

Sri Lanka - Annual Survey of Industries - 2003

Department of Census and Statistics

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Identification

SURVEY ID NUMBER

LKA-DCS-ASI-2003-v1.0

TITLE

Annual Survey of Industries - 2003

COUNTRY

Name	Country code
Sri Lanka	LKA

STUDY TYPE

Enterprise Survey [en/oth]

SERIES INFORMATION

The Department of Census and Statistics started to conduct its series of Annual Survey of Manufacturing Industries(ASMI) in 1979 with reference year as the previous year 1978. The frame of this survey was 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

The survey is the 19th of the ASI series, conducted in 2003 and the reference period is 2002. The report contains the important industrial indicators relevant to the all establishments with 25 or more persons engaged. The sample data are inflated and the non response is adjusted.

ABSTRACT

The Objectives of the Annual Survey of Industries are:

1. To provide indicators of the performance and the structure of the industrial sector.
2. To update the list of industrial establishments already available.

KIND OF DATA

Sample survey data [ssd]

UNIT OF ANALYSIS

Industrial establishments

Statistical unit of ASI is the establishment which is defined as 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.

Version

VERSION DESCRIPTION

Version v1.0 (June 2008) - : Full edited dataset, for internal DPD use.

VERSION DATE

2008-06-09

Scope

NOTES

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.

Note :

All establishments with 25 or more persons engaged sector (Census part) was canvassed only during this survey. A probability sample establishments with 5 - 24 persons engaged sector (Survey part) as mentioned in sample design was not canvassed due to staff had been engaged in listing operation of the Census of Industry 2003/04. Therefore it is note that this report only include the data on all establishments with 25 or more persons engaged.

TOPICS

Topic	Vocabulary	URI
TRADE, INDUSTRY AND MARKETS [2]	CESSDA	Link
ECONOMICS [1]	CESSDA	Link

Coverage

GEOGRAPHIC COVERAGE

National Coverage.

UNIVERSE

All industries with 25 or more persons engaged.

Producers and sponsors

PRIMARY INVESTIGATORS

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

FUNDING AGENCY/SPONSOR

Name	Abbreviation	Role
Department of Census and Statistics	DCS	Source of funds

Sampling

SAMPLING PROCEDURE

Sampling Procedure

ASI is predominantly a postal survey . But Statistical Officers are send to the non responding establishments to get the questionnaires completed.

All industrial establishments with 5 or more persons engaged is the target population of ASI. The list of industries with 5 or more persons as in the Census of Industry - 1983 was the frame (sample population) of ASI.

The whole frame was divided into two sectors as establishments with 25 or more persons engaged and establishments with

5-24 persons engaged. All establishments in the 25 or more sector (census part) and probability sample of 5 to 24 sector (survey part) were canvassed. The census part of the frame updated from time to time and the survey part remained unchanged.

The survey part was further stratified according to the geographical locations, industrial activity and size. Geographical strata were 24 administrative districts. Industrial activities were defined as the industry group levels (4 digit level of ISIC). The persons engaged size classes which were defined as 5-9, 10-14 and 15-24 persons engaged, were used as the size strata.

There were approximately 2500 establishments in the census part and approximately another 2500 were selected for the sample out of about 12000 industries. Higher probabilities were given to select rare industries. The sample was selected systematically within the strata.

The estimated value of a variable will be given by (pl see the report Sample design section)

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

N_{ijk}

Where N = total no of units in the population

n = number of units responded

k = size class of persons engaged

j = industry group of ISIC

i = district

RESPONSE RATE

Non response adjustments

It was tried to collect information from all the 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

DATES OF DATA COLLECTION

Start	End
2003-07-01	2003-09-30

DATA COLLECTION MODE

Mail Questionnaire [mail]

SUPERVISION

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

DATA COLLECTION NOTES

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

Reference period of the survey was the calendar year 2002 (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 2002 to 31st of March 2003) In those situations, financial year data were accepted when there was no significant difference between the two 1st quarters of both years (2002 and 2003). Otherwise estimates for the calendar year were accepted.

DATA COLLECTORS

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

Questionnaires

QUESTIONNAIRES

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

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

Inputs were the addition of value of raw materials consumed of the year 2002. (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 2002 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 2002 in connection with the work done to all " employees " had been included here.

i.e.

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

ii. Wages and salaries paid during vacation sick leaves

iii. Taxes and social insurance contribution

iv. Payments in land.

Access policy

CONTACTS

Name	Affiliation	Email	URL
Information Unit	Department of Census and Statistics	information@statistics.gov.lk	Link
Industrial & Construction Division	Department of Census and Statistics	industries@statistics.gov.lk	Link

CONFIDENTIALITY

Under the Statistical ordinance, micro data cannot be released with identifications for public use. Procedures are in place to ensure that information relating to any particular individual person, household or undertaking will be kept strictly confidential and will not be divulged to external parties. Information on individual or individual Household/establishment will not be divulged or published in such a form that will facilitate the identification of any particular person or establishment as the data have been collected under the Census/Statistical ordinance, according to which the information at individual level cannot be divulged and such information is strictly confidential.

ACCESS CONDITIONS

The dataset has been anonymized and is available as a Public Use Dataset. It is accessible to all for statistical and research purposes only, under the following terms and conditions:

1. The data and other materials will not be redistributed or sold to other individuals, institutions, or organizations without the written agreement.
2. The data will be used for statistical and scientific research purposes only. They will be used solely for reporting of

aggregated information, and not for investigation of specific individuals or organizations.

3. No attempt will be made to re-identify respondents, and no use will be made of the identity of any person or establishment discovered inadvertently.
4. No attempt will be made to produce links among datasets provided by the Department or among data from the Department and other datasets that could identify individuals or organizations.
5. Any books, articles, conference papers, theses, dissertations, reports, or other publications that employ data obtained from the Department will cite the source of data in accordance with the Citation Requirement provided with each dataset.
6. An electronic copy of all reports and publications based on the requested data will be sent to the Department

The following rules apply to micro data released by the Department of Census and Statistics.

- Only the requests of Government Institutions, Recognized Universities, Students, and selected international agencies are entertained. However, the Data users are required to strictly adhere to the terms stipulated in the agreement form.
- All the data requests should be made to Director General (DG) of the DCS as the sole authority of releasing data is vested with the DG of the DCS. The DCS of Sri Lanka reserves sole right to approve or reject any data request made depending on the confidential nature of the data set and intended purpose of the study or analysis.
- Requests for micro data should be made through the agreement form designed by DCS for this purpose (Form D.R.1). The agreement form should be filled in triplicate and the Study/project proposal should accompany the filled agreement form. If requests are made for the micro data of more than one survey, a separate agreement should be signed.
- If the data request is from a student a letter from the respective Dept. Head/Dean/Supervisor, recommending the issue of data, should also be accompanied.
- If the request is approved only 25% of the data file is released at the first stage. The release of the total data file is considered only after reviewing the draft report prepared on the basis of the 25% sample data file.
- The released Data file should be used only for the specific study/Analysis mentioned in the agreement form and shall not be used for any other purpose without the prior approval of the Director General of the DCS. Moreover, Copies of the micro-data file, obtained from the DCS, shall not be given to anyone else without the prior written approval of the Director General of the DCS.
- The draft report of the Study/Analysis should be submitted to the DCS and the concurrence of the DG of the DCS, should be obtained before publishing it. Once published, a copy of the final report should be submitted to the DCS.

[Department : The Department of Census and Statistics (DCS)]

Source : http://www.statistics.gov.lk/databases/data%20dissemination/DataDissaPolicy_

CITATION REQUIREMENTS

Department of Census and Statistics, Annual Survey of Industries 2003 [ASI 2003], Version 1.0 of the public use dataset June, 2008, provided by the National Data Archive, Data Processing Division, www.statistics.gov.lk

ACCESS AUTHORITY

Name	Affiliation	Email	URL
Director General	Department of Census and Statistics	dgcensus@sltnet.lk	http://www.statistics.gov.lk

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Metadata production

DDI DOCUMENT ID
DDI-LKA-DCS-ASI-2003-v1.0

PRODUCERS

Name	Abbreviation	Affiliation	Role
Department of Census and Statistics	DCS	Minstry of Finance & Planning	Data Collection

DATE OF METADATA PRODUCTION
2008-06-09

DDI DOCUMENT VERSION
Version v1.0 (June 2008)

Data Dictionary

Data file	Cases	Variables
ASI2003	1140	90

Data file: ASI2003

Cases: 1140

Variables: 90

Variables

ID	Name	Label	Question
V106	serno	Reference Number	
V110	l_s	Persons engaged strata	
V111	district	District	
V112	industry	Description of Industry	
V113	shipment	Total product value 2003 (Rs.)	
V114	opstofg	Stock Value - Bigining of the year (Rs.)	
V115	clstofg	Stock Value - End of the year (Rs.)	
V116	rawim	Value of raw material purchased(Imported)	
V117	rawl	Value of raw material purchased(Local)	
V118	opstrmi	Value of stock of raw material begining of the year(Imported)	
V119	opstrml	Value of stock of raw material begining of the year(Local)	
V120	clstrmi	Value of stock of raw material end of the year(Imported)	
V121	clstrml	Value of stock of raw material end of the year(Local)	
V122	indser	Receipt from industrial services rendered to others(Rs.)	
V123	cindser	Cost of industrial services done by others.(Rs.)	
V124	fwood	Firewood consumed (Rs.)	
V125	coal	Coal & Charcoal consumed (Rs.)	
V126	petrol	Petrol consumed(Rs.)	
V127	disel	Diesel consumed(Rs.)	
V128	furnace	Furnase Oil consumed (Rs.)	
V129	kero	Kerosene oil consumed (Rs.)	
V130	gas	LP gas consumed (Rs.)	
V131	electr	Electricity consumed(Rs.)	
V132	water	Water consumed(Rs.)	
V133	fother	other fuel consumed (Rs.)	
V134	opfical	Land value (Rs.)	
V135	opficab	Building and other construction -II	
V136	opficat	Transport equipment - II	
V137	addfical	Land value - gross additions (Rs.)	
V138	addficab	Building and other construction -III	
V139	addficam	Machinery & other equipment - III	
V140	addficat	Transport equipment - III	
V141	opficam	Machinery & other equipment - II	
V143	depficab	Building and other construction -IV	
V144	depficam	Machinery & other equipment - IV	
V145	depficat	Transport equipment - IV	
V146	emp1a	Skilled Male (No.)	
V147	emp1b	Skilled Female (No.)	

ID	Name	Label	Question
V148	sal1	Skilled male & female - Salaries (Rs.)	
V149	emp2a	Unskilled Male (No.)	
V150	emp2b	Unskilled Female (No.)	
V151	sal2	Unskilled male & female - Salaries (Rs.)	
V152	emp3a	Administrative/Managerial male (No.)	
V153	emp3b	Administrative/Managerial female (No.)	
V154	sal3	Total Administrative/Managerial - Salary (Rs.)	
V155	emp4a	Technical/Supervisory male (No.)	
V156	emp4b	Technical/Supervisory female (No.)	
V157	sal4	Total Technical/Supervisory - Salary (Rs.)	
V158	emp5a	Clerical & related male (No.)	
V159	emp5b	Clerical & related female (No.)	
V160	sal5	Total clerical & related - Salaries (Rs.)	
V161	emp6a	Other male (No.)	
V162	emp6b	Other female (No.)	
V163	sal6	Total other - salaries (Rs.)	
V164	emp7a	Working proprietors & active partners - male (No.)	
V165	emp7b	Working proprietors & active partners - female (No.)	
V166	emp8a	Unpaid family workers - male (No.)	
V167	emp8b	Unpaid family workers - female (No.)	
V168	fper	Non-nationals persons engaged (No.)	
V169	femp	Non-national employees(No.)	
V170	fsal	Non-nationals salaries (Rs.)	
V171	wei_83_8	Weighting factor	
V172	opfica	Assets at beginning of the year (Rs)	
V173	adfica	Gross additions to fixed assets (Rs)	
V174	defica	Depreciation of fixed assets of the year (Rs.)	
V175	fuel	Total fuel consumed (Rs.)	
V176	output	Value of output (Rs)	
V177	rawp	Raw materials consumed (Rs)	
V178	input	Value of input (Rs)	
V179	va	Value added (Rs)	
V180	empsal	Salaries & Wages (Rs)	
V181	fixend	Assets at the end of the year (Rs)	
V182	emp1	Operatives (No)	
V183	emp2	Other employees (No)	
V184	emp3	Working proprietors & Active partners (No)	
V185	emp4	Unpaid family workers (No)	
V186	sala	Salaries for Operatives (Rs.)	
V187	salb	Salaries for Other employees (Rs.)	
V188	empa	Persons engaged male (No)	
V189	empb	Persons engaged female (No)	
V190	empc	Persons engaged (No)	
V191	empno	Employees (No)	
V192	isic4	Four digits level industry	

ID	Name	Label	Question
V193	isic3	Three digits level industry	
V194	isic2	Two digits level industry	
V195	isic1	One digit level industry	
V196	dist	District	
V198	province	Province	
V200	x	Total	
V201	y	No. of establishments (No)	

Total: 90

SERNO: Reference Number**Data file: ASI2003****Overview**

Valid: 1140 Invalid: 0 Minimum: 10001400 Maximum: 249010700 Mean: 62265962.236 Standard deviation: 72598235.182
 Type: Continuous Decimal: 0 Width: 9 Range: 10001400 - 249010700 Format: Numeric

L_S: Persons engaged strata**Data file: ASI2003****Overview**

Valid: 1140 Invalid: 0
 Type: Discrete Width: 1 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category	Cases	
L	Large Establishments	1140	100%

DISTRICT: District**Data file: ASI2003****Overview**

Valid: 1140 Invalid: 0
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 24 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Colombo	384	33.7%
2	Gampaha	243	21.3%
3	Kalutara	64	5.6%
4	Kandy	55	4.8%
5	Matale	11	1%
6	Nuwara-Eliya	91	8%
7	Galle	41	3.6%
8	Matara	41	3.6%
9	Hambantota	6	0.5%
10	Jaffna	0	0%

11	Mannar	0	0%
12	Vavuniya	0	0%
13	Mullativu	0	0%
14	Batticaloa	1	0.1%
15	Ampara	1	0.1%
16	Trincomalee	2	0.2%
17	Kurunegala	29	2.5%
18	Puttalam	34	3%
19	Anuradhapura	1	0.1%
20	Polonnaruwa	1	0.1%
21	Badulla	37	3.2%
22	Moneragala	7	0.6%
23	Ratnapura	55	4.8%
24	Kegalle	36	3.2%

INDUSTRY: Description of Industry

Data file: ASI2003

Overview

Valid: 1140 Invalid: 0 Minimum: 2901 Maximum: 4200 Mean: 3328.847 Standard deviation: 250.852
 Type: Discrete Decimal: 0 Width: 4 Range: 2901 - 4200 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
2899	2899 Manu.of other fabricated metal products	0	0%
2901		8	0.7%
2902		1	0.1%
2903		1	0.1%
2909		3	0.3%
2911	2911 Manu.of engine and turbines, except aircraft, vehicle	0	0%
2912	2912 Manu.of pumps, compressors, taps and valves	0	0%
2913	2913 Manu.of bearings, gears, gearing & driving clemeufs	0	0%
2914	2914 Manu.of Ovens, furnaces & furnace burners	0	0%
2915	2915 Manufactory of lifting & handling equipments	0	0%
2919	2919 Manu.of other general purpose machinery	0	0%
2921	2921 Manu.of agricultural & forestry machinery	0	0%
2922	2922 Manu.of machine tools	0	0%

2923	2923 Manu.of machinery for metallurgy	0	0%
2924	2924 Manu.of machinery for mining, quarrying & construction	0	0%
2925	2925 Manu.of machinery for Food, beverage & tobacco proce.	0	0%
2926	2926 Manu.of machinery for textile, apparel & leather produ	0	0%
2927	2927 Manu.of weapons and ammunition	0	0%
2929	2929 Manu.of other special purpose machinery (n.e.c.)	0	0%
2930	2930 Manu.of domestic appliance n.e.c.	0	0%
3000	3000 Manu.of office, accounting and computing machinery	0	0%
3110	3110 Manu.of electric motors, generators and transformers	0	0%
3111		1	0.1%
3112		9	0.8%
3113		5	0.4%
3114		3	0.3%
3115		7	0.6%
3116		2	0.2%
3117		15	1.3%
3118		2	0.2%
3119		8	0.7%
3120	3120 Manu.of electricity distribution and control apparatus	0	0%
3121		312	27.4%
3122		3	0.3%
3130	3130 Manu.of insulated wire and cables	0	0%
3131		9	0.8%
3133		1	0.1%
3134		3	0.3%
3140	3140 Manu.of accumulators primary cells and primary batteri	12	1.1%
3150	3150 Manu.of electric lamps and lighting equipments	0	0%
3190	3190 Manu.of other electrical equipments n.e.c	0	0%
3210	3210 Manu.of electronic valves, tubes & other	0	0%
3211		71	6.2%
3212		5	0.4%
3213		17	1.5%
3214		9	0.8%
3215		5	0.4%
3219		3	0.3%
3220	3220 Manu.of TV & radio transmitters & apparatus for line t	193	16.9%
3230	3230 Manu.of TV & radio receivers sound or video recording	0	0%
3231		5	0.4%
3233		5	0.4%

3240		10	0.9%
3311	3311 Manu.of medical & surgical equipment and orthopaedic a	3	0.3%
3312	3312 Manu.of instruments & appliances for measuring, checki	1	0.1%
3313	3313 Manu.of industrial process control equipments	0	0%
3319		10	0.9%
3320	3320 Manu.of optical instruments and photographic equipment	13	1.1%
3330	3330 Manu.of watches and clocks	0	0%
3410	3410 Manu.of motor vehicles	0	0%
3411	3411 Assembling of all kind of Motor vehicle	2	0.2%
3412		15	1.3%
3419		2	0.2%
3420	3420 Manu.of bodies for Motor vehicles, Manu. of trailers &	17	1.5%
3430	3430 Manu.of spare parts and accessories for motor vehicles	0	0%
3511	3511 Building and repairing of ships	3	0.3%
3512	3512 Building and repairing of pleasure & sporting boats	3	0.3%
3513		4	0.4%
3520	3520 Manu.of railway & tramway locomatives & rolling stock	0	0%
3521		3	0.3%
3522		9	0.8%
3523		5	0.4%
3529		7	0.6%
3530	3530 Manu.of aircraft and spacecraft	3	0.3%
3551		13	1.1%
3559		96	8.4%
3560		34	3%
3591	3591 Manu.of motorcycles & motor tricycle (three wheelers)	0	0%
3592	3592 Manu.of bicycles & invalid carriages	0	0%
3593	3593 Manu.of other transport equipment	0	0%
3599	3599 Manu.of other transport equipment n.e.c.	0	0%
3610	3610 Manu.of furniture	10	0.9%
3620		3	0.3%
3691	3691 Manu.of jewellery and related articles	18	1.6%
3692	3692 Manu.of musical instruments	3	0.3%
3693	3693 Manu.of sports goods	0	0%
3694	3694 Manu.of toys & games	0	0%
3699	3699 Other manufacturing not elsewhere classified	8	0.7%
3710	3710 Recycling of metal waste and scrap	8	0.7%
3720	3720 Recycling of non-metal waste and scrap	1	0.1%
3811		4	0.4%

3812		6	0.5%
3813		2	0.2%
3819		17	1.5%
3821		2	0.2%
3822		6	0.5%
3825		1	0.1%
3829		3	0.3%
3831		9	0.8%
3832		6	0.5%
3833		2	0.2%
3839		7	0.6%
3841		4	0.4%
3842		2	0.2%
3843		7	0.6%
3844		2	0.2%
3851		1	0.1%
3852		1	0.1%
3853		1	0.1%
3901		12	1.1%
3902		2	0.2%
3903		2	0.2%
3909		17	1.5%
4010	4010 Production, collection & distribution of electricity	0	0%
4020	4020 Manu.of gas	0	0%
4030	4030 Steam and hot water supply	0	0%
4100	4100 Collection, purification and distribution of water	0	0%
4101		1	0.1%
4200		1	0.1%
9999	9999 Other Industry	0	0%

SHIPMENT: Total product value 2003 (Rs.)

Data file: ASI2003

Overview

Valid: 1140 Invalid: 0 Minimum: 0 Maximum: 39878000000 Mean: 358632381.683 Standard deviation: 2252093409.345
 Type: Continuous Decimal: 0 Width: 13 Range: 0 - 39878000000 Format: Numeric

OPSTOFG: Stock Value - Bigining of the year (Rs.)**Data file: ASI2003****Overview**

Valid: 1140 Invalid: 0 Minimum: 0 Maximum: 4491291000 Mean: 16315152.018 Standard deviation: 163104586.094
 Type: Continuous Decimal: 0 Width: 13 Range: 0 - 4491291000 Format: Numeric

CLSTOFG: Stock Value - End of the year (Rs.)**Data file: ASI2003****Overview**

Valid: 1140 Invalid: 0 Minimum: 0 Maximum: 4773236000 Mean: 21165968.481 Standard deviation: 188064572.364
 Type: Continuous Decimal: 0 Width: 13 Range: 0 - 4773236000 Format: Numeric

RAWIM: Value of raw material purchased(Imported)**Data file: ASI2003****Overview**

Valid: 1140 Invalid: 0 Minimum: 0 Maximum: 39406695000 Mean: 156860030.549 Standard deviation: 1660730010.372
 Type: Continuous Decimal: 0 Width: 13 Range: 0 - 39406695000 Format: Numeric

RAWL: Value of raw material purchased(Local)**Data file: ASI2003****Overview**

Valid: 1140 Invalid: 0 Minimum: 0 Maximum: 1642977147 Mean: 39393441.846 Standard deviation: 113020518.108
 Type: Continuous Decimal: 0 Width: 13 Range: 0 - 1642977147 Format: Numeric

OPSTRMI: Value of stock of raw material beginning of the year(Imported)**Data file: ASI2003****Overview**

Valid: 1140 Invalid: 0 Minimum: 0 Maximum: 12103674000 Mean: 25486373.049 Standard deviation: 370536966.307
 Type: Continuous Decimal: 0 Width: 13 Range: 0 - 12103674000 Format: Numeric

OPSTRML: Value of stock of raw material beginning of the year(Local)**Data file: ASI2003**

Overview

Valid: 1140 Invalid: 0 Minimum: 0 Maximum: 888700000 Mean: 3926143.902 Standard deviation: 32548305.452
 Type: Continuous Decimal: 0 Width: 13 Range: 0 - 888700000 Format: Numeric

CLSTRMI: Value of stock of raw material end of the year(Imported)**Data file: ASI2003****Overview**

Valid: 1140 Invalid: 0 Minimum: 0 Maximum: 11784041000 Mean: 30153350.409 Standard deviation: 386468279.989
 Type: Continuous Decimal: 0 Width: 13 Range: 0 - 11784041000 Format: Numeric

CLSTRML: Value of stock of raw material end of the year(Local)**Data file: ASI2003****Overview**

Valid: 1140 Invalid: 0 Minimum: 0 Maximum: 811900000 Mean: 4267395.322 Standard deviation: 32099307.706
 Type: Continuous Decimal: 0 Width: 13 Range: 0 - 811900000 Format: Numeric

INDSER: Receipt from industrial services rendered to others(Rs.)**Data file: ASI2003****Overview**

Valid: 1140 Invalid: 0 Minimum: 0 Maximum: 1763694000 Mean: 8802151.947 Standard deviation: 81377556.28
 Type: Continuous Decimal: 0 Width: 13 Range: 0 - 1763694000 Format: Numeric

CINDSER: Cost of industrial services done by others.(Rs.)**Data file: ASI2003****Overview**

Valid: 1140 Invalid: 0 Minimum: 0 Maximum: 451377000 Mean: 1607621.782 Standard deviation: 15908587.435
 Type: Continuous Decimal: 0 Width: 13 Range: 0 - 451377000 Format: Numeric

FWOOD: Firewood consumed (Rs.)**Data file: ASI2003****Overview**

Valid: 1140 Invalid: 0 Minimum: 0 Maximum: 22515530 Mean: 374851.845 Standard deviation: 1190824.586

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 22515530 Format: Numeric

COAL: Coal & Charcoal consumed (Rs.)

Data file: ASI2003

Overview

Valid: 1140 Invalid: 0 Minimum: 0 Maximum: 74455966 Mean: 75328.152 Standard deviation: 2214246.087

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 74455966 Format: Numeric

PETROL: Petrol consumed(Rs.)

Data file: ASI2003

Overview

Valid: 1140 Invalid: 0 Minimum: 0 Maximum: 40328000 Mean: 193656.761 Standard deviation: 1395918.361

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 40328000 Format: Numeric

DISEL: Diesel consumed(Rs.)

Data file: ASI2003

Overview

Valid: 1140 Invalid: 0 Minimum: 0 Maximum: 9638000000 Mean: 9896178.386 Standard deviation: 285481273.655

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 9638000000 Format: Numeric

FURNACE: Furnase Oil consumed (Rs.)

Data file: ASI2003

Overview

Valid: 1140 Invalid: 0 Minimum: 0 Maximum: 1384000000 Mean: 3722825.153 Standard deviation: 48454474.927

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 1384000000 Format: Numeric

KERO: Kerosene oil consumed (Rs.)

Data file: ASI2003

Overview

Valid: 1140 Invalid: 0 Minimum: 0 Maximum: 38177873 Mean: 85378.602 Standard deviation: 1230656.463

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 38177873 Format: Numeric

GAS: LP gas consumed (Rs.)**Data file: ASI2003****Overview**

Valid: 1140 Invalid: 0 Minimum: 0 Maximum: 85883603 Mean: 419349.48 Standard deviation: 4159826.728

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 85883603 Format: Numeric

ELECTR: Electricity consumed(Rs.)**Data file: ASI2003****Overview**

Valid: 1140 Invalid: 0 Minimum: 0 Maximum: 1149362892 Mean: 6822049.001 Standard deviation: 38656247.441

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 1149362892 Format: Numeric

WATER: Water consumed(Rs.)**Data file: ASI2003****Overview**

Valid: 1140 Invalid: 0 Minimum: 0 Maximum: 57000000 Mean: 379697.81 Standard deviation: 2717931.331

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 57000000 Format: Numeric

FOTHER: other fuel consumed (Rs.)**Data file: ASI2003****Overview**

Valid: 1140 Invalid: 0 Minimum: 0 Maximum: 9997179 Mean: 114558.818 Standard deviation: 662954.445

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 9997179 Format: Numeric

OPFICAL: Land value (Rs.)**Data file: ASI2003****Overview**

Valid: 1140 Invalid: 0 Minimum: 0 Maximum: 1059041150 Mean: 10633043.208 Standard deviation: 48956646.812

Type: Continuous Decimal: 0 Width: 13 Range: 0 - 1059041150 Format: Numeric

Description**DEFINITION**

Book value at the beginning of the year for land - 2002 (Rs.)

OPFICAB: Building and other construction -II**Data file: ASI2003****Overview**

Valid: 1140 Invalid: 0 Minimum: 0 Maximum: 5850090185 Mean: 27714827.025 Standard deviation: 189525202.154
 Type: Continuous Decimal: 0 Width: 13 Range: 0 - 5850090185 Format: Numeric

Description

DEFINITION

Book value at the beginning of the year 2002 for building and other construction (Rs.)

OPFICAT: Transport equipment - II**Data file: ASI2003****Overview**

Valid: 1140 Invalid: 0 Minimum: 0 Maximum: 799195000 Mean: 5339337.376 Standard deviation: 36406492.784
 Type: Continuous Decimal: 0 Width: 13 Range: 0 - 799195000 Format: Numeric

Description

DEFINITION

Book value at the beginning of the year 2002 for Transport equipment (Rs.)

ADDFICAL: Land value - gross additions (Rs.)**Data file: ASI2003****Overview**

Valid: 1140 Invalid: 0 Minimum: 0 Maximum: 150000000 Mean: 835270.269 Standard deviation: 6819592.169
 Type: Continuous Decimal: 0 Width: 13 Range: 0 - 150000000 Format: Numeric

Description

DEFINITION

Gross additins during the year for land in 2002 (Rs.)

ADDFICAB: Building and other construction -III**Data file: ASI2003**

Overview

Valid: 1140 Invalid: 0 Minimum: 0 Maximum: 222025112 Mean: 2196656.728 Standard deviation: 12100659.887
 Type: Continuous Decimal: 0 Width: 13 Range: 0 - 222025112 Format: Numeric

Description

DEFINITION

Gross additions of the year 2002 for building and other construction (Rs.)

ADDFICAM: Machinery & other equipment - III

Data file: ASI2003

Overview

Valid: 1140 Invalid: 0 Minimum: 0 Maximum: 2168918344 Mean: 7661406.341 Standard deviation: 67804049.387
 Type: Continuous Decimal: 0 Width: 13 Range: 0 - 2168918344 Format: Numeric

Description

DEFINITION

Gross additions of the year 2002 for Machinery & other equipment (Rs.)

ADDFICAT: Transport equipment - III

Data file: ASI2003

Overview

Valid: 1140 Invalid: 0 Minimum: 0 Maximum: 41038000 Mean: 628707.504 Standard deviation: 2534592.884
 Type: Continuous Decimal: 0 Width: 13 Range: 0 - 41038000 Format: Numeric

Description

DEFINITION

Gross additions of the year 2002 for Transport equipment (Rs.)

OPFICAM: Machinery & other equipment - II

Data file: ASI2003

Overview

Valid: 1140 Invalid: 0 Minimum: 0 Maximum: 13035855923 Mean: 59229407.85 Standard deviation: 417166487.705
 Type: Continuous Decimal: 0 Width: 13 Range: 0 - 13035855923 Format: Numeric

Description

DEFINITION

Book value at the beginning of the year 2002 for Machinery & other equipment (Rs.)

DEPFICAB: Building and other construction -IV

Data file: ASI2003

Overview

Valid: 1140 Invalid: 0 Minimum: 0 Maximum: 131957236 Mean: 1349417.034 Standard deviation: 6087215.566

Type: Continuous Decimal: 0 Width: 13 Range: 0 - 131957236 Format: Numeric

Description

DEFINITION

Depreciations of the year 2002 for building and other construction (Rs.)

DEPFICAM: Machinery & other equipment - IV

Data file: ASI2003

Overview

Valid: 1140 Invalid: 0 Minimum: 0 Maximum: 1360291000 Mean: 7439738.668 Standard deviation: 45314134.818

Type: Continuous Decimal: 0 Width: 13 Range: 0 - 1360291000 Format: Numeric

Description

DEFINITION

Depreciations of the year 2002 for Machinery & other equipment (Rs.)

DEPFICAT: Transport equipment - IV

Data file: ASI2003

Overview

Valid: 1140 Invalid: 0 Minimum: 0 Maximum: 94935000 Mean: 896754.112 Standard deviation: 4050746.192

Type: Continuous Decimal: 0 Width: 13 Range: 0 - 94935000 Format: Numeric

Description

DEFINITION

Depreciations of the year 2002 for Transport equipment (Rs.)

EMP1A: Skilled Male (No.)**Data file: ASI2003****Overview**

Valid: 1140 Invalid: 0 Minimum: 0 Maximum: 7853 Mean: 62.601 Standard deviation: 281.385
 Type: Continuous Decimal: 0 Width: 6 Range: 0 - 7853 Format: Numeric

EMP1B: Skilled Female (No.)**Data file: ASI2003****Overview**

Valid: 1140 Invalid: 0 Minimum: 0 Maximum: 3361 Mean: 102.937 Standard deviation: 287.343
 Type: Continuous Decimal: 0 Width: 6 Range: 0 - 3361 Format: Numeric

SAL1: Skilled male & female - Salaries (Rs.)**Data file: ASI2003****Overview**

Valid: 1140 Invalid: 0 Minimum: 0 Maximum: 2355900000 Mean: 13140094.811 Standard deviation: 75237301.863
 Type: Continuous Decimal: 0 Width: 11 Range: 0 - 2355900000 Format: Numeric

EMP2A: Unskilled Male (No.)**Data file: ASI2003****Overview**

Valid: 1140 Invalid: 0 Minimum: 0 Maximum: 2314 Mean: 29.681 Standard deviation: 107.56
 Type: Continuous Decimal: 0 Width: 6 Range: 0 - 2314 Format: Numeric

EMP2B: Unskilled Female (No.)**Data file: ASI2003****Overview**

Valid: 1140 Invalid: 0 Minimum: 0 Maximum: 3316 Mean: 42.357 Standard deviation: 159.208
 Type: Continuous Decimal: 0 Width: 6 Range: 0 - 3316 Format: Numeric

SAL2: Unskilled male & female - Salaries (Rs.)**Data file: ASI2003**

Overview

Valid: 1140 Invalid: 0 Minimum: 0 Maximum: 402865331 Mean: 5192925.916 Standard deviation: 24164374.229
 Type: Continuous Decimal: 0 Width: 11 Range: 0 - 402865331 Format: Numeric

EMP3A: Administrative/Managerial male (No.)

Data file: ASI2003

Overview

Valid: 1140 Invalid: 0 Minimum: 0 Maximum: 644 Mean: 9.188 Standard deviation: 33.514
 Type: Continuous Decimal: 0 Width: 6 Range: 0 - 644 Format: Numeric

EMP3B: Administrative/Managerial female (No.)

Data file: ASI2003

Overview

Valid: 1140 Invalid: 0 Minimum: 0 Maximum: 150 Mean: 2.256 Standard deviation: 9.156
 Type: Continuous Decimal: 0 Width: 6 Range: 0 - 150 Format: Numeric

SAL3: Total Administrative/Managerial - Salary (Rs.)

Data file: ASI2003

Overview

Valid: 1140 Invalid: 0 Minimum: 0 Maximum: 651600000 Mean: 4307336.085 Standard deviation: 25345720.322
 Type: Continuous Decimal: 0 Width: 11 Range: 0 - 651600000 Format: Numeric

EMP4A: Technical/Supervisory male (No.)

Data file: ASI2003

Overview

Valid: 1140 Invalid: 0 Minimum: 0 Maximum: 1015 Mean: 14.348 Standard deviation: 52.253
 Type: Continuous Decimal: 0 Width: 6 Range: 0 - 1015 Format: Numeric

EMP4B: Technical/Supervisory female (No.)

Data file: ASI2003

Overview

Valid: 1140 Invalid: 0 Minimum: 0 Maximum: 448 Mean: 5.546 Standard deviation: 22.193
 Type: Continuous Decimal: 0 Width: 6 Range: 0 - 448 Format: Numeric

SAL4: Total Technical/Supervisory - Salary (Rs.)**Data file: ASI2003****Overview**

Valid: 1140 Invalid: 0 Minimum: 0 Maximum: 540600000 Mean: 3108411.521 Standard deviation: 19042223.611
 Type: Continuous Decimal: 0 Width: 11 Range: 0 - 540600000 Format: Numeric

EMP5A: Clerical & related male (No.)**Data file: ASI2003****Overview**

Valid: 1140 Invalid: 0 Minimum: 0 Maximum: 979 Mean: 11.391 Standard deviation: 49.078
 Type: Continuous Decimal: 0 Width: 6 Range: 0 - 979 Format: Numeric

EMP5B: Clerical & related female (No.)**Data file: ASI2003****Overview**

Valid: 1140 Invalid: 0 Minimum: 0 Maximum: 971 Mean: 8.854 Standard deviation: 38.758
 Type: Continuous Decimal: 0 Width: 6 Range: 0 - 971 Format: Numeric

SAL5: Total clerical & related - Salaries (Rs.)**Data file: ASI2003****Overview**

Valid: 1140 Invalid: 0 Minimum: 0 Maximum: 936000000 Mean: 3032307.755 Standard deviation: 29794092.17
 Type: Continuous Decimal: 0 Width: 12 Range: 0 - 936000000 Format: Numeric

EMP6A: Other male (No.)**Data file: ASI2003****Overview**

Valid: 1140 Invalid: 0 Minimum: 0 Maximum: 630 Mean: 7.07 Standard deviation: 32.309
 Type: Continuous Decimal: 0 Width: 6 Range: 0 - 630 Format: Numeric

EMP6B: Other female (No.)**Data file: ASI2003****Overview**

Valid: 1140 Invalid: 0 Minimum: 0 Maximum: 415 Mean: 3.426 Standard deviation: 19.164

Type: Continuous Decimal: 0 Width: 6 Range: 0 - 415 Format: Numeric

SAL6: Total other - salaries (Rs.)

Data file: ASI2003

Overview

Valid: 1140 Invalid: 0 Minimum: 0 Maximum: 185060000 Mean: 803969.772 Standard deviation: 5879738.624

Type: Continuous Decimal: 0 Width: 11 Range: 0 - 185060000 Format: Numeric

EMP7A: Working proprietors & active partners - male (No.)

Data file: ASI2003

Overview

Valid: 1140 Invalid: 0

Type: Discrete Decimal: 0 Width: 6 Range: 0 - 22 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		951	83.4%
1		89	7.8%
2		48	4.2%
3		27	2.4%
4		10	0.9%
5		7	0.6%
6		2	0.2%
7		1	0.1%
8		2	0.2%
10		1	0.1%
11		1	0.1%
22		1	0.1%

EMP7B: Working proprietors & active partners - female (No.)

Data file: ASI2003

Overview

Valid: 1140 Invalid: 0

Type: Discrete Decimal: 0 Width: 6 Range: 0 - 14 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		1070	93.9%
1		52	4.6%
2		8	0.7%
3		4	0.4%
4		1	0.1%
5		2	0.2%
8		1	0.1%
12		1	0.1%
14		1	0.1%

EMP8A: Unpaid family workers - male (No.)

Data file: ASI2003

Overview

Valid: 1140 Invalid: 0

Type: Discrete Decimal: 0 Width: 6 Range: 0 - 84 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		1114	97.7%
1		9	0.8%
2		9	0.8%
3		3	0.3%
4		2	0.2%
10		1	0.1%
11		1	0.1%
84		1	0.1%

EMP8B: Unpaid family workers - female (No.)

Data file: ASI2003

Overview

Valid: 1140 Invalid: 0

Type: Discrete Decimal: 0 Width: 6 Range: 0 - 97 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		1129	99%
1		3	0.3%
2		3	0.3%
3		2	0.2%
11		1	0.1%
13		1	0.1%
97		1	0.1%

FPER: Non-nationals persons engaged (No.)

Data file: ASI2003

Overview

Valid: 1140 Invalid: 0

Type: Discrete Decimal: 0 Width: 5 Range: 0 - 32 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		1076	94.4%
1		21	1.8%
2		14	1.2%
3		10	0.9%
4		7	0.6%
5		2	0.2%
6		2	0.2%
7		2	0.2%
8		1	0.1%
9		2	0.2%
15		1	0.1%
20		1	0.1%
32		1	0.1%

FEMP: Non-national employees(No.)**Data file: ASI2003****Overview**

Valid: 1140 Invalid: 0

Type: Discrete Decimal: 0 Width: 5 Range: 0 - 2592 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		1095	96.1%
1		5	0.4%
2		9	0.8%
3		8	0.7%
4		6	0.5%
5		1	0.1%
6		1	0.1%
7		1	0.1%
8		2	0.2%
9		3	0.3%
11		3	0.3%
13		1	0.1%
15		1	0.1%
16		1	0.1%
28		1	0.1%
32		1	0.1%
2592		1	0.1%

FSAL: Non-nationals salaries (Rs.)**Data file: ASI2003****Overview**

Valid: 1140 Invalid: 0 Minimum: 0 Maximum: 59781454 Mean: 460023.623 Standard deviation: 3651297.312

Type: Continuous Decimal: 0 Width: 11 Range: 0 - 59781454 Format: Numeric

WEI_83_8: Weighting factor**Data file: ASI2003**

Overview

Valid: 1140 Invalid: 0
 Type: Discrete Decimal: 4 Width: 8 Range: 1 - 40 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		1139	99.9%
40		1	0.1%

OPFICA: Assets at beginning of the year (Rs)

Data file: ASI2003

Overview

Valid: 1140 Invalid: 0 Minimum: 0 Maximum: 19592317838 Mean: 102916615.46 Standard deviation: 634115882.856
 Type: Continuous Decimal: 2 Width: 8 Range: 0 - 19592317838 Format: Numeric

ADFICA: Gross additions to fixed assets (Rs)

Data file: ASI2003

Overview

Valid: 1140 Invalid: 0 Minimum: 0 Maximum: 2446509873 Mean: 11322040.843 Standard deviation: 78223432.621
 Type: Continuous Decimal: 2 Width: 8 Range: 0 - 2446509873 Format: Numeric

DEFICA: Depreciation of fixed assets of the year (Rs.)

Data file: ASI2003

Overview

Valid: 1140 Invalid: 0 Minimum: 0 Maximum: 1386339000 Mean: 9685909.814 Standard deviation: 49239480.224
 Type: Continuous Decimal: 2 Width: 8 Range: 0 - 1386339000 Format: Numeric

FUEL: Total fuel consumed (Rs.)

Data file: ASI2003

Overview

Valid: 1140 Invalid: 0 Minimum: 0 Maximum: 11161000000 Mean: 22083874.007 Standard deviation: 335257974.285
 Type: Continuous Decimal: 2 Width: 8 Range: 0 - 11161000000 Format: Numeric

OUTPUT: Value of output (Rs)**Data file: ASI2003****Overview**

Valid: 1140 Invalid: 0 Minimum: 35119 Maximum: 41800387000 Mean: 372285350.094 Standard deviation: 2260928469.107
 Type: Continuous Decimal: 2 Width: 8 Range: 35119 - 41800387000 Format: Numeric

RAWP: Raw materials consumed (Rs)**Data file: ASI2003****Overview**

Valid: 1140 Invalid: 0 Minimum: -23319518 Maximum: 38236436000 Mean: 191245243.615 Standard deviation: 1596102539.104
 Type: Continuous Decimal: 2 Width: 8 Range: -23319518 - 38236436000 Format: Numeric

INPUT: Value of input (Rs)**Data file: ASI2003****Overview**

Valid: 1140 Invalid: 0 Minimum: -18269870 Maximum: 38306885000 Mean: 214936739.404 Standard deviation: 1643901343.207
 Type: Continuous Decimal: 2 Width: 8 Range: -18269870 - 38306885000 Format: Numeric

VA: Value added (Rs)**Data file: ASI2003****Overview**

Valid: 1140 Invalid: 0 Minimum: -284253730 Maximum: 28717000000 Mean: 157348610.69 Standard deviation: 1152537259.396
 Type: Continuous Decimal: 2 Width: 8 Range: -284253730 - 28717000000 Format: Numeric

EMPSAL: Salaries & Wages (Rs)**Data file: ASI2003****Overview**

Valid: 1140 Invalid: 0 Minimum: 22659 Maximum: 5045000000 Mean: 29585045.86 Standard deviation: 164754474.407
 Type: Continuous Decimal: 2 Width: 8 Range: 22659 - 5045000000 Format: Numeric

FIXEND: Assets at the end of the year (Rs)**Data file: ASI2003****Overview**

Valid: 1140 Invalid: 0 Minimum: -261188000 Maximum: 21503955621 Mean: 104552746.489 Standard deviation: 684787297.786
 Type: Continuous Decimal: 2 Width: 8 Range: -261188000 - 21503955621 Format: Numeric

EMP1: Operatives (No)**Data file: ASI2003****Overview**

Valid: 1140 Invalid: 0 Minimum: 0 Maximum: 9419 Mean: 237.575 Standard deviation: 536.948
 Type: Continuous Decimal: 2 Width: 8 Range: 0 - 9419 Format: Numeric

EMP2: Other employees (No)**Data file: ASI2003****Overview**

Valid: 1140 Invalid: 0 Minimum: 0 Maximum: 4211 Mean: 62.08 Standard deviation: 193.355
 Type: Continuous Decimal: 2 Width: 8 Range: 0 - 4211 Format: Numeric

EMP3: Working proprietors & Active partners (No)**Data file: ASI2003****Overview**

Valid: 1140 Invalid: 0 Minimum: 0 Maximum: 36 Mean: 0.48 Standard deviation: 1.703
 Type: Continuous Decimal: 2 Width: 8 Range: 0 - 36 Format: Numeric

EMP4: Unpaid family workers (No)**Data file: ASI2003****Overview**

Valid: 1140 Invalid: 0 Minimum: 0 Maximum: 181 Mean: 0.25 Standard deviation: 5.442
 Type: Continuous Decimal: 2 Width: 8 Range: 0 - 181 Format: Numeric

SALA: Salaries for Operatives (Rs.)**Data file: ASI2003****Overview**

Valid: 1140 Invalid: 0 Minimum: 0 Maximum: 2731740000 Mean: 18333020.726 Standard deviation: 91113925.481

Type: Continuous Decimal: 2 Width: 8 Range: 0 - 2731740000 Format: Numeric

SALB: Salaries for Other employees (Rs.)

Data file: ASI2003

Overview

Valid: 1140 Invalid: 0 Minimum: 0 Maximum: 2313260000 Mean: 11252025.133 Standard deviation: 75517105.321

Type: Continuous Decimal: 2 Width: 8 Range: 0 - 2313260000 Format: Numeric

EMPA: Persons engaged male (No)

Data file: ASI2003

Overview

Valid: 1140 Invalid: 0 Minimum: 0 Maximum: 12522 Mean: 134.777 Standard deviation: 478.546

Type: Continuous Decimal: 2 Width: 8 Range: 0 - 12522 Format: Numeric

EMPB: Persons engaged female (No)

Data file: ASI2003

Overview

Valid: 1140 Invalid: 0 Minimum: 0 Maximum: 4239 Mean: 165.608 Standard deviation: 403.097

Type: Continuous Decimal: 2 Width: 8 Range: 0 - 4239 Format: Numeric

EMPC: Persons engaged (No)

Data file: ASI2003

Overview

Valid: 1140 Invalid: 0 Minimum: 25 Maximum: 13630 Mean: 300.385 Standard deviation: 693.609

Type: Continuous Decimal: 2 Width: 8 Range: 25 - 13630 Format: Numeric

EMPNO: Employees (No)

Data file: ASI2003

Overview

Valid: 1140 Invalid: 0 Minimum: 10 Maximum: 13630 Mean: 299.655 Standard deviation: 693.712

Type: Continuous Decimal: 2 Width: 8 Range: 10 - 13630 Format: Numeric

ISIC4: Four digits level industry

Data file: ASI2003

Overview

Valid: 1140 Invalid: 0 Minimum: 2901 Maximum: 4200
 Type: Continuous Decimal: 2 Width: 8 Range: 2901 - 4200 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
2901	2901 Stone, Clay, & Sand pits	8	0.7%
2902	2902 Chemical fertilizer & Mineral	0	0%
2903	2903 Salt	0	0%
2909	2909 Mining & Quarrying nec	5	0.4%
3111	3111 Slaughtering & Preserving meat	0	0%
3112	3112 Dairy products	10	0.9%
3113	3113 Canning Fruit & Vegetables	5	0.4%
3114	3114 Canning & Processing Fish	3	0.3%
3115	3115 Vegetable, Animal oils & Fats	7	0.6%
3116	3116 Grain mill products	2	0.2%
3117	3117 Bakery products	15	1.3%
3118	3118 Sugar Factories & Refineries	2	0.2%
3119	3119 Cocoa, Chocolate & Confectionery	8	0.7%
3121	3121 Food products	312	27.4%
3122	3122 Prepared animal foods	3	0.3%
3131	3131 Distilling, Rectifying spirits	9	0.8%
3132	3132 Wine industries	0	0%
3133	3133 Malt liquors & Malt	0	0%
3134	3134 Soft drinks & Carbonated waters	4	0.4%
3140	3140 Tobacco	12	1.1%
3211	3211 Spinning, Weaving & Finishing	71	6.2%
3212	3212 Made-up textile goods	5	0.4%
3213	3213 Knitting mills	17	1.5%
3214	3214 Carpets & Rugs	9	0.8%
3215	3215 Cordage, Rope & Twine	5	0.4%
3219	3219 Textile nec	3	0.3%
3220	3220 Wearing Apparel	193	16.9%
3231	3231 Tanneries & Leather	5	0.4%
3232	3232 Fur Dressing & Dyeing	0	0%
3233	3233 Leather & Leather substitutes	5	0.4%
3240	3240 Footwear except Rubber or Plastic	10	0.9%
3311	3311 Saw mills & Wood mills	3	0.3%

3312	3312 Wooden & Cane products nec	0	0%
3319	3319 Wood & Cork products nec	11	1%
3320	3320 Furniture & Fixture	13	1.1%
3411	3411 Pulp, Paper & Paperboard	0	0%
3412	3412 Containers,Boxes & Paperboard	15	1.3%
3419	3419 Pulp, Paper, Paperboard items nec	4	0.4%
3420	3420 Printing & Publishing	17	1.5%
3511	3511 Basic Industrial Chemicals	3	0.3%
3512	3512 Fertilizers & Pesticides	3	0.3%
3513	3513 Synthetic fibres, Plastic materials	4	0.4%
3521	3521 Paints, Varnishes & Lacquers	3	0.3%
3522	3522 Drugs & Medicines	9	0.8%
3523	3523 Soap, Perfumes & Other toilet items	5	0.4%
3529	3529 Chemical products nec	7	0.6%
3530	3530 Petroleum refineries	3	0.3%
3540	3540 Petroleum & Coal products	0	0%
3551	3551 Tyre & Tube industries	13	1.1%
3559	3559 Rubber products nec	96	8.4%
3560	3560 Plastic products nec	34	3%
3610	3610 Pottery, China & Earthenware	10	0.9%
3620	3620 Glass & Glass products	3	0.3%
3691	3691 Structural clay products	18	1.6%
3692	3692 Cement, Lime & Plaster	3	0.3%
3699	3699 Non-metallic Mineral products nec	8	0.7%
3710	3710 Iron & Steel basic industries	9	0.8%
3720	3720 Non-ferrous Metal basic industries	0	0%
3811	3811 Cutlery & General hardware	4	0.4%
3812	3812 Metal Furniture & Fixture	6	0.5%
3813	3813 Structural Metal products	0	0%
3819	3819 Fabricated Metal products	19	1.7%
3821	3821 Engines & Turbines	2	0.2%
3822	3822 Agricultural Machinery & Equip..	6	0.5%
3823	3823 Metal & Wood Working Machinery	0	0%
3824	3824 Industrial Machinery & Equipment	0	0%
3825	3825 Computing & Accounting Machinery	0	0%
3829	3829 Machinery & Equipment nec	4	0.4%
3831	3831 Electrical Industrial Machinery	9	0.8%
3832	3832 Radio, TV & Communication Equip..	6	0.5%
3833	3833 Elect.Appliances & Housewares	0	0%

3839	3839 Elect.Apparatus & Supplies nec	9	0.8%
3841	3841 Ship Building & Repairing	4	0.4%
3842	3842 Railroad Equipment	2	0.2%
3843	3843 Motor Vehicles	9	0.8%
3844	3844 Motorcycles & Bicycles	0	0%
3849	3849 Transport equipment nec	0	0%
3851	3851 Professional equipment nec	3	0.3%
3852	3852 Photographic & Optical goods	0	0%
3853	3853 Watches & Clocks	0	0%
3901	3901 Jewellery & Related articles	12	1.1%
3902	3902 Musical Instruments	0	0%
3903	3903 Sporting & Athletic goods	4	0.4%
3909	3909 Industries nec	17	1.5%
4101	4101 Electricity	1	0.1%
4102	4102 Gas	0	0%
4200	4200 Water	1	0.1%

ISIC3: Three digits level industry

Data file: ASI2003

Overview

Valid: 1140 Invalid: 0 Minimum: 1 Maximum: 32
 Type: Continuous Decimal: 2 Width: 8 Range: 1 - 32 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	290 Other Minings	13	1.1%
2	311 Food Manufacturing	52	4.6%
3	312 Food Manufacturing	315	27.6%
4	313 Beverage Industries	13	1.1%
5	314 Tobacco Manufacturing	12	1.1%
6	321 Textiles	110	9.6%
7	322 Wearing Apparel, Except Footwear	193	16.9%
8	323 Manufacturing of Leather & Products	10	0.9%
9	324 Footwear Except Rubber or Plastic	10	0.9%
10	331 Manufacture of Wood & Cork Products	14	1.2%
11	332 Manufacture of Furniture & Fixture	13	1.1%

12	341 Manufacture of Paper & Paper Products	19	1.7%
13	342 Printing Publishing	17	1.5%
14	351 Industrial Chemicals	10	0.9%
15	352 Other Chemical Products	24	2.1%
16	353 Petroleum Refineries	3	0.3%
17	354 Manufacture of Miscellaneous Products	0	0%
18	355 Rubber Products	109	9.6%
19	356 Plastic Products nec.	34	3%
20	361 Pottery, China & Earthenware	10	0.9%
21	362 Glass & Glass Products	3	0.3%
22	369 Other Non-metalic Products	29	2.5%
23	371 Iron & Steel Basic Industries	9	0.8%
24	372 Non-ferrous Metal Basic Industries	0	0%
25	381 Fabricated Metal Products	29	2.5%
26	382 Manufacture of Machinery	12	1.1%
27	383 Electrical Machinery & Supplies	24	2.1%
28	384 Transport Equipment	15	1.3%
29	385 Professional Equipment	3	0.3%
30	390 Other Manufacturing Industries	33	2.9%
31	410 Electricity, Gas & Steam	1	0.1%
32	420 Water Works & Supply	1	0.1%

ISIC2: Two digits level industry

Data file: ASI2003

Overview

Valid: 1140 Invalid: 0 Minimum: 1 Maximum: 12
 Type: Continuous Decimal: 2 Width: 8 Range: 1 - 12 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	29 Other Mining	13	1.1%
2	31 Food, Beverages & Tobacco	392	34.4%
3	32 Textile, Wearing Apparel & Leather	323	28.3%
4	33 Wood, Wood Products & Furniture	27	2.4%
5	34 Paper Products, Printing & Publishing	36	3.2%
6	35 Chemicals, Petroleum, Rubber & Plastic	180	15.8%

7	36 Non-metallic Mineral Products	42	3.7%
8	37 Basic Metal Industries	9	0.8%
9	38 Metal Products, Machinery & Equipment	83	7.3%
10	39 Other Manufacturing Industries	33	2.9%
11	41 Electricity, Gas & Steam	1	0.1%
12	42 Water Works & Supply	1	0.1%

ISIC1: One digit level industry

Data file: ASI2003

Overview

Valid: 1140 Invalid: 0 Minimum: 1 Maximum: 3
 Type: Continuous Decimal: 2 Width: 8 Range: 1 - 3 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	2 Mining & Quarrying	13	1.1%
2	3 Manufacturing	1125	98.7%
3	4 Electricity, Gas & Water	2	0.2%

DIST: District

Data file: ASI2003

Overview

Valid: 1140 Invalid: 0 Minimum: 1 Maximum: 24
 Type: Continuous Decimal: 2 Width: 8 Range: 1 - 24 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Colombo	384	33.7%
2	Gampaha	243	21.3%
3	Kalutara	64	5.6%
4	Kandy	55	4.8%
5	Matale	11	1%
6	Nuwara-Eliya	91	8%
7	Galle	41	3.6%

8	Matara	41	3.6%
9	Hambantota	6	0.5%
10	Jaffna	0	0%
11	Mannar	0	0%
12	Vavuniya	0	0%
13	Mullativu	0	0%
14	Batticaloa	1	0.1%
15	Ampara	1	0.1%
16	Trincomalee	2	0.2%
17	Kurunegala	29	2.5%
18	Puttalam	34	3%
19	Anuradhapura	1	0.1%
20	Polonnaruwa	1	0.1%
21	Badulla	37	3.2%
22	Moneragala	7	0.6%
23	Ratnapura	55	4.8%
24	Kegalle	36	3.2%

PROVINCE: Province

Data file: ASI2003

Overview

Valid: 1140 Invalid: 0 Minimum: 1 Maximum: 9
 Type: Continuous Decimal: 2 Width: 8 Range: 1 - 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Western	691	60.6%
2	Central	157	13.8%
3	Southern	88	7.7%
4	Nothern	0	0%
5	Eastern	4	0.4%
6	North-West	63	5.5%
7	North-Central	2	0.2%
8	Uwa	44	3.9%
9	Sabaragamuwa	91	8%

X: Total**Data file: ASI2003****Overview**

Valid: 1140 Invalid: 0 Minimum: 1 Maximum: 1
Type: Continuous Decimal: 2 Width: 8 Range: 1 - 1 Format: Numeric

Y: No. of establishments (No)**Data file: ASI2003****Overview**

Valid: 1140 Invalid: 0 Minimum: 1 Maximum: 1
Type: Continuous Decimal: 2 Width: 8 Range: 1 - 1 Format: Numeric

Download related resources

Questionnaires

Annual Survey of Industries 2003 - Questionnaire

Title Annual Survey of Industries 2003 - Questionnaire
 Filename ASI SCHEDULE 2003.pdf

Reports

Final Report of Annual Survey of Industries - 2003 (Excluding Tables)

Title Final Report of Annual Survey of Industries - 2003 (Excluding Tables)
 Filename ASI report 2003.pdf

Technical documents

Variable Names for ASI Schedule

Title Variable Names for ASI Schedule
 Filename Variable Name for ASI Schedule.xls

Other materials

Main Program

Title Main Program
 Filename Asi_prg.SPS

Study Documentation of ASI 2003 Project

Title Study Documentation of ASI 2003 Project
 Filename Study Documentation of ASI03 Project.pdf
