

Sri Lanka

Department of Census and Statistics

## Annual Survey of Industries - 2002

Study Documentation

November 3, 2009

# Metadata Production

Metadata Producer(s)	Department of Census and Statistics (DCS) , Minstry of Finance & Planning , Data Collection
Production Date	November 12, 2008
Version	Version v1.0 (May 2008)
Identification	DDI-LKA-DCS-ASI-2002-v1.0

This document was generated using the [IHSN Microdata Management Toolkit](#)

# Table of Contents

<a href="#">Overview.....</a>	<a href="#">1</a>
<a href="#">Scope &amp; Coverage.....</a>	<a href="#">2</a>
<a href="#">Producers &amp; Sponsors.....</a>	<a href="#">2</a>
<a href="#">Sampling.....</a>	<a href="#">2</a>
<a href="#">Data Collection.....</a>	<a href="#">3</a>
<a href="#">Accessibility.....</a>	<a href="#">7</a>
<a href="#">Rights &amp; Disclaimer.....</a>	<a href="#">8</a>
<a href="#">Files Description.....</a>	<a href="#">9</a>
<a href="#">as024d.....</a>	<a href="#">9</a>
<a href="#">Variables List.....</a>	<a href="#">10</a>
<a href="#">as024d.....</a>	<a href="#">10</a>
<a href="#">Variables Description.....</a>	<a href="#">14</a>
<a href="#">as024d.....</a>	<a href="#">14</a>
<a href="#">Documentation.....</a>	<a href="#">29</a>



Sri Lanka (2002)  
Annual Survey of Industries - 2002 (ASI 2002)

Overview	
Type	Enterprise Survey [en/oth]
Identification	LKA-DCS-ASI-2002-v1.0
Version	Production Date: 2008-05-12 Version v1.0 (May 2008) - : Full edited dataset, for internal DPD use.
Series	<p>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 restrict 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</p> <p>This survey is the 18th of the ASI series, conducted in 2002 and the reference period is 2001. The report contains the important industrial indicators relevant to the all establishments with 5 or more workers. The sample data are inflated and the non response is adjusted.</p>
<p><u>Abstract</u></p> <p>The Objectives of the Annual Survey of Industries are:</p> <ol style="list-style-type: none"> <li>1. To provide indicators of the performance and the structure of the industrial sector.</li> <li>2. To update the list of industrial establishments already available.</li> </ol>	
Kind of Data	Sample survey data [ssd]
Unit of Analysis	<p>Industrial establishments</p> <p>Statistical unit of ASI is the establishment which is defined as an 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.</p>

Scope & Coverage	
<u>Scope</u> The scope of the ASI is all 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	TRADE, INDUSTRY AND MARKETS [2], ECONOMICS [1]
<u>Geographic Coverage</u> National Coverage.	
<u>Universe</u> All industries with 5 or more persons engaged.	

Producers & Sponsors	
Primary Investigator(s)	Department of Census and Statistics, Ministry of Finance and Planning
Funding Agency/ies	Department of Census and Statistics (DCS) , Source of funds

Sampling
<u>Sampling Procedure</u> 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 will be given by (pl see the report Sample design section)  $Y(\text{hat}) = (\text{Sigma } i=1 \text{ to } 24[\text{Sigma } j=1 \text{ to } 84[\text{Sigma } k=1 \text{ to } 3 \text{ Nijk } Y_{ijk}]$

-----

nijk

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 largest establishments ( 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 the either district or province averages of the category which the establishments belongs.

**Data Collection**Data Collection  
Datesstart 2002-07-01  
end 2002-09-30

Data Collection Mode

Mail Questionnaire [mail]

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 2001 (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 2001 to 31st of March 2002) In those situations, financial year data were accepted when there was no significant difference between the two 1st quarters of both years (2001 and 2002). Otherwise estimates for the calendar year were accepted.

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 2001. (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 2001 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 2001 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.

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.

**Other Processing**

Data processing included the following steps.

1. Accepting the postal questionnaires by the Industrial Division
2. Statistical Officers visit to the non responding establishments to get the questionnaire completed.
3. Preliminary editing and marking codes
4. Entry of data
5. Correct errors in the data through SPSS.
6. Applying weights.
7. Produce tables for final report with clean data.

**Accessibility**

Access Authority	Director General (Department of Census and Statistics) , <a href="http://www.statistics.gov.lk">http://www.statistics.gov.lk</a> , <a href="mailto:dgcensus@sltnet.lk">dgcensus@sltnet.lk</a>
Contact(s)	Information Unit (Department of Census and Statistics) , <a href="http://www.statistics.gov.lk">http://www.statistics.gov.lk</a> , <a href="mailto:information@statistics.gov.lk">information@statistics.gov.lk</a> Industrial & Construction Division (Department of Census and Statistics) , <a href="http://www.statistics.gov.lk">http://www.statistics.gov.lk</a> , <a href="mailto:industries@statistics.gov.lk">industries@statistics.gov.lk</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

Department of Census and Statistics, Annual Survey of Industries 2002 [ASI 2002], 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)

### Rights & Disclaimer

#### Disclaimer

The Department of Census and Statistics bears no responsibility for any results or interpretations arising from the secondary use of the data.

Copyright

(C) 2008, Department of Census and Statistics

## Files Description

Dataset contains 1 file(s)

as024d	
# Cases	2313
# Variable(s)	88
<u>File Content</u> This file contains the data related to Industrial Survey 2002 questionnaire.	
<u>Producer</u> Department of Cesus & Statistics	

# Variables List

Dataset contains 88 variable(s)

File as024d							
#	Name	Label	Type	Format	Valid	Invalid	Question
1	<a href="#">serno</a>	Reference Number	continuous	numeric-9.0	2313	0	-
2	<a href="#">dis</a>	District	continuous	numeric-8.2	2313	0	-
3	<a href="#">prov1</a>	Province	continuous	numeric-8.2	2313	0	-
4	<a href="#">isic4</a>	Description of Industry	continuous	numeric-8.2	2313	0	-
5	<a href="#">l_s</a>	Persons engaged strata	discrete	character-1	2313	0	-
6	<a href="#">shipment</a>	Total product value 2001 (Rs. )	continuous	numeric-13.0	2313	0	-
7	<a href="#">opstofg</a>	Stock Value for finished goods- Bigining of the year (Rs.)	continuous	numeric-13.0	2313	0	-
8	<a href="#">clstofg</a>	Stock Value for finished goods- End of the year (Rs.)	continuous	numeric-13.0	2313	0	-
9	<a href="#">rawim</a>	Value of raw material purchased(Imported)	continuous	numeric-13.0	2313	0	-
10	<a href="#">rawl</a>	Value of raw material purchased(Local)	continuous	numeric-13.0	2313	0	-
11	<a href="#">opstrmi</a>	Value of stock of raw material beginning of the year(Imported)	continuous	numeric-13.0	2313	0	-
12	<a href="#">opstrml</a>	Value of stock of raw material beginning of the year(Local)	continuous	numeric-13.0	2313	0	-
13	<a href="#">clstrmi</a>	Value of stock of raw material end of the year(Imported)	continuous	numeric-13.0	2313	0	-
14	<a href="#">clstrml</a>	Value of stock of raw material end of the year(Local)	continuous	numeric-13.0	2313	0	-
15	<a href="#">indser</a>	Receipt from industrial services rendered to others(Rs.)	continuous	numeric-13.0	2313	0	-
16	<a href="#">cindser</a>	Cost of industrial services done by others.(Rs.)	continuous	numeric-13.0	2313	0	-
17	<a href="#">fwood</a>	Firewood consumed ( Rs.)	continuous	numeric-10.0	2313	0	-
18	<a href="#">coal</a>	Coal & Charcoal consumed (Rs.)	continuous	numeric-10.0	2313	0	-
19	<a href="#">petrol</a>	Petrol consumed(Rs.)	continuous	numeric-10.0	2313	0	-
20	<a href="#">diesel</a>	Diesel consumed(Rs.)	continuous	numeric-10.0	2313	0	-
21	<a href="#">furnace</a>	Furnase Oil consumed (Rs.)	continuous	numeric-10.0	2313	0	-
22	<a href="#">kero</a>	Kerosene oil consumed	continuous	numeric-10.0	2313	0	-

## Annual Survey of Industries - 2002 - Variables List

File as024d (cont.)							
#	Name	Label	Type	Format	Valid	Invalid	Question
		(Rs.)					
23	<a href="#">gas</a>	LP gas consumed (Rs.)	continuous	numeric-10.0	2313	0	-
24	<a href="#">electr</a>	Electricity consumed(Rs.)	continuous	numeric-10.0	2313	0	-
25	<a href="#">water</a>	Water consumed(Rs.)	continuous	numeric-10.0	2313	0	-
26	<a href="#">fother</a>	Other fuel consumed (Rs.)	continuous	numeric-10.0	2313	0	-
27	<a href="#">opfical</a>	Land value (Rs.)	continuous	numeric-13.0	2313	0	-
28	<a href="#">opficab</a>	Building and other construction -II	continuous	numeric-13.0	2313	0	-
29	<a href="#">opficat</a>	Transport equipment - II	continuous	numeric-13.0	2313	0	-
30	<a href="#">addfical</a>	Land value - gross additions (Rs.)	continuous	numeric-13.0	2313	0	-
31	<a href="#">addficab</a>	Building and other construction -III	continuous	numeric-13.0	2313	0	-
32	<a href="#">addficam</a>	Machinery & other equipment - III	continuous	numeric-13.0	2313	0	-
33	<a href="#">addficat</a>	Transport equipment - III	continuous	numeric-13.0	2313	0	-
34	<a href="#">opficam</a>	Machinery & other equipment - II	continuous	numeric-13.0	2313	0	-
35	<a href="#">depficab</a>	Building and other construction -IV	continuous	numeric-13.0	2313	0	-
36	<a href="#">depficam</a>	Machinery & other equipment - IV	continuous	numeric-13.0	2313	0	-
37	<a href="#">depficat</a>	Transport equipment - IV	continuous	numeric-13.0	2313	0	-
38	<a href="#">emp1a</a>	Skilled Male (No.)	continuous	numeric-6.0	2313	0	-
39	<a href="#">emp1b</a>	Skilled Female (No.)	continuous	numeric-6.0	2313	0	-
40	<a href="#">sal1</a>	Skilled Male & Female - Salaries (Rs.)	continuous	numeric-11.0	2313	0	-
41	<a href="#">emp2a</a>	Unskilled Male (No.)	continuous	numeric-6.0	2313	0	-
42	<a href="#">emp2b</a>	Unskilled Female (No.)	continuous	numeric-6.0	2313	0	-
43	<a href="#">sal2</a>	Unskilled Male & Female - Salaries (Rs.)	continuous	numeric-11.0	2313	0	-
44	<a href="#">emp3a</a>	Administrative/Managerial male (No.)	continuous	numeric-6.0	2313	0	-
45	<a href="#">emp3b</a>	Administrative/Managerial female (No.)	continuous	numeric-6.0	2313	0	-
46	<a href="#">sal3</a>	Total Administrative/Managerial - Salary (Rs.)	continuous	numeric-11.0	2313	0	-
47	<a href="#">emp4a</a>	Total Administrative/Managerial - Salary (Rs.)	continuous	numeric-6.0	2313	0	-
48	<a href="#">emp4b</a>	Technical/Supervisory Female (No.)	continuous	numeric-6.0	2313	0	-

## Annual Survey of Industries - 2002 - Variables List

File as024d (cont.)							
#	Name	Label	Type	Format	Valid	Invalid	Question
49	<a href="#">sal4</a>	Total Technical/Supervisory - Salary (Rs.)	continuous	numeric-11.0	2313	0	-
50	<a href="#">emp5a</a>	Clerical & related Male (No.)	continuous	numeric-6.0	2313	0	-
51	<a href="#">emp5b</a>	Clerical & related Female (No.)	continuous	numeric-6.0	2313	0	-
52	<a href="#">sal5</a>	Total clerical & related - Salaries (Rs.)	continuous	numeric-12.0	2313	0	-
53	<a href="#">emp6a</a>	Other Male (No.)	continuous	numeric-6.0	2313	0	-
54	<a href="#">emp6b</a>	Other Female (No.)	continuous	numeric-6.0	2313	0	-
55	<a href="#">sal6</a>	Total other - salaries (Rs.)	continuous	numeric-11.0	2313	0	-
56	<a href="#">emp7a</a>	Working proprietors & active partners - Male (No.)	discrete	numeric-6.0	2313	0	-
57	<a href="#">emp7b</a>	Working proprietors & active partners - Female (No.)	discrete	numeric-6.0	2313	0	-
58	<a href="#">emp8a</a>	Unpaid family workers - Male (No.)	discrete	numeric-6.0	2313	0	-
59	<a href="#">emp8b</a>	Unpaid family workers - Female (No.)	discrete	numeric-6.0	2313	0	-
60	<a href="#">fper</a>	Non-nationals persons engaged (No.)	discrete	numeric-5.0	2313	0	-
61	<a href="#">femp</a>	Non-national employees(No.)	discrete	numeric-5.0	2313	0	-
62	<a href="#">fsal</a>	Non-nationals salaries (Rs.)	continuous	numeric-11.0	2313	0	-
63	<a href="#">wei_83_8</a>	Weighting factor	continuous	numeric-8.4	2313	0	-
64	<a href="#">opfca</a>	Assets at beginning of the year (Rs)	continuous	numeric-8.2	2313	0	-
65	<a href="#">adfca</a>	Gross additions to fixed assets (Rs)	continuous	numeric-8.2	2313	0	-
66	<a href="#">defca</a>	Depreciation of fixed assets of the year (Rs.)	continuous	numeric-8.2	2313	0	-
67	<a href="#">fuel</a>	Total fuel consumed (Rs.)	continuous	numeric-8.2	2313	0	-
68	<a href="#">output</a>	Value of output (Rs)	continuous	numeric-8.2	2313	0	-
69	<a href="#">rawp</a>	Raw materials consumed (Rs)	continuous	numeric-8.2	2313	0	-
70	<a href="#">input</a>	Value of input (Rs)	continuous	numeric-8.2	2313	0	-
71	<a href="#">va</a>	Value added (Rs)	continuous	numeric-8.2	2313	0	-
72	<a href="#">empsal</a>	Salaries & Wages (Rs)	continuous	numeric-8.2	2313	0	-
73	<a href="#">fixend</a>	Assets at the end of the year (Rs)	continuous	numeric-8.2	2313	0	-
74	<a href="#">emp1</a>	Operatives (No)	continuous	numeric-8.2	2313	0	-



## Annual Survey of Industries - 2002 - Variables List

File as024d (cont.)							
#	Name	Label	Type	Format	Valid	Invalid	Question
75	<a href="#">emp2</a>	Other employees (No)	continuous	numeric-8.2	2313	0	-
76	<a href="#">emp3</a>	Working proprietors & Active partners (No)	continuous	numeric-8.2	2313	0	-
77	<a href="#">emp4</a>	Unpaid family workers (No)	continuous	numeric-8.2	2313	0	-
78	<a href="#">sala</a>	Salaries for Operatives (Rs.)	continuous	numeric-8.2	2313	0	-
79	<a href="#">salb</a>	Salaries for Other employees (Rs.)	continuous	numeric-8.2	2313	0	-
80	<a href="#">empa</a>	Persons engaged male (No)	continuous	numeric-8.2	2313	0	-
81	<a href="#">empb</a>	Persons engaged female (No)	continuous	numeric-8.2	2313	0	-
82	<a href="#">empc</a>	Persons engaged (No)	continuous	numeric-8.2	2313	0	-
83	<a href="#">empno</a>	Employees (No)	continuous	numeric-8.2	2313	0	-
84	<a href="#">isic3</a>	Three digits level industry	continuous	numeric-8.2	2313	0	-
85	<a href="#">isic2</a>	Two digits level industry	continuous	numeric-8.2	2313	0	-
86	<a href="#">isic1</a>	One digit level industry	continuous	numeric-8.2	2313	0	-
87	<a href="#">x</a>	Total	continuous	numeric-8.2	2313	0	-
88	<a href="#">y</a>	No. of establishments (No)	continuous	numeric-8.2	2313	0	-

# Variables Description

Dataset contains 88 variable(s)

File as024d

#1 serno: Reference Number	
Information	[Type= continuous] [Format=numeric] [Range= 10001000-249010700] [Missing=*]
Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-] [Mean=82941221.426 /-] [StdDev=79003690.186 /-]

#2 dis: District			
Information	[Type= continuous] [Format=numeric] [Range= 1-18] [Missing=*]		
Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-]		
Value	Label	Cases	Percentage
1	Colombo	526	22.7%
2	Gampaha	377	16.3%
3	Kalutara	137	5.9%
4	Kandy	149	6.4%
5	Matale	81	3.5%
6	Nuwara-Eliya	118	5.1%
7	Galle	113	4.9%
8	Matara	102	4.4%
9	Hambantota	46	2.0%
10	Kurunegala	148	6.4%
11	Puttalam	155	6.7%
12	Anuradhapura	29	1.3%
13	Polonnaruwa	28	1.2%
14	Badulla	85	3.7%
15	Monaragala	20	0.9%
16	Ratnapura	101	4.4%
17	Kegalle	92	4.0%
18	** Other	6	0.3%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

#3 prov1: Province			
Information	[Type= continuous] [Format=numeric] [Range= 1-9] [Missing=*]		
Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-]		
Value	Label	Cases	Percentage
1	Western	1040	45.0%
2	Central	348	15.0%
3	Southern	261	11.3%
4	North-West	303	13.1%

## File as024d (cont.)

## #3 prov1: Province (cont.)

Value (cont.)	Label	Cases	Percentage
5	North-Central	57	2.5%
6	Uwa	105	4.5%
7	Sabaragamuwa	193	8.3%
9	**Other	6	0.3%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

## #4 isic4: Description of Industry

Information	[Type= continuous] [Format=numeric] [Range= 2901-4200] [Missing=*]
Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-]
Frequency table not shown (87 Modalities)	

## #5 l\_s: Persons engaged strata

Information		[Type= discrete] [Format=character] [Missing=*]		
Statistics [NW/ W]		[Valid=2313 /-] [Invalid=0 /-]		
Value	Label	Cases	Percentage	
L	Establishments with 25 or more persons engaged	1528	66.1%	
S	Establishments with less than 25 persons engaged	785	33.9%	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

## #6 shipment: Total product value 2001 (Rs. )

Information	[Type= continuous] [Format=numeric] [Range= 0-39854840000] [Missing=*]
Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-] [Mean=167586149.499 /-] [StdDev=1429006436.67 /-]

## #7 opstofg: Stock Value for finished goods- Bigining of the year (Rs.)

Information	[Type= continuous] [Format=numeric] [Range= 0-4773236000] [Missing=*]
Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-] [Mean=7447265.502 /-] [StdDev=118177762.634 /-]

## #8 clstofg: Stock Value for finished goods- End of the year (Rs.)

Information	[Type= continuous] [Format=numeric] [Range= 0-5191554000] [Missing=*]
Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-] [Mean=9929849.345 /-] [StdDev=156154329.884 /-]

## #9 rawim: Value of raw material purchased(Imported)

Information	[Type= continuous] [Format=numeric] [Range= 0-39406695000] [Missing=*]
-------------	--

## File as024d (cont.)

## #9 rawim: Value of raw material purchased(Imported) (cont.)

Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-] [Mean=73722315.735 /-] [StdDev=1083940574.399 /-]
--------------------	--

## #10 rawl: Value of raw material purchased(Local)

Information	[Type= continuous] [Format=numeric] [Range= 0-1642977147] [Missing=*]
-------------	---

Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-] [Mean=20579861.642 /-] [StdDev=87381262.53 /-]
--------------------	---

## #11 opstrmi: Value of stock of raw material beginning of the year(Imported)

Information	[Type= continuous] [Format=numeric] [Range= 0-12103674000] [Missing=*]
-------------	--

Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-] [Mean=13116689.588 /-] [StdDev=266867212.685 /-]
--------------------	---

## #12 opstrml: Value of stock of raw material beginning of the year(Local)

Information	[Type= continuous] [Format=numeric] [Range= 0-716800000] [Missing=*]
-------------	--

Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-] [Mean=1698774.443 /-] [StdDev=18539639.501 /-]
--------------------	---

## #13 clstrmi: Value of stock of raw material end of the year(Imported)

Information	[Type= continuous] [Format=numeric] [Range= 0-11784041000] [Missing=*]
-------------	--

Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-] [Mean=13199950.007 /-] [StdDev=260826290.616 /-]
--------------------	---

## #14 clstrml: Value of stock of raw material end of the year(Local)

Information	[Type= continuous] [Format=numeric] [Range= 0-888700000] [Missing=*]
-------------	--

Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-] [Mean=1650990.848 /-] [StdDev=20676806.973 /-]
--------------------	---

## #15 indser: Receipt from industrial services rendered to others.(Rs.)

Information	[Type= continuous] [Format=numeric] [Range= 0-7888886845] [Missing=*]
-------------	---

Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-] [Mean=6902651.128 /-] [StdDev=171840963.494 /-]
--------------------	--

## #16 cindser: Cost of industrial services done by others.(Rs.)

Information	[Type= continuous] [Format=numeric] [Range= 0-592538681] [Missing=*]
-------------	--

Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-] [Mean=984982.16 /-] [StdDev=16417210.488 /-]
--------------------	---

## #17 fwood: Firewood consumed ( Rs.)

Information	[Type= continuous] [Format=numeric] [Range= 0-20168771] [Missing=*]
-------------	---

## File as024d (cont.)

## #17 fwood: Firewood consumed ( Rs.) (cont.)

Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-] [Mean=191857.456 /-] [StdDev=778135.304 /-]
--------------------	--

## #18 coal: Coal &amp; Charcoal consumed (Rs.)

Information	[Type= continuous] [Format=numeric] [Range= 0-867000] [Missing=*]
Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-] [Mean=959.031 /-] [StdDev=19222.384 /-]

## #19 petrol: Petrol consumed(Rs.)

Information	[Type= continuous] [Format=numeric] [Range= 0-40328000] [Missing=*]
Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-] [Mean=93878.436 /-] [StdDev=991104.028 /-]

## #20 diesel: Diesel consumed(Rs.)

Information	[Type= continuous] [Format=numeric] [Range= 0-7888000000] [Missing=*]
Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-] [Mean=4088876.787 /-] [StdDev=164049885.593 /-]

## #21 furnace: Furnase Oil consumed (Rs.)

Information	[Type= continuous] [Format=numeric] [Range= 0-1132000000] [Missing=*]
Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-] [Mean=1529936.607 /-] [StdDev=29326378.75 /-]

## #22 kero: Kerosene oil consumed (Rs.)

Information	[Type= continuous] [Format=numeric] [Range= 0-10198438] [Missing=*]
Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-] [Mean=19539.531 /-] [StdDev=296745.763 /-]

## #23 gas: LP gas consumed (Rs.)

Information	[Type= continuous] [Format=numeric] [Range= 0-80815000] [Missing=*]
Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-] [Mean=181141.693 /-] [StdDev=2461487.72 /-]

## #24 electr: Electricity consumed(Rs.)

Information	[Type= continuous] [Format=numeric] [Range= 0-927518074] [Missing=*]
Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-] [Mean=2793222.722 /-] [StdDev=22154819.585 /-]

## #25 water: Water consumed(Rs.)

Information	[Type= continuous] [Format=numeric] [Range= 0-37000000] [Missing=*]
-------------	---

## File as024d (cont.)

## #25 water: Water consumed(Rs.) (cont.)

Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-] [Mean=144785.294 /-] [StdDev=1290374.231 /-]
--------------------	---

## #26 fother: Other fuel consumed (Rs.)

Information	[Type= continuous] [Format=numeric] [Range= 0-2893000000] [Missing=*]
Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-] [Mean=1305646.032 /-] [StdDev=60154167.988 /-]

## #27 opficat: Land value (Rs.)

Information	[Type= continuous] [Format=numeric] [Range= 0-1059041150] [Missing=*]
Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-] [Mean=4872073.175 /-] [StdDev=30403479.089 /-]
Definition	Book value at the begining of the year for land - 2001 (Rs.)

## #28 opficab: Building and other construction -II

Information	[Type= continuous] [Format=numeric] [Range= 0-8010081000] [Missing=*]
Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-] [Mean=13426011.118 /-] [StdDev=173851414.796 /-]
Definition	Book value at the begining of the year 2001 for building and other construction (Rs.)

## #29 opficat: Transport equipment - II

Information	[Type= continuous] [Format=numeric] [Range= 0-799195000] [Missing=*]
Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-] [Mean=2624729.457 /-] [StdDev=25313863.057 /-]
Definition	Book value at the begining of the year 2001 for Transport equipment (Rs.)

## #30 addficat: Land value - gross additions (Rs.)

Information	[Type= continuous] [Format=numeric] [Range= 0-150000000] [Missing=*]
Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-] [Mean=305494.098 /-] [StdDev=3943070.708 /-]
Definition	Gross additins during the year for land in 2001 (Rs.)

## #31 addficab: Building and other construction -III

Information	[Type= continuous] [Format=numeric] [Range= 0-377063000] [Missing=*]
Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-] [Mean=1151818.818 /-] [StdDev=11222539.862 /-]
Definition	Gross additions of the year 2001 for building and other construction (Rs.)

## File as024d (cont.)

## #32 addficam: Machinery &amp; other equipment - III

Information	[Type= continuous] [Format=numeric] [Range= 0-1010771000] [Missing=*]
Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-] [Mean=3469817.434 /-] [StdDev=27683952.748 /-]
Definition	Gross additions of the year 2001 for Machinery & other equipment (Rs.)

## #33 addficat: Transport equipment - III

Information	[Type= continuous] [Format=numeric] [Range= 0-48121000] [Missing=*]
Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-] [Mean=327118.88 /-] [StdDev=1943886.825 /-]
Definition	Gross additions of the year 2001 for Transport equipment (Rs.)

## #34 opficam: Machinery &amp; other equipment - II

Information	[Type= continuous] [Format=numeric] [Range= 0-10077874000] [Missing=*]
Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-] [Mean=27124700.086 /-] [StdDev=236473758.794 /-]
Definition	Book value at the begining of the year 2001 for Machinery & other equipment (Rs.)

## #35 depficab: Building and other construction -IV

Information	[Type= continuous] [Format=numeric] [Range= 0-290854000] [Missing=*]
Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-] [Mean=655367.367 /-] [StdDev=6577866.534 /-]
Definition	Depreciations of the year 2001 for building and other construction (Rs.)

## #36 depficam: Machinery &amp; other equipment - IV

Information	[Type= continuous] [Format=numeric] [Range= 0-298212000] [Missing=*]
Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-] [Mean=3036067.428 /-] [StdDev=14319922.911 /-]
Definition	Depreciations of the year 2001 for Machinery & other equipment (Rs.)

## #37 depficat: Transport equipment - IV

Information	[Type= continuous] [Format=numeric] [Range= 0-94935000] [Missing=*]
Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-] [Mean=440421.356 /-] [StdDev=2881316.522 /-]
Definition	Depreciations of the year 2001 for Transport equipment (Rs.)

## #38 emp1a: Skilled Male (No.)

Information	[Type= continuous] [Format=numeric] [Range= 0-9266] [Missing=*]
Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-] [Mean=32.706 /-] [StdDev=226.06 /-]

## File as024d (cont.)

## #39 emp1b: Skilled Female (No.)

Information	[Type= continuous] [Format=numeric] [Range= 0-3361] [Missing=*]
Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-] [Mean=50.925 /-] [StdDev=218.185 /-]

## #40 sal1: Skilled Male &amp; Female - Salaries (Rs.)

Information	[Type= continuous] [Format=numeric] [Range= 0-1019000000] [Missing=*]
Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-] [Mean=5662340.705 /-] [StdDev=29635501.713 /-]

## #41 emp2a: Unskilled Male (No.)

Information	[Type= continuous] [Format=numeric] [Range= 0-2370] [Missing=*]
Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-] [Mean=15.25 /-] [StdDev=77.246 /-]

## #42 emp2b: Unskilled Female (No.)

Information	[Type= continuous] [Format=numeric] [Range= 0-3316] [Missing=*]
Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-] [Mean=21.442 /-] [StdDev=107.887 /-]

## #43 sal2: Unskilled Male &amp; Female - Salaries (Rs.)

Information	[Type= continuous] [Format=numeric] [Range= 0-368863000] [Missing=*]
Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-] [Mean=2260699.252 /-] [StdDev=12736406.065 /-]

## #44 emp3a: Administrative/Managerial male (No.)

Information	[Type= continuous] [Format=numeric] [Range= 0-684] [Missing=*]
Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-] [Mean=4.448 /-] [StdDev=22.107 /-]

## #45 emp3b: Administrative/Managerial female (No.)

Information	[Type= continuous] [Format=numeric] [Range= 0-151] [Missing=*]
Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-] [Mean=1.048 /-] [StdDev=5.666 /-]

## #46 sal3: Total Administrative/Managerial - Salary (Rs.)

Information	[Type= continuous] [Format=numeric] [Range= 0-321426000] [Missing=*]
Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-] [Mean=1672320.383 /-] [StdDev=10511735.295 /-]



## File as024d (cont.)

## #47 emp4a: Total Administrative/Managerial - Salary (Rs.)

Information	[Type= continuous] [Format=numeric] [Range= 0-916] [Missing=*]
Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-] [Mean=6.709 /-] [StdDev=32.13 /-]

## #48 emp4b: Technical/Supervisory Female (No.)

Information	[Type= continuous] [Format=numeric] [Range= 0-400] [Missing=*]
Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-] [Mean=2.821 /-] [StdDev=15.858 /-]

## #49 sal4: Total Technical/Supervisory - Salary (Rs.)

Information	[Type= continuous] [Format=numeric] [Range= 0-180000000] [Missing=*]
Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-] [Mean=1316530.734 /-] [StdDev=7812866.124 /-]

## #50 emp5a: Clerical &amp; related Male (No.)

Information	[Type= continuous] [Format=numeric] [Range= 0-1618] [Missing=*]
Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-] [Mean=5.824 /-] [StdDev=42.808 /-]

## #51 emp5b: Clerical &amp; related Female (No.)

Information	[Type= continuous] [Format=numeric] [Range= 0-1753] [Missing=*]
Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-] [Mean=4.615 /-] [StdDev=40.721 /-]

## #52 sal5: Total clerical &amp; related - Salaries (Rs.)

Information	[Type= continuous] [Format=numeric] [Range= 0-364000000] [Missing=*]
Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-] [Mean=1166390.284 /-] [StdDev=10490158.419 /-]

## #53 emp6a: Other Male (No.)

Information	[Type= continuous] [Format=numeric] [Range= 0-594] [Missing=*]
Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-] [Mean=3.731 /-] [StdDev=21.432 /-]

## #54 emp6b: Other Female (No.)

Information	[Type= continuous] [Format=numeric] [Range= 0-415] [Missing=*]
Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-] [Mean=2.169 /-] [StdDev=16.063 /-]

## File as024d (cont.)

## #55 sal6: Total other - salaries (Rs.)

Information	[Type= continuous] [Format=numeric] [Range= 0-95800000] [Missing=*]
Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-] [Mean=414900.004 /-] [StdDev=3010984.97 /-]

## #56 emp7a: Working proprietors &amp; active partners - Male (No.)

Information	[Type= discrete] [Format=numeric] [Range= 0-10] [Missing=*]
Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
0		1663	71.9%
1		444	19.2%
2		112	4.8%
3		53	2.3%
4		23	1.0%
5		9	0.4%
6		2	0.1%
7		3	0.1%
8		2	0.1%
10		2	0.1%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

## #57 emp7b: Working proprietors &amp; active partners - Female (No.)

Information	[Type= discrete] [Format=numeric] [Range= 0-12] [Missing=*]
Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
0		2143	92.7%
1		138	6.0%
2		20	0.9%
3		7	0.3%
4		3	0.1%
5		1	0.0%
12		1	0.0%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

## #58 emp8a: Unpaid family workers - Male (No.)

Information	[Type= discrete] [Format=numeric] [Range= 0-46] [Missing=*]
Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-]

## File as024d (cont.)

## #58 emp8a: Unpaid family workers - Male (No.) (cont.)

Value	Label	Cases	Percentage
0		2051	88.7%
1		157	6.8%
2		70	3.0%
3		21	0.9%
4		7	0.3%
6		4	0.2%
8		1	0.0%
27		1	0.0%
46		1	0.0%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

## #59 emp8b: Unpaid family workers - Female (No.)

Information	[Type= discrete] [Format=numeric] [Range= 0-34] [Missing=*]		
Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-]		
Value	Label	Cases	Percentage
0		2174	94.0%
1		91	3.9%
2		30	1.3%
3		11	0.5%
4		2	0.1%
5		2	0.1%
8		1	0.0%
30		1	0.0%
34		1	0.0%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

## #60 fper: Non-nationals persons engaged (No.)

Information	[Type= discrete] [Format=numeric] [Range= 0-20] [Missing=*]		
Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-]		
Value	Label	Cases	Percentage
0		2252	97.4%
1		14	0.6%
2		12	0.5%
3		9	0.4%
4		6	0.3%
5		5	0.2%
6		2	0.1%

## File as024d (cont.)

## #60 fper: Non-nationals persons engaged (No.) (cont.)

Value (cont.)	Label	Cases	Percentage
7		1	0.0%
8		4	0.2%
9		2	0.1%
10		1	0.0%
12		1	0.0%
14		1	0.0%
15		2	0.1%
20		1	0.0%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

## #61 femp: Non-national employees(No.)

Information	[Type= discrete] [Format=numeric] [Range= 0-28] [Missing=*]		
Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-]		
Value	Label	Cases	Percentage
0		2265	97.9%
1		6	0.3%
2		8	0.3%
3		8	0.3%
4		4	0.2%
5		3	0.1%
6		2	0.1%
7		3	0.1%
8		4	0.2%
9		2	0.1%
11		4	0.2%
13		1	0.0%
15		2	0.1%
28		1	0.0%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

## #62 fsal: Non-nationals salaries (Rs.)

Information	[Type= continuous] [Format=numeric] [Range= 0-78901313] [Missing=*]
Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-] [Mean=243680.504 /-] [StdDev=2717626.911 /-]

## #63 wei\_83\_8: Weighting factor

Information	[Type= continuous] [Format=numeric] [Range= 1-845] [Missing=*]
-------------	--

## File as024d (cont.)

## #63 wei\_83\_8: Weighting factor (cont.)

Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-] [Mean=5.762 /-] [StdDev=32.245 /-]
--------------------	---

## #64 opfica: Assets at beginning of the year (Rs)

Information	[Type= continuous] [Format=numeric] [Range= 0-18747605000] [Missing=*]
-------------	--

Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-] [Mean=48047513.836 /-] [StdDev=427489251.587 /-]
--------------------	---

## #65 adfica: Gross additions to fixed assets (Rs)

Information	[Type= continuous] [Format=numeric] [Range= 0-1482845000] [Missing=*]
-------------	---

Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-] [Mean=5254249.229 /-] [StdDev=39145774.024 /-]
--------------------	---

## #66 defica: Depreciation of fixed assets of the year (Rs.)

Information	[Type= continuous] [Format=numeric] [Range= 0-644521000] [Missing=*]
-------------	--

Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-] [Mean=4131856.152 /-] [StdDev=20901426.444 /-]
--------------------	---

## #67 fuel: Total fuel consumed (Rs.)

Information	[Type= continuous] [Format=numeric] [Range= 0-12004000000] [Missing=*]
-------------	--

Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-] [Mean=10349843.59 /-] [StdDev=251884029.361 /-]
--------------------	--

## #68 output: Value of output (Rs)

Information	[Type= continuous] [Format=numeric] [Range= -15852478-41800387000] [Missing=*]
-------------	--

Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-] [Mean=176971384.47 /-] [StdDev=1467674451.456 /-]
--------------------	--

## #69 rawp: Raw materials consumed (Rs)

Information	[Type= continuous] [Format=numeric] [Range= -200000-38236436000] [Missing=*]
-------------	--

Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-] [Mean=94266700.553 /-] [StdDev=1091985528.775 /-]
--------------------	--

## #70 input: Value of input (Rs)

Information	[Type= continuous] [Format=numeric] [Range= -143710-38306885000] [Missing=*]
-------------	--

Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-] [Mean=105601526.303 /-] [StdDev=1129980256.375 /-]
--------------------	---

## #71 va: Value added (Rs)

Information	[Type= continuous] [Format=numeric] [Range= -178622100-22786127000] [Missing=*]
-------------	---

## File as024d (cont.)

## #71 va: Value added (Rs) (cont.)

Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-] [Mean=71369858.167 /-] [StdDev=661786771.591 /-]
--------------------	---

## #72 empsal: Salaries &amp; Wages (Rs)

Information	[Type= continuous] [Format=numeric] [Range= 0-1778000000] [Missing=*]
-------------	---

Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-] [Mean=12493181.361 /-] [StdDev=61057110.896 /-]
--------------------	--

## #73 fixend: Assets at the end of the year (Rs)

Information	[Type= continuous] [Format=numeric] [Range= -14208015-19585929000] [Missing=*]
-------------	--

Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-] [Mean=49169906.913 /-] [StdDev=443534162.798 /-]
--------------------	---

## #74 emp1: Operatives (No)

Information	[Type= continuous] [Format=numeric] [Range= 0-9266] [Missing=*]
-------------	---

Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-] [Mean=120.323 /-] [StdDev=400.287 /-]
--------------------	--

## #75 emp2: Other employees (No)

Information	[Type= continuous] [Format=numeric] [Range= 0-5059] [Missing=*]
-------------	---

Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-] [Mean=31.365 /-] [StdDev=148.822 /-]
--------------------	---

## #76 emp3: Working proprietors &amp; Active partners (No)

Information	[Type= continuous] [Format=numeric] [Range= 0-22] [Missing=*]
-------------	---

Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-] [Mean=0.545 /-] [StdDev=1.147 /-]
--------------------	--

## #77 emp4: Unpaid family workers (No)

Information	[Type= continuous] [Format=numeric] [Range= 0-80] [Missing=*]
-------------	---

Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-] [Mean=0.332 /-] [StdDev=2.206 /-]
--------------------	--

## #78 sala: Salaries for Operatives (Rs.)

Information	[Type= continuous] [Format=numeric] [Range= 0-1019000000] [Missing=*]
-------------	---

Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-] [Mean=7923039.956 /-] [StdDev=36237731.066 /-]
--------------------	---

## #79 salb: Salaries for Other employees (Rs.)

Information	[Type= continuous] [Format=numeric] [Range= 0-759000000] [Missing=*]
-------------	--

## File as024d (cont.)

## #79 salb: Salaries for Other employees (Rs.) (cont.)

Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-] [Mean=4570141.405 /-] [StdDev=27556950.586 /-]
--------------------	---

## #80 empa: Persons engaged male (No)

Information	[Type= continuous] [Format=numeric] [Range= 0-12484] [Missing=*]
-------------	--

Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-] [Mean=69.328 /-] [StdDev=343.615 /-]
--------------------	---

## #81 empb: Persons engaged female (No)

Information	[Type= continuous] [Format=numeric] [Range= 0-4239] [Missing=*]
-------------	---

Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-] [Mean=83.237 /-] [StdDev=308.636 /-]
--------------------	---

## #82 empc: Persons engaged (No)

Information	[Type= continuous] [Format=numeric] [Range= 0-14325] [Missing=*]
-------------	--

Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-] [Mean=152.565 /-] [StdDev=521.837 /-]
--------------------	--

## #83 empno: Employees (No)

Information	[Type= continuous] [Format=numeric] [Range= 0-14325] [Missing=*]
-------------	--

Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-] [Mean=151.688 /-] [StdDev=521.956 /-]
--------------------	--

## #84 isic3: Three digits level industry

Information	[Type= continuous] [Format=numeric] [Range= 1-32] [Missing=*]
-------------	---

Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-]
--------------------	--------------------------------

Frequency table not shown (32 Modalities)

## #85 isic2: Two digits level industry

Information	[Type= continuous] [Format=numeric] [Range= 1-12] [Missing=*]
-------------	---

Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-]
--------------------	--------------------------------

Value	Label	Cases	Percentage
1	29 Other Mining	63	2.7%
2	31 Food, Beverages & Tobacco	621	26.8%
3	32 Textile, Wearing Apparel & Leather	621	26.8%
4	33 Wood, Wood Products & Furniture	144	6.2%
5	34 Paper Products, Printing & Publishing	93	4.0%
6	35 Chemicals, Petroleum, Rubber & Plastic	299	12.9%
7	36 Non-metallic Mineral Products	174	7.5%

## File as024d (cont.)

## #85 isic2: Two digits level industry (cont.)

Value (cont.)	Label	Cases	Percentage
8	37 Basic Metal Industries	9	0.4%
9	38 Metal Products, Machinery & Equipment	216	9.3%
10	39 Other Manufacturing Industries	71	3.1%
11	41 Electricity, Gas & Steam	1	0.0%
12	42 Water Works & Supply	1	0.0%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

## #86 isic1: One digit level industry

Information	[Type= continuous] [Format=numeric] [Range= 1-3] [Missing=*]		
Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-]		
Value	Label	Cases	Percentage
1	2 Mining & Quarring	63	2.7%
2	3 Manufacturing	2248	97.2%
3	4 Electricity, Gas & Water	2	0.1%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

## #87 x: Total

Information	[Type= continuous] [Format=numeric] [Range= 1-1] [Missing=*]		
Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-]		
Value	Label	Cases	Percentage
1		2313	100.0%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

## #88 y: No. of establishments (No)

Information	[Type= continuous] [Format=numeric] [Range= 1-1] [Missing=*]		
Statistics [NW/ W]	[Valid=2313 /-] [Invalid=0 /-]		
Value	Label	Cases	Percentage
1		2313	100.0%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.



# Documentation

<a href="#">Questionnaires.....</a>	29
<a href="#">Annual Survey of Industries 2002 - Questionnaire.....</a>	29
<a href="#">Annual Survey Of Industries 2002 - Variable Names for Data Processing.....</a>	29
<a href="#">Technical documents.....</a>	29
<a href="#">Annual Survey of Industry 2002 - Technical Document.....</a>	29
<a href="#">Administrative documents.....</a>	29
<a href="#">Covering Letter.....</a>	29
<a href="#">Other documents.....</a>	29
<a href="#">Annual Survey of Industry 2002 - Instruction Document.....</a>	29
<a href="#">Study Documentation of ASI 2002 Project.....</a>	29
<a href="#">Scripts and programs.....</a>	29

## Questionnaires

Annual Survey of Industries 2002 - Questionnaire, "Documentation\ASI SCHEDULE FOR EXCEL (english) 2002.pdf"

Annual Survey Of Industries 2002 - Variable Names for Data Processing, "Documentation\Variable Name for ASI Schedule.xls"

## Technical documents

Annual Survey of Industry 2002 - Technical Document, "Documentation\Technical Part for ASI 2002.pdf"

## Administrative documents

Covering Letter, "Documentation\Annual Survey letters\_02.pdf"

## Other documents

Annual Survey of Industry 2002 - Instruction Document, "Documentation\ASI INSTRUCTION FOR 2002.pdf"

Study Documentation of ASI 2002 Project, "Documentation\Study Documentation of ASI02 Project.pdf"

## Scripts and programs

Main computation program file for ASI 2002, "Documentation\Asi\_prg.pdf"