

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 864000 Format: Numeric

PETROL: Petrol Consumed Rs

Data file: as964d

Overview

Valid: 3275 Invalid: 0 Minimum: 0 Maximum: 34552000 Mean: 65129.225 Standard deviation: 795775.271

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 34552000 Format: Numeric

DISEL: Diesel consumed rs**Data file: as964d****Overview**

Valid: 3275 Invalid: 0 Minimum: 0 Maximum: 60602547 Mean: 216388.584 Standard deviation: 1906903.777

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 60602547 Format: Numeric

FURNACE: Furnace Oil Consumed Rs**Data file: as964d****Overview**

Valid: 3275 Invalid: 0 Minimum: 0 Maximum: 986800000 Mean: 690147.874 Standard deviation: 18560548.577

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 986800000 Format: Numeric

KERO: Kerosene Oil Consumed Rs**Data file: as964d****Overview**

Valid: 3275 Invalid: 0 Minimum: 0 Maximum: 5678203 Mean: 11147.848 Standard deviation: 166455.755

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 5678203 Format: Numeric

GAS: LPG Consumed Rs**Data file: as964d****Overview**

Valid: 3275 Invalid: 0 Minimum: 0 Maximum: 16969440 Mean: 57102.704 Standard deviation: 743898.807

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 16969440 Format: Numeric

ELECTR: Electricity Consumed Rs**Data file: as964d****Overview**

Valid: 3275 Invalid: 0 Minimum: 0 Maximum: 397810000 Mean: 1397357.591 Standard deviation: 10143187.337

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 397810000 Format: Numeric

WATER: Water Consumed Rs**Data file: as964d**

Overview

Valid: 3275 Invalid: 0 Minimum: 0 Maximum: 21836851 Mean: 74226.059 Standard deviation: 664119.82
 Type: Continuous Decimal: 0 Width: 10 Range: 0 - 21836851 Format: Numeric

FOTHER: Other Fuel consumed Rs

Data file: as964d

Overview

Valid: 3275 Invalid: 0 Minimum: 0 Maximum: 18718600 Mean: 44012.89 Standard deviation: 602510.204
 Type: Continuous Decimal: 0 Width: 10 Range: 0 - 18718600 Format: Numeric

FUEL: Total Fuel consumed Rs

Data file: as964d

Overview

Valid: 3275 Invalid: 0 Minimum: 0 Maximum: 1089200000 Mean: 2675546.474 Standard deviation: 24757508.864
 Type: Continuous Decimal: 0 Width: 12 Range: 0 - 1089200000 Format: Numeric

OPFICAL: Book Value of Land Rs

Data file: as964d

Overview

Valid: 3275 Invalid: 0 Minimum: 0 Maximum: 1866900000 Mean: 2753150.653 Standard deviation: 38445784.008
 Type: Continuous Decimal: 0 Width: 13 Range: 0 - 1866900000 Format: Numeric

OPFICAB: Book Value of Building and Other Construction Rs

Data file: as964d

Overview

Valid: 3275 Invalid: 0 Minimum: 0 Maximum: 36741400000 Mean: 17152601.824 Standard deviation: 644378731.9
 Type: Continuous Decimal: 0 Width: 13 Range: 0 - 36741400000 Format: Numeric

OPFICAT: Book Value of Transport Equipment Rs

Data file: as964d

Overview

Valid: 3275 Invalid: 0 Minimum: 0 Maximum: 1335200000 Mean: 1605046.901 Standard deviation: 29152662.899
 Type: Continuous Decimal: 0 Width: 13 Range: 0 - 1335200000 Format: Numeric

ADDFICAL: Gross Additions of Land Rs**Data file: as964d****Overview**

Valid: 3275 Invalid: 0 Minimum: 0 Maximum: 179800000 Mean: 308409.795 Standard deviation:
4597725.291
Type: Continuous Decimal: 0 Width: 13 Range: 0 - 179800000 Format: Numeric

ADDFICAB: Gross Additions of Buildings and Other Construction Rs**Data file: as964d****Overview**

Valid: 3275 Invalid: 0 Minimum: -437537 Maximum: 2939300000 Mean: 1386983.506 Standard deviation:
51494913.112
Type: Continuous Decimal: 0 Width: 13 Range: -437537 - 2939300000 Format: Numeric

ADDFICAM: Gross Additions of Machinery and Other Equipment Rs**Data file: as964d****Overview**

Valid: 3275 Invalid: 0 Minimum: 0 Maximum: 11257500000 Mean: 5045342.107 Standard deviation:
197125887.252
Type: Continuous Decimal: 0 Width: 13 Range: 0 - 11257500000 Format: Numeric

ADDFICAT: Gross value of Transport Equipment Rs**Data file: as964d****Overview**

Valid: 3275 Invalid: 0 Minimum: -1417500 Maximum: 87300000 Mean: 231528.663 Standard deviation:
1877933.996
Type: Continuous Decimal: 0 Width: 13 Range: -1417500 - 87300000 Format: Numeric

OPFICAM: Book Value of Machinery and Other Equipment Rs**Data file: as964d****Overview**

Valid: 3275 Invalid: 0 Minimum: 0 Maximum: 93306000000 Mean: 38873780.262 Standard deviation:
1632713087.132
Type: Continuous Decimal: 0 Width: 13 Range: 0 - 93306000000 Format: Numeric

DEPFICAL: Depreciation of Land Rs**Data file: as964d****Overview**

Valid: 3275 Invalid: 0 Minimum: 0 Maximum: 429113 Mean: 456.637 Standard deviation: 7953.381
 Type: Continuous Decimal: 0 Width: 13 Range: 0 - 429113 Format: Numeric

DEPFICAB: Depreciation of Buildings and Other Construction Rs**Data file: as964d****Overview**

Valid: 3275 Invalid: 0 Minimum: 0 Maximum: 393500000 Mean: 362840.452 Standard deviation: 7144453.47
 Type: Continuous Decimal: 0 Width: 13 Range: 0 - 393500000 Format: Numeric

DEPFICAM: Depreciation of Machinery and Other Equipment Rs**Data file: as964d****Overview**

Valid: 3275 Invalid: 0 Minimum: 0 Maximum: 3105500000 Mean: 2197195.354 Standard deviation:
 54801762.888
 Type: Continuous Decimal: 0 Width: 13 Range: 0 - 3105500000 Format: Numeric

DEPFICAT: Depreciation of Transport Equipment Rs**Data file: as964d****Overview**

Valid: 3275 Invalid: 0 Minimum: 0 Maximum: 162600000 Mean: 275908.088 Standard deviation:
 3942019.658
 Type: Continuous Decimal: 0 Width: 13 Range: 0 - 162600000 Format: Numeric

OPFICA: Assets at beginning of the year (Rs)**Data file: as964d****Overview**

Valid: 3275 Invalid: 0 Minimum: 0 Maximum: 13324950000 Mean: 60384579.641 Standard deviation:
 2333059217.222
 Type: Continuous Decimal: 0 Width: 13 Range: 0 - 13324950000 Format: Numeric

ADFICA: Gross additions to fixed assets (Rs)**Data file: as964d**

Overview

Valid: 3275 Invalid: 0 Minimum: -1249787 Maximum: 1446390000 Mean: 6972264.07 Standard deviation: 253288446.79
 Type: Continuous Decimal: 0 Width: 13 Range: -1249787 - 1446390000 Format: Numeric

DEFICA: Depreciation of Fixed Assets of the year Rs**Data file: as964d****Overview**

Valid: 3275 Invalid: 0 Minimum: 0 Maximum: 3661600000 Mean: 2836400.531 Standard deviation: 64750590.838
 Type: Continuous Decimal: 0 Width: 13 Range: 0 - 3661600000 Format: Numeric

EMP1A: Skilled Male No**Data file: as964d****Overview**

Valid: 3275 Invalid: 0 Minimum: 0 Maximum: 3034 Mean: 24.09 Standard deviation: 117.834
 Type: Continuous Decimal: 0 Width: 6 Range: 0 - 3034 Format: Numeric

EMP1B: Skilled Female No**Data file: as964d****Overview**

Valid: 3275 Invalid: 0 Minimum: 0 Maximum: 2805 Mean: 50.9 Standard deviation: 177.086
 Type: Continuous Decimal: 0 Width: 6 Range: 0 - 2805 Format: Numeric

EMP1C: Skilled Total No**Data file: as964d****Overview**

Valid: 3275 Invalid: 0 Minimum: 0 Maximum: 3184 Mean: 74.99 Standard deviation: 226.334
 Type: Continuous Decimal: 0 Width: 6 Range: 0 - 3184 Format: Numeric

SAL1: Skilled Male & Female salaries Rs**Data file: as964d****Overview**

Valid: 3275 Invalid: 0 Minimum: 0 Maximum: 200310000 Mean: 3026447.326 Standard deviation: 12028415.304
 Type: Continuous Decimal: 0 Width: 11 Range: 0 - 200310000 Format: Numeric

EMP2A: Unskilled Male No**Data file: as964d****Overview**

Valid: 3275 Invalid: 0 Minimum: 0 Maximum: 5614 Mean: 15.168 Standard deviation: 115.799
Type: Continuous Decimal: 0 Width: 6 Range: 0 - 5614 Format: Numeric

EMP2B: Unskilled Female No**Data file: as964d****Overview**

Valid: 3275 Invalid: 0 Minimum: 0 Maximum: 3398 Mean: 22.669 Standard deviation: 96.64
Type: Continuous Decimal: 0 Width: 6 Range: 0 - 3398 Format: Numeric

EMP2C: Unskilled Total No**Data file: as964d****Overview**

Valid: 3275 Invalid: 0 Minimum: 0 Maximum: 5614 Mean: 37.837 Standard deviation: 156.896
Type: Continuous Decimal: 0 Width: 6 Range: 0 - 5614 Format: Numeric

SAL2: Unskilled Male & Female salaries Rs**Data file: as964d****Overview**

Valid: 3275 Invalid: 0 Minimum: 0 Maximum: 372426000 Mean: 1328897.955 Standard deviation:
8384991.172
Type: Continuous Decimal: 0 Width: 11 Range: 0 - 372426000 Format: Numeric

EMP3A: Administrative/Managerial Male No**Data file: as964d****Overview**

Valid: 3275 Invalid: 0 Minimum: 0 Maximum: 636 Mean: 3.065 Standard deviation: 15.173
Type: Continuous Decimal: 0 Width: 6 Range: 0 - 636 Format: Numeric

EMP3B: Administrative/Managerial Female No**Data file: as964d**

Overview

Valid: 3275 Invalid: 0 Minimum: 0 Maximum: 81 Mean: 0.707 Standard deviation: 3.485
 Type: Continuous Decimal: 0 Width: 6 Range: 0 - 81 Format: Numeric

EMP3C: Administrative/Managerial Total No

Data file: as964d

Overview

Valid: 3275 Invalid: 0 Minimum: 0 Maximum: 694 Mean: 3.772 Standard deviation: 17.568
 Type: Continuous Decimal: 0 Width: 6 Range: 0 - 694 Format: Numeric

SAL3: Administrative/Managerial Male & Female salaries Rs

Data file: as964d

Overview

Valid: 3275 Invalid: 0 Minimum: 0 Maximum: 103690000 Mean: 587950.445 Standard deviation:
 3583677.432
 Type: Continuous Decimal: 0 Width: 11 Range: 0 - 103690000 Format: Numeric

EMP4A: Technical/Supervisory Male No

Data file: as964d

Overview

Valid: 3275 Invalid: 0 Minimum: 0 Maximum: 1261 Mean: 4.955 Standard deviation: 31.328
 Type: Continuous Decimal: 0 Width: 6 Range: 0 - 1261 Format: Numeric

EMP4B: Technical/Supervisory Female No

Data file: as964d

Overview

Valid: 3275 Invalid: 0 Minimum: 0 Maximum: 178 Mean: 2.141 Standard deviation: 10.381
 Type: Continuous Decimal: 0 Width: 6 Range: 0 - 178 Format: Numeric

EMP4C: Technical/Supervisory Total No

Data file: as964d

Overview

Valid: 3275 Invalid: 0 Minimum: 0 Maximum: 1386 Mean: 7.096 Standard deviation: 36.612
 Type: Continuous Decimal: 0 Width: 6 Range: 0 - 1386 Format: Numeric

SAL4: Technical/Supervisory Male & female salaries Rs**Data file: as964d****Overview**

Valid: 3275 Invalid: 0 Minimum: 0 Maximum: 84603000 Mean: 537772.765 Standard deviation: 2873419.358

Type: Continuous Decimal: 0 Width: 11 Range: 0 - 84603000 Format: Numeric

EMP5A: Clerical & Related Male No**Data file: as964d****Overview**

Valid: 3275 Invalid: 0 Minimum: 0 Maximum: 1408 Mean: 4.658 Standard deviation: 32.127

Type: Continuous Decimal: 0 Width: 6 Range: 0 - 1408 Format: Numeric

EMP5B: Clerical and Related Female No**Data file: as964d****Overview**

Valid: 3275 Invalid: 0 Minimum: 0 Maximum: 844 Mean: 3.34 Standard deviation: 19.07

Type: Continuous Decimal: 0 Width: 6 Range: 0 - 844 Format: Numeric

EMP5C: Clerical & Related Total No**Data file: as964d****Overview**

Valid: 3275 Invalid: 0 Minimum: 0 Maximum: 2252 Mean: 7.998 Standard deviation: 49.936

Type: Continuous Decimal: 0 Width: 6 Range: 0 - 2252 Format: Numeric

SAL5: Clerical & Related Male & Female Salaries Rs**Data file: as964d****Overview**

Valid: 3275 Invalid: 0 Minimum: 0 Maximum: 184559000 Mean: 506748.107 Standard deviation: 4419170.582

Type: Continuous Decimal: 0 Width: 12 Range: 0 - 184559000 Format: Numeric

EMP6A: Other Male No**Data file: as964d****Overview**

Valid: 3275 Invalid: 0 Minimum: 0 Maximum: 1543 Mean: 4.263 Standard deviation: 35.188

Type: Continuous Decimal: 0 Width: 6 Range: 0 - 1543 Format: Numeric

EMP6B: Other Female No

Data file: as964d

Overview

Valid: 3275 Invalid: 0 Minimum: 0 Maximum: 415 Mean: 3.119 Standard deviation: 24.022
 Type: Continuous Decimal: 0 Width: 6 Range: 0 - 415 Format: Numeric

EMP6C: Other Total No

Data file: as964d

Overview

Valid: 3275 Invalid: 0 Minimum: 0 Maximum: 1555 Mean: 7.382 Standard deviation: 48.5
 Type: Continuous Decimal: 0 Width: 6 Range: 0 - 1555 Format: Numeric

SAL6: Other Male & Female salaries Rs

Data file: as964d

Overview

Valid: 3275 Invalid: 0 Minimum: 0 Maximum: 104226000 Mean: 283510.631 Standard deviation: 2375792.644
 Type: Continuous Decimal: 0 Width: 11 Range: 0 - 104226000 Format: Numeric

EMP7A: Working Proprietors and Active Partners Male No

Data file: as964d

Overview

Valid: 3275 Invalid: 0
 Type: Discrete Decimal: 0 Width: 6 Range: 0 - 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	0	2269	69.3%
1	1	696	21.3%
2	2	185	5.6%
3	3	63	1.9%
4	4	34	1%
5	5	17	0.5%

6	6	7	0.2%
7	7	3	0.1%
10	10	1	0%

EMP7B: Working Proprietors and Active partners Female No

Data file: as964d

Overview

Valid: 3275 Invalid: 0
 Type: Discrete Decimal: 0 Width: 6 Range: 0 - 178 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	0	3015	92.1%
1	1	225	6.9%
2	2	24	0.7%
3	3	8	0.2%
4	4	2	0.1%
178	178	1	0%

EMP7C: Working Proprietors and Active Partners Total No

Data file: as964d

Overview

Valid: 3275 Invalid: 0
 Type: Discrete Decimal: 0 Width: 6 Range: 0 - 178 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	0	2187	66.8%
1	1	656	20%
2	2	242	7.4%
3	3	103	3.1%
4	4	48	1.5%
5	5	23	0.7%
6	6	11	0.3%

7	7	3	0.1%
11	11	1	0%
178	178	1	0%

EMP8A: Unpaid Family Workers Male No

Data file: as964d

Overview

Valid: 3275 Invalid: 0
 Type: Discrete Decimal: 0 Width: 6 Range: 0 - 265 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	0	2893	88.3%
1	1	224	6.8%
2	2	101	3.1%
3	3	31	0.9%
4	4	7	0.2%
5	5	4	0.1%
6	6	4	0.1%
7	7	2	0.1%
9	9	3	0.1%
10	10	1	0%
12	12	2	0.1%
20	20	1	0%
110	110	1	0%
265	265	1	0%

EMP8B: Unpaid Family Workers Female No

Data file: as964d

Overview

Valid: 3275 Invalid: 0
 Type: Discrete Decimal: 0 Width: 6 Range: 0 - 79 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	0	3067	93.6%
1	1	127	3.9%
2	2	51	1.6%
3	3	12	0.4%
4	4	9	0.3%
5	5	3	0.1%
6	6	1	0%
7	7	2	0.1%
8	8	1	0%
20	20	1	0%
79	79	1	0%

EMP8C: Unpaid Family workers total No

Data file: as964d

Overview

Valid: 3275 Invalid: 0

Type: Discrete Decimal: 0 Width: 6 Range: 0 - 265 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	0	2794	85.3%
1	1	237	7.2%
2	2	129	3.9%
3	3	52	1.6%
4	4	23	0.7%
5	5	11	0.3%
6	6	8	0.2%
7	7	7	0.2%
8	8	1	0%
9	9	2	0.1%
10	10	2	0.1%
12	12	1	0%
13	13	1	0%
16	16	2	0.1%
20	20	2	0.1%

91	91	1	0%
110	110	1	0%
265	265	1	0%

FPER: Non-National Persons Engaged No

Data file: as964d

Overview

Valid: 3275 Invalid: 0 Minimum: 0 Maximum: 993 Mean: 1.11 Standard deviation: 21.653
 Type: Continuous Decimal: 0 Width: 5 Range: 0 - 993 Format: Numeric

FEMP: Non-National Employees No

Data file: as964d

Overview

Valid: 3275 Invalid: 0 Minimum: 0 Maximum: 993 Mean: 1.186 Standard deviation: 23.428
 Type: Continuous Decimal: 0 Width: 5 Range: 0 - 993 Format: Numeric

FSAL: Non-National Salaries Rs

Data file: as964d

Overview

Valid: 3275 Invalid: 0 Minimum: 0 Maximum: 81455407 Mean: 221737.122 Standard deviation: 2381998.313
 Type: Continuous Decimal: 0 Width: 11 Range: 0 - 81455407 Format: Numeric

WEI_8387: Weighting Factor

Data file: as964d

Overview

Valid: 3275 Invalid: 0 Minimum: 0.5 Maximum: 708 Mean: 4.281 Standard deviation: 22.695
 Type: Continuous Decimal: 4 Width: 8 Range: 0.5 - 708 Format: Numeric

OUTPUT: Value of output (Rs)

Data file: as964d

Overview

Valid: 3275 Invalid: 0 Minimum: 0 Maximum: 18353943000 Mean: 74292246.508 Standard deviation: 519858875.748
 Type: Continuous Decimal: 2 Width: 8 Range: 0 - 18353943000 Format: Numeric

RAWP: Raw materials consumed (Rs)**Data file: as964d****Overview**

Valid: 3275 Invalid: 0 Minimum: 0 Maximum: 17584901000 Mean: 37200876.861 Standard deviation: 337275640.757
Type: Continuous Decimal: 2 Width: 8 Range: 0 - 17584901000 Format: Numeric

INPUT: Value of input (Rs)**Data file: as964d****Overview**

Valid: 3275 Invalid: 0 Minimum: 0 Maximum: 17842796000 Mean: 40376458.405 Standard deviation: 345000303.217
Type: Continuous Decimal: 2 Width: 8 Range: 0 - 17842796000 Format: Numeric

VA: Value added (Rs)**Data file: as964d****Overview**

Valid: 3275 Invalid: 0 Minimum: -6930625 Maximum: 13411800000 Mean: 33915788.104 Standard deviation: 327749428.056
Type: Continuous Decimal: 2 Width: 8 Range: -6930625 - 13411800000 Format: Numeric

EMPSAL: Salaries & Wages (Rs)**Data file: as964d****Overview**

Valid: 3275 Invalid: 0 Minimum: 0 Maximum: 1049814000 Mean: 6271327.228 Standard deviation: 27534963.401
Type: Continuous Decimal: 2 Width: 8 Range: 0 - 1049814000 Format: Numeric

FIXEND: Assets at the end of the year (Rs)**Data file: as964d****Overview**

Valid: 3275 Invalid: 0 Minimum: -189696798 Maximum: 144051800000 Mean: 64520443.18 Standard deviation: 2521493331.413
Type: Continuous Decimal: 2 Width: 8 Range: -189696798 - 144051800000 Format: Numeric

EMP1: Operatives (No)**Data file: as964d****Overview**

Valid: 3275 Invalid: 0 Minimum: 0 Maximum: 8649 Mean: 112.827 Standard deviation: 327.472
 Type: Continuous Decimal: 2 Width: 8 Range: 0 - 8649 Format: Numeric

EMP2: Other employees (No)**Data file: as964d****Overview**

Valid: 3275 Invalid: 0 Minimum: 0 Maximum: 5281 Mean: 26.248 Standard deviation: 126.765
 Type: Continuous Decimal: 2 Width: 8 Range: 0 - 5281 Format: Numeric

EMP3: Working proprietors & Active partners (No)**Data file: as964d****Overview**

Valid: 3275 Invalid: 0 Minimum: 0 Maximum: 178 Mean: 0.62 Standard deviation: 3.269
 Type: Continuous Decimal: 2 Width: 8 Range: 0 - 178 Format: Numeric

EMP4: Unpaid family workers (No)**Data file: as964d****Overview**

Valid: 3275 Invalid: 0 Minimum: 0 Maximum: 265 Mean: 0.459 Standard deviation: 5.371
 Type: Continuous Decimal: 2 Width: 8 Range: 0 - 265 Format: Numeric

SALA: Salaries of Operatives rs**Data file: as964d****Overview**

Valid: 3275 Invalid: 0 Minimum: 0 Maximum: 572736000 Mean: 4355345.28 Standard deviation:
 17337213.736
 Type: Continuous Decimal: 2 Width: 8 Range: 0 - 572736000 Format: Numeric

SALB: Salaries of Other Employees Rs**Data file: as964d****Overview**

Valid: 3275 Invalid: 0 Minimum: 0 Maximum: 477078000 Mean: 1915981.948 Standard deviation:
 11429219.623

Type: Continuous Decimal: 2 Width: 8 Range: 0 - 477078000 Format: Numeric

EMPA: Persons engaged male (No)

Data file: as964d

Overview

Valid: 3275 Invalid: 0 Minimum: 0 Maximum: 12972 Mean: 56.995 Standard deviation: 297.241
 Type: Continuous Decimal: 2 Width: 8 Range: 0 - 12972 Format: Numeric

EMPB: Persons engaged female (No)

Data file: as964d

Overview

Valid: 3275 Invalid: 0 Minimum: 0 Maximum: 3895 Mean: 83.159 Standard deviation: 251.573
 Type: Continuous Decimal: 2 Width: 8 Range: 0 - 3895 Format: Numeric

EMPC: Persons engaged (No)

Data file: as964d

Overview

Valid: 3275 Invalid: 0 Minimum: 0 Maximum: 13930 Mean: 140.155 Standard deviation: 424.891
 Type: Continuous Decimal: 2 Width: 8 Range: 0 - 13930 Format: Numeric

EMPNO: Employees (No)

Data file: as964d

Overview

Valid: 3275 Invalid: 0 Minimum: 0 Maximum: 13930 Mean: 139.075 Standard deviation: 424.403
 Type: Continuous Decimal: 2 Width: 8 Range: 0 - 13930 Format: Numeric

ISIC4: Four Digit Level industry

Data file: as964d

Overview

Valid: 3275 Invalid: 0 Minimum: 2901 Maximum: 4200
 Type: Continuous Decimal: 2 Width: 8 Range: 2901 - 4200 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
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2901	2901 Stone, Clay, & Sand pits	44	1.3%
2902	2902 Chemical fertilizer & Mineral	3	0.1%
2903	2903 Salt	2	0.1%
2909	2909 Mining & Quarrying nec	26	0.8%
3111	3111 Slaughtering & Preserving meat	4	0.1%
3112	3112 Dairy products	25	0.8%
3113	3113 Canning Fruit & Vegetables	12	0.4%
3114	3114 Canning & Processing Fish	11	0.3%
3115	3115 Vegetable, Animal oils & Fats	31	0.9%
3116	3116 Grain mill products	47	1.4%
3117	3117 Bakery products	66	2%
3118	3118 Suger Factories & Refineries	15	0.5%
3119	3119 Cocoa, Chocolate & Confectionery	26	0.8%
3121	3121 Food products	462	14.1%
3122	3122 Prepared animal foods	6	0.2%
3131	3131 Distilling, Rectifying spirits	10	0.3%
3132	3132 Wine industries	2	0.1%
3133	3133 Malt liquors & Malt	3	0.1%
3134	3134 Soft drinks & Carbonated waters	7	0.2%
3140	3140 Tobacco	155	4.7%
3211	3211 Spinning, Weaving & Finishing	380	11.6%
3212	3212 Made-up textile goods	28	0.9%
3213	3213 Knitting mills	31	0.9%
3214	3214 Carpets & Rugs	30	0.9%
3215	3215 Cordage, Rope & Twine	27	0.8%
3219	3219 Textile nec	7	0.2%
3220	3220 Wearing Apparal	435	13.3%
3231	3231 Tanneries & Leather	9	0.3%
3232	3232 Fur Dressing & Dyeing	0	0%
3233	3233 Leather & Leather substitutes	22	0.7%
3240	3240 Footwear except Rubber or Plastic	22	0.7%
3311	3311 Saw mills & Wood mills	85	2.6%
3312	3312 Wooden & Cane products nec	22	0.7%
3319	3319 Wood & Cork products nec	31	0.9%
3320	3320 Furniture & Fixture	65	2%
3411	3411 Pulp, Paper & Paperboard	6	0.2%
3412	3412 Containers,Boxes & Paperboard	20	0.6%
3419	3419 Pulp, Paper, Paperboard items nec	15	0.5%
3420	3420 Printing & Publishing	75	2.3%

3511	3511 Basic Industrial Chemicals	10	0.3%
3512	3512 Fertilizers & Pesticides	11	0.3%
3513	3513 Synthetic fibers, Plastic materials	7	0.2%
3521	3521 Paints, Varnishes & Lacquers	14	0.4%
3522	3522 Drugs & Medicines	23	0.7%
3523	3523 Soap, Perfumes & Other toilet items	24	0.7%
3529	3529 Chemical products nec	38	1.2%
3530	3530 Petroleum refineries	2	0.1%
3540	3540 Petroleum & Coal products	0	0%
3551	3551 Tyre & Tube industries	20	0.6%
3559	3559 Rubber products nec	178	5.4%
3560	3560 Plastic products nec	59	1.8%
3610	3610 Pottary, China & Earthenware	36	1.1%
3620	3620 Glass & Glass products	10	0.3%
3691	3691 Structural clay products	122	3.7%
3692	3692 Cement, Lime & Plaster	20	0.6%
3699	3699 Non-metalic Mineral products nec	22	0.7%
3710	3710 Iron & Steel basic industries	8	0.2%
3720	3720 Non-ferrous Metal basic industries	7	0.2%
3811	3811 Cutlery & General hardware	19	0.6%
3812	3812 Metal Furniture & Fixture	22	0.7%
3813	3813 Structural Metal products	21	0.6%
3819	3819 Fabricated Metal products	64	2%
3821	3821 Engines & Turbines	7	0.2%
3822	3822 Agricultural Machinery & Equip..	29	0.9%
3823	3823 Metal & Wood Working Machinery	4	0.1%
3824	3824 Industrial Machinery & Equipment	1	0%
3825	3825 Computing & Accounting Machinery	1	0%
3829	3829 Machinery & Equipment nec	15	0.5%
3831	3831 Electrical Industrial Machinery	18	0.5%
3832	3832 Radio, TV & Communication Equip..	13	0.4%
3833	3833 Elect.Appliances & Housewares	9	0.3%
3839	3839 Elect.Apparatus & Supplies nec	12	0.4%
3841	3841 Ship Building & Repairing	8	0.2%
3842	3842 Railroad Equipment	2	0.1%
3843	3843 Motor Vehicles	33	1%
3844	3844 Motorcycles & Bicycles	6	0.2%
3849	3849 Transport equipment nec	5	0.2%
3851	3851 Professional equipment nec	2	0.1%

3852	3852 Photographic & Optical goods	11	0.3%
3853	3853 Watches & Clocks	1	0%
3901	3901 Jewellery & Related articles	33	1%
3902	3902 Musical Instruments	5	0.2%
3903	3903 Sporting & Athletic goods	5	0.2%
3909	3909 Industries nec	49	1.5%
4101	4101 Electricity	1	0%
4102	4102 Gas	0	0%
4200	4200 Water	1	0%

ISIC3: Three Digit Level industry

Data file: as964d

Overview

Valid: 3275 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	75	2.3%
2	311 Food Manufacturing	237	7.2%
3	312 Food Manufacturing	468	14.3%
4	313 Beverage Industries	22	0.7%
5	314 Tobacco Manufacturies	155	4.7%
6	321 Textiles	503	15.4%
7	322 Wearing Apparal, Except Footwear	435	13.3%
8	323 Manufacturig of Leather & Products	31	0.9%
9	324 Footwear Except Rubber or Plastic	22	0.7%
10	331 Manufacture of Wood & Cork Products	138	4.2%
11	332 Manufacture of Furniture & Fixture	65	2%
12	341 Manufacture of Paper & Paper Products	41	1.3%
13	342 Printing Publishing	75	2.3%
14	351 Industrial Chemicals	28	0.9%
15	352 Other Chemical Products	99	3%
16	353 Petroleum Refineries	2	0.1%
17	354 Manufacture of Miscellaneous Products	0	0%
18	355 Rubber Products	198	6%

19	356 Plastic Products nec.	59	1.8%
20	361 Pottery, China & Earthenware	36	1.1%
21	362 Glass & Glass Products	10	0.3%
22	369 Other Non-metalic Products	164	5%
23	371 Iron & Steel Basic Industries	8	0.2%
24	372 Non-ferrous Metal Basic Industries	7	0.2%
25	381 Fabricated Metal Products	126	3.8%
26	382 Manufacture of Machinery	57	1.7%
27	383 Electrical Machinery & Supplies	52	1.6%
28	384 Transport Equipment	54	1.6%
29	385 Professional Equipment	14	0.4%
30	390 Other Manufacturing Industries	92	2.8%
31	410 Electricity, Gas & Steam	1	0%
32	420 Water Works & Supply	1	0%

ISIC2: Two Digit Level Industry

Data file: as964d

Overview

Valid: 3275 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	75	2.3%
2	31 Food, Beverages & Tobacco	882	26.9%
3	32 Textile, Wearing Apparel & Leather	991	30.3%
4	33 Wood, Wood Products & Furniture	203	6.2%
5	34 Paper Products, Printing & Publishing	116	3.5%
6	35 Chemicals, Petroleum, Rubber & Plastic	386	11.8%
7	36 Non-metalic Mineral Products	210	6.4%
8	37 Basic Metal Industries	15	0.5%
9	38 Metal Products, Machinery & Equipment	303	9.3%
10	39 Other Manufacturing Industries	92	2.8%
11	41 Electricity, Gas & Steam	1	0%
12	42 Water Works & Supply	1	0%

ISIC1: One Digit Level Industry**Data file: as964d****Overview**

Valid: 3275 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 & Quarring	75	2.3%
2	3 Manufacturing	3198	97.6%
3	4 Electricity, Gas & Water	2	0.1%

DIST:**Data file: as964d****Overview**

Valid: 3275 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	889	27.1%
2	Gampaha	507	15.5%
3	Kalutara	173	5.3%
4	Kandy	226	6.9%
5	Matale	114	3.5%
6	Nuwara-Eliya	166	5.1%
7	Galle	147	4.5%
8	Matara	119	3.6%
9	Hambantota	60	1.8%
10	Jaffna	0	0%
11	Mannar	0	0%
12	Vavuniya	0	0%
13	Mullativu	0	0%
14	Batticaloa	0	0%
15	Ampara	0	0%

16	Trincomalee	0	0%
17	Kurunegala	193	5.9%
18	Puttalam	196	6%
19	Anuradhapura	52	1.6%
20	Polonnaruwa	35	1.1%
21	Badulla	114	3.5%
22	Monaragala	25	0.8%
23	Ratnapura	149	4.5%
24	Kegalle	110	3.4%

DIS: District

Data file: as964d

Overview

Valid: 3275 Invalid: 0 Minimum: 1 Maximum: 17
 Type: Continuous Decimal: 2 Width: 8 Range: 1 - 18 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Colombo	889	27.1%
2	Gampaha	507	15.5%
3	Kalutara	173	5.3%
4	Kandy	226	6.9%
5	Matale	114	3.5%
6	Nuwara-Eliya	166	5.1%
7	Galle	147	4.5%
8	Matara	119	3.6%
9	Hambantota	60	1.8%
10	Kurunegala	193	5.9%
11	Puttalam	196	6%
12	Anuradhapura	52	1.6%
13	Polonnaruwa	35	1.1%
14	Badulla	114	3.5%
15	Monaragala	25	0.8%
16	Ratnapura	149	4.5%
17	Kegalle	110	3.4%
18	** Other	0	0%

PROV1: Province**Data file: as964d****Overview**

Valid: 3275 Invalid: 0 Minimum: 1 Maximum: 7
 Type: Continuous Decimal: 2 Width: 8 Range: 1 - 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Western	1569	47.9%
2	Centreal	506	15.5%
3	Southern	326	10%
4	North-West	389	11.9%
5	North-Centrel	87	2.7%
6	Uwa	139	4.2%
7	Sabaragamuwa	259	7.9%
9	**Other	0	0%

X: Total**Data file: as964d****Overview**

Valid: 3275 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		3275	100%

Y: No. of establishments (No)**Data file: as964d****Overview**

Valid: 3275 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		3275	100%

Download related resources

Questionnaires

Annual Survey of Industries 1996 - Survey Questionnaire

Title Annual Survey of Industries 1996 - Survey Questionnaire
Filename ASI SCHEDULE FOR EXCEL (english) 1996.xls

Reports

Annual Report of Industries 1996 - (excluding tables)

Title Annual Report of Industries 1996 - (excluding tables)
Author(s) Trade and Industries Division, Department of Census and Statistics - Sri lanka
Country Sri Lanka
Filename ASI report 1996 .pdf

Study Documentation of ASI 1996 Project

Title Study Documentation of ASI 1996 Project
Filename Study Documentation of ASI 1996 Project.pdf

Technical documents

Annual Survey Of Industries 1996 - Variable Names for Data Processing

Title Annual Survey Of Industries 1996 - Variable Names for Data Processing
Filename Variable Name for ASI Schedule.xls

Other materials

Annual survey of industries 1996 - Instructions for Filling the Questionnaire

Title Annual survey of industries 1996 - Instructions for Filling the Questionnaire
Filename ASI INSTRUCTION FOR 1996.xls
