Ethiopia

Central Statistical Agency, Ministry of Finance and Economic Development

Large and Medium Manufacturing and Electricity Industries Survey 1995-1996 (1988 E.C)

Study Documentation

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Ethiopia (1997)
Large and Medium Manufacturing and Electricity Industries Survey 1995-1996 (1988 E.C) (LMMIS 1996)

Overview

Type	Enterprise/Establishment Census [en/census]
Identification	ETH-CSA-LMMIS-1996-v1.1
Version	Version 1.0: Edited and non-anonymous dataset for internal use only.

Abstract

Manufacturing is defined here according to International Standard Industrial Classification as "the physical or chemical transformation of materials or components into new products, whether the work is performed by power-driven machines or by hand, whether it is done in a factory or in the worker's home, and whether the products are sold at wholesale or retail. The assembly of the component parts of manufactured products is also considered as manufacturing activities."

The presence of adequate and current statistical data in various economic sectors that are considered essential for development planning, socio-economic policy formulation and economic analysis is vital in promoting the economic development of a country. Based on this general objective, the Central Statistical Authority (CSA) has been conducting surveys of various economic activities of which the annual Large and Medium Scale Manufacturing Industries survey is one.

In this survey attempt was made to update the directory using as source of information the licenses issued by the Ministry of Industry and corresponding bureaux of the Regional States of the country for the public and private establishments including co-operatives. Furthermore, due to various efforts made to include all the establishments under the scope of the survey, in this reference year the number of establishments covered by the survey increased by 140 than that of the previous survey period.

The survey questionnaire is designed to answer questions about number of establishments, number of persons engaged, wages and salaries paid by industrial group, sex, nationality and occupation, paid-up capital, gross value of production, industrial and non-industrial costs. value added, operating surplus, quantity of production and raw materials conusmed, fixed assets, investment and production capacity and etc.., .

Kind of Data	Census/enumeration data [cen]
Unit of Analysis	Establishment

Scope & Coverage

Scope

The scope of Large and Medium Manufacturing Industries Surveys includes:
- Identification particulars
- Basic Information about the Establishment
- Number of Persons Engaged And Wages and Salaries Paid (In Birr)
- Products , Sales and Services of the Establishment (In Birr)
- Value of Stocks Raw Material Purchase And CGS(In Birr)
- Cost and Quantity of Raw Materials, Parts and Containers Used (Value In Birr)
- Fixed Assets and Investment (In Birr)
- Quantity and Value of Production at Full Capacity, Required Raw Material and other General Questions

Keywords	Manufacturing, An Establishment, Paid-up Capital, Working Proprietors, Active Partners and Family Workers, Administrative and Technical Employees, Production Workers, Seasonal and Temporary Workers, Number Employed, Number Engaged, Basic Wages

and Salaries, Wages and Salaries, Commissions, Bonuses, Professional and Hardship Allowancess, Supplements to Wages and Salaries of Employees, Revenue from Sales, Receipt from Industrial Services Rendered to Others, Receipt of Products Bought and Resold, Other Receipts, Difference of Stocks in the Value of Finished Goods and Semi-Finished Goods, Gross Value of Production, Raw Materials, Other Industrial Services Rendered by Others, Industrial Cost, Non-industrial Cost, Census Value Added (at market price), Value Added in the National Account Concept (at market price), Fixed Capita Assets, New Capital Expenditure, Operating Surplus, Public Sector, Intermediate Cost (for electricity industry), Capacity, Tariff, Domestic Tariff, Street Lighting Tariff, Commercial Tariff, Industrial Tariff, Number of establishments covered by the report, Number of establishments with response

Geographic Coverage
National

Universe
The universe of the large and medium scale manufacturing survey is confined to those establishments which engaged 10 persons and above and use power-driven machines and covers both public and private industries.

Producers & Sponsors

Primary Investigator(s)	Central Statistical Agency, Ministry of Finance and Economic Development
Funding Agency/ies	Government of Ethiopia

Sampling

Sampling Procedure
The survey covers all large and medium manufacturing industries which engage 10 persons or more and use power-driven machines

Data Collection

Data Collection Dates	Gregorian calendar (G.C.): start 1997-04 Gregorian calendar (G.C.): end 1997-06
Data Collection Mode	Face-to-face [f2f]

Data Collection Notes
Training of Field Staff:
In the Large and Medium Scale Manufacturing Industries Survey, after updating the directory, questionnaires and instruction manuals and all relevant materials were prepared and printed in advance. Then, the training of all field staff were carried out for six days at the head office. In this training, statisticians from the Central Statistical Authority's branch statistical office and the head office, field supervisors, and enumerators were involved.
The training which was expected to ensure the quality of the data consisted of class room discussions, filling - in questionnaires by trainees for practice using financial statements of selected establishments were made and the errors were pointed out to the trainees, so that these wouldn't be repeated during the actual data collection.

Methods of Data Collection and Field Organization:
All CSA Statistical Branch Offices were involved in this survey. Accordingly, 15 assistant heads of Branch Statistical Offices, overall about 64 enumerators and supervisors (43 from Region-14 and 21 from other CSA Branch Offices), 24 supervisors and 8 statisticians form the Head Office and about 24 drivers (8 from Region 14 and 16 from the rest of the branches) were involved in the data collection activity.

In Region 14 Branch Statistical Office, where the majority of the establishments under the scope of the survey are located, enumerators were organized into teams and each team on the average constituted of five enumerators and a field editor (a supervisor). The supervisor was provided with a four-wheel drive vehicle and a driver. Prior to the deployment of the teams, at Head Office, the establishments under the scope of the survey were divided among the teams, in accordance with their location. Then, each enumerator was assigned to collect data from 15 establishments on an average. The data collection operation was carried out in collaboration with the concerned personnel of each establishment. Due to the deployment of sufficient logistics and manpower and other organizational measures taken, the data collection activity took 30-45 days in most of the regions of the country.

Questionnaires

The questinnaire contains the following section/ items:

Item 1.1. Adress of the establishments: This section has varibles that identify the questionnaire uniquely. The variables are; Killil, Zone, Wereda, Town, Higher, Kebele, House no, Year, ISIC, Establishmnet no, Eelephone no and P.O.Box codes or numbers.

Item 1.2. Address of Head Office if Separated From Factory: In this section information about factory head office is collected (if the factory is separated from the head office). The varibles used to collect the information are; Killil, Zone, Wereda, Town, Higher, Kebele, House no, Telephone no and P.O.Box.

Item 2. Basic Information About The Establishment: This section has questions related to basic information about the establishment.

Item 3.1. Number of Persons Engaged: This section has variables (questions) that used to collect establishment's employees number by employees occupation.

Item 3.2. Number of Persons Engaged by Educational Status: This section has varabils (questions) that used to collect establishment's employees number by their educational status.

Item 3.3. Number of Persons Engaged by Age Group: Contains variables that used to collect information about employees number by employees age group.

Item 3.4. Wages and Salaries and Other Employee Benefits Paid: This section has variables related to wages and other employees benefits by employee occupation.

Item 3.5. Number of Permanent Employees by Basic Salary Group: This section has variables related to salary groups by sex of employees

Item 4.1. Products and By-products: This section has questions related to product produced, produced quantity and sales.

Item 4.2. Service and Other Receipts: Contains questions related to income from different source other than selling the products.

Item 5. Value of Stocks: Contains questions that related to information about materials in the stock.

Item 6.1. Cost and Quantity of Raw Materials, Parts and Containers Used: This section has questions related to principal raw materials, raw material type, quantity, value and source (local or imported).

Item 6.2. Other Industrial Costs: This sections has questions related to other industrial costs including cost of energy and other expenses.

Item 6.3. Other Non-industrial Expenses: Contains questions related to non-industrial expenses like license fee, advertising, stationary, etc.

Item 6.4. Taxes Paid: This section has questions related to taxes like indirect tax and income tax.

Item 7. Fixed Assets and Investment: This section has questions related to fixed assets and investment on fixed assests and working capital.

Item 8.1. Annual Production at Full Capacity: This section has questions about quantity and value of products if the establishment uses its full capacity.

Item 8.2. Estimated Value and Quantity of Raw Materials Needed, at Full Capacity: This section has questions about the estimate of quantity and value of raw materials that needed to function at full capacity.

Item 8.3. The three major problems that prevented the establishment from operating at full capacity.

Item 8.4. The three major problems that are facing the establishment at present.

Data Processing & Appraisal

Data Editing
Editing, Coding and Verification:
A number of quality control steps were taken to ensure the quality of data. The first step taken in this direction was, to revise the questionnaire, to make it easier for internal consistency checking or editing, both at field and office level. Furthermore, based on this revised questionnaire, revised instruction manual with field editing procedures were prepared in Amharic for both enumerators and supervisors (field editors). Using this manual, some editing and coding were carried out by field editors during the data collection stage. After the majority of the completed questionnaires were brought back to head office, final editing, coding and verification were performed by editors, statistical technicians and statisticians. Finally, the edited and coded questionnaires were checked and verified by other senior professionals.

Data Entry, Cleaning and Tabulation:
The data were entered and verified on personal computers IMPS (Integrated Microcomputer Processing System) Software. Twelve CSA data entry staff and one data cleaner participated in this activity for fifteen days with close supervision of the activities by two professionals. Then, the data entered were cleaned using personal computers in combination with manual cleaning for some serious errors. Finally, the tabulation of the results was processed using the IMPS (Integrated Microcomputer Processing System) software by one programmer with technical assistance from Industry, Trade and Services Statistics Department staff.

Accessibility

Access Authority	Central Statistical Agency (Ministry of Finance and Economic Development) , http://www.csa.gov.et , csa@csa.gov.et
Contact(s)	Data Administrator (Ethiopia Central Statistical Agency (CSA)) , http://www.csa.gov.et , data@csa.gov.et

Access Conditions
he Central Statistical Agency (CSA) is committed to achieving excellence in the provision of timely, reliable and affordable official statistics for informed decision making in order to maximize the welfare of all Ethiopians. This is achieved through the collection and analysis of censuses, surveys and the use of administrative data as well as the dissemination a range of statistical products and providing assistance and services to users.

A microdata dissemination policy is established by CSA to address the conditions and the manner in which anonymized microdata files may be released to users for research purposes. It also strives to identify the different levels of anonymization for different categories of data use. This policy is available at CSA website (http://www.csa.gov.et).

CSA will release microdata files for use by researchers for scientific research purposes when:

The Director General is satisfied that all reasonable steps have been taken to prevent the identification of individual respondents.

The release of the data will substantially enhance the analytic value of the data that have been collected For all but purely public files, researchers disclose the nature and objectives of their intended research, It can be demonstrated that there are no credible alternative sources for these data, and

The researchers have signed an appropriate undertaking.

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The data will be used for statistical and scientific research purposes only. They will be used solely for reporting of aggregated information, and not for investigation of specific individuals or organizations.

No attempt will be made to re-identify respondents, and no use will be made of the identity of any person or establishment discovered inadvertently. Any such discovery would immediately be reported to the CSA.

No attempt will be made to produce links among datasets provided by CSA, or among data from the CSA and other datasets that could identify individuals or organizations.

Any books, articles, conference papers, theses, dissertations, reports, or other publications that employ data obtained from CSA will cite the source of data in accordance with the Citation Requirement provided with each dataset.

An electronic copy of all reports and publications based on the requested data will be sent to CSA.

The original collector of the data, CSA, and the relevant funding agencies bear no responsibility for use of the data or for interpretations or inferences based upon such uses.

Cost Recovery Policy:
It is the policy of CSA to encourage broad use of its products by making them affordable for users. Accordingly, CSA attempts to ensure that the costs of creating anonymized microdata files are built-in to the survey budget.

At the same time, CSA attempts to recover costs associated with the provisions of special services that benefit only a specific group. Information on the price of each dataset is available at CSA website (www.csa.gov.et)

Citation Requirements
The following statement must be used as citation:
"Central Statistical Agency of Ethiopia (CSA). Large and Medium Manufacturing and Electricity Industries Survey 1995-1996 (LMMIS 1995-1996) "

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Files Description

Dataset contains 14 file(s)

Dataset_at_establishment_level_for_1988(1995-1996)

# Cases	623
# Variable(s)	135
File Structure	Type: relational Key(s): eid (Enterprise id)
Producer Ethiopia Central Statistical Agency	

Number_of_persons_engaged_part31

# Cases	1830
# Variable(s)	19
File Structure	Type: relational Key(s): eid (Enterprise id) , p31c2 (General occupation)
Producer Ethiopia Central Statistical Agency	

Number_of_employees_by_educational_level_part32

# Cases	1515
# Variable(s)	14
File Structure	Type: relational Key(s): eid (Enterprise id) , p32c2 (General occupation)
Producer Ethiopia Central Statistical Agency	

Number_of_employees_by_age_group_part33

# Cases	1521
# Variable(s)	12
File Structure	Type: relational Key(s): eid (Enterprise id) , p33c2 (General occupation)
Producer Ethiopia Central Statistical Agency	

Wages_and_salaries_and_other_employee_benefits_paid_part34

# Cases	1230
# Variable(s)	16
File Structure	Type: relational Key(s): eid (Enterprise id) , p34c2 (General occupation)

Producer	
Ethiopia Central Statistical Agency	

Number_of_permanent_employees_by_basic_ salary_group_part35

# Cases	1116
# Variable(s)	19
File Structure	Type: relational Key(s): eid (Enterprise id) , p35c2 (Sex)
Producer	
Ethiopia Central Statistical Agency	

Products_and_by_products_part41

# Cases	2469
# Variable(s)	14
File Structure	Type: relational Key(s): eid (Enterprise id) , p41c2 (Serial number for list of principal products)
Producer	
Ethiopia Central Statistical Agency	

Value_of_stocks_part5

# Cases	1148
# Variable(s)	8
File Structure	Type: relational Key(s): eid (Enterprise id) , p5c2 (Type of stocks)
Producer	
Ethiopia Central Statistical Agency	

Cost_and_quantity_of_raw_materials_part61

# Cases	3413
# Variable(s)	13
File Structure	Type: relational Key(s): eid (Enterprise id) , p61c2 (Serial number for list of principal raw materials)
Producer	
Ethiopia Central Statistical Agency	

Other_industrial_costs_part62

# Cases	637
# Variable(s)	8
File Structure	Type: relational Key(s): eid (Enterprise id) , p62c2 (Serial number for list of other industrial costs)

Producer
Ethiopia Central Statistical Agency

Type_and_value_of_fixed_assets_part71a

# Cases	2082
# Variable(s)	19
File Structure	Type: relational Key(s): eid (Enterprise id) , p71c2 (Type of fixed assets)
Producer	
Ethiopia Central Statistical Agency	

Annual_investment_by_type_and_source_part71b

# Cases	969
# Variable(s)	7
File Structure	Type: relational Key(s): eid (Enterprise id) , p71c9 (Source of financing)
Producer	
Ethiopia Central Statistical Agency	

Annual_production_at_full_capacity_part81

# Cases	2278
# Variable(s)	9
File Structure	Type: relational Key(s): eid (Enterprise id) , p81c2 (Serial number for products description)
Producer	
Ethiopia Central Statistical Agency	

Estimate_value_and_quantity_of_raw_materials_needed_at_full_capacity_part82

# Cases	2742
# Variable(s)	13
File Structure	Type: relational Key(s): eid (Enterprise id) , p82c2 (Serial number for raw material description)
Producer	
Ethiopia Central Statistical Agency	

Variables List

Dataset contains 306 variable(s)

File Dataset_at_establishment_level_for_1988(1995-1996)

#	Name	Label	Type	Format	Valid	Invalid	Question
1	eid	Enterprise id	discrete	numeric-8.0	623	0	Enterprise id
2	region	Region code	discrete	numeric-2.0	623	0	Region code
3	srefyear	Survey reference year	discrete	numeric-4.0	623	0	Survey reference year
4	isic	International standard industrial classification (ISIC)	discrete	numeric-4.0	623	0	International standard industrial classification (ISIC)
5	hregion	Region code for head office	discrete	numeric-2.0	-	-	Region code for head office
6	p2q3	Number of establishment	continuous	numeric-1.0	26	597	If multi-establishment enterprise, number of establishment
7	p2q4m	Month of commencement	continuous	numeric-2.0	468	155	Month of commencement of operation (in Ethiopian calendar year)
8	p2q4y	Year of commencement	discrete	numeric-4.0	623	0	Year of commencement of operation (in Ethiopian calendar year)
9	p2q5	Keep books of accounts	discrete	numeric-1.0	623	0	Do you keep books of accounts ? (if yes attach detailed statement of accounts)
10	p2q6	Calendar accounts and books are being kept	discrete	numeric-1.0	291	332	-
11	p2q7	Type of ownership	discrete	numeric-1.0	623	0	-
12	p2q8	Legal form of the establishment	discrete	numeric-1.0	465	158	-
13	p2q9mal	Male owners	continuous	numeric-2.0	395	228	-
14	p2q9fem	Female owners	continuous	numeric-2.0	139	484	-
15	p2q9tot	Total number of owners(both sex)	continuous	numeric-2.0	453	170	-
16	p2q10met	Initial paid-up capital (private ethiopian male)	continuous	numeric-9.0	377	246	-
17	p2q10fet	Initial paid-up capital (private ethiopian female)	continuous	numeric-9.0	109	514	-
18	p2q10net	Initial paid-up capital (private non-ethiopian)	continuous	numeric-9.0	24	599	-
19	p2q10gov	Initial paid-up capital (public)	continuous	numeric-9.0	152	471	-
20	p2q10oth	Initial paid-up capital (other)	continuous	numeric-9.0	20	603	-
21	p2q10tot	Total initial paid-up capital	continuous	numeric-9.0	608	15	-
22	p2q11	Number of months the establishment operated during the survey reference year	continuous	numeric-2.0	623	0	Number of months the establishment operated
23	p2q12a	First major problems prevented operating full year	discrete	numeric-1.0	206	417	What were the three major problems prevented you from operating full year

File Dataset_at_establishment_level_for_1988(1995-1996)

#	Name	Label	Type	Format	Valid	Invalid	Question
24	p2q12b	Second major problem prevented operating full year	discrete	numeric-1.0	113	510	What were the three major problems prevented you from operating full year
25	p2q12c	Three major problems prevented operating full year	discrete	numeric-1.0	65	558	What were the three major problems prevented you from operating full year
26	p2q13	Ownership of non-residential buildings	discrete	numeric-1.0	621	2	Ownership of non-residential buildings
27	p2q14a	First good bussiness/ market time	discrete	numeric-1.0	617	6	-
28	p2q14b	Second good bussiness/ market time	discrete	numeric-1.0	361	262	-
29	p2q14c	Third good bussiness/ market time	discrete	numeric-1.0	254	369	-
30	p2q15	Place where the factory sell it's products	discrete	numeric-1.0	617	6	-
31	p31c4t	Total number of male Ethiopian employees for the month September (Meskerem)	continuous	numeric-5.0	595	28	Total number of male Ethiopian employees for the month September (Meskerem)
32	p31c5t	Total number of female Ethiopian employees for the month September (Meskerem)	continuous	numeric-5.0	533	90	Total number of female Ethiopian employees for the month September (Meskerem)
33	p31c6t	Total number of foreigner employees for the month September (Meskerem)	continuous	numeric-2.0	15	608	Total number of foreigner employees for the month September (Meskerem)
34	p31c7t	Total number of male Ethiopian employees for the month December (Tahisas)	continuous	numeric-5.0	606	17	Total number of male Ethiopian employees for the month December (Tahisas)
35	p31c8t	Total number of female Ethiopian employees for the month December (Tahisas)	continuous	numeric-5.0	541	82	Total number of female Ethiopian employees for the month December (Tahisas)
36	p31c9t	Total number of foreigner employees for the month December (Tahisas)	continuous	numeric-2.0	16	607	Total number of foreigner employees for the month December (Tahisas)
37	p31c10t	Total number of male Ethiopian employees for the month March (Megabit)	continuous	numeric-5.0	612	11	Total number of male Ethiopian employees for the month March (Megabit)
38	p31c11t	Total number of female Ethiopian employees for the month March (Megabit)	continuous	numeric-5.0	551	72	Total number of female Ethiopian employees for the month March (Megabit)
39	p31c12t	Total number of foreigner employees for the month March (Megabit)	continuous	numeric-2.0	15	608	Total number of foreigner employees for the month March (Megabit)
40	p31c13t	Total number of male Ethiopian employees for the month June (Sene)	continuous	numeric-5.0	611	12	Total number of male Ethiopian employees for the month June (Sene)

File Dataset_at_establishment_level_for_1988(1995-1996)

#	Name	Label	Type	Format	Valid	Invalid	Question
41	p31c14t	Total number of female Ethiopian employees for the month June (Sene)	continuous	numeric-5.0	550	73	Total number of female Ethiopian employees for the month June (Sene)
42	p31c15t	Total number of foreigner employees for the month June (Sene)	continuous	numeric-2.0	15	608	Total number of foreigner employees for the month June (Sene)
43	p32c4t	Total number of illiterate employees	continuous	numeric-4.0	139	484	Total number of illiterate employees
44	p32c5t	Total number of employees who can read and write	continuous	numeric-4.0	354	269	Total number of employees who can read and write
45	p32c6t	Total number of employees within Grade 1 to 6	continuous	numeric-4.0	498	125	Total number of employees within Grade 1 to 6
46	p32c7t	Total number of employees within Grade 7 to 8	continuous	numeric-4.0	469	154	Total number of employees within Grade 7 to 8
47	p32c8t	Total number of employess within Grade 9 to 12	continuous	numeric-4.0	586	37	Total number of employess within Grade 9 to 12
48	p32c9t	Total number of employees having diploma with first year or above	continuous	numeric-4.0	200	423	Total number of employees having diploma with first year or above
49	p32c10t	Total number of employees having degree with first year or above	continuous	numeric-4.0	95	528	Total number of employees having degree with first year or above
50	p32c11t	Total number of diploma holder employees	continuous	numeric-4.0	274	349	Total number of diploma holder employees
51	p32c12t	Total number of degree holder employees	continuous	numeric-4.0	212	411	Total number of degree holder employees
52	p33c4t	Total number of employees under 18 years old	continuous	numeric-4.0	69	554	Total number of employees under 18 years old
53	p33c5t	Total number of employees between 18 to 19 years old	continuous	numeric-4.0	162	461	Total number of employees between 18 to 19 years old
54	p33c6t	Total number of employees between 20 to 29 years old	continuous	numeric-4.0	576	47	Total number of employees between 20 to 29 years old
55	p33c7t	Total number of employees between 30 to 39 years old	continuous	numeric-4.0	550	73	Total number of employees between 30 to 39 years old
56	p33c8t	Total number of employees between 40 to 49 years old	continuous	numeric-4.0	468	155	Total number of employees between 40 to 49 years old
57	p33c9t	Total number of employees between 50 to 55 years old	continuous	numeric-4.0	366	257	Total number of employees between 50 to 55 years old
58	p33c10t	Total number of employees 56 and above years old	continuous	numeric-4.0	164	459	Total number of employees 56 and above years old
59	p34c4t	Total value of wage for male Ethiopian	continuous	numeric-8.0	607	16	Total value of wage for male Ethiopian

File Dataset_at_establishment_level_for_1988(1995-1996)

#	Name	Label	Type	Format	Valid	Invalid	Question
60	p34c5t	Total value of wage for female Ethiopian	continuous	numeric-8.0	514	109	Total value of wage for female Ethiopian
61	p34c6t	Total value of wage for foreigners	continuous	numeric-8.0	7	616	Total value of wage for foreigners
62	p34c7t	Total value of wage	continuous	numeric-8.0	611	12	Total value of wage
63	p34c8t	Commission, bonuses, proffional and hardship allowance	continuous	numeric-7.0	245	378	Commission, bonuses, proffional and hardship allowance
64	p34c9t	Actual cost of the establishmnet on food, lodging, medical and other benefits provided to employees free of charge	continuous	numeric-7.0	323	300	Actual cost of the establishmnet on food, lodging, medical and other benefits provided to employees free of charge
65	p34c10t	Establishment's contribution on behalf of employees to pension, life and casualty insurance schemes	continuous	numeric-7.0	203	420	Establishment's contribution on behalf of employees to pension, life and casualty insurance schemes
66	p35c4t	Total number of permanent employees for salary group under 75	continuous	numeric-5.0	138	485	Total number of permanent employees for salary group under 75
67	p35c5t	Total number of permanent employees for salary group between 75 and 105	continuous	numeric-5.0	241	382	Total number of permanent employees for salary group between 75 and 105
68	p35c6t	Total number of permanent employees salary group between 105 and 150	continuous	numeric-5.0	362	261	Total number of permanent employees salary group between 105 and 150
69	p35c7t	Total number of permanent employees salary group between 150 and 200	continuous	numeric-5.0	434	189	Total number of permanent employees salary group between 150 and 200
70	p35c8t	Total number of permanent employees salary group between 200 and 250	continuous	numeric-5.0	405	218	Total number of permanent employees salary group between 200 and 250
71	p35c9t	Total number of permanent employees salary group between 250 and 300	continuous	numeric-5.0	373	250	Total number of permanent employees salary group between 250 and 300
72	p35c10t	Total number of permanent employees salary group between 300 and 400	continuous	numeric-5.0	406	217	Total number of permanent employees salary group between 300 and 400
73	p35c11t	Total number of permanent employees salary group between 400 and 500	continuous	numeric-5.0	342	281	Total number of permanent employees salary group between 400 and 500
74	p35c12t	Total number of permanent employees salary group between 500 and 700	continuous	numeric-5.0	327	296	Total number of permanent employees salary group between 500 and 700
75	p35c13t	Total number of permanent employees salary group between 700 and 1000	continuous	numeric-5.0	256	367	Total number of permanent employees salary group between 700 and 1000
76	p35c14t	Total number of permanent employees salary group between 1000 and 1500	continuous	numeric-5.0	212	411	Total number of permanent employees salary group between 1000 and 1500
77	p35c15t	Total number of permanent employees salary group between 1500 and 2000	continuous	numeric-5.0	92	531	Total number of permanent employees salary group between 1500 and 2000

File Dataset_at_establishment_level_for_1988(1995-1996)

#	Name	Label	Type	Format	Valid	Invalid	Question
78	p35c16t	Total number of permanent employees salary group over 2000	continuous	numeric-4.0	43	580	Total number of permanent employees salary group over 2000
79	p35c17t	Total number of permanent employees	continuous	numeric-5.0	610	13	Total number of permanent employees
80	p41c9t	Total value of production	continuous	numeric-9.0	619	4	Total value of production
81	p41c11t	Total sales value	continuous	numeric-9.0	620	3	Total sales value
82	p41c13t	Total exported sales value	continuous	numeric-9.0	24	599	Total exported sales value
83	p42c3	Value of contract workdone for other by their materials	continuous	numeric-8.0	135	488	Value of contract workdone for other by their materials
84	p42c4	Receipt for repair and maintenance work done for others	continuous	numeric-8.0	76	547	Receipt for repair and maintenance work done for others
85	p42c5	Receipts of products bought and resold without further procecessing	continuous	numeric-9.0	53	570	Receipts of products bought and resold without further procecessing
86	p42c6	Value of capital goods produced by own employees and materials for own use	continuous	numeric-8.0	14	609	Value of capital goods produced by own employees and materials for own use
87	p42c7	Interest received	continuous	numeric-7.0	11	612	Interest received
88	p42c8	Rental income from lease of machinery and equipment	continuous	numeric-7.0	85	538	Rental income from lease of machinery and equipment
89	p42c9	Insurance claims	continuous	numeric-9.0	6	617	Insurance claims
90	p42c10	Subsidy	continuous	numeric-8.0	7	616	Subsidy
91	p42c11	Other income	continuous	numeric-8.0	246	377	Other income
92	p42c12	Total services and other receipts	continuous	numeric-9.0	366	257	Total services and other receipts
93	p61c8t	Total value of ocal raw materials	continuous	numeric-9.0	572	51	Total value of ocal raw materials
94	p61c10t	Total value of imported raw materials	continuous	numeric-9.0	405	218	Total value of imported raw materials
95	p61c12t	Total value of raw materials	continuous	numeric-9.0	620	3	Total value of raw materials
96	p62c7t	Total value of fuel and lubricating oil	continuous	numeric-9.0	383	240	Total value of fuel and lubricating oil
97	p62c8t	Electricity conmsuption in KWH	continuous	numeric-9.0	309	314	Electricity conmsuption in KWH
98	p62c9t	Value of electricity consumed	continuous	numeric-9.0	613	10	Value of electricity consumed
99	p62c10t	Cost of wood and charcoal that used for energy	continuous	numeric-6.0	74	549	Cost of wood and charcoal that used for energy
100	p62c11t	Cost of water consumed	continuous	numeric-7.0	437	186	Cost of water consumed
101	p62c12t	Cost of contract work done by others for the establishment	continuous	numeric-8.0	502	121	Cost of contract work done by others for the establishment

File Dataset_at_establishment_level_for_1988(1995-1996)

#	Name	Label	Type	Format	Valid	Invalid	Question
102	p62c13t	Cost of goods bought and resold	continuous	numeric-9.0	42	581	Cost of goods bought and resold
103	p62c14t	Cost of repair and mainterance	continuous	numeric-8.0	44	579	Cost of repair and maintenance
104	p62c15t	Total value of other inputs	continuous	numeric-9.0	622	1	Total value of other inputs
105	p63c3	License fee	continuous	numeric-9.0	497	126	License fee
106	p63c4	Advertising fee	continuous	numeric-8.0	218	405	Advertising fee
107	p63c5	Stationary, telephone and mailing expenses	continuous	numeric-8.0	595	28	Stationary, telephone and mailing expenses
108	p63c6	Payment for accounting, legal commission, etc..	continuous	numeric-9.0	245	378	Payment for accounting, legal commission, etc..
109	p63c7	Transport cost	continuous	numeric-9.0	519	104	Transport cost
110	p63c8	Bank charges and interest payments	continuous	numeric-8.0	279	344	Bank charges and interest payments
111	p63c9	Dividend payments	continuous	numeric-8.0	7	616	Dividend payments
112	p63c10	Rent payable for rental of structures and equipment	continuous	numeric-8.0	256	367	Rent payable for rental of structures and equipment
113	p63c11	Insurance premium on property	continuous	numeric-9.0	320	303	Insurance premium on property
114	p63c12	Others non-industrials costs	continuous	numeric-9.0	435	188	Others non-industrials costs
115	p63c13	Total value of other non-industrial expenses	continuous	numeric-10.0	619	4	Total value of other non-industrial expenses
116	p64c3	Indirect taxes payments	continuous	numeric-9.0	459	164	Indirect taxes payments
117	p64c4	Income tax paid on profit	continuous	numeric-9.0	353	270	Income tax paid on profit
118	p64c5	Total taxes paid	continuous	numeric-9.0	541	82	Total taxes paid
119	p71c4t	Total book value of the fixed assets at begining of the year	continuous	numeric-9.0	610	13	Total book value of the fixed assets at begining of the year
120	p71c5t	Total value of investment for purchase and capital repair of fixed assets	continuous	numeric-9.0	287	336	Total value of investment for purchase and capital repair of fixed assets
121	p71c6t	Total value of sold and disposed during the year	continuous	numeric-8.0	68	555	Total value of sold and disposed during the year
122	p71c7t	Total value of depreciation during the year	continuous	numeric-8.0	587	36	Total value of depreciation during the year
123	p71c8t	Total book value of the fixed assers at end of the year	continuous	numeric-9.0	615	8	Total book value of the fixed assers at end of the year
124	p71c11t	Total value of investment in fixed assets	continuous	numeric-9.0	287	336	Total value of investment in fixed assets
125	p71c12t	Total value of working capital	continuous	numeric-9.0	327	296	Total value of working capital
126	p81c8t	Total value of production at full capacity	continuous	numeric-9.0	621	2	Total value of production at full capacity
127	p82c8t	Total value of local raw materials for full capacity production	continuous	numeric-9.0	556	67	Total value of local raw materials for full capacity production

File Dataset_at_establishment_level_for_1988(1995-1996)

#	Name	Label	Type	Format	Valid	Invalid	Question
128	p82c10t	Total value of imported raw materials for full capacity production	continuous	numeric-9.0	384	239	Total value of imported raw materials for full capacity production
129	p82c12t	Total value of estimated raw materials	continuous	numeric-9.0	616	7	Total value of estimated raw materials
130	p83a	Three major problems that prevented operating with full capacity (1)	discrete	numeric-1.0	551	72	What were the three major problems that prevented the establishment from operating with full capacity
131	p83b	Three major problems that prevented operating with full capacity (2)	discrete	numeric-1.0	351	272	What were the three major problems that prevented the establishment from operating with full capacity
132	p83c	Three major problems that prevented operating with full capacity (3)	discrete	numeric-1.0	145	478	What were the three major problems that prevented the establishment from operating with full capacity
133	p84a	First major problem faced the establishment at present	discrete	numeric-2.0	548	75	What are the three major problems that are facing the establishment at present ?
134	p84b	Second major problem faced the establishment at present	discrete	numeric-2.0	360	263	What are the three major problems that are facing the establishment at present ?
135	p84c	Third major problem faced the establishment at present	discrete	numeric-2.0	187	436	What are the three major problems that are facing the establishment at present ?

File Number_of_persons_engaged_part31

#	Name	Label	Type	Format	Valid	Invalid	Question
1	eid	Enterprise id	discrete	numeric-8.0	1830	0	Enterprise id
2	region	Region code	discrete	numeric-2.0	1830	0	Region code
3	srefyear	Survey reference year	discrete	numeric-4.0	1830	0	Survey reference year
4	isic	International standard industrial classification (ISIC)	discrete	numeric-4.0	1830	0	-
5	p31c2	General occupation	discrete	numeric-1.0	1830	0	General occupation
6	p31c4	Number of male Ethiopian employees for the month September (Meskerem)	continuous	numeric-5.0	1420	410	Number of male Ethiopian employees for the month September (Meskerem)
7	p31c5	Number of female Ethiopian employees for the month September (Meskerem)	continuous	numeric-5.0	899	931	Number of female Ethiopian employees for the month September (Meskerem)
8	p31c6	Number of foreigner employees for the month September (Meskerem)	continuous	numeric-2.0	16	1814	Number of foreigner employees for the month September (Meskerem)
9	p31c7	Number of male Ethiopian employees for the month December (Tahisas)	continuous	numeric-5.0	1446	384	Number of male Ethiopian employees for the month December (Tahisas)
10	p31c8	Number of female Ethiopian employees for the month December (Tahisas)	continuous	numeric-5.0	916	914	Number of female Ethiopian employees for the month December (Tahisas)

File Number_of_persons_engaged_part31

#	Name	Label	Type	Format	Valid	Invalid	Question
11	p31c9	Number of foreigner employees for the month December (Tahisas)	continuous	numeric-2.0	18	1812	Number of foreigner employees for the month December (Tahisas)
12	p31c10	Number of male Ethiopian employees for the month March (Megabit)	continuous	numeric-5.0	1463	367	Number of male Ethiopian employees for the month March (Megabit)
13	p31c11	Number of female Ethiopian employees for the month March (Megabit)	continuous	numeric-5.0	934	896	Number of female Ethiopian employees for the month March (Megabit)
14	p31c12	Number of foreigner employees for the month March (Megabit)	continuous	numeric-2.0	16	1814	Number of foreigner employees for the month March (Megabit)
15	p31c13	Number of male Ethiopian employees for the month June (Sene)	continuous	numeric-5.0	1462	368	Number of male Ethiopian employees for the month June (Sene)
16	p31c14	Number of female Ethiopian employees for the month June (Sene)	continuous	numeric-5.0	932	898	Number of female Ethiopian employees for the month June (Sene)
17	p31c15	Number of foreigner employees for the month June (Sene)	continuous	numeric-2.0	16	1814	Number of foreigner employees for the month June (Sene)
18	p31c16	Persons per month	continuous	numeric-6.0	271	1559	Persons per month
19	p31c17	Wage for temporary workers	continuous	numeric-8.0	271	1559	Wage for temporary workers

File Number_of_employees_by_educational_level_part32

#	Name	Label	Type	Format	Valid	Invalid	Question
1	eid	Enterprise id	discrete	numeric-8.0	1515	0	Enterprise id
2	region	Region code	discrete	numeric-2.0	1515	0	Region code
3	srefyear	Survey reference year	discrete	numeric-4.0	1515	0	Survey reference year
4	isic	International standard industrial classification (ISIC)	discrete	numeric-4.0	1515	0	International standard industrial classification (ISIC)
5	p32c2	General occupation	discrete	numeric-1.0	1515	0	General occupation
6	p32c4	Number of illiterate employees	continuous	numeric-4.0	176	1339	Number of illiterate employees
7	p32c5	Number of employees who can read and write	continuous	numeric-4.0	532	983	Number of employees who can read and write
8	p32c6	Number of employees within Grade 1 to 6	continuous	numeric-4.0	808	707	Number of employees within Grade 1 to 6
9	p32c7	Number of employees within Grade 7 to 8	continuous	numeric-4.0	736	779	Number of employees within Grade 7 to 8
10	p32c8	Number of employess within Grade 9 to 12	continuous	numeric-4.0	1169	346	Number of employess within Grade 9 to 12
11	p32c9	Number of employees having diploma with first year or above	continuous	numeric-4.0	289	1226	Number of employees having diploma with first year or above

File Number_of_employees_by_educational_level_part32

#	Name	Label	Type	Format	Valid	Invalid	Question
12	p32c10	Number of employees having degree with first year or above	continuous	numeric-4.0	111	1404	Number of employees having degree with first year or above
13	p32c11	Number of diploma holder employees	continuous	numeric-4.0	396	1119	Number of diploma holder employees
14	p32c12	Number of degree holder employees	continuous	numeric-4.0	288	1227	Number of degree holder employees

File Number_of_employees_by_age_group_part33

#	Name	Label	Type	Format	Valid	Invalid	Question
1	eid	Enterprise id	discrete	numeric-8.0	1521	0	Enterprise id
2	region	Region code	discrete	numeric-2.0	1521	0	Region code
3	srefyear	Survey reference year	discrete	numeric-4.0	1521	0	Survey reference year
4	isic	International standard industrial classification (ISIC)	discrete	numeric-4.0	1521	0	International standard industrial classification (ISIC)
5	p33c2	General occupation	discrete	numeric-1.0	1521	0	General occupation
6	p33c4	Number of employees under 18 years old	continuous	numeric-4.0	84	1437	Number of employees under 18 years old
7	p33c5	Number of employees between 18 to 19 years old	continuous	numeric-4.0	203	1318	Number of employees between 18 to 19 years old
8	p33c6	Number of employees between 20 to 29 years old	continuous	numeric-4.0	1100	421	Number of employees between 20 to 29 years old
9	p33c7	Number of employees between 30 to 39 years old	continuous	numeric-4.0	945	576	Number of employees between 30 to 39 years old
10	p33c8	Number of employees between 40 to 49 years old	continuous	numeric-4.0	790	731	Number of employees between 40 to 49 years old
11	p33c9	Number of employees between 50 to 55 years old	continuous	numeric-4.0	564	957	Number of employees between 50 to 55 years old
12	p33c10	Number of employees 56 and above years old	continuous	numeric-4.0	231	1290	Number of employees 56 and above years old

File Wages_and_salaries_and_other_employee_benefits_paid_part34

#	Name	Label	Type	Format	Valid	Invalid	Question
1	eid	Enterprise id	discrete	numeric-8.0	1230	0	Enterprise id
2	region	Region code	discrete	numeric-2.0	1230	0	Region code
3	srefyear	Survey reference year	discrete	numeric-4.0	1230	0	Survey reference year
4	isic	International standard industrial classification (ISIC)	discrete	numeric-4.0	1230	0	International standard industrial classification (ISIC)
5	p34c2	General occupation	discrete	numeric-1.0	1230	0	General occupation
6	p34c4	Wage for male Ethiopian	continuous	numeric-8.0	1165	65	Wage for male Ethiopian

File Wages_and_salaries_and_other_employee_benefits_paid_part34

#	Name	Label	Type	Format	Valid	Invalid	Question
7	p34c5	Wage for female Ethiopian	continuous	numeric-8.0	806	424	Wage for female Ethiopian
8	p34c6	Wage for foreigners	continuous	numeric-8.0	8	1222	Wage for foreigners
9	p34c7	Wage total	continuous	numeric-8.0	1203	27	Wage total
10	p34c8	Commission, bonuses, proffional and hardship allowances	continuous	numeric-7.0	0	1230	Commission, bonuses, proffional and hardship allowances
11	p34c9	Actual cost of the establishmnet on food, lodging, medical and other benefits provided to employees free of charge	continuous	numeric-7.0	0	1230	Actual cost of the establishmnet on food, lodging, medical and other benefits provided to employees free of charge
12	p34c10	Establishments contribution on behalf of employees to pension, life and casuality insurance schemes	continuous	numeric-7.0	0	1230	Establishments contribution on behalf of employees to pension, life and casuality insurance schemes
13	p34c11	No of shifts	continuous	numeric-1.0	611	619	Number of shifts
14	p34c12	No of hours per day	continuous	numeric-2.0	607	623	Number of hours per day
15	p34c13	Months	continuous	numeric-2.0	608	622	Months
16	p34c14	No of workers per shift	continuous	numeric-5.0	602	628	Number of workers per shift

File Number_of_permanent_employees_by_basic_ salary_group_part35

#	Name	Label	Type	Format	Valid	Invalid	Question
1	eid	Enterprise id	discrete	numeric-8.0	1116	0	Enterprise id
2	region	Region code	discrete	numeric-2.0	1116	0	Region code
3	srefyear	Survey reference year	discrete	numeric-4.0	1116	0	Survey reference year
4	isic	International standard industrial classification (ISIC)	discrete	numeric-4.0	1116	0	International standard industrial classification (ISIC)
5	p35c2	Sex	discrete	numeric-1.0	1116	0	Sex of the permanent employees
6	p35c4	Number of permanent employees with salary group under 75	continuous	numeric-5.0	175	941	Number of permanent employees with salary group under 75
7	p35c5	Number of permanent employees with salary group between 75 and 105	continuous	numeric-5.0	327	789	Number of permanent employees with salary group between 75 and 105
8	p35c6	Number of permanent employees with salary group between 105 and 150	continuous	numeric-5.0	513	603	Number of permanent employees with salary group between 105 and 150
9	p35c7	Number of permanent employees with salary group between 150 and 200	continuous	numeric-5.0	634	482	Number of permanent employees with salary group between 150 and 200
10	p35c8	Number of permanent employees with salary group between 200 and 250	continuous	numeric-5.0	600	516	Number of permanent employees with salary group between 200 and 250

File Number_of_permanent_employees_by_basic_ salary_group_part35

#	Name	Label	Type	Format	Valid	Invalid	Question
11	p35c9	Number of permanent employees with salary group between 250 and 300	continuous	numeric-5.0	555	561	Number of permanent employees with salary group between 250 and 300
12	p35c10	Number of permanent employees with salary group between 300 and 400	continuous	numeric-5.0	620	496	Number of permanent employees with salary group between 300 and 400
13	p35c11	Number of permanent employees with salary group between 400 and 500	continuous	numeric-5.0	509	607	Number of permanent employees with salary group between 400 and 500
14	p35c12	Number of permanent employees with salary group between 500 and 700	continuous	numeric-5.0	507	609	Number of permanent employees with salary group between 500 and 700
15	p35c13	Number of permanent employees with salary group between 700 and 1000	continuous	numeric-5.0	384	732	Number of permanent employees with salary group between 700 and 1000
16	p35c14	Number of permanent employees with salary group between 1000 and 1500	continuous	numeric-5.0	262	854	Number of permanent employees with salary group between 1000 and 1500
17	p35c15	Number of permanent employees with salary group between 1500 and 2000	continuous	numeric-5.0	99	1017	Number of permanent employees with salary group between 1500 and 2000
18	p35c16	Number of permanent employees with salary group over 2000	continuous	numeric-4.0	48	1068	Number of permanent employees with salary group over 2000
19	p35c17	Total number of permanent employees	continuous	numeric-5.0	1116	0	Total number of permanent employees

File Products_and_by_products_part41

#	Name	Label	Type	Format	Valid	Invalid	Question
1	eid	Enterprise id	discrete	numeric-8.0	2469	0	Enterprise id
2	region	Region code	discrete	numeric-2.0	2469	0	Region code
3	srefyear	Survey reference year	discrete	numeric-4.0	2469	0	Survey reference year
4	isic	International standard industrial classification (ISIC)	discrete	numeric-4.0	2469	0	International standard industrial classification (ISIC)
5	p41c2	Serial number for list of principal products	discrete	numeric-2.0	2469	0	Serial number for list of principal products
6	p41c5	Product code	discrete	numeric-5.0	2469	0	Product code
7	p41c6	Unit measurement code	discrete	numeric-2.0	1111	1358	Unit measurement code
8	p41c7	Average sales per unit	continuous	numeric-9.0	2038	431	Average sales per unit
9	p41c8	Quantity produced	continuous	numeric-9.0	2168	301	Quantity produced
10	p41c9	Value of production	continuous	numeric-9.0	2409	60	Value of production
11	p41c10	Total sales quantity	continuous	numeric-9.0	2177	292	Total sales quantity

File Products_and_by_products_part41

#	Name	Label	Type	Format	Valid	Invalid	Question
12	p41c11	Total sales value	continuous	numeric-9.0	2454	15	Total sales value
13	p41c12	Exported sales quantity	continuous	numeric-9.0	54	2415	Exported sales quantity
14	p41c13	Exported sales value	continuous	numeric-9.0	61	2408	Exported sales value

File Value_of_stocks_part5

#	Name	Label	Type	Format	Valid	Invalid	Question
1	eid	Enterprise id	discrete	numeric-8.0	1148	0	Enterprise id
2	region	Region code	discrete	numeric-2.0	1148	0	Region code
3	srefyear	Survey reference year	discrete	numeric-4.0	1148	0	Survey reference year
4	isic	International standard industrial classification (ISIC)	discrete	numeric-4.0	1148	0	International standard industrial classification (ISIC)
5	p5c2	Type of stocks	discrete	numeric-1.0	1147	1	Type of stocks
6	p5c4	Stocks at the begining of the year	continuous	numeric-11.0	1029	119	Stocks value at the begining of the year
7	p5c5	Stocks at the end of the year	continuous	numeric-9.0	1123	25	Stocks value at the end of the year
8	p5c6	Stocks differenece (end - begining)	continuous	numeric-9.0	1064	84	Stocks value differenece (end - begining)

File Cost_and_quantity_of_raw_materials_part61

#	Name	Label	Type	Format	Valid	Invalid	Question
1	eid	Enterprise id	discrete	numeric-8.0	3413	0	Enterprise id
2	region	Region code	discrete	numeric-2.0	3413	0	Region code
3	srefyear	Survey reference year	discrete	numeric-4.0	3413	0	Survey reference year
4	isic	International standard industrial classification (ISIC)	discrete	numeric-4.0	3413	0	International standard industrial classification (ISIC)
5	p61c2	Serial number for list of principal raw materials	discrete	numeric-2.0	3413	0	Serial number for list of principal raw materials
6	p61c5	Raw material code	discrete	numeric-4.0	3413	0	Raw material code
7	p61c6	Unit of measuremnet code for raw material	discrete	numeric-2.0	1316	2097	Unit of measuremnet code for raw material
8	p61c7	Local raw materials quantity	continuous	numeric-7.0	1778	1635	Local raw materials quantity
9	p61c8	Local raw materials value	continuous	numeric-9.0	2312	1101	Local raw materials value
10	p61c9	Imported raw materials quantity	continuous	numeric-7.0	992	2421	Imported raw materials quantity
11	p61c10	Imported raw materials value	continuous	numeric-9.0	1309	2104	Imported raw materials value
12	p61c11	Quantity of total raw materials	continuous	numeric-7.0	2712	701	Quantity of total raw materials
13	p61c12	Value of total raw materials	continuous	numeric-9.0	3412	1	Value of total raw materials

File Other_industrial_costs_part62

#	Name	Label	Type	Format	Valid	Invalid	Question
1	eid	Enterprise id	discrete	numeric-8.0	637	0	Enterprise id
2	region	Region code	discrete	numeric-2.0	637	0	Region code
3	srefyear	Survey reference year	discrete	numeric-4.0	637	0	Survey reference year
4	isic	International standard industrial classification (ISIC)	discrete	numeric-4.0	637	0	International standard industrial classification (ISIC)
5	p62c2	Serial number for list of other industrial costs	discrete	numeric-1.0	637	0	Serial number for list of other industrial costs
6	p62c5	Unit measurment	discrete	numeric-2.0	104	533	Unit measurment
7	p62c6	Quantity of other inputs	continuous	numeric-9.0	524	113	Quantity of other inputs
8	p62c7	Value of fuel and lubricating oil	continuous	numeric-9.0	636	1	Value of fuel and lubricating oil

File Type_and_value_of_fixed_assets_part71a

#	Name	Label	Type	Format	Valid	Invalid	Question
1	eid	Enterprise id	discrete	numeric-8.0	2082	0	Enterprise id
2	region	Region code	discrete	numeric-2.0	2082	0	Region code
3	zone	Zone code	discrete	numeric-2.0	2067	15	Zone code
4	wereda	Wereda code	discrete	numeric-2.0	1467	615	Wereda code
5	town	Town code	discrete	numeric-2.0	2082	0	Town code
6	kefetgna	Kefetegna number	discrete	numeric-2.0	1855	227	Kefetegna number
7	kebele	Kebele number	discrete	numeric-2.0	1972	110	Kebele number
8	houseno	House number	discrete	numeric-4.0	1282	800	House number
9	srefyear	Survey reference year	discrete	numeric-4.0	2082	0	Survey reference year
10	isic	International standard industrial classification (ISIC)	discrete	numeric-4.0	2082	0	International standard industrial classification (ISIC)
11	estabno	Establishment number	discrete	numeric-4.0	2082	0	Establishment number
12	phoneno	Telephone number	discrete	numeric-6.0	1907	175	Telephone number
13	pobox	P.O.Box number	discrete	numeric-5.0	1562	520	P.O.Box number
14	p71c2	Type of fixed assets	discrete	numeric-1.0	2082	0	Type of fixed assets
15	p71c4	Book value of the fixed assets at begining of the year	continuous	numeric-9.0	2043	39	Book value of the fixed assets at begining of the year
16	p71c5	Investment for purchase and capital repair of fixed assets	continuous	numeric-9.0	609	1473	Investment for purchase and capital repair of fixed assets
17	p71c6	Sold and disposed during the year	continuous	numeric-8.0	89	1993	Sold and disposed during the year
18	p71c7	Depreciation during the year	continuous	numeric-8.0	1918	164	Depreciation during the year
19	p71c8	Book value of the fixed assets at end of the year	continuous	numeric-9.0	2076	6	Book value of the fixed assets at end of the year

File Annual_investment_by_type_and_source_part71b

#	Name	Label	Type	Format	Valid	Invalid	Question
1	eid	Enterprise id	discrete	numeric-8.0	969	0	Enterprise id
2	region	Region code	discrete	numeric-2.0	969	0	Region code
3	srefyear	Survey reference year	discrete	numeric-4.0	969	0	Survey reference year
4	isic	International standard industrial classification (ISIC)	discrete	numeric-4.0	969	0	International standard industrial classification (ISIC)
5	p71c9	Source of financing	discrete	numeric-2.0	969	0	Source of financing
6	p71c11	Investment in fixed assets	continuous	numeric-9.0	587	382	Investment in fixed assets in Birr
7	p71c12	Working capital	continuous	numeric-9.0	653	316	Working capital in Birr

File Annual_production_at_full_capacity_part81

#	Name	Label	Type	Format	Valid	Invalid	Question
1	eid	Enterprise id	discrete	numeric-8.0	2278	0	-
2	region	Region code	discrete	numeric-2.0	2278	0	-
3	srefyear	Survey reference year	discrete	numeric-4.0	2278	0	-
4	isic	International standard industrial classification (ISIC)	discrete	numeric-4.0	2278	0	-
5	p81c2	Serial number for products description	discrete	numeric-2.0	2278	0	Serial number for products description
6	p81c5	Product code	discrete	numeric-5.0	2278	0	Product code that would be produced if the establishment operate at full capacity
7	p81c6	Unit measurment	discrete	numeric-2.0	1017	1261	Unit measurment of quantity of product
8	p81c7	Quantity of product that can be produced annually	continuous	numeric-9.0	2096	182	Quantity of product that can be produced annually at full capacity
9	p81c8	Value of production at market price	continuous	numeric-9.0	2274	4	Value of production at market price

File Estimate_value_and_quantity_of_raw_materials_needed_at_full_capacity_part82

#	Name	Label	Type	Format	Valid	Invalid	Question
1	eid	Enterprise id	discrete	numeric-8.0	2742	0	Enterprise id
2	region	Region code	discrete	numeric-2.0	2742	0	Region code
3	srefyear	Survey reference year	discrete	numeric-4.0	2742	0	Survey reference year
4	isic	International standard industrial classification (ISIC)	discrete	numeric-4.0	2742	0	International standard industrial classification (ISIC)
5	p82c2	Serial number for raw material description	discrete	numeric-1.0	2742	0	Serial number for raw material description
6	p82c5	Raw material code	discrete	numeric-4.0	2742	0	Raw material code
7	p82c6	Unit of measurment	discrete	numeric-2.0	1303	1439	Unit of measurment of quantity of raw material
8	p82c7	Quantity of local raw materials	continuous	numeric-9.0	1501	1241	Quantity of local raw materials

File Estimate_value_and_quantity_of_raw_materials_needed_at_full_capacity_part82

#	Name	Label	Type	Format	Valid	Invalid	Question
9	p82c8	Value of local raw materials	continuous	numeric-9.0	1873	869	Value of local raw materials
10	p82c9	Quantity of imported raw materials	continuous	numeric-8.0	807	1935	Quantity of imported raw materials
11	p82c10	Value of imported raw materials	continuous	numeric-9.0	1049	1693	Value of imported raw materials
12	p82c11	Total quantity of estimated raw materials	continuous	numeric-9.0	2262	480	Total quantity of estimated raw materials
13	p82c12	Total value of estimated raw materials	continuous	numeric-9.0	2740	2	Total value of estimated raw materials

Variables Description

Dataset contains306 variable(s)

File Dataset_at_establishment_level_for_1988(1995-1996)

#1 eid: Enterprise id

Information	[Type= discrete] [Format=numeric] [Range= 15110002-36102745] [Missing=*]
Statistics [NW/ W]	[Valid=623 /-] [Invalid=0 /-]
Literal question	Enterprise id
Recoding and Derivation	This variable is derived by combining two variables, i.e. ISIC and establishment. The enterprise id is unique for each questionnaire.

#2 region: Region code

Information	[Type= discrete] [Format=numeric] [Range= 1-15] [Missing=*]
Statistics [NW/ W]	[Valid=623 /-] [Invalid=0 /-]
Literal question	Region code

Value	Label	Cases	Percentage
1	TIGRAY	21	3.4%
2	AFAR	2	0.3%
3	AMHARA	40	6.4%
4	OROMIA	71	11.4%
5	SOMALIE	1	0.2%
6	BENSHANGUL	0	0.0%
7	S.N.N.P.R.	35	5.6%
12	GAMBELA	2	0.3%
13	HARARI	7	1.1%
14	ADDIS ABABA	419	67.3%
15	DIRE DAWA	25	4.0%

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

#3 srefyear: Survey reference year

Information	[Type= discrete] [Format=numeric] [Range= 1988-1988] [Missing=*]
Statistics [NW/ W]	[Valid=623 /-] [Invalid=0 /-]
Literal question	Survey reference year

Value	Label	Cases	Percentage
1988	1988 (1995/1996)		

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

#4 isic: International standard industrial classification (ISIC)

Information	[Type= discrete] [Format=numeric] [Range= 1511-3610] [Missing=*]
Statistics [NW/ W]	[Valid=623 /-] [Invalid=0 /-]
Literal question	International standard industrial classification (ISIC)

Value	Label	Cases	Percentage
1511	Production, processing and preserving of meat, fruit and veg	7	1.1%
1514	manufacture of edible oil	28	4.5%
1520	Manufacture of dairy products	1	0.2%
1531	Manufacture of flour	18	2.9%
1533	Manufacture of animal feed	2	0.3%

File Dataset_at_establishment_level_for_1988(1995-1996)

#4 isic: International standard industrial classification (ISIC)

Value	Label	Cases	Percentage
1541	manufacture of bakery	71	11.4%
1542	Manufacture of sugar and confecionary	5	0.8%
1544	manufacture of pasta and macaroni	3	0.5%
1549	Manufacture of food NEC	5	0.8%
1551	Distiling rectifying and blending of spirit	7	1.1%
1552	Manufacture of wine	1	0.2%
1553	Malt liqores and malt	5	0.8%
1554	Manufacture of soft drinks	7	1.1%
1600	Manufacture of tobacco	1	0.2%
1710	spining , weaving and finishing	20	3.2%
1723	Manufacture of cordage rope and twine	3	0.5%
1730	Kniting mills	9	1.4%
1810	manufacture of wearing apparal except fur	23	3.7%
1910	Tanning and dressing of leather	8	1.3%
1920	manufacture of footwear	55	8.8%
2000	Manufacture wood and wood products	26	4.2%
2100	Manufacture of paper and paper products	5	0.8%
2200	Publishing and printing services	38	6.1%
2411	Manufacture of basic chemicals except fertilzers	2	0.3%
2422	Manufacture of paints varnishes	5	0.8%
2423	Manufacture of phrmaceuticals, medicinial	2	0.3%
2424	Manufacture of soap detregents, perfumes..	23	3.7%
2429	Manufacture of chemical productsNEC	3	0.5%
2510	Manufacture of rubber	4	0.6%
2520	Manufacture of plastics	11	1.8%
2610	Manufacture of glass and glass products	2	0.3%
2693	Manufacture of structural clay products	7	1.1%
2694	Manufacture of cement ,lime and plaster	6	1.0%
2695	Manufacture of articles of concrete, cement	64	10.3%
2699	Manufacture of non-metalic NEC	3	0.5%
2710	Manufacture of basic iron and steel	3	0.5%
2811	Manufacture of structural metal products	29	4.7%
2892	Manufacture of cuttlery hand tools....	0	0.0%
2893	Manufacture of other fabricated metal products	4	0.6%
2899	Manufacture of pumps,compressors, valves and taps	6	1.0%
2912		1	0.2%
2914	Manufacture of ovens	5	0.8%
2919		2	0.3%
2925	Manufacture of other general purpose machnery	6	1.0%
3140	Manufacture of battries	1	0.2%
3420	manufacture of bodies for mothor vechiles	9	1.4%
3430	manufacture of parts and accessaries	2	0.3%
3610	Manufacture of furniture	75	12.0%

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

File Dataset_at_establishment_level_for_1988(1995-1996)

#5 hregion: Region code for head office

Information	[Type= discrete] [Format=numeric] [Range= 1-15] [Missing=*]
Literal question	Region code for head office

Value	Label	Cases	Percentage
1	TIGRAY		
2	AFAR		
3	AMHARA		
4	OROMIA		
5	SOMALIE		
6	BENSHANGUL		
7	S.N.N.P.R.		
12	GAMBELA		
13	HARARI		
14	ADDIS ABABA		
15	DIRE DAWA		

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

#6 p2q3: Number of establishment

Information	[Type= continuous] [Format=numeric] [Range= 1-8] [Missing=*]
Statistics [NW/ W]	[Valid=26 /-] [Invalid=597 /-] [Mean=2.192 /-] [StdDev=1.744 /-]
Literal question	If multi-establishment enterprise, number of establishment

#7 p2q4m: Month of commencement

Information	[Type= continuous] [Format=numeric] [Range= 1-12] [Missing=*]
Statistics [NW/ W]	[Valid=468 /-] [Invalid=155 /-] [Mean=5.436 /-] [StdDev=3.449 /-]
Literal question	Month of commencement of operation (in Ethiopian calendar year)

#8 p2q4y: Year of commencement

Information	[Type= discrete] [Format=numeric] [Range= 1888-1988] [Missing=*]
Statistics [NW/ W]	[Valid=623 /-] [Invalid=0 /-]
Literal question	Year of commencement of operation (in Ethiopian calendar year)

Frequency table not shown (54 Modalities)

#9 p2q5: Keep books of accounts

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=623 /-] [Invalid=0 /-]
Literal question	Do you keep books of accounts ? (if yes attach detailed statement of accounts)

Value	Label	Cases	Percentage	
1	Yes	289		46.4%
2	No	334		53.6%

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

#10 p2q6: Calendar accounts and books are being kept

Information	[Type= discrete] [Format=numeric] [Range= 1-4] [Missing=*]
Statistics [NW/ W]	[Valid=291 /-] [Invalid=332 /-]

File Dataset_at_establishment_level_for_1988(1995-1996)

#10 p2q6: Calendar accounts and books are being kept

Value	Label	Cases	Percentage
1	Ethiopian fiscal year (ending July 7)	269	92.4%
2	Ethiopian calendar (ending Sept. 10)	4	1.4%
3	Gregorian calendar (ending Dec. 31)	14	4.8%
4	Other	4	1.4%
Sysmiss		332	

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

#11 p2q7: Type of ownership

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=623 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Private or co-operative	465	74.6%
2	Public	158	25.4%
3	Public and private	0	0.0%

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

#12 p2q8: Legal form of the establishment

Information	[Type= discrete] [Format=numeric] [Range= 1-6] [Missing=*]
Statistics [NW/ W]	[Valid=465 /-] [Invalid=158 /-]

Value	Label	Cases	Percentage
1	Individual proprietor	322	69.2%
2	Partnership	40	8.6%
3	Share company	12	2.6%
4	Private limited company	63	13.5%
5	Co-operative	18	3.9%
6	Others	10	2.2%
Sysmiss		158	

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

#13 p2q9mal: Male owners

Information	[Type= continuous] [Format=numeric] [Range= 1-40] [Missing=*]
Statistics [NW/ W]	[Valid=395 /-] [Invalid=228 /-] [Mean=2.116 /-] [StdDev=3.866 /-]

#14 p2q9fem: Female owners

Information	[Type= continuous] [Format=numeric] [Range= 1-12] [Missing=*]
Statistics [NW/ W]	[Valid=139 /-] [Invalid=484 /-] [Mean=1.676 /-] [StdDev=1.725 /-]

#15 p2q9tot: Total number of owners(both sex)

Information	[Type= continuous] [Format=numeric] [Range= 1-50] [Missing=*]
Statistics [NW/ W]	[Valid=453 /-] [Invalid=170 /-] [Mean=2.366 /-] [StdDev=4.325 /-]

#16 p2q10met: Initial paid-up capital (private ethiopian male)

Information	[Type= continuous] [Format=numeric] [Range= 500-24000000] [Missing=*]
Statistics [NW/ W]	[Valid=377 /-] [Invalid=246 /-] [Mean=590797.708 /-] [StdDev=1871371.546 /-]

File Dataset_at_establishment_level_for_1988(1995-1996)

#17 p2q10fet: Initial paid-up capital (private ethiopian female)

Information	[Type= continuous] [Format=numeric] [Range= 225-14850000] [Missing=*]
Statistics [NW/ W]	[Valid=109 /-] [Invalid=514 /-] [Mean=539575.716 /-] [StdDev=1753709.324 /-]

#18 p2q10net: Initial paid-up capital (private non-ethiopian)

Information	[Type= continuous] [Format=numeric] [Range= 17000-25900000] [Missing=*]
Statistics [NW/ W]	[Valid=24 /-] [Invalid=599 /-] [Mean=1558159 /-] [StdDev=5228333.312 /-]

#19 p2q10gov: Initial paid-up capital (public)

Information	[Type= continuous] [Format=numeric] [Range= 12000-94383000] [Missing=*]
Statistics [NW/ W]	[Valid=152 /-] [Invalid=471 /-] [Mean=8295538.388 /-] [StdDev=16694951.689 /-]

#20 p2q10oth: Initial paid-up capital (other)

Information	[Type= continuous] [Format=numeric] [Range= 750-1800000] [Missing=*]
Statistics [NW/ W]	[Valid=20 /-] [Invalid=603 /-] [Mean=215670.5 /-] [StdDev=407551.856 /-]

#21 p2q10tot: Total initial paid-up capital

Information	[Type= continuous] [Format=numeric] [Range= 500-94383000] [Missing=*]
Statistics [NW/ W]	[Valid=608 /-] [Invalid=15 /-] [Mean=2605551.891 /-] [StdDev=9234153.969 /-]

#22 p2q11: Number of months the establishment operated during the survey reference year

Information	[Type= continuous] [Format=numeric] [Range= 1-12] [Missing=*]
Statistics [NW/ W]	[Valid=623 /-] [Invalid=0 /-] [Mean=10.579 /-] [StdDev=2.471 /-]
Literal question	Number of months the establishment operated

#23 p2q12a: First major problems prevented operating full year

Information	[Type= discrete] [Format=numeric] [Range= 1-9] [Missing=*]
Statistics [NW/ W]	[Valid=206 /-] [Invalid=417 /-]
Literal question	What were the three major problems prevented you from operating full year

Value	Label	Cases	Percentage
1	Shortage of raw materials	54	26.2%
2	Shortage of spare parts	3	1.5%
3	Shortage of foreign exchange	1	0.5%
4	Getting market or customers	62	30.1%
5	Lack of working capital	11	5.3%
6	Shortage of electric and water supply	10	4.9%
7	Repeated breakage of machinery	12	5.8%
8	Government rules and regulations	2	1.0%
9	Others	51	24.8%
Sysmiss		417	

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

#24 p2q12b: Second major problem prevented operating full year

Information	[Type= discrete] [Format=numeric] [Range= 1-9] [Missing=*]
Statistics [NW/ W]	[Valid=113 /-] [Invalid=510 /-]
Literal question	What were the three major problems prevented you from operating full year

File Dataset_at_establishment_level_for_1988(1995-1996)

#24 p2q12b: Second major problem prevented operating full year

Value	Label	Cases	Percentage
1	Shortage of raw materials	29	25.7%
2	Shortage of spare parts	6	5.3%
3	Shortage of foreign exchange	2	1.8%
4	Getting market or customers	22	19.5%
5	Lack of working capital	15	13.3%
6	Shortage of electric and water supply	17	15.0%
7	Repeated breakage of machinery	4	3.5%
8	Government rules and regulations	7	6.2%
9	Others	11	9.7%
Sysmiss		510	

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

#25 p2q12c: Three major problems prevented operating full year

Information	[Type= discrete] [Format=numeric] [Range= 1-9] [Missing=*]
Statistics [NW/ W]	[Valid=65 /-] [Invalid=558 /-]
Literal question	What were the three major problems prevented you from operating full year

Value	Label	Cases	Percentage
1	Shortage of raw materials	8	12.3%
2	Shortage of spare parts	3	4.6%
3	Shortage of foreign exchange	4	6.2%
4	Getting market or customers	10	15.4%
5	Lack of working capital	10	15.4%
6	Shortage of electric and water supply	9	13.8%
7	Repeated breakage of machinery	6	9.2%
8	Government rules and regulations	5	7.7%
9	Others	10	15.4%
Sysmiss		558	

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

#26 p2q13: Ownership of non-residential buildings

Information	[Type= discrete] [Format=numeric] [Range= 1-5] [Missing=*]
Statistics [NW/ W]	[Valid=621 /-] [Invalid=2 /-]
Literal question	Ownership of non-residential buildings

Value	Label	Cases	Percentage
1	Private	393	63.3%
2	Provided free	4	0.6%
3	Inherited	35	5.6%
4	Rented	164	26.4%
5	Other	25	4.0%
Sysmiss		2	

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

#27 p2q14a: First good bussiness/market time

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

File Dataset_at_establishment_level_for_1988(1995-1996)

#27 p2q14a: First good bussiness/market time

Statistics [NW/ W]	[Valid=617 /-] [Invalid=6 /-]

Value	Label	Cases	Percentage
1	Autumn (September, October, November)	106	17.2%
2	Main (December, January, February)	127	20.6%
3	Summer (March, April, May)	126	20.4%
4	Winter (June, July, August)	57	9.2%
5	Similar throughout the year	201	32.6%
Sysmiss		6	

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

#28 p2q14b: Second good bussiness/market time

Information	[Type= discrete] [Format=numeric] [Range= 1-5] [Missing=*]
Statistics [NW/ W]	[Valid=361 /-] [Invalid=262 /-]

Value	Label	Cases	Percentage
1	Autumn (September, October, November)	55	15.2%
2	Main (December, January, February)	127	35.2%
3	Summer (March, April, May)	119	33.0%
4	Winter (June, July, August)	58	16.1%
5	Similar throughout the year	2	0.6%
Sysmiss		262	

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

#29 p2q14c: Third good bussiness/market time

Information	[Type= discrete] [Format=numeric] [Range= 1-5] [Missing=*]
Statistics [NW/ W]	[Valid=254 /-] [Invalid=369 /-]

Value	Label	Cases	Percentage
1	Autumn (September, October, November)	77	30.3%
2	Main (December, January, February)	48	18.9%
3	Summer (March, April, May)	76	29.9%
4	Winter (June, July, August)	50	19.7%
5	Similar throughout the year	3	1.2%
Sysmiss		369	

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

#30 p2q15: Place where the factory sell it's products

Information	[Type= discrete] [Format=numeric] [Range= 1-4] [Missing=*]
Statistics [NW/ W]	[Valid=617 /-] [Invalid=6 /-]

Value	Label	Cases	Percentage
1	Factory	467	75.7%
2	Open market place	75	12.2%
3	Shop	26	4.2%
4	Other	49	7.9%
Sysmiss		6	

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

File Dataset_at_establishment_level_for_1988(1995-1996)

#31 p31c4t: Total number of male Ethiopian employees for the month September (Meskerem)

Information	[Type= continuous] [Format=numeric] [Range= 1-3403] [Missing=*]
Statistics [NW/ W]	[Valid=595 /-] [Invalid=28 /-] [Mean=90.662 /-] [StdDev=249.975 /-]
Definition	This variable is part of section 3.1 (Number of Persons Engaged) of the questionnaire
Literal question	Total number of male Ethiopian employees for the month September (Meskerem)

#32 p31c5t: Total number of female Ethiopian employees for the month September (Meskerem)

Information	[Type= continuous] [Format=numeric] [Range= 1-3321] [Missing=*]
Statistics [NW/ W]	[Valid=533 /-] [Invalid=90 /-] [Mean=53.662 /-] [StdDev=222.095 /-]
Definition	This variable is part of section 3.1 (Number of Persons Engaged) of the questionnaire
Literal question	Total number of female Ethiopian employees for the month September (Meskerem)

#33 p31c6t: Total number of foreigner employees for the month September (Meskerem)

Information	[Type= continuous] [Format=numeric] [Range= 1-4] [Missing=*]
Statistics [NW/ W]	[Valid=15 /-] [Invalid=608 /-] [Mean=1.533 /-] [StdDev=0.915 /-]
Definition	This variable is part of section 3.1 (Number of Persons Engaged) of the questionnaire
Literal question	Total number of foreigner employees for the month September (Meskerem)

#34 p31c7t: Total number of male Ethiopian employees for the month December (Tahisas)

Information	[Type= continuous] [Format=numeric] [Range= 1-3223] [Missing=*]
Statistics [NW/ W]	[Valid=606 /-] [Invalid=17 /-] [Mean=88.634 /-] [StdDev=238.896 /-]
Definition	This variable is part of section 3.1 (Number of Persons Engaged) of the questionnaire
Literal question	Total number of male Ethiopian employees for the month December (Tahisas)

#35 p31c8t: Total number of female Ethiopian employees for the month December (Tahisas)

Information	[Type= continuous] [Format=numeric] [Range= 1-2821] [Missing=*]
Statistics [NW/ W]	[Valid=541 /-] [Invalid=82 /-] [Mean=51.817 /-] [StdDev=206.051 /-]
Definition	This variable is part of section 3.1 (Number of Persons Engaged) of the questionnaire
Literal question	Total number of female Ethiopian employees for the month December (Tahisas)

#36 p31c9t: Total number of foreigner employees for the month December (Tahisas)

Information	[Type= continuous] [Format=numeric] [Range= 1-90] [Missing=*]
Statistics [NW/ W]	[Valid=16 /-] [Invalid=607 /-] [Mean=7.063 /-] [StdDev=22.134 /-]
Definition	This variable is part of section 3.1 (Number of Persons Engaged) of the questionnaire
Literal question	Total number of foreigner employees for the month December (Tahisas)

#37 p31c10t: Total number of male Ethiopian employees for the month March (Megabit)

Information	[Type= continuous] [Format=numeric] [Range= 1-3302] [Missing=*]
Statistics [NW/ W]	[Valid=612 /-] [Invalid=11 /-] [Mean=88.095 /-] [StdDev=236.619 /-]
Definition	This variable is part of section 3.1 (Number of Persons Engaged) of the questionnaire
Literal question	Total number of male Ethiopian employees for the month March (Megabit)

#38 p31c11t: Total number of female Ethiopian employees for the month March (Megabit)

Information	[Type= continuous] [Format=numeric] [Range= 1-2894] [Missing=*]
Statistics [NW/ W]	[Valid=551 /-] [Invalid=72 /-] [Mean=50.985 /-] [StdDev=205.99 /-]
Definition	This variable is part of section 3.1 (Number of Persons Engaged) of the questionnaire

File Dataset_at_establishment_level_for_1988(1995-1996)

#38 p31c11t: Total number of female Ethiopian employees for the month March (Megabit)

Literal question	Total number of female Ethiopian employees for the month March (Megabit)

#39 p31c12t: Total number of foreigner employees for the month March (Megabit)

Information	[Type= continuous] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=15 /-] [Invalid=608 /-] [Mean=1.467 /-] [StdDev=0.743 /-]
Definition	This variable is part of section 3.1 (Number of Persons Engaged) of the questionnaire
Literal question	Total number of foreigner employees for the month March (Megabit)

#40 p31c13t: Total number of male Ethiopian employees for the month June (Sene)

Information	[Type= continuous] [Format=numeric] [Range= 1-3274] [Missing=*]
Statistics [NW/ W]	[Valid=611 /-] [Invalid=12 /-] [Mean=88.082 /-] [StdDev=236.372 /-]
Definition	This variable is part of section 3.1 (Number of Persons Engaged) of the questionnaire
Literal question	Total number of male Ethiopian employees for the month June (Sene)

#41 p31c14t: Total number of female Ethiopian employees for the month June (Sene)

Information	[Type= continuous] [Format=numeric] [Range= 1-2880] [Missing=*]
Statistics [NW/ W]	[Valid=550 /-] [Invalid=73 /-] [Mean=50.944 /-] [StdDev=205.264 /-]
Definition	This variable is part of section 3.1 (Number of Persons Engaged) of the questionnaire
Literal question	Total number of female Ethiopian employees for the month June (Sene)

#42 p31c15t: Total number of foreigner employees for the month June (Sene)

Information	[Type= continuous] [Format=numeric] [Range= 1-4] [Missing=*]
Statistics [NW/ W]	[Valid=15 /-] [Invalid=608 /-] [Mean=1.533 /-] [StdDev=0.915 /-]
Definition	This variable is part of section 3.1 (Number of Persons Engaged) of the questionnaire
Literal question	Total number of foreigner employees for the month June (Sene)

#43 p32c4t: Total number of illiterate employees

Information	[Type= continuous] [Format=numeric] [Range= 1-392] [Missing=*]
Statistics [NW/ W]	[Valid=139 /-] [Invalid=484 /-] [Mean=16.007 /-] [StdDev=51.306 /-]
Definition	This variable is part of section 3.2 (Number of Persons Engaged by Educational Status) of the questionnaire
Literal question	Total number of illiterate employees

#44 p32c5t: Total number of employees who can read and write

Information	[Type= continuous] [Format=numeric] [Range= 1-2286] [Missing=*]
Statistics [NW/ W]	[Valid=354 /-] [Invalid=269 /-] [Mean=48.782 /-] [StdDev=156.164 /-]
Definition	This variable is part of section 3.2 (Number of Persons Engaged by Educational Status) of the questionnaire
Literal question	Total number of employees who can read and write

#45 p32c6t: Total number of employees within Grade 1 to 6

Information	[Type= continuous] [Format=numeric] [Range= 1-1616] [Missing=*]
Statistics [NW/ W]	[Valid=498 /-] [Invalid=125 /-] [Mean=31.337 /-] [StdDev=111.002 /-]
Definition	This variable is part of section 3.2 (Number of Persons Engaged by Educational Status) of the questionnaire
Literal question	Total number of employees within Grade 1 to 6

#46 p32c7t: Total number of employees within Grade 7 to 8

Information	[Type= continuous] [Format=numeric] [Range= 1-2860] [Missing=*]

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#46 p32c7t: Total number of employees within Grade 7 to 8

Statistics [NW/ W]	[Valid=469 /-] [Invalid=154 /-] [Mean=24.932 /-] [StdDev=139.068 /-]
Definition	This variable is part of section 3.2 (Number of Persons Engaged by Educational Status) of the questionnaire
Literal question	Total number of employees within Grade 7 to 8

#47 p32c8t: Total number of employess within Grade 9 to 12

Information	[Type= continuous] [Format=numeric] [Range= 1-762] [Missing=*]
Statistics [NW/ W]	[Valid=586 /-] [Invalid=37 /-] [Mean=32.56 /-] [StdDev=69.526 /-]
Definition	This variable is part of section 3.2 (Number of Persons Engaged by Educational Status) of the questionnaire
Literal question	Total number of employess within Grade 9 to 12

#48 p32c9t: Total number of employees having diploma with first year or above

Information	[Type= continuous] [Format=numeric] [Range= 1-217] [Missing=*]
Statistics [NW/ W]	[Valid=200 /-] [Invalid=423 /-] [Mean=8.73 /-] [StdDev=21.475 /-]
Definition	This variable is part of section 3.2 (Number of Persons Engaged by Educational Status) of the questionnaire
Literal question	Total number of employees having diploma with first year or above

#49 p32c10t: Total number of employees having degree with first year or above

Information	[Type= continuous] [Format=numeric] [Range= 1-61] [Missing=*]
Statistics [NW/ W]	[Valid=95 /-] [Invalid=528 /-] [Mean=3.116 /-] [StdDev=7.757 /-]
Definition	This variable is part of section 3.2 (Number of Persons Engaged by Educational Status) of the questionnaire
Literal question	Total number of employees having degree with first year or above

#50 p32c11t: Total number of diploma holder employees

Information	[Type= continuous] [Format=numeric] [Range= 1-158] [Missing=*]
Statistics [NW/ W]	[Valid=274 /-] [Invalid=349 /-] [Mean=17.584 /-] [StdDev=30.203 /-]
Definition	This variable is part of section 3.2 (Number of Persons Engaged by Educational Status) of the questionnaire
Literal question	Total number of diploma holder employees

#51 p32c12t: Total number of degree holder employees

Information	[Type= continuous] [Format=numeric] [Range= 1-589] [Missing=*]
Statistics [NW/ W]	[Valid=212 /-] [Invalid=411 /-] [Mean=11.717 /-] [StdDev=52.97 /-]
Definition	This variable is part of section 3.2 (Number of Persons Engaged by Educational Status) of the questionnaire
Literal question	Total number of degree holder employees

#52 p33c4t: Total number of employees under 18 years old

Information	[Type= continuous] [Format=numeric] [Range= 1-14] [Missing=*]
Statistics [NW/ W]	[Valid=69 /-] [Invalid=554 /-] [Mean=2.667 /-] [StdDev=2.324 /-]
Definition	This variable is part of section 3.3 (Number of Persons Engaged by Age Group) of the questionnaire
Literal question	Total number of employees under 18 years old

#53 p33c5t: Total number of employees between 18 to 19 years old

Information	[Type= continuous] [Format=numeric] [Range= 1-50] [Missing=*]
Statistics [NW/ W]	[Valid=162 /-] [Invalid=461 /-] [Mean=3.599 /-] [StdDev=6.004 /-]
Definition	This variable is part of section 3.3 (Number of Persons Engaged by Age Group) of the questionnaire
Literal question	Total number of employees between 18 to 19 years old

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#54 p33c6t: Total number of employees between 20 to 29 years old

Information	[Type= continuous] [Format=numeric] [Range= 1-1142] [Missing=*]
Statistics [NW/ W]	[Valid=576 /-] [Invalid=47 /-] [Mean=28.007 /-] [StdDev=87.763 /-]
Definition	This variable is part of section 3.3 (Number of Persons Engaged by Age Group) of the questionnaire
Literal question	Total number of employees between 20 to 29 years old

#55 p33c7t: Total number of employees between 30 to 39 years old

Information	[Type= continuous] [Format=numeric] [Range= 1-2303] [Missing=*]
Statistics [NW/ W]	[Valid=550 /-] [Invalid=73 /-] [Mean=50.642 /-] [StdDev=153.717 /-]
Definition	This variable is part of section 3.3 (Number of Persons Engaged by Age Group) of the questionnaire
Literal question	Total number of employees between 30 to 39 years old

#56 p33c8t: Total number of employees between 40 to 49 years old

Information	[Type= continuous] [Format=numeric] [Range= 1-1520] [Missing=*]
Statistics [NW/ W]	[Valid=468 /-] [Invalid=155 /-] [Mean=44.806 /-] [StdDev=124.695 /-]
Definition	This variable is part of section 3.3 (Number of Persons Engaged by Age Group) of the questionnaire
Literal question	Total number of employees between 40 to 49 years old

#57 p33c9t: Total number of employees between 50 to 55 years old

Information	[Type= continuous] [Format=numeric] [Range= 1-908] [Missing=*]
Statistics [NW/ W]	[Valid=366 /-] [Invalid=257 /-] [Mean=18.434 /-] [StdDev=58.713 /-]
Definition	This variable is part of section 3.3 (Number of Persons Engaged by Age Group) of the questionnaire
Literal question	Total number of employees between 50 to 55 years old

#58 p33c10t: Total number of employees 56 and above years old

Information	[Type= continuous] [Format=numeric] [Range= 1-78] [Missing=*]
Statistics [NW/ W]	[Valid=164 /-] [Invalid=459 /-] [Mean=3.817 /-] [StdDev=8.272 /-]
Definition	This variable is part of section 3.3 (Number of Persons Engaged by Age Group) of the questionnaire
Literal question	Total number of employees 56 and above years old

#59 p34c4t: Total value of wage for male Ethiopian

Information	[Type= continuous] [Format=numeric] [Range= 288-14797837] [Missing=*]
Statistics [NW/ W]	[Valid=607 /-] [Invalid=16 /-] [Mean=456507.913 /-] [StdDev=1301240.26 /-]
Definition	This variable is part of section 3.4 (Wages and Salaries and Other Employee Benefits Paid) of the questionnaire
Literal question	Total value of wage for male Ethiopian

#60 p34c5t: Total value of wage for female Ethiopian

Information	[Type= continuous] [Format=numeric] [Range= 254-10724629] [Missing=*]
Statistics [NW/ W]	[Valid=514 /-] [Invalid=109 /-] [Mean=197710.352 /-] [StdDev=685123.319 /-]
Definition	This variable is part of section 3.4 (Wages and Salaries and Other Employee Benefits Paid) of the questionnaire
Literal question	Total value of wage for female Ethiopian

#61 p34c6t: Total value of wage for foreigners

Information	[Type= continuous] [Format=numeric] [Range= 10800-385362] [Missing=*]
Statistics [NW/ W]	[Valid=7 /-] [Invalid=616 /-] [Mean=84370.857 /-] [StdDev=135649.222 /-]
Definition	This variable is part of section 3.4 (Wages and Salaries and Other Employee Benefits Paid) of the questionnaire

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#61 p34c6t: Total value of wage for foreigners

Literal question	Total value of wage for foreigners

#62 p34c7t: Total value of wage

Information	[Type= continuous] [Format=numeric] [Range= 288-18025359] [Missing=*]
Statistics [NW/ W]	[Valid=611 /-] [Invalid=12 /-] [Mean=620808.543 /-] [StdDev=1763730.585 /-]
Definition	This variable is part of section 3.4 (Wages and Salaries and Other Employee Benefits Paid) of the questionnaire
Literal question	Total value of wage

#63 p34c8t: Commission, bonuses, proffional and hardship allowance

Information	[Type= continuous] [Format=numeric] [Range= 20-5204385] [Missing=*]
Statistics [NW/ W]	[Valid=245 /-] [Invalid=378 /-] [Mean=133354.371 /-] [StdDev=432997.387 /-]
Definition	This variable is part of section 3.4 (Wages and Salaries and Other Employee Benefits Paid) of the questionnaire
Literal question	Commission, bonuses, proffional and hardship allowance

#64 p34c9t: Actual cost of the establishmnet on food, lodging, medical and other benefits provided to employees free of charge

Information	[Type= continuous] [Format=numeric] [Range= 15-1422962] [Missing=*]
Statistics [NW/ W]	[Valid=323 /-] [Invalid=300 /-] [Mean=69314.594 /-] [StdDev=192433.213 /-]
Definition	This variable is part of section 3.4 (Wages and Salaries and Other Employee Benefits Paid) of the questionnaire
Literal question	Actual cost of the establishmnet on food, lodging, medical and other benefits provided to employees free of charge

#65 p34c10t: Establishment's contribution on behalf of employees to pension, life and casualty insurance schemes

Information	[Type= continuous] [Format=numeric] [Range= 114-1290111] [Missing=*]
Statistics [NW/ W]	[Valid=203 /-] [Invalid=420 /-] [Mean=119967.399 /-] [StdDev=196003.452 /-]
Definition	This variable is part of section 3.4 (Wages and Salaries and Other Employee Benefits Paid) of the questionnaire
Literal question	Establishment's contribution on behalf of employees to pension, life and casualty insurance schemes

#66 p35c4t: Total number of permanent employees for salary group under 75

Information	[Type= continuous] [Format=numeric] [Range= 1-49] [Missing=*]
Statistics [NW/ W]	[Valid=138 /-] [Invalid=485 /-] [Mean=3.529 /-] [StdDev=5.145 /-]
Definition	This variable is partof section 3.5 (Number of Permanent Employees by Basic Salary Group) of the questionnaire
Literal question	Total number of permanent employees for salary group under 75

#67 p35c5t: Total number of permanent employees for salary group between 75 and 105

Information	[Type= continuous] [Format=numeric] [Range= 1-857] [Missing=*]
Statistics [NW/ W]	[Valid=241 /-] [Invalid=382 /-] [Mean=9.494 /-] [StdDev=57.05 /-]
Definition	This variable is partof section 3.5 (Number of Permanent Employees by Basic Salary Group) of the questionnaire
Literal question	Total number of permanent employees for salary group between 75 and 105

#68 p35c6t: Total number of permanent employees salary group between 105 and 150

Information	[Type= continuous] [Format=numeric] [Range= 1-1467] [Missing=*]
Statistics [NW/ W]	[Valid=362 /-] [Invalid=261 /-] [Mean=23.525 /-] [StdDev=106.363 /-]
Definition	This variable is partof section 3.5 (Number of Permanent Employees by Basic Salary Group) of the questionnaire
Literal question	Total number of permanent employees salary group between 105 and 150

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#69 p35c7t: Total number of permanent employees salary group between 150 and 200

Information	[Type= continuous] [Format=numeric] [Range= 1-777] [Missing=*]
Statistics [NW/ W]	[Valid=434 /-] [Invalid=189 /-] [Mean=24.009 /-] [StdDev=76.014 /-]
Definition	This variable is partof section 3.5 (Number of Permanent Employees by Basic Salary Group) of the questionnaire
Literal question	Total number of permanent employees salary group between 150 and 200

#70 p35c8t: Total number of permanent employees salary group between 200 and 250

Information	[Type= continuous] [Format=numeric] [Range= 1-1440] [Missing=*]
Statistics [NW/ W]	[Valid=405 /-] [Invalid=218 /-] [Mean=28.242 /-] [StdDev=108.985 /-]
Definition	This variable is partof section 3.5 (Number of Permanent Employees by Basic Salary Group) of the questionnaire
Literal question	Total number of permanent employees salary group between 200 and 250

#71 p35c9t: Total number of permanent employees salary group between 250 and 300

Information	[Type= continuous] [Format=numeric] [Range= 1-1021] [Missing=*]
Statistics [NW/ W]	[Valid=373 /-] [Invalid=250 /-] [Mean=25.113 /-] [StdDev=80.252 /-]
Definition	This variable is partof section 3.5 (Number of Permanent Employees by Basic Salary Group) of the questionnaire
Literal question	Total number of permanent employees salary group between 250 and 300

#72 p35c10t: Total number of permanent employees salary group between 300 and 400

Information	[Type= continuous] [Format=numeric] [Range= 1-1229] [Missing=*]
Statistics [NW/ W]	[Valid=406 /-] [Invalid=217 /-] [Mean=35.443 /-] [StdDev=109.092 /-]
Definition	This variable is partof section 3.5 (Number of Permanent Employees by Basic Salary Group) of the questionnaire
Literal question	Total number of permanent employees salary group between 300 and 400

#73 p35c11t: Total number of permanent employees salary group between 400 and 500

Information	[Type= continuous] [Format=numeric] [Range= 1-691] [Missing=*]
Statistics [NW/ W]	[Valid=342 /-] [Invalid=281 /-] [Mean=26.152 /-] [StdDev=63.46 /-]
Definition	This variable is partof section 3.5 (Number of Permanent Employees by Basic Salary Group) of the questionnaire
Literal question	Total number of permanent employees salary group between 400 and 500

#74 p35c12t: Total number of permanent employees salary group between 500 and 700

Information	[Type= continuous] [Format=numeric] [Range= 1-484] [Missing=*]
Statistics [NW/ W]	[Valid=327 /-] [Invalid=296 /-] [Mean=26.661 /-] [StdDev=52.586 /-]
Definition	This variable is partof section 3.5 (Number of Permanent Employees by Basic Salary Group) of the questionnaire
Literal question	Total number of permanent employees salary group between 500 and 700

#75 p35c13t: Total number of permanent employees salary group between 700 and 1000

Information	[Type= continuous] [Format=numeric] [Range= 1-267] [Missing=*]
Statistics [NW/ W]	[Valid=256 /-] [Invalid=367 /-] [Mean=16.395 /-] [StdDev=31.154 /-]
Definition	This variable is partof section 3.5 (Number of Permanent Employees by Basic Salary Group) of the questionnaire
Literal question	Total number of permanent employees salary group between 700 and 1000

#76 p35c14t: Total number of permanent employees salary group between 1000 and 1500

Information	[Type= continuous] [Format=numeric] [Range= 1-116] [Missing=*]
Statistics [NW/ W]	[Valid=212 /-] [Invalid=411 /-] [Mean=6.321 /-] [StdDev=11.193 /-]
Definition	This variable is partof section 3.5 (Number of Permanent Employees by Basic Salary Group) of the questionnaire

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#76 p35c14t: Total number of permanent employees salary group between 1000 and 1500

Literal question	Total number of permanent employees salary group between 1000 and 1500

#77 p35c15t: Total number of permanent employees salary group between 1500 and 2000

Information	[Type= continuous] [Format=numeric] [Range= 1-29] [Missing=*]
Statistics [NW/ W]	[Valid=92 /-] [Invalid=531 /-] [Mean=2.533 /-] [StdDev=4.126 /-]
Definition	This variable is partof section 3.5 (Number of Permanent Employees by Basic Salary Group) of the questionnaire
Literal question	Total number of permanent employees salary group between 1500 and 2000

#78 p35c16t: Total number of permanent employees salary group over 2000

Information	[Type= continuous] [Format=numeric] [Range= 1-11] [Missing=*]
Statistics [NW/ W]	[Valid=43 /-] [Invalid=580 /-] [Mean=2.279 /-] [StdDev=2.292 /-]
Definition	This variable is partof section 3.5 (Number of Permanent Employees by Basic Salary Group) of the questionnaire
Literal question	Total number of permanent employees salary group over 2000

#79 p35c17t: Total number of permanent employees

Information	[Type= continuous] [Format=numeric] [Range= 1-4785] [Missing=*]
Statistics [NW/ W]	[Valid=610 /-] [Invalid=13 /-] [Mean=131.862 /-] [StdDev=387.274 /-]
Definition	This variable is partof section 3.5 (Number of Permanent Employees by Basic Salary Group) of the questionnaire
Literal question	Total number of permanent employees

#80 p41c9t: Total value of production

Information	[Type= continuous] [Format=numeric] [Range= 3600-422792268] [Missing=*]
Statistics [NW/ W]	[Valid=619 /-] [Invalid=4 /-] [Mean=8712941.024 /-] [StdDev=31525229.199 /-]
Definition	This variable is part of section 4.1 (Products and By-products) of the questionnaire
Literal question	Total value of production

#81 p41c11t: Total sales value

Information	[Type= continuous] [Format=numeric] [Range= 7600-424804368] [Missing=*]
Statistics [NW/ W]	[Valid=620 /-] [Invalid=3 /-] [Mean=8808986.185 /-] [StdDev=29786142.142 /-]
Definition	This variable is part of section 4.1 (Products and By-products) of the questionnaire
Literal question	Total sales value

#82 p41c13t: Total exported sales value

Information	[Type= continuous] [Format=numeric] [Range= 7200-86670388] [Missing=*]
Statistics [NW/ W]	[Valid=24 /-] [Invalid=599 /-] [Mean=16713177.958 /-] [StdDev=26957352.746 /-]
Definition	This variable is part of section 4.1 (Products and By-products) of the questionnaire
Literal question	Total exported sales value

#83 p42c3: Value of contract workdone for other by their materials

Information	[Type= continuous] [Format=numeric] [Range= 52-20293183] [Missing=*]
Statistics [NW/ W]	[Valid=135 /-] [Invalid=488 /-] [Mean=344202.378 /-] [StdDev=1834486.44 /-]
Definition	This variable is part of section 4.2 (Services and other receipts) of the questionnaire
Literal question	Value of contract workdone for other by their materials

#84 p42c4: Receipt for repair and maintenance work done for others

Information	[Type= continuous] [Format=numeric] [Range= 52-2125219] [Missing=*]

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#84 p42c4: Receipt for repair and maintenance work done for others

Statistics [NW/ W]	[Valid=76 /-] [Invalid=547 /-] [Mean=91248.882 /-] [StdDev=340015.742 /-]
Definition	This variable is part of section 4.2 (Services and other receipts) of the questionnaire
Literal question	Receipt for repair and maintenance work done for others

#85 p42c5: Receipts of products bought and resold without further proceccessing

Information	[Type= continuous] [Format=numeric] [Range= 207-31949107] [Missing=*]
Statistics [NW/ W]	[Valid=53 /-] [Invalid=570 /-] [Mean=1767853.358 /-] [StdDev=5342618.265 /-]
Definition	This variable is part of section 4.2 (Services and other receipts) of the questionnaire
Literal question	Receipts of products bought and resold without further proceccessing

#86 p42c6: Value of capital goods produced by own employees and materials for own use

Information	[Type= continuous] [Format=numeric] [Range= 800-31000] [Missing=*]
Statistics [NW/ W]	[Valid=14 /-] [Invalid=609 /-] [Mean=6650 /-] [StdDev=8774.153 /-]
Definition	This variable is part of section 4.2 (Services and other receipts) of the questionnaire
Literal question	Value of capital goods produced by own employees and materials for own use

#87 p42c7: Interest received

Information	[Type= continuous] [Format=numeric] [Range= 1000-916100] [Missing=*]
Statistics [NW/ W]	[Valid=11 /-] [Invalid=612 /-] [Mean=145072.636 /-] [StdDev=291206.405 /-]
Definition	This variable is part of section 4.2 (Services and other receipts) of the questionnaire
Literal question	Interest received

#88 p42c8: Rental income from lease of machinery and equipment

Information	[Type= continuous] [Format=numeric] [Range= 488-4572625] [Missing=*]
Statistics [NW/ W]	[Valid=85 /-] [Invalid=538 /-] [Mean=247131.376 /-] [StdDev=733515.551 /-]
Definition	This variable is part of section 4.2 (Services and other receipts) of the questionnaire
Literal question	Rental income from lease of machinery and equipment

#89 p42c9: Insurance claims

Information	[Type= continuous] [Format=numeric] [Range= 243-28000] [Missing=*]
Statistics [NW/ W]	[Valid=6 /-] [Invalid=617 /-] [Mean=9399.5 /-] [StdDev=11818.379 /-]
Definition	This variable is part of section 4.2 (Services and other receipts) of the questionnaire
Literal question	Insurance claims

#90 p42c10: Subsidy

Information	[Type= continuous] [Format=numeric] [Range= 16685-28400000] [Missing=*]
Statistics [NW/ W]	[Valid=7 /-] [Invalid=616 /-] [Mean=4383377.286 /-] [StdDev=10596421.808 /-]
Definition	This variable is part of section 4.2 (Services and other receipts) of the questionnaire
Literal question	Subsidy

#91 p42c11: Other income

Information	[Type= continuous] [Format=numeric] [Range= 56-6062319] [Missing=*]
Statistics [NW/ W]	[Valid=246 /-] [Invalid=377 /-] [Mean=260966.732 /-] [StdDev=703627.996 /-]
Definition	This variable is part of section 4.2 (Services and other receipts) of the questionnaire
Literal question	Other income

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#92 p42c12: Total services and other receipts

Information	[Type= continuous] [Format=numeric] [Range= 52-36640759] [Missing=*]
Statistics [NW/ W]	[Valid=366 /-] [Invalid=257 /-] [Mean=723309.792 /-] [StdDev=3311409.98 /-]
Definition	This variable is part of section 4.2 (Services and other receipts) of the questionnaire
Literal question	Total services and other receipts

#93 p61c8t: Total value of ocal raw materials

Information	[Type= continuous] [Format=numeric] [Range= 399-76332539] [Missing=*]
Statistics [NW/ W]	[Valid=572 /-] [Invalid=51 /-] [Mean=2512045.979 /-] [StdDev=7561934.49 /-]
Definition	This variable is part of section 6.1 (Cost and Quanity of Raw Materials) of the questionnaire
Literal question	Total value of ocal raw materials

#94 p61c10t: Total value of imported raw materials

Information	[Type= continuous] [Format=numeric] [Range= 20-133781001] [Missing=*]
Statistics [NW/ W]	[Valid=405 /-] [Invalid=218 /-] [Mean=3235419.815 /-] [StdDev=12256079.657 /-]
Definition	This variable is part of section 6.1 (Cost and Quanity of Raw Materials) of the questionnaire
Literal question	Total value of imported raw materials

#95 p61c12t: Total value of raw materials

Information	[Type= continuous] [Format=numeric] [Range= 1735-147547358] [Missing=*]
Statistics [NW/ W]	[Valid=620 /-] [Invalid=3 /-] [Mean=4486668.881 /-] [StdDev=13782572.696 /-]
Definition	This variable is part of section 6.1 (Cost and Quanity of Raw Materials) of the questionnaire
Literal question	Total value of raw materials

#96 p62c7t: Total value of fuel and lubricating oil

Information	[Type= continuous] [Format=numeric] [Range= 4-57714811] [Missing=*]
Statistics [NW/ W]	[Valid=383 /-] [Invalid=240 /-] [Mean=298037.352 /-] [StdDev=2982567.994 /-]
Definition	This variable is part of section 6.2 (Other Industrial Costs) of the questionnaire
Literal question	Total value of fuel and lubricating oil

#97 p62c8t: Electricity conmsuption in KWH

Information	[Type= continuous] [Format=numeric] [Range= 5-72268800] [Missing=*]
Statistics [NW/ W]	[Valid=309 /-] [Invalid=314 /-] [Mean=624542.913 /-] [StdDev=4439864.493 /-]
Definition	This variable is part of section 6.2 (Other Industrial Costs) of the questionnaire
Literal question	Electricity conmsuption in KWH

#98 p62c9t: Value of electricity consumed

Information	[Type= continuous] [Format=numeric] [Range= 40-17981785] [Missing=*]
Statistics [NW/ W]	[Valid=613 /-] [Invalid=10 /-] [Mean=143423.509 /-] [StdDev=849719.471 /-]
Definition	This variable is part of section 6.2 (Other Industrial Costs) of the questionnaire
Literal question	Value of electricity consumed

#99 p62c10t: Cost of wood and charcoal that used for energy

Information	[Type= continuous] [Format=numeric] [Range= 8-189200] [Missing=*]
Statistics [NW/ W]	[Valid=74 /-] [Invalid=549 /-] [Mean=18778.311 /-] [StdDev=27751.541 /-]
Definition	This variable is part of section 6.2 (Other Industrial Costs) of the questionnaire

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#99 p62c10t: Cost of wood and charcoal that used for energy

Literal question	Cost of wood and charcoal that used for energy

#100 p62c11t: Cost of water consumed

Information	[Type= continuous] [Format=numeric] [Range= 42-7356745] [Missing=*]
Statistics [NW/ W]	[Valid=437 /-] [Invalid=186 /-] [Mean=110359.208 /-] [StdDev=485126.567 /-]
Definition	This variable is part of section 6.2 (Other Industrial Costs) of the questionnaire
Literal question	Cost of water consumed

#101 p62c12t: Cost of contract work done by others for the establishment

Information	[Type= continuous] [Format=numeric] [Range= 6-2257534] [Missing=*]
Statistics [NW/ W]	[Valid=502 /-] [Invalid=121 /-] [Mean=13559 /-] [StdDev=108572.982 /-]
Definition	This variable is part of section 6.2 (Other Industrial Costs) of the questionnaire
Literal question	Cost of contract work done by others for the establishment

#102 p62c13t: Cost of goods bought and resold

Information	[Type= continuous] [Format=numeric] [Range= 875-21518302] [Missing=*]
Statistics [NW/ W]	[Valid=42 /-] [Invalid=581 /-] [Mean=1510602.095 /-] [StdDev=3967792.27 /-]
Definition	This variable is part of section 6.2 (Other Industrial Costs) of the questionnaire
Literal question	Cost of goods bought and resold

#103 p62c14t: Cost of repair and mainterance

Information	[Type= continuous] [Format=numeric] [Range= 200-940213] [Missing=*]
Statistics [NW/ W]	[Valid=44 /-] [Invalid=579 /-] [Mean=92486.955 /-] [StdDev=240663.893 /-]
Definition	This variable is part of section 6.2 (Other Industrial Costs) of the questionnaire
Literal question	Cost of repair and maintenance

#104 p62c15t: Total value of other inputs

Information	[Type= continuous] [Format=numeric] [Range= 40-83053341] [Missing=*]
Statistics [NW/ W]	[Valid=622 /-] [Invalid=1 /-] [Mean=524123.502 /-] [StdDev=3625202.392 /-]
Definition	This variable is part of section 6.2 (Other Industrial Costs) of the questionnaire
Literal question	Total value of other inputs

#105 p63c3: License fee

Information	[Type= continuous] [Format=numeric] [Range= 36-339330] [Missing=*]
Statistics [NW/ W]	[Valid=497 /-] [Invalid=126 /-] [Mean=7303.765 /-] [StdDev=22281.233 /-]
Definition	This variable is part of section 6.3 (Other Non-industrial Costs) of the questionnaire
Literal question	License fee

#106 p63c4: Advertising fee

Information	[Type= continuous] [Format=numeric] [Range= 16-1006989] [Missing=*]
Statistics [NW/ W]	[Valid=218 /-] [Invalid=405 /-] [Mean=42726.372 /-] [StdDev=119363.874 /-]
Definition	This variable is part of section 6.3 (Other Non-industrial Costs) of the questionnaire
Literal question	Advertising fee

#107 p63c5: Stationary, telephone and mailing expenses

Information	[Type= continuous] [Format=numeric] [Range= 10-776855] [Missing=*]

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#107 p63c5: Stationary, telephone and mailing expenses

Statistics [NW/ W]	[Valid=595 /-] [Invalid=28 /-] [Mean=32201.919 /-] [StdDev=79205.37 /-]
Definition	This variable is part of section 6.3 (Other Non-industrial Costs) of the questionnaire
Literal question	Stationary, telephone and mailing expenses

#108 p63c6: Payment for accounting, legal commission, etc..

Information	[Type= continuous] [Format=numeric] [Range= 10-4510374] [Missing=*]
Statistics [NW/ W]	[Valid=245 /-] [Invalid=378 /-] [Mean=52895.898 /-] [StdDev=297260.109 /-]
Definition	This variable is part of section 6.3 (Other Non-industrial Costs) of the questionnaire
Literal question	Payment for accounting, legal commission, etc..

#109 p63c7: Transport cost

Information	[Type= continuous] [Format=numeric] [Range= 20-5739521] [Missing=*]
Statistics [NW/ W]	[Valid=519 /-] [Invalid=104 /-] [Mean=139504.784 /-] [StdDev=438811.685 /-]
Definition	This variable is part of section 6.3 (Other Non-industrial Costs) of the questionnaire
Literal question	Transport cost

#110 p63c8: Bank charges and interest payments

Information	[Type= continuous] [Format=numeric] [Range= 8-8581457] [Missing=*]
Statistics [NW/ W]	[Valid=279 /-] [Invalid=344 /-] [Mean=434065.663 /-] [StdDev=1074186.272 /-]
Definition	This variable is part of section 6.3 (Other Non-industrial Costs) of the questionnaire
Literal question	Bank charges and interest payments

#111 p63c9: Dividend payments

Information	[Type= continuous] [Format=numeric] [Range= 6000-41564] [Missing=*]
Statistics [NW/ W]	[Valid=7 /-] [Invalid=616 /-] [Mean=23572.714 /-] [StdDev=14857.746 /-]
Definition	This variable is part of section 6.3 (Other Non-industrial Costs) of the questionnaire
Literal question	Dividend payments

#112 p63c10: Rent payable for rental of structures and equipment

Information	[Type= continuous] [Format=numeric] [Range= 35-953538] [Missing=*]
Statistics [NW/ W]	[Valid=256 /-] [Invalid=367 /-] [Mean=19362.688 /-] [StdDev=67624.366 /-]
Definition	This variable is part of section 6.3 (Other Non-industrial Costs) of the questionnaire
Literal question	Rent payable for rental of structures and equipment

#113 p63c11: Insurance premium on property

Information	[Type= continuous] [Format=numeric] [Range= 114-848445] [Missing=*]
Statistics [NW/ W]	[Valid=320 /-] [Invalid=303 /-] [Mean=53868.091 /-] [StdDev=117177.978 /-]
Definition	This variable is part of section 6.3 (Other Non-industrial Costs) of the questionnaire
Literal question	Insurance premium on property

#114 p63c12: Others non-industrials costs

Information	[Type= continuous] [Format=numeric] [Range= 8-13985861] [Missing=*]
Statistics [NW/ W]	[Valid=435 /-] [Invalid=188 /-] [Mean=317534.618 /-] [StdDev=1074638.585 /-]
Definition	This variable is part of section 6.3 (Other Non-industrial Costs) of the questionnaire
Literal question	Others non-industrials costs

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#115 p63c13: Total value of other non-industrial expenses

Information	[Type= continuous] [Format=numeric] [Range= 50-16361941] [Missing=*]
Statistics [NW/ W]	[Valid=619 /-] [Invalid=4 /-] [Mean=644682.496 /-] [StdDev=1824699.303 /-]
Definition	This variable is part of section 6.3 (Other Non-industrial Costs) of the questionnaire
Literal question	Total value of other non-industrial expenses

#116 p64c3: Indirect taxes payments

Information	[Type= continuous] [Format=numeric] [Range= 50-95373274] [Missing=*]
Statistics [NW/ W]	[Valid=459 /-] [Invalid=164 /-] [Mean=1854433.922 /-] [StdDev=8290123.447 /-]
Definition	This variable is part of section 6.4 (Taxes Paid) of the questionnaire
Literal question	Indirect taxes payments

#117 p64c4: Income tax paid on profit

Information	[Type= continuous] [Format=numeric] [Range= 70-68725623] [Missing=*]
Statistics [NW/ W]	[Valid=353 /-] [Invalid=270 /-] [Mean=825548.915 /-] [StdDev=4159511.804 /-]
Definition	This variable is part of section 6.4 (Taxes Paid) of the questionnaire
Literal question	Income tax paid on profit

#118 p64c5: Total taxes paid

Information	[Type= continuous] [Format=numeric] [Range= 150-164098897] [Missing=*]
Statistics [NW/ W]	[Valid=541 /-] [Invalid=82 /-] [Mean=2112022.065 /-] [StdDev=10402487.948 /-]
Definition	This variable is part of section 6.4 (Taxes Paid) of the questionnaire
Literal question	Total taxes paid

#119 p71c4t: Total book value of the fixed assets at begining of the year

Information	[Type= continuous] [Format=numeric] [Range= 1-209766398] [Missing=*]
Statistics [NW/ W]	[Valid=610 /-] [Invalid=13 /-] [Mean=3748330.033 /-] [StdDev=16355502.852 /-]
Definition	This variable is part of section 7.1 (Fixed Assets and Investment) of the questionnaire
Literal question	Total book value of the fixed assets at begining of the year

#120 p71c5t: Total value of investment for purchase and capital repair of fixed assets

Information	[Type= continuous] [Format=numeric] [Range= 45-31843521] [Missing=*]
Statistics [NW/ W]	[Valid=287 /-] [Invalid=336 /-] [Mean=798840.066 /-] [StdDev=2711045.422 /-]
Definition	This variable is part of section 7.1 (Fixed Assets and Investment) of the questionnaire
Literal question	Total value of investment for purchase and capital repair of fixed assets

#121 p71c6t: Total value of sold and disposed during the year

Information	[Type= continuous] [Format=numeric] [Range= 10-11398768] [Missing=*]
Statistics [NW/ W]	[Valid=68 /-] [Invalid=555 /-] [Mean=334072.735 /-] [StdDev=1550323.668 /-]
Definition	This variable is part of section 7.1 (Fixed Assets and Investment) of the questionnaire
Literal question	Total value of sold and disposed during the year

#122 p71c7t: Total value of depreciation during the year

Information	[Type= continuous] [Format=numeric] [Range= 37-30057644] [Missing=*]
Statistics [NW/ W]	[Valid=587 /-] [Invalid=36 /-] [Mean=406359.71 /-] [StdDev=1680967.394 /-]
Definition	This variable is part of section 7.1 (Fixed Assets and Investment) of the questionnaire

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#122 p71c7t: Total value of depreciation during the year

Literal question	Total value of depreciation during the year

#123 p71c8t: Total book value of the fixed assers at end of the year

Information	[Type= continuous] [Format=numeric] [Range= 1-218547459] [Missing=*]
Statistics [NW/ W]	[Valid=615 /-] [Invalid=8 /-] [Mean=3665850.932 /-] [StdDev=15671512.975 /-]
Definition	This variable is part of section 7.1 (Fixed Assets and Investment) of the questionnaire
Literal question	Total book value of the fixed assers at end of the year

#124 p71c11t: Total value of investment in fixed assets

Information	[Type= continuous] [Format=numeric] [Range= 45-31843521] [Missing=*]
Statistics [NW/ W]	[Valid=287 /-] [Invalid=336 /-] [Mean=798840.066 /-] [StdDev=2711045.422 /-]
Definition	This variable is part of section 7.1 (Fixed Assets and Investment) of the questionnaire
Literal question	Total value of investment in fixed assets

#125 p71c12t: Total value of working capital

Information	[Type= continuous] [Format=numeric] [Range= 154-111225171] [Missing=*]
Statistics [NW/ W]	[Valid=327 /-] [Invalid=296 /-] [Mean=3818487.758 /-] [StdDev=12983744.937 /-]
Definition	This variable is part of section 7.1 (Fixed Assets and Investment) of the questionnaire
Literal question	Total value of working capital

#126 p81c8t: Total value of production at full capacity

Information	[Type= continuous] [Format=numeric] [Range= 28800-702335000] [Missing=*]
Statistics [NW/ W]	[Valid=621 /-] [Invalid=2 /-] [Mean=16599742.704 /-] [StdDev=52703922.598 /-]
Definition	This variable is part of section 8.1 (Annual Production at Full Capacity) of the questionnaire
Literal question	Total value of production at full capacity

#127 p82c8t: Total value of local raw materials for full capacity production

Information	[Type= continuous] [Format=numeric] [Range= 975-234056860] [Missing=*]
Statistics [NW/ W]	[Valid=556 /-] [Invalid=67 /-] [Mean=5335327.365 /-] [StdDev=15384393.686 /-]
Definition	This variable is part of section 8.2 (Estimated Value and Quantity of Raw Materials Needed, at Full Capacity) of the questionnaire
Literal question	Total value of local raw materials for full capacity production

#128 p82c10t: Total value of imported raw materials for full capacity production

Information	[Type= continuous] [Format=numeric] [Range= 112-265201094] [Missing=*]
Statistics [NW/ W]	[Valid=384 /-] [Invalid=239 /-] [Mean=6379993.839 /-] [StdDev=21828781.075 /-]
Definition	This variable is part of section 8.2 (Estimated Value and Quantity of Raw Materials Needed, at Full Capacity) of the questionnaire
Literal question	Total value of imported raw materials for full capacity production

#129 p82c12t: Total value of estimated raw materials

Information	[Type= continuous] [Format=numeric] [Range= 2357-285500005] [Missing=*]
Statistics [NW/ W]	[Valid=616 /-] [Invalid=7 /-] [Mean=8774166.055 /-] [StdDev=23963364.44 /-]
Definition	This variable is part of section 8.2 (Estimated Value and Quantity of Raw Materials Needed, at Full Capacity) of the questionnaire
Literal question	Total value of estimated raw materials

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#130 p83a: Three major problems that prevented operating with full capacity (1)

Information	[Type= discrete] [Format=numeric] [Range= 1-7] [Missing=*]
Statistics [NW/ W]	[Valid=551 /-] [Invalid=72 /-]
Literal question	What were the three major problems that prevented the establishment from operating with full capacity

Value	Label	Cases	Percentage
1	Shoratge of supply of raw materials	153	27.8%
2	Shortage of spare parts	24	4.4%
3	Getting market/customers	267	48.5%
4	Lack of credit from Banks	15	2.7%
5	Shortage of foregin exchange	3	0.5%
6	Lack of skill	2	0.4%
7	Total	87	15.8%
Sysmiss		72	

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

#131 p83b: Three major problems that prevented operating with full capacity (2)

Information	[Type= discrete] [Format=numeric] [Range= 1-7] [Missing=*]
Statistics [NW/ W]	[Valid=351 /-] [Invalid=272 /-]
Literal question	What were the three major problems that prevented the establishment from operating with full capacity

Value	Label	Cases	Percentage
1	Shoratge of supply of raw materials	79	22.5%
2	Shortage of spare parts	50	14.2%
3	Getting market/customers	93	26.5%
4	Lack of credit from Banks	39	11.1%
5	Shortage of foregin exchange	4	1.1%
6	Lack of skill	9	2.6%
7	Total	77	21.9%
Sysmiss		272	

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

#132 p83c: Three major problems that prevented operating with full capacity (3)

Information	[Type= discrete] [Format=numeric] [Range= 1-7] [Missing=*]
Statistics [NW/ W]	[Valid=145 /-] [Invalid=478 /-]
Literal question	What were the three major problems that prevented the establishment from operating with full capacity

Value	Label	Cases	Percentage
1	Shoratge of supply of raw materials	24	16.6%
2	Shortage of spare parts	23	15.9%
3	Getting market/customers	20	13.8%
4	Lack of credit from Banks	24	16.6%
5	Shortage of foregin exchange	5	3.4%
6	Lack of skill	7	4.8%
7	Total	42	29.0%
Sysmiss		478	

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

File Dataset_at_establishment_level_for_1988(1995-1996)

#133 p84a: First major problem faced the establishment at present

Information	[Type= discrete] [Format=numeric] [Range= 1-11] [Missing=*]
Statistics [NW/ W]	[Valid=548 /-] [Invalid=75 /-]
Literal question	What are the three major problems that are facing the establishment at present ?

Value	Label	Cases	Percentage
1	Shortage of supply of raw materials	116	21.2%
2	Shortage of spare parts	23	4.2%
3	Difficult market competition	30	5.5%
4	Getting market/customers	209	38.1%
5	Shortage of working capital	34	6.2%
6	Frequent machine breakage	16	2.9%
7	Inconvenient working place	18	3.3%
8	Problems with workers	0	0.0%
9	Government rules and regulation	16	2.9%
10	No problems faced	48	8.8%
11	Others	38	6.9%
Sysmiss		75	

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

#134 p84b: Second major problem faced the establishment at present

Information	[Type= discrete] [Format=numeric] [Range= 1-11] [Missing=*]
Statistics [NW/ W]	[Valid=360 /-] [Invalid=263 /-]
Literal question	What are the three major problems that are facing the establishment at present ?

Value	Label	Cases	Percentage
1	Shortage of supply of raw materials	61	16.9%
2	Shortage of spare parts	35	9.7%
3	Difficult market competition	39	10.8%
4	Getting market/customers	73	20.3%
5	Shortage of working capital	43	11.9%
6	Frequent machine breakage	28	7.8%
7	Inconvenient working place	23	6.4%
8	Problems with workers	3	0.8%
9	Government rules and regulation	23	6.4%
10	No problems faced	0	0.0%
11	Others	32	8.9%
Sysmiss		263	

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

#135 p84c: Third major problem faced the establishment at present

Information	[Type= discrete] [Format=numeric] [Range= 1-11] [Missing=*]
Statistics [NW/ W]	[Valid=187 /-] [Invalid=436 /-]
Literal question	What are the three major problems that are facing the establishment at present ?

Value	Label	Cases	Percentage
1	Shortage of supply of raw materials	19	10.2%
2	Shortage of spare parts	16	8.6%

File Dataset_at_establishment_level_for_1988(1995-1996)

#135 p84c: Third major problem faced the establishment at present

Value	Label	Cases	Percentage
3	Difficult market competition	16	8.6%
4	Getting market/customers	16	8.6%
5	Shortage of working capital	28	15.0%
6	Frequent machine breakage	23	12.3%
7	Inconvenient working place	15	8.0%
8	Problems with workers	8	4.3%
9	Government rules and regulation	15	8.0%
10	No problems faced	1	0.5%
11	Others	30	16.0%
Sysmiss		436	

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

File Number_of_persons_engaged_part31

#1 eid: Enterprise id

Information	[Type= discrete] [Format=numeric] [Range= 15110002-36102745] [Missing=*]
Statistics [NW/ W]	[Valid=1830 /-] [Invalid=0 /-]
Literal question	Enterprise id
Recoding and Derivation	This variable is derived by combining two variables, i.e. ISIC and establishment. The enterprise id is unique for each questionnaire.

#2 region: Region code

Information	[Type= discrete] [Format=numeric] [Range= 1-15] [Missing=*]
Statistics [NW/ W]	[Valid=1830 /-] [Invalid=0 /-]
Literal question	Region code

Value	Label	Cases	Percentage
1	TIGRAY	66	3.6%
2	AFAR	6	0.3%
3	AMHARA	125	6.8%
4	OROMIA	212	11.6%
5	SOMALIE	3	0.2%
6	BENSHANGUL	0	0.0%
7	S.N.N.P.R.	108	5.9%
12	GAMBELA	6	0.3%
13	HARARI	20	1.1%
14	ADDIS ABABA	1206	65.9%
15	DIRE DAWA	78	4.3%

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

#3 srefyear: Survey reference year

Information	[Type= discrete] [Format=numeric] [Range= 1988-1988] [Missing=*]
Statistics [NW/ W]	[Valid=1830 /-] [Invalid=0 /-]
Literal question	Survey reference year

File Number_of_persons_engaged_part31

#3 srefyear: Survey reference year

Value	Label	Cases	Percentage
1988	1988 (1995/1996)	1830	100.0%

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

#4 isic: International standard industrial classification (ISIC)

Information	[Type= discrete] [Format=numeric] [Range= 1511-3610] [Missing=*]
Statistics [NW/ W]	[Valid=1830 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1511	Production, processing and preserving of meat, fruit and veg	20	1.1%
1514	manufacture of edible oil	84	4.6%
1520	Manufacture of dairy products	2	0.1%
1531	Manufacture of flour	51	2.8%
1533	Manufacture of animal feed	4	0.2%
1541	manufacture of bakery	204	11.1%
1542	Manufacture of sugar and confeationary	14	0.8%
1544	manufacture of pasta and macaroni	7	0.4%
1549	Manufacture of food NEC	15	0.8%
1551	Distiling rectifying and blending of spirit	19	1.0%
1552	Manufacture of wine	3	0.2%
1553	Malt liqores and malt	14	0.8%
1554	Manufacture of soft drinks	19	1.0%
1600	Manufacture of tobacco	3	0.2%
1710	spining , weaving and finishing	56	3.1%
1723	Manufacture of cordage rope and twine	9	0.5%
1730	Kniting mills	27	1.5%
1810	manufacture of wearing apparal except fur	69	3.8%
1910	Tanning and dressing of leather	23	1.3%
1920	manufacture of footwear	161	8.8%
2000	Manufacture wood and wood products	72	3.9%
2100	Manufacture of paper and paper products	14	0.8%
2200	Publishing and printing services	107	5.8%
2411	Manufacture of basic chemicals except fertilzers	6	0.3%
2422	Manufacture of paints varnishes	14	0.8%
2423	Manufacture of phrmaceuticals, medicinial	6	0.3%
2424	Manufacture of soap detregents, perfumes..	59	3.2%
2429	Manufacture of chemical productsNEC	7	0.4%
2510	Manufacture of rubber	11	0.6%
2520	Manufacture of plastics	27	1.5%
2610	Manufacture of glass and glass products	7	0.4%
2693	Manufacture of structural clay products	23	1.3%
2694	Manufacture of cement ,lime and plaster	15	0.8%
2695	Manufacture of articles of concrete, cement	188	10.3%
2699	Manufacture of non-metalic NEC	8	0.4%
2710	Manufacture of basic iron and steel	8	0.4%

File Number_of_persons_engaged_part31

#4 isic: International standard industrial classification (ISIC)

Value	Label	Cases	Percentage
2811	Manufacture of structural metal products	99	5.4%
2892	Manufacture of cuttlery hand tools....	0	0.0%
2893	Manufacture of other fabricated metal products	14	0.8%
2899	Manufacture of pumps,compressors, valves and taps	19	1.0%
2912		2	0.1%
2914	Manufacture of ovens	13	0.7%
2919		7	0.4%
2925	Manufacture of other general purpose machnery	19	1.0%
3140	Manufacture of battries	3	0.2%
3420	manufacture of bodies for mothor vechiles	32	1.7%
3430	manufacture of parts and accessaries	8	0.4%
3610	Manufacture of furniture	238	13.0%

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

#5 p31c2: General occupation

Information	[Type= discrete] [Format=numeric] [Range= 1-7] [Missing=*]
Statistics [NW/ W]	[Valid=1830 /-] [Invalid=0 /-]
Definition	This variable is part of section 3.1 (Number of Persons Engaged) of the questionnaire
Literal question	General occupation

Value	Label	Cases	Percentage
1	Working proprietors, active parteners and family workers	323	17.7%
2	Un-paid apperentices	30	1.6%
3	Administrative, technical employees, clerical and office wor	559	30.5%
4	Production workers	594	32.5%
5	Paid apperentices	52	2.8%
6	Seasonal and temporary workers	272	14.9%
7	Total	0	0.0%

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

#6 p31c4: Number of male Ethiopian employees for the month September (Meskerem)

Information	[Type= continuous] [Format=numeric] [Range= 1-2499] [Missing=*]
Statistics [NW/ W]	[Valid=1420 /-] [Invalid=410 /-] [Mean=37.989 /-] [StdDev=125.498 /-]
Definition	This variable is part of section 3.1 (Number of Persons Engaged) of the questionnaire
Universe	All employees
Literal question	Number of male Ethiopian employees for the month September (Meskerem)

#7 p31c5: Number of female Ethiopian employees for the month September (Meskerem)

Information	[Type= continuous] [Format=numeric] [Range= 1-3109] [Missing=*]
Statistics [NW/ W]	[Valid=899 /-] [Invalid=931 /-] [Mean=31.815 /-] [StdDev=156.134 /-]
Definition	This variable is part of section 3.1 (Number of Persons Engaged) of the questionnaire
Universe	All employees
Literal question	Number of female Ethiopian employees for the month September (Meskerem)

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#8 p31c6: Number of foreigner employees for the month September (Meskerem)

Information	[Type= continuous] [Format=numeric] [Range= 1-4] [Missing=*]
Statistics [NW/ W]	[Valid=16 /-] [Invalid=1814 /-] [Mean=1.438 /-] [StdDev=0.892 /-]
Definition	This variable is part of section 3.1 (Number of Persons Engaged) of the questionnaire
Universe	All employees
Literal question	Number of foreigner employees for the month September (Meskerem)

#9 p31c7: Number of male Ethiopian employees for the month December (Tahisas)

Information	[Type= continuous] [Format=numeric] [Range= 1-2380] [Missing=*]
Statistics [NW/ W]	[Valid=1446 /-] [Invalid=384 /-] [Mean=37.145 /-] [StdDev=120.286 /-]
Definition	This variable is part of section 3.1 (Number of Persons Engaged) of the questionnaire
Universe	All employees
Literal question	Number of male Ethiopian employees for the month December (Tahisas)

#10 p31c8: Number of female Ethiopian employees for the month December (Tahisas)

Information	[Type= continuous] [Format=numeric] [Range= 1-2653] [Missing=*]
Statistics [NW/ W]	[Valid=916 /-] [Invalid=914 /-] [Mean=30.604 /-] [StdDev=144.357 /-]
Definition	This variable is part of section 3.1 (Number of Persons Engaged) of the questionnaire
Universe	All employees
Literal question	Number of female Ethiopian employees for the month December (Tahisas)

#11 p31c9: Number of foreigner employees for the month December (Tahisas)

Information	[Type= continuous] [Format=numeric] [Range= 1-58] [Missing=*]
Statistics [NW/ W]	[Valid=18 /-] [Invalid=1812 /-] [Mean=6.278 /-] [StdDev=14.8 /-]
Definition	This variable is part of section 3.1 (Number of Persons Engaged) of the questionnaire
Universe	All employees
Literal question	Number of foreigner employees for the month December (Tahisas)

#12 p31c10: Number of male Ethiopian employees for the month March (Megabit)

Information	[Type= continuous] [Format=numeric] [Range= 1-2430] [Missing=*]
Statistics [NW/ W]	[Valid=1463 /-] [Invalid=367 /-] [Mean=36.852 /-] [StdDev=119.079 /-]
Definition	This variable is part of section 3.1 (Number of Persons Engaged) of the questionnaire
Universe	All employees
Literal question	Number of male Ethiopian employees for the month March (Megabit)

#13 p31c11: Number of female Ethiopian employees for the month March (Megabit)

Information	[Type= continuous] [Format=numeric] [Range= 1-2726] [Missing=*]
Statistics [NW/ W]	[Valid=934 /-] [Invalid=896 /-] [Mean=30.078 /-] [StdDev=144.464 /-]
Definition	This variable is part of section 3.1 (Number of Persons Engaged) of the questionnaire
Universe	All employees
Literal question	Number of female Ethiopian employees for the month March (Megabit)

#14 p31c12: Number of foreigner employees for the month March (Megabit)

Information	[Type= continuous] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=16 /-] [Invalid=1814 /-] [Mean=1.375 /-] [StdDev=0.719 /-]

File Number_of_persons_engaged_part31

#14 p31c12: Number of foreigner employees for the month March (Megabit)

Definition	This variable is part of section 3.1 (Number of Persons Engaged) of the questionnaire
Universe	All employees
Literal question	Number of foreigner employees for the month March (Megabit)

#15 p31c13: Number of male Ethiopian employees for the month June (Sene)

Information	[Type= continuous] [Format=numeric] [Range= 1-2415] [Missing=*]
Statistics [NW/ W]	[Valid=1462 /-] [Invalid=368 /-] [Mean=36.811 /-] [StdDev=119.323 /-]
Definition	This variable is part of section 3.1 (Number of Persons Engaged) of the questionnaire
Universe	All employees
Literal question	Number of male Ethiopian employees for the month June (Sene)

#16 p31c14: Number of female Ethiopian employees for the month June (Sene)

Information	[Type= continuous] [Format=numeric] [Range= 1-2712] [Missing=*]
Statistics [NW/ W]	[Valid=932 /-] [Invalid=898 /-] [Mean=30.063 /-] [StdDev=143.915 /-]
Definition	This variable is part of section 3.1 (Number of Persons Engaged) of the questionnaire
Universe	All employees
Literal question	Number of female Ethiopian employees for the month June (Sene)

#17 p31c15: Number of foreigner employees for the month June (Sene)

Information	[Type= continuous] [Format=numeric] [Range= 1-4] [Missing=*]
Statistics [NW/ W]	[Valid=16 /-] [Invalid=1814 /-] [Mean=1.438 /-] [StdDev=0.892 /-]
Definition	This variable is part of section 3.1 (Number of Persons Engaged) of the questionnaire
Universe	All employees
Literal question	Number of foreigner employees for the month June (Sene)

#18 p31c16: Persons per month

Information	[Type= continuous] [Format=numeric] [Range= 2-6660] [Missing=*]
Statistics [NW/ W]	[Valid=271 /-] [Invalid=1559 /-] [Mean=398.28 /-] [StdDev=789.065 /-]
Definition	This variable is part of section 3.1 (Number of Persons Engaged) of the questionnaire
Universe	Seasonal and temporary employees
Literal question	Persons per month

#19 p31c17: Wage for temporary workers

Information	[Type= continuous] [Format=numeric] [Range= 200-3878845] [Missing=*]
Statistics [NW/ W]	[Valid=271 /-] [Invalid=1559 /-] [Mean=83398.605 /-] [StdDev=279747.481 /-]
Definition	This variable is part of section 3.1 (Number of Persons Engaged) of the questionnaire
Universe	Seasonal and temporary employees
Literal question	Wage for temporary workers

File Number_of_employees_by_educational_level_part32

#1 eid: Enterprise id

Information	[Type= discrete] [Format=numeric] [Range= 15110002-36102745] [Missing=*]
Statistics [NW/ W]	[Valid=1515 /-] [Invalid=0 /-]
Literal question	Enterprise id

File Number_of_employees_by_educational_level_part32

#1 eid: Enterprise id

Recoding and Derivation	This variable is derived by combining two variables, i.e. ISIC and establishment. The enterprise id is unique for each questionnaire.

#2 region: Region code

Information	[Type= discrete] [Format=numeric] [Range= 1-15] [Missing=*]
Statistics [NW/ W]	[Valid=1515 /-] [Invalid=0 /-]
Literal question	Region code

Value	Label	Cases	Percentage
1	TIGRAY	52	3.4%
2	AFAR	4	0.3%
3	AMHARA	97	6.4%
4	OROMIA	164	10.8%
5	SOMALIE	3	0.2%
6	BENSHANGUL	0	0.0%
7	S.N.N.P.R.	89	5.9%
12	GAMBELA	4	0.3%
13	HARARI	17	1.1%
14	ADDIS ABABA	1021	67.4%
15	DIRE DAWA	64	4.2%

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

#3 srefyear: Survey reference year

Information	[Type= discrete] [Format=numeric] [Range= 1988-1988] [Missing=*]
Statistics [NW/ W]	[Valid=1515 /-] [Invalid=0 /-]
Literal question	Survey reference year

Value	Label	Cases	Percentage
1988	1988 (1995/1996)		

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

#4 isic: International standard industrial classification (ISIC)

Information	[Type= discrete] [Format=numeric] [Range= 1511-3610] [Missing=*]
Statistics [NW/ W]	[Valid=1515 /-] [Invalid=0 /-]
Literal question	International standard industrial classification (ISIC)

Value	Label	Cases	Percentage
1511	Production, processing and preserving of meat, fruit and veg	14	0.9%
1514	manufacture of edible oil	65	4.3%
1520	Manufacture of dairy products	2	0.1%
1531	Manufacture of flour	40	2.6%
1533	Manufacture of animal feed	4	0.3%
1541	manufacture of bakery	185	12.2%
1542	Manufacture of sugar and confeconary	9	0.6%
1544	manufacture of pasta and macaroni	5	0.3%
1549	Manufacture of food NEC	11	0.7%
1551	Distiling rectifying and blending of spirit	17	1.1%
1552	Manufacture of wine	2	0.1%

File Number_of_employees_by_educational_level_part32

#4 isic: International standard industrial classification (ISIC)

Value	Label	Cases	Percentage
1553	Malt liqores and malt	10	0.7%
1554	Manufacture of soft drinks	14	0.9%
1600	Manufacture of tobacco	2	0.1%
1710	spining , weaving and finishing	40	2.6%
1723	Manufacture of cordage rope and twine	7	0.5%
1730	Kniting mills	26	1.7%
1810	manufacture of wearing apparal except fur	57	3.8%
1910	Tanning and dressing of leather	18	1.2%
1920	manufacture of footwear	148	9.8%
2000	Manufacture wood and wood products	53	3.5%
2100	Manufacture of paper and paper products	10	0.7%
2200	Publishing and printing services	91	6.0%
2411	Manufacture of basic chemicals except fertilzers	4	0.3%
2422	Manufacture of paints varnishes	8	0.5%
2423	Manufacture of phrmaceuticals, medicinial	5	0.3%
2424	Manufacture of soap detregents, perfumes..	51	3.4%
2429	Manufacture of chemical productsNEC	7	0.5%
2510	Manufacture of rubber	8	0.5%
2520	Manufacture of plastics	20	1.3%
2610	Manufacture of glass and glass products	6	0.4%
2693	Manufacture of structural clay products	17	1.1%
2694	Manufacture of cement ,lime and plaster	11	0.7%
2695	Manufacture of articles of concrete, cement	140	9.2%
2699	Manufacture of non-metalic NEC	6	0.4%
2710	Manufacture of basic iron and steel	6	0.4%
2811	Manufacture of structural metal products	90	5.9%
2892	Manufacture of cuttlery hand tools....	0	0.0%
2893	Manufacture of other fabricated metal products	10	0.7%
2899	Manufacture of pumps,compressors, valves and taps	16	1.1%
2912		2	0.1%
2914	Manufacture of ovens	12	0.8%
2919		6	0.4%
2925	Manufacture of other general purpose machnery	17	1.1%
3140	Manufacture of battries	2	0.1%
3420	manufacture of bodies for mothor vechiles	27	1.8%
3430	manufacture of parts and accessaries	7	0.5%
3610	Manufacture of furniture	207	13.7%

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

#5 p32c2: General occupation

Information	[Type= discrete] [Format=numeric] [Range= 1-6] [Missing=*]
Statistics [NW/ W]	[Valid=1515 /-] [Invalid=0 /-]
Definition	This variable is part of section 3.2 (Number of Persons Engaged by Educational Status) of the questionnaire
Literal question	General occupation

File Number_of_employees_by_educational_level_part32

#5 p32c2: General occupation

Value	Label	Cases	Percentage
1	Un-paid working proprietors, active partners & family worker	316	20.9%
2	Un-paid apperentices	30	2.0%
3	Administrative, technical employees, clerical & office worke	544	35.9%
4	Production workers	577	38.1%
5	Paid apperentices	48	3.2%
6	Total	0	0.0%

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

#6 p32c4: Number of illiterate employees

Information	[Type= continuous] [Format=numeric] [Range= 1-358] [Missing=*]
Statistics [NW/ W]	[Valid=176 /-] [Invalid=1339 /-] [Mean=12.642 /-] [StdDev=37.842 /-]
Definition	This variable is part of section 3.2 (Number of Persons Engaged by Educational Status) of the questionnaire
Universe	All employees except seasonal and temporary
Literal question	Number of illiterate employees

#7 p32c5: Number of employees who can read and write

Information	[Type= continuous] [Format=numeric] [Range= 1-2143] [Missing=*]
Statistics [NW/ W]	[Valid=532 /-] [Invalid=983 /-] [Mean=32.461 /-] [StdDev=115.294 /-]
Definition	This variable is part of section 3.2 (Number of Persons Engaged by Educational Status) of the questionnaire
Universe	All employees except seasonal and temporary
Literal question	Number of employees who can read and write

#8 p32c6: Number of employees within Grade 1 to 6

Information	[Type= continuous] [Format=numeric] [Range= 1-1358] [Missing=*]
Statistics [NW/ W]	[Valid=808 /-] [Invalid=707 /-] [Mean=19.314 /-] [StdDev=76.964 /-]
Definition	This variable is part of section 3.2 (Number of Persons Engaged by Educational Status) of the questionnaire
Universe	All employees except seasonal and temporary
Literal question	Number of employees within Grade 1 to 6

#9 p32c7: Number of employees within Grade 7 to 8

Information	[Type= continuous] [Format=numeric] [Range= 1-2417] [Missing=*]
Statistics [NW/ W]	[Valid=736 /-] [Invalid=779 /-] [Mean=15.887 /-] [StdDev=95.375 /-]
Definition	This variable is part of section 3.2 (Number of Persons Engaged by Educational Status) of the questionnaire
Universe	All employees except seasonal and temporary
Literal question	Number of employees within Grade 7 to 8

#10 p32c8: Number of employess within Grade 9 to 12

Information	[Type= continuous] [Format=numeric] [Range= 1-471] [Missing=*]
Statistics [NW/ W]	[Valid=1169 /-] [Invalid=346 /-] [Mean=16.322 /-] [StdDev=38.174 /-]
Definition	This variable is part of section 3.2 (Number of Persons Engaged by Educational Status) of the questionnaire
Universe	All employees except seasonal and temporary
Literal question	Number of employess within Grade 9 to 12

File Number_of_employees_by_educational_level_part32

#11 p32c9: Number of employees having diploma with first year or above

Information	[Type= continuous] [Format=numeric] [Range= 1-190] [Missing=*]
Statistics [NW/ W]	[Valid=289 /-] [Invalid=1226 /-] [Mean=6.042 /-] [StdDev=14.962 /-]
Definition	This variable is part of section 3.2 (Number of Persons Engaged by Educational Status) of the questionnaire
Universe	All employees except seasonal and temporary
Literal question	Number of employees having diploma with first year or above

#12 p32c10: Number of employees having degree with first year or above

Information	[Type= continuous] [Format=numeric] [Range= 1-50] [Missing=*]
Statistics [NW/ W]	[Valid=111 /-] [Invalid=1404 /-] [Mean=2.667 /-] [StdDev=6.293 /-]
Definition	This variable is part of section 3.2 (Number of Persons Engaged by Educational Status) of the questionnaire
Universe	All employees except seasonal and temporary
Literal question	Number of employees having degree with first year or above

#13 p32c11: Number of diploma holder employees

Information	[Type= continuous] [Format=numeric] [Range= 1-143] [Missing=*]
Statistics [NW/ W]	[Valid=396 /-] [Invalid=1119 /-] [Mean=12.167 /-] [StdDev=20.814 /-]
Definition	This variable is part of section 3.2 (Number of Persons Engaged by Educational Status) of the questionnaire
Universe	All employees except seasonal and temporary
Literal question	Number of diploma holder employees

#14 p32c12: Number of degree holder employees

Information	[Type= continuous] [Format=numeric] [Range= 1-341] [Missing=*]
Statistics [NW/ W]	[Valid=288 /-] [Invalid=1227 /-] [Mean=8.625 /-] [StdDev=32.566 /-]
Definition	This variable is part of section 3.2 (Number of Persons Engaged by Educational Status) of the questionnaire
Universe	All employees except seasonal and temporary
Literal question	Number of degree holder employees

File Number_of_employees_by_age_group_part33

#1 eid: Enterprise id

Information	[Type= discrete] [Format=numeric] [Range= 15110002-36102745] [Missing=*]
Statistics [NW/ W]	[Valid=1521 /-] [Invalid=0 /-]
Literal question	Enterprise id
Recoding and Derivation	This variable is derived by combining two variables, i.e. ISIC and establishment. The enterprise id is unique for each questionnaire.

#2 region: Region code

Information	[Type= discrete] [Format=numeric] [Range= 1-15] [Missing=*]
Statistics [NW/ W]	[Valid=1521 /-] [Invalid=0 /-]
Literal question	Region code

Value	Label	Cases	Percentage	
1	TIGRAY	53		3.5%
2	AFAR	4		0.3%
3	AMHARA	97		6.4%

File Number_of_employees_by_age_group_part33

#2 region: Region code

Value	Label	Cases	Percentage
4	OROMIA	163	10.7%
5	SOMALIE	3	0.2%
6	BENSHANGUL	0	0.0%
7	S.N.N.P.R.	88	5.8%
12	GAMBELA	4	0.3%
13	HARARI	17	1.1%
14	ADDIS ABABA	1028	67.6%
15	DIRE DAWA	64	4.2%

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

#3 srefyear: Survey reference year

Information	[Type= discrete] [Format=numeric] [Range= 1988-1988] [Missing=*]
Statistics [NW/ W]	[Valid=1521 /-] [Invalid=0 /-]
Literal question	Survey reference year

Value	Label	Cases	Percentage
1988	1988 (1995/1996)	1521	100.0%

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

#4 isic: International standard industrial classification (ISIC)

Information	[Type= discrete] [Format=numeric] [Range= 1511-3610] [Missing=*]
Statistics [NW/ W]	[Valid=1521 /-] [Invalid=0 /-]
Literal question	International standard industrial classification (ISIC)

Value	Label	Cases	Percentage
1511	Production, processing and preserving of meat, fruit and veg	15	1.0%
1514	manufacture of edible oil	65	4.3%
1520	Manufacture of dairy products	2	0.1%
1531	Manufacture of flour	40	2.6%
1533	Manufacture of animal feed	4	0.3%
1541	manufacture of bakery	185	12.2%
1542	Manufacture of sugar and confecionary	9	0.6%
1544	manufacture of pasta and macaroni	5	0.3%
1549	Manufacture of food NEC	11	0.7%
1551	Distiling rectifying and blending of spirit	17	1.1%
1552	Manufacture of wine	2	0.1%
1553	Malt liqores and malt	10	0.7%
1554	Manufacture of soft drinks	14	0.9%
1600	Manufacture of tobacco	2	0.1%
1710	spining , weaving and finishing	38	2.5%
1723	Manufacture of cordage rope and twine	8	0.5%
1730	Kniting mills	26	1.7%
1810	manufacture of wearing apparal except fur	59	3.9%
1910	Tanning and dressing of leather	16	1.1%
1920	manufacture of footwear	149	9.8%
2000	Manufacture wood and wood products	53	3.5%

File Number_of_employees_by_age_group_part33

#4 isic: International standard industrial classification (ISIC)

Value	Label	Cases	Percentage
2100	Manufacture of paper and paper products	11	0.7%
2200	Publishing and printing services	91	6.0%
2411	Manufacture of basic chemicals except fertilzers	4	0.3%
2422	Manufacture of paints varnishes	8	0.5%
2423	Manufacture of phrmaceuticals, medicinial	5	0.3%
2424	Manufacture of soap detregents, perfumes..	51	3.4%
2429	Manufacture of chemical productsNEC	7	0.5%
2510	Manufacture of rubber	8	0.5%
2520	Manufacture of plastics	23	1.5%
2610	Manufacture of glass and glass products	6	0.4%
2693	Manufacture of structural clay products	17	1.1%
2694	Manufacture of cement ,lime and plaster	11	0.7%
2695	Manufacture of articles of concrete, cement	140	9.2%
2699	Manufacture of non-metalic NEC	6	0.4%
2710	Manufacture of basic iron and steel	6	0.4%
2811	Manufacture of structural metal products	90	5.9%
2892	Manufacture of cuttlery hand tools....	0	0.0%
2893	Manufacture of other fabricated metal products	10	0.7%
2899	Manufacture of pumps,compressors, valves and taps	16	1.1%
2912		2	0.1%
2914	Manufacture of ovens	12	0.8%
2919		6	0.4%
2925	Manufacture of other general purpose machnery	18	1.2%
3140	Manufacture of battries	2	0.1%
3420	manufacture of bodies for mothor vechiles	27	1.8%
3430	manufacture of parts and accessaries	7	0.5%
3610	Manufacture of furniture	207	13.6%

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

#5 p33c2: General occupation

Information	[Type= discrete] [Format=numeric] [Range= 1-6] [Missing=*]
Statistics [NW/ W]	[Valid=1521 /-] [Invalid=0 /-]
Definition	This variable is part of section 3.3 (Number of Persons Engaged by Age Group) of the questionnaire
Literal question	General occupation

Value	Label	Cases	Percentage
1	Un-paid working proprietors, active partners & family worker	316	20.8%
2	Un-paid apperentices	33	2.2%
3	Administrative, technical employees, clerical & office worke	545	35.8%
4	Production workers	573	37.7%
5	Paid apperentices	54	3.6%
6	Total	0	0.0%

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

File Number_of_employees_by_age_group_part33

#6 p33c4: Number of employees under 18 years old

Information	[Type= continuous] [Format=numeric] [Range= 1-10] [Missing=*]
Statistics [NW/ W]	[Valid=84 /-] [Invalid=1437 /-] [Mean=2.19 /-] [StdDev=1.753 /-]
Definition	This variable is part of section 3.3 (Number of Persons Engaged by Age Group) of the questionnaire
Universe	All employees except seasonal and temporary
Literal question	Number of employees under 18 years old

#7 p33c5: Number of employees between 18 to 19 years old

Information	[Type= continuous] [Format=numeric] [Range= 1-50] [Missing=*]
Statistics [NW/ W]	[Valid=203 /-] [Invalid=1318 /-] [Mean=2.872 /-] [StdDev=5.063 /-]
Definition	This variable is part of section 3.3 (Number of Persons Engaged by Age Group) of the questionnaire
Universe	All employees except seasonal and temporary
Literal question	Number of employees between 18 to 19 years old

#8 p33c6: Number of employees between 20 to 29 years old

Information	[Type= continuous] [Format=numeric] [Range= 1-957] [Missing=*]
Statistics [NW/ W]	[Valid=1100 /-] [Invalid=421 /-] [Mean=14.665 /-] [StdDev=53.504 /-]
Definition	This variable is part of section 3.3 (Number of Persons Engaged by Age Group) of the questionnaire
Universe	All employees except seasonal and temporary
Literal question	Number of employees between 20 to 29 years old

#9 p33c7: Number of employees between 30 to 39 years old

Information	[Type= continuous] [Format=numeric] [Range= 1-1900] [Missing=*]
Statistics [NW/ W]	[Valid=945 /-] [Invalid=576 /-] [Mean=29.474 /-] [StdDev=97.916 /-]
Definition	This variable is part of section 3.3 (Number of Persons Engaged by Age Group) of the questionnaire
Universe	All employees except seasonal and temporary
Literal question	Number of employees between 30 to 39 years old

#10 p33c8: Number of employees between 40 to 49 years old

Information	[Type= continuous] [Format=numeric] [Range= 1-1205] [Missing=*]
Statistics [NW/ W]	[Valid=790 /-] [Invalid=731 /-] [Mean=26.543 /-] [StdDev=77.696 /-]
Definition	This variable is part of section 3.3 (Number of Persons Engaged by Age Group) of the questionnaire
Universe	All employees except seasonal and temporary
Literal question	Number of employees between 40 to 49 years old

#11 p33c9: Number of employees between 50 to 55 years old

Information	[Type= continuous] [Format=numeric] [Range= 1-788] [Missing=*]
Statistics [NW/ W]	[Valid=564 /-] [Invalid=957 /-] [Mean=11.963 /-] [StdDev=40.296 /-]
Definition	This variable is part of section 3.3 (Number of Persons Engaged by Age Group) of the questionnaire
Universe	All employees except seasonal and temporary
Literal question	Number of employees between 50 to 55 years old

#12 p33c10: Number of employees 56 and above years old

Information	[Type= continuous] [Format=numeric] [Range= 1-53] [Missing=*]
Statistics [NW/ W]	[Valid=231 /-] [Invalid=1290 /-] [Mean=2.71 /-] [StdDev=5.221 /-]

File Number_of_employees_by_age_group_part33

#12 p33c10: Number of employees 56 and above years old

Definition	This variable is part of section 3.3 (Number of Persons Engaged by Age Group) of the questionnaire
Universe	All employees except seasonal and temporary
Literal question	Number of employees 56 and above years old

File Wages_and_salaries_and_other_employee_benefits_part34

#1 eid: Enterprise id

Information	[Type= discrete] [Format=numeric] [Range= 15110002-36102745] [Missing=*]
Statistics [NW/ W]	[Valid=1230 /-] [Invalid=0 /-]
Literal question	Enterprise id
Recoding and Derivation	This variable is derived by combining two variables, i.e. ISIC and establishment. The enterprise id is unique for each questionnaire.

#2 region: Region code

Information	[Type= discrete] [Format=numeric] [Range= 1-15] [Missing=*]
Statistics [NW/ W]	[Valid=1230 /-] [Invalid=0 /-]
Literal question	Region code

Value	Label	Cases	Percentage
1	TIGRAY	40	3.3%
2	AFAR	4	0.3%
3	AMHARA	78	6.3%
4	OROMIA	146	11.9%
5	SOMALIE	2	0.2%
6	BENSHANGUL	0	0.0%
7	S.N.N.P.R.	69	5.6%
12	GAMBELA	4	0.3%
13	HARARI	14	1.1%
14	ADDIS ABABA	824	67.0%
15	DIRE DAWA	49	4.0%

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

#3 srefyear: Survey reference year

Information	[Type= discrete] [Format=numeric] [Range= 1988-1988] [Missing=*]
Statistics [NW/ W]	[Valid=1230 /-] [Invalid=0 /-]
Literal question	Survey reference year

Value	Label	Cases	Percentage
1988	1988 (1995/1996)	1230	100.0%

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

#4 isic: International standard industrial classification (ISIC)

Information	[Type= discrete] [Format=numeric] [Range= 1511-3610] [Missing=*]
Statistics [NW/ W]	[Valid=1230 /-] [Invalid=0 /-]
Literal question	International standard industrial classification (ISIC)

Value	Label	Cases	Percentage
1511	Production, processing and preserving of meat, fruit and veg	14	1.1%

File Wages_and_salaries_and_other_employee_benefits_paid_part34

#4 isic: International standard industrial classification (ISIC)

Value	Label	Cases	Percentage
1514	manufacture of edible oil	52	4.2%
1520	Manufacture of dairy products	2	0.2%
1531	Manufacture of flour	36	2.9%
1533	Manufacture of animal feed	4	0.3%
1541	manufacture of bakery	134	10.9%
1542	Manufacture of sugar and confecionary	9	0.7%
1544	manufacture of pasta and macaroni	5	0.4%
1549	Manufacture of food NEC	10	0.8%
1551	Distiling rectifying and blending of spirit	14	1.1%
1552	Manufacture of wine	2	0.2%
1553	Malt liqores and malt	10	0.8%
1554	Manufacture of soft drinks	14	1.1%
1600	Manufacture of tobacco	2	0.2%
1710	spining , weaving and finishing	40	3.3%
1723	Manufacture of cordage rope and twine	6	0.5%
1730	Kniting mills	17	1.4%
1810	manufacture of wearing apparal except fur	44	3.6%
1910	Tanning and dressing of leather	16	1.3%
1920	manufacture of footwear	102	8.3%
2000	Manufacture wood and wood products	51	4.1%
2100	Manufacture of paper and paper products	10	0.8%
2200	Publishing and printing services	76	6.2%
2411	Manufacture of basic chemicals except fertilzers	4	0.3%
2422	Manufacture of paints varnishes	10	0.8%
2423	Manufacture of phrmaceuticals, medicinial	4	0.3%
2424	Manufacture of soap detregents, perfumes..	44	3.6%
2429	Manufacture of chemical productsNEC	6	0.5%
2510	Manufacture of rubber	8	0.7%
2520	Manufacture of plastics	22	1.8%
2610	Manufacture of glass and glass products	5	0.4%
2693	Manufacture of structural clay products	14	1.1%
2694	Manufacture of cement ,lime and plaster	11	0.9%
2695	Manufacture of articles of concrete, cement	118	9.6%
2699	Manufacture of non-metalic NEC	6	0.5%
2710	Manufacture of basic iron and steel	7	0.6%
2811	Manufacture of structural metal products	67	5.4%
2892	Manufacture of cuttlery hand tools....	0	0.0%
2893	Manufacture of other fabricated metal products	9	0.7%
2899	Manufacture of pumps,compressors, valves and taps	12	1.0%
2912		2	0.2%
2914	Manufacture of ovens	9	0.7%
2919		3	0.2%
2925	Manufacture of other general purpose machnery	15	1.2%

File Wages_and_salaries_and_other_employee_benefits_paid_part34

#4 isic: International standard industrial classification (ISIC)

Value	Label	Cases	Percentage
3140	Manufacture of battries	2	0.2%
3420	manufacture of bodies for mothor vechiles	22	1.8%
3430	manufacture of parts and accessaries	4	0.3%
3610	Manufacture of furniture	156	12.7%

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

#5 p34c2: General occupation

Information	[Type= discrete] [Format=numeric] [Range= 1-4] [Missing=*]
Statistics [NW/ W]	[Valid=1230 /-] [Invalid=0 /-]
Definition	This variable is part of section 3.4 (Wages and Salaries and Other Employee Benefits Paid) of the questionnaire
Literal question	General occupation

Value	Label	Cases	Percentage
1	Paid apprentices	47	3.8%
2	Administrative, technical employees, clerical and office wor	560	45.5%
3	Production workers	623	50.7%
4	Total	0	0.0%

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

#6 p34c4: Wage for male Ethiopian

Information	[Type= continuous] [Format=numeric] [Range= 180-11357188] [Missing=*]
Statistics [NW/ W]	[Valid=1165 /-] [Invalid=65 /-] [Mean=237854.337 /-] [StdDev=710447.121 /-]
Definition	This variable is part of section 3.4 (Wages and Salaries and Other Employee Benefits Paid) of the questionnaire
Universe	Permanent employees
Literal question	Wage for male Ethiopian

#7 p34c5: Wage for female Ethiopian

Information	[Type= continuous] [Format=numeric] [Range= 120-10074232] [Missing=*]
Statistics [NW/ W]	[Valid=806 /-] [Invalid=424 /-] [Mean=126083.277 /-] [StdDev=479028.577 /-]
Definition	This variable is part of section 3.4 (Wages and Salaries and Other Employee Benefits Paid) of the questionnaire
Universe	Permanent employees
Literal question	Wage for female Ethiopian

#8 p34c6: Wage for foreigners

Information	[Type= continuous] [Format=numeric] [Range= 6000-385362] [Missing=*]
Statistics [NW/ W]	[Valid=8 /-] [Invalid=1222 /-] [Mean=73824.5 /-] [StdDev=129017 /-]
Definition	This variable is part of section 3.4 (Wages and Salaries and Other Employee Benefits Paid) of the questionnaire
Universe	Permanent employees
Literal question	Wage for foreigners

#9 p34c7: Wage total

Information	[Type= continuous] [Format=numeric] [Range= 240-14600336] [Missing=*]
Statistics [NW/ W]	[Valid=1203 /-] [Invalid=27 /-] [Mean=315306.75 /-] [StdDev=973982.029 /-]
Definition	This variable is part of section 3.4 (Wages and Salaries and Other Employee Benefits Paid) of the questionnaire
Universe	Permanent employees

File Wages_and_salaries_and_other_employee_benefits_paid_part34

#9 p34c7: Wage total

Literal question	Wage total

#10 p34c8: Commission, bonuses, proffional and hardship allowances

Information	[Type= continuous] [Format=numeric] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=1230 /-]
Definition	This variable is part of section 3.4 (Wages and Salaries and Other Employee Benefits Paid) of the questionnaire
Literal question	Commission, bonuses, proffional and hardship allowances

#11 p34c9: Actual cost of the establishmnet on food, lodging, medical and other benefits provided to employees free of charge

Information	[Type= continuous] [Format=numeric] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=1230 /-]
Definition	This variable is part of section 3.4 (Wages and Salaries and Other Employee Benefits Paid) of the questionnaire
Universe	Permanent employees
Literal question	Actual cost of the establishmnet on food, lodging, medical and other benefits provided to employees free of charge

#12 p34c10: Establishments contribution on behalf of employees to pension, life and casuality insurance schemes

Information	[Type= continuous] [Format=numeric] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=1230 /-]
Definition	This variable is part of section 3.4 (Wages and Salaries and Other Employee Benefits Paid) of the questionnaire
Universe	Permanent employees
Literal question	Establishments contribution on behalf of employees to pension, life and casuality insurance schemes

#13 p34c11: No of shifts

Information	[Type= continuous] [Format=numeric] [Range= 1-4] [Missing=*]
Statistics [NW/ W]	[Valid=611 /-] [Invalid=619 /-] [Mean=1.378 /-] [StdDev=0.701 /-]
Definition	This variable is part of section 3.4 (Wages and Salaries and Other Employee Benefits Paid) of the questionnaire
Universe	Permanent employees
Literal question	Number of shifts

#14 p34c12: No of hours per day

Information	[Type= continuous] [Format=numeric] [Range= 4-70] [Missing=*]
Statistics [NW/ W]	[Valid=607 /-] [Invalid=623 /-] [Mean=10.619 /-] [StdDev=5.693 /-]
Definition	This variable is part of section 3.4 (Wages and Salaries and Other Employee Benefits Paid) of the questionnaire
Universe	Permanent employees
Literal question	Number of hours per day

#15 p34c13: Months

Information	[Type= continuous] [Format=numeric] [Range= 1-90] [Missing=*]
Statistics [NW/ W]	[Valid=608 /-] [Invalid=622 /-] [Mean=10.012 /-] [StdDev=4.396 /-]
Definition	This variable is part of section 3.4 (Wages and Salaries and Other Employee Benefits Paid) of the questionnaire
Universe	Permanent employees
Literal question	Months

File Wages_and_salaries_and_other_employee_benefits_paid_part34

#16 p34c14: No of workers per shift

Information	[Type= continuous] [Format=numeric] [Range= 1-1573] [Missing=*]
Statistics [NW/ W]	[Valid=602 /-] [Invalid=628 /-] [Mean=55.45 /-] [StdDev=127.564 /-]
Definition	This variable is part of section 3.4 (Wages and Salaries and Other Employee Benefits Paid) of the questionnaire
Universe	Permanent employees
Literal question	Number of workers per shift

File Number_of_permanent_employees_by_basic_ salary_group_part35

#1 eid: Enterprise id

Information	[Type= discrete] [Format=numeric] [Range= 15110002-36102745] [Missing=*]
Statistics [NW/ W]	[Valid=1116 /-] [Invalid=0 /-]
Literal question	Enterprise id
Recoding and Derivation	This variable is derived by combining two variables, i.e. ISIC and establishment. The enterprise id is unique for each questionnaire.

#2 region: Region code

Information	[Type= discrete] [Format=numeric] [Range= 1-15] [Missing=*]
Statistics [NW/ W]	[Valid=1116 /-] [Invalid=0 /-]
Literal question	Region code

Value	Label	Cases	Percentage
1	TIGRAY	32	2.9%
2	AFAR	4	0.4%
3	AMHARA	64	5.7%
4	OROMIA	127	11.4%
5	SOMALIE	1	0.1%
6	BENSHANGUL	0	0.0%
7	S.N.N.P.R.	57	5.1%
12	GAMBELA	4	0.4%
13	HARARI	12	1.1%
14	ADDIS ABABA	773	69.3%
15	DIRE DAWA	42	3.8%

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

#3 srefyear: Survey reference year

Information	[Type= discrete] [Format=numeric] [Range= 1988-1988] [Missing=*]
Statistics [NW/ W]	[Valid=1116 /-] [Invalid=0 /-]
Literal question	Survey reference year

Value	Label	Cases	Percentage
1988	1988 (1995/1996)	1116	100.0%

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

#4 isic: International standard industrial classification (ISIC)

Information	[Type= discrete] [Format=numeric] [Range= 1511-3610] [Missing=*]
Statistics [NW/ W]	[Valid=1116 /-] [Invalid=0 /-]
Literal question	International standard industrial classification (ISIC)

File Number_of_permanent_employees_by_basic_ salary_group_part35

#4 isic: International standard industrial classification (ISIC)

Value	Label	Cases	Percentage
1511	Production, processing and preserving of meat, fruit and veg	14	1.3%
1514	manufacture of edible oil	44	3.9%
1520	Manufacture of dairy products	2	0.2%
1531	Manufacture of flour	36	3.2%
1533	Manufacture of animal feed	4	0.4%
1541	manufacture of bakery	126	11.3%
1542	Manufacture of sugar and confecionary	10	0.9%
1544	manufacture of pasta and macaroni	6	0.5%
1549	Manufacture of food NEC	10	0.9%
1551	Distiling rectifying and blending of spirit	14	1.3%
1552	Manufacture of wine	2	0.2%
1553	Malt liqores and malt	10	0.9%
1554	Manufacture of soft drinks	14	1.3%
1600	Manufacture of tobacco	2	0.2%
1710	spining , weaving and finishing	38	3.4%
1723	Manufacture of cordage rope and twine	6	0.5%
1730	Kniting mills	18	1.6%
1810	manufacture of wearing apparal except fur	44	3.9%
1910	Tanning and dressing of leather	16	1.4%
1920	manufacture of footwear	104	9.3%
2000	Manufacture wood and wood products	45	4.0%
2100	Manufacture of paper and paper products	10	0.9%
2200	Publishing and printing services	75	6.7%
2411	Manufacture of basic chemicals except fertilzers	4	0.4%
2422	Manufacture of paints varnishes	10	0.9%
2423	Manufacture of phrmaceuticals, medicinial	4	0.4%
2424	Manufacture of soap detregents, perfumes..	44	3.9%
2429	Manufacture of chemical productsNEC	6	0.5%
2510	Manufacture of rubber	8	0.7%
2520	Manufacture of plastics	22	2.0%
2610	Manufacture of glass and glass products	4	0.4%
2693	Manufacture of structural clay products	9	0.8%
2694	Manufacture of cement ,lime and plaster	12	1.1%
2695	Manufacture of articles of concrete, cement	94	8.4%
2699	Manufacture of non-metalic NEC	5	0.4%
2710	Manufacture of basic iron and steel	6	0.5%
2811	Manufacture of structural metal products	50	4.5%
2892	Manufacture of cuttlery hand tools....	0	0.0%
2893	Manufacture of other fabricated metal products	7	0.6%
2899	Manufacture of pumps,compressors, valves and taps	10	0.9%
2912		2	0.2%
2914	Manufacture of ovens	7	0.6%
2919		3	0.3%

File Number_of_permanent_employees_by_basic_ salary_group_part35

#4 isic: International standard industrial classification (ISIC)

Value	Label	Cases	Percentage
2925	Manufacture of other general purpose machnery	12	1.1%
3140	Manufacture of battries	2	0.2%
3420	manufacture of bodies for mothor vechiles	18	1.6%
3430	manufacture of parts and accessaries	3	0.3%
3610	Manufacture of furniture	124	11.1%

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

#5 p35c2: Sex

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=1116 /-] [Invalid=0 /-]
Definition	This variable is partof section 3.5 (Number of Permanent Employees by Basic Salary Group) of the questionnaire
Literal question	Sex of the permanent employees

Value	Label	Cases	Percentage
1	Male	606	54.3%
2	Female	510	45.7%
3	Total	0	0.0%

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

#6 p35c4: Number of permanent employees with salary group under 75

Information	[Type= continuous] [Format=numeric] [Range= 1-38] [Missing=*]
Statistics [NW/ W]	[Valid=175 /-] [Invalid=941 /-] [Mean=2.783 /-] [StdDev=3.653 /-]
Definition	This variable is partof section 3.5 (Number of Permanent Employees by Basic Salary Group) of the questionnaire
Universe	Permanent employees
Literal question	Number of permanent employees with salary group under 75

#7 p35c5: Number of permanent employees with salary group between 75 and 105

Information	[Type= continuous] [Format=numeric] [Range= 1-498] [Missing=*]
Statistics [NW/ W]	[Valid=327 /-] [Invalid=789 /-] [Mean=6.966 /-] [StdDev=35.656 /-]
Definition	This variable is partof section 3.5 (Number of Permanent Employees by Basic Salary Group) of the questionnaire
Universe	Permanent employees
Literal question	Number of permanent employees with salary group between 75 and 105

#8 p35c6: Number of permanent employees with salary group between 105 and 150

Information	[Type= continuous] [Format=numeric] [Range= 1-1234] [Missing=*]
Statistics [NW/ W]	[Valid=513 /-] [Invalid=603 /-] [Mean=15.596 /-] [StdDev=72.04 /-]
Definition	This variable is partof section 3.5 (Number of Permanent Employees by Basic Salary Group) of the questionnaire
Universe	Permanent employees
Literal question	Number of permanent employees with salary group between 105 and 150

#9 p35c7: Number of permanent employees with salary group between 150 and 200

Information	[Type= continuous] [Format=numeric] [Range= 1-629] [Missing=*]
Statistics [NW/ W]	[Valid=634 /-] [Invalid=482 /-] [Mean=15.978 /-] [StdDev=50.707 /-]
Definition	This variable is partof section 3.5 (Number of Permanent Employees by Basic Salary Group) of the questionnaire
Universe	Permanent employees

File Number_of_permanent_employees_by_basic_ salary_group_part35

#9 p35c7: Number of permanent employees with salary group between 150 and 200

Literal question	Number of permanent employees with salary group between 150 and 200

#10 p35c8: Number of permanent employees with salary group between 200 and 250

Information	[Type= continuous] [Format=numeric] [Range= 1-1081] [Missing=*]
Statistics [NW/ W]	[Valid=600 /-] [Invalid=516 /-] [Mean=17.908 /-] [StdDev=66.347 /-]
Definition	This variable is partof section 3.5 (Number of Permanent Employees by Basic Salary Group) of the questionnaire
Universe	Permanent employees
Literal question	Number of permanent employees with salary group between 200 and 250

#11 p35c9: Number of permanent employees with salary group between 250 and 300

Information	[Type= continuous] [Format=numeric] [Range= 1-585] [Missing=*]
Statistics [NW/ W]	[Valid=555 /-] [Invalid=561 /-] [Mean=15.231 /-] [StdDev=40.37 /-]
Definition	This variable is partof section 3.5 (Number of Permanent Employees by Basic Salary Group) of the questionnaire
Universe	Permanent employees
Literal question	Number of permanent employees with salary group between 250 and 300

#12 p35c10: Number of permanent employees with salary group between 300 and 400

Information	[Type= continuous] [Format=numeric] [Range= 1-693] [Missing=*]
Statistics [NW/ W]	[Valid=620 /-] [Invalid=496 /-] [Mean=21.227 /-] [StdDev=55.222 /-]
Definition	This variable is partof section 3.5 (Number of Permanent Employees by Basic Salary Group) of the questionnaire
Universe	Permanent employees
Literal question	Number of permanent employees with salary group between 300 and 400

#13 p35c11: Number of permanent employees with salary group between 400 and 500

Information	[Type= continuous] [Format=numeric] [Range= 1-535] [Missing=*]
Statistics [NW/ W]	[Valid=509 /-] [Invalid=607 /-] [Mean=16.978 /-] [StdDev=41.286 /-]
Definition	This variable is partof section 3.5 (Number of Permanent Employees by Basic Salary Group) of the questionnaire
Universe	Permanent employees
Literal question	Number of permanent employees with salary group between 400 and 500

#14 p35c12: Number of permanent employees with salary group between 500 and 700

Information	[Type= continuous] [Format=numeric] [Range= 1-454] [Missing=*]
Statistics [NW/ W]	[Valid=507 /-] [Invalid=609 /-] [Mean=16.897 /-] [StdDev=36.708 /-]
Definition	This variable is partof section 3.5 (Number of Permanent Employees by Basic Salary Group) of the questionnaire
Universe	Permanent employees
Literal question	Number of permanent employees with salary group between 500 and 700

#15 p35c13: Number of permanent employees with salary group between 700 and 1000

Information	[Type= continuous] [Format=numeric] [Range= 1-205] [Missing=*]
Statistics [NW/ W]	[Valid=384 /-] [Invalid=732 /-] [Mean=10.831 /-] [StdDev=21.423 /-]
Definition	This variable is partof section 3.5 (Number of Permanent Employees by Basic Salary Group) of the questionnaire
Universe	Permanent employees
Literal question	Number of permanent employees with salary group between 700 and 1000

File Number_of_permanent_employees_by_basic_ salary_group_part35

#16 p35c14: Number of permanent employees with salary group between 1000 and 1500

Information	[Type= continuous] [Format=numeric] [Range= 1-109] [Missing=*]
Statistics [NW/ W]	[Valid=262 /-] [Invalid=854 /-] [Mean=5.088 /-] [StdDev=9.387 /-]
Definition	This variable is partof section 3.5 (Number of Permanent Employees by Basic Salary Group) of the questionnaire
Universe	Permanent employees
Literal question	Number of permanent employees with salary group between 1000 and 1500

#17 p35c15: Number of permanent employees with salary group between 1500 and 2000

Information	[Type= continuous] [Format=numeric] [Range= 1-29] [Missing=*]
Statistics [NW/ W]	[Valid=99 /-] [Invalid=1017 /-] [Mean=2.323 /-] [StdDev=3.814 /-]
Definition	This variable is partof section 3.5 (Number of Permanent Employees by Basic Salary Group) of the questionnaire
Universe	Permanent employees
Literal question	Number of permanent employees with salary group between 1500 and 2000

#18 p35c16: Number of permanent employees with salary group over 2000

Information	[Type= continuous] [Format=numeric] [Range= 1-11] [Missing=*]
Statistics [NW/ W]	[Valid=48 /-] [Invalid=1068 /-] [Mean=2.021 /-] [StdDev=2.139 /-]
Definition	This variable is partof section 3.5 (Number of Permanent Employees by Basic Salary Group) of the questionnaire
Universe	Permanent employees
Literal question	Number of permanent employees with salary group over 2000

#19 p35c17: Total number of permanent employees

Information	[Type= continuous] [Format=numeric] [Range= 1-2880] [Missing=*]
Statistics [NW/ W]	[Valid=1116 /-] [Invalid=0 /-] [Mean=68.354 /-] [StdDev=201.718 /-]
Definition	This variable is partof section 3.5 (Number of Permanent Employees by Basic Salary Group) of the questionnaire
Universe	Permanent employees
Literal question	Total number of permanent employees

File Products_and_by_products_part41

#1 eid: Enterprise id

Information	[Type= discrete] [Format=numeric] [Range= 15110002-36102745] [Missing=*]
Statistics [NW/ W]	[Valid=2469 /-] [Invalid=0 /-]
Literal question	Enterprise id
Recoding and Derivation	This variable is derived by combining two variables, i.e. ISIC and establishment. The enterprise id is unique for each questionnaire.

#2 region: Region code

Information	[Type= discrete] [Format=numeric] [Range= 1-15] [Missing=*]
Statistics [NW/ W]	[Valid=2469 /-] [Invalid=0 /-]
Literal question	Region code

Value	Label	Cases	Percentage	
1	TIGRAY	71		2.9%
2	AFAR	9		0.4%
3	AMHARA	136		5.5%

File Products_and_by_products_part41

#2 region: Region code

Value	Label	Cases	Percentage
4	OROMIA	290	11.7%
5	SOMALIE	3	0.1%
6	BENSHANGUL	0	0.0%
7	S.N.N.P.R.	216	8.7%
12	GAMBELA	5	0.2%
13	HARARI	33	1.3%
14	ADDIS ABABA	1611	65.2%
15	DIRE DAWA	95	3.8%

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

#3 srefyear: Survey reference year

Information	[Type= discrete] [Format=numeric] [Range= 1988-1988] [Missing=*]
Statistics [NW/ W]	[Valid=2469 /-] [Invalid=0 /-]
Literal question	Survey reference year

Value	Label	Cases	Percentage
1988	1988 (1995/1996)	2469	100.0%

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

#4 isic: International standard industrial classification (ISIC)

Information	[Type= discrete] [Format=numeric] [Range= 1511-3610] [Missing=*]
Statistics [NW/ W]	[Valid=2469 /-] [Invalid=0 /-]
Literal question	International standard industrial classification (ISIC)

Value	Label	Cases	Percentage
1511	Production, processing and preserving of meat, fruit and veg	53	2.1%
1514	manufacture of edible oil	88	3.6%
1520	Manufacture of dairy products	6	0.2%
1531	Manufacture of flour	62	2.5%
1533	Manufacture of animal feed	16	0.6%
1541	manufacture of bakery	169	6.8%
1542	Manufacture of sugar and confecionary	14	0.6%
1544	manufacture of pasta and macaroni	9	0.4%
1549	Manufacture of food NEC	14	0.6%
1551	Distiling rectifying and blending of spirit	26	1.1%
1552	Manufacture of wine	1	0.0%
1553	Malt liqores and malt	14	0.6%
1554	Manufacture of soft drinks	24	1.0%
1600	Manufacture of tobacco	4	0.2%
1710	spining , weaving and finishing	84	3.4%
1723	Manufacture of cordage rope and twine	10	0.4%
1730	Kniting mills	24	1.0%
1810	manufacture of wearing apparal except fur	107	4.3%
1910	Tanning and dressing of leather	36	1.5%
1920	manufacture of footwear	130	5.3%
2000	Manufacture wood and wood products	107	4.3%

File Products_and_by_products_part41

#4 isic: International standard industrial classification (ISIC)

Value	Label	Cases	Percentage
2100	Manufacture of paper and paper products	22	0.9%
2200	Publishing and printing services	122	4.9%
2411	Manufacture of basic chemicals except fertilzers	10	0.4%
2422	Manufacture of paints varnishes	24	1.0%
2423	Manufacture of phrmaceuticals, medicinial	16	0.6%
2424	Manufacture of soap detregents, perfumes..	74	3.0%
2429	Manufacture of chemical productsNEC	4	0.2%
2510	Manufacture of rubber	20	0.8%
2520	Manufacture of plastics	60	2.4%
2610	Manufacture of glass and glass products	17	0.7%
2693	Manufacture of structural clay products	18	0.7%
2694	Manufacture of cement ,lime and plaster	10	0.4%
2695	Manufacture of articles of concrete, cement	237	9.6%
2699	Manufacture of non-metalic NEC	8	0.3%
2710	Manufacture of basic iron and steel	22	0.9%
2811	Manufacture of structural metal products	127	5.1%
2892	Manufacture of cuttlery hand tools....	0	0.0%
2893	Manufacture of other fabricated metal products	23	0.9%
2899	Manufacture of pumps,compressors, valves and taps	21	0.9%
2912		8	0.3%
2914	Manufacture of ovens	13	0.5%
2919		3	0.1%
2925	Manufacture of other general purpose machnery	18	0.7%
3140	Manufacture of battries	2	0.1%
3420	manufacture of bodies for mothor vechiles	36	1.5%
3430	manufacture of parts and accessaries	3	0.1%
3610	Manufacture of furniture	553	22.4%

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

#5 p41c2: Serial number for list of principal products

Information	[Type= discrete] [Format=numeric] [Range= 1-10] [Missing=*]
Statistics [NW/ W]	[Valid=2469 /-] [Invalid=0 /-]
Definition	This variable is part of section 4.1 (Products and By-products) of the questionnaire
Literal question	Serial number for list of principal products

Value	Label	Cases	Percentage
1	1	618	25.0%
2	2	491	19.9%
3	3	368	14.9%
4	4	276	11.2%
5	5	202	8.2%
6	6	147	6.0%
7	7	111	4.5%
8	8	82	3.3%

File Products_and_by_products_part41

#5 p41c2: Serial number for list of principal products

Value	Label	Cases	Percentage
9	9	174	7.0%
10	10	0	0.0%

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

#6 p41c5: Product code

Information	[Type= discrete] [Format=numeric] [Range= 1-9999] [Missing=*]
Statistics [NW/ W]	[Valid=2469 /-] [Invalid=0 /-]
Definition	This variable is part of section 4.1 (Products and By-products) of the questionnaire
Literal question	Product code

Frequency table not shown (116 Modalities)

#7 p41c6: Unit measurement code

Information	[Type= discrete] [Format=numeric] [Range= 2-90] [Missing=*]
Statistics [NW/ W]	[Valid=1111 /-] [Invalid=1358 /-]
Definition	This variable is part of section 4.1 (Products and By-products) of the questionnaire
Literal question	Unit measurement code

Frequency table not shown (59 Modalities)

#8 p41c7: Average sales per unit

Information	[Type= continuous] [Format=numeric] [Range= 1-368784] [Missing=*]
Statistics [NW/ W]	[Valid=2038 /-] [Invalid=431 /-] [Mean=1904.145 /-] [StdDev=15050.564 /-]
Definition	This variable is part of section 4.1 (Products and By-products) of the questionnaire
Literal question	Average sales per unit

#9 p41c8: Quantity produced

Information	[Type= continuous] [Format=numeric] [Range= 1-218556370] [Missing=*]
Statistics [NW/ W]	[Valid=2168 /-] [Invalid=301 /-] [Mean=480886.585 /-] [StdDev=6283883.87 /-]
Definition	This variable is part of section 4.1 (Products and By-products) of the questionnaire
Literal question	Quantity produced

#10 p41c9: Value of production

Information	[Type= continuous] [Format=numeric] [Range= 8-345585186] [Missing=*]
Statistics [NW/ W]	[Valid=2409 /-] [Invalid=60 /-] [Mean=2237512.578 /-] [StdDev=13232827.045 /-]
Definition	This variable is part of section 4.1 (Products and By-products) of the questionnaire
Literal question	Value of production

#11 p41c10: Total sales quantity

Information	[Type= continuous] [Format=numeric] [Range= 1-490260000] [Missing=*]
Statistics [NW/ W]	[Valid=2177 /-] [Invalid=292 /-] [Mean=746543.07 /-] [StdDev=12350921.124 /-]
Definition	This variable is part of section 4.1 (Products and By-products) of the questionnaire
Literal question	Total sales quantity

#12 p41c11: Total sales value

Information	[Type= continuous] [Format=numeric] [Range= 8-419602368] [Missing=*]

File Products_and_by_products_part41

#12 p41c11: Total sales value

Statistics [NW/ W]	[Valid=2454 /-] [Invalid=15 /-] [Mean=2225340.266 /-] [StdDev=13556028.102 /-]
Definition	This variable is part of section 4.1 (Products and By-products) of the questionnaire
Literal question	Total sales value

#13 p41c12: Exported sales quantity

Information	[Type= continuous] [Format=numeric] [Range= 5-45057000] [Missing=*]
Statistics [NW/ W]	[Valid=54 /-] [Invalid=2415 /-] [Mean=1298767.889 /-] [StdDev=6098202.524 /-]
Definition	This variable is part of section 4.1 (Products and By-products) of the questionnaire
Literal question	Exported sales quantity

#14 p41c13: Exported sales value

Information	[Type= continuous] [Format=numeric] [Range= 900-62011557] [Missing=*]
Statistics [NW/ W]	[Valid=61 /-] [Invalid=2408 /-] [Mean=6575676.574 /-] [StdDev=11705859.646 /-]
Definition	This variable is part of section 4.1 (Products and By-products) of the questionnaire
Literal question	Exported sales value

File Value_of_stocks_part5

#1 eid: Enterprise id

Information	[Type= discrete] [Format=numeric] [Range= 15110002-36102745] [Missing=*]
Statistics [NW/ W]	[Valid=1148 /-] [Invalid=0 /-]
Literal question	Enterprise id
Recoding and Derivation	This variable is derived by combining two variables, i.e. ISIC and establishment. The enterprise id is unique for each questionnaire.

#2 region: Region code

Information	[Type= discrete] [Format=numeric] [Range= 1-15] [Missing=*]
Statistics [NW/ W]	[Valid=1148 /-] [Invalid=0 /-]
Literal question	Region code

Value	Label	Cases	Percentage
1	TIGRAY	44	3.8%
2	AFAR	5	0.4%
3	AMHARA	57	5.0%
4	OROMIA	135	11.8%
5	SOMALIE	2	0.2%
6	BENSHANGUL	0	0.0%
7	S.N.N.P.R.	76	6.6%
12	GAMBELA	3	0.3%
13	HARARI	15	1.3%
14	ADDIS ABABA	764	66.6%
15	DIRE DAWA	47	4.1%

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

#3 srefyear: Survey reference year

Information	[Type= discrete] [Format=numeric] [Range= 1988-1988] [Missing=*]
Statistics [NW/ W]	[Valid=1148 /-] [Invalid=0 /-]

File Value_of_stocks_part5

#3 srefyear: Survey reference year

Literal question	Survey reference year

Value	Label	Cases	Percentage
1988	1988 (1995/1996)	1148	100.0%

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

#4 isic: International standard industrial classification (ISIC)

Information	[Type= discrete] [Format=numeric] [Range= 1511-3610] [Missing=*]
Statistics [NW/ W]	[Valid=1148 /-] [Invalid=0 /-]
Literal question	International standard industrial classification (ISIC)

Value	Label	Cases	Percentage
1511	Production, processing and preserving of meat, fruit and veg	17	1.5%
1514	manufacture of edible oil	42	3.7%
1520	Manufacture of dairy products	2	0.2%
1531	Manufacture of flour	35	3.0%
1533	Manufacture of animal feed	4	0.3%
1541	manufacture of bakery	92	8.0%
1542	Manufacture of sugar and confecionary	10	0.9%
1544	manufacture of pasta and macaroni	4	0.3%
1549	Manufacture of food NEC	9	0.8%
1551	Distiling rectifying and blending of spirit	14	1.2%
1552	Manufacture of wine	2	0.2%
1553	Malt liqores and malt	15	1.3%
1554	Manufacture of soft drinks	14	1.2%
1600	Manufacture of tobacco	3	0.3%
1710	spining , weaving and finishing	50	4.4%
1723	Manufacture of cordage rope and twine	9	0.8%
1730	Kniting mills	19	1.7%
1810	manufacture of wearing apparal except fur	49	4.3%
1910	Tanning and dressing of leather	21	1.8%
1920	manufacture of footwear	122	10.6%
2000	Manufacture wood and wood products	47	4.1%
2100	Manufacture of paper and paper products	10	0.9%
2200	Publishing and printing services	57	5.0%
2411	Manufacture of basic chemicals except fertilzers	5	0.4%
2422	Manufacture of paints varnishes	11	1.0%
2423	Manufacture of phrmaceuticals, medicinial	6	0.5%
2424	Manufacture of soap detregents, perfumes..	30	2.6%
2429	Manufacture of chemical productsNEC	4	0.3%
2510	Manufacture of rubber	9	0.8%
2520	Manufacture of plastics	25	2.2%
2610	Manufacture of glass and glass products	6	0.5%
2693	Manufacture of structural clay products	8	0.7%
2694	Manufacture of cement ,lime and plaster	14	1.2%
2695	Manufacture of articles of concrete, cement	102	8.9%

File Value_of_stocks_part5

#4 isic: International standard industrial classification (ISIC)

Value	Label	Cases	Percentage
2699	Manufacture of non-metalic NEC	7	0.6%
2710	Manufacture of basic iron and steel	9	0.8%
2811	Manufacture of structural metal products	49	4.3%
2892	Manufacture of cuttlery hand tools....	0	0.0%
2893	Manufacture of other fabricated metal products	10	0.9%
2899	Manufacture of pumps,compressors, valves and taps	13	1.1%
2912		3	0.3%
2914	Manufacture of ovens	9	0.8%
2919		6	0.5%
2925	Manufacture of other general purpose machnery	8	0.7%
3140	Manufacture of battries	3	0.3%
3420	manufacture of bodies for mothor vechiles	12	1.0%
3430	manufacture of parts and accessaries	1	0.1%
3610	Manufacture of furniture	151	13.2%

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

#5 p5c2: Type of stocks

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=1147 /-] [Invalid=1 /-]
Definition	This variable is part of section 5 (Type of Stocks) of the questionnaire
Literal question	Type of stocks

Value	Label	Cases	Percentage
1	Finished goods	413	36.0%
2	Semi-finished goods	249	21.7%
3	Raw materials	485	42.3%
Sysmiss		1	

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

#6 p5c4: Stocks at the begining of the year

Information	[Type= continuous] [Format=numeric] [Range= 10-127824562] [Missing=*]
Statistics [NW/ W]	[Valid=1029 /-] [Invalid=119 /-] [Mean=2229177.835 /-] [StdDev=8202418.552 /-]
Definition	This variable is part of section 5 (Type of Stocks) of the questionnaire
Literal question	Stocks value at the begining of the year

#7 p5c5: Stocks at the end of the year

Information	[Type= continuous] [Format=numeric] [Range= 20-172590293] [Missing=*]
Statistics [NW/ W]	[Valid=1123 /-] [Invalid=25 /-] [Mean=2303163.761 /-] [StdDev=8744142.112 /-]
Definition	This variable is part of section 5 (Type of Stocks) of the questionnaire
Literal question	Stocks value at the end of the year

#8 p5c6: Stocks differenece (end - begining)

Information	[Type= continuous] [Format=numeric] [Range= -61086000-44765731] [Missing=*]
Statistics [NW/ W]	[Valid=1064 /-] [Invalid=84 /-] [Mean=275027.173 /-] [StdDev=3637122.864 /-]
Definition	This variable is part of section 5 (Type of Stocks) of the questionnaire

File Value_of_stocks_part5

#8 p5c6: Stocks differenece (end - begining)

Literal question	Stocks value differenece (end - begining)

File Cost_and_quantity_of_raw_materials_part61

#1 eid: Enterprise id

Information	[Type= discrete] [Format=numeric] [Range= 15110002-36102745] [Missing=*]
Statistics [NW/ W]	[Valid=3413 /-] [Invalid=0 /-]
Literal question	Enterprise id
Recoding and Derivation	This variable is derived by combining two variables, i.e. ISIC and establishment. The enterprise id is unique for each questionnaire.

#2 region: Region code

Information	[Type= discrete] [Format=numeric] [Range= 1-15] [Missing=*]
Statistics [NW/ W]	[Valid=3413 /-] [Invalid=0 /-]
Literal question	Region code

Value	Label	Cases	Percentage
1	TIGRAY	93	2.7%
2	AFAR	14	0.4%
3	AMHARA	212	6.2%
4	OROMIA	378	11.1%
5	SOMALIE	4	0.1%
6	BENSHANGUL	0	0.0%
7	S.N.N.P.R.	229	6.7%
12	GAMBELA	7	0.2%
13	HARARI	32	0.9%
14	ADDIS ABABA	2325	68.1%
15	DIRE DAWA	119	3.5%

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

#3 srefyear: Survey reference year

Information	[Type= discrete] [Format=numeric] [Range= 1988-1988] [Missing=*]
Statistics [NW/ W]	[Valid=3413 /-] [Invalid=0 /-]
Literal question	Survey reference year

Value	Label	Cases	Percentage
1988	1988 (1995/1996)	3413	100.0%

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

#4 isic: International standard industrial classification (ISIC)

Information	[Type= discrete] [Format=numeric] [Range= 1511-3610] [Missing=*]
Statistics [NW/ W]	[Valid=3413 /-] [Invalid=0 /-]
Literal question	International standard industrial classification (ISIC)

Value	Label	Cases	Percentage
1511	Production, processing and preserving of meat, fruit and veg	52	1.5%
1514	manufacture of edible oil	104	3.0%
1520	Manufacture of dairy products	4	0.1%

File Cost_and_quantity_of_raw_materials_part61

#4 isic: International standard industrial classification (ISIC)

Value	Label	Cases	Percentage
1531	Manufacture of flour	48	1.4%
1533	Manufacture of animal feed	15	0.4%
1541	manufacture of bakery	428	12.5%
1542	Manufacture of sugar and confecionary	32	0.9%
1544	manufacture of pasta and macaroni	6	0.2%
1549	Manufacture of food NEC	22	0.6%
1551	Distiling rectifying and blending of spirit	38	1.1%
1552	Manufacture of wine	9	0.3%
1553	Malt liqores and malt	39	1.1%
1554	Manufacture of soft drinks	41	1.2%
1600	Manufacture of tobacco	9	0.3%
1710	spining , weaving and finishing	116	3.4%
1723	Manufacture of cordage rope and twine	18	0.5%
1730	Knitting mills	33	1.0%
1810	manufacture of wearing apparal except fur	123	3.6%
1910	Tanning and dressing of leather	42	1.2%
1920	manufacture of footwear	329	9.6%
2000	Manufacture wood and wood products	94	2.8%
2100	Manufacture of paper and paper products	23	0.7%
2200	Publishing and printing services	190	5.6%
2411	Manufacture of basic chemicals except fertilzers	15	0.4%
2422	Manufacture of paints varnishes	30	0.9%
2423	Manufacture of phrmaceuticals, medicinial	10	0.3%
2424	Manufacture of soap detregents, perfumes..	124	3.6%
2429	Manufacture of chemical productsNEC	9	0.3%
2510	Manufacture of rubber	27	0.8%
2520	Manufacture of plastics	48	1.4%
2610	Manufacture of glass and glass products	11	0.3%
2693	Manufacture of structural clay products	13	0.4%
2694	Manufacture of cement ,lime and plaster	31	0.9%
2695	Manufacture of articles of concrete, cement	270	7.9%
2699	Manufacture of non-metalic NEC	12	0.4%
2710	Manufacture of basic iron and steel	20	0.6%
2811	Manufacture of structural metal products	185	5.4%
2892	Manufacture of cuttlery hand tools....	0	0.0%
2893	Manufacture of other fabricated metal products	29	0.8%
2899	Manufacture of pumps,compressors, valves and taps	41	1.2%
2912		7	0.2%
2914	Manufacture of ovens	36	1.1%
2919		12	0.4%
2925	Manufacture of other general purpose machnery	41	1.2%
3140	Manufacture of battries	7	0.2%
3420	manufacture of bodies for mothor vechiles	53	1.6%

File Cost_and_quantity_of_raw_materials_part61

#4 isic: International standard industrial classification (ISIC)

Value	Label	Cases	Percentage
3430	manufacture of parts and accessaries	7	0.2%
3610	Manufacture of furniture	560	16.4%

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

#5 p61c2: Serial number for list of principal raw materials

Information	[Type= discrete] [Format=numeric] [Range= 1-10] [Missing=*]
Statistics [NW/ W]	[Valid=3413 /-] [Invalid=0 /-]
Definition	This variable is part of section 6.1 (Cost and Quanity of Raw Materials) of the questionnaire
Literal question	Serial number for list of principal raw materials

Value	Label	Cases	Percentage
1	1	612	17.9%
2	2	545	16.0%
3	3	490	14.4%
4	4	407	11.9%
5	5	346	10.1%
6	6	247	7.2%
7	7	174	5.1%
8	8	185	5.4%
9	9	407	11.9%
10	10	0	0.0%

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

#6 p61c5: Raw material code

Information	[Type= discrete] [Format=numeric] [Range= 6-9999] [Missing=*]
Statistics [NW/ W]	[Valid=3413 /-] [Invalid=0 /-]
Definition	This variable is part of section 6.1 (Cost and Quanity of Raw Materials) of the questionnaire
Literal question	Raw material code

Frequency table not shown (98 Modalities)

#7 p61c6: Unit of measuremnet code for raw material

Information	[Type= discrete] [Format=numeric] [Range= 2-90] [Missing=*]
Statistics [NW/ W]	[Valid=1316 /-] [Invalid=2097 /-]
Definition	This variable is part of section 6.1 (Cost and Quanity of Raw Materials) of the questionnaire
Literal question	Unit of measuremnet code for raw material

Frequency table not shown (57 Modalities)

#8 p61c7: Local raw materials quantity

Information	[Type= continuous] [Format=numeric] [Range= 1-9356324] [Missing=*]
Statistics [NW/ W]	[Valid=1778 /-] [Invalid=1635 /-] [Mean=72721.23 /-] [StdDev=471938.502 /-]
Definition	This variable is part of section 6.1 (Cost and Quanity of Raw Materials) of the questionnaire
Literal question	Local raw materials quantity

#9 p61c8: Local raw materials value

Information	[Type= continuous] [Format=numeric] [Range= 10-62396514] [Missing=*]

File Cost_and_quantity_of_raw_materials_part61

#9 p61c8: Local raw materials value

Statistics [NW/ W]	[Valid=2312 /-] [Invalid=1101 /-] [Mean=623244.788 /-] [StdDev=3238319.168 /-]
Definition	This variable is part of section 6.1 (Cost and Quanity of Raw Materials) of the questionnaire
Literal question	Local raw materials value

#10 p61c9: Imported raw materials quantity

Information	[Type= continuous] [Format=numeric] [Range= 1-6845239] [Missing=*]
Statistics [NW/ W]	[Valid=992 /-] [Invalid=2421 /-] [Mean=104955.771 /-] [StdDev=529640.067 /-]
Definition	This variable is part of section 6.1 (Cost and Quanity of Raw Materials) of the questionnaire
Literal question	Imported raw materials quantity

#11 p61c10: Imported raw materials value

Information	[Type= continuous] [Format=numeric] [Range= 20-133781001] [Missing=*]
Statistics [NW/ W]	[Valid=1309 /-] [Invalid=2104 /-] [Mean=1028567.617 /-] [StdDev=6014362.424 /-]
Definition	This variable is part of section 6.1 (Cost and Quanity of Raw Materials) of the questionnaire
Literal question	Imported raw materials value

#12 p61c11: Quantity of total raw materials

Information	[Type= continuous] [Format=numeric] [Range= 1-9356324] [Missing=*]
Statistics [NW/ W]	[Valid=2712 /-] [Invalid=701 /-] [Mean=83047.964 /-] [StdDev=492877.137 /-]
Definition	This variable is part of section 6.1 (Cost and Quanity of Raw Materials) of the questionnaire
Literal question	Quantity of total raw materials

#13 p61c12: Value of total raw materials

Information	[Type= continuous] [Format=numeric] [Range= 10-133781001] [Missing=*]
Statistics [NW/ W]	[Valid=3412 /-] [Invalid=1 /-] [Mean=816921.735 /-] [StdDev=4627748.056 /-]
Definition	This variable is part of section 6.1 (Cost and Quanity of Raw Materials) of the questionnaire
Literal question	Value of total raw materials

File Other_industrial_costs_part62

#1 eid: Enterprise id

Information	[Type= discrete] [Format=numeric] [Range= 15110002-36102745] [Missing=*]
Statistics [NW/ W]	[Valid=637 /-] [Invalid=0 /-]
Literal question	Enterprise id
Recoding and Derivation	This variable is derived by combining two variables, i.e. ISIC and establishment. The enterprise id is unique for each questionnaire.

#2 region: Region code

Information	[Type= discrete] [Format=numeric] [Range= 1-15] [Missing=*]
Statistics [NW/ W]	[Valid=637 /-] [Invalid=0 /-]
Literal question	Region code

Value	Label	Cases	Percentage	
1	TIGRAY	24		3.8%
2	AFAR	3		0.5%
3	AMHARA	83		13.0%

File Other_industrial_costs_part62

#2 region: Region code

Value	Label	Cases	Percentage
4	OROMIA	121	19.0%
5	SOMALIE	1	0.2%
6	BENSHANGUL	0	0.0%
7	S.N.N.P.R.	57	8.9%
12	GAMBELA	4	0.6%
13	HARARI	9	1.4%
14	ADDIS ABABA	313	49.1%
15	DIRE DAWA	22	3.5%

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

#3 srefyear: Survey reference year

Information	[Type= discrete] [Format=numeric] [Range= 1988-1988] [Missing=*]
Statistics [NW/ W]	[Valid=637 /-] [Invalid=0 /-]
Literal question	Survey reference year

Value	Label	Cases	Percentage
1988	1988 (1995/1996)	637	100.0%

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

#4 isic: International standard industrial classification (ISIC)

Information	[Type= discrete] [Format=numeric] [Range= 1511-3610] [Missing=*]
Statistics [NW/ W]	[Valid=637 /-] [Invalid=0 /-]
Literal question	International standard industrial classification (ISIC)

Value	Label	Cases	Percentage
1511	Production, processing and preserving of meat, fruit and veg	17	2.7%
1514	manufacture of edible oil	34	5.3%
1520	Manufacture of dairy products	1	0.2%
1531	Manufacture of flour	17	2.7%
1533	Manufacture of animal feed	3	0.5%
1541	manufacture of bakery	41	6.4%
1542	Manufacture of sugar and confecionary	8	1.3%
1544	manufacture of pasta and macaroni	4	0.6%
1549	Manufacture of food NEC	3	0.5%
1551	Distiling rectifying and blending of spirit	6	0.9%
1552	Manufacture of wine	2	0.3%
1553	Malt liqores and malt	15	2.4%
1554	Manufacture of soft drinks	12	1.9%
1600	Manufacture of tobacco	2	0.3%
1710	spining , weaving and finishing	43	6.8%
1723	Manufacture of cordage rope and twine	4	0.6%
1730	Kniting mills	7	1.1%
1810	manufacture of wearing apparal except fur	13	2.0%
1910	Tanning and dressing of leather	9	1.4%
1920	manufacture of footwear	35	5.5%
2000	Manufacture wood and wood products	30	4.7%

File Other_industrial_costs_part62

#4 isic: International standard industrial classification (ISIC)

Value	Label	Cases	Percentage
2100	Manufacture of paper and paper products	4	0.6%
2200	Publishing and printing services	37	5.8%
2411	Manufacture of basic chemicals except fertilzers	6	0.9%
2422	Manufacture of paints varnishes	4	0.6%
2423	Manufacture of phrmaceuticals, medicinial	2	0.3%
2424	Manufacture of soap detregents, perfumes..	8	1.3%
2429	Manufacture of chemical productsNEC	2	0.3%
2510	Manufacture of rubber	1	0.2%
2520	Manufacture of plastics	8	1.3%
2610	Manufacture of glass and glass products	5	0.8%
2693	Manufacture of structural clay products	9	1.4%
2694	Manufacture of cement ,lime and plaster	14	2.2%
2695	Manufacture of articles of concrete, cement	77	12.1%
2699	Manufacture of non-metalic NEC	6	0.9%
2710	Manufacture of basic iron and steel	1	0.2%
2811	Manufacture of structural metal products	17	2.7%
2892	Manufacture of cuttlery hand tools....	0	0.0%
2893	Manufacture of other fabricated metal products	5	0.8%
2899	Manufacture of pumps,compressors, valves and taps	2	0.3%
2914	Manufacture of ovens	2	0.3%
2925	Manufacture of other general purpose machnery	9	1.4%
3140	Manufacture of battries	0	0.0%
3420	manufacture of bodies for mothor vechiles	12	1.9%
3430	manufacture of parts and accessaries	1	0.2%
3610	Manufacture of furniture	99	15.5%

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

#5 p62c2: Serial number for list of other industrial costs

Information	[Type= discrete] [Format=numeric] [Range= 1-7] [Missing=*]
Statistics [NW/ W]	[Valid=637 /-] [Invalid=0 /-]
Definition	This variable is part of section 6.2 (Other Industrial Costs) of the questionnaire
Literal question	Serial number for list of other industrial costs

Value	Label	Cases	Percentage
1	1	55	8.6%
2	2	95	14.9%
3	3	305	47.9%
4	4	139	21.8%
5	5	30	4.7%
6	6	13	2.0%
7	7	0	0.0%

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

#6 p62c5: Unit measurment

Information	[Type= discrete] [Format=numeric] [Range= 2-65] [Missing=*]

File Other_industrial_costs_part62

#6 p62c5: Unit measurment

Statistics [NW/ W]	[Valid=104 /-] [Invalid=533 /-]
Definition	This variable is part of section 6.2 (Other Industrial Costs) of the questionnaire
Literal question	Unit measurment

Value	Label	Cases	Percentage
2		25	24.0%
5		4	3.8%
11		2	1.9%
65		73	70.2%
Sysmiss		533	

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

#7 p62c6: Quantity of other inputs

Information	[Type= continuous] [Format=numeric] [Range= 1-56905060] [Missing=*]
Statistics [NW/ W]	[Valid=524 /-] [Invalid=113 /-] [Mean=168446 /-] [StdDev=2501982.772 /-]
Definition	This variable is part of section 6.2 (Other Industrial Costs) of the questionnaire
Literal question	Quantity of other inputs

#8 p62c7: Value of fuel and lubricating oil

Information	[Type= continuous] [Format=numeric] [Range= 4-54878811] [Missing=*]
Statistics [NW/ W]	[Valid=636 /-] [Invalid=1 /-] [Mean=176275.341 /-] [StdDev=2202335.489 /-]
Definition	This variable is part of section 6.2 (Other Industrial Costs) of the questionnaire
Literal question	Value of fuel and lubricating oil

File Type_and_value_of_fixed_assets_part71a

#1 eid: Enterprise id

Information	[Type= discrete] [Format=numeric] [Range= 15110002-36102745] [Missing=*]
Statistics [NW/ W]	[Valid=2082 /-] [Invalid=0 /-]
Literal question	Enterprise id
Recoding and Derivation	This variable is derived by combining two variables, i.e. ISIC and establishment. The enterprise id is unique for each questionnaire.

#2 region: Region code

Information	[Type= discrete] [Format=numeric] [Range= 1-15] [Missing=*]
Statistics [NW/ W]	[Valid=2082 /-] [Invalid=0 /-]
Literal question	Region code

Value	Label	Cases	Percentage
1	TIGRAY	69	3.3%
2	AFAR	6	0.3%
3	AMHARA	130	6.2%
4	OROMIA	252	12.1%
5	SOMALIE	3	0.1%
6	BENSHANGUL	0	0.0%
7	S.N.N.P.R.	127	6.1%
12	GAMBELA	3	0.1%

File Type_and_value_of_fixed_assets_part71a

#2 region: Region code

Value	Label	Cases	Percentage
13	HARARI	27	1.3%
14	ADDIS ABABA	1379	66.2%
15	DIRE DAWA	86	4.1%

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

#3 zone: Zone code

Information	[Type= discrete] [Format=numeric] [Range= 1-71] [Missing=*]
Statistics [NW/ W]	[Valid=2067 /-] [Invalid=15 /-]
Literal question	Zone code

#4 wereda: Wereda code

Information	[Type= discrete] [Format=numeric] [Range= 1-69] [Missing=*]
Statistics [NW/ W]	[Valid=1467 /-] [Invalid=615 /-]
Literal question	Wereda code

#5 town: Town code

Information	[Type= discrete] [Format=numeric] [Range= 1-106] [Missing=*]
Statistics [NW/ W]	[Valid=2082 /-] [Invalid=0 /-]
Literal question	Town code

Frequency table not shown (105 Modalities)

#6 kefetgna: Kefetegna number

Information	[Type= discrete] [Format=numeric] [Range= 1-28] [Missing=*]
Statistics [NW/ W]	[Valid=1855 /-] [Invalid=227 /-]
Literal question	Kefetegna number

#7 kebele: Kebele number

Information	[Type= discrete] [Format=numeric] [Range= 1-88] [Missing=*]
Statistics [NW/ W]	[Valid=1972 /-] [Invalid=110 /-]
Literal question	Kebele number

#8 houseno: House number

Information	[Type= discrete] [Format=numeric] [Range= 1-8941] [Missing=*]
Statistics [NW/ W]	[Valid=1282 /-] [Invalid=800 /-]
Literal question	House number

#9 srefyear: Survey reference year

Information	[Type= discrete] [Format=numeric] [Range= 1988-1988] [Missing=*]
Statistics [NW/ W]	[Valid=2082 /-] [Invalid=0 /-]
Literal question	Survey reference year

Value	Label	Cases	Percentage
1988	1988 (1995/1996)	2082	100.0%

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

#10 isic: International standard industrial classification (ISIC)

Information	[Type= discrete] [Format=numeric] [Range= 1511-3610] [Missing=*]

File Type_and_value_of_fixed_assets_part71a

#10 isic: International standard industrial classification (ISIC)

Statistics [NW/ W]	[Valid=2082 /-] [Invalid=0 /-]
Literal question	International standard industrial classification (ISIC)

Value	Label	Cases	Percentage
1511	Production, processing and preserving of meat, fruit and veg	32	1.5%
1514	manufacture of edible oil	101	4.9%
1520	Manufacture of dairy products	5	0.2%
1531	Manufacture of flour	78	3.7%
1533	Manufacture of animal feed	9	0.4%
1541	manufacture of bakery	190	9.1%
1542	Manufacture of sugar and confecionary	17	0.8%
1544	manufacture of pasta and macaroni	15	0.7%
1549	Manufacture of food NEC	19	0.9%
1551	Distiling rectifying and blending of spirit	25	1.2%
1552	Manufacture of wine	4	0.2%
1553	Malt liqores and malt	27	1.3%
1554	Manufacture of soft drinks	30	1.4%
1600	Manufacture of tobacco	4	0.2%
1710	spining , weaving and finishing	77	3.7%
1723	Manufacture of cordage rope and twine	16	0.8%
1730	Kniting mills	24	1.2%
1810	manufacture of wearing apparal except fur	65	3.1%
1910	Tanning and dressing of leather	35	1.7%
1920	manufacture of footwear	168	8.1%
2000	Manufacture wood and wood products	74	3.6%
2100	Manufacture of paper and paper products	20	1.0%
2200	Publishing and printing services	121	5.8%
2411	Manufacture of basic chemicals except fertilzers	10	0.5%
2422	Manufacture of paints varnishes	20	1.0%
2423	Manufacture of phrmaceuticals, medicinial	8	0.4%
2424	Manufacture of soap detregents, perfumes..	76	3.7%
2429	Manufacture of chemical productsNEC	11	0.5%
2510	Manufacture of rubber	16	0.8%
2520	Manufacture of plastics	45	2.2%
2610	Manufacture of glass and glass products	8	0.4%
2693	Manufacture of structural clay products	24	1.2%
2694	Manufacture of cement ,lime and plaster	22	1.1%
2695	Manufacture of articles of concrete, cement	217	10.4%
2699	Manufacture of non-metalic NEC	11	0.5%
2710	Manufacture of basic iron and steel	14	0.7%
2811	Manufacture of structural metal products	96	4.6%
2892	Manufacture of cuttlery hand tools....	0	0.0%
2893	Manufacture of other fabricated metal products	16	0.8%
2899	Manufacture of pumps,compressors, valves and taps	24	1.2%
2912		4	0.2%

File Type_and_value_of_fixed_assets_part71a

#10 isic: International standard industrial classification (ISIC)

Value	Label	Cases	Percentage
2914	Manufacture of ovens	12	0.6%
2919		5	0.2%
2925	Manufacture of other general purpose machnery	14	0.7%
3140	Manufacture of battries	4	0.2%
3420	manufacture of bodies for mothor vechiles	34	1.6%
3430	manufacture of parts and accessaries	5	0.2%
3610	Manufacture of furniture	230	11.0%

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

#11 estabno: Establishment number

Information	[Type= discrete] [Format=numeric] [Range= 2-2745] [Missing=*]
Statistics [NW/ W]	[Valid=2082 /-] [Invalid=0 /-]
Literal question	Establishment number

#12 phoneno: Telephone number

Information	[Type= discrete] [Format=numeric] [Range= 8-812200] [Missing=*]
Statistics [NW/ W]	[Valid=1907 /-] [Invalid=175 /-]
Literal question	Telephone number

#13 pobox: P.O.Box number

Information	[Type= discrete] [Format=numeric] [Range= 1-90319] [Missing=*]
Statistics [NW/ W]	[Valid=1562 /-] [Invalid=520 /-]
Literal question	P.O.Box number

#14 p71c2: Type of fixed assets

Information	[Type= discrete] [Format=numeric] [Range= 1-7] [Missing=*]
Statistics [NW/ W]	[Valid=2082 /-] [Invalid=0 /-]
Definition	This variable is part of section 7.1 (Fixed Assets and Investment) of the questionnaire
Literal question	Type of fixed assets

Value	Label	Cases	Percentage
1	Dwelling houses	22	1.1%
2	Non-residential building	447	21.5%
3	Other construction and works	83	4.0%
4	Machinery	613	29.4%
5	Vehicles	342	16.4%
6	Others (office furniture and fixture)	575	27.6%
7	Total	0	0.0%

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

#15 p71c4: Book value of the fixed assets at begining of the year

Information	[Type= continuous] [Format=numeric] [Range= 1-168090040] [Missing=*]
Statistics [NW/ W]	[Valid=2043 /-] [Invalid=39 /-] [Mean=1119178.326 /-] [StdDev=6579908.661 /-]
Definition	This variable is part of section 7.1 (Fixed Assets and Investment) of the questionnaire
Literal question	Book value of the fixed assets at begining of the year

File Type_and_value_of_fixed_assets_part71a

#16 p71c5: Investment for purchase and capital repair of fixed assets

Information	[Type= continuous] [Format=numeric] [Range= 45-16495344] [Missing=*]
Statistics [NW/ W]	[Valid=609 /-] [Invalid=1473 /-] [Mean=376464.859 /-] [StdDev=1411800.321 /-]
Definition	This variable is part of section 7.1 (Fixed Assets and Investment) of the questionnaire
Literal question	Investment for purchase and capital repair of fixed assets

#17 p71c6: Sold and disposed during the year

Information	[Type= continuous] [Format=numeric] [Range= 10-11397665] [Missing=*]
Statistics [NW/ W]	[Valid=89 /-] [Invalid=1993 /-] [Mean=255246.584 /-] [StdDev=1358973.451 /-]
Definition	This variable is part of section 7.1 (Fixed Assets and Investment) of the questionnaire
Literal question	Sold and disposed during the year

#18 p71c7: Depreciation during the year

Information	[Type= continuous] [Format=numeric] [Range= 1-19808268] [Missing=*]
Statistics [NW/ W]	[Valid=1918 /-] [Invalid=164 /-] [Mean=124365.563 /-] [StdDev=694716.196 /-]
Definition	This variable is part of section 7.1 (Fixed Assets and Investment) of the questionnaire
Literal question	Depreciation during the year

#19 p71c8: Book value of the fixed assets at end of the year

Information	[Type= continuous] [Format=numeric] [Range= 1-162585199] [Missing=*]
Statistics [NW/ W]	[Valid=2076 /-] [Invalid=6 /-] [Mean=1085981.851 /-] [StdDev=6118930.709 /-]
Definition	This variable is part of section 7.1 (Fixed Assets and Investment) of the questionnaire
Literal question	Book value of the fixed assets at end of the year

File Annual_investment_by_type_and_source_part71b

#1 eid: Enterprise id

Information	[Type= discrete] [Format=numeric] [Range= 15110002-36102745] [Missing=*]
Statistics [NW/ W]	[Valid=969 /-] [Invalid=0 /-]
Literal question	Enterprise id
Recoding and Derivation	This variable is derived by combining two variables, i.e. ISIC and establishment. The enterprise id is unique for each questionnaire.

#2 region: Region code

Information	[Type= discrete] [Format=numeric] [Range= 1-15] [Missing=*]
Statistics [NW/ W]	[Valid=969 /-] [Invalid=0 /-]
Literal question	Region code

Value	Label	Cases	Percentage	
1	TIGRAY	14		1.4%
2	AFAR	2		0.2%
3	AMHARA	76		7.8%
4	OROMIA	108		11.1%
5	SOMALIE	2		0.2%
6	BENSHANGUL	0		0.0%
7	S.N.N.P.R.	55		5.7%
12	GAMBELA	2		0.2%

File Annual_investment_by_type_and_source_part71b

#2 region: Region code

Value	Label	Cases	Percentage
13	HARARI	15	1.5%
14	ADDIS ABABA	646	66.7%
15	DIRE DAWA	49	5.1%

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

#3 srefyear: Survey reference year

Information	[Type= discrete] [Format=numeric] [Range= 1988-1988] [Missing=*]
Statistics [NW/ W]	[Valid=969 /-] [Invalid=0 /-]
Literal question	Survey reference year

Value	Label	Cases	Percentage
1988	1988 (1995/1996)	969	100.0%

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

#4 isic: International standard industrial classification (ISIC)

Information	[Type= discrete] [Format=numeric] [Range= 1511-3610] [Missing=*]
Statistics [NW/ W]	[Valid=969 /-] [Invalid=0 /-]
Literal question	International standard industrial classification (ISIC)

Value	Label	Cases	Percentage
1511	Production, processing and preserving of meat, fruit and veg	12	1.2%
1514	manufacture of edible oil	42	4.3%
1520	Manufacture of dairy products	2	0.2%
1531	Manufacture of flour	39	4.0%
1533	Manufacture of animal feed	4	0.4%
1541	manufacture of bakery	86	8.9%
1542	Manufacture of sugar and confecionary	8	0.8%
1544	manufacture of pasta and macaroni	2	0.2%
1549	Manufacture of food NEC	8	0.8%
1551	Distiling rectifying and blending of spirit	9	0.9%
1552	Manufacture of wine	2	0.2%
1553	Malt liqores and malt	11	1.1%
1554	Manufacture of soft drinks	12	1.2%
1600	Manufacture of tobacco	3	0.3%
1710	spining , weaving and finishing	31	3.2%
1723	Manufacture of cordage rope and twine	7	0.7%
1730	Kniting mills	8	0.8%
1810	manufacture of wearing apparal except fur	35	3.6%
1910	Tanning and dressing of leather	15	1.5%
1920	manufacture of footwear	81	8.4%
2000	Manufacture wood and wood products	26	2.7%
2100	Manufacture of paper and paper products	6	0.6%
2200	Publishing and printing services	59	6.1%
2411	Manufacture of basic chemicals except fertilzers	5	0.5%
2422	Manufacture of paints varnishes	8	0.8%
2423	Manufacture of phrmaceuticals, medicinial	5	0.5%

File Annual_investment_by_type_and_source_part71b

#4 isic: International standard industrial classification (ISIC)

Value	Label	Cases	Percentage
2424	Manufacture of soap detregents, perfumes..	35	3.6%
2429	Manufacture of chemical productsNEC	6	0.6%
2510	Manufacture of rubber	7	0.7%
2520	Manufacture of plastics	17	1.8%
2610	Manufacture of glass and glass products	4	0.4%
2693	Manufacture of structural clay products	13	1.3%
2694	Manufacture of cement ,lime and plaster	8	0.8%
2695	Manufacture of articles of concrete, cement	98	10.1%
2699	Manufacture of non-metalic NEC	4	0.4%
2710	Manufacture of basic iron and steel	6	0.6%
2811	Manufacture of structural metal products	56	5.8%
2892	Manufacture of cuttlery hand tools....	0	0.0%
2893	Manufacture of other fabricated metal products	8	0.8%
2899	Manufacture of pumps,compressors, valves and taps	12	1.2%
2912		2	0.2%
2914	Manufacture of ovens	8	0.8%
2919		5	0.5%
2925	Manufacture of other general purpose machnery	9	0.9%
3140	Manufacture of battries	2	0.2%
3420	manufacture of bodies for mothor vechiles	18	1.9%
3430	manufacture of parts and accessaries	4	0.4%
3610	Manufacture of furniture	121	12.5%

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

#5 p71c9: Source of financing

Information	[Type= discrete] [Format=numeric] [Range= 10-77] [Missing=*]
Statistics [NW/ W]	[Valid=969 /-] [Invalid=0 /-]
Definition	This variable is part of section 7.1 (Fixed Assets and Investment) of the questionnaire
Literal question	Source of financing

Value	Label	Cases	Percentage
10	Domestic source	423	43.7%
11	Own fund	406	41.9%
12	Bank loan	67	6.9%
13	Other	63	6.5%
20	Foreign source	10	1.0%
77	Total	0	0.0%

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

#6 p71c11: Investment in fixed assets

Information	[Type= continuous] [Format=numeric] [Range= 45-31843521] [Missing=*]
Statistics [NW/ W]	[Valid=587 /-] [Invalid=382 /-] [Mean=775904.237 /-] [StdDev=2678041.704 /-]
Definition	This variable is part of section 7.1 (Fixed Assets and Investment) of the questionnaire
Literal question	Investment in fixed assets in Birr

File Annual_investment_by_type_and_source_part71b

#7 p71c12: Working capital

Information	[Type= continuous] [Format=numeric] [Range= 154-111225171] [Missing=*]
Statistics [NW/ W]	[Valid=653 /-] [Invalid=316 /-] [Mean=3490171.012 /-] [StdDev=11790898.577 /-]
Definition	This variable is part of section 7.1 (Fixed Assets and Investment) of the questionnaire
Literal question	Working capital in Birr

File Annual_production_at_full_capacity_part81

#1 eid: Enterprise id

Information	[Type= discrete] [Format=numeric] [Range= 15110002-36102745] [Missing=*]
Statistics [NW/ W]	[Valid=2278 /-] [Invalid=0 /-]
Recoding and Derivation	This variable is derived by combining two variables, i.e. ISIC and establishment. The enterprise id is unique for each questionnaire.

#2 region: Region code

Information	[Type= discrete] [Format=numeric] [Range= 1-15] [Missing=*]
Statistics [NW/ W]	[Valid=2278 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	TIGRAY	76	3.3%
2	AFAR	8	0.4%
3	AMHARA	127	5.6%
4	OROMIA	247	10.8%
5	SOMALIE	3	0.1%
6	BENSHANGUL	0	0.0%
7	S.N.N.P.R.	204	9.0%
12	GAMBELA	3	0.1%
13	HARARI	25	1.1%
14	ADDIS ABABA	1497	65.7%
15	DIRE DAWA	88	3.9%

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

#3 srefyear: Survey reference year

Information	[Type= discrete] [Format=numeric] [Range= 1988-1988] [Missing=*]
Statistics [NW/ W]	[Valid=2278 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1988	1988 (1995/1996)	2278	100.0%

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

#4 isic: International standard industrial classification (ISIC)

Information	[Type= discrete] [Format=numeric] [Range= 1511-3610] [Missing=*]
Statistics [NW/ W]	[Valid=2278 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1511	Production, processing and preserving of meat, fruit and veg	45	2.0%
1514	manufacture of edible oil	77	3.4%
1520	Manufacture of dairy products	6	0.3%
1531	Manufacture of flour	49	2.2%

File Annual_production_at_full_capacity_part81

#4 isic: International standard industrial classification (ISIC)

Value	Label	Cases	Percentage
1533	Manufacture of animal feed	11	0.5%
1541	manufacture of bakery	162	7.1%
1542	Manufacture of sugar and confecionary	13	0.6%
1544	manufacture of pasta and macaroni	5	0.2%
1549	Manufacture of food NEC	9	0.4%
1551	Distiling rectifying and blending of spirit	26	1.1%
1552	Manufacture of wine	1	0.0%
1553	Malt liqores and malt	12	0.5%
1554	Manufacture of soft drinks	19	0.8%
1600	Manufacture of tobacco	4	0.2%
1710	spining , weaving and finishing	76	3.3%
1723	Manufacture of cordage rope and twine	20	0.9%
1730	Kniting mills	25	1.1%
1810	manufacture of wearing apparal except fur	96	4.2%
1910	Tanning and dressing of leather	28	1.2%
1920	manufacture of footwear	122	5.4%
2000	Manufacture wood and wood products	76	3.3%
2100	Manufacture of paper and paper products	16	0.7%
2200	Publishing and printing services	107	4.7%
2411	Manufacture of basic chemicals except fertilzers	10	0.4%
2422	Manufacture of paints varnishes	16	0.7%
2423	Manufacture of phrmaceuticals, medicinial	14	0.6%
2424	Manufacture of soap detregents, perfumes..	69	3.0%
2429	Manufacture of chemical productsNEC	4	0.2%
2510	Manufacture of rubber	17	0.7%
2520	Manufacture of plastics	52	2.3%
2610	Manufacture of glass and glass products	17	0.7%
2693	Manufacture of structural clay products	16	0.7%
2694	Manufacture of cement ,lime and plaster	9	0.4%
2695	Manufacture of articles of concrete, cement	231	10.1%
2699	Manufacture of non-metalic NEC	7	0.3%
2710	Manufacture of basic iron and steel	23	1.0%
2811	Manufacture of structural metal products	125	5.5%
2892	Manufacture of cuttlery hand tools....	0	0.0%
2893	Manufacture of other fabricated metal products	14	0.6%
2899	Manufacture of pumps,compressors, valves and taps	14	0.6%
2912		5	0.2%
2914	Manufacture of ovens	14	0.6%
2919		3	0.1%
2925	Manufacture of other general purpose machnery	23	1.0%
3140	Manufacture of battries	2	0.1%
3420	manufacture of bodies for mothor vechiles	38	1.7%
3430	manufacture of parts and accessaries	3	0.1%

File Annual_production_at_full_capacity_part81

#4 isic: International standard industrial classification (ISIC)

Value	Label	Cases	Percentage
3610	Manufacture of furniture	547	24.0%

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

#5 p81c2: Serial number for products description

Information	[Type= discrete] [Format=numeric] [Range= 1-10] [Missing=*]
Statistics [NW/ W]	[Valid=2278 /-] [Invalid=0 /-]
Definition	This variable is part of section 8.1 (Annual Production at Full Capacity) of the questionnaire
Literal question	Serial number for products description

Value	Label	Cases	Percentage
1	1	618	27.1%
2	2	457	20.1%
3	3	342	15.0%
4	4	261	11.5%
5	5	184	8.1%
6	6	133	5.8%
7	7	99	4.3%
8	8	73	3.2%
9	9	111	4.9%
10	10	0	0.0%

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

#6 p81c5: Product code

Information	[Type= discrete] [Format=numeric] [Range= 1-9999] [Missing=*]
Statistics [NW/ W]	[Valid=2278 /-] [Invalid=0 /-]
Definition	This variable is part of section 8.1 (Annual Production at Full Capacity) of the questionnaire
Literal question	Product code that would be produced if the establishment operate at full capacity

Frequency table not shown (116 Modalities)

#7 p81c6: Unit measurment

Information	[Type= discrete] [Format=numeric] [Range= 2-90] [Missing=*]
Statistics [NW/ W]	[Valid=1017 /-] [Invalid=1261 /-]
Definition	This variable is part of section 8.1 (Annual Production at Full Capacity) of the questionnaire
Literal question	Unit measurment of quantity of product

Frequency table not shown (60 Modalities)

#8 p81c7: Quantity of product that can be produced annually

Information	[Type= continuous] [Format=numeric] [Range= 1-800000000] [Missing=*]
Statistics [NW/ W]	[Valid=2096 /-] [Invalid=182 /-] [Mean=1303236.884 /-] [StdDev=21595649.287 /-]
Definition	This variable is part of section 8.1 (Annual Production at Full Capacity) of the questionnaire
Literal question	Quantity of product that can be produced annually at full capacity

#9 p81c8: Value of production at market price

Information	[Type= continuous] [Format=numeric] [Range= 300-514456033] [Missing=*]
Statistics [NW/ W]	[Valid=2274 /-] [Invalid=4 /-] [Mean=4533175.118 /-] [StdDev=22786240.997 /-]

File Annual_production_at_full_capacity_part81

#9 p81c8: Value of production at market price

Definition	This variable is part of section 8.1 (Annual Production at Full Capacity) of the questionnaire
Literal question	Value of production at market price

File Estimate_value_and_quantity_of_raw_materials_needed_at_full_capacity_part82

#1 eid: Enterprise id

Information	[Type= discrete] [Format=numeric] [Range= 15110002-36102745] [Missing=*]
Statistics [NW/ W]	[Valid=2742 /-] [Invalid=0 /-]
Literal question	Enterprise id
Recoding and Derivation	This variable is derived by combining two variables, i.e. ISIC and establishment. The enterprise id is unique for each questionnaire.

#2 region: Region code

Information	[Type= discrete] [Format=numeric] [Range= 1-15] [Missing=*]
Statistics [NW/ W]	[Valid=2742 /-] [Invalid=0 /-]
Literal question	Region code

Value	Label	Cases	Percentage
1	TIGRAY	77	2.8%
2	AFAR	9	0.3%
3	AMHARA	161	5.9%
4	OROMIA	282	10.3%
5	SOMALIE	3	0.1%
6	BENSHANGUL	0	0.0%
7	S.N.N.P.R.	173	6.3%
12	GAMBELA	2	0.1%
13	HARARI	25	0.9%
14	ADDIS ABABA	1910	69.7%
15	DIRE DAWA	100	3.6%

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

#3 srefyear: Survey reference year

Information	[Type= discrete] [Format=numeric] [Range= 1988-1988] [Missing=*]
Statistics [NW/ W]	[Valid=2742 /-] [Invalid=0 /-]
Literal question	Survey reference year

Value	Label	Cases	Percentage
1988	1988 (1995/1996)	2742	100.0%

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

#4 isic: International standard industrial classification (ISIC)

Information	[Type= discrete] [Format=numeric] [Range= 1511-3610] [Missing=*]
Statistics [NW/ W]	[Valid=2742 /-] [Invalid=0 /-]
Literal question	International standard industrial classification (ISIC)

Value	Label	Cases	Percentage
1511	Production, processing and preserving of meat, fruit and veg	33	1.2%

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#4 isic: International standard industrial classification (ISIC)

Value	Label	Cases	Percentage
1514	manufacture of edible oil	74	2.7%
1520	Manufacture of dairy products	1	0.0%
1531	Manufacture of flour	29	1.1%
1533	Manufacture of animal feed	12	0.4%
1541	manufacture of bakery	367	13.4%
1542	Manufacture of sugar and confecionary	26	0.9%
1544	manufacture of pasta and macaroni	4	0.1%
1549	Manufacture of food NEC	18	0.7%
1551	Distiling rectifying and blending of spirit	32	1.2%
1552	Manufacture of wine	1	0.0%
1553	Malt liqores and malt	28	1.0%
1554	Manufacture of soft drinks	34	1.2%
1600	Manufacture of tobacco	6	0.2%
1710	spining , weaving and finishing	86	3.1%
1723	Manufacture of cordage rope and twine	16	0.6%
1730	Kniting mills	32	1.2%
1810	manufacture of wearing apparal except fur	104	3.8%
1910	Tanning and dressing of leather	33	1.2%
1920	manufacture of footwear	278	10.1%
2000	Manufacture wood and wood products	76	2.8%
2100	Manufacture of paper and paper products	17	0.6%
2200	Publishing and printing services	158	5.8%
2411	Manufacture of basic chemicals except fertilzers	11	0.4%
2422	Manufacture of paints varnishes	23	0.8%
2423	Manufacture of phrmaceuticals, medicinial	7	0.3%
2424	Manufacture of soap detregents, perfumes..	104	3.8%
2429	Manufacture of chemical productsNEC	9	0.3%
2510	Manufacture of rubber	21	0.8%
2520	Manufacture of plastics	37	1.3%
2610	Manufacture of glass and glass products	7	0.3%
2693	Manufacture of structural clay products	13	0.5%
2694	Manufacture of cement ,lime and plaster	27	1.0%
2695	Manufacture of articles of concrete, cement	242	8.8%
2699	Manufacture of non-metalic NEC	8	0.3%
2710	Manufacture of basic iron and steel	16	0.6%
2811	Manufacture of structural metal products	151	5.5%
2892	Manufacture of cuttlery hand tools....	0	0.0%
2893	Manufacture of other fabricated metal products	18	0.7%
2899	Manufacture of pumps,compressors, valves and taps	28	1.0%
2912		6	0.2%
2914	Manufacture of ovens	29	1.1%
2919		11	0.4%

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#4 isic: International standard industrial classification (ISIC)

Value	Label	Cases	Percentage
2925	Manufacture of other general purpose machnery	32	1.2%
3140	Manufacture of battries	6	0.2%
3420	manufacture of bodies for mothor vechiles	41	1.5%
3430	manufacture of parts and accessaries	5	0.2%
3610	Manufacture of furniture	425	15.5%

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

#5 p82c2: Serial number for raw material description

Information	[Type= discrete] [Format=numeric] [Range= 1-7] [Missing=*]
Statistics [NW/ W]	[Valid=2742 /-] [Invalid=0 /-]
Definition	This variable is part of section 8.2 (Estimated Value and Quantity of Raw Materials Needed, at Full Capacity) of the questionnaire
Literal question	Serial number for raw material description

Value	Label	Cases	Percentage
1	1	617	22.5%
2	2	535	19.5%
3	3	474	17.3%
4	4	398	14.5%
5	5	328	12.0%
6	6	390	14.2%
7	7	0	0.0%

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

#6 p82c5: Raw material code

Information	[Type= discrete] [Format=numeric] [Range= 6-9999] [Missing=*]
Statistics [NW/ W]	[Valid=2742 /-] [Invalid=0 /-]
Definition	This variable is part of section 8.2 (Estimated Value and Quantity of Raw Materials Needed, at Full Capacity) of the questionnaire
Literal question	Raw material code
	Frequency table not shown (98 Modalities)

#7 p82c6: Unit of measurment

Information	[Type= discrete] [Format=numeric] [Range= 2-90] [Missing=*]
Statistics [NW/ W]	[Valid=1303 /-] [Invalid=1439 /-]
Definition	This variable is part of section 8.2 (Estimated Value and Quantity of Raw Materials Needed, at Full Capacity) of the questionnaire
Literal question	Unit of measurment of quantity of raw material
	Frequency table not shown (57 Modalities)

#8 p82c7: Quantity of local raw materials

Information	[Type= continuous] [Format=numeric] [Range= 2-9088998] [Missing=*]
Statistics [NW/ W]	[Valid=1501 /-] [Invalid=1241 /-] [Mean=113112.606 /-] [StdDev=553716.036 /-]
Definition	This variable is part of section 8.2 (Estimated Value and Quantity of Raw Materials Needed, at Full Capacity) of the questionnaire

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#8 p82c7: Quantity of local raw materials

Literal question	Quantity of local raw materials

#9 p82c8: Value of local raw materials

Information	[Type= continuous] [Format=numeric] [Range= 30-229383000] [Missing=*]
Statistics [NW/ W]	[Valid=1873 /-] [Invalid=869 /-] [Mean=1587707.547 /-] [StdDev=7685632.671 /-]
Definition	This variable is part of section 8.2 (Estimated Value and Quantity of Raw Materials Needed, at Full Capacity) of the questionnaire
Literal question	Value of local raw materials

#10 p82c9: Quantity of imported raw materials

Information	[Type= continuous] [Format=numeric] [Range= 1-14509376] [Missing=*]
Statistics [NW/ W]	[Valid=807 /-] [Invalid=1935 /-] [Mean=146341.222 /-] [StdDev=821777.493 /-]
Definition	This variable is part of section 8.2 (Estimated Value and Quantity of Raw Materials Needed, at Full Capacity) of the questionnaire
Literal question	Quantity of imported raw materials

#11 p82c10: Value of imported raw materials

Information	[Type= continuous] [Format=numeric] [Range= 28-265201094] [Missing=*]
Statistics [NW/ W]	[Valid=1049 /-] [Invalid=1693 /-] [Mean=2335479.155 /-] [StdDev=11504076.315 /-]
Definition	This variable is part of section 8.2 (Estimated Value and Quantity of Raw Materials Needed, at Full Capacity) of the questionnaire
Literal question	Value of imported raw materials

#12 p82c11: Total quantity of estimated raw materials

Information	[Type= continuous] [Format=numeric] [Range= 1-75411438] [Missing=*]
Statistics [NW/ W]	[Valid=2262 /-] [Invalid=480 /-] [Mean=154188.643 /-] [StdDev=1695828.158 /-]
Definition	This variable is part of section 8.2 (Estimated Value and Quantity of Raw Materials Needed, at Full Capacity) of the questionnaire
Literal question	Total quantity of estimated raw materials

#13 p82c12: Total value of estimated raw materials

Information	[Type= continuous] [Format=numeric] [Range= 28-265201094] [Missing=*]
Statistics [NW/ W]	[Valid=2740 /-] [Invalid=2 /-] [Mean=1979450.317 /-] [StdDev=9650018.904 /-]
Definition	This variable is part of section 8.2 (Estimated Value and Quantity of Raw Materials Needed, at Full Capacity) of the questionnaire
Literal question	Total value of estimated raw materials

Documentation

Reports and analytical documents

Study Documentation, Central Statistical Agency, December 2010, Ethiopia [eth], English [eng], "Doc\Reports\LMMIS_1996_Metadata.pdf"

Report on Large and Medium Scale Manufacturing and Electricity Industries Survey, Central Statistical Agency, October 1997, Ethiopia [eth], English [eng], "Doc\Reports\Report.pdf"

Description

This report contains detailed information on number of establishments, number of persons engaged and number of employees, wages and salaries paid by industrial group, sex, nationality and occupation, initial capital, gross value of production, industrial and non-industrial costs, value added, operating surplus, quantity of production and raw materials, fixed assets, investment and capacity are presented in this report. The report has also time series tables.

Questionnaires

Large and Medium Manufacturing and Electricity Industries Survey 1995-1996 - Questionnaire, Central Statistical Agency, Ethiopia [eth], English [eng], "Doc\Questionnaires\Questionnaire.pdf"

Technical documents

Form for Requesting Access to Raw Data, Central Statistical Agency, Ethiopia [eth], English [eng], "Doc\Technical\CSA_data_request_form.pdf"