

# Sri Lanka - Annual Survey of Industries - 1997

**Department of Census and Statistics**

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## Identification

### SURVEY ID NUMBER

LKA-DCS-ASI-1997-v1.0

### TITLE

Annual Survey of Industries - 1997

### 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 13th 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 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	<a href="#">Link</a>
TRADE, INDUSTRY AND MARKETS [2]	CESSDA	<a href="#">Link</a>

## 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)

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

-----

$N_{ijk}$

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

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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 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	<a href="#">Link</a>
Industrial & Construction Division	Department of Census and Statistics	industries@statistics.gov.lk	<a href="#">Link</a>

### 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.

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- 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\\_](http://www.statistics.gov.lk/databases/data%20dissemination/DataDissaPolicy_)

**CITATION REQUIREMENTS**

Department of Census and Statistics, Annual Survey of Industries 1997 [ASI 1997], Version 1.0 of the public use dataset May, 2008, provided by the National Data Archive, Data Processing Division, [www.statistics.gov.lk](http://www.statistics.gov.lk)

**ACCESS AUTHORITY**

Name	Affiliation	Email	URL
Director General	Department of Census and Statistics	dgcensus@sltnet.lk	<a href="#">Link</a>



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### DISCLAIMER

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## Metadata production

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### DDI DOCUMENT ID

DDI-LKA-DCS-ASI-1997-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**

<b>Data file</b>	<b>Cases</b>	<b>Variables</b>
<b>as974d</b>	3072	94



**Data file: as974d**

Cases: 3072

Variables: 94

**Variables**

ID	Name	Label	Question
V204	serno	Reference No	
V205	l_s	Industry	
V206	sector	Province	
V207	district	District	
V208	industry	Persons Engaged Strata	
V209	shipment	Total Product value in Rs	
V210	opstofg	Opening Stock of finished Goods in Rs	
V211	clstofg	Closing Stock of Finished Goods in Rs	
V212	rawim	Value of Raw Materials Purchased (Imported)	
V213	rawl	Value of Raw Materials Purchased (Local)	
V214	opstrmi	Opening Stock of Raw Materials Imported	
V215	opstrml	Opening Stock of raw Materials Local	
V216	clstrmi	Closing Stock of raw Materials Imported	
V217	clstrml	Closing Stock of Raw Materials Local	
V218	indser	Receipts of Industrial Services rendered to others in Rs	
V219	cindser	Cost of Industrial Services done by others in Rs	
V220	fwood	Firewood Consumed in Rs	
V221	coal	Coal and Charcoal Consumed in Rs	
V222	petrol	Petrol Consumed in Rs	
V223	disel	Diesel Consumed in Rs	
V224	furnace	Furnace Oil Consumed in Rs	
V225	kero	Kerosene Oil Consumed in Rs	
V226	gas	LPG Consumed in Rs	
V227	electr	Electricity Consumed in Rs	
V228	water	Water Consumed in Rs	
V229	fother	Other Fuel Consumed in Rs	
V230	opfical	Book Value of Land Rs	
V231	opficab	Book Value of Building and Other Construction Rs	
V232	opficat	Book Value of Transport Equipment Rs	
V233	addfical	Gross Additions of Land Rs	
V234	addficab	Gross Additions of Building and Other Construction Rs	
V235	addficam	Gross Additions of Machinery and Other Equipment Rs	
V236	addficat	Gross Additions Transport Equipment Rs	
V237	opficam	Book Value of Machinery and Other Equipment Rs	
V238	depfical	Depreciation of Land Rs	
V239	depficab	Depreciation of Building and Other Construction Rs	
V240	depficam	Depreciation of Machinery and Other Equipment Rs	
V241	depficat	Depreciation of Transport Equipment Rs	

ID	Name	Label	Question
V242	emp1a	Skilled Male No	
V243	emp1b	Skilled Female No	
V244	sal1	Skilled Male & Female Salaries Rs	
V245	emp2a	Unskilled Male No	
V246	emp2b	Unskilled Female No	
V247	sal2	Unskilled Male & Female Salaries Rs	
V248	emp3a	Administrative/Managerial Male No	
V249	emp3b	Administrative/Managerial Female No	
V250	sal3	Administrative/Managerial Male & Female Salaries Rs	
V251	emp4a	Technical/Supervisory Male No	
V252	emp4b	Technical/Supervisory Female No	
V253	sal4	Technical/Supervisory Male & Female Salaries Rs	
V254	emp5a	Clerical & Related Male No	
V255	emp5b	Clerical & Related Female No	
V256	sal5	Clerical & Related Male & Female Salaries Rs	
V257	emp6a	Other Male No	
V258	emp6b	Other Female No	
V259	sal6	Other Male & Female Salaries Rs	
V260	emp7a	Working Proprietors and Active Partners Male No	
V261	emp7b	Working Proprietors and Active Partners Female No	
V262	emp8a	Unpaid Family Workers Male No	
V263	emp8b	Unpaid Family Workers Female No	
V264	fper	Non-National Persons Engaged No	
V265	femp	Non-National Employees No	
V266	fsal	Non-Nationals salaries Rs Non-Nationals salaries Rs	
V267	wei_83_8	Weighting Factor	
V268	opfica	Assets at begining of the year (Rs)	
V269	adfica	Gross additions to fixed assets (Rs)	
V270	defica	Depreciation of Fixed assets for the Year Rs	
V271	fuel	Total Fuel Consumed Rs	
V272	output	Value of output (Rs)	
V273	rawp	Raw materials consumed (Rs)	
V274	input	Value of input (Rs)	
V275	va	Value added (Rs)	
V276	empsal	Salaries & Wages (Rs)	
V277	fixend	Assets at the end of the year (Rs)	
V278	emp1	Operatives (No)	
V279	emp2	Other employees (No)	
V280	emp3	Working proprietors & Active partners (No)	
V281	emp4	Unpaid family workers (No)	
V282	sala	Salaries for Operatives Rs	
V283	salb	Salaries for Other Employees Rs	
V284	empa	Persons engaged male (No)	
V285	empb	Persons engaged female (No)	
V286	empc	Persons engaged (No)	

ID	Name	Label	Question
V287	empno	Employees (No)	
V288	isic4	Four Digit Level Industry	
V289	isic3	Three Digit Level Industry	
V290	isic2	Two Digit Level Industry	
V291	isic1	One Digit Level Industry	
V292	dist		
V293	dis	District	
V294	province		
V295	prov1	Province	
V296	x	Total	
V297	y	No. of establishments (No)	

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Total: 94



**SERNO: Reference No****Data file: as974d****Overview**

Valid: 3072 Invalid: 0 Minimum: 10001000 Maximum: 249010700 Mean: 79298965.35 Standard deviation: 78033182.259  
 Type: Continuous Decimal: 0 Width: 9 Range: 10001000 - 249010700 Format: Numeric

**L\_S: Industry****Data file: as974d****Overview**

Valid: 3072 Invalid: 0  
 Type: Discrete Width: 1 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
L		2257	73.5%
S		815	26.5%

**SECTOR: Province****Data file: as974d****Overview**

Valid: 3072 Invalid: 0  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 5 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		633	20.6%
1		1849	60.2%
2		237	7.7%
3		151	4.9%
4		155	5%
5		47	1.5%



**DISTRICT: District****Data file: as974d****Overview**

Valid: 3072    Invalid: 0  
 Type: Discrete    Decimal: 0    Width: 2    Range: 1 - 24    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		771	25.1%
2		498	16.2%
3		178	5.8%
4		225	7.3%
5		113	3.7%
6		155	5%
7		133	4.3%
8		112	3.6%
9		52	1.7%
10		2	0.1%
12		1	0%
15		1	0%
16		2	0.1%
17		178	5.8%
18		205	6.7%
19		42	1.4%
20		30	1%
21		99	3.2%
22		25	0.8%
23		145	4.7%
24		105	3.4%

**INDUSTRY: Persons Engaged Strata****Data file: as974d****Overview**

Valid: 3072    Invalid: 0    Minimum: 2901    Maximum: 4200    Mean: 3332.856    Standard deviation: 254.627  
 Type: Continuous    Decimal: 0    Width: 4    Range: 2901 - 4200    Format: Numeric

**SHIPMENT: Total Product value in Rs****Data file: as974d****Overview**

Valid: 3072 Invalid: 0 Minimum: 0 Maximum: 29362611000 Mean: 88132752.633 Standard deviation: 726069117.029  
 Type: Continuous Decimal: 0 Width: 13 Range: 0 - 29362611000 Format: Numeric

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**OPSTOFG: Opening Stock of finished Goods in Rs****Data file: as974d****Overview**

Valid: 3072 Invalid: 0 Minimum: 0 Maximum: 1563952000 Mean: 3184816.262 Standard deviation: 33493626.612  
 Type: Continuous Decimal: 0 Width: 13 Range: 0 - 1563952000 Format: Numeric

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**CLSTOFG: Closing Stock of Finished Goods in Rs****Data file: as974d****Overview**

Valid: 3072 Invalid: 0 Minimum: 0 Maximum: 1707684000 Mean: 3523941.727 Standard deviation: 36499878.386  
 Type: Continuous Decimal: 0 Width: 13 Range: 0 - 1707684000 Format: Numeric

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**RAWIM: Value of Raw Materials Purchased (Imported)****Data file: as974d****Overview**

Valid: 3072 Invalid: 0 Minimum: 0 Maximum: 28455567000 Mean: 36498563.254 Standard deviation: 536916386.883  
 Type: Continuous Decimal: 0 Width: 13 Range: 0 - 28455567000 Format: Numeric

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**RAWL: Value of Raw Materials Purchased (Local)****Data file: as974d****Overview**

Valid: 3072 Invalid: 0 Minimum: 0 Maximum: 1450000000 Mean: 11757681.584 Standard deviation: 47391090.723  
 Type: Continuous Decimal: 0 Width: 13 Range: 0 - 1450000000 Format: Numeric

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**OPSTRMI: Opening Stock of Raw Materials Imported****Data file: as974d**

**Overview**

Valid: 3072 Invalid: 0 Minimum: 0 Maximum: 1303387000 Mean: 3533845.558 Standard deviation: 30774629.061  
 Type: Continuous Decimal: 0 Width: 13 Range: 0 - 1303387000 Format: Numeric

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**OPSTRML: Opening Stock of raw Materials Local**

Data file: as974d

**Overview**

Valid: 3072 Invalid: 0 Minimum: 0 Maximum: 412300000 Mean: 930147.136 Standard deviation: 8867152.376  
 Type: Continuous Decimal: 0 Width: 13 Range: 0 - 412300000 Format: Numeric

---

**CLSTRMI: Closing Stock of raw Materials Imported**

Data file: as974d

**Overview**

Valid: 3072 Invalid: 0 Minimum: 0 Maximum: 1432865000 Mean: 3910688.905 Standard deviation: 34167243.364  
 Type: Continuous Decimal: 0 Width: 13 Range: 0 - 1432865000 Format: Numeric

---

**CLSTRML: Closing Stock of Raw Materials Local**

Data file: as974d

**Overview**

Valid: 3072 Invalid: 0 Minimum: 0 Maximum: 485500000 Mean: 1113554.824 Standard deviation: 10706617.028  
 Type: Continuous Decimal: 0 Width: 13 Range: 0 - 485500000 Format: Numeric

---

**INDSER: Receipts of Industrial Services rendered to others in Rs**

Data file: as974d

**Overview**

Valid: 3072 Invalid: 0 Minimum: 0 Maximum: 1317675000 Mean: 2745778.668 Standard deviation: 37386693.657  
 Type: Continuous Decimal: 0 Width: 13 Range: 0 - 1317675000 Format: Numeric

---

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

Data file: as974d

**Overview**

Valid: 3072 Invalid: 0 Minimum: 0 Maximum: 346124940 Mean: 826859.985 Standard deviation: 10817308.197

Type: Continuous    Decimal: 0    Width: 13    Range: 0 - 346124940    Format: Numeric

---

### **FWOOD: Firewood Consumed in Rs**

Data file: as974d

#### **Overview**

Valid: 3072    Invalid: 0    Minimum: 0    Maximum: 8642675    Mean: 154082.915    Standard deviation: 481483.175

Type: Continuous    Decimal: 0    Width: 10    Range: 0 - 8642675    Format: Numeric

---

### **COAL: Coal and Charcoal Consumed in Rs**

Data file: as974d

#### **Overview**

Valid: 3072    Invalid: 0    Minimum: 0    Maximum: 1723000    Mean: 2494.905    Standard deviation: 45889.41

Type: Continuous    Decimal: 0    Width: 10    Range: 0 - 1723000    Format: Numeric

---

### **PETROL: Petrol Consumed in Rs**

Data file: as974d

#### **Overview**

Valid: 3072    Invalid: 0    Minimum: 0    Maximum: 33000000    Mean: 69409.104    Standard deviation: 858729.105

Type: Continuous    Decimal: 0    Width: 10    Range: 0 - 33000000    Format: Numeric

---

### **DISEL: Diesel Consumed in Rs**

Data file: as974d

#### **Overview**

Valid: 3072    Invalid: 0    Minimum: 0    Maximum: 87159752    Mean: 353641.261    Standard deviation: 3038947.371

Type: Continuous    Decimal: 0    Width: 10    Range: 0 - 87159752    Format: Numeric

---

### **FURNACE: Furnace Oil Consumed in Rs**

Data file: as974d

#### **Overview**

Valid: 3072    Invalid: 0    Minimum: 0    Maximum: 1142022000    Mean: 790634.04    Standard deviation: 22072147.014

Type: Continuous    Decimal: 0    Width: 10    Range: 0 - 1142022000    Format: Numeric

---

**KERO: Kerosene Oil Consumed in Rs****Data file: as974d****Overview**

Valid: 3072   Invalid: 0   Minimum: 0   Maximum: 79460000   Mean: 35748.908   Standard deviation: 1440398.694

Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 79460000   Format: Numeric

**GAS: LPG Consumed in Rs****Data file: as974d****Overview**

Valid: 3072   Invalid: 0   Minimum: 0   Maximum: 20000000   Mean: 62302.337   Standard deviation: 770895.473

Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 20000000   Format: Numeric

**ELECTR: Electricity Consumed in Rs****Data file: as974d****Overview**

Valid: 3072   Invalid: 0   Minimum: 0   Maximum: 419197528   Mean: 1464555.945   Standard deviation: 10793932.012

Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 419197528   Format: Numeric

**WATER: Water Consumed in Rs****Data file: as974d****Overview**

Valid: 3072   Invalid: 0   Minimum: 0   Maximum: 22390349   Mean: 76764.474   Standard deviation: 728389.489

Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 22390349   Format: Numeric

**FOTHER: Other Fuel Consumed in Rs****Data file: as974d****Overview**

Valid: 3072   Invalid: 0   Minimum: 0   Maximum: 16573143   Mean: 48320.166   Standard deviation: 526931.815

Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 16573143   Format: Numeric

**OPFICAL: Book Value of Land Rs****Data file: as974d**

**Overview**

Valid: 3072 Invalid: 0 Minimum: 0 Maximum: 4620000000 Mean: 4316965.343 Standard deviation: 85455972.821  
 Type: Continuous Decimal: 0 Width: 13 Range: 0 - 4620000000 Format: Numeric

---

**OPFICAB: Book Value of Building and Other Construction Rs**

Data file: as974d

**Overview**

Valid: 3072 Invalid: 0 Minimum: 0 Maximum: 44399000000 Mean: 21191898.013 Standard deviation: 804356843.533  
 Type: Continuous Decimal: 0 Width: 13 Range: 0 - 44399000000 Format: Numeric

---

**OPFICAT: Book Value of Transport Equipment Rs**

Data file: as974d

**Overview**

Valid: 3072 Invalid: 0 Minimum: 0 Maximum: 909752000 Mean: 1503387.494 Standard deviation: 19189905.24  
 Type: Continuous Decimal: 0 Width: 13 Range: 0 - 909752000 Format: Numeric

---

**ADDFICAL: Gross Additions of Land Rs**

Data file: as974d

**Overview**

Valid: 3072 Invalid: 0 Minimum: 0 Maximum: 78000000 Mean: 319562.254 Standard deviation: 3492951.754  
 Type: Continuous Decimal: 0 Width: 13 Range: 0 - 78000000 Format: Numeric

---

**ADDFICAB: Gross Additions of Building and Other Construction Rs**

Data file: as974d

**Overview**

Valid: 3072 Invalid: 0 Minimum: 0 Maximum: 7539525774 Mean: 2916050.164 Standard deviation: 136065123.046  
 Type: Continuous Decimal: 0 Width: 13 Range: 0 - 7539525774 Format: Numeric

---

**ADDFICAM: Gross Additions of Machinery and Other Equipment Rs**

Data file: as974d

**Overview**

Valid: 3072 Invalid: 0 Minimum: -15934 Maximum: 986479000 Mean: 2251868.713 Standard deviation: 25091798.496

Type: Continuous    Decimal: 0    Width: 13    Range: -15934 - 986479000    Format: Numeric

### ADDFICAT: Gross Additions Transport Equipment Rs

Data file: as974d

#### Overview

Valid: 3072    Invalid: 0    Minimum: -407000    Maximum: 342222224    Mean: 447684.735    Standard deviation: 8328978.839

Type: Continuous    Decimal: 0    Width: 13    Range: -407000 - 342222224    Format: Numeric

### OPFICAM: Book Value of Machinery and Other Equipment Rs

Data file: as974d

#### Overview

Valid: 3072    Invalid: 0    Minimum: 0    Maximum: 28087000000    Mean: 20022491.223    Standard deviation: 511451614.564

Type: Continuous    Decimal: 0    Width: 13    Range: 0 - 28087000000    Format: Numeric

### DEPFICAL: Depreciation of Land Rs

Data file: as974d

#### Overview

Valid: 3072    Invalid: 0

Type: Discrete    Decimal: 0    Width: 13    Range: 0 - 3190758    Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		3009	97.9%
239		2	0.1%
500		1	0%
1000		33	1.1%
3112		1	0%
4789		3	0.1%
5000		1	0%
16453		1	0%
16846		6	0.2%
20779		1	0%
24504		5	0.2%
105103		1	0%

187906		1	0%
429113		1	0%
492909		2	0.1%
676076		2	0.1%
1199881		1	0%
3190758		1	0%

## DEPFICAB: Depreciation of Building and Other Construction Rs

Data file: as974d

### Overview

Valid: 3072 Invalid: 0 Minimum: 0 Maximum: 234864912 Mean: 314453.404 Standard deviation: 4465428.326

Type: Continuous Decimal: 0 Width: 13 Range: 0 - 234864912 Format: Numeric

## DEPFICAM: Depreciation of Machinery and Other Equipment Rs

Data file: as974d

### Overview

Valid: 3072 Invalid: 0 Minimum: 0 Maximum: 219184000 Mean: 1216004.358 Standard deviation: 7116428.884

Type: Continuous Decimal: 0 Width: 13 Range: 0 - 219184000 Format: Numeric

## DEPFICAT: Depreciation of Transport Equipment Rs

Data file: as974d

### Overview

Valid: 3072 Invalid: 0 Minimum: 0 Maximum: 279000000 Mean: 301857.115 Standard deviation: 5259660.769

Type: Continuous Decimal: 0 Width: 13 Range: 0 - 279000000 Format: Numeric

## EMP1A: Skilled Male No

Data file: as974d

### Overview

Valid: 3072 Invalid: 0 Minimum: 0 Maximum: 3114 Mean: 25.102 Standard deviation: 121.905

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

## EMP1B: Skilled Female No

Data file: as974d



**Overview**

Valid: 3072   Invalid: 0   Minimum: 0   Maximum: 2636   Mean: 49.46   Standard deviation: 181.387  
 Type: Continuous   Decimal: 0   Width: 6   Range: 0 - 2636   Format: Numeric

---

**SAL1: Skilled Male & Female Salaries Rs**

Data file: as974d

**Overview**

Valid: 3072   Invalid: 0   Minimum: 0   Maximum: 241877000   Mean: 3302357.079   Standard deviation: 13340996.403  
 Type: Continuous   Decimal: 0   Width: 11   Range: 0 - 241877000   Format: Numeric

---

**EMP2A: Unskilled Male No**

Data file: as974d

**Overview**

Valid: 3072   Invalid: 0   Minimum: 0   Maximum: 5843   Mean: 15.859   Standard deviation: 125.326  
 Type: Continuous   Decimal: 0   Width: 6   Range: 0 - 5843   Format: Numeric

---

**EMP2B: Unskilled Female No**

Data file: as974d

**Overview**

Valid: 3072   Invalid: 0   Minimum: 0   Maximum: 2910   Mean: 22.255   Standard deviation: 95.688  
 Type: Continuous   Decimal: 0   Width: 6   Range: 0 - 2910   Format: Numeric

---

**SAL2: Unskilled Male & Female Salaries Rs**

Data file: as974d

**Overview**

Valid: 3072   Invalid: 0   Minimum: 0   Maximum: 388944000   Mean: 1513613.615   Standard deviation: 10223118.938  
 Type: Continuous   Decimal: 0   Width: 11   Range: 0 - 388944000   Format: Numeric

---

**EMP3A: Administrative/Managerial Male No**

Data file: as974d

**Overview**

Valid: 3072   Invalid: 0   Minimum: 0   Maximum: 595   Mean: 3.151   Standard deviation: 15.499  
 Type: Continuous   Decimal: 0   Width: 6   Range: 0 - 595   Format: Numeric

---

**EMP3B: Administrative/Managerial Female No****Data file:** as974d**Overview**

Valid: 3072   Invalid: 0   Minimum: 0   Maximum: 109   Mean: 0.693   Standard deviation: 3.401  
 Type: Continuous   Decimal: 0   Width: 6   Range: 0 - 109   Format: Numeric

---

**SAL3: Administrative/Managerial Male & Female Salaries Rs****Data file:** as974d**Overview**

Valid: 3072   Invalid: 0   Minimum: 0   Maximum: 115920000   Mean: 699872.493   Standard deviation: 4493965.031  
 Type: Continuous   Decimal: 0   Width: 11   Range: 0 - 115920000   Format: Numeric

---

**EMP4A: Technical/Supervisory Male No****Data file:** as974d**Overview**

Valid: 3072   Invalid: 0   Minimum: 0   Maximum: 1313   Mean: 5.268   Standard deviation: 35.158  
 Type: Continuous   Decimal: 0   Width: 6   Range: 0 - 1313   Format: Numeric

---

**EMP4B: Technical/Supervisory Female No****Data file:** as974d**Overview**

Valid: 3072   Invalid: 0   Minimum: 0   Maximum: 474   Mean: 2.273   Standard deviation: 13.777  
 Type: Continuous   Decimal: 0   Width: 6   Range: 0 - 474   Format: Numeric

---

**SAL4: Technical/Supervisory Male & Female Salaries Rs****Data file:** as974d**Overview**

Valid: 3072   Invalid: 0   Minimum: 0   Maximum: 120360000   Mean: 655995.604   Standard deviation: 4200992.269  
 Type: Continuous   Decimal: 0   Width: 11   Range: 0 - 120360000   Format: Numeric

---

**EMP5A: Clerical & Related Male No****Data file:** as974d**Overview**

Valid: 3072   Invalid: 0   Minimum: 0   Maximum: 994   Mean: 4.454   Standard deviation: 26.844

Type: Continuous    Decimal: 0    Width: 6    Range: 0 - 994    Format: Numeric

---

### EMP5B: Clerical & Related Female No

Data file: as974d

#### Overview

Valid: 3072    Invalid: 0    Minimum: 0    Maximum: 970    Mean: 3.318    Standard deviation: 20.039  
 Type: Continuous    Decimal: 0    Width: 6    Range: 0 - 970    Format: Numeric

---

### SAL5: Clerical & Related Male & Female Salaries Rs

Data file: as974d

#### Overview

Valid: 3072    Invalid: 0    Minimum: 0    Maximum: 164976000    Mean: 538008.688    Standard deviation: 4297285.003  
 Type: Continuous    Decimal: 0    Width: 12    Range: 0 - 164976000    Format: Numeric

---

### EMP6A: Other Male No

Data file: as974d

#### Overview

Valid: 3072    Invalid: 0    Minimum: 0    Maximum: 1804    Mean: 4.223    Standard deviation: 37.885  
 Type: Continuous    Decimal: 0    Width: 6    Range: 0 - 1804    Format: Numeric

---

### EMP6B: Other Female No

Data file: as974d

#### Overview

Valid: 3072    Invalid: 0    Minimum: 0    Maximum: 329    Mean: 2.467    Standard deviation: 17.474  
 Type: Continuous    Decimal: 0    Width: 6    Range: 0 - 329    Format: Numeric

---

### SAL6: Other Male & Female Salaries Rs

Data file: as974d

#### Overview

Valid: 3072    Invalid: 0    Minimum: 0    Maximum: 89209406    Mean: 286345.33    Standard deviation: 2231896.405  
 Type: Continuous    Decimal: 0    Width: 11    Range: 0 - 89209406    Format: Numeric

---

**EMP7A: Working Proprietors and Active Partners Male No****Data file: as974d****Overview**

Valid: 3072 Invalid: 0

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

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		2090	68%
1		720	23.4%
2		150	4.9%
3		64	2.1%
4		21	0.7%
5		16	0.5%
6		6	0.2%
7		2	0.1%
9		1	0%
10		2	0.1%

**EMP7B: Working Proprietors and Active Partners Female No****Data file: as974d****Overview**

Valid: 3072 Invalid: 0

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

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		2825	92%
1		198	6.4%
2		33	1.1%
3		7	0.2%
4		4	0.1%
5		2	0.1%
8		1	0%
9		1	0%

10		1	0%
----	--	---	----

## EMP8A: Unpaid Family Workers Male No

Data file: as974d

### Overview

Valid: 3072 Invalid: 0

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

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		2758	89.8%
1		199	6.5%
2		75	2.4%
3		22	0.7%
4		8	0.3%
5		2	0.1%
6		3	0.1%
8		1	0%
9		1	0%
23		1	0%
25		1	0%
265		1	0%

## EMP8B: Unpaid Family Workers Female No

Data file: as974d

### Overview

Valid: 3072 Invalid: 0

Type: Discrete Decimal: 0 Width: 6 Range: 0 - 26 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		2871	93.5%
1		147	4.8%
2		38	1.2%

3		6	0.2%
4		2	0.1%
5		4	0.1%
6		2	0.1%
8		1	0%
26		1	0%

## FPER: Non-National Persons Engaged No

Data file: as974d

### Overview

Valid: 3072 Invalid: 0 Minimum: 0 Maximum: 189 Mean: 0.473 Standard deviation: 4.125  
 Type: Continuous Decimal: 0 Width: 5 Range: 0 - 189 Format: Numeric

## FEMP: Non-National Employees No

Data file: as974d

### Overview

Valid: 3072 Invalid: 0  
 Type: Discrete Decimal: 0 Width: 5 Range: 0 - 62 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		2915	94.9%
1		24	0.8%
2		21	0.7%
3		8	0.3%
4		41	1.3%
5		5	0.2%
6		2	0.1%
7		1	0%
8		1	0%
9		9	0.3%
11		2	0.1%
12		3	0.1%
15		32	1%
16		1	0%
17		1	0%

21		1	0%
24		1	0%
27		1	0%
30		1	0%
42		1	0%
62		1	0%

## FSAL: Non-Nationals salaries Rs Non-Nationals salaries Rs

Data file: as974d

### Overview

Valid: 3072 Invalid: 0 Minimum: 0 Maximum: 84741814 Mean: 214002.712 Standard deviation: 2345897.207

Type: Continuous Decimal: 0 Width: 11 Range: 0 - 84741814 Format: Numeric

## WEI\_83\_8: Weighting Factor

Data file: as974d

### Overview

Valid: 3072 Invalid: 0 Minimum: 0.333 Maximum: 844 Mean: 4.518 Standard deviation: 24.767

Type: Continuous Decimal: 4 Width: 8 Range: 0.333 - 844 Format: Numeric

## OPFICA: Assets at begining of the year (Rs)

Data file: as974d

### Overview

Valid: 3072 Invalid: 0 Minimum: 0 Maximum: 77573000000 Mean: 47034742.073 Standard deviation: 1405420447.255

Type: Continuous Decimal: 2 Width: 8 Range: 0 - 77573000000 Format: Numeric

## ADFICA: Gross additions to fixed assets (Rs)

Data file: as974d

### Overview

Valid: 3072 Invalid: 0 Minimum: -37669 Maximum: 7968015546 Mean: 5935165.866 Standard deviation: 147030792.459

Type: Continuous Decimal: 2 Width: 8 Range: -37669 - 7968015546 Format: Numeric

## DEFICA: Depreciation of Fixed assets for the Year Rs

Data file: as974d

**Overview**

Valid: 3072 Invalid: 0 Minimum: 0 Maximum: 309681417 Mean: 1832314.877 Standard deviation: 11603542.845  
 Type: Continuous Decimal: 2 Width: 8 Range: 0 - 309681417 Format: Numeric

---

**FUEL: Total Fuel Consumed Rs**

Data file: as974d

**Overview**

Valid: 3072 Invalid: 0 Minimum: 0 Maximum: 1260530000 Mean: 3057954.055 Standard deviation: 29075577.301  
 Type: Continuous Decimal: 2 Width: 8 Range: 0 - 1260530000 Format: Numeric

---

**OUTPUT: Value of output (Rs)**

Data file: as974d

**Overview**

Valid: 3072 Invalid: 0 Minimum: -1570007 Maximum: 29506343000 Mean: 91217656.765 Standard deviation: 731045631.04  
 Type: Continuous Decimal: 2 Width: 8 Range: -1570007 - 29506343000 Format: Numeric

---

**RAWP: Raw materials consumed (Rs)**

Data file: as974d

**Overview**

Valid: 3072 Invalid: 0 Minimum: -2200000 Maximum: 28326089000 Mean: 47695993.802 Standard deviation: 538865842.751  
 Type: Continuous Decimal: 2 Width: 8 Range: -2200000 - 28326089000 Format: Numeric

---

**INPUT: Value of input (Rs)**

Data file: as974d

**Overview**

Valid: 3072 Invalid: 0 Minimum: -1728000 Maximum: 28638805000 Mean: 51580807.842 Standard deviation: 547670593.081  
 Type: Continuous Decimal: 2 Width: 8 Range: -1728000 - 28638805000 Format: Numeric

---

**VA: Value added (Rs)**

Data file: as974d

**Overview**

Valid: 3072 Invalid: 0 Minimum: -115535780 Maximum: 15521470000 Mean: 39636848.923 Standard deviation: 405718882.867



Type: Continuous    Decimal: 2    Width: 8    Range: -115535780 - 15521470000    Format: Numeric

---

### EMPSAL: Salaries & Wages (Rs)

Data file: as974d

#### Overview

Valid: 3072    Invalid: 0    Minimum: 0    Maximum: 1084933406    Mean: 6996192.81    Standard deviation: 32147151.84

Type: Continuous    Decimal: 2    Width: 8    Range: 0 - 1084933406    Format: Numeric

---

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

Data file: as974d

#### Overview

Valid: 3072    Invalid: 0    Minimum: -3595162    Maximum: 78306800000    Mean: 51137593.063    Standard deviation: 1433001019.381

Type: Continuous    Decimal: 2    Width: 8    Range: -3595162 - 78306800000    Format: Numeric

---

### EMP1: Operatives (No)

Data file: as974d

#### Overview

Valid: 3072    Invalid: 0    Minimum: 0    Maximum: 8977    Mean: 112.676    Standard deviation: 342.034

Type: Continuous    Decimal: 2    Width: 8    Range: 0 - 8977    Format: Numeric

---

### EMP2: Other employees (No)

Data file: as974d

#### Overview

Valid: 3072    Invalid: 0    Minimum: 0    Maximum: 5419    Mean: 25.848    Standard deviation: 127.574

Type: Continuous    Decimal: 2    Width: 8    Range: 0 - 5419    Format: Numeric

---

### EMP3: Working proprietors & Active partners (No)

Data file: as974d

#### Overview

Valid: 3072    Invalid: 0    Minimum: 0    Maximum: 19    Mean: 0.584    Standard deviation: 1.138

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

---

**EMP4: Unpaid family workers (No)****Data file: as974d****Overview**

Valid: 3072   Invalid: 0   Minimum: 0   Maximum: 265   Mean: 0.365   Standard deviation: 4.948  
 Type: Continuous   Decimal: 2   Width: 8   Range: 0 - 265   Format: Numeric

---

**SALA: Salaries for Operatives Rs****Data file: as974d****Overview**

Valid: 3072   Invalid: 0   Minimum: 0   Maximum: 594468000   Mean: 4815970.694   Standard deviation: 20347703.25  
 Type: Continuous   Decimal: 2   Width: 8   Range: 0 - 594468000   Format: Numeric

---

**SALB: Salaries for Other Employees Rs****Data file: as974d****Overview**

Valid: 3072   Invalid: 0   Minimum: 0   Maximum: 490465406   Mean: 2180222.115   Standard deviation: 13114670.241  
 Type: Continuous   Decimal: 2   Width: 8   Range: 0 - 490465406   Format: Numeric

---

**EMPA: Persons engaged male (No)****Data file: as974d****Overview**

Valid: 3072   Invalid: 0   Minimum: 0   Maximum: 13336   Mean: 58.792   Standard deviation: 310.382  
 Type: Continuous   Decimal: 2   Width: 8   Range: 0 - 13336   Format: Numeric

---

**EMPB: Persons engaged female (No)****Data file: as974d****Overview**

Valid: 3072   Invalid: 0   Minimum: 0   Maximum: 3719   Mean: 80.68   Standard deviation: 257.469  
 Type: Continuous   Decimal: 2   Width: 8   Range: 0 - 3719   Format: Numeric

---

**EMPC: Persons engaged (No)****Data file: as974d****Overview**

Valid: 3072   Invalid: 0   Minimum: 0   Maximum: 14396   Mean: 139.472   Standard deviation: 440.735

Type: Continuous    Decimal: 2    Width: 8    Range: 0 - 14396    Format: Numeric

## EMPNO: Employees (No)

Data file: as974d

### Overview

Valid: 3072    Invalid: 0    Minimum: 0    Maximum: 14396    Mean: 138.524    Standard deviation: 440.314  
 Type: Continuous    Decimal: 2    Width: 8    Range: 0 - 14396    Format: Numeric

## ISIC4: Four Digit Level Industry

Data file: as974d

### Overview

Valid: 3072    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	52	1.7%
2902	2902 Chemical fertilizer & Mineral	3	0.1%
2903	2903 Salt	2	0.1%
2909	2909 Mining & Quarrying nec	23	0.7%
3111	3111 Slaughtering & Preserving meat	4	0.1%
3112	3112 Dairy products	25	0.8%
3113	3113 Canning Fruit & Vegetables	13	0.4%
3114	3114 Canning & Processing Fish	9	0.3%
3115	3115 Vegetable, Animal oils & Fats	34	1.1%
3116	3116 Grain mill products	48	1.6%
3117	3117 Bakery products	68	2.2%
3118	3118 Sugar Factories & Refineries	16	0.5%
3119	3119 Cocoa, Chocolate & Confectionery	22	0.7%
3121	3121 Food products	478	15.6%
3122	3122 Prepared animal foods	4	0.1%
3131	3131 Distilling, Rectifying spirits	8	0.3%
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	144	4.7%

3211	3211 Spinning, Weaving & Finishing	368	12%
3212	3212 Made-up textile goods	30	1%
3213	3213 Knitting mills	33	1.1%
3214	3214 Carpets & Rugs	29	0.9%
3215	3215 Cordage, Rope & Twine	34	1.1%
3219	3219 Textile nec	7	0.2%
3220	3220 Wearing Apparat	372	12.1%
3231	3231 Tanneries & Leather	9	0.3%
3232	3232 Fur Dressing & Dyeing	0	0%
3233	3233 Leather & Leather substitutes	16	0.5%
3240	3240 Footwear except Rubber or Plastic	20	0.7%
3311	3311 Saw mills & Wood mills	71	2.3%
3312	3312 Wooden & Cane products nec	26	0.8%
3319	3319 Wood & Cork products nec	31	1%
3320	3320 Furniture & Fixture	59	1.9%
3411	3411 Pulp, Paper & Paperboard	6	0.2%
3412	3412 Containers,Boxes & Paperboard	18	0.6%
3419	3419 Pulp, Paper, Paperboard items nec	12	0.4%
3420	3420 Printing & Publishing	72	2.3%
3511	3511 Basic Industrial Chemicals	8	0.3%
3512	3512 Fertilizers & Pesticides	10	0.3%
3513	3513 Synthetic fibers, Plastic materials	6	0.2%
3521	3521 Paints, Varnishes & Lacquers	10	0.3%
3522	3522 Drugs & Medicines	21	0.7%
3523	3523 Soap, Perfumes & Other toilet items	22	0.7%
3529	3529 Chemical products nec	28	0.9%
3530	3530 Petroleum refineries	2	0.1%
3540	3540 Petroleum & Coal products	0	0%
3551	3551 Tyre & Tube industries	20	0.7%
3559	3559 Rubber products nec	160	5.2%
3560	3560 Plastic products nec	59	1.9%
3610	3610 Pottary, China & Earthenware	29	0.9%
3620	3620 Glass & Glass products	9	0.3%
3691	3691 Structural clay products	118	3.8%
3692	3692 Cement, Lime & Plaster	16	0.5%
3699	3699 Non-metalic Mineral products nec	25	0.8%
3710	3710 Iron & Steel basic industries	9	0.3%
3720	3720 Non-ferrous Metal basic industries	4	0.1%
3811	3811 Cutlery & General hardware	15	0.5%

3812	3812 Metal Furniture & Fixture	19	0.6%
3813	3813 Structural Metal products	18	0.6%
3819	3819 Fabricated Metal products	49	1.6%
3821	3821 Engines & Turbines	7	0.2%
3822	3822 Agricultural Machinery & Equip..	20	0.7%
3823	3823 Metal & Wood Working Machinery	9	0.3%
3824	3824 Industrial Machinery & Equipment	0	0%
3825	3825 Computing & Accounting Machinery	1	0%
3829	3829 Machinery & Equipment nec	13	0.4%
3831	3831 Electrical Industrial Machinery	10	0.3%
3832	3832 Radio, TV & Communication Equip..	14	0.5%
3833	3833 Elect.Appliances & Housewares	7	0.2%
3839	3839 Elect.Apparatus & Supplies nec	13	0.4%
3841	3841 Ship Building & Repairing	8	0.3%
3842	3842 Railroad Equipment	2	0.1%
3843	3843 Motor Vehicles	23	0.7%
3844	3844 Motorcycles & Bicycles	5	0.2%
3849	3849 Transport equipment nec	4	0.1%
3851	3851 Professional equipment nec	2	0.1%
3852	3852 Photographic & Optical goods	11	0.4%
3853	3853 Watches & Clocks	1	0%
3901	3901 Jewellery & Related articles	30	1%
3902	3902 Musical Instruments	5	0.2%
3903	3903 Sporting & Athletic goods	7	0.2%
3909	3909 Industries nec	43	1.4%
4101	4101 Electricity	1	0%
4102	4102 Gas	0	0%
4200	4200 Water	1	0%

### ISIC3: Three Digit Level Industry

Data file: as974d

#### Overview

Valid: 3072   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	80	2.6%
2	311 Food Manufacturing	239	7.8%
3	312 Food Manufacturing	482	15.7%
4	313 Beverage Industries	20	0.7%
5	314 Tobacco Manufacturies	144	4.7%
6	321 Textiles	501	16.3%
7	322 Wearing Appara, Except Footwear	372	12.1%
8	323 Manufacturig of Leather & Products	25	0.8%
9	324 Footwear Except Rubber or Plastic	20	0.7%
10	331 Manufacture of Wood & Cork Products	128	4.2%
11	332 Manufacture of Furniture & Fixture	59	1.9%
12	341 Manufacture of Paper & Paper Products	36	1.2%
13	342 Printing Publishing	72	2.3%
14	351 Industrial Chemicals	24	0.8%
15	352 Other Chemical Products	81	2.6%
16	353 Petroleum Refineries	2	0.1%
17	354 Manufacture of Miscellaneous Products	0	0%
18	355 Rubber Products	180	5.9%
19	356 Plastic Products nec.	59	1.9%
20	361 Pottery, China & Earthenware	29	0.9%
21	362 Glass & Glass Products	9	0.3%
22	369 Other Non-metalic Products	159	5.2%
23	371 Iron & Steel Basic Industries	9	0.3%
24	372 Non-ferrous Metal Basic Industries	4	0.1%
25	381 Fabricated Metal Products	101	3.3%
26	382 Manufacture of Machinery	50	1.6%
27	383 Electrical Machinery & Supplies	44	1.4%
28	384 Transport Equipment	42	1.4%
29	385 Professional Equipment	14	0.5%
30	390 Other Manufacturing Industries	85	2.8%
31	410 Electricity, Gas & Steam	1	0%
32	420 Water Works & Supply	1	0%

## ISIC2: Two Digit Level Industry

Data file: as974d

### Overview

Valid: 3072    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	80	2.6%
2	31 Food, Beverages & Tobacco	885	28.8%
3	32 Textile, Wearing Apparel & Leather	918	29.9%
4	33 Wood, Wood Products & Furniture	187	6.1%
5	34 Paper Products, Printing & Publishing	108	3.5%
6	35 Chemicals, Petroleum, Rubber & Plastic	346	11.3%
7	36 Non-matalic Mineral Products	197	6.4%
8	37 Basic Metal Industries	13	0.4%
9	38 Metal Products, Machinery & Equipment	251	8.2%
10	39 Other Manufacturing Industries	85	2.8%
11	41 Electricity, Gas & Steam	1	0%
12	42 Water Works & Supply	1	0%

**ISIC1: One Digit Level Industry**

Data file: as974d

**Overview**

Valid: 3072    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	80	2.6%
2	3 Manufacturing	2990	97.3%
3	4 Electricity, Gas & Water	2	0.1%

**DIST:**

Data file: as974d

**Overview**

Valid: 3072    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	771	25.1%
2	Gampaha	498	16.2%
3	Kalutara	178	5.8%
4	Kandy	225	7.3%
5	Matale	113	3.7%
6	Nuwara-Eliya	155	5%
7	Galle	133	4.3%
8	Matara	112	3.6%
9	Hambantota	52	1.7%
10	Jaffna	2	0.1%
11	Mannar	0	0%
12	Vavuniya	1	0%
13	Mullativu	0	0%
14	Batticaloa	0	0%
15	Ampara	1	0%
16	Trincomalee	2	0.1%
17	Kurunegala	178	5.8%
18	Puttalam	205	6.7%
19	Anuradhapura	42	1.4%
20	Polonnaruwa	30	1%
21	Badulla	99	3.2%
22	Monaragala	25	0.8%
23	Ratnapura	145	4.7%
24	Kegalle	105	3.4%

### DIS: District

Data file: as974d

### Overview

Valid: 3072 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	771	25.1%
2	Gampaha	498	16.2%
3	Kalutara	178	5.8%
4	Kandy	225	7.3%
5	Matale	113	3.7%
6	Nuwara-Eliya	155	5%
7	Galle	133	4.3%
8	Matara	112	3.6%
9	Hambantota	52	1.7%
10	Kurunegala	178	5.8%
11	Puttalam	205	6.7%
12	Anuradhapura	42	1.4%
13	Polonnaruwa	30	1%
14	Badulla	99	3.2%
15	Monaragala	25	0.8%
16	Ratnapura	145	4.7%
17	Kegalle	105	3.4%
18	** Other	6	0.2%

## PROVINCE:

Data file: as974d

### Overview

Valid: 3072   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	1447	47.1%
2	Centreal	493	16%
3	Southern	297	9.7%
4	Nothern	3	0.1%
5	Eastern	3	0.1%
6	North-West	383	12.5%
7	North-Centreal	72	2.3%
8	Uwa	124	4%

9	Sabaragamuwa	250	8.1%
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## PROV1: Province

Data file: as974d

### Overview

Valid: 3072 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	1447	47.1%
2	Centreal	493	16%
3	Southern	297	9.7%
4	North-West	383	12.5%
5	North-Centreal	72	2.3%
6	Uwa	124	4%
7	Sabaragamuwa	250	8.1%
9	**Other	6	0.2%

## X: Total

Data file: as974d

### Overview

Valid: 3072 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		3072	100%

## Y: No. of establishments (No)

Data file: as974d

### Overview

Valid: 3072 Invalid: 0 Minimum: 1 Maximum: 1

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

### Questions and instructions

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#### CATEGORIES

Value	Category	Cases	
1		3072	100%

# Download related resources

## Questionnaires

### Annual Survey of Industries 1997 - Survey Questionnaire

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Title Annual Survey of Industries 1997 - Survey Questionnaire  
 Filename ASI SCHEDULE FOR EXCEL (english) 1997.xls

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## Reports

### Annual Report of Industries 1997 - (excluding tables)

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Title Annual Report of Industries 1997 - (excluding tables)  
 Author(s) Trade and Industries Division, Department of Census and Statistics - Sri Lanka  
 Country Sri Lanka  
 Filename Annual Report of Industries 1997 - (excluding tables).pdf

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### Study Documentation of ASI 1997 Project

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Title Study Documentation of ASI 1997 Project  
 Filename Study Documentation of ASI 1997 Project.pdf

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## Technical documents

### Annual Survey Of Industries 1997 - Variable Names for Data Processing

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Title Annual Survey Of Industries 1997 - Variable Names for Data Processing  
 Filename Variable Name for ASI Schedule.xls

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## Other materials

### Annual survey of industries 1997 - Instructions for Filling the Questionnaire

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Title Annual survey of industries 1997 - Instructions for Filling the Questionnaire  
 Filename ASI INSTRUCTION FOR 1997.xls

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