India - Annual Survey of Industries Summary 1986-87

Central Statistics Office (Industrial Statistics Wing) - MOSPI, Government of India

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Overview

Identification

ID NUMBER
IND-CSO-ASI-SUMMARY-86-87

Version

VERSION DESCRIPTION
Version1.00: Reorganised Anonymized dataset for publication

PRODUCTION DATE
2012-07-22

Overview

ABSTRACT
Introduction

The Annual Survey of Industries (ASI) is the principal source of industrial statistics in India. It provides statistical information to assess changes in the growth, composition and structure of organised manufacturing sector comprising activities related to manufacturing processes, repair services, gas and water supply and cold storage. Industrial sector occupies an important position in the State economy and has a pivotal role to play in the rapid and balanced economic development. The Survey is conducted annually under the statutory provisions of the Collection of Statistics Act 1953, and the Rules framed there-under in 1959, except in the State of Jammu & Kashmir where it is conducted under the State Collection of Statistics Act, 1961 and the rules framed there-under in 1964.

KIND OF DATA
Census and Sample survey data [cen/ssd]

UNITS OF ANALYSIS
The primary unit of enumeration in the survey is a factory in the case of manufacturing industries, a workshop in the case of repair services, an undertaking or a licensee in the case of electricity, gas & water supply undertakings and an establishment in the case of bidi & cigar industries. The owner of two or more establishments located in the same State and pertaining to the same industry group and belonging to same scheme (census or sample) is, however, permitted to furnish a single consolidated return. Such consolidated returns are common feature in the case of bidi and cigar establishments, electricity and certain public sector undertakings.

Scope

NOTES
The survey covers all the factories registered under Sections 2(m)(i) and 2(m)(ii) of the Factories Act, 1948, i.e. 10 or more workers with the aid of power or 20 or more workers without the aid of power. The survey also covers bidi and cigar manufacturing establishments registered under the Bidi and Cigar Workers (Conditions of Employment) Act 1966. All electricity undertakings engaged in generation, transmission and distribution of electricity, but not registered with the Central Electricity Authority (CEA) are also covered under ASI.

TOPICS

Topic	Vocabulary	URI
Macroeconomics & Growth	World Bank	http://www.surveynetwork.org/toolkit

Topic	Vocabulary	URI
Private Sector and Trade	World Bank	http://www.surveynetwork.org/toolki
Public Sector	World Bank	

KEYWORDS
FIXED CAPITAL, BONUS, WORKING CAPITAL, EMPLOYEES, WAGES AND SALARIES, TOTAL EMOLUMENTS, FUELS CONSUMED, DEPRECIATION, GROSS OUTPUT, NET VALUE ADDED, FINISHED GOODS, PHYSICAL WORKING CAPITAL, TOTAL INPUT, TOTAL OUTPUT, Ownership Code, RENT, Gross Value of Plant & Machinery, Total Inventory, Working Capital, Outstanding Loans, Material Consumed, Stock Of Materials fuels Stores etc., Stock Of Semi-Finished Goods, Contribution to Provident & Other Funds, Invested Capital, Net Income, Profits, Own Construction, Gross Sale value, Quantity of Electricity Purchased, Consumed and sold

Coverage

GEOGRAPHIC COVERAGE
Coverage of the Annual Survey of Industries extends to the entire Factory Sector, comprising industrial units (called factories) registered under section 2(m)(i) and 2(m)(ii) of the Factories Act.1948, wherein a "Factory", which is the primary statistical unit of enumeration for the ASI is defined as:-

"Any premises" including the precincts thereof:-

(i) wherein ten or more workers are working or were working on any day of the preceding twelve months, and in any part of which a manufacturing process is being carried on with the aid of power or is ordinarily so carried on,

or

(ii) wherein twenty or more workers are working or were working on any day of the preceding twelve months, and in any part of which a manufacturing process is being carried on without the aid of power. In addition to section 2(m)(i) & 2(m)(ii) of the Factories Act, 1948, electricity units registered with the Central Electricity Authority and Bidi & Cigar units, registered under the Bidi & Cigar Workers (Conditions of Employment) Act,1966 are also covered in ASI.

UNIVERSE
The survey cover factories registered under the Factory Act 1948.

Establishments under the control of the Defence Ministry,oil storage and distribution units, restaurants and cafes and technical training institutions not producing anything for sale or exchange were kept outside the coverage of the ASI.

Producers and Sponsors

PRIMARY INVESTIGATOR(S)

Name	Affiliation
Central Statistics Office (Industrial Statistics Wing)	MOSPI, Government of India

OTHER PRODUCER(S)

Name	Affiliation	Role
CSO(IS Wing), Kolkata	MOSPI	Analysis, Design and data processing
Field Operation Division, NSSO	MOSPI	Data Collection
Computer Centre	MOSPI	Data dissemination

FUNDING

Name	Abbreviation	Role
MOSPI, Government of India	GOI	

OTHER ACKNOWLEDGEMENTS

Name	Affiliation	Role
Standing Committee on Industrial Statistics	GOI	Formulation and Finalisation of the survey study
Computer Centre	MOSPI	Dissemination and web hosting

Metadata Production

METADATA PRODUCED BY

Name	Abbreviation	Affiliation	Role
Computer Centre	MOSPI, CC	Ministry of Statistics and P I	Documentation of the study

DATE OF METADATA PRODUCTION
2012-07-22

DDI DOCUMENT VERSION
version1.00 (July,2012)

DDI DOCUMENT ID
DDI-IND-CSO-ASI-SUMMARY-86-87

Sampling

Sampling Procedure

Sampling Procedure

All the factories in the updated frame (universe) are divided into two sectors, viz., Census and Sample.

Census Sector: Census Sector is defined as follows:

a) All industrial units belonging to the 12 less industrially developed states/ UT's viz. Goa, Himachal Pradesh, J & K, Manipur, Meghalaya, Nagaland, Tripura, Andaman & Nicobar Islands, Chandigarh, Dadra & Nagar Haveli, Daman & diu and Pondicherry were completely enumerated every year along with census units.

b) For the rest of the states/ UT's., (i) units having 50 or more workers and using power or 100 or more workers without using power and all electricity undertakings.
(ii) all the industry groups for which the total number of units did not exceed 50 at all-India level

c) Remaining units, excluding those of Census Sector, called the sample sector, was covered in two consecutive years (50% samples in alternate years). The sampling strategy was stratified uni-stage with State X NIC 3 digit as stratum. The strata were formed by grouping factories within each State/UT by the industry group at the ultimate digit level of NIC. Thus in each state, each indutry group constitutes a stratum. Within each stratum the districts were first arranged in ascending order of district codes and within each district the factories were then listed in descending order of their employment size. The factories within each stratum having been arranged in the above manner were allotted a running serial number. Factories with odd serial numbers were surveyd in the first year and those with even numbers in the second year of a cycle of two years.

Deviations from Sample Design

There was no deviation from sample design in ASI 1989-90

Weighting

Please note that an inflation factor (Multiplier) WGT is available for each unit against records belonging for ASI Summary 1989-90 data. The multiplier is calculated for each stratum (i.e. State X NIC-04 (4 Digit) after adjusting for non-response cases.

Questionnaires

Overview

Annual Survey of Industries 1988-89 Questionnaire is divided into different blocks : (However only Summarised data is available for processing and analysis). The Summary Results are based on the information provided in the Summary block pf ASI survey schedule. Therefore, there is only on data file in ASI Summary 1988-89.
Record Layout of the merged file is provided.

Data Collection

Data Collection Dates

Start	End	Cycle
1987-07-01	1988-06-30	N/A

Data Collection Mode

Statutory return submitted by factories as well as Face to face

Data Collection Notes

ASI Schedule has two parts: Part-I and Part-II. Part-I of ASI schedule aims to collect data on assets and liabilities, employment and labour cost, receipts, expenses, input items - indigenous and imported, products and by-products, distributive expenses etc. Part-II of ASI schedule aims to collect data on different aspects of labour statistics, namely, working days, mandays worked, absenteeism, labour turnover, man-hours worked, earning and social security benefits.

General Remarks regarding filling up of ASI schedules

The ASI work involves a number of stages. There are some general procedural aspects.
A separate return for each registered factory/electricity supply undertaking should be submitted as a rule. In following this, the aspects to be taken note of are:
Unless ownership has changed during the reference year, only one return is to be compiled for one factory.
If a part of a registered factory has been operated by the owner and another part by the occupier the total manufacturing activities of both the owner and the occupier should be duly recorded in one return.
If the factory as a whole has been rented out, the return for the factory may be filled from the occupier's point of view.
If for a factory, which is served with notice, is found that its products are meant for training of inmates and has no sale value and are produced as a product during training, the facts may be reported to the Statistics Authority and data need not be collected This is normally applicable to Training Centers and Jails which are registered as factories. Further, workshop in jails registered under factories Act should be canvassed for ASI only when the products of the workshop are meant for sale. In case the products are not sold but are incidental to training to the convicts engaged at the workshop, such a workshop is outside the purviews of ASI.

Submission of Joint Returns
Although, as per rules for such registered unit of inquiry a separate return should be furnished, in special circumstances, where the accounts of two or more registered units cannot be bifurcated factory wise a joint return may be accepted in a particular ASI if all the following conditions are fulfilled:
They are located in the same State.
They belong to the Census Scheme i.e. 100 or more workers only.
They belong to the same industry at the ultimate NIC code level.

There will be no joint return in sample sector. Also there will be no joint return with Census and Sample. In such cases appropriate apportions should be done to avoid any complications in estimation different parameters. In census sector also appropriate apportions should be made if some changes occur in joint returns.

Questionnaires

Annual Survey of Industries 1988-89 Questionnaire is divided into different blocks : (However only Summarised data is available for processing and analysis). The Summary Results are based on the information provided in the Summary block pf ASI survey schedule. Therefore, there is only on data file in ASI Summary 1988-89.
Record Layout of the merged file is provided.

Data Collectors

Name	Abbreviation	Affiliation
NSSO(Field Operation Division)	NSSO(FOD)	Ministry of Statistics and Programme Implementation

Supervision

NSSO under the Ministry of Statistics and PI, Government of India is responsible for supervision of data collection.

Name	Abbreviation	Affiliation
NSSO(Field Operation Division)	NSSO(FOD)	Ministry of Statistics and Programme Implementation

Supervision

Data Processing

Data Editing

Pre-data entry scrutiny was carried out on the schedules for inter and intra block consistency checks. Such editing was mostly manual, although some editing was automatic. But, for major inconsistencies, the schedules were referred back to NSSO (FOD) for clarifications/modifications.

Code list, State code list, NIC 70, NIC 87, Concordance Table and ASICC code may be refered in the External Resources which are used for editing and data processing as well..

Other Processing

After pre-data entry scrutiny, all the scrutinised schedules were entered by manual typing through data entry software which was prepared in house. CSO has full fledged Data Processing Centre with technical staff to take up all the processing activities. After data entry, verification of the schedules was also done programmatically. After all kinds of coverage checks and verification, logical validation was done and then the SUMMARISED Data was created for the purpose of tabulation.

The results of ASI are produced in the form of two volumes. Apart from the main reports on the Summary Results, a second report entitled Supplement to ASI : Summary Results for Factory Sector by State X Industry furnished data at state bt 3 - Digit levels. It contains state-wise information at 3-Digit level unlike the Summary Results, which gives only at 2-Digit level.

Data Appraisal

Estimates of Sampling Error

Relative Standard Error (RSE) is calculated in terms of worker, wages to worker and GVA using the formula. Programs developed in Visual Foxpro are used to compute the RSE of estimates.

Other forms of Data Appraisal

To check for consistency and reliability of data the same are compared with the NIC-2digit level growth rate at all India Index of Production (IIP) and the growth rates obtained from the National Accounts Statistics at current and constant prices for the registered manufacturing sector.

File Description

Variable List

ASI_Summary_86_87

Content	ASI SUMMARY 1986-87 : Summarised data is only available for processing and analysis). The Summary Results are based on the information provided in the Summary block of ASI survey schedule. Therefore, there is only one data file in ASI Summary 1986-87. Following are fields description in the data set: Ownership Code ,Organisation Code, Management Code, Scheme Code, Serial No. as given in Schedules Permanent Serial No. ,Location Code, Area Code, Year of Initial Production, Open-Close Code, Power Code Ancillary Code, Multiplier, No. of Factories, Fixed Capital, Total Rent, Gross Value of Plant & Machinery Total Inventory, Working Capital, Outstanding Loans, Mandays Employees, Workers (Nos.) Total Persons Engaged, Wages to Workers, Salaries to Employees, Bonus to Employees Addition due to Revaluation, Total value of Benefits, Fuels Consumed, Material Consumed Other Expenditure, Total Input, Interest, Receipts from Services rendered to others Other Output/receipts, Total Output, Depreciation, Value Added, Stock Of Materials fuels Stores etc. Stock Of Semi-Finished Goods, Stock Of Finished Goods, Increase in Stock of Finished Goods Labour Cost, Contribution to Provident & Other Funds, Workmen and Staff Welfare Expenses Invested Capital, Wages to Workers (Including Bonus to Workers), Total Emoluments Other Input, Net Income, Value of addition to Fixed Capital, Variation in Stock of Semi-Finished Goods Profits, Gross Fixed Capital, Quantity of Electricity consumed, Productive Capital Own Construction, Gross Sale value, Quantity of Electricity Purchased, Distributive Expenses Value of Electricity Sold, Quantity of Electricity Produced (K.W.H.) Quantity of Electricity Sold (K.W.H.), Quantity of Electricity Consumed (K.W.H.) etc. These data items are named as Itm followed by Sr. No. in the record layout. Please note that Unwanted data items mostly shown as Filler in lay out have been deleted from the data set.
Cases	58182
Variable(s)	99
Structure	Type: Keys: ()
Version	
Producer	CSO(IS Wing)
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V1	Part_CD	Part Code	discrete	numeric	Part Code
V2	MSchm_CD	Modified Scheme Code	discrete	numeric	Modified Scheme Code
V3	State	State Code	discrete	numeric	State Code
V4	S_No	Running Serial No	contin	numeric	Running Serial No
V5	IND_CD	NIC-70(1) Original NIC70	contin	numeric	National Industrial Classification NIC 87 code
V12	WGT	Multiplier	contin	numeric	Multiplier
V13	Itm12	Year of Survey	discrete	numeric	Year of Survey
V15	Itm14	Dummy State Code	contin	numeric	Dummy State Code
V16	Itm15	Region code	contin	numeric	Region Code
V17	Itm16	Ownership Code	discrete	numeric	Type of ownership (code)
V18	Itm17	Organisation Code	discrete	numeric	Type of Organisation (code)
V19	Itm18	Management Code	discrete	numeric	T^ype of Management Code
V20	Itm19	Scheme Code	discrete	numeric	Type of Scheme code- Census-1, Sample -2
V21	Itm20	District Code	contin	numeric	District Code
V22	Itm21	Block Code	contin	numeric	Block Code

ID	Name	Label	Type	Format	Question
V23	Itm22	Serial No. as given in Schedules	contin	numeric	Serial No. as given in Schedules
V24	Itm23	Permanent Serial No	contin	numeric	Permanent Serial No
V25	Itm24	Location Code	discrete	numeric	Location Code
V26	Itm25	Area Code	discrete	numeric	Location Code
V27	Itm26	Year of Initial Production	contin	numeric	Year of Initial Production
V28	Itm27	Year of Initial Production Code	discrete	numeric	Year of Initial Production Code
V29	Itm28	Open-Close Code	discrete	numeric	Whether Opened/Closed
V30	Itm29	Power Code	discrete	numeric	Type of power used (code)
V35	Itm33a	Ancillary Code	discrete	numeric	Ancillary Code
V36	Itm34	Registered	discrete	numeric	Registered
V37	Itm34a	Employment code in schedule	discrete	numeric	Employment code in schedule
V38	Itm35	No. of Factories	contin	numeric	No. of Factories
V39	Itm36	Opening Value of Land	contin	numeric	Opening Value of Land
V40	Itm37	Closing Value of Land	contin	numeric	Closing Value of Land
V41	Itm38	Fixed Capital (Opening)	contin	numeric	Fixed Capital (Opening)
V42	Itm39	Fixed Capital (Closing)	contin	numeric	Fixed Capital (Closing)
V43	Itm40	Month of A/C year	contin	numeric	Months of A/C Year
V44	Itm41	Total Rent	contin	numeric	Total Rent
V45	Itm42	Gross Value of Plant & Machinery	contin	numeric	Gross Value of Plant & Machinery
V46	Itm43	Total Inventory (Opening)	contin	numeric	Total Inventory (Opening)
V47	Itm44	Total Inventory (Closing)	contin	numeric	Total Inventory (Closing)
V48	Itm45	Working Capital (Opening)	contin	numeric	Working Capital (Opening)
V49	Itm46	Working Capital (Closing)	contin	numeric	Working Capital (Closing)
V50	Itm47	Outstanding Loans (Opening)	contin	numeric	Outstanding Loans (Opening)
V51	Itm48	Outstanding Loans (Closing)	contin	numeric	Outstanding Loans (Closing)
V52	Itm49	Mandays Employees	contin	numeric	Mandays Employees
V53	Itm50	Workers (Nos.)	contin	numeric	Workers (Nos.)
V54	Itm51	Total Persons Engaged	contin	numeric	Total Persons Engaged
V55	Itm52	Wages to Workers	contin	numeric	Wages to Workers
V56	Itm53	Salaries to Employees	contin	numeric	Salaries to Employees
V57	Itm54	Bonus to Employees	contin	numeric	Bonus to Employees
V58	Itm55	Imputed Value of Benefits in kinds	contin	numeric	Imputed Value of Benefits in kinds
V59	Itm56	Total value of Benefits	contin	numeric	Total value of Benefits
V60	Itm57	Fuels Consumed	contin	numeric	Fuels Consumed
V61	Itm58	Material Consumed	contin	numeric	Material Consumed
V62	Itm59	Industrial Services Purchased	contin	numeric	Other Expenditure
V63	Itm60	Non-industrial Services Purchased	contin	numeric	
V64	Itm61	Total Input	contin	numeric	Total Input

ID	Name	Label	Type	Format	Question
V65	Itm62	Interest	contin	numeric	Interest
V66	Itm63	Receipts from Services rendered to others	contin	numeric	Receipts from Services rendered to others
V67	Itm64	Product	contin	numeric	Product
V68	Itm65	Other Output/receipts	contin	numeric	Other Output/receipts
V69	Itm66	Total Output	contin	numeric	Total Output
V70	Itm67	Depreciation	contin	numeric	Depreciation
V71	Itm68	Value Added	contin	numeric	Value Added
V72	Itm69	Stock Of Material fuels, Stores etc. (Opening)	contin	numeric	Stock Of Material fuels Stores etc. (Opening)
V73	Itm70	Stock Of Materials fuels, Stores etc. (Closing)	contin	numeric	Stock Of Materials fuels Stores etc. (Closing)
V74	Itm71	Stock Of Semi-Finished Goods (Opening)	contin	numeric	Stock Of Semi-Finished Goods (Opening)
V75	Itm72	Stock Of Semi-Finished Goods (Closing)	contin	numeric	Stock Of Semi-Finished Goods (Closing)
V76	Itm73	Products & By Products (Opening)	contin	numeric	Products & By products (Opening)
V77	Itm74	Products & By products (Closing)	contin	numeric	Products & By products (Closing)
V78	Itm75	No. of Working Days	contin	numeric	No. of Working Days
V79	Itm76	All Workers Mandays	contin	numeric	All Workers Mandays
V80	Itm77	Bonus Paid to Workers	contin	numeric	Bonus Paid to Workers
V81	Itm78	All Employees (Nos.)	contin	numeric	All Employees (Nos.)
V82	Itm79	Bonus paid to employees	contin	numeric	Bonus paid to employees
V83	Itm80	Employees Contribution to Old age benefits	contin	numeric	Employees Contribution to Old age benefits
V84	Itm81	Employees Contribution to other benefits	contin	numeric	Employees Contribution to other benefits (other social security charges)
V86	Itm83	Direct exp. maternity benefits etc.	contin	numeric	Direct exp. maternity benefits etc.
V87	Itm84	Other Group benefits	contin	numeric	Other Group benefits
V88	Itm85	Rent other than use of Land	contin	numeric	Rent other than use of Land
V89	Itm86	Invested Capital	contin	numeric	Invested Capital
V90	Itm87	Wages to Workers (Including Bonus to Workers)	contin	numeric	Wages to Workers (Including Bonus to Workers)
V91	Itm88	Total Emoluments	contin	numeric	Total Emoluments
V92	Itm89	Other Input	contin	numeric	Other Input
V93	Itm90	Net Income	contin	numeric	Net Income
V94	Itm91	Value of addition to Fixed Capital	contin	numeric	Value of addition to Fixed Capital
V95	Itm92	Variation in Stock of Semi-Finished Goods	contin	numeric	Variation in Stock of Semi-Finished Goods
V96	Itm93	Profits	contin	numeric	Profits
V97	Itm94	Gross Fixed Capital	contin	numeric	Gross Fixed Capital
V98	Itm95	Addition in Stock of Materials	contin	numeric	Addition in Stock of Materials

ID	Name	Label	Type	Format	Question
V99	Itm96	Addition in Stock of Materials (Semi-Finished Goods)	contin	numeric	Addition in Stock of Materials (Semi-Finished Goods)
V100	Itm97	Addition in Stock of Finished Goods	contin	numeric	Addition in Stock of Finished Goods
V101	Itm98	Gross Capital Formation	contin	numeric	Gross Capital Formation
V102	Itm99	Other employees benefits	contin	numeric	Other employees benefits
V103	Itm100	Productive Capital	contin	numeric	Productive Capital
V104	Itm101	Own Construction	contin	numeric	Own Construction
V105	Itm102	Gross Sale value	contin	numeric	Gross Sale value
V106	Itm103	Quantity of Electricity Purchased	contin	numeric	Quantity of Electricity Purchased
V107	Itm104	Distributive Expenses	contin	numeric	Distributive Expenses
V108	Itm105	Value of Electricity Sold	contin	numeric	Value of Electricity Sold
V109	Itm106	Quantity of Electricity Produced (K.W.H.)	contin	numeric	Quantity of Electricity Produced (K.W.H.)
V110	Itm107	Quantity of Electricity Sold (K.W.H.)	contin	numeric	Quantity of Electricity Sold (K.W.H.)
V111	Itm108	Quantity of Electricity Consumed (K.W.H.)	contin	numeric	Quantity of Electricity Consumed (K.W.H.)

Part Code (Part_CD)
File: ASI_Summary_86_87

Overview	
Type: Discrete	Valid cases: 58182
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 1
Range: 1-2	Mean: 1

Literal question

Part Code

Modified Scheme Code (MSchm_CD)
File: ASI_Summary_86_87

Overview	
Type: Discrete	Valid cases: 58182
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-3	

Literal question

Modified Scheme Code

State Code (State)
File: ASI_Summary_86_87

Overview	
Type: Discrete	Valid cases: 58182
Format: numeric	Invalid: 0
Width: 2	Minimum: 11
Decimals: 0	Maximum: 54
Range: 2-55	

Literal question

State Code

Running Serial No (S_No)
File: ASI_Summary_86_87

Overview	
Type: Continuous	Valid cases: 58182
Format: numeric	Invalid: 0
Width: 5	Minimum: 1
Decimals: 0	Maximum: 36829
Range: 0-90004	Mean: 8024
	Standard deviation: 10811.2

Literal question

Running Serial No

NIC-70(1) Original NIC70 (IND_CD)
File: ASI_Summary_86_87

NIC-70(1) Original NIC70 (IND_CD)
File: ASI_Summary_86_87

Overview	
Type: Continuous	Valid cases: 58182
Format: numeric	Invalid: 0
Width: 4	Minimum: 2000
Decimals: 0	Maximum: 9790
Range: 2001-9790	Mean: 3143.8
	Standard deviation: 1382.5

Description	

National Indutrial Classificati NIC 70

Literal question	

National Industrial Classification NIC 87 code

Multiplier (WGT)
File: ASI_Summary_86_87

Overview	
Type: Continuous	Valid cases: 58182
Format: numeric	Invalid: 0
Width: 4	Minimum: 1
Decimals: 2	Maximum: 2
Range: 1-2	Mean: 1.6
	Standard deviation: 0.5

Literal question	

Multiplier

Year of Survey (Itm12)
File: ASI_Summary_86_87

Overview	
Type: Discrete	Valid cases: 58182
Format: numeric	Invalid: 0
Width: 4	
Decimals: 0	
Range: 8687-9495	

Literal question	

Year of Survey

Dummy State Code (Itm14)
File: ASI_Summary_86_87

Overview	
Type: Continuous	Valid cases: 58182
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 27
Range: 1-28	Mean: 11.8
	Standard deviation: 7.1

Literal question	

Dummy State Code

Region code (Itm15)
File: ASI_Summary_86_87

Overview	
Type: Continuous	Valid cases: 58182
Format: numeric	Invalid: 0
Width: 4	Minimum: 1
Decimals: 0	Maximum: 12
Range: 0-2621	Mean: 3.9
	Standard deviation: 3

Literal question

Region Code

Ownership Code (Itm16)
File: ASI_Summary_86_87

Overview	
Type: Discrete	Valid cases: 58182
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 7
Range: 1-9	Mean: 3

Literal question

Type of ownership (code)

Organisation Code (Itm17)
File: ASI_Summary_86_87

Overview	
Type: Discrete	Valid cases: 58182
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	Mean: 3.2

Literal question

Type of Organisation (code)

Management Code (Itm18)
File: ASI_Summary_86_87

Overview	
Type: Discrete	Valid cases: 58182
Format: numeric	Invalid: 0
Width: 1	Minimum: 0
Decimals: 0	Maximum: 9
Range: 0-9	Mean: 2

Literal question

T^ype of Management Code

Scheme Code (Itm19)
File: ASI_Summary_86_87

Scheme Code (Itm19)
File: ASI_Summary_86_87

Overview	

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-9

Valid cases: 58182
Invalid: 0

Literal question

Type of Scheme code- Census-1, Sample -2

District Code (Itm20)
File: ASI_Summary_86_87

Overview	

Type: Continuous
Format: numeric
Width: 2
Decimals: 0
Range: 1-63

Valid cases: 58182
Invalid: 0
Minimum: 1
Maximum: 80
Mean: 10.4
Standard deviation: 9.7

Literal question

District Code

Block Code (Itm21)
File: ASI_Summary_86_87

Overview	

Type: Continuous
Format: numeric
Width: 2
Decimals: 0
Range: 0-99

Valid cases: 58182
Invalid: 0
Minimum: 0
Maximum: 96
Mean: 3
Standard deviation: 6.4

Literal question

Block Code

Serial No. as given in Schedules (Itm22)
File: ASI_Summary_86_87

Overview	

Type: Continuous
Format: numeric
Width: 5
Decimals: 0
Range: 100-90457

Valid cases: 58182
Invalid: 0
Minimum: 7
Maximum: 92477
Mean: 11344.8
Standard deviation: 1263.6

Literal question

Serial No. as given in Schedules

Permanent Serial No (Itm23)
File: ASI_Summary_86_87

Overview	

Type: Continuous
Format: numeric
Width: 5
Decimals: 0
Range: 0-99212

Valid cases: 58182
Invalid: 0
Minimum: 0
Maximum: 95205
Mean: 12266.6
Standard deviation: 4128.1

Literal question

Permanent Serial No

Interviewer instructions

This number is provided by FOD offices while collecting the list from CIF and duly numbered list send to CSO (IS Wing), Kolkata for updation of frame. This number is unique in State X NIC X Sector. Number has been provided for all the selected factories both under Census Sector and the Sample Sector and the same is to be reported by the field staff of FOD both in Parts I & II. These items will be copied from the sample list.

Location Code (Itm24)
File: ASI_Summary_86_87

Overview	

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-9

Valid cases: 58182
Invalid: 0
Minimum: 0
Maximum: 9
Mean: 1.8

Literal question

Location Code

Area Code (Itm25)
File: ASI_Summary_86_87

Overview	

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-9

Valid cases: 58182
Invalid: 0
Minimum: 0
Maximum: 9
Mean: 1.7

Literal question

Location Code

Year of Initial Production (Itm26)
File: ASI_Summary_86_87

Overview	

Type: Continuous
Format: numeric
Width: 4
Decimals: 0
Range: 0-9923

Valid cases: 58182
Invalid: 0
Minimum: 0
Maximum: 9929
Mean: 1963.6
Standard deviation: 160.3

Literal question

Year of Initial Production

Year of Initial Production Code (Itm27)
File: ASI_Summary_86_87

Overview

Type: Discrete	Valid cases: 58182
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

Literal question

Year of Initial Production Code

Open-Close Code (Itm28)
File: ASI_Summary_86_87

Overview

Type: Discrete	Valid cases: 58182
Format: numeric	Invalid: 0
Width: 1	Minimum: 0
Decimals: 0	Maximum: 9
Range: 0-9	Mean: 0.1

Literal question

Whether Opened/Closed

Power Code (Itm29)
File: ASI_Summary_86_87

Overview

Type: Discrete	Valid cases: 58182
Format: numeric	Invalid: 0
Width: 1	Minimum: 0
Decimals: 0	Maximum: 9
Range: 0-9	Mean: 1.7

Literal question

Type of power used (code)

Ancillary Code (Itm33a)
File: ASI_Summary_86_87

Overview

Type: Discrete	Valid cases: 58182
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 0-9	

Literal question

Ancillary Code

Registered (Itm34)
File: ASI_Summary_86_87

Overview

Registered (Itm34)
File: ASI_Summary_86_87

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-9

Valid cases: 58076
Invalid: 106
Minimum: 1
Maximum: 9
Mean: 2.5

Literal question

Registered

Employment code in schedule (Itm34a)
File: ASI_Summary_86_87

Overview

Type: Discrete
Format: numeric
Width: 2
Decimals: 0
Range: 1-12

Valid cases: 58182
Invalid: 0

Literal question

Employment code in schedule

No. of Factories (Itm35)
File: ASI_Summary_86_87

Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 1-843

Valid cases: 58182
Invalid: 0
Minimum: 0
Maximum: 560
Mean: 1.1
Standard deviation: 4.7

Literal question

No. of Factories

Opening Value of Land (Itm36)
File: ASI_Summary_86_87

Overview

Type: Continuous
Format: numeric
Width: 11
Decimals: 0
Range: -95763-53219403343

Valid cases: 58182
Invalid: 0
Minimum: -19428
Maximum: 43603816000
Mean: 1530336
Standard deviation: 208402806.7

Literal question

Opening Value of Land

Closing Value of Land (Itm37)
File: ASI_Summary_86_87

Closing Value of Land (Itm37)
File: ASI_Summary_86_87

Overview

Type: Continuous	Valid cases: 58182
Format: numeric	Invalid: 0
Width: 11	Minimum: 0
Decimals: 0	Maximum: 44632000000
Range: -39000-1111077209	Mean: 1572397.3
	Standard deviation: 236993856.3

Literal question

Closing Value of Land

Fixed Capital (Opening) (Itm38)
File: ASI_Summary_86_87

Overview

Type: Continuous	Valid cases: 58182
Format: numeric	Invalid: 0
Width: 12	Minimum: -80817
Decimals: 0	Maximum: 36981763699
Range: 0-105917496862	Mean: 10163463.4
	Standard deviation: 317328708.1

Description

FIXED CAPITAL represents the depreciated value of fixed assets owned by the factory as on the closing day of the accounting year. Fixed assets are those that have a normal productive life of more than one year. Fixed capital includes land including lease- hold land, buildings, plant and machinery, furniture and fixtures, transport equipment, water system and roadways and other fixed assets such as hospitals, schools etc. used for the benefit of factory personnel.

Literal question

Fixed Capital (Opening)

Fixed Capital (Closing) (Itm39)
File: ASI_Summary_86_87

Overview

Type: Continuous	Valid cases: 58182
Format: numeric	Invalid: 0
Width: 12	Minimum: 0
Decimals: 0	Maximum: 42140030850
Range: 0-112195782060	Mean: 11260010.4
	Standard deviation: 353309970.1

Description

FIXED CAPITAL represents the depreciated value of fixed assets owned by the factory as on the closing day of the accounting year. Fixed assets are those that have a normal productive life of more than one year. Fixed capital includes land including lease- hold land, buildings, plant and machinery, furniture and fixtures, transport equipment, water system and roadways and other fixed assets such as hospitals, schools etc. used for the benefit of factory personnel.

Literal question

Fixed Capital (Closing)

Month of A/C year (Itm40)
File: ASI_Summary_86_87

Overview

Month of A/C year (Itm40)
File: ASI_Summary_86_87

Type: Continuous
Format: numeric
Width: 11
Decimals: 0
Range: 0-0

Valid cases: 58182
Invalid: 0
Minimum: -244
Maximum: 23310403584
Mean: 516790
Standard deviation: 100300669.9

Literal question

Months of A/C Year

Total Rent (Itm41)
File: ASI_Summary_86_87

Overview

Type: Continuous
Format: numeric
Width: 9
Decimals: 0
Range: -12819981-906131872

Valid cases: 58182
Invalid: 0
Minimum: -970709
Maximum: 174778732
Mean: 55252
Standard deviation: 904724.3

Literal question

Total Rent

Gross Value of Plant & Machinery (Itm42)
File: ASI_Summary_86_87

Overview

Type: Continuous
Format: numeric
Width: 12
Decimals: 0
Range: 0-350700239510

Valid cases: 58182
Invalid: 0
Minimum: -321
Maximum: 10000000327
Mean: 188277.2
Standard deviation: 41462395.7

Description

GROSS VALUE OF PLANT OF MACHINERY represents the total original (undepreciated) value of installed plant and machinery at the end of the accounting year. It includes the book value of the newly installed plants and machinery and the approximate value of rented in plants and machinery at the time of renting-in but excludes the value of rented-out plants and machinery. Total value of all the plants and machinery acquired on hire - purchase basis is also included.

Literal question

Gross Value of Plant & Machinery

Total Inventory (Opening) (Itm43)
File: ASI_Summary_86_87

Overview

Type: Continuous
Format: numeric
Width: 11
Decimals: 0
Range: 0-18473277000

Valid cases: 58182
Invalid: 0
Minimum: 0
Maximum: 6519632000
Mean: 4533108.7
Standard deviation: 58827604.1

Literal question

Total Inventory (Opening)

Total Inventory (Closing) (Itm44)
File: ASI_Summary_86_87

Overview	
Type: Continuous	Valid cases: 58182
Format: numeric	Invalid: 0
Width: 11	Minimum: -1187680
Decimals: 0	Maximum: 5262154000
Range: -5561433-15613888000	Mean: 4958063.5
	Standard deviation: 57186072.3

Literal question

Total Inventory (Closing)

Working Capital (Opening) (Itm45)
File: ASI_Summary_86_87

Overview	
Type: Continuous	Valid cases: 58182
Format: numeric	Invalid: 0
Width: 12	Minimum: -10619899075
Decimals: 0	Maximum: 9053979985
Range: -35583630669-21142146134	Mean: 3247997.9
	Standard deviation: 86468849.4

Description

WORKING CAPITAL is the sum total of the physical working capital as already defined above and the cash deposits in hand and at bank and the net balance receivable over amounts payable at the end of the accounting year. Working capital, however, excludes unused overdraft facility, fixed deposits irrespective of duration, advances for acquisition of fixed assets, loans and advances by proprietors and partners irrespective of their purpose and duration, long-term loans including interest thereon and investments.

Literal question

Working Capital (Opening)

Working Capital (Closing) (Itm46)
File: ASI_Summary_86_87

Overview	
Type: Continuous	Valid cases: 58182
Format: numeric	Invalid: 0
Width: 12	Minimum: -11674658158
Decimals: 0	Maximum: 7525469504
Range: -21041893000-24119667675	Mean: 3552157.9
	Standard deviation: 85013317

Description

WORKING CAPITAL is the sum total of the physical working capital as already defined above and the cash deposits in hand and at bank and the net balance receivable over amounts payable at the end of the accounting year. Working capital, however, excludes unused overdraft facility, fixed deposits irrespective of duration, advances for acquisition of fixed assets, loans and advances by proprietors and partners irrespective of their purpose and duration, long-term loans including interest thereon and investments.

Literal question

Working Capital (Closing)

Outstanding Loans (Opening) (Itm47)
File: ASI_Summary_86_87

Outstanding Loans (Opening) (Itm47)
File: ASI_Summary_86_87

Overview	
Type: Continuous	Valid cases: 58182
Format: numeric	Invalid: 0
Width: 12	Minimum: -3466056
Decimals: 0	Maximum: 45675824464
Range: -9449121-108574980866	Mean: 9602887.2
	Standard deviation: 302662926.6

Description

OUTSTANDING LOANS represent all loans whether short term or long term, whether interest bearing or not, outstanding according to the books of the factory as on the closing day of the accounting year.

Literal question

Outstanding Loans (Opening)

Interviewer instructions

Opening Outstanding loans to be filled.

Outstanding Loans (Closing) (Itm48)
File: ASI_Summary_86_87

Overview	
Type: Continuous	Valid cases: 58182
Format: numeric	Invalid: 0
Width: 12	Minimum: -3756888
Decimals: 0	Maximum: 71539154137
Range: -52664239-116778956583	Mean: 11603954.9
	Standard deviation: 421053375.3

Description

OUTSTANDING LOANS represent all loans whether short term or long term, whether interest bearing or not, outstanding according to the books of the factory as on the closing day of the accounting year.

Literal question

Outstanding Loans (Closing)

Interviewer instructions

Closing Outstanding loans to be filled.

Mandays Employees (Itm49)
File: ASI_Summary_86_87

Overview	
Type: Continuous	Valid cases: 58182
Format: numeric	Invalid: 0
Width: 8	Minimum: 0
Decimals: 0	Maximum: 35816355
Range: 0-55633813	Mean: 36764.3
	Standard deviation: 384502

Description

EMPLOYEES include all workers defined above and persons receiving wages and holding supervisory or managerial positions engaged in administrative office, store keeping section and welfare section, sales department as also those engaged in purchase of raw materials etc. or purchase of fixed assets for the factory and watch and ward staff.

MANDAYS represent the total number of days worked and the number of days paid for during the accounting year .It is obtained by summing-up the number of persons of specified categories attending in each shift over all the shifts worked on all days.

Literal question

Mandays Employees (Itm49)
File: ASI_Summary_86_87

Mandays Employees

Workers (Nos.) (Itm50)
File: ASI_Summary_86_87

Overview

Type: Continuous
Format: numeric
Width: 6
Decimals: 0
Range: 0-133974

Valid cases: 58182
Invalid: 0
Minimum: 0
Maximum: 86145
Mean: 90.5
Standard deviation: 774.5

Description

WORKERS are defined to include all persons employed directly or through any agency whether for wages or not and engaged in any manufacturing process or in cleaning any part of the machinery or premises used for manufacturing process or in any other kind of work incidental to or connected with the manufacturing process or the subject of the manufacturing process. Labour engaged in the repair and maintenance or production of fixed assets for factory's own use or labour employed for generating electricity or producing coal, gas etc. are included.

Literal question

Workers (Nos.)

Total Persons Engaged (Itm51)
File: ASI_Summary_86_87

Overview

Type: Continuous
Format: numeric
Width: 6
Decimals: 0
Range: 0-152421

Valid cases: 58182
Invalid: 0
Minimum: 0
Maximum: 98127
Mean: 117.4
Standard deviation: 1039.1

Description

TOTAL PERSONS ENGAGED include the employees as defined above and all working proprietors and their family members who are actively engaged in the work of the factory even without any pay and the unpaid members of the co-operative societies who worked in or for the factory in any direct and productive capacity.

The number of workers or employees is an average number obtained by dividing mandays worked by the number of days the factory had worked during the reference year.

Literal question

Total Persons Engaged

Wages to Workers (Itm52)
File: ASI_Summary_86_87

Overview

Type: Continuous
Format: numeric
Width: 10
Decimals: 0
Range: 0-4658037891

Valid cases: 58182
Invalid: 0
Minimum: 0
Maximum: 1495857411
Mean: 1183728.2
Standard deviation: 13669484.9

Description

Wages to Workers (Itm52)
File: ASI_Summary_86_87

WAGES AND SALARIES are defined to include all remuneration in monetary terms and also payable more or less regularly in each pay period to workers as compensation for work done during the accounting year. It includes (a) direct wages and salary (i.e., basic wages/salaries, payment of overtime, dearness, compensatory, house rent and other allowances) (b) remuneration for the period not worked (i.e., basic wages, salaries and allowances payable for leave period, paid holiday, lay- off payments and compensation for unemployment, if not paid from sources other than employers) (c) bonus and ex-gratia payment paid both at regular and less frequent intervals (i.e., incentive bonuses, productive bonuses, profit sharing bonuses, festival or year-end bonuses etc.) It excludes lay off payments which are made from trust or other special funds set up exclusively for this purpose i.e., payments not made by the employer. It also excludes imputed value of benefits in kind, employer's contribution to old age benefits and other social security charges, direct expenditure on maternity benefits creches and other group benefits Travelling and other expenditure incurred for business purposes and reimbursed by the employer are excluded. The wages are expressed in terms of gross value i.e., before deduction for fines, damages, taxes, provident fund, employee's state insurance contribution etc.

Literal question

Wages to Workers

Salaries to Employees (Itm53)
File: ASI_Summary_86_87

Overview

Type: Continuous	Valid cases: 58182
Format: numeric	Invalid: 0
Width: 10	Minimum: -1989677
Decimals: 0	Maximum: 1980481952
Range: 0-6382433400	Mean: 1804674.3
	Standard deviation: 21855585.9

Description

WAGES AND SALARIES are defined to include all remuneration in monetary terms and also payable more or less regularly in each pay period to workers as compensation for work done during the accounting year. It includes (a) direct wages and salary (i.e., basic wages/salaries, payment of overtime, dearness, compensatory, house rent and other allowances) (b) remuneration for the period not worked (i.e., basic wages, salaries and allowances payable for leave period, paid holiday, lay- off payments and compensation for unemployment, if not paid from sources other than employers) (c) bonus and ex-gratia payment paid both at regular and less frequent intervals (i.e., incentive bonuses, productive bonuses, profit sharing bonuses, festival or year-end bonuses etc.) It excludes lay off payments which are made from trust or other special funds set up exclusively for this purpose i.e., payments not made by the employer. It also excludes imputed value of benefits in kind, employer's contribution to old age benefits and other social security charges, direct expenditure on maternity benefits creches and other group benefits Travelling and other expenditure incurred for business purposes and reimbursed by the employer are excluded. The wages are expressed in terms of gross value i.e., before deduction for fines, damages, taxes, provident fund, employee's state insurance contribution etc.

EMPLOYEES include all workers defined above and persons receiving wages and holding supervisory or managerial positions engaged in administrative office, store keeping section and welfare section, sales department as also those engaged in purchase of raw materials etc. or purchase of fixed assets for the factory and watch and ward staff.

Literal question

Salaries to Employees

Bonus to Employees (Itm54)
File: ASI_Summary_86_87

Overview

Type: Continuous	Valid cases: 58182
Format: numeric	Invalid: 0
Width: 10	Minimum: 0
Decimals: 0	Maximum: 173612456
Range: 0-1286460000	Mean: 154100.9
	Standard deviation: 1885216.1

Bonus to Employees (Itm54)
File: ASI_Summary_86_87

Description

bonus and ex-gratia payment paid both at regular and less frequent intervals (i.e., incentive bonuses, productive bonuses, profit sharing bonuses, festival or year-end bonuses etc.)

Literal question

Bonus to Employees

Imputed Value of Benefits in kinds (Itm55)
File: ASI_Summary_86_87

Overview

Type: Continuous
Format: numeric
Width: 9
Decimals: 0
Range: -973596-70056135

Valid cases: 58182
Invalid: 0
Minimum: -3712
Maximum: 100038000
Mean: 63468.5
Standard deviation: 846384.2

Literal question

Imputed Value of Benefits in kinds

Total value of Benefits (Itm56)
File: ASI_Summary_86_87

Overview

Type: Continuous
Format: numeric
Width: 10
Decimals: 0
Range: -2250498-1384685671

Valid cases: 58182
Invalid: 0
Minimum: 0
Maximum: 507608450
Mean: 344879.8
Standard deviation: 4294173.8

Literal question

Total value of Benefits

Fuels Consumed (Itm57)
File: ASI_Summary_86_87

Overview

Type: Continuous
Format: numeric
Width: 11
Decimals: 0
Range: 0-18794180501

Valid cases: 58182
Invalid: 0
Minimum: -2008247
Maximum: 5307423032
Mean: 2002747.2
Standard deviation: 44033145.6

Description

FUELS CONSUMED represents total purchase value of all items of fuels such as coal, liquified petroleum gas, petrol, diesel, electricity, lubricants, water etc. consumed by the factory during the accounting year but excluding the items which directly enter into the manufacturing process.

Literal question

Fuels Consumed

Material Consumed (Itm58)
File: ASI_Summary_86_87

Overview

Type: Continuous
Format: numeric
Width: 11
Decimals: 0
Range: 0-31322031839

Valid cases: 58182
Invalid: 0
Minimum: -197705
Maximum: 14469892748
Mean: 12753879.2
Standard deviation: 145696805.4

Description

MATERIALS CONSUMED represents the total delivered value of all items of raw materials, components, chemicals, packing materials and stores which actually enter into the production process of the factory during the accounting year. It also includes the cost of all materials used for the construction of building etc. for the factory's own use .lt, however, excludes all intermediate products consumed during the accounting year. Intermediate products are those products, which are produced by the factory but are subject to further manufacturing.

Literal question

Material Consumed

Industrial Services Purchased (Itm59)
File: ASI_Summary_86_87

Overview

Type: Continuous
Format: numeric
Width: 10
Decimals: 0
Range: 0-4974913471

Valid cases: 58182
Invalid: 0
Minimum: -122679
Maximum: 1690617516
Mean: 818454.2
Standard deviation: 12778699.4

Literal question

Other Expenditure

Non-industrial Services Purchased (Itm60)
File: ASI_Summary_86_87

Overview

Type: Continuous
Format: numeric
Width: 9
Decimals: 0
Range: 0-477990242

Valid cases: 58182
Invalid: 0
Minimum: -45000
Maximum: 542689413
Mean: 718015.2
Standard deviation: 6531519.3

Total Input (Itm61)
File: ASI_Summary_86_87

Overview

Type: Continuous
Format: numeric
Width: 11
Decimals: 0
Range: -2884629-34386600601

Valid cases: 58182
Invalid: 0
Minimum: -45000
Maximum: 14609528231
Mean: 16283483.3
Standard deviation: 176109465.8

Description

Total Input (Itm61)
File: ASI_Summary_86_87

TOTAL INPUT comprises total value of fuels, materials consumed as well as expenditures such as cost of contract and commission work done by others on materials supplied by the factory, cost of materials consumed for repair and maintenance work done by others to the factory's fixed assets, inward freight and transport charges, rate and taxes (excluding income tax), postage, telephone and telex expenses, insurance charges, banking charges, cost of printing and stationery and purchase value of goods sold in the same condition as purchased. Rent paid and interest paid is not included.

Literal question

Total Input

Interest (Itm62)
File: ASI_Summary_86_87

Overview	
Type: Continuous	Valid cases: 58182
Format: numeric	Invalid: 0
Width: 11	Minimum: -951332
Decimals: 0	Maximum: 3986258608
Range: -8800638-11706092877	Mean: 1161682.2
	Standard deviation: 26379453.2

Description

interest paid: Include all interest paid on factory account on loans irrespective of duration and nature of agency/party from which loan was taken. Interest paid to partners and proprietors on capital will not be included.

Literal question

Interest

Receipts from Services rendered to others (Itm63)
File: ASI_Summary_86_87

Overview	
Type: Continuous	Valid cases: 58182
Format: numeric	Invalid: 0
Width: 11	Minimum: -221927
Decimals: 0	Maximum: 2723024439
Range: -10512391-15199480100	Mean: 360148.7
	Standard deviation: 13417891.4

Literal question

Receipts from Services rendered to others

Product (Itm64)
File: ASI_Summary_86_87

Overview	
Type: Continuous	Valid cases: 58182
Format: numeric	Invalid: 0
Width: 11	Minimum: -46297852
Decimals: 0	Maximum: 16502949517
Range: -471396578-61594854625	Mean: 19917929
	Standard deviation: 219101723.7

Literal question

Product

Other Output/receipts (Itm65)
File: ASI_Summary_86_87

Overview	
Type: Continuous	Valid cases: 58182
Format: numeric	Invalid: 0
Width: 11	Minimum: -10496908
Decimals: 0	Maximum: 2825737789
Range: -485435519-23124471352	Mean: 1301903
	Standard deviation: 20527349.8

Literal question

Other Output/receipts

Total Output (Itm66)
File: ASI_Summary_86_87

Overview	
Type: Continuous	Valid cases: 58182
Format: numeric	Invalid: 0
Width: 11	Minimum: -18536171
Decimals: 0	Maximum: 16589096011
Range: -467498385-64578946291	Mean: 21219832
	Standard deviation: 228314444.9

Description

TOTAL OUTPUT comprises total ex-factory value of products and by-products manufactured as well as other receipts from non industrial services rendered to others, work done for others on material supplied by them, value of electricity produced and sold, sale value of goods sold in the same conditions purchased, addition in stock of semi- finished goods and value of own construction.

Literal question

Total Output

Depreciation (Itm67)
File: ASI_Summary_86_87

Overview	
Type: Continuous	Valid cases: 58182
Format: numeric	Invalid: 0
Width: 10	Minimum: -5404205
Decimals: 0	Maximum: 1304402000
Range: -1124982-6949401203	Mean: 760950.4
	Standard deviation: 11981531.6

Description

DEPRECIATION is consumption of fixed capital due to wear and tear and obsolescence during the accounting year and is taken as provided by the factory owner or is estimated on the basis of cost of installation and working life of the fixed assets.

Literal question

Depreciation

Value Added (Itm68)
File: ASI_Summary_86_87

Overview	

Value Added (Itm68)
File: ASI_Summary_86_87

Type: Continuous
Format: numeric
Width: 11
Decimals: 0
Range: -1733867697-23242944487

Valid cases: 58182
Invalid: 0
Minimum: -496470667
Maximum: 5501135860
Mean: 4175398.3
Standard deviation: 55854856.9

Description	

NET VALUE ADDED is arrived by deducting total input and depreciation from total output.

Literal question

Value Added

Stock Of Material fuels, Stores etc. (Opening) (Itm69)
File: ASI_Summary_86_87

Overview

Type: Continuous
Format: numeric
Width: 10
Decimals: 0
Range: 0-7085200000

Valid cases: 58182
Invalid: 0
Minimum: 0
Maximum: 3872224507
Mean: 2549771.1
Standard deviation: 37356232.5

Literal question

Stock Of Material fuels Stores etc. (Opening)

Stock Of Materials fuels, Stores etc. (Closing) (Itm70)
File: ASI_Summary_86_87

Overview

Type: Continuous
Format: numeric
Width: 10
Decimals: 0
Range: 0-7836714445

Valid cases: 58182
Invalid: 0
Minimum: 0
Maximum: 2532651920
Mean: 2720874.9
Standard deviation: 36490262.8

Literal question

Stock Of Materials fuels Stores etc. (Closing)

Stock Of Semi-Finished Goods (Opening) (Itm71)
File: ASI_Summary_86_87

Overview

Type: Continuous
Format: numeric
Width: 10
Decimals: 0
Range: -4630-1680585529

Valid cases: 58182
Invalid: 0
Minimum: 0
Maximum: 3134102000
Mean: 702745.4
Standard deviation: 16150622.4

Literal question

Stock Of Semi-Finished Goods (Opening)

Stock Of Semi-Finished Goods (Closing) (Itm72)
File: ASI_Summary_86_87

Overview	
Type: Continuous	Valid cases: 58182
Format: numeric	Invalid: 0
Width: 10	Minimum: -250800
Decimals: 0	Maximum: 1413375000
Range: 0-1637075376	Mean: 740230.7
	Standard deviation: 11494096

Literal question

Stock Of Semi-Finished Goods (Closing)

Products & By Products (Opening) (Itm73)
File: ASI_Summary_86_87

Overview	
Type: Continuous	Valid cases: 58182
Format: numeric	Invalid: 0
Width: 11	Minimum: 0
Decimals: 0	Maximum: 1704272000
Range: -34000-11388077000	Mean: 1281770.5
	Standard deviation: 16196156.6

Literal question

Products & By products (Opening)

Products & By products (Closing) (Itm74)
File: ASI_Summary_86_87

Overview	
Type: Continuous	Valid cases: 58182
Format: numeric	Invalid: 0
Width: 10	Minimum: 0
Decimals: 0	Maximum: 2195328000
Range: 0-9398313000	Mean: 1504389.6
	Standard deviation: 19436028.5

Literal question

Products & By products (Closing)

No. of Working Days (Itm75)
File: ASI_Summary_86_87

Overview	
Type: Continuous	Valid cases: 58182
Format: numeric	Invalid: 0
Width: 1	Minimum: 0
Decimals: 0	Maximum: 0
Range: 0-0	Mean: 0
	Standard deviation: 0

Literal question

No. of Working Days

All Workers Mandays (Itm76)
File: ASI_Summary_86_87

Overview	
Type: Continuous	Valid cases: 58182
Format: numeric	Invalid: 0
Width: 8	Minimum: 0
Decimals: 0	Maximum: 31442925
Range: 0-48900510	Mean: 28209.2
	Standard deviation: 276320.9

Literal question

All Workers Mandays

Bonus Paid to Workers (Itm77)
File: ASI_Summary_86_87

Overview	
Type: Continuous	Valid cases: 58182
Format: numeric	Invalid: 0
Width: 9	Minimum: -599670
Decimals: 0	Maximum: 128883086
Range: 0-302230254	Mean: 104895.3
	Standard deviation: 1243491.1

Literal question

Bonus Paid to Workers

All Employees (Nos.) (Itm78)
File: ASI_Summary_86_87

Overview	
Type: Continuous	Valid cases: 58182
Format: numeric	Invalid: 0
Width: 6	Minimum: 0
Decimals: 0	Maximum: 98127
Range: 0-152421	Mean: 116.3
	Standard deviation: 1039.1

Literal question

All Employees (Nos.)

Bonus paid to employees (Itm79)
File: ASI_Summary_86_87

Overview	
Type: Continuous	Valid cases: 58182
Format: numeric	Invalid: 0
Width: 9	Minimum: 0
Decimals: 0	Maximum: 173612456
Range: 0-159909416	Mean: 153849
	Standard deviation: 1885000.5

Literal question

Bonus paid to employees

Employees Contribution to Old age benefits (Itm80)
File: ASI_Summary_86_87

Overview	
Type: Continuous	Valid cases: 58182
Format: numeric	Invalid: 0
Width: 9	Minimum: 0
Decimals: 0	Maximum: 473686
Range: -16866-777624227	Mean: 162.9
	Standard deviation: 2867.3

Literal question

Employees Contribution to Old age benefits

Employees Contribution to other benefits (Itm81)
File: ASI_Summary_86_87

Overview	
Type: Continuous	Valid cases: 58182
Format: numeric	Invalid: 0
Width: 10	Minimum: 0
Decimals: 0	Maximum: 48897458
Range: 0-1257100128	Mean: 46392.6
	Standard deviation: 419026.5

Literal question

Employees Contribution to other benefits (other social security charges)

Direct exp. maternity benefits etc. (Itm83)
File: ASI_Summary_86_87

Overview	
Type: Continuous	Valid cases: 58182
Format: numeric	Invalid: 0
Width: 8	Minimum: 0
Decimals: 0	Maximum: 11658154
Range: -91065-7073324	Mean: 398.4
	Standard deviation: 48654.1

Literal question

Direct exp. maternity benefits etc.

Other Group benefits (Itm84)
File: ASI_Summary_86_87

Overview	
Type: Continuous	Valid cases: 58182
Format: numeric	Invalid: 0
Width: 10	Minimum: -2252
Decimals: 0	Maximum: 161413872
Range: -62707-1032982555	Mean: 71892.6
	Standard deviation: 1123803.5

Description

WORKMEN AND STAFF WELFARE EXPENSES include group benefits like direct expenditure on maternity, creches, canteen facilities, educational, cultural recreational facilities, and grants to trade unions, co-operative stores etc. meant for employees.

Literal question

Other Group benefits (Itm84)
File: ASI_Summary_86_87

Other Group benefits

Rent other than use of Land (Itm85)
File: ASI_Summary_86_87

Overview	
Type: Continuous	Valid cases: 58182
Format: numeric	Invalid: 0
Width: 1	Minimum: 0
Decimals: 0	Maximum: 0
Range: 0-0	Mean: 0
	Standard deviation: 0

Literal question

Rent other than use of Land

Invested Capital (Itm86)
File: ASI_Summary_86_87

Overview	
Type: Continuous	Valid cases: 58182
Format: numeric	Invalid: 0
Width: 12	Minimum: -814885
Decimals: 0	Maximum: 44672682770
Range: -3035709-116743083375	Mean: 16218073.9
	Standard deviation: 389760890.6

Literal question

Invested Capital

Wages to Workers (Including Bonus to Workers) (Itm87)
File: ASI_Summary_86_87

Overview	
Type: Continuous	Valid cases: 58182
Format: numeric	Invalid: 0
Width: 10	Minimum: -470096
Decimals: 0	Maximum: 1624740497
Range: 0-4672421085	Mean: 1288623.5
	Standard deviation: 14846647.1

Literal question

Wages to Workers (Including Bonus to Workers)

Total Emoluments (Itm88)
File: ASI_Summary_86_87

Overview

Total Emoluments (Itm88)
File: ASI_Summary_86_87

Type: Continuous
Format: numeric
Width: 10
Decimals: 0
Range: 0-6526266667

Valid cases: 58182
Invalid: 0
Minimum: -1760808
Maximum: 2109023495
Mean: 2022243.7
Standard deviation: 24128924.8

Description

TOTAL EMOLUMENTS is defined as the sum of wages and salaries, employers contribution as provident fund and other funds and workmen and staff welfare expenses as defined above.

Literal question

Total Emoluments

Other Input (Itm89)
File: ASI_Summary_86_87

Overview

Type: Continuous
Format: numeric
Width: 10
Decimals: 0
Range: 0-4974913471

Valid cases: 58182
Invalid: 0
Minimum: -45000
Maximum: 1762555551
Mean: 1536469.4
Standard deviation: 17266262.5

Literal question

Other Input

Net Income (Itm90)
File: ASI_Summary_86_87

Overview

Type: Continuous
Format: numeric
Width: 11
Decimals: 0
Range: -3352291852-14734719762

Valid cases: 58182
Invalid: 0
Minimum: -530388840
Maximum: 2668255305
Mean: 2958464.2
Standard deviation: 37044573.6

Literal question

Net Income

Value of addition to Fixed Capital (Itm91)
File: ASI_Summary_86_87

Overview

Type: Continuous
Format: numeric
Width: 11
Decimals: 0
Range: -2859389000-2737022000

Valid cases: 58182
Invalid: 0
Minimum: -3363818463
Maximum: 1041523714
Mean: 424954.8
Standard deviation: 21592178.3

Literal question

Value of addition to Fixed Capital

Variation in Stock of Semi-Finished Goods (Itm92)
File: ASI_Summary_86_87

Overview	
Type: Continuous	Valid cases: 58182
Format: numeric	Invalid: 0
Width: 11	Minimum: -1720727000
Decimals: 0	Maximum: 3906788131
Range: -515534000-771320000	Mean: 295984.7
	Standard deviation: 22435639.1

Literal question

Variation in Stock of Semi-Finished Goods

Profits (Itm93)
File: ASI_Summary_86_87

Overview	
Type: Continuous	Valid cases: 58182
Format: numeric	Invalid: 0
Width: 11	Minimum: -1470215427
Decimals: 0	Maximum: 2157200686
Range: -7736719940-13632521063	Mean: 654353
	Standard deviation: 25804664.4

Literal question

Profits

Gross Fixed Capital (Itm94)
File: ASI_Summary_86_87

Overview	
Type: Continuous	Valid cases: 58182
Format: numeric	Invalid: 0
Width: 11	Minimum: -3809925504
Decimals: 0	Maximum: 5931405350
Range: -4070008000-33435963311	Mean: 1857497.4
	Standard deviation: 55717564.5

Literal question

Gross Fixed Capital

Addition in Stock of Materials (Itm95)
File: ASI_Summary_86_87

Overview	
Type: Continuous	Valid cases: 58182
Format: numeric	Invalid: 0
Width: 11	Minimum: -3522156513
Decimals: 0	Maximum: 802668208
Range: -1312827367-7144671594	Mean: 171103.7
	Standard deviation: 18186995.7

Literal question

Addition in Stock of Materials

Addition in Stock of Materials (Semi-Finished Goods) (Itm96)
File: ASI_Summary_86_87

Overview	
Type: Continuous	Valid cases: 58182
Format: numeric	Invalid: 0
Width: 11	Minimum: -1720727000
Decimals: 0	Maximum: 180155169
Range: -515534000-771320000	Mean: 37485.3
	Standard deviation: 7587395.7

Literal question

Addition in Stock of Materials (Semi-Finished Goods)

Addition in Stock of Finished Goods (Itm97)
File: ASI_Summary_86_87

Overview	
Type: Continuous	Valid cases: 58182
Format: numeric	Invalid: 0
Width: 11	Minimum: -653281000
Decimals: 0	Maximum: 955960621
Range: -1989764000-1615554000	Mean: 222619.1
	Standard deviation: 7738305.8

Literal question

Addition in Stock of Finished Goods

Gross Capital Formation (Itm98)
File: ASI_Summary_86_87

Overview	
Type: Continuous	Valid cases: 58182
Format: numeric	Invalid: 0
Width: 11	Minimum: -3670433426
Decimals: 0	Maximum: 6734073558
Range: -4355459000-33892628992	Mean: 2288705.4
	Standard deviation: 63694533.3

Literal question

Gross Capital Formation

Other employees benefits (Itm99)
File: ASI_Summary_86_87

Overview	
Type: Continuous	Valid cases: 58182
Format: numeric	Invalid: 0
Width: 9	Minimum: -2252
Decimals: 0	Maximum: 161436598
Range: -5665-228678747	Mean: 72291
	Standard deviation: 1126143.2

Literal question

Other employees benefits

Productive Capital (Itm100)
File: ASI_Summary_86_87

Overview	

Type: Continuous
Format: numeric
Width: 12
Decimals: 0
Range: -10221739000-133313562398

Valid cases: 58182
Invalid: 0
Minimum: -328665535
Maximum: 42807627769
Mean: 14812168.3
Standard deviation: 397264582.2

Literal question

Productive Capital

Own Construction (Itm101)
File: ASI_Summary_86_87

Overview	

Type: Continuous
Format: numeric
Width: 11
Decimals: 0
Range: -1209143-13075755464

Valid cases: 58182
Invalid: 0
Minimum: -23193311
Maximum: 1480383404
Mean: 223609
Standard deviation: 13512298.5

Literal question

Own Construction

Gross Sale value (Itm102)
File: ASI_Summary_86_87

Overview	

Type: Continuous
Format: numeric
Width: 11
Decimals: 0
Range: 0-61594951025

Valid cases: 58182
Invalid: 0
Minimum: -66470
Maximum: 16241678913
Mean: 21721939
Standard deviation: 232490178.8

Literal question

Gross Sale value

Quantity of Electricity Purchased (Itm103)
File: ASI_Summary_86_87

Overview	

Type: Continuous
Format: numeric
Width: 10
Decimals: 0
Range: 0-2748853800

Valid cases: 58182
Invalid: 0
Minimum: -60700
Maximum: 2201189801
Mean: 869674.1
Standard deviation: 15993422.9

Literal question

Quantity of Electricity Purchased

Distributive Expenses (Itm104)
File: ASI_Summary_86_87

Overview	
Type: Continuous	Valid cases: 58182
Format: numeric	Invalid: 0
Width: 11	Minimum: -322444
Decimals: 0	Maximum: 2838336826
Range: -6861-11553168568	Mean: 2287723.4
	Standard deviation: 32857818.8

Literal question

Distributive Expenses

Value of Electricity Sold (Itm105)
File: ASI_Summary_86_87

Overview	
Type: Continuous	Valid cases: 58182
Format: numeric	Invalid: 0
Width: 10	Minimum: 0
Decimals: 0	Maximum: 5076000000
Range: -359520-1050249548	Mean: 97058.9
	Standard deviation: 21080301.2

Literal question

Value of Electricity Sold

Quantity of Electricity Produced (K.W.H.) (Itm106)
File: ASI_Summary_86_87

Overview	
Type: Continuous	Valid cases: 58182
Format: numeric	Invalid: 0
Width: 10	Minimum: 0
Decimals: 0	Maximum: 759577100
Range: 0-7746012548	Mean: 146399.3
	Standard deviation: 5118028.7

Literal question

Quantity of Electricity Produced (K.W.H.)

Quantity of Electricity Sold (K.W.H.) (Itm107)
File: ASI_Summary_86_87

Overview	
Type: Continuous	Valid cases: 58182
Format: numeric	Invalid: 0
Width: 10	Minimum: 0
Decimals: 0	Maximum: 312779980
Range: 0-6948589989	Mean: 14228.1
	Standard deviation: 1637796.6

Literal question

Quantity of Electricity Sold (K.W.H.)

Quantity of Electricity Consumed (K.W.H.) (Itm108)
File: ASI_Summary_86_87

Overview

Type: Continuous
Format: numeric
Width: 10
Decimals: 0
Range: -9062342-2748853800

Valid cases: 58182
Invalid: 0
Minimum: -60700
Maximum: 2201189801
Mean: 1001845.4
Standard deviation: 17579641

Literal question

Quantity of Electricity Consumed (K.W.H.)

Documentation

Reports

ASI Time series Report on Principal characteristics

Title   ASI Time series Report on Principal characteristics
Country   India
Language   English
Filename   asi_result_Time series.pdf

Technical documents

ASI Record Layout (Summary) 1986-87

Title   ASI Record Layout (Summary) 1986-87
Country   India
Language   English
Filename   SUM8586M.doc

State Code Lists

Title   State Code Lists
Country   India
Language   English
Filename   ASISTATE_CODES.DOC

Code Lists

Title   Code Lists
Country   India
Language   English
Filename   ASICODES1980_81_to_87_88.pdf

National Industrial Classification - NIC 87

Title   National Industrial Classification - NIC 87
Country   India
Language   English
Filename   NIC 87.pdf

National Industrial Classification NIC 70 List

Title   National Industrial Classification NIC 70 List
Country   India
Language   English

Filename   NIC 70 Final.pdf

Note on NIC

Title   Note on NIC
Country   India
Language   English
Filename   NOTE_FOR_NIC.doc

Concordance Table between NIC 87 & NIC 70

Title   Concordance Table between NIC 87 & NIC 70
Country   India
Language   English
Filename   CONV7087.pdf

State Code Lists

Title   State Code Lists
Country   India
Language   English
Filename   ASISTATE_CODES.pdf

ASI Record Layout (Summary) 1986-87

Title   ASI Record Layout (Summary) 1986-87
Country   India
Language   English
Filename   SUM8586M.pdf

Other materials

IHSN Report ASI Summary 1986-87

Title   IHSN Report ASI Summary 1986-87
Country   India
Language   English
Filename   IHSN Report ASI Summary 1986-87.pdf