

# Sri Lanka - Annual Survey of Industries - 1992

**Department of Census and Statistics**

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## Identification

SURVEY ID NUMBER  
LKA-DCS-ASI-1992-v1.0

TITLE  
Annual Survey of Industries - 1992

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 the 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 8th of the ASI series, conducted in 1992 and the reference period is 1991. The report contains the important industrial indicators relevant to 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 1992.

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)

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

-----

$N_{ijk}$

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
1992-01-01	1992-12-31	Where financial records were kept for calander year
1992-04-01	1993-03-31	Where financial records were kept for the financial year

#### DATA COLLECTION MODE

Mail Questionnaire [mail]

#### SUPERVISION

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

#### DATA COLLECTION NOTES

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

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

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

#### DATA COLLECTORS

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

## Questionnaires

#### QUESTIONNAIRES

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

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

Inputs were the addition of value of raw materials consumed of the year 1991. (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 1991 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 1991 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
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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.

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

#### CITATION REQUIREMENTS

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#### ACCESS AUTHORITY

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

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## Metadata production

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### DDI DOCUMENT ID

DDI-LKA-DCS-ASI-1992-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

2008-05-29

### DDI DOCUMENT VERSION

Version v1.0 (May 2008)

**Data Dictionary**

<b>Data file</b>	<b>Cases</b>	<b>Variables</b>
<b>as924d</b>	3587	93



**Data file: as924d**

Cases: 3587

Variables: 93

**Variables**

ID	Name	Label	Question
V204	serno	Reference No	
V205	l_s	Industry	
V206	district	District	
V207	industry	Persons Engaged Strata	
V208	shipment	Total Product value in Rs	
V209	opstofg	Opening Stock of finished Goods in Rs	
V210	clstofg	Closing Stock of Finished Goods in Rs	
V211	rawim	Value of Raw Materials Purchased (Imported)	
V212	rawl	Value of Raw Materials Purchased (Local)	
V213	opstrmi	Opening Stock of Raw Materials Imported	
V214	opstrml	Opening Stock of raw Materials Local	
V215	clstrmi	Closing Stock of raw Materials Imported	
V216	clstrml	Closing Stock of Raw Materials Local	
V217	indser	Receipts of Industrial Services rendered to others in Rs	
V218	cindser	Cost of Industrial Services done by others in Rs	
V219	fwood	Firewood Consumed in Rs	
V220	coal	Coal and Charcoal Consumed in Rs	
V221	petrol	Petrol Consumed in Rs	
V222	disel	Diesel Consumed in Rs	
V223	furnace	Furnace Oil Consumed in Rs	
V224	kero	Kerosene Oil Consumed in Rs	
V225	gas	LPG Consumed in Rs	
V226	electr	Electricity Consumed in Rs	
V227	water	Water Consumed in Rs	
V228	fother	Other Fuel Consumed in Rs	
V229	opfical	Book Value of Land Rs	
V230	opficab	Book Value of Building and Other Construction Rs	
V231	opficat	Book Value of Transport Equipment Rs	
V232	addfical	Gross Additions of Land Rs	
V233	addficab	Gross Additions of Building and Other Construction Rs	
V234	addficam	Gross Additions of Machinery and Other Equipment Rs	
V235	addficat	Gross Additions Transport Equipment Rs	
V236	opficam	Book Value of Machinery and Other Equipment Rs	
V237	depfical	Depreciation of Land Rs	
V238	depficab	Depreciation of Building and Other Construction Rs	
V239	depficam	Depreciation of Machinery and Other Equipment Rs	
V240	depficat	Depreciation of Transport Equipment Rs	
V241	emp1a	Skilled Male No	

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

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

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Total: 93



**SERNO: Reference No****Data file: as924d****Overview**

Valid: 3587 Invalid: 0 Minimum: 10000400 Maximum: 249642400 Mean: 78973636.115 Standard deviation: 76308925.6

Type: Continuous Decimal: 0 Width: 9 Range: 10000400 - 249642400 Format: Numeric

**L\_S: Industry****Data file: as924d****Overview**

Valid: 3587 Invalid: 0

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

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
L	Large Establishments	2614	72.9%
S	Small Establishments	973	27.1%

**DISTRICT: District****Data file: as924d****Overview**

Valid: 3587 Invalid: 0

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

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	Colombo	895	25%
2	Gampaha	464	12.9%
3	Kalutara	209	5.8%
4	Kandy	293	8.2%
5	Matale	143	4%
6	Nuwara-Eliya	297	8.3%
7	Galle	125	3.5%
8	Matara	137	3.8%
9	Hambantota	56	1.6%

10	Jaffna	5	0.1%
11	Mannar	0	0%
12	Vavuniya	0	0%
13	Mullativu	0	0%
14	Batticaloa	6	0.2%
15	Ampara	5	0.1%
16	Trincomalee	7	0.2%
17	Kurunegala	256	7.1%
18	Puttalam	215	6%
19	Anuradhapura	38	1.1%
20	Polonnaruwa	24	0.7%
21	Badulla	127	3.5%
22	Monaragala	27	0.8%
23	Ratnapura	132	3.7%
24	Kegalle	126	3.5%

### INDUSTRY: Persons Engaged Strata

Data file: as924d

#### Overview

Valid: 3587 Invalid: 0 Minimum: 2901 Maximum: 4200 Mean: 3320.297 Standard deviation: 249.14  
 Type: Continuous Decimal: 0 Width: 4 Range: 2901 - 4200 Format: Numeric

### SHIPMENT: Total Product value in Rs

Data file: as924d

#### Overview

Valid: 3587 Invalid: 0 Minimum: 0 Maximum: 14039775000 Mean: 37819608.8 Standard deviation:  
 312782781.171  
 Type: Continuous Decimal: 0 Width: 13 Range: 0 - 14039775000 Format: Numeric

### OPSTOFG: Opening Stock of finished Goods in Rs

Data file: as924d

#### Overview

Valid: 3587 Invalid: 0 Minimum: 0 Maximum: 1504165000 Mean: 1947597.861 Standard deviation:  
 28253211.062  
 Type: Continuous Decimal: 0 Width: 13 Range: 0 - 1504165000 Format: Numeric

**CLSTOFG: Closing Stock of Finished Goods in Rs****Data file: as924d****Overview**

Valid: 3587 Invalid: 0 Minimum: 0 Maximum: 1264807000 Mean: 2375980.839 Standard deviation: 27233938.775  
 Type: Continuous Decimal: 0 Width: 13 Range: 0 - 1264807000 Format: Numeric

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**RAWIM: Value of Raw Materials Purchased (Imported)****Data file: as924d****Overview**

Valid: 3587 Invalid: 0 Minimum: 0 Maximum: 13105197000 Mean: 15012642.789 Standard deviation: 229809503.748  
 Type: Continuous Decimal: 0 Width: 13 Range: 0 - 13105197000 Format: Numeric

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**RAWL: Value of Raw Materials Purchased (Local)****Data file: as924d****Overview**

Valid: 3587 Invalid: 0 Minimum: 0 Maximum: 1467000000 Mean: 5858570.495 Standard deviation: 34547366.481  
 Type: Continuous Decimal: 0 Width: 13 Range: 0 - 1467000000 Format: Numeric

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**OPSTRMI: Opening Stock of Raw Materials Imported****Data file: as924d****Overview**

Valid: 3587 Invalid: 0 Minimum: 0 Maximum: 518702025 Mean: 1905827.188 Standard deviation: 14375367.815  
 Type: Continuous Decimal: 0 Width: 13 Range: 0 - 518702025 Format: Numeric

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**OPSTRML: Opening Stock of raw Materials Local****Data file: as924d****Overview**

Valid: 3587 Invalid: 0 Minimum: 0 Maximum: 307700000 Mean: 626614.368 Standard deviation: 6576371.836  
 Type: Continuous Decimal: 0 Width: 13 Range: 0 - 307700000 Format: Numeric

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**CLSTRMI: Closing Stock of raw Materials Imported****Data file: as924d**

**Overview**

Valid: 3587 Invalid: 0 Minimum: 0 Maximum: 348809160 Mean: 2034528.758 Standard deviation: 12900675.841  
 Type: Continuous Decimal: 0 Width: 13 Range: 0 - 348809160 Format: Numeric

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

Data file: as924d

**Overview**

Valid: 3587 Invalid: 0 Minimum: 0 Maximum: 185100000 Mean: 608640.274 Standard deviation: 5091791.034  
 Type: Continuous Decimal: 0 Width: 13 Range: 0 - 185100000 Format: Numeric

---

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

Data file: as924d

**Overview**

Valid: 3587 Invalid: 0 Minimum: 0 Maximum: 724241890 Mean: 1064675.454 Standard deviation: 15692061.423  
 Type: Continuous Decimal: 0 Width: 13 Range: 0 - 724241890 Format: Numeric

---

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

Data file: as924d

**Overview**

Valid: 3587 Invalid: 0 Minimum: 0 Maximum: 265627494 Mean: 277038.865 Standard deviation: 5900366.241  
 Type: Continuous Decimal: 0 Width: 13 Range: 0 - 265627494 Format: Numeric

---

**FWOOD: Firewood Consumed in Rs**

Data file: as924d

**Overview**

Valid: 3587 Invalid: 0 Minimum: 0 Maximum: 7500000 Mean: 72893.124 Standard deviation: 273718.583  
 Type: Continuous Decimal: 0 Width: 10 Range: 0 - 7500000 Format: Numeric

---

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

Data file: as924d

**Overview**

Valid: 3587 Invalid: 0 Minimum: 0 Maximum: 2526148 Mean: 2344.055 Standard deviation: 53014.211  
 Type: Continuous Decimal: 0 Width: 10 Range: 0 - 2526148 Format: Numeric

**PETROL: Petrol Consumed in Rs****Data file: as924d****Overview**

Valid: 3587 Invalid: 0 Minimum: 0 Maximum: 7500000 Mean: 31892.836 Standard deviation: 233004.08  
Type: Continuous Decimal: 0 Width: 10 Range: 0 - 7500000 Format: Numeric

---

**DISEL: Diesel Consumed in Rs****Data file: as924d****Overview**

Valid: 3587 Invalid: 0 Minimum: 0 Maximum: 458607300 Mean: 272946.798 Standard deviation:  
7847251.901  
Type: Continuous Decimal: 0 Width: 10 Range: 0 - 458607300 Format: Numeric

---

**FURNACE: Furnace Oil Consumed in Rs****Data file: as924d****Overview**

Valid: 3587 Invalid: 0 Minimum: 0 Maximum: 280086111 Mean: 235137.239 Standard deviation:  
4895645.764  
Type: Continuous Decimal: 0 Width: 10 Range: 0 - 280086111 Format: Numeric

---

**KERO: Kerosene Oil Consumed in Rs****Data file: as924d****Overview**

Valid: 3587 Invalid: 0 Minimum: 0 Maximum: 10800000 Mean: 9409.27 Standard deviation: 197336.657  
Type: Continuous Decimal: 0 Width: 10 Range: 0 - 10800000 Format: Numeric

---

**GAS: LPG Consumed in Rs****Data file: as924d****Overview**

Valid: 3587 Invalid: 0 Minimum: 0 Maximum: 15830148 Mean: 19007.345 Standard deviation: 385833.79  
Type: Continuous Decimal: 0 Width: 10 Range: 0 - 15830148 Format: Numeric

---

**ELECTR: Electricity Consumed in Rs****Data file: as924d**

**Overview**

Valid: 3587 Invalid: 0 Minimum: 0 Maximum: 180000000 Mean: 604176.442 Standard deviation:  
4138956.868  
Type: Continuous Decimal: 0 Width: 10 Range: 0 - 180000000 Format: Numeric

---

**WATER: Water Consumed in Rs**

Data file: as924d

**Overview**

Valid: 3587 Invalid: 0 Minimum: 0 Maximum: 12274328 Mean: 44555.463 Standard deviation: 428808.122  
Type: Continuous Decimal: 0 Width: 10 Range: 0 - 12274328 Format: Numeric

---

**FOTHER: Other Fuel Consumed in Rs**

Data file: as924d

**Overview**

Valid: 3587 Invalid: 0 Minimum: 0 Maximum: 416135000 Mean: 139865.049 Standard deviation: 6953644.03  
Type: Continuous Decimal: 0 Width: 10 Range: 0 - 416135000 Format: Numeric

---

**OPFICAL: Book Value of Land Rs**

Data file: as924d

**Overview**

Valid: 3587 Invalid: 0 Minimum: 0 Maximum: 234175200 Mean: 1096409.018 Standard deviation:  
9040441.686  
Type: Continuous Decimal: 0 Width: 13 Range: 0 - 234175200 Format: Numeric

---

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

Data file: as924d

**Overview**

Valid: 3587 Invalid: 0 Minimum: 0 Maximum: 1718534194 Mean: 3610400.356 Standard deviation:  
42244362.162  
Type: Continuous Decimal: 0 Width: 13 Range: 0 - 1718534194 Format: Numeric

---

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

Data file: as924d

**Overview**

Valid: 3587 Invalid: 0 Minimum: 0 Maximum: 1082149122 Mean: 990248.823 Standard deviation:  
19274720.349

Type: Continuous    Decimal: 0    Width: 13    Range: 0 - 1082149122    Format: Numeric

---

### **ADDFICAL: Gross Additions of Land Rs**

Data file: as924d

#### **Overview**

Valid: 3587    Invalid: 0    Minimum: 0    Maximum: 203523700    Mean: 158042.684    Standard deviation: 3643057.184

Type: Continuous    Decimal: 0    Width: 13    Range: 0 - 203523700    Format: Numeric

---

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

Data file: as924d

#### **Overview**

Valid: 3587    Invalid: 0    Minimum: 0    Maximum: 120931467    Mean: 264347.894    Standard deviation: 3151190.202

Type: Continuous    Decimal: 0    Width: 13    Range: 0 - 120931467    Format: Numeric

---

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

Data file: as924d

#### **Overview**

Valid: 3587    Invalid: 0    Minimum: 0    Maximum: 3561558950    Mean: 2305244.166    Standard deviation: 61514994.921

Type: Continuous    Decimal: 0    Width: 13    Range: 0 - 3561558950    Format: Numeric

---

### **ADDFICAT: Gross Additions Transport Equipment Rs**

Data file: as924d

#### **Overview**

Valid: 3587    Invalid: 0    Minimum: 0    Maximum: 287638333    Mean: 252542.716    Standard deviation: 5905895.902

Type: Continuous    Decimal: 0    Width: 13    Range: 0 - 287638333    Format: Numeric

---

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

Data file: as924d

#### **Overview**

Valid: 3587    Invalid: 0    Minimum: 0    Maximum: 63832446530    Mean: 27374775.629    Standard deviation: 1081859412.504

Type: Continuous    Decimal: 0    Width: 13    Range: 0 - 63832446530    Format: Numeric

---

**DEPFICAL: Depreciation of Land Rs****Data file: as924d****Overview**

Valid: 3587 Invalid: 0 Minimum: 0 Maximum: 3166510 Mean: 2752.826 Standard deviation: 54301.014  
 Type: Continuous Decimal: 0 Width: 13 Range: 0 - 3166510 Format: Numeric

---

**DEPFICAB: Depreciation of Building and Other Construction Rs****Data file: as924d****Overview**

Valid: 3587 Invalid: 0 Minimum: 0 Maximum: 97466754 Mean: 155343.882 Standard deviation: 1972117.712  
 Type: Continuous Decimal: 0 Width: 13 Range: 0 - 97466754 Format: Numeric

---

**DEPFICAM: Depreciation of Machinery and Other Equipment Rs****Data file: as924d****Overview**

Valid: 3587 Invalid: 0 Minimum: 0 Maximum: 2004206633 Mean: 1500115.928 Standard deviation:  
 36799036.485  
 Type: Continuous Decimal: 0 Width: 13 Range: 0 - 2004206633 Format: Numeric

---

**DEPFICAT: Depreciation of Transport Equipment Rs****Data file: as924d****Overview**

Valid: 3587 Invalid: 0 Minimum: 0 Maximum: 216417658 Mean: 171503.723 Standard deviation:  
 3804556.811  
 Type: Continuous Decimal: 0 Width: 13 Range: 0 - 216417658 Format: Numeric

---

**EMP1A: Skilled Male No****Data file: as924d****Overview**

Valid: 3587 Invalid: 0 Minimum: 0 Maximum: 3856 Mean: 20.873 Standard deviation: 111.227  
 Type: Continuous Decimal: 0 Width: 6 Range: 0 - 3856 Format: Numeric

---

**EMP1B: Skilled Female No****Data file: as924d**

**Overview**

Valid: 3587 Invalid: 0 Minimum: 0 Maximum: 2868 Mean: 38.515 Standard deviation: 149.297  
 Type: Continuous Decimal: 0 Width: 6 Range: 0 - 2868 Format: Numeric

---

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

Data file: as924d

**Overview**

Valid: 3587 Invalid: 0 Minimum: 0 Maximum: 173520000 Mean: 1586137.194 Standard deviation:  
 7098699.323  
 Type: Continuous Decimal: 0 Width: 11 Range: 0 - 173520000 Format: Numeric

---

**EMP2A: Unskilled Male No**

Data file: as924d

**Overview**

Valid: 3587 Invalid: 0 Minimum: 0 Maximum: 6718 Mean: 13.814 Standard deviation: 142.23  
 Type: Continuous Decimal: 0 Width: 6 Range: 0 - 6718 Format: Numeric

---

**EMP2B: Unskilled Female No**

Data file: as924d

**Overview**

Valid: 3587 Invalid: 0 Minimum: 0 Maximum: 2062 Mean: 18.229 Standard deviation: 73.093  
 Type: Continuous Decimal: 0 Width: 6 Range: 0 - 2062 Format: Numeric

---

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

Data file: as924d

**Overview**

Valid: 3587 Invalid: 0 Minimum: 0 Maximum: 276445510 Mean: 720401.218 Standard deviation:  
 5708656.609  
 Type: Continuous Decimal: 0 Width: 11 Range: 0 - 276445510 Format: Numeric

---

**EMP3A: Administrative/Managerial Male No**

Data file: as924d

**Overview**

Valid: 3587 Invalid: 0 Minimum: 0 Maximum: 550 Mean: 2.525 Standard deviation: 12.73  
 Type: Continuous Decimal: 0 Width: 6 Range: 0 - 550 Format: Numeric

---

**EMP3B: Administrative/Managerial Female No****Data file:** as924d**Overview**

Valid: 3587 Invalid: 0 Minimum: 0 Maximum: 131 Mean: 0.46 Standard deviation: 2.891  
 Type: Continuous Decimal: 0 Width: 6 Range: 0 - 131 Format: Numeric

---

**SAL3: Administrative/Managerial Male & Female Salaries Rs****Data file:** as924d**Overview**

Valid: 3587 Invalid: 0 Minimum: 0 Maximum: 87967403 Mean: 302847.112 Standard deviation: 2176764.563  
 Type: Continuous Decimal: 0 Width: 11 Range: 0 - 87967403 Format: Numeric

---

**EMP4A: Technical/Supervisory Male No****Data file:** as924d**Overview**

Valid: 3587 Invalid: 0 Minimum: 0 Maximum: 730 Mean: 3.568 Standard deviation: 21.809  
 Type: Continuous Decimal: 0 Width: 6 Range: 0 - 730 Format: Numeric

---

**EMP4B: Technical/Supervisory Female No****Data file:** as924d**Overview**

Valid: 3587 Invalid: 0 Minimum: 0 Maximum: 179 Mean: 1.286 Standard deviation: 6.982  
 Type: Continuous Decimal: 0 Width: 6 Range: 0 - 179 Format: Numeric

---

**SAL4: Technical/Supervisory Male & Female Salaries Rs****Data file:** as924d**Overview**

Valid: 3587 Invalid: 0 Minimum: 0 Maximum: 50799680 Mean: 245381.488 Standard deviation: 1417347.927  
 Type: Continuous Decimal: 0 Width: 11 Range: 0 - 50799680 Format: Numeric

---

**EMP5A: Clerical & Related Male No****Data file:** as924d**Overview**

Valid: 3587 Invalid: 0 Minimum: 0 Maximum: 1488 Mean: 4.797 Standard deviation: 33.821

Type: Continuous    Decimal: 0    Width: 6    Range: 0 - 1488    Format: Numeric

---

### EMP5B: Clerical & Related Female No

Data file: as924d

#### Overview

Valid: 3587    Invalid: 0    Minimum: 0    Maximum: 760    Mean: 2.912    Standard deviation: 17.585  
 Type: Continuous    Decimal: 0    Width: 6    Range: 0 - 760    Format: Numeric

---

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

Data file: as924d

#### Overview

Valid: 3587    Invalid: 0    Minimum: 0    Maximum: 114105175    Mean: 364431.953    Standard deviation: 3040446.56  
 Type: Continuous    Decimal: 0    Width: 12    Range: 0 - 114105175    Format: Numeric

---

### EMP6A: Other Male No

Data file: as924d

#### Overview

Valid: 3587    Invalid: 0    Minimum: 0    Maximum: 775    Mean: 2.988    Standard deviation: 19.105  
 Type: Continuous    Decimal: 0    Width: 6    Range: 0 - 775    Format: Numeric

---

### EMP6B: Other Female No

Data file: as924d

#### Overview

Valid: 3587    Invalid: 0    Minimum: 0    Maximum: 346    Mean: 1.681    Standard deviation: 13.35  
 Type: Continuous    Decimal: 0    Width: 6    Range: 0 - 346    Format: Numeric

---

### SAL6: Other Male & Female Salaries Rs

Data file: as924d

#### Overview

Valid: 3587    Invalid: 0    Minimum: 0    Maximum: 23600000    Mean: 125567.903    Standard deviation: 764888.396  
 Type: Continuous    Decimal: 0    Width: 11    Range: 0 - 23600000    Format: Numeric

---

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

Data file: as924d

**Overview**

Valid: 3587 Invalid: 0  
 Type: Discrete Decimal: 0 Width: 6 Range: 0 - 11 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		2339	65.2%
1		952	26.5%
2		176	4.9%
3		62	1.7%
4		34	0.9%
5		9	0.3%
6		7	0.2%
7		3	0.1%
8		1	0%
9		1	0%
10		1	0%
11		2	0.1%

**EMP7B: Working Proprietors and Active Partners Female No**

Data file: as924d

**Overview**

Valid: 3587 Invalid: 0  
 Type: Discrete Decimal: 0 Width: 6 Range: 0 - 85 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		3368	93.9%
1		170	4.7%
2		28	0.8%
3		12	0.3%
4		4	0.1%
5		2	0.1%

10		1	0%
23		1	0%
85		1	0%

## EMP8A: Unpaid Family Workers Male No

Data file: as924d

### Overview

Valid: 3587 Invalid: 0

Type: Discrete Decimal: 0 Width: 6 Range: 0 - 480 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		2958	82.5%
1		365	10.2%
2		168	4.7%
3		39	1.1%
4		23	0.6%
5		6	0.2%
6		10	0.3%
7		2	0.1%
11		2	0.1%
18		1	0%
22		1	0%
27		1	0%
35		1	0%
40		2	0.1%
110		1	0%
191		1	0%
214		1	0%
229		1	0%
238		1	0%
300		1	0%
386		1	0%
480		1	0%

**EMP8B: Unpaid Family Workers Female No**

Data file: as924d

**Overview**

Valid: 3587 Invalid: 0  
 Type: Discrete Decimal: 0 Width: 6 Range: 0 - 15 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		3215	89.6%
1		243	6.8%
2		82	2.3%
3		27	0.8%
4		6	0.2%
5		6	0.2%
6		4	0.1%
7		1	0%
8		1	0%
10		1	0%
15		1	0%

**FPER: Non-National Persons Engaged No**

Data file: as924d

**Overview**

Valid: 3587 Invalid: 0  
 Type: Discrete Decimal: 0 Width: 5 Range: 0 - 490 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		3445	96%
1		33	0.9%
2		16	0.4%
3		7	0.2%
4		2	0.1%
5		3	0.1%
7		3	0.1%

9		62	1.7%
11		2	0.1%
14		1	0%
15		3	0.1%
20		1	0%
30		1	0%
47		1	0%
52		1	0%
90		1	0%
151		1	0%
162		1	0%
205		1	0%
309		1	0%
490		1	0%

### FEMP: Non-National Employees No

Data file: as924d

#### Overview

Valid: 3587 Invalid: 0 Minimum: 0 Maximum: 1183 Mean: 0.902 Standard deviation: 21.19  
Type: Continuous Decimal: 0 Width: 5 Range: 0 - 1183 Format: Numeric

### FSAL: Non-Nationals salaries Rs

Data file: as924d

#### Overview

Valid: 3587 Invalid: 0 Minimum: 0 Maximum: 24291739 Mean: 44209.86 Standard deviation: 730660.124  
Type: Continuous Decimal: 0 Width: 11 Range: 0 - 24291739 Format: Numeric

### WEI\_83\_8: Weighting Factor

Data file: as924d

#### Overview

Valid: 3587 Invalid: 0 Minimum: 1 Maximum: 844 Mean: 4.072 Standard deviation: 19.105  
Type: Continuous Decimal: 4 Width: 8 Range: 1 - 844 Format: Numeric

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

Data file: as924d

**Overview**

Valid: 3587 Invalid: 0 Minimum: 0 Maximum: 65122021586 Mean: 33071833.825 Standard deviation: 1111331819.447  
 Type: Continuous Decimal: 2 Width: 8 Range: 0 - 65122021586 Format: Numeric

---

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

Data file: as924d

**Overview**

Valid: 3587 Invalid: 0 Minimum: 0 Maximum: 3865894384 Mean: 2980177.459 Standard deviation: 67804026.61  
 Type: Continuous Decimal: 2 Width: 8 Range: 0 - 3865894384 Format: Numeric

---

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

Data file: as924d

**Overview**

Valid: 3587 Invalid: 0 Minimum: 0 Maximum: 2063667618 Mean: 1826963.534 Standard deviation: 39459856.821  
 Type: Continuous Decimal: 2 Width: 8 Range: 0 - 2063667618 Format: Numeric

---

**FUEL: Total Fuel Consumed Rs**

Data file: as924d

**Overview**

Valid: 3587 Invalid: 0 Minimum: 0 Maximum: 458607300 Mean: 1432227.62 Standard deviation: 13507048.397  
 Type: Continuous Decimal: 2 Width: 8 Range: 0 - 458607300 Format: Numeric

---

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

Data file: as924d

**Overview**

Valid: 3587 Invalid: 0 Minimum: -270215 Maximum: 13800417000 Mean: 39312667.233 Standard deviation: 311277774.647  
 Type: Continuous Decimal: 2 Width: 8 Range: -270215 - 13800417000 Format: Numeric

---

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

Data file: as924d

**Overview**

Valid: 3587 Invalid: 0 Minimum: -13150280 Maximum: 13105197000 Mean: 20760485.809 Standard deviation: 234790943.989

Type: Continuous    Decimal: 2    Width: 8    Range: -13150280 - 13105197000    Format: Numeric

---

### INPUT: Value of input (Rs)

Data file: as924d

#### Overview

Valid: 3587    Invalid: 0    Minimum: -11324118    Maximum: 13536136400    Mean: 22469752.294    Standard deviation: 243037354.67  
 Type: Continuous    Decimal: 2    Width: 8    Range: -11324118 - 13536136400    Format: Numeric

---

### VA: Value added (Rs)

Data file: as924d

#### Overview

Valid: 3587    Invalid: 0    Minimum: -126467006    Maximum: 7032733000    Mean: 16842914.939    Standard deviation: 156236947.038  
 Type: Continuous    Decimal: 2    Width: 8    Range: -126467006 - 7032733000    Format: Numeric

---

### EMPSAL: Salaries & Wages (Rs)

Data file: as924d

#### Overview

Valid: 3587    Invalid: 0    Minimum: 0    Maximum: 667874352    Mean: 3344766.868    Standard deviation: 16508083.017  
 Type: Continuous    Decimal: 2    Width: 8    Range: 0 - 667874352    Format: Numeric

---

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

Data file: as924d

#### Overview

Valid: 3587    Invalid: 0    Minimum: -6443000    Maximum: 66924248352    Mean: 34225047.75    Standard deviation: 1140060303.129  
 Type: Continuous    Decimal: 2    Width: 8    Range: -6443000 - 66924248352    Format: Numeric

---

### EMP1: Operatives (No)

Data file: as924d

#### Overview

Valid: 3587    Invalid: 0    Minimum: 0    Maximum: 10574    Mean: 91.431    Standard deviation: 311.899  
 Type: Continuous    Decimal: 2    Width: 8    Range: 0 - 10574    Format: Numeric

---

**EMP2: Other employees (No)****Data file:** as924d**Overview**

Valid: 3587 Invalid: 0 Minimum: 0 Maximum: 3699 Mean: 20.217 Standard deviation: 95.312  
 Type: Continuous Decimal: 2 Width: 8 Range: 0 - 3699 Format: Numeric

---

**EMP3: Working proprietors & Active partners (No)****Data file:** as924d**Overview**

Valid: 3587 Invalid: 0 Minimum: 0 Maximum: 86 Mean: 0.61 Standard deviation: 1.82  
 Type: Continuous Decimal: 2 Width: 8 Range: 0 - 86 Format: Numeric

---

**EMP4: Unpaid family workers (No)****Data file:** as924d**Overview**

Valid: 3587 Invalid: 0 Minimum: 0 Maximum: 480 Mean: 1.107 Standard deviation: 13.772  
 Type: Continuous Decimal: 2 Width: 8 Range: 0 - 480 Format: Numeric

---

**SALA: Salaries for Operatives Rs****Data file:** as924d**Overview**

Valid: 3587 Invalid: 0 Minimum: 0 Maximum: 449965510 Mean: 2306538.413 Standard deviation:  
 11117023.201  
 Type: Continuous Decimal: 2 Width: 8 Range: 0 - 449965510 Format: Numeric

---

**SALB: Salaries for Other Employees Rs****Data file:** as924d**Overview**

Valid: 3587 Invalid: 0 Minimum: 0 Maximum: 217908842 Mean: 1038228.456 Standard deviation:  
 6268324.094  
 Type: Continuous Decimal: 2 Width: 8 Range: 0 - 217908842 Format: Numeric

---

**EMPA: Persons engaged male (No)****Data file:** as924d**Overview**

Valid: 3587 Invalid: 0 Minimum: 0 Maximum: 13342 Mean: 50 Standard deviation: 295.438

Type: Continuous    Decimal: 2    Width: 8    Range: 0 - 13342    Format: Numeric

---

### EMPB: Persons engaged female (No)

Data file: as924d

#### Overview

Valid: 3587    Invalid: 0    Minimum: 0    Maximum: 3307    Mean: 63.365    Standard deviation: 203.872  
 Type: Continuous    Decimal: 2    Width: 8    Range: 0 - 3307    Format: Numeric

---

### EMPC: Persons engaged (No)

Data file: as924d

#### Overview

Valid: 3587    Invalid: 0    Minimum: 0    Maximum: 14273    Mean: 113.365    Standard deviation: 389.492  
 Type: Continuous    Decimal: 2    Width: 8    Range: 0 - 14273    Format: Numeric

---

### EMPNO: Employees (No)

Data file: as924d

#### Overview

Valid: 3587    Invalid: 0    Minimum: 0    Maximum: 14273    Mean: 111.648    Standard deviation: 389.06  
 Type: Continuous    Decimal: 2    Width: 8    Range: 0 - 14273    Format: Numeric

---

### ISIC4: Four Digit Level Industry

Data file: as924d

#### Overview

Valid: 3587    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	62	1.7%
2902	2902 Chemical fertilizer & Mineral	3	0.1%
2903	2903 Salt	2	0.1%
2909	2909 Mining & Quarrying nec	31	0.9%
3111	3111 Slaughtering & Preserving meat	2	0.1%
3112	3112 Dairy products	25	0.7%
3113	3113 Canning Fruit & Vegetables	13	0.4%

3114	3114 Canning & Processing Fish	10	0.3%
3115	3115 Vegetable, Animal oils & Fats	38	1.1%
3116	3116 Grain mill products	50	1.4%
3117	3117 Bakery products	62	1.7%
3118	3118 Sugar Factories & Refineries	18	0.5%
3119	3119 Cocoa, Chocolate & Confectionery	34	0.9%
3121	3121 Food products	494	13.8%
3122	3122 Prepared animal foods	7	0.2%
3131	3131 Distilling, Rectifying spirits	11	0.3%
3132	3132 Wine industries	2	0.1%
3133	3133 Malt liquors & Malt	2	0.1%
3134	3134 Soft drinks & Carbonated waters	8	0.2%
3140	3140 Tobacco	315	8.8%
3211	3211 Spinning, Weaving & Finishing	422	11.8%
3212	3212 Made-up textile goods	52	1.4%
3213	3213 Knitting mills	47	1.3%
3214	3214 Carpets & Rugs	36	1%
3215	3215 Cordage, Rope & Twine	40	1.1%
3219	3219 Textile nec	7	0.2%
3220	3220 Wearing Apparat	460	12.8%
3231	3231 Tanneries & Leather	8	0.2%
3232	3232 Fur Dressing & Dyeing	0	0%
3233	3233 Leather & Leather substitutes	18	0.5%
3240	3240 Footwear except Rubber or Plastic	21	0.6%
3311	3311 Saw mills & Wood mills	91	2.5%
3312	3312 Wooden & Cane products nec	22	0.6%
3319	3319 Wood & Cork products nec	23	0.6%
3320	3320 Furniture & Fixture	74	2.1%
3411	3411 Pulp, Paper & Paperboard	8	0.2%
3412	3412 Containers,Boxes & Paperboard	15	0.4%
3419	3419 Pulp, Paper, Paperboard items nec	15	0.4%
3420	3420 Printing & Publishing	73	2%
3511	3511 Basic Industrial Chemicals	15	0.4%
3512	3512 Fertilizers & Pesticides	10	0.3%
3513	3513 Synthetic fibers, Plastic materials	4	0.1%
3521	3521 Paints, Varnishes & Lacquers	9	0.3%
3522	3522 Drugs & Medicines	26	0.7%
3523	3523 Soap, Perfumes & Other toilet items	20	0.6%
3529	3529 Chemical products nec	30	0.8%

3530	3530 Petroleum refineries	2	0.1%
3540	3540 Petroleum & Coal products	0	0%
3551	3551 Tyre & Tube industries	15	0.4%
3559	3559 Rubber products nec	177	4.9%
3560	3560 Plastic products nec	44	1.2%
3610	3610 Pottary, China & Earthenware	53	1.5%
3620	3620 Glass & Glass products	11	0.3%
3691	3691 Structural clay products	130	3.6%
3692	3692 Cement, Lime & Plaster	21	0.6%
3699	3699 Non-metalic Mineral products nec	25	0.7%
3710	3710 Iron & Steel basic industries	9	0.3%
3720	3720 Non-ferrous Metal basic industries	3	0.1%
3811	3811 Cutlery & General hardware	14	0.4%
3812	3812 Metal Furniture & Fixture	22	0.6%
3813	3813 Structural Metal products	21	0.6%
3819	3819 Fabricated Metal products	66	1.8%
3821	3821 Engines & Turbines	9	0.3%
3822	3822 Agricultural Machinery & Equip..	26	0.7%
3823	3823 Metal & Wood Working Machinery	0	0%
3824	3824 Industrial Machinery & Equipment	3	0.1%
3825	3825 Computing & Accounting Machinery	1	0%
3829	3829 Machinery & Equipment nec	11	0.3%
3831	3831 Electrical Industrial Machinery	11	0.3%
3832	3832 Radio, TV & Communication Equip..	9	0.3%
3833	3833 Elect.Appliances & Housewares	9	0.3%
3839	3839 Elect.Apparatus & Supplies nec	8	0.2%
3841	3841 Ship Building & Repairing	10	0.3%
3842	3842 Railroad Equipment	2	0.1%
3843	3843 Motor Vehicles	29	0.8%
3844	3844 Motorcycles & Bicycles	5	0.1%
3849	3849 Transport equipment nec	6	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	31	0.9%
3902	3902 Musical Instruments	4	0.1%
3903	3903 Sporting & Athletic goods	4	0.1%
3909	3909 Industries nec	44	1.2%
4101	4101 Electricity	1	0%

4102	4102 Gas	1	0%
4200	4200 Water	1	0%

### ISIC3: Three Digit Level industry

Data file: as924d

#### Overview

Valid: 3587 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	98	2.7%
2	311 Food Manufacturing	252	7%
3	312 Food Manufacturing	501	14%
4	313 Beverage Industries	23	0.6%
5	314 Tobacco Manufacturies	315	8.8%
6	321 Textiles	604	16.8%
7	322 Wearing Apparal, Except Footwear	460	12.8%
8	323 Manufacturig of Leather & Products	26	0.7%
9	324 Footwear Except Rubber or Plastic	21	0.6%
10	331 Manufacture of Wood & Cork Products	136	3.8%
11	332 Manufacture of Furniture & Fixture	74	2.1%
12	341 Manufacture of Paper & Paper Products	38	1.1%
13	342 Printing Publishing	73	2%
14	351 Industrial Chemicals	29	0.8%
15	352 Other Chemical Products	85	2.4%
16	353 Petroleum Refineries	2	0.1%
17	354 Manufacture of Miscellaneous Products	0	0%
18	355 Rubber Products	192	5.4%
19	356 Plastic Products nec.	44	1.2%
20	361 Pottery, China & Earthenware	53	1.5%
21	362 Glass & Glass Products	11	0.3%
22	369 Other Non-metalic Products	176	4.9%
23	371 Iron & Steel Basic Industries	9	0.3%
24	372 Non-ferrous Metal Basic Industries	3	0.1%
25	381 Fabricated Metal Products	123	3.4%

26	382 Manufacture of Machinery	50	1.4%
27	383 Electrical Machinery & Supplies	37	1%
28	384 Transport Equipment	52	1.4%
29	385 Professional Equipment	14	0.4%
30	390 Other Manufacturing Industries	83	2.3%
31	410 Electricity, Gas & Steam	2	0.1%
32	420 Water Works & Supply	1	0%

## ISIC2: Two Digit Level Industry

Data file: as924d

### Overview

Valid: 3587 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	98	2.7%
2	31 Food, Beverages & Tobacco	1091	30.4%
3	32 Textile, Wearing Apparel & Leather	1111	31%
4	33 Wood, Wood Products & Furniture	210	5.9%
5	34 Paper Products, Printing & Publishing	111	3.1%
6	35 Chemicals, Petroleum, Rubber & Plastic	352	9.8%
7	36 Non-matalic Mineral Products	240	6.7%
8	37 Basic Metal Industries	12	0.3%
9	38 Metal Products, Machinery & Equipment	276	7.7%
10	39 Other Manufacturing Industries	83	2.3%
11	41 Electricity, Gas & Steam	2	0.1%
12	42 Water Works & Supply	1	0%

## ISIC1: One digit Level Industry

Data file: as924d

### Overview

Valid: 3587 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	98	2.7%
2	3 Manufacturing	3486	97.2%
3	4 Electricity, Gas & Water	3	0.1%

### DIST:

Data file: as924d

### Overview

Valid: 3587 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	895	25%
2	Gampaha	464	12.9%
3	Kalutara	209	5.8%
4	Kandy	293	8.2%
5	Matale	143	4%
6	Nuwara-Eliya	297	8.3%
7	Galle	125	3.5%
8	Matara	137	3.8%
9	Hambantota	56	1.6%
10	Jaffna	5	0.1%
11	Mannar	0	0%
12	Vavuniya	0	0%
13	Mullativu	0	0%
14	Batticaloa	6	0.2%
15	Ampara	5	0.1%
16	Trincomalee	7	0.2%
17	Kurunegala	256	7.1%
18	Puttalam	215	6%
19	Anuradhapura	38	1.1%
20	Polonnaruwa	24	0.7%

21	Badulla	127	3.5%
22	Monaragala	27	0.8%
23	Ratnapura	132	3.7%
24	Kegalle	126	3.5%

## DIS: District

Data file: as924d

### Overview

Valid: 3587 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	895	25%
2	Gampaha	464	12.9%
3	Kalutara	209	5.8%
4	Kandy	293	8.2%
5	Matale	143	4%
6	Nuwara-Eliya	297	8.3%
7	Galle	125	3.5%
8	Matara	137	3.8%
9	Hambantota	56	1.6%
10	Kurunegala	256	7.1%
11	Puttalam	215	6%
12	Anuradhapura	38	1.1%
13	Polonnaruwa	24	0.7%
14	Badulla	127	3.5%
15	Monaragala	27	0.8%
16	Ratnapura	132	3.7%
17	Kegalle	126	3.5%
18	** Other	23	0.6%

## PROVINCE:

Data file: as924d

**Overview**

Valid: 3587 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	1568	43.7%
2	Centreal	733	20.4%
3	Southern	318	8.9%
4	Nothern	5	0.1%
5	Eastern	18	0.5%
6	North-West	471	13.1%
7	North-Centreal	62	1.7%
8	Uwa	154	4.3%
9	Sabaragamuwa	258	7.2%

**PROV1: Province**

Data file: as924d

**Overview**

Valid: 3587 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	1568	43.7%
2	Centreal	733	20.4%
3	Southern	318	8.9%
4	North-West	471	13.1%
5	North-Centreal	62	1.7%
6	Uwa	154	4.3%
7	Sabaragamuwa	258	7.2%
9	**Other	23	0.6%

**X: Total****Data file: as924d****Overview**

Valid: 3587 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		3587	100%

**Y: No. of establishments (No)****Data file: as924d****Overview**

Valid: 3587 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		3587	100%

## Download related resources

### Questionnaires

#### Annual Survey of Industries 1992 - Survey Questionnaire

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Title Annual Survey of Industries 1992 - Survey Questionnaire  
Filename ASI SCHEDULE FOR EXCEL (english) 1992.xls

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### Reports

#### Annual Report of Industries 1992 - (excluding tables)

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Title Annual Report of Industries 1992 - (excluding tables)  
Author(s) Trade and Industries Division, Department of Census and Statistics - Sri lanka  
Country Sri Lanka  
Filename ASI report 1992 .pdf

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#### Study Documentation of ASI 1992 Project

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Title Study Documentation of ASI 1992 Project  
Filename Study Documentation of ASI 1992 Project.pdf

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### Technical documents

#### Annual Survey Of Industries 1992 - Variable Names for Data Processing

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Title Annual Survey Of Industries 1992 - Variable Names for Data Processing  
Filename Variable Name for ASI Schedule.xls

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### Other materials

#### Annual survey of industries 1992 - Instructions for Filling the Questionnaire

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Title Annual survey of industries 1992 - Instructions for Filling the Questionnaire  
Filename ASI INSTRUCTION FOR 1992.xls

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