

Sri Lanka

Department of Census and Statistics, Ministry of Finance and Planning

## Annual Survey of Industries - 2009

Study Documentation

December 20, 2012

# Metadata Production

Metadata Producer(s)	Department of Census and Statistics (DCS) , Minstry of Finance & Planning , Data Collection
Production Date	December 10, 2012
Version	Version 1.0 : Full edited dataset, for internal DPD use.
Identification	DDI-LKA-DCS-ASI-2009-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="#">Data Processing &amp; Appraisal.....</a>	<a href="#">7</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="#">Asi_09_4d_NV.....</a>	<a href="#">9</a>
<a href="#">Variables List.....</a>	<a href="#">10</a>
<a href="#">Asi_09_4d_NV.....</a>	<a href="#">10</a>
<a href="#">Variables Description.....</a>	<a href="#">14</a>
<a href="#">Asi_09_4d_NV.....</a>	<a href="#">14</a>
<a href="#">Documentation.....</a>	<a href="#">35</a>



Sri Lanka (2009)  
Annual Survey of Industries - 2009 (ASI 2009)

Overview	
Identification	LKA-DCS-ASI-2009-v1.0
Version	Production Date: 2010-07-15 Version v1.0 - Full edited dataset, for internal DPD use.
Series	<p>The Department of Census and Statistics (DCS) 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) covering Mining and Quarrying, Manufacturing and Generation and Distribution of Electricity,Gas and Water. The Industrial frame generated from the Census of Industry 1983 was used to conduct the series of Annual Survey of Industries from 1984 to 2003.The frame of the new series is the register of industrial establishments which is a byproduct of Census of Industry - 2003 / 2004.</p> <p>This survey is the 24th of the ASI series, conducted in 2009 and the reference period is 2008. The report contains the important industrial indicators relevant to all establishments with 5 or more persons engaged.</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.</p> <p>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 categorised 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 3(ISIC) of the United Nations. All private sector establishments, state owned industries and industries coming within the purview of Board of Investment with 5 or more persons engaged have been covered in this survey.	
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

Sampling	
<u>Sampling Procedure</u> ASI is predominantly a postal survey . But statistical officers are sent to the non-responding establishments to get the questionnaires completed.  All industrial establishments with 5 or more persons as in the Census of Industry 2003 / 2004 was the frame (sample population) of ASI.  The whole frame was divided into two sectors as establishments with 500 or more persons engaged and establishments with "5 to 499" persons engaged. All establishments in the 500 or more sector (Census part) and a probability sample of "5 to 499" sector (Survey part) were canvassed.  This survey part was further stratified according to geographical locations, industrial activity and size. Geographical strata were 25 administrative districts. Industrial activities were defined as the industry group levels, 2 digit level of ISIC. The size classes were defined as "5-9", "10-14", "15-19", "20-24", "25-29", "30-49", "50-99", "100-149", "150-199", "200-299", "300-499", "500-999" and "1000" according to the number of people engaged and size strata was used where the number engaged exceeds 1000  There were 446 establishments in the census part and another 1922 were selected for the sample out of 24091 industries. Higher probabilities were given to select rare industries. The sample was selected systematically within the strata.  (Pl.see the Technical part under the External Resources)	
<u>Weighting</u> Determination of weights  The final weights for respondent $k$ in stratum $h$ , $W_{hk}$ , is a composite of the base weight, $W_{1hk}$ , the non-response adjustment $W_{2hk}$ and the factor to compensate for coverage errors $W_{3hk}$ such that	

$$W_{hk} = W_{1hk} * W_{2hk} * W_{3hk}$$

Base weight (  $W_{1hk}$  )

The base weight is the inverse of the probability of selection.

Non-response weight ( $W_{2hk}$ )

The non-response weight is the ratio the sample size to the total respondents .The establishments that were considered as non-respondents are those refused to participate in the survey.

Sampling Frame Error

The followings are considered as frame problems: Those establishments that cannot be located, those that were closed (they should not be included in the sampling frame), those that are out-of-scope and those that were duplicates and mergers.

## Data Collection

Data Collection Dates	start 2009-07-01 end 2009-09-30
Data Collection Mode	Mail Questionnaire [mail]

### Data Collection Notes

#### Data Collection

The first time for the districts, field officers of the department were sent to the establishments directly to collect the information. For the non responding establishments of all districts field officers had to visit quite a number of times to get the questionnaire completed. The collection of accurate data from industrial establishments is very tedious and time consuming. Sometimes officers had to visit them several times in order to get a good response.

#### Reference Period

Reference period of the survey was the calendar year 2008 (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 2008 to 31st of March 2009) In those situations, financial year data were accepted when there was no significant differences between two 1st quarters of both years (2008 and 2009). Otherwise estimates for the calendar year were accepted.

### Questionnaires

There were 20 questions in the questionnaire. The first 14 questions were on identification information. Questions 15-18 were on Inputs and Output and question number 19 and 20 were about the Investment and Labour of the establishments. The value of goods moved out, receipt from industrial services done for others and opening and closing stocks of output were collected to compile the gross output. Input were the addition of value of raw materials consumed for the year 2005, (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, Buildings and Other Constructions, Machinery and Other Equipments 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 cases of 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 2006 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 (LPGas, 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 upto the beginning of the year.

b. Gross additions to fixed assets during the year

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

Employment and Earnings

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

a. Number of persons engaged

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

b. Working proprietors and active partners

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

c. Unpaid family workers

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

d. Operatives

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

e. Other Employees

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

f. Wages and Salaries

All payments whether in cash or in kind made by the employers during the year 2006 in connection with the work done to all " employees " had been included here.

i.e.

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

ii. Wages and salaries paid during vacation sick leaves

iii. Taxes and social insurance contribution

iv. Payments in kind.

Supervision

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 compelled to visit the non responding establishment

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 Processing & Appraisal

### Data Editing

Certain fields were edited at the time of data entry.

### 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 the 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@statistics.gov.lk">dgcensus@statistics.gov.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 2007, Version 1.0"

### 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) 2009, Department of Census and Statistics

## Files Description

Dataset contains 1 file(s)

Asi_09_4d_NV	
# Cases	3030
# Variable(s)	118

# Variables List

Dataset contains 118 variable(s)

File Asi_09_4d_NV							
#	Name	Label	Type	Format	Valid	Invalid	Question
1	<a href="#">refno</a>	-	continuous	numeric-12.0	3030	0	-
2	<a href="#">estab</a>	-	discrete	numeric-6.0	3030	0	-
3	<a href="#">pro_dist</a>	-	continuous	numeric-6.0	3030	0	-
4	<a href="#">dsd</a>	-	continuous	numeric-6.0	3030	0	-
5	<a href="#">gnd</a>	-	continuous	numeric-6.0	3030	0	-
6	<a href="#">mcucps</a>	-	continuous	numeric-6.0	3030	0	-
7	<a href="#">wve</a>	-	continuous	numeric-6.0	3030	0	-
8	<a href="#">sector</a>	-	continuous	numeric-6.0	3030	0	-
9	<a href="#">industry</a>	-	continuous	numeric-6.0	3030	0	-
10	<a href="#">year</a>	-	continuous	numeric-6.0	3030	0	-
11	<a href="#">legal</a>	-	continuous	numeric-6.0	3030	0	-
12	<a href="#">shipment</a>	-	continuous	numeric-26.0	3030	0	-
13	<a href="#">opstofg</a>	-	continuous	numeric-26.0	3030	0	-
14	<a href="#">clstofg</a>	-	continuous	numeric-26.0	3030	0	-
15	<a href="#">rawim</a>	-	continuous	numeric-26.0	3030	0	-
16	<a href="#">rawl</a>	-	continuous	numeric-26.0	3030	0	-
17	<a href="#">opstrmi</a>	-	continuous	numeric-26.0	3030	0	-
18	<a href="#">opstrml</a>	-	continuous	numeric-26.0	3030	0	-
19	<a href="#">clstrmi</a>	-	continuous	numeric-26.0	3030	0	-
20	<a href="#">clstrml</a>	-	continuous	numeric-26.0	3030	0	-
21	<a href="#">indser</a>	-	continuous	numeric-26.0	3030	0	-
22	<a href="#">cindser</a>	-	continuous	numeric-26.0	3030	0	-
23	<a href="#">fwood</a>	-	continuous	numeric-26.0	3030	0	-
24	<a href="#">coal</a>	-	continuous	numeric-26.0	3030	0	-
25	<a href="#">petrol</a>	-	continuous	numeric-26.0	3030	0	-
26	<a href="#">diesel</a>	-	continuous	numeric-26.0	3030	0	-
27	<a href="#">furnace</a>	-	continuous	numeric-26.0	3030	0	-
28	<a href="#">kero</a>	-	continuous	numeric-26.0	3030	0	-
29	<a href="#">gas</a>	-	continuous	numeric-26.0	3030	0	-
30	<a href="#">electr</a>	-	continuous	numeric-26.0	3030	0	-
31	<a href="#">water</a>	-	continuous	numeric-26.0	3030	0	-
32	<a href="#">fother</a>	-	continuous	numeric-26.0	3030	0	-
33	<a href="#">fuel</a>	-	continuous	numeric-26.0	3030	0	-
34	<a href="#">opfical</a>	-	continuous	numeric-26.0	3030	0	-

## Annual Survey of Industries - 2009 - Variables List

File Asi_09_4d_NV (cont.)							
#	Name	Label	Type	Format	Valid	Invalid	Question
35	<a href="#">opficab</a>	-	continuous	numeric-26.0	3030	0	-
36	<a href="#">opficam</a>	-	continuous	numeric-26.0	3030	0	-
37	<a href="#">opficat</a>	-	continuous	numeric-26.0	3030	0	-
38	<a href="#">addfical</a>	-	continuous	numeric-26.0	3030	0	-
39	<a href="#">addficab</a>	-	continuous	numeric-26.0	3030	0	-
40	<a href="#">addficam</a>	-	continuous	numeric-26.0	3030	0	-
41	<a href="#">addficat</a>	-	continuous	numeric-26.0	3030	0	-
42	<a href="#">depficab</a>	-	continuous	numeric-26.0	3030	0	-
43	<a href="#">depficam</a>	-	continuous	numeric-26.0	3030	0	-
44	<a href="#">depficat</a>	-	continuous	numeric-26.0	3030	0	-
45	<a href="#">emp1a</a>	-	continuous	numeric-6.0	3030	0	-
46	<a href="#">emp1b</a>	-	continuous	numeric-6.0	3030	0	-
47	<a href="#">sal1</a>	-	continuous	numeric-26.0	3030	0	-
48	<a href="#">emp2a</a>	-	continuous	numeric-6.0	3030	0	-
49	<a href="#">emp2b</a>	-	continuous	numeric-6.0	3030	0	-
50	<a href="#">sal2</a>	-	continuous	numeric-26.0	3030	0	-
51	<a href="#">emp3a</a>	-	continuous	numeric-6.0	3030	0	-
52	<a href="#">emp3b</a>	-	continuous	numeric-6.0	3030	0	-
53	<a href="#">sal3</a>	-	continuous	numeric-26.0	3030	0	-
54	<a href="#">emp4a</a>	-	continuous	numeric-6.0	3030	0	-
55	<a href="#">emp4b</a>	-	continuous	numeric-6.0	3030	0	-
56	<a href="#">sal4</a>	-	continuous	numeric-26.0	3030	0	-
57	<a href="#">emp5a</a>	-	continuous	numeric-6.0	3030	0	-
58	<a href="#">emp5b</a>	-	continuous	numeric-6.0	3030	0	-
59	<a href="#">sal5</a>	-	continuous	numeric-26.0	3030	0	-
60	<a href="#">emp6a</a>	-	continuous	numeric-6.0	3030	0	-
61	<a href="#">emp6b</a>	-	continuous	numeric-6.0	3030	0	-
62	<a href="#">sal6</a>	-	continuous	numeric-26.0	3030	0	-
63	<a href="#">emp7a</a>	-	continuous	numeric-6.0	3030	0	-
64	<a href="#">emp7b</a>	-	discrete	numeric-6.0	3030	0	-
65	<a href="#">emp8a</a>	-	continuous	numeric-6.0	3030	0	-
66	<a href="#">emp8b</a>	-	continuous	numeric-6.0	3030	0	-
67	<a href="#">empa</a>	Persons engaged male (No.)	continuous	numeric-6.0	3030	0	-
68	<a href="#">empb</a>	Persons engaged female (No.)	continuous	numeric-6.0	3030	0	-
69	<a href="#">empc</a>	Persons engaged (No.)	continuous	numeric-6.0	3030	0	-
70	<a href="#">sal</a>	-	continuous	numeric-26.0	3030	0	-

## Annual Survey of Industries - 2009 - Variables List

File Asi_09_4d_NV (cont.)							
#	Name	Label	Type	Format	Valid	Invalid	Question
71	<a href="#">fper</a>	-	continuous	numeric-6.0	3030	0	-
72	<a href="#">femp</a>	-	continuous	numeric-6.0	3030	0	-
73	<a href="#">fsal</a>	-	continuous	numeric-26.0	3030	0	-
74	<a href="#">noof</a>	-	discrete	character-14	3030	0	-
75	<a href="#">q21</a>	-	discrete	character-10	2749	0	-
76	<a href="#">q221</a>	-	discrete	numeric-1.0	3030	0	-
77	<a href="#">q222</a>	-	discrete	numeric-1.0	3030	0	-
78	<a href="#">q223</a>	-	discrete	numeric-1.0	3030	0	-
79	<a href="#">q224</a>	-	discrete	numeric-1.0	3030	0	-
80	<a href="#">q225</a>	-	discrete	numeric-1.0	3030	0	-
81	<a href="#">q226</a>	-	discrete	numeric-1.0	3030	0	-
82	<a href="#">q227</a>	-	discrete	numeric-1.0	3030	0	-
83	<a href="#">q228</a>	-	discrete	numeric-1.0	3030	0	-
84	<a href="#">q229</a>	-	discrete	numeric-1.0	3030	0	-
85	<a href="#">PA</a>	Persons engaged male (No.)	continuous	numeric-8.2	3030	0	-
86	<a href="#">PB</a>	Persons engaged female (No.)	continuous	numeric-8.2	3030	0	-
87	<a href="#">PC</a>	Persons engaged (No.)	continuous	numeric-8.2	3030	0	-
88	<a href="#">PC_cat</a>	-	discrete	numeric-8.2	3030	0	-
89	<a href="#">Main</a>	-	discrete	numeric-8.2	3030	0	-
90	<a href="#">Weight_09</a>	-	continuous	numeric-10.3	3030	0	-
91	<a href="#">Ref_13_2</a>	-	discrete	numeric-4.0	3030	0	-
92	<a href="#">opfica</a>	Assets at beginning of the year (Rs.)	continuous	numeric-8.2	3030	0	-
93	<a href="#">adfica</a>	Gross additions to fixed assets (Rs.)	continuous	numeric-8.2	3030	0	-
94	<a href="#">defica</a>	-	continuous	numeric-8.2	3030	0	-
95	<a href="#">output</a>	Value of output (Rs.)	continuous	numeric-8.2	3030	0	-
96	<a href="#">rawp</a>	Raw materials consumed (Rs.)	continuous	numeric-8.2	3030	0	-
97	<a href="#">input</a>	Value of input (Rs.)	continuous	numeric-8.2	3030	0	-
98	<a href="#">va</a>	Value added (Rs.)	continuous	numeric-8.2	3030	0	-
99	<a href="#">empsal</a>	Salaries & Wages (Rs.)	continuous	numeric-8.2	3030	0	-
100	<a href="#">fixend</a>	Assets at the end of the year (Rs.)	continuous	numeric-8.2	3030	0	-
101	<a href="#">emp1</a>	Operatives (No.)	continuous	numeric-8.2	3030	0	-
102	<a href="#">emp2</a>	Other employees (No.)	continuous	numeric-8.2	3030	0	-
103	<a href="#">emp3</a>	Working proprietors & Active partners (No.)	continuous	numeric-8.2	3030	0	-



## Annual Survey of Industries - 2009 - Variables List

File Asi_09_4d_NV (cont.)							
#	Name	Label	Type	Format	Valid	Invalid	Question
104	<a href="#">emp4</a>	Unpaid family workers (No.)	continuous	numeric-8.2	3030	0	-
105	<a href="#">sala</a>	-	continuous	numeric-8.2	3030	0	-
106	<a href="#">salb</a>	-	continuous	numeric-8.2	3030	0	-
107	<a href="#">empno</a>	Employees (No.)	continuous	numeric-8.2	3030	0	-
108	<a href="#">isic4</a>	-	discrete	numeric-8.2	3030	0	-
109	<a href="#">isic3</a>	-	discrete	numeric-8.2	3030	0	-
110	<a href="#">isic2</a>	-	discrete	numeric-8.2	3030	0	-
111	<a href="#">isic1</a>	-	discrete	numeric-8.2	3030	0	-
112	<a href="#">dist</a>	-	discrete	numeric-8.2	3030	0	-
113	<a href="#">province</a>	-	discrete	numeric-8.2	3030	0	-
114	<a href="#">X</a>	Total	discrete	numeric-8.2	3030	0	-
115	<a href="#">y</a>	No. of establishments	discrete	numeric-8.2	3030	0	-
116	<a href="#">empc_ct</a>	-	discrete	numeric-8.2	3030	0	-
117	<a href="#">z</a>	-	discrete	numeric-8.2	3030	0	-
118	<a href="#">out_ct</a>	Size class - Value of output (Rs)	discrete	numeric-8.2	3030	0	-

# Variables Description

Dataset contains 118 variable(s)

File Asi\_09\_4d\_NV

#1 refno	
Information	[Type= continuous] [Format=numeric] [Range= 111014120182-924040104000] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=353763405693.989 /-] [StdDev=276439960890.503 /-]

#2 estab			
Information	[Type= discrete] [Format=numeric] [Range= 0-4] [Missing=*]		
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-]		
Value	Label	Cases	Percentage
0		12	0.4%
1	Head office & factory No other office	2080	68.6%
2	Head office & factory	242	8.0%
3	Factory only	663	21.9%
4	Head office only	33	1.1%

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.

#3 pro_dist			
Information	[Type= continuous] [Format=numeric] [Range= 11-92] [Missing=*]		
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=35.025 /-] [StdDev=27.66 /-]		
Value	Label	Cases	Percentage
11	Colombo	534	17.6%
12	Gampaha	495	16.3%
13	Kalutara	236	7.8%
21	Kandy	209	6.9%
22	Matale	68	2.2%
23	Nuwara-Eliya	134	4.4%
31	Galle	178	5.9%
32	Matara	151	5.0%
33	Hambantota	37	1.2%
41	Jaffna	48	1.6%
42	Mannar	4	0.1%
43	Vavuniya	8	0.3%
44	Mullaitivu	1	0.0%
45	Killinochchi	0	0.0%
51	Batticaloa	27	0.9%
52	Ampara	38	1.3%
53	Trincomalee	9	0.3%

## File Asi\_09\_4d\_NV (cont.)

## #3 pro\_dist

Value (cont.)	Label	Cases	Percentage
61	Kurunegala	190	6.3%
62	Puttalam	140	4.6%
71	Anuradhapura	57	1.9%
72	Polonnaruwa	56	1.8%
81	Badulla	111	3.7%
82	Moneragala	35	1.2%
91	Ratnapura	147	4.9%
92	Kegalle	117	3.9%

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.

## #4 dsd

Information	[Type= continuous] [Format=numeric] [Range= 3-87] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=23.775 /-] [StdDev=16.575 /-]

## #5 gnd

Information	[Type= continuous] [Format=numeric] [Range= 0-9999] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=171.785 /-] [StdDev=256.621 /-]

## #6 mcucps

Information	[Type= continuous] [Format=numeric] [Range= 0-999] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=32.901 /-] [StdDev=32.105 /-]

## #7 wve

Information	[Type= continuous] [Format=numeric] [Range= 0-9999] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=173.438 /-] [StdDev=497.907 /-]

## #8 sector

Information		[Type= continuous] [Format=numeric] [Range= 0-1546] [Missing=*]	
Statistics [NW/ W]		[Valid=3030 /-] [Invalid=0 /-] [Mean=1.813 /-] [StdDev=28.074 /-]	
Value	Label	Cases	Percentage
1	Private	2457	<div></div> 81.8%
2	Board of Investment	343	<div></div> 11.4%
3	Government Departmental Establishment	60	<div></div> 2.0%
4	Corporation or Board	110	<div></div> 3.7%

## File Asi\_09\_4d\_NV (cont.)

## #8 sector

Value (cont.)	Label	Cases	Percentage
5	Government Owned Business Undertaking	34	1.1%

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.

## #9 industry

Information	[Type= continuous] [Format=numeric] [Range= 1411-4100] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=2141.976 /-] [StdDev=671.368 /-]
Frequency table not shown (182 Modalities)	

## #10 year

Information	[Type= continuous] [Format=numeric] [Range= 0-9999] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=3215.173 /-] [StdDev=3044.818 /-]

## #11 legal

Information		[Type= continuous] [Format=numeric] [Range= 0-2520] [Missing=*]	
Statistics [NW/ W]		[Valid=3030 /-] [Invalid=0 /-] [Mean=3.282 /-] [StdDev=45.757 /-]	
Value	Label	Cases	Percentage
1	Individual ownership	1066	<div></div> 35.3%
2	Partnership	291	<div></div> 9.6%
3	Private Limited Liability Co.	1280	<div></div> 42.4%
4	Public Limited Liability Co.	185	<div></div> 6.1%
5	Co-operative Society	37	<div></div> 1.2%
6	State Corporation	87	<div></div> 2.9%
7	Other (Specify)	70	<div></div> 2.3%

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.

## #12 shipment

Information	[Type= continuous] [Format=numeric] [Range= 0-159545099000] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=379542876.777 /-] [StdDev=3519101260.334 /-]

## #13 opstofg

Information	[Type= continuous] [Format=numeric] [Range= 0-23590960000] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=17452461.237 /-] [StdDev=431438958.503 /-]

## File Asi\_09\_4d\_NV (cont.)

## #14 clstofg

Information	[Type= continuous] [Format=numeric] [Range= 0-23489294000] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=21146773.176 /-] [StdDev=451178563.025 /-]

## #15 rawim

Information	[Type= continuous] [Format=numeric] [Range= 0-144766120000] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=152878965.801 /-] [StdDev=2770647526.589 /-]

## #16 rawl

Information	[Type= continuous] [Format=numeric] [Range= 0-7868502000] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=62130772.515 /-] [StdDev=286106508.499 /-]

## #17 opstrmi

Information	[Type= continuous] [Format=numeric] [Range= 0-14580380000] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=18791483.742 /-] [StdDev=286562269.94 /-]

## #18 opstrml

Information	[Type= continuous] [Format=numeric] [Range= 0-675889787] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=5363089.099 /-] [StdDev=32405636.893 /-]

## #19 clstrmi

Information	[Type= continuous] [Format=numeric] [Range= 0-6565150000] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=17835742.811 /-] [StdDev=165134464.933 /-]

## #20 clstrml

Information	[Type= continuous] [Format=numeric] [Range= 0-891127000] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=6344380.801 /-] [StdDev=42812554.005 /-]

## #21 indser

Information	[Type= continuous] [Format=numeric] [Range= 0-6636525276] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=5070852.828 /-] [StdDev=123384268.511 /-]

## File Asi\_09\_4d\_NV (cont.)

## #22 cindser

Information	[Type= continuous] [Format=numeric] [Range= 0-4616544559] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=3680606.701 /-] [StdDev=88813481.463 /-]

## #23 fwood

Information	[Type= continuous] [Format=numeric] [Range= 0-941746995] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=900797.764 /-] [StdDev=17326762.925 /-]

## #24 coal

Information	[Type= continuous] [Format=numeric] [Range= 0-168625000] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=136030.002 /-] [StdDev=3896196.714 /-]

## #25 petrol

Information	[Type= continuous] [Format=numeric] [Range= 0-194220000] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=344888.62 /-] [StdDev=4591591.707 /-]

## #26 diesel

Information	[Type= continuous] [Format=numeric] [Range= 0-35537000000] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=13419286.217 /-] [StdDev=645659309.476 /-]

## #27 furnace

Information	[Type= continuous] [Format=numeric] [Range= 0-1567765000] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=2612370.164 /-] [StdDev=35947830.113 /-]

## #28 kero

Information	[Type= continuous] [Format=numeric] [Range= 0-428363768] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=643862.838 /-] [StdDev=12961801.203 /-]

## #29 gas

Information	[Type= continuous] [Format=numeric] [Range= 0-351140829] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=635977.754 /-] [StdDev=10549751.309 /-]

## File Asi\_09\_4d\_NV (cont.)

## #30 electr

Information	[Type= continuous] [Format=numeric] [Range= 0-2134332752] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=7144750.54 /-] [StdDev=52287153.498 /-]

## #31 water

Information	[Type= continuous] [Format=numeric] [Range= 0-81618940] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=313358.877 /-] [StdDev=2555772.903 /-]

## #32 fother

Information	[Type= continuous] [Format=numeric] [Range= 0-270000000] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=344555.367 /-] [StdDev=5801694.73 /-]

## #33 fuel

Information	[Type= continuous] [Format=numeric] [Range= 0-35537000000] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=26495878.141 /-] [StdDev=651466890.554 /-]

## #34 optical

Information	[Type= continuous] [Format=numeric] [Range= 0-14997000000] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=16553637.885 /-] [StdDev=284963820.167 /-]

## #35 opficab

Information	[Type= continuous] [Format=numeric] [Range= 0-141114800890] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=106654964.548 /-] [StdDev=3185339032.463 /-]

## #36 opficam

Information	[Type= continuous] [Format=numeric] [Range= -7905774-281039094990] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=219699449.732 /-] [StdDev=6590778372.333 /-]

## #37 opficat

Information	[Type= continuous] [Format=numeric] [Range= 0-9182169580] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=7747265.768 /-] [StdDev=172945972.794 /-]

## File Asi\_09\_4d\_NV (cont.)

## #38 addfical

Information	[Type= continuous] [Format=numeric] [Range= -2100000-1735000000] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=1436938.538 /-] [StdDev=33180679.802 /-]

## #39 addficab

Information	[Type= continuous] [Format=numeric] [Range= 0-9101000000] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=6708428.082 /-] [StdDev=188343221.189 /-]

## #40 addficam

Information	[Type= continuous] [Format=numeric] [Range= -46306000-37524000000] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=18448291.703 /-] [StdDev=684467034.937 /-]

## #41 addficat

Information	[Type= continuous] [Format=numeric] [Range= -4781000-459000000] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=931760.948 /-] [StdDev=11943908.787 /-]

## #42 depficab

Information	[Type= continuous] [Format=numeric] [Range= 0-3389000000] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=2397970.432 /-] [StdDev=62383217.575 /-]

## #43 depficam

Information	[Type= continuous] [Format=numeric] [Range= -71224000-24109000000] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=13581981.969 /-] [StdDev=439151981.682 /-]

## #44 depficat

Information	[Type= continuous] [Format=numeric] [Range= -4884000-235000000] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=860786.723 /-] [StdDev=6754440.25 /-]

## #45 emp1a

Information	[Type= continuous] [Format=numeric] [Range= 0-6182] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=35.226 /-] [StdDev=179.894 /-]



## File Asi\_09\_4d\_NV (cont.)

## #46 emp1b

Information	[Type= continuous] [Format=numeric] [Range= 0-4760] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=50.534 /-] [StdDev=235.111 /-]

## #47 sal1

Information	[Type= continuous] [Format=numeric] [Range= 0-2596440000] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=11865566.217 /-] [StdDev=71725806.173 /-]

## #48 emp2a

Information	[Type= continuous] [Format=numeric] [Range= 0-2369] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=15.576 /-] [StdDev=78.044 /-]

## #49 emp2b

Information	[Type= continuous] [Format=numeric] [Range= 0-3170] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=18.31 /-] [StdDev=88.09 /-]

## #50 sal2

Information	[Type= continuous] [Format=numeric] [Range= 0-894663049] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=4122413.879 /-] [StdDev=28854959.372 /-]

## #51 emp3a

Information	[Type= continuous] [Format=numeric] [Range= 0-1439] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=5.284 /-] [StdDev=32.445 /-]

## #52 emp3b

Information	[Type= continuous] [Format=numeric] [Range= 0-288] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=1.333 /-] [StdDev=7.923 /-]

## #53 sal3

Information	[Type= continuous] [Format=numeric] [Range= 0-3047020000] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=4333682.697 /-] [StdDev=59758467.884 /-]

## File Asi\_09\_4d\_NV (cont.)

## #54 emp4a

Information	[Type= continuous] [Format=numeric] [Range= 0-927] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=7.526 /-] [StdDev=38.791 /-]

## #55 emp4b

Information	[Type= continuous] [Format=numeric] [Range= 0-1011] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=2.431 /-] [StdDev=23.739 /-]

## #56 sal4

Information	[Type= continuous] [Format=numeric] [Range= 0-585000000] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=2972981.642 /-] [StdDev=21019328.447 /-]

## #57 emp5a

Information	[Type= continuous] [Format=numeric] [Range= 0-1500] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=5.083 /-] [StdDev=36.94 /-]

## #58 emp5b

Information	[Type= continuous] [Format=numeric] [Range= 0-1575] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=4.195 /-] [StdDev=32.031 /-]

## #59 sal5

Information	[Type= continuous] [Format=numeric] [Range= 0-1660500000] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=2372604.338 /-] [StdDev=32377702.739 /-]

## #60 emp6a

Information	[Type= continuous] [Format=numeric] [Range= 0-1200] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=6.319 /-] [StdDev=44.048 /-]

## #61 emp6b

Information	[Type= continuous] [Format=numeric] [Range= 0-1056] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=4.108 /-] [StdDev=36.001 /-]

## File Asi\_09\_4d\_NV (cont.)

## #62 sal6

Information	[Type= continuous] [Format=numeric] [Range= 0-600480000] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=1511549.898 /-] [StdDev=13457616.374 /-]

## #63 emp7a

Information	[Type= continuous] [Format=numeric] [Range= 0-40] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=0.422 /-] [StdDev=1.3 /-]

## #64 emp7b

Information	[Type= discrete] [Format=numeric] [Range= 0-16] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
0		2803	92.5%
1		177	5.8%
2		37	1.2%
3		3	0.1%
4		5	0.2%
5		1	0.0%
7		1	0.0%
8		1	0.0%
9		1	0.0%
16		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.

## #65 emp8a

Information	[Type= continuous] [Format=numeric] [Range= 0-45] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=0.194 /-] [StdDev=1.776 /-]

## #66 emp8b

Information	[Type= continuous] [Format=numeric] [Range= 0-40] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=0.104 /-] [StdDev=1.172 /-]

## #67 emp8a: Persons engaged male (No.)

Information	[Type= continuous] [Format=numeric] [Range= 0-12799] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=75.632 /-] [StdDev=348.988 /-]

## File Asi\_09\_4d\_NV (cont.)

## #68 empb: Persons engaged female (No.)

Information	[Type= continuous] [Format=numeric] [Range= 0-8011] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=81.122 /-] [StdDev=325.009 /-]

## #69 empc: Persons engaged (No.)

Information	[Type= continuous] [Format=numeric] [Range= 5-14653] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=156.754 /-] [StdDev=557.377 /-]

## #70 sal

Information	[Type= continuous] [Format=numeric] [Range= 0-9199000000] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=27156865.103 /-] [StdDev=203926784.092 /-]

## #71 fper

Information	[Type= continuous] [Format=numeric] [Range= 0-444] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=0.208 /-] [StdDev=8.108 /-]

## #72 femp

Information	[Type= continuous] [Format=numeric] [Range= 0-395] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=0.264 /-] [StdDev=8.507 /-]

## #73 fsal

Information	[Type= continuous] [Format=numeric] [Range= 0-324000000] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=346333.478 /-] [StdDev=6526844.66 /-]

## #74 noof

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-]

## #75 q21

Information		[Type= discrete] [Format=character] [Missing=*]	
Statistics [NW/ W]		[Valid=2749 /-] [Invalid=0 /-]	
Value	Label	Cases	Percentage
1		535	<div></div> 19.5%
2		910	<div></div> 33.1%

## File Asi\_09\_4d\_NV (cont.)

## #75 q21

Value (cont.)	Label	Cases	Percentage
3		1304	47.4%

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.

## #76 q221

Information	[Type= discrete] [Format=numeric] [Range= 0-1] [Missing=*]		
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-]		
Value	Label	Cases	Percentage
0		2828	93.3%
1		202	6.7%

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.

## #77 q222

Information	[Type= discrete] [Format=numeric] [Range= 0-1] [Missing=*]		
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-]		
Value	Label	Cases	Percentage
0		2642	87.2%
1		388	12.8%

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.

## #78 q223

Information	[Type= discrete] [Format=numeric] [Range= 0-1] [Missing=*]		
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-]		
Value	Label	Cases	Percentage
0		2775	91.6%
1		255	8.4%

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.

## #79 q224

Information	[Type= discrete] [Format=numeric] [Range= 0-1] [Missing=*]		
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-]		
Value	Label	Cases	Percentage
0		2774	91.6%
1		256	8.4%

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.

## File Asi\_09\_4d\_NV (cont.)

## #80 q225

Information	[Type= discrete] [Format=numeric] [Range= 0-1] [Missing=*]		
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-]		
Value	Label	Cases	Percentage
0		2819	93.0%
1		211	7.0%
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.			

## #81 q226

Information	[Type= discrete] [Format=numeric] [Range= 0-1] [Missing=*]		
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-]		
Value	Label	Cases	Percentage
0		2794	92.2%
1		236	7.8%
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.			

## #82 q227

Information	[Type= discrete] [Format=numeric] [Range= 0-1] [Missing=*]		
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-]		
Value	Label	Cases	Percentage
0		2970	98.0%
1		60	2.0%
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.			

## #83 q228

Information	[Type= discrete] [Format=numeric] [Range= 0-1] [Missing=*]		
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-]		
Value	Label	Cases	Percentage
0		2763	91.2%
1		267	8.8%
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.			

## #84 q229

Information	[Type= discrete] [Format=numeric] [Range= 0-1] [Missing=*]		
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-]		

## File Asi\_09\_4d\_NV (cont.)

## #84 q229

Value	Label	Cases	Percentage
0		2823	93.2%
1		207	6.8%

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.

## #85 PA: Persons engaged male (No.)

Information	[Type= continuous] [Format=numeric] [Range= 0-12799] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=75.632 /-] [StdDev=348.988 /-]

## #86 PB: Persons engaged female (No.)

Information	[Type= continuous] [Format=numeric] [Range= 0-8011] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=81.122 /-] [StdDev=325.009 /-]

## #87 PC: Persons engaged (No.)

Information	[Type= continuous] [Format=numeric] [Range= 5-14653] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=156.754 /-] [StdDev=557.377 /-]

## #88 PC\_cat

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	EMPC 0 - 4	0	0.0%
2	EMPC 5 & Above	3030	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.

## #89 Main

Information	[Type= discrete] [Format=numeric] [Range= 0-1] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=0.00363 /-] [StdDev=0.0602 /-]

Value	Label	Cases	Percentage
0		3019	99.6%
1		11	0.4%

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.

## File Asi\_09\_4d\_NV (cont.)

## #90 Weight\_09

Information	[Type= continuous] [Format=numeric] [Range= 1-376] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=6.367 /-] [StdDev=19.481 /-]

## #91 Ref\_13\_2

Information	[Type= discrete] [Format=numeric] [Range= 0-4] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
0		2999	99.0%
1		12	0.4%
2		15	0.5%
3		3	0.1%
4		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.

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

Information	[Type= continuous] [Format=numeric] [Range= -5505774-431347410460] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=350655317.933 /-] [StdDev=10084592860.723 /-]

## #93 adfica: Gross additions to fixed assets (Rs.)

Information	[Type= continuous] [Format=numeric] [Range= -44830000-48819000000] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=27525419.271 /-] [StdDev=895722448.405 /-]

## #94 defica

Information	[Type= continuous] [Format=numeric] [Range= -58277000-27733000000] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=16840739.124 /-] [StdDev=505630365.042 /-]

## #95 output: Value of output (Rs.)

Information	[Type= continuous] [Format=numeric] [Range= 10086-159443433000] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=388308041.544 /-] [StdDev=3528682514.891 /-]

## #96 rawp: Raw materials consumed (Rs.)

Information	[Type= continuous] [Format=numeric] [Range= -53539535-152781350000] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=214984187.544 /-] [StdDev=2936557194.093 /-]



## File Asi\_09\_4d\_NV (cont.)

## #97 input: Value of input (Rs.)

Information	[Type= continuous] [Format=numeric] [Range= -51468711-152871000000] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=245160672.386 /-] [StdDev=3022920569.343 /-]

## #98 va: Value added (Rs.)

Information	[Type= continuous] [Format=numeric] [Range= -404460-38720500000] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=143147369.157 /-] [StdDev=1109062243.355 /-]

## #99 empsal: Salaries &amp; Wages (Rs.)

Information	[Type= continuous] [Format=numeric] [Range= 0-9199000000] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=27178798.672 /-] [StdDev=203927040.357 /-]

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

Information	[Type= continuous] [Format=numeric] [Range= -56980000-431331370047] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=361339998.08 /-] [StdDev=10331797348.118 /-]

## #101 emp1: Operatives (No.)

Information	[Type= continuous] [Format=numeric] [Range= 0-11322] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=119.646 /-] [StdDev=421.725 /-]

## #102 emp2: Other employees (No.)

Information	[Type= continuous] [Format=numeric] [Range= 0-6281] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=36.28 /-] [StdDev=177.764 /-]

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

Information	[Type= continuous] [Format=numeric] [Range= 0-49] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=0.53 /-] [StdDev=1.554 /-]

## #104 emp4: Unpaid family workers (No.)

Information	[Type= continuous] [Format=numeric] [Range= 0-73] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=0.298 /-] [StdDev=2.622 /-]

## File Asi\_09\_4d\_NV (cont.)

## #105 sala

Information	[Type= continuous] [Format=numeric] [Range= 0-3306000000] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=15987980.096 /-] [StdDev=95652264.488 /-]

## #106 salb

Information	[Type= continuous] [Format=numeric] [Range= 0-5893000000] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=11190818.576 /-] [StdDev=118185437.531 /-]

## #107 empno: Employees (No.)

Information	[Type= continuous] [Format=numeric] [Range= 0-14653] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-] [Mean=155.926 /-] [StdDev=557.506 /-]

## #108 isic4

Information	[Type= discrete] [Format=numeric] [Range= 1411-9999] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-]
Frequency table not shown (182 Modalities)	

## #109 isic3

Information	[Type= discrete] [Format=numeric] [Range= 141-999] [Missing=*]
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-]
Frequency table not shown (67 Modalities)	

## #110 isic2

Information	[Type= discrete] [Format=numeric] [Range= 14-99] [Missing=*]		
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-]		
Value	Label	Cases	Percentage
14	14 Other Mining and Quarrying	87	2.9%
15	15 Manu.of food prodcts and beverages	830	27.4%
16	16 Manu.of tobacco products	63	2.1%
17	17 Manu.of Textiles	261	8.6%
18	18 Manu.of wearing Apparel, dressing & dyeing of fur	334	11.0%
19	19 Tanning and dressing of leather; manu. of luggage, hand	73	2.4%
20	20 Manu.of wood & products of wood & cork except furniture	125	4.1%
21	21 Manu.of paper and paper products	64	2.1%
22	22 Publishing, printing and reproduction of recorded media	105	3.5%

## File Asi\_09\_4d\_NV (cont.)

## #110 isic2

Value (cont.)	Label	Cases	Percentage
23	23 Manu.of coke refined petroleum products and nuclear fuel	3	0.1%
24	24 Manu.of chemicals & chemical products	144	4.8%
25	25 Manu.of rubber & plastic products	249	8.2%
26	26 Manu. of other non metallic mineral products	156	5.1%
27	27 Manu.of basic metals	33	1.1%
28	28 Manu.of fabricated metal products except machinery equip	104	3.4%
29	29 Manu.of Machinery & equipments (n.e.c.)	59	1.9%
30	30 Manu.of office, accounting and computing machinery	4	0.1%
31	31 Manu.of Electrical machinery and apparatus n.e.c.	38	1.3%
32	32 Manu.of Radio, TV & communication equipment and apparatus	17	0.6%
33	33 Manu.of medical, precision & optical instruments, watches	5	0.2%
34	34 Manu.of motor vehicles, trailers and semi-trailers	26	0.9%
35	35 Manu.of other transport equipment	26	0.9%
36	36 Manu.of furniture, Manufacturing of n.e.c.	190	6.3%
37	37 Recycling	9	0.3%
40	40 Electricity, Gas, Steam and Hot water supply	8	0.3%
41	41 Collection, purification and distribution of water	17	0.6%
99	99 Other Industry	0	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.

## #111 isic1

Information	[Type= discrete] [Format=numeric] [Range= 2-9] [Missing=*]		
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-]		
Value	Label	Cases	Percentage
2	C Mining and Quarrying	87	2.9%
3	D Manufacturing	2918	96.3%
4	E Electricity, Gas and Water supply	25	0.8%
9	9 Other Industry	0	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.

## #112 dist

Information	[Type= discrete] [Format=numeric] [Range= 11-92] [Missing=*]		
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-]		
Value	Label	Cases	Percentage
11	Colombo	534	17.6%
12	Gampaha	495	16.3%

## File Asi\_09\_4d\_NV (cont.)

## #112 dist

Value (cont.)	Label	Cases	Percentage
13	Kalutara	236	7.8%
21	Kandy	209	6.9%
22	Matale	68	2.2%
23	Nuwara-Eliya	134	4.4%
31	Galle	178	5.9%
32	Matara	151	5.0%
33	Hambantota	37	1.2%
41	Jaffna	48	1.6%
42	Mannar	4	0.1%
43	Vavuniya	8	0.3%
44	Mullaitivu	1	0.0%
45	Killinochchi	0	0.0%
51	Batticaloa	27	0.9%
52	Ampara	38	1.3%
53	Trincomalee	9	0.3%
61	Kurunegala	190	6.3%
62	Puttalam	140	4.6%
71	Anuradhapura	57	1.9%
72	Polonnaruwa	56	1.8%
81	Badulla	111	3.7%
82	Moneragala	35	1.2%
91	Ratnapura	147	4.9%
92	Kegalle	117	3.9%

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.

## #113 province

Information	[Type= discrete] [Format=numeric] [Range= 1-9] [Missing=*]		
Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-]		
Value	Label	Cases	Percentage
1	Western	1265	41.7%
2	Central	411	13.6%
3	Southern	366	12.1%
4	Northern	61	2.0%
5	Eastern	74	2.4%
6	North-West	330	10.9%
7	North-Central	113	3.7%
8	Uva	146	4.8%
9	Sabaragamuwa	264	8.7%

## File Asi\_09\_4d\_NV (cont.)

## #113 province

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.

## #114 X: Total

Information [Type= discrete] [Format=numeric] [Range= 1-1] [Missing=\*]

Statistics [NW/ W] [Valid=3030 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1		3030	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.

## #115 y: No. of establishments

Information [Type= discrete] [Format=numeric] [Range= 1-1] [Missing=\*]

Statistics [NW/ W] [Valid=3030 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1		3030	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.

## #116 empc\_ct

Information [Type= discrete] [Format=numeric] [Range= 1-6] [Missing=\*]

Statistics [NW/ W] [Valid=3030 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	less than 10	494	16.3%
2	10 - 19	479	15.8%
3	20 - 39	513	16.9%
4	40 - 99	754	24.9%
5	100 - 499	574	18.9%
6	500 & above	216	7.1%

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.

## #117 Z

Information [Type= discrete] [Format=numeric] [Range= 1-1] [Missing=\*]

Statistics [NW/ W] [Valid=3030 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	All provinces	3030	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.

## File Asi\_09\_4d\_NV (cont.)

## #118 out\_ct: Size class - Value of output (Rs)

Information	[Type= discrete] [Format=numeric] [Range= 1-5] [Missing=*]
-------------	--

Statistics [NW/ W]	[Valid=3030 /-] [Invalid=0 /-]
--------------------	--------------------------------

Value	Label	Cases	Percentage
1	less than 100,000	10	0.3%
2	100,000 - 249,999	23	0.8%
3	250,000 - 999,999	166	5.5%
4	1,000,000 - 99,999,999	1828	60.3%
5	100,000,000 & above	1003	33.1%

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.

# Documentation

<a href="#">Other resources</a> .....	35
<a href="#">Annual Survey of Industry 2009- Questionnaire</a> .....	35
<a href="#">*** Untitled ***</a> .....	35
<a href="#">Covering Letter</a> .....	35
<a href="#">Annual Survey of Industry 2009 - Instruction</a> .....	35
<a href="#">*** Untitled ***</a> .....	35
<a href="#">*** Untitled ***</a> .....	35
<a href="#">Annual Survey Of Industries 2009 - Variable Names for Data Processing</a> .....	35
<a href="#">Study Documentation of ASI 2009</a> .....	35

## Other resources

Annual Survey of Industry 2009- Questionnaire, Sri Lanka [lka], "Documentation\ASI SCHEDULE FOR EXCEL (english) 2009.pdf"

\*\*\* Untitled \*\*\*, "Documentation\ASI\_Report\_2009.pdf"

Covering Letter, Sri Lanka [lka], "Documentation\Annual Survey letters.pdf"

Annual Survey of Industry 2009 - Instruction, Sri Lanka [lka], "Documentation\ASI INSTRUCTION FOR 2009.pdf"

\*\*\* Untitled \*\*\*, "Documentation\Inventory\_v090507\_2.doc"

\*\*\* Untitled \*\*\*, "Documentation\Asi\_prg\_New.pdf"

Annual Survey Of Industries 2009 - Variable Names for Data Processing, "Documentation\Variable Name for ASI Schedule 2009.pdf"

Study Documentation of ASI 2009, "Documentation\Study Documentation of ASI2009.pdf"