India - Annual Survey of Industries Summary 1988-89

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

Report generated on: August 10, 2016

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Overview

Identification

ID NUMBER
IND-CSO-ASI-SUMMARY-88-89

Version

VERSION DESCRIPTION
Version1.00: Reorganised Anonymized dataset for publication

PRODUCTION DATE
2012-07-15

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
2012-07-15

DDI DOCUMENT VERSION
version1.00 (July,2012)

DDI DOCUMENT ID
DDI-IND-CSO-ASI-SUMMARY-89-90

Sampling

Sampling Procedure

Sampling Procedure

The sampling design followed in ASI 1988-89 is a circular systematic one. 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.
b) For the rest of the states/ UT's., (i) units having 100 or more workers irrespective of their operation with or without power and all electricity undertakings and (ii) all factories covered under Joint Returns.
c) After excluding the Census Sector units as defined above, all units belonging to the strata (State by 4-digit of NIC-04) having less than or equal to 4 units are also considered as Census Sector units.

Remaining units, excluding those of Census Sector, called the sample sector, are covered on sampling basis through an efficient sampling design adopting State X 3 digit industry group as stratum so as to cover all the units in a span of three years. In any stratum, if the number of units was less than 20 , then the entire stratum was enumerated completely along with census factories. In any stratum if the units is between 21 and 60, a minimum sample of size 20 was selected by Circular Systematic Sampling. For all other units a uniform sampling fraction of 1/3 was adopted.

Deviations from Sample Design

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

Weighting

Note:
No mumltiplier data field has been created during the merge file creation and Layout shows no Multiplier field.

The data set is already inflated with Multiplier.

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
1989-07-01	1990-06-30	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

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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 entitiled 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_88_89

Content	ASI SUMMARY 1988-89 : 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 1989-90. 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	47927
Variable(s)	88
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
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-70(1) Original NIC70
V10	Itm10	NIC87	contin	numeric	National Industrial Classification NIC 87
V12	Itm12	Year of Survey	discrete	numeric	Year of Survey
V14	Itm14	Dummy State Code	contin	numeric	Dummy State Code
V15	Itm15	Region Code	contin	numeric	Region Code
V16	Itm16	Ownership Code	discrete	numeric	Type of ownership (code)
V17	Itm17	Organisation Code	discrete	numeric	Type of Organisation (code)
V18	Itm18	Management Code	discrete	numeric	Scheme Code
V19	Itm19	Scheme Code	discrete	numeric	Type of management (code)
V20	Itm20	District Code	contin	numeric	District Code
V21	Itm21	Block Code	contin	numeric	Block Code
V22	Itm22	Serial No. as given in Schedules	contin	numeric	Serial No. as given in Schedules
V23	Itm23	Permanent Serial No	contin	numeric	Permanent Serial No

ID	Name	Label	Type	Format	Question
V24	Itm24	Location Code	discrete	numeric	Location Code
V25	Itm25	Area Code	discrete	numeric	Location Code
V26	Itm26	Year of Initial Production	contin	numeric	Year of Initial Production
V27	Itm27	Year of Initial Production Code	discrete	numeric	Year of Initial Production Code
V28	Itm28	Open-Close Code	discrete	numeric	Whether Opened/Closed
V29	Itm29	Power Code	discrete	numeric	Type of power used (code)
V111	Itm34	Month of Operation	contin	numeric	Month of Operation
V36	Itm35	No. of Factories	contin	numeric	No. of Factories
V39	Itm38	Fixed Capital (Opening)	contin	numeric	Fixed Capital (Opening)
V40	Itm39	Fixed Capital (Closing)	contin	numeric	Fixed Capital (Closing)
V41	Itm40	Month of A/C year	contin	numeric	Months of A/C Year
V42	Itm41	Total Rent	contin	numeric	Total Rent
V43	Itm42	Gross Value of Plant & Machinery	contin	numeric	Gross Value of Plant & Machinery
V44	Itm43	Total Inventory (Opening)	contin	numeric	Total Inventory (Opening)
V45	Itm44	Total Inventory (Closing)	contin	numeric	Total Inventory (Closing)
V46	Itm45	Working Capital (Opening)	contin	numeric	Working Capital (Opening)
V47	Itm46	Working Capital (Closing)	contin	numeric	Working Capital (Closing)
V48	Itm47	Outstanding Loans (Opening)	contin	numeric	Outstanding Loans (Opening)
V49	Itm48	Outstanding Loans (Closing)	contin	numeric	Outstanding Loans (Closing)
V50	Itm49	Mandays Employees	contin	numeric	Mandays Employees
V51	Itm50	Workers (Nos.)	contin	numeric	Workers (Nos.)
V52	Itm51	Total Persons Engaged	contin	numeric	Total Persons Engaged
V53	Itm52	Wages to Workers	contin	numeric	Wages to Workers
V54	Itm53	Salaries to Employees	contin	numeric	Salaries to Employees
V55	Itm54	Bonus to Employees	contin	numeric	Bonus to Employees
V57	Itm56	Total value of Benefits	contin	numeric	Total value of Benefits
V58	Itm57	Fuels Consumed	contin	numeric	Fuels Consumed
V59	Itm58	Material Consumed	contin	numeric	Material Consumed
V60	Itm59	Other Expenditure	contin	numeric	Other Expenditure
V62	Itm61	Total Input	contin	numeric	Total Input
V63	Itm62	Interest	contin	numeric	Interest
V64	Itm63	Receipts from Services rendered to others	contin	numeric	Receipts from Services rendered to others
V65	Itm64	Product	contin	numeric	Product
V66	Itm65	Other Output/receipts	contin	numeric	Other Output/receipts
V67	Itm66	Total Output	contin	numeric	Total Output
V68	Itm67	Depreciation	contin	numeric	Depreciation
V69	Itm68	Value Added	contin	numeric	Value Added

ID	Name	Label	Type	Format	Question
V70	Itm69	Stock Of Material fuels, Stores etc. (Opening)	contin	numeric	Stock Of Material fuels Stores etc. (Opening)
V71	Itm70	Stock Of Materials fuels, Stores etc. (Closing)	contin	numeric	Stock Of Materials fuels Stores etc. (Closing)
V72	Itm71	Stock Of Semi-Finished Goods (Opening)	contin	numeric	Stock Of Semi-Finished Goods (Opening)
V73	Itm72	Stock Of Semi-Finished Goods (Closing)	contin	numeric	Stock Of Semi-Finished Goods (Closing)
V74	Itm73	Stock Of Finished Goods (Opening)	contin	numeric	Stock Of Finished Goods (Opening)
V75	Itm74	Stock Of Finished Goods (Closing)	contin	numeric	Stock Of Finished Goods (Closing)
V77	Itm76	All Workers Mandays	contin	numeric	All Workers Mandays
V78	Itm77	Bonus Paid to Workers	contin	numeric	Bonus Paid to Workers
V79	Itm78	All Employees (Nos.)	contin	numeric	All Employees (Nos.)
V81	Itm80	Labour Cost	contin	numeric	Labour Cost
V82	Itm81	Contribution to Provident & Other Funds	contin	numeric	Contribution to Provident & Other Funds
V83	Itm82	Sub-Total	contin	numeric	Sub Total
V85	Itm84	Workmen and Staff Welfare Expenses	contin	numeric	Workmen and Staff Welfare Expenses
V87	Itm86	Invested Capital	contin	numeric	Invested Capital
V88	Itm87	Wages to Workers (Including Bonus to Workers)	contin	numeric	Wages to Workers (Including Bonus to Workers)
V89	Itm88	Total Emoluments	contin	numeric	Total Emoluments
V90	Itm89	Other Input	contin	numeric	Other Input
V91	Itm90	Net Income	contin	numeric	Net Income
V92	Itm91	Value of addition to Fixed Capital	contin	numeric	Value of addition to Fixed Capital
V93	Itm92	Variation in Stock of Semi-Finished Goods	contin	numeric	Variation in Stock of Semi-Finished Goods
V94	Itm93	Profits	contin	numeric	Profits
V95	Itm94	Gross Fixed Capital	contin	numeric	Gross Fixed Capital
V96	Itm95	Addition in Stock of Materials	contin	numeric	Addition in Stock of Materials
V97	Itm96	Addition in Stock of Materials (Semi-Finished Goods)	contin	numeric	Addition in Stock of Materials (Semi-Finished Goods)
V98	Itm97	Addition in Stock of Finished Goods	contin	numeric	Addition in Stock of Finished Goods
V99	Itm98	Gross Capital Formation	contin	numeric	Gross Capital Formation
V101	Itm100	Productive Capital	contin	numeric	Productive Capital
V102	Itm101	Own Construction	contin	numeric	Own Construction
V103	Itm102	Gross Sale value	contin	numeric	Gross Sale value
V104	Itm103	Quantity of Electricity Purchased	contin	numeric	Quantity of Electricity Purchased
V105	Itm104	Distributive Expenses	contin	numeric	Distributive Expenses
V106	Itm105	Value of Electricity Sold	contin	numeric	Value of Electricity Sold
V107	Itm106	Quantity of Electricity Produced (K.W.H.)	contin	numeric	Quantity of Electricity Produced (K.W.H.)
V108	Itm107	Quantity of Electricity Sold (K.W.H.)	contin	numeric	Quantity of Electricity Sold (K.W.H.)
V109	Itm108	Quantity of Electricity Consumed (K.W.H.)	contin	numeric	Quantity of Electricity Consumed (K.W.H.)

Part Code (Part_CD)
File: ASI_Summary_88_89

Overview	
Type: Discrete	Valid cases: 47927
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 1
Range: 1-2	Mean: 1

Literal question

Part Code

State Code (State)
File: ASI_Summary_88_89

Overview	
Type: Discrete	Valid cases: 47927
Format: numeric	Invalid: 0
Width: 2	Minimum: 11
Decimals: 0	Maximum: 54
Range: 2-33	

Literal question

State Code

Running Serial No (S_No)
File: ASI_Summary_88_89

Overview	
Type: Continuous	Valid cases: 47927
Format: numeric	Invalid: 0
Width: 5	Minimum: 0
Decimals: 0	Maximum: 90004
Range: 0-90004	Mean: 12537.9
	Standard deviation: 21109.5

Literal question

Running Serial No.

NIC-70(1) Original NIC70 (IND_CD)
File: ASI_Summary_88_89

Overview	
Type: Continuous	Valid cases: 47927
Format: numeric	Invalid: 0
Width: 4	Minimum: 2000
Decimals: 0	Maximum: 9790
Range: 2001-9790	Mean: 3158
	Standard deviation: 1346.7

Literal question

National Industrial Classification NIC-70(1) Original NIC70

NIC87 (Itm10)
File: ASI_Summary_88_89

Overview	
Type: Continuous	Valid cases: 47927
Format: numeric	Invalid: 0
Width: 4	Minimum: 0
Decimals: 0	Maximum: 9798
Range: 0-9798	Mean: 3118.4
	Standard deviation: 1258.3

Literal question

National Industrial Classification NIC 87

Year of Survey (Itm12)
File: ASI_Summary_88_89

Overview	
Type: Discrete	Valid cases: 47927
Format: numeric	Invalid: 0
Width: 4	
Decimals: 0	
Range: 8990-9495	

Literal question

Year of Survey

Dummy State Code (Itm14)
File: ASI_Summary_88_89

Overview	
Type: Continuous	Valid cases: 47927
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 28
Range: 1-28	Mean: 12.1
	Standard deviation: 7.2

Literal question

Dummy State Code

Region Code (Itm15)
File: ASI_Summary_88_89

Overview	
Type: Continuous	Valid cases: 47927
Format: numeric	Invalid: 0
Width: 4	Minimum: 0
Decimals: 0	Maximum: 42
Range: 0-2621	Mean: 7.1
	Standard deviation: 11.2

Literal question

Region Code

Ownership Code (Itm16)
File: ASI_Summary_88_89

Overview

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

Valid cases: 47927
Invalid: 0
Minimum: 1
Maximum: 7
Mean: 5.6

Literal question

Type of ownership (code)

Organisation Code (Itm17)
File: ASI_Summary_88_89

Overview

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

Valid cases: 47927
Invalid: 0
Minimum: 1
Maximum: 9
Mean: 3.4

Literal question

Type of Organisation (code)

Management Code (Itm18)
File: ASI_Summary_88_89

Overview

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

Valid cases: 47927
Invalid: 0
Minimum: 0
Maximum: 9
Mean: 2.8

Literal question

Scheme Code

Scheme Code (Itm19)
File: ASI_Summary_88_89

Overview

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

Valid cases: 47927
Invalid: 0

Literal question

Type of management (code)

District Code (Itm20)
File: ASI_Summary_88_89

Overview

District Code (Itm20)
File: ASI_Summary_88_89

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

Valid cases: 47927
Invalid: 0
Minimum: 1
Maximum: 99
Mean: 10.6
Standard deviation: 9.6

Literal question

District Code

Block Code (Itm21)
File: ASI_Summary_88_89

Overview

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

Valid cases: 47927
Invalid: 0
Minimum: 0
Maximum: 91
Mean: 2.9
Standard deviation: 6.4

Literal question

Block Code

Serial No. as given in Schedules (Itm22)
File: ASI_Summary_88_89

Overview

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

Valid cases: 47927
Invalid: 0
Minimum: 1
Maximum: 81618
Mean: 11414.4
Standard deviation: 1926.2

Literal question

Serial No. as given in Schedules

Permanent Serial No (Itm23)
File: ASI_Summary_88_89

Overview

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

Valid cases: 47927
Invalid: 0
Minimum: 60
Maximum: 55533
Mean: 11612.8
Standard deviation: 1426

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_88_89

Overview	
Type: Discrete	Valid cases: 47927
Format: numeric	Invalid: 0
Width: 1	Minimum: 0
Decimals: 0	Maximum: 9
Range: 0-9	Mean: 1.8

Literal question

Location Code

Area Code (Itm25)
File: ASI_Summary_88_89

Overview	
Type: Discrete	Valid cases: 47927
Format: numeric	Invalid: 0
Width: 1	Minimum: 0
Decimals: 0	Maximum: 9
Range: 0-9	Mean: 1.7

Literal question

Location Code

Year of Initial Production (Itm26)
File: ASI_Summary_88_89

Overview	
Type: Continuous	Valid cases: 47927
Format: numeric	Invalid: 0
Width: 4	Minimum: 0
Decimals: 0	Maximum: 9741
Range: 0-9923	Mean: 1966.5
	Standard deviation: 145.7

Literal question

Year of Initial Production

Year of Initial Production Code (Itm27)
File: ASI_Summary_88_89

Overview	
Type: Discrete	Valid cases: 47927
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_88_89

Open-Close Code (Itm28)
File: ASI_Summary_88_89

Overview	
Type: Discrete	Valid cases: 47927
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_88_89

Overview	
Type: Discrete	Valid cases: 47927
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-9	

Literal question

Type of power used (code)

Month of Operation (Itm34)
File: ASI_Summary_88_89

Overview	
Type: Continuous	Valid cases: 47927
Format: numeric	Invalid: 0
Width: 2	Minimum: 0
Decimals: 0	Maximum: 35
	Mean: 14.4
	Standard deviation: 4.1

Literal question

Month of Operation

No. of Factories (Itm35)
File: ASI_Summary_88_89

Overview	
Type: Continuous	Valid cases: 47927
Format: numeric	Invalid: 0
Width: 3	Minimum: 0
Decimals: 0	Maximum: 657
Range: 1-843	Mean: 2.2
	Standard deviation: 5.6

Literal question

No. of Factories

Fixed Capital (Opening) (Itm38)
File: ASI_Summary_88_89

Overview

Type: Continuous	Valid cases: 47927
Format: numeric	Invalid: 0
Width: 12	Minimum: -404954
Decimals: 0	Maximum: 43162392146
Range: 0-105917496862	Mean: 16913582.1
	Standard deviation: 418819132.7

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_88_89

Overview

Type: Continuous	Valid cases: 47927
Format: numeric	Invalid: 0
Width: 12	Minimum: -367442
Decimals: 0	Maximum: 49197808238
Range: 0-112195782060	Mean: 18590513.4
	Standard deviation: 465691899

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_88_89

Overview

Type: Continuous	Valid cases: 47927
Format: numeric	Invalid: 0
Width: 3	Minimum: 0
Decimals: 0	Maximum: 270
Range: 0-0	Mean: 18.4
	Standard deviation: 19.6

Literal question

Months of A/C Year

Total Rent (Itm41)
File: ASI_Summary_88_89

Overview

Total Rent (Itm41)
File: ASI_Summary_88_89

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

Valid cases: 47927
Invalid: 0
Minimum: -159015
Maximum: 569322078
Mean: 124397.6
Standard deviation: 2756341.3

Literal question

Total Rent

Gross Value of Plant & Machinery (Itm42)
File: ASI_Summary_88_89

Overview

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

Valid cases: 47927
Invalid: 0
Minimum: -1007277
Maximum: 99500294605
Mean: 31483630.3
Standard deviation: 958123976.2

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_88_89

Overview

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

Valid cases: 47927
Invalid: 0
Minimum: -175520063
Maximum: 25533022255
Mean: 7803044.1
Standard deviation: 135372637.6

Literal question

Total Inventory (Opening)

Total Inventory (Closing) (Itm44)
File: ASI_Summary_88_89

Overview

Type: Continuous
Format: numeric
Width: 11
Decimals: 0
Range: -5561433-15613888000

Valid cases: 47927
Invalid: 0
Minimum: -1827417
Maximum: 5957100000
Mean: 9150475.2
Standard deviation: 77871746.6

Literal question

Total Inventory (Closing)

Working Capital (Opening) (Itm45)
File: ASI_Summary_88_89

Overview	
Type: Continuous	Valid cases: 47927
Format: numeric	Invalid: 0
Width: 12	Minimum: -1711351152
Decimals: 0	Maximum: 18204702173
Range: -35583630669-21142146134	Mean: 5241375.8
	Standard deviation: 120946518.3

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_88_89

Overview	
Type: Continuous	Valid cases: 47927
Format: numeric	Invalid: 0
Width: 12	Minimum: -2720975245
Decimals: 0	Maximum: 9213022696
Range: -21041893000-24119667675	Mean: 5684929.8
	Standard deviation: 93917611.4

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 (Closing)

Outstanding Loans (Opening) (Itm47)
File: ASI_Summary_88_89

Overview	
Type: Continuous	Valid cases: 47927
Format: numeric	Invalid: 0
Width: 12	Minimum: -1975855141
Decimals: 0	Maximum: 89660010353
Range: -9449121-108574980866	Mean: 18163104.5
	Standard deviation: 663984867.2

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_88_89

Overview

Type: Continuous
Format: numeric
Width: 12
Decimals: 0
Range: -52664239-116778956583

Valid cases: 47927
Invalid: 0
Minimum: -3198528
Maximum: 55338814411
Mean: 13659269.1
Standard deviation: 403911704.2

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_88_89

Overview

Type: Continuous
Format: numeric
Width: 8
Decimals: 0
Range: 0-55633813

Valid cases: 47927
Invalid: 0
Minimum: 0
Maximum: 36780685
Mean: 50083.8
Standard deviation: 410466.6

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

Workers (Nos.) (Itm50)
File: ASI_Summary_88_89

Overview

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

Valid cases: 47927
Invalid: 0
Minimum: 0
Maximum: 88473
Mean: 125.7
Standard deviation: 876.1

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.) (Itm50)
File: ASI_Summary_88_89

Workers (Nos.)

Total Persons Engaged (Itm51)
File: ASI_Summary_88_89

Overview

Type: Continuous
Format: numeric
Width: 11
Decimals: 0
Range: 0-152421

Valid cases: 47927
Invalid: 0
Minimum: 0
Maximum: 30000000000
Mean: 626115.9
Standard deviation: 137034881.9

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_88_89

Overview

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

Valid cases: 47927
Invalid: 0
Minimum: 0
Maximum: 2824044310
Mean: 1983478.4
Standard deviation: 23396255.1

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.

Literal question

Wages to Workers

Salaries to Employees (Itm53)
File: ASI_Summary_88_89

Overview

Salaries to Employees (Itm53)
File: ASI_Summary_88_89

Type: Continuous
Format: numeric
Width: 10
Decimals: 0
Range: 0-6382433400

Valid cases: 47927
Invalid: 0
Minimum: 0
Maximum: 3625521436
Mean: 3032579.1
Standard deviation: 35687767.9

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_88_89

Overview

Type: Continuous
Format: numeric
Width: 10
Decimals: 0
Range: 0-1286460000

Valid cases: 47927
Invalid: 0
Minimum: 0
Maximum: 208339326
Mean: 249146.2
Standard deviation: 2640067

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

Total value of Benefits (Itm56)
File: ASI_Summary_88_89

Overview

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

Valid cases: 47927
Invalid: 0
Minimum: 0
Maximum: 802433385
Mean: 561599.6
Standard deviation: 6369356.1

Literal question

Total value of Benefits

Fuels Consumed (Itm57)
File: ASI_Summary_88_89

Overview	
Type: Continuous	Valid cases: 47927
Format: numeric	Invalid: 0
Width: 11	Minimum: 0
Decimals: 0	Maximum: 4591204657
Range: 0-18794180501	Mean: 2958921.2
	Standard deviation: 47618313.4

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_88_89

Overview	
Type: Continuous	Valid cases: 47927
Format: numeric	Invalid: 0
Width: 11	Minimum: 0
Decimals: 0	Maximum: 17868593559
Range: 0-31322031839	Mean: 23987900.8
	Standard deviation: 202704286.3

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 .It, 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

Other Expenditure (Itm59)
File: ASI_Summary_88_89

Overview	
Type: Continuous	Valid cases: 47927
Format: numeric	Invalid: 0
Width: 10	Minimum: -244407
Decimals: 0	Maximum: 2435919000
Range: 0-4974913471	Mean: 2803898.5
	Standard deviation: 28132366.3

Literal question

Other Expenditure

Total Input (Itm61)
File: ASI_Summary_88_89

Overview	

Total Input (Itm61)
File: ASI_Summary_88_89

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

Valid cases: 47927
Invalid: 0
Minimum: -3150355
Maximum: 18039693824
Mean: 29751141.8
Standard deviation: 241429053

Description

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_88_89

Overview

Type: Continuous
Format: numeric
Width: 11
Decimals: 0
Range: -8800638-11706092877

Valid cases: 47927
Invalid: 0
Minimum: -334371
Maximum: 5096718761
Mean: 2022566.3
Standard deviation: 41544436.2

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_88_89

Overview

Type: Continuous
Format: numeric
Width: 11
Decimals: 0
Range: -10512391-15199480100

Valid cases: 47927
Invalid: 0
Minimum: -44665582
Maximum: 52937614342
Mean: 3374325.8
Standard deviation: 247902066.6

Literal question

Receipts from Services rendered to others

Product (Itm64)
File: ASI_Summary_88_89

Overview

Product (Itm64)
File: ASI_Summary_88_89

Type: Continuous
Format: numeric
Width: 11
Decimals: 0
Range: -471396578-61594854625

Valid cases: 47927
Invalid: 0
Minimum: -213771779
Maximum: 22118851275
Mean: 36115296.3
Standard deviation: 313138974.4

Literal question

Product

Other Output/receipts (Itm65)
File: ASI_Summary_88_89

Overview

Type: Continuous
Format: numeric
Width: 11
Decimals: 0
Range: -485435519-23124471352

Valid cases: 47927
Invalid: 0
Minimum: -102311635
Maximum: 5293764342
Mean: 2844510.6
Standard deviation: 46740922.7

Literal question

Other Output/receipts

Total Output (Itm66)
File: ASI_Summary_88_89

Overview

Type: Continuous
Format: numeric
Width: 11
Decimals: 0
Range: -467498385-64578946291

Valid cases: 47927
Invalid: 0
Minimum: -213771779
Maximum: 22517867251
Mean: 38464493.1
Standard deviation: 325292317.6

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_88_89

Overview

Type: Continuous
Format: numeric
Width: 10
Decimals: 0
Range: -1124982-6949401203

Valid cases: 47927
Invalid: 0
Minimum: -7980773
Maximum: 2018806000
Mean: 1486777.1
Standard deviation: 19727423.9

Description

Depreciation (Itm67)
File: ASI_Summary_88_89

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_88_89

Overview

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

Valid cases: 47927
Invalid: 0
Minimum: -579978759
Maximum: 8395755868
Mean: 7226574.2
Standard deviation: 88358494.7

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_88_89

Overview

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

Valid cases: 47927
Invalid: 0
Minimum: -11810
Maximum: 3048110645
Mean: 4025495
Standard deviation: 46020176.2

Literal question

Stock Of Material fuels Stores etc. (Opening)

Stock Of Materials fuels, Stores etc. (Closing) (Itm70)
File: ASI_Summary_88_89

Overview

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

Valid cases: 47927
Invalid: 0
Minimum: 0
Maximum: 3639462000
Mean: 5156267.9
Standard deviation: 53237464.2

Literal question

Stock Of Materials fuels Stores etc. (Closing)

Stock Of Semi-Finished Goods (Opening) (Itm71)
File: ASI_Summary_88_89

Stock Of Semi-Finished Goods (Opening) (Itm71)
File: ASI_Summary_88_89

Overview	
Type: Continuous	Valid cases: 47927
Format: numeric	Invalid: 0
Width: 10	Minimum: -9880
Decimals: 0	Maximum: 1616248000
Range: -4630-1680585529	Mean: 1062256.3
	Standard deviation: 13997854.9

Literal question

Stock Of Semi-Finished Goods (Opening)

Stock Of Semi-Finished Goods (Closing) (Itm72)
File: ASI_Summary_88_89

Overview	
Type: Continuous	Valid cases: 47927
Format: numeric	Invalid: 0
Width: 10	Minimum: -52339
Decimals: 0	Maximum: 1594240000
Range: 0-1637075376	Mean: 1287093.5
	Standard deviation: 15882418.5

Literal question

Stock Of Semi-Finished Goods (Closing)

Stock Of Finished Goods (Opening) (Itm73)
File: ASI_Summary_88_89

Overview	
Type: Continuous	Valid cases: 47927
Format: numeric	Invalid: 0
Width: 11	Minimum: 0
Decimals: 0	Maximum: 2160731000
Range: -34000-11388077000	Mean: 2204693.7
	Standard deviation: 21857460.7

Literal question

Stock Of Finished Goods (Opening)

Stock Of Finished Goods (Closing) (Itm74)
File: ASI_Summary_88_89

Overview	
Type: Continuous	Valid cases: 47927
Format: numeric	Invalid: 0
Width: 10	Minimum: 0
Decimals: 0	Maximum: 1915037000
Range: 0-9398313000	Mean: 2781376.8
	Standard deviation: 23235293

Literal question

Stock Of Finished Goods (Closing)

All Workers Mandays (Itm76)
File: ASI_Summary_88_89

Overview	

Type: Continuous	Valid cases: 47927
Format: numeric	Invalid: 0
Width: 8	Minimum: -22067
Decimals: 0	Maximum: 32292645
Range: 0-48900510	Mean: 38629.3
	Standard deviation: 310061.9

Literal question	

All Workers Mandays

Bonus Paid to Workers (Itm77)
File: ASI_Summary_88_89

Overview	

Type: Continuous	Valid cases: 47927
Format: numeric	Invalid: 0
Width: 9	Minimum: 0
Decimals: 0	Maximum: 169745500
Range: 0-302230254	Mean: 164003
	Standard deviation: 1815733.1

Literal question	

Bonus Paid to Workers

All Employees (Nos.) (Itm78)
File: ASI_Summary_88_89

Overview	

Type: Continuous	Valid cases: 47927
Format: numeric	Invalid: 0
Width: 6	Minimum: 0
Decimals: 0	Maximum: 100769
Range: 0-152421	Mean: 161.6
	Standard deviation: 1153.4

Literal question	

All Employees (Nos.)

Labour Cost (Itm80)
File: ASI_Summary_88_89

Overview	

Type: Continuous	Valid cases: 47927
Format: numeric	Invalid: 0
Width: 9	Minimum: -22
Decimals: 0	Maximum: 4263925
Range: -16866-777624227	Mean: 3834.2
	Standard deviation: 43369.4

Literal question	

Labour Cost

Contribution to Provident & Other Funds (Itm81)
File: ASI_Summary_88_89

Overview	
Type: Continuous	Valid cases: 47927
Format: numeric	Invalid: 0
Width: 10	Minimum: 0
Decimals: 0	Maximum: 754030100
Range: 0-1257100128	Mean: 326794.7
	Standard deviation: 4773863.5

Literal question

Contribution to Provident & Other Funds

Sub-Total (Itm82)
File: ASI_Summary_88_89

Overview	
Type: Continuous	Valid cases: 47927
Format: numeric	Invalid: 0
Width: 8	Minimum: 0
Decimals: 0	Maximum: 99943682
Range: 0-99943682	Mean: 9354052.5
	Standard deviation: 16370066.6

Literal question

Sub Total

Workmen and Staff Welfare Expenses (Itm84)
File: ASI_Summary_88_89

Overview	
Type: Continuous	Valid cases: 47927
Format: numeric	Invalid: 0
Width: 10	Minimum: -2000
Decimals: 0	Maximum: 217654893
Range: -62707-1032982555	Mean: 238984.9
	Standard deviation: 2539236.5

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

Workmen and Staff Welfare Expenses

Invested Capital (Itm86)
File: ASI_Summary_88_89

Overview	
Type: Continuous	Valid cases: 47927
Format: numeric	Invalid: 0
Width: 12	Minimum: -1538487
Decimals: 0	Maximum: 5184242203
Range: -3035709-116743083375	Mean: 27740988.6
	Standard deviation: 515347218.3

Literal question

Invested Capital (Itm86)
File: ASI_Summary_88_89

Invested Capital

Wages to Workers (Including Bonus to Workers) (Itm87)
File: ASI_Summary_88_89

Overview

Type: Continuous	Valid cases: 47927
Format: numeric	Invalid: 0
Width: 10	Minimum: 0
Decimals: 0	Maximum: 2944551209
Range: 0-4672421085	Mean: 2147481.5
	Standard deviation: 24902215.3

Literal question

Wages to Workers (Including Bonus to Workers)

Total Emoluments (Itm88)
File: ASI_Summary_88_89

Overview

Type: Continuous	Valid cases: 47927
Format: numeric	Invalid: 0
Width: 10	Minimum: 0
Decimals: 0	Maximum: 3757025732
Range: 0-6526266667	Mean: 3281725.3
	Standard deviation: 37951058.5

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_88_89

Overview

Type: Continuous	Valid cases: 47927
Format: numeric	Invalid: 0
Width: 10	Minimum: -244407
Decimals: 0	Maximum: 2435919000
Range: 0-4974913471	Mean: 2803898.5
	Standard deviation: 28132366.3

Literal question

Other Input

Net Income (Itm90)
File: ASI_Summary_88_89

Overview

Net Income (Itm90)
File: ASI_Summary_88_89

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

Valid cases: 47927
Invalid: 0
Minimum: -2111850444
Maximum: 7503325000
Mean: 5079610.4
Standard deviation: 66132207.4

Literal question

Net Income

Value of addition to Fixed Capital (Itm91)
File: ASI_Summary_88_89

Overview

Type: Continuous
Format: numeric
Width: 12
Decimals: 0
Range: -2859389000-2737022000

Valid cases: 47927
Invalid: 0
Minimum: -25529756999
Maximum: 1674444668
Mean: 1347431.1
Standard deviation: 118441795.5

Literal question

Value of addition to Fixed Capital

Variation in Stock of Semi-Finished Goods (Itm92)
File: ASI_Summary_88_89

Overview

Type: Continuous
Format: numeric
Width: 11
Decimals: 0
Range: -515534000-771320000

Valid cases: 47927
Invalid: 0
Minimum: -242925796
Maximum: 24700299047
Mean: 752835.9
Standard deviation: 112928653.6

Literal question

Variation in Stock of Semi-Finished Goods

Profits (Itm93)
File: ASI_Summary_88_89

Overview

Type: Continuous
Format: numeric
Width: 11
Decimals: 0
Range: -7736719940-13632521063

Valid cases: 47927
Invalid: 0
Minimum: -4369367280
Maximum: 5595103000
Mean: 1232105.5
Standard deviation: 54820976.9

Literal question

Profits

Gross Fixed Capital (Itm94)
File: ASI_Summary_88_89

Overview	
Type: Continuous	Valid cases: 47927
Format: numeric	Invalid: 0
Width: 11	Minimum: -980810009
Decimals: 0	Maximum: 7705753830
Range: -4070008000-33435963311	Mean: 3163708.4
	Standard deviation: 69680141

Literal question

Gross Fixed Capital

Addition in Stock of Materials (Itm95)
File: ASI_Summary_88_89

Overview	
Type: Continuous	Valid cases: 47927
Format: numeric	Invalid: 0
Width: 11	Minimum: -673040154
Decimals: 0	Maximum: 1674444668
Range: -1312827367-7144671594	Mean: 1130772.8
	Standard deviation: 16427889.1

Literal question

Addition in Stock of Materials

Addition in Stock of Materials (Semi-Finished Goods) (Itm96)
File: ASI_Summary_88_89

Overview	
Type: Continuous	Valid cases: 47927
Format: numeric	Invalid: 0
Width: 10	Minimum: -242925796
Decimals: 0	Maximum: 280785140
Range: -515534000-771320000	Mean: 224837.2
	Standard deviation: 4588415.1

Literal question

Addition in Stock of Materials (Semi-Finished Goods)

Addition in Stock of Finished Goods (Itm97)
File: ASI_Summary_88_89

Overview	
Type: Continuous	Valid cases: 47927
Format: numeric	Invalid: 0
Width: 11	Minimum: -418527674
Decimals: 0	Maximum: 519204560
Range: -1989764000-1615554000	Mean: 576683.1
	Standard deviation: 9208479.5

Literal question

Addition in Stock of Finished Goods

Gross Capital Formation (Itm98)
File: ASI_Summary_88_89

Overview	
Type: Continuous	Valid cases: 47927
Format: numeric	Invalid: 0
Width: 11	Minimum: -954064939
Decimals: 0	Maximum: 8093575078
Range: -4355459000-33892628992	Mean: 5096001.5
	Standard deviation: 77238527.8

Literal question

Gross Capital Formation

Productive Capital (Itm100)
File: ASI_Summary_88_89

Overview	
Type: Continuous	Valid cases: 47927
Format: numeric	Invalid: 0
Width: 12	Minimum: -637460265
Decimals: 0	Maximum: 55098875308
Range: -10221739000-133313562398	Mean: 24275443.1
	Standard deviation: 522854371.9

Literal question

Productive Capital

Own Construction (Itm101)
File: ASI_Summary_88_89

Overview	
Type: Continuous	Valid cases: 47927
Format: numeric	Invalid: 0
Width: 11	Minimum: -1352071
Decimals: 0	Maximum: 4296507140
Range: -1209143-13075755464	Mean: 270476.6
	Standard deviation: 23524300.5

Literal question

Own Construction

Gross Sale value (Itm102)
File: ASI_Summary_88_89

Overview	
Type: Continuous	Valid cases: 47927
Format: numeric	Invalid: 0
Width: 11	Minimum: -47689
Decimals: 0	Maximum: 21974447000
Range: 0-61594951025	Mean: 39038214.7
	Standard deviation: 336547538.4

Literal question

Gross Sale value

Quantity of Electricity Purchased (Itm103)
File: ASI_Summary_88_89

Overview	
Type: Continuous	Valid cases: 47927
Format: numeric	Invalid: 0
Width: 10	Minimum: -133987
Decimals: 0	Maximum: 2255725599
Range: 0-2748853800	Mean: 1187178.3
	Standard deviation: 16591887.3

Literal question

Quantity of Electricity Purchased

Distributive Expenses (Itm104)
File: ASI_Summary_88_89

Overview	
Type: Continuous	Valid cases: 47927
Format: numeric	Invalid: 0
Width: 11	Minimum: 0
Decimals: 0	Maximum: 4048427000
Range: -6861-11553168568	Mean: 3994915.2
	Standard deviation: 49626397.1

Literal question

Distributive Expenses

Value of Electricity Sold (Itm105)
File: ASI_Summary_88_89

Overview	
Type: Continuous	Valid cases: 47927
Format: numeric	Invalid: 0
Width: 10	Minimum: -2395607
Decimals: 0	Maximum: 348030298
Range: -359520-1050249548	Mean: 17640.9
	Standard deviation: 1997022

Literal question

Value of Electricity Sold

Quantity of Electricity Produced (K.W.H.) (Itm106)
File: ASI_Summary_88_89

Overview	
Type: Continuous	Valid cases: 47927
Format: numeric	Invalid: 0
Width: 10	Minimum: -449927
Decimals: 0	Maximum: 1982185267
Range: 0-7746012548	Mean: 390798.2
	Standard deviation: 16701228.1

Literal question

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

Quantity of Electricity Sold (K.W.H.) (Itm107)
File: ASI_Summary_88_89

Overview	
Type: Continuous	Valid cases: 47927
Format: numeric	Invalid: 0
Width: 10	Minimum: 0
Decimals: 0	Maximum: 1982185267
Range: 0-6948589989	Mean: 75653.2
	Standard deviation: 9441334.1

Literal question

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

Quantity of Electricity Consumed (K.W.H.) (Itm108)
File: ASI_Summary_88_89

Overview	
Type: Continuous	Valid cases: 47927
Format: numeric	Invalid: 0
Width: 10	Minimum: -225080032
Decimals: 0	Maximum: 2255725599
Range: -9062342-2748853800	Mean: 1502323.3
	Standard deviation: 22452139.7

Literal question

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

Documentation

Reports

ASI Time Series on Principal Characteristics

Title	ASI Time Series on Principal Characteristics
Country	India
Language	English
Filename	asi_result_Time series.pdf

Technical documents

Record Layout

Title	Record Layout
Country	India
Language	English
Filename	SUM8889M.pdf

State Code List

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

ASI Code List

Title	ASI Code List
Country	India
Language	English
Filename	ASICODES1988_89_to_(1994_95).pdf

National Industrial Classification NIC 1987

Title	National Industrial Classification NIC 1987
Country	India
Language	English
Filename	NIC 87.pdf

National Industrial Classification NIC 1970

Title	National Industrial Classification NIC 1970
Country	India
Language	English

Filename   NIC 70 Final.pdf

Concordance Table

Title   Concordance Table
Country   India
Language English
Filename   CONV7087.pdf

Note on NIC

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