

Ethiopia

Central Statistical Agency, Ministry of Finance and Economic Development

**Large and Medium Manufacturing and Electricity
Industries Survey 1997-1998 (1990 E.C)**

Study Documentation

January 3, 2011

Metadata Production

Metadata Producer(s)	Central Statistical Agency (CSA) , Ministry of Finance and Economic Development , Data Producer
Production Date	August 2, 2005
Version	Version 1.1: Edited on December 2010
Identification	DDI-ETH-CSA-LMMIS-1998-v1.1

This document was generated using the [IHSN Microdata Management Toolkit](#)

Table of Contents

Overview.....	1
Scope & Coverage.....	1
Producers & Sponsors.....	2
Sampling.....	2
Data Collection.....	2
Data Processing & Appraisal.....	4
Accessibility.....	4
Rights & Disclaimer.....	5
Files Description.....	6
Dataset_at_establishment_level_for_1990(1997-1998).....	6
Number_of_persons_engaged_part31.....	6
Wages_and_salaries_and_other_employee_benefits_paid_part32.....	6
Number_of_permanent_employees_by_basic_salary_group_part33.....	6
Products_and_by_products_part41.....	6
Value_of_stocks_part5.....	7
Cost_and_quantity_of_raw_materials_part61.....	7
Other_industrial_costs_part62.....	7
Type_and_value_of_fixed_assets_part71.....	7
Annual_investment_by_type_and_source_part72.....	7
Annual_production_at_full_capacity_part81.....	8
Estimate_value_and_quantity_of_raw_materials_needed_at_full_capacity_part82.....	8
Variables List.....	9
Dataset_at_establishment_level_for_1990(1997-1998).....	9
Number_of_persons_engaged_part31.....	15
Wages_and_salaries_and_other_employee_benefits_paid_part32.....	16
Number_of_permanent_employees_by_basic_salary_group_part33.....	17
Products_and_by_products_part41.....	18
Value_of_stocks_part5.....	19
Cost_and_quantity_of_raw_materials_part61.....	20
Other_industrial_costs_part62.....	20
Type_and_value_of_fixed_assets_part71.....	21
Annual_investment_by_type_and_source_part72.....	22
Annual_production_at_full_capacity_part81.....	22
Estimate_value_and_quantity_of_raw_materials_needed_at_full_capacity_part82.....	23
Variables Description.....	25
Dataset_at_establishment_level_for_1990(1997-1998).....	25
Number_of_persons_engaged_part31.....	47
Wages_and_salaries_and_other_employee_benefits_paid_part32.....	52
Number_of_permanent_employees_by_basic_salary_group_part33.....	57
Products_and_by_products_part41.....	63
Value_of_stocks_part5.....	67
Cost_and_quantity_of_raw_materials_part61.....	71
Other_industrial_costs_part62.....	76
Type_and_value_of_fixed_assets_part71.....	79
Annual_investment_by_type_and_source_part72.....	83
Annual_production_at_full_capacity_part81.....	87
Estimate_value_and_quantity_of_raw_materials_needed_at_full_capacity_part82.....	91
Documentation.....	97

Ethiopia (1999)

Large and Medium Manufacturing and Electricity Industries Survey 1997-1998 (1990 E.C) (LMMIS 1998)

Overview	
Type	Enterprise/Establishment Census [en/census]
Identification	ETH-CSA-LMMIS-1998-v1.1
Version	Version 1.0: Edited and non-anonymous dataset for internal use only.
Abstract <p>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."</p> <p>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.</p> <p>In this survey attempt was made to update the directory using as source of information the licenses issued by the Ministry of Trade and 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 21 than that of the previous survey period.</p> <p>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 consumed, fixed assets, investment and production capacity and etc..., To access the survey questionnaire please click on the links.</p>	
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,
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Seasonal and Temporary Workers, Number Employed, Number Engaged, Basic Wages and Salaries, Wages and Salaries, Commissions, Bonuses, Professional and Hardship Allowances, 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 Capital 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 1999-04 Gregorian calendar (G.C.): end 1999-06
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, 22 assistant head of Branch Statistical Offices, overall about 92 enumerators and supervisors (44 from Region-14 and 48 from other CSA Branch Offices), and 11 statisticians from the Head Office and about 30 drivers (9 from Region 14 and 21 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 questionnaire contains the following sections/ items:

Section 1.1. Address of the establishments: This section has variables that identify the questionnaire uniquely. The variables are; Killil, Zone, Wereda, Town, Higher, Kebele, House no, Year, ISIC, Establishment no, Telephone no and P.O.Box codes or numbers.

Section 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 variables used to collect the information are; Killil, Zone, Wereda, Town, Higher, Kebele, House no, Telephone no and P.O.Box.

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

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

Section 3.2. Wages and Salaries and Other Employee Benefits Paid: This section has variables related to wages and other employees benefits by employee occupation.

Section 3.3. Number of Permanent Employees by Basic Salary Group: This section has variables related to salary groups by sex of employees

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

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

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

Section 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).

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

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

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

Section 7.1. Type and Value of Fixed Assets: This section has questions related to fixed assets of the establishment.

Section 7.2. Annual Investment by Type and Source: This section has questions related to investment on fixed assets and working capitals.

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

Section 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.

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

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

Data Collector(s)	Central Statistical Agency (CSA)
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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

The 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.

Terms and conditions of use of public data files are the following:

The data and other materials provided by CSA will not be redistributed or sold to other individuals, institutions, or organizations without the written agreement of CSA.

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 1997-1998 (LMMIS 1997-1998) "

Rights & Disclaimer

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Files Description

Dataset contains 12 file(s)

Dataset_at_establishment_level_for_1990(1997-1998)	
# Cases	725
# Variable(s)	134
File Structure	Type: relational Key(s): eid (Enterprise id)
Producer Ethiopia Central Statistical Agency	

Number_of_persons_engaged_part31	
# Cases	2127
# Variable(s)	28
File Structure	Type: relational Key(s): eid (Enterprise id) , p31c1 (General occupation)
Producer Ethiopia Central Statistical Agency	

Wages_and_salaries_and_other_employee_benefits_paid_part32	
# Cases	1440
# Variable(s)	25
File Structure	Type: relational Key(s): eid (Enterprise id) , p32c1 (General occupation)
Producer Ethiopia Central Statistical Agency	

Number_of_permanent_employees_by_basic_salary_group_part33	
# Cases	1308
# Variable(s)	28
File Structure	Type: relational Key(s): eid (Enterprise id) , p33c1 (Sex)
Producer Ethiopia Central Statistical Agency	

Products_and_by_products_part41	
# Cases	3055
# Variable(s)	23
File Structure	Type: relational Key(s): eid (Enterprise id) , p41c1 (Serial number for list of principal products)

Producer

Ethiopia Central Statistical Agency

Value_of_stocks_part5

# Cases	1196
# Variable(s)	17
File Structure	Type: relational Key(s): eid (Enterprise id) , p5c1 (Type of stock)

Producer

Ethiopia Central Statistical Agency

Cost_and_quantity_of_raw_materials_part61

# Cases	4106
# Variable(s)	22
File Structure	Type: relational Key(s): eid (Enterprise id) , p61c1 (Serial number for list of principal raw materials)

Producer

Ethiopia Central Statistical Agency

Other_industrial_costs_part62

# Cases	740
# Variable(s)	17
File Structure	Type: relational Key(s): eid (Enterprise id) , p62c1 (Serial number for list of other industrial costs)

Producer

Ethiopia Central Statistical Agency

Type_and_value_of_fixed_assets_part71

# Cases	2416
# Variable(s)	19
File Structure	Type: relational Key(s): eid (Enterprise id) , p71c1 (Type of fixed assets)

Producer

Ethiopia Central Statistical Agency

Annual_investment_by_type_and_source_part72

# Cases	1359
# Variable(s)	16
File Structure	Type: relational Key(s): eid (Enterprise id) , p72c1 (Source of financing)

Producer

Ethiopia Central Statistical Agency

Annual_production_at_full_capacity_part81

# Cases	2835
# Variable(s)	18
File Structure	Type: relational Key(s): eid (Enterprise id) , p81c1 (Serial number for products description)

Producer

Ethiopia Central Statistical Agency

Estimate_value_and_quantity_of_raw_materials_needed_at_full_capacity_part82

# Cases	3164
# Variable(s)	22
File Structure	Type: relational Key(s): eid (Enterprise id) , p82c1 (Serial number for raw material list)

Producer

Ethiopia Central Statistical Agency

Variables List

Dataset contains 369 variable(s)

File Dataset_at_establishment_level_for_1990(1997-1998)							
#	Name	Label	Type	Format	Valid	Invalid	Question
1	eid	Enterprise id	discrete	numeric-8.0	725	0	Enterprise id
2	region	Region code	discrete	numeric-2.0	725	0	Region code
3	zone	Zone code	discrete	numeric-2.0	724	1	Zone code
4	wereda	Wereda code	discrete	numeric-2.0	485	240	Wereda code
5	town	Town code	discrete	numeric-2.0	725	0	Town code
6	kefetgna	Kefetegna number	discrete	numeric-2.0	624	101	Kefetegna number
7	kebele	Kebele number	discrete	numeric-2.0	686	39	Kebele number
8	housesno	House number	discrete	numeric-4.0	511	214	House number
9	srefyear	Survey reference year	discrete	numeric-4.0	725	0	Survey reference year
10	isic	International standard industrial classification (ISIC)	discrete	numeric-4.0	725	0	International standard industrial classification (ISIC)
11	estabno	Establishment number	discrete	numeric-4.0	725	0	Establishment number
12	phoneno	Telephone number	discrete	numeric-6.0	680	45	Telephone number
13	pobox	P.O.Box number	discrete	numeric-5.0	551	174	P.O.Box number
14	hregion	Region code for head office	discrete	numeric-2.0	52	673	Region code for head office
15	hzone	Zone code for head office	discrete	numeric-2.0	48	677	Zone code for head office
16	hwereda	Wereda code for head office	discrete	numeric-2.0	49	676	Wereda code for head office
17	htown	Town code for head office	discrete	numeric-2.0	49	676	Town code for head office
18	hkeftgna	Kefetegna number of head office	discrete	numeric-2.0	49	676	Kefetegna number of head office
19	hkebele	Kebele number of head office	discrete	numeric-2.0	49	676	Kebele number of head office
20	hhousesno	House number of head office	discrete	numeric-4.0	33	692	House number of head office
21	hphoneno	Telephone of head office	discrete	numeric-6.0	58	667	Telephone of head office
22	hpobox	P.O.Box of head office	discrete	numeric-5.0	42	683	P.O.Box of head office
23	p2q2	Number of establishment	continuous	numeric-1.0	56	669	If multi-establishment enterprise, number of establishment
24	p2q3m	Month of commencement	continuous	numeric-2.0	607	118	Month of commencement of operation (in Ethiopian calendar year)
25	p2q3y	Year of commencement	continuous	numeric-4.0	725	0	Year of commencement of operation (in Ethiopian calendar year)
26	p2q4	Keep books of accounts	discrete	numeric-1.0	725	0	Do you keep books of accounts ? (if yes attach detailed statement of accounts)
27	p2q5	Type of calendar for accounts and books are being kept	discrete	numeric-1.0	391	334	State according to which calendar year your accounts and books are being kept

File Dataset_at_establishment_level_for_1990(1997-1998)							
#	Name	Label	Type	Format	Valid	Invalid	Question
28	p2q6	Type of ownership	discrete	numeric-1.0	725	0	Type of ownership of the establishment
29	p2q7	Legal form of the establishment	discrete	numeric-1.0	585	140	What is the legal form of organization ?
30	p2q8m	Number of male owners	continuous	numeric-2.0	509	216	Number of male owners of the establishments
31	p2q8f	Number of female owners	continuous	numeric-2.0	187	538	Number of female owners of the establishments
32	p2q8t	Total number of owners	continuous	numeric-2.0	566	159	Number of owners of the establishments
33	p2q9meth	Initial paid-up capital (private Ethiopian male)	continuous	numeric-10.0	497	228	Initial paid-up capital (private Ethiopian male) in Birr
34	p2q9feth	Initial paid-up capital (private Ethiopian female)	continuous	numeric-10.0	161	564	Initial paid-up capital (private Ethiopian female) in Birr
35	p2q9neth	Initial paid-up capital (private non-Ethiopian)	continuous	numeric-10.0	20	705	Initial paid-up capital (private non-Ethiopian) in Birr
36	p2q9pub	Initial paid-up capital (public)	continuous	numeric-10.0	135	590	Initial paid-up capital (public) in Birr
37	p2q9oth	Initial paid-up capital (other)	continuous	numeric-10.0	22	703	Initial paid-up capital (other) in Birr
38	p2q9tot	Total initial paid-up capital	continuous	numeric-10.0	714	11	Total initial paid-up capital in Birr
39	p2q10	Number of months the establishment operated during the survey reference year	continuous	numeric-2.0	724	1	Number of months the establishment operated
40	p2q11a	First major problem prevented the establishment operating full year	discrete	numeric-1.0	237	488	What were the three major problems prevented you from operating full year
41	p2q11b	Second major problem prevented the establishment operating full year	discrete	numeric-1.0	160	565	What were the three major problems prevented you from operating full year
42	p2q11c	Third major problem prevented the establishment operating full year	discrete	numeric-1.0	99	626	What were the three major problems prevented you from operating full year
43	p2q12	Ownership of non-residential buildings	discrete	numeric-1.0	725	0	Ownership of non-residential buildings
44	p2q13	Source of non-residential buildings	discrete	numeric-1.0	543	182	What was the source of ownership ?
45	p31c3t	Total number of male Ethiopian employees for the month September (Meskerem)	continuous	numeric-5.0	699	26	Total number of male Ethiopian employees for the month September (Meskerem)
46	p31c4t	Total number of female Ethiopian employees for the month September (Meskerem)	continuous	numeric-5.0	622	103	Total number of female Ethiopian employees for the month September (Meskerem)
47	p31c5t	Total number of foreigner employees for the month September (Meskerem)	continuous	numeric-2.0	24	701	Total number of foreigner employees for the month September (Meskerem)

File Dataset_at_establishment_level_for_1990(1997-1998)							
#	Name	Label	Type	Format	Valid	Invalid	Question
48	p31c6t	Total number of male Ethiopian employees for the month December (Tahisas)	continuous	numeric-5.0	710	15	Total number of male Ethiopian employees for the month December (Tahisas)
49	p31c7t	Total number of female Ethiopian employees for the month December (Tahisas)	continuous	numeric-5.0	632	93	Total number of female Ethiopian employees for the month December (Tahisas)
50	p31c8t	Total number of foreigner employees for the month December (Tahisas)	continuous	numeric-2.0	24	701	Total number of foreigner employees for the month December (Tahisas)
51	p31c9t	Total number of male Ethiopian employees for the month March (Megabit)	continuous	numeric-5.0	719	6	Total number of male Ethiopian employees for the month March (Megabit)
52	p31c10t	Total number of female Ethiopian employees for the month March (Megabit)	continuous	numeric-5.0	641	84	Total number of female Ethiopian employees for the month March (Megabit)
53	p31c11t	Total number of foreigner employees for the month March (Megabit)	continuous	numeric-2.0	26	699	Total number of foreigner employees for the month March (Megabit)
54	p31c12t	Total number of male Ethiopian employees for the month June (Sene)	continuous	numeric-5.0	723	2	Total number of male Ethiopian employees for the month June (Sene)
55	p31c13t	Total number of female Ethiopian employees for the month June (Sene)	continuous	numeric-5.0	645	80	Total number of female Ethiopian employees for the month June (Sene)
56	p31c14t	Total number of foreigner employees for the month June (Sene)	continuous	numeric-2.0	26	699	Total number of foreigner employees for the month June (Sene)
57	p32c3t	Total wage for male Ethiopian	continuous	numeric-8.0	707	18	Total wage for male Ethiopian
58	p32c4t	Total wage for female Ethiopian	continuous	numeric-8.0	607	118	Total wage for female Ethiopian
59	p32c5t	Total wage for foreigners	continuous	numeric-8.0	16	709	Total wage for foreigners
60	p32c6t	Wage total	continuous	numeric-8.0	712	13	Wage total
61	p32c7t	Commission, bonuses, proffional and hardship allowance	continuous	numeric-7.0	244	481	Commission, bonuses, proffional and hardship allowance
62	p32c8t	Actual cost of the establishmnet on food, lodging, medical and other benefits provided to employees free of charge	continuous	numeric-7.0	356	369	Actual cost of the establishmnet on food, lodging, medical and other benefits provided to employees free of charge
63	p32c9t	Establishment's contribution on behalf of employees to pension, life and casualty insurance schemes	continuous	numeric-7.0	223	502	Establishment's contribution on behalf of employees to pension, life and casualty insurance schemes
64	p33c3t	Total number of permanent employees with salary group under 75	continuous	numeric-5.0	113	612	Total number of permanent employees with salary group under 75

File Dataset_at_establishment_level_for_1990(1997-1998)

#	Name	Label	Type	Format	Valid	Invalid	Question
65	p33c4t	Total number of permanent employees with salary group between 75 and 105	continuous	numeric-5.0	252	473	Total number of permanent employees with salary group between 75 and 105
66	p33c5t	Total number of permanent employees with salary group between 105 and 150	continuous	numeric-5.0	395	330	Total number of permanent employees with salary group between 105 and 150
67	p33c6t	Total number of permanent employees with salary group between 150 and 200	continuous	numeric-5.0	493	232	Total number of permanent employees with salary group between 150 and 200
68	p33c7t	Total number of permanent employees with salary group between 200 and 250	continuous	numeric-5.0	473	252	Total number of permanent employees with salary group between 200 and 250
69	p33c8t	Total number of permanent employees with salary group between 250 and 300	continuous	numeric-5.0	427	298	Total number of permanent employees with salary group between 250 and 300
70	p33c9t	Total number of permanent employees with salary group between 300 and 400	continuous	numeric-5.0	486	239	Total number of permanent employees with salary group between 300 and 400
71	p33c10t	Total number of permanent employees with salary group between 400 and 500	continuous	numeric-5.0	417	308	Total number of permanent employees with salary group between 400 and 500
72	p33c11t	Total number of permanent employees with salary group between 500 and 700	continuous	numeric-5.0	409	316	Total number of permanent employees with salary group between 500 and 700
73	p33c12t	Total number of permanent employees with salary group between 700 and 1000	continuous	numeric-5.0	318	407	Total number of permanent employees with salary group between 700 and 1000
74	p33c13t	Total number of permanent employees with salary group between 1000 and 1500	continuous	numeric-5.0	274	451	Total number of permanent employees with salary group between 1000 and 1500
75	p33c14t	Total number of permanent employees with salary group between 1500 and 2000	continuous	numeric-5.0	162	563	Total number of permanent employees with salary group between 1500 and 2000
76	p33c15t	Total number of permanent employees with salary group over 2000	continuous	numeric-4.0	85	640	Total number of permanent employees with salary group over 2000
77	p33c16t	Total number of permanent employees	continuous	numeric-5.0	710	15	Total number of permanent employees
78	p41c8t	Total value of production	continuous	numeric-9.0	722	3	Total value of production
79	p41c10t	Total sales value	continuous	numeric-9.0	722	3	Total sales value
80	p41c12t	Total value of exported sales	continuous	numeric-9.0	28	697	Total value of exported sales
81	p42c2	Value of contract workdone for other by their materials	continuous	numeric-8.0	118	607	Value of contract workdone for other by their materials

File Dataset_at_establishment_level_for_1990(1997-1998)							
#	Name	Label	Type	Format	Valid	Invalid	Question
82	p42c3	Receipt for repair and maintenance work done for others	continuous	numeric-8.0	89	636	Receipt for repair and maintenance work done for others
83	p42c4	Receipts of products bought and resold without further processing	continuous	numeric-9.0	48	677	Receipts of products bought and resold without further processing
84	p42c5	Value of capital goods produced by own employees and materials for own use	continuous	numeric-8.0	20	705	Value of capital goods produced by own employees and materials for own use
85	p42c6	Interest received	continuous	numeric-7.0	21	704	Interest received
86	p42c7	Rental income from lease of machinery and equipment	continuous	numeric-7.0	101	624	Rental income from lease of machinery and equipment
87	p42c8	Insurance claims	continuous	numeric-9.0	6	719	Insurance claims
88	p42c9	Subsidy	continuous	numeric-8.0	3	722	Subsidy
89	p42c10	Other income	continuous	numeric-8.0	285	440	Other income
90	p42c11	Total value of services and other receipts	continuous	numeric-9.0	401	324	Total value of services and other receipts
91	p61c7t	Total value of local raw materials	continuous	numeric-9.0	670	55	Total value of local raw materials
92	p61c9t	Total value of Imported raw materials	continuous	numeric-9.0	528	197	Total value of Imported raw materials
93	p61c11t	Value of total raw materials	continuous	numeric-9.0	721	4	Value of total raw materials
94	p62c6t	Total value of fuel and lubricating oil	continuous	numeric-9.0	435	290	Total value of fuel and lubricating oil
95	p62c7t	Electricity consumption in KWH	continuous	numeric-9.0	240	485	Electricity consumption in KWH
96	p62c8t	Cost of electricity consumed	continuous	numeric-9.0	717	8	Cost of electricity consumed
97	p62c9t	Cost of wood and charcoal for energy	continuous	numeric-6.0	75	650	Cost of wood and charcoal for energy
98	p62c10t	Cost of water consumed	continuous	numeric-7.0	520	205	Cost of water consumed
99	p62c11t	Cost of contract work done by others for the establishment	continuous	numeric-8.0	594	131	Cost of contract work done by others for the establishment
100	p62c12t	Cost of goods bought and resold	continuous	numeric-9.0	43	682	Cost of goods bought and resold
101	p62c13t	Cost of repair and maintenance	continuous	numeric-8.0	46	679	Cost of repair and maintenance
102	p62c14t	Total value of other inputs	continuous	numeric-9.0	725	0	Total value of other inputs
103	p63c2	License fee	continuous	numeric-9.0	592	133	License fee
104	p63c3	Advertising	continuous	numeric-8.0	287	438	Advertising
105	p63c4	Stationary, telephone and mailing expenses	continuous	numeric-8.0	697	28	Stationary, telephone and mailing expenses
106	p63c5	Payment for accounting, legal commission, etc..	continuous	numeric-9.0	270	455	Payment for accounting, legal commission, etc..
107	p63c6	Transport cost	continuous	numeric-9.0	607	118	Transport cost

File Dataset_at_establishment_level_for_1990(1997-1998)							
#	Name	Label	Type	Format	Valid	Invalid	Question
108	p63c7	Interest payments	continuous	numeric-7.0	239	486	Interest payments
109	p63c8	Bank charges	continuous	numeric-7.0	268	457	Bank charges
110	p63c9	Dividend payments	continuous	numeric-8.0	9	716	Dividend payments
111	p63c10	Rent payable for rental of structures and equipment	continuous	numeric-8.0	296	429	Rent payable for rental of structures and equipment
112	p63c11	Insurance premium on property	continuous	numeric-9.0	390	335	Insurance premium on property
113	p63c12	Others non-industrials costs	continuous	numeric-9.0	534	191	Others non-industrials costs
114	p63c13	Total value of other non-industrial expenses	continuous	numeric-10.0	723	2	Total value of other non-industrial expenses
115	p64c2	Indirect taxes payments	continuous	numeric-9.0	669	56	Indirect taxes payments
116	p64c3	Income tax paid on profit	continuous	numeric-9.0	666	59	Income tax paid on profit
117	p64c5	Total taxes paid	continuous	numeric-9.0	669	56	Total taxes paid
118	p71c3t	Total book value of the fixed assets at beginning of the year	continuous	numeric-9.0	708	17	Total book value of the fixed assets at beginning of the year
119	p71c4t	Total investment for purchase and capital repair of fixed assets	continuous	numeric-9.0	325	400	Total investment for purchase and capital repair of fixed assets
120	p71c5t	Total sold and disposed during the year	continuous	numeric-8.0	70	655	Total sold and disposed during the year
121	p71c6t	Total depreciation during the year	continuous	numeric-8.0	688	37	Total depreciation during the year
122	p71c7t	Total book value of the fixed assets at end of the year	continuous	numeric-9.0	713	12	Total book value of the fixed assets at end of the year
123	p72c3t	Total investment on fixed assets	continuous	numeric-9.0	325	400	Total investment on fixed assets
124	p72c4t	Total working capital	continuous	numeric-9.0	553	172	Total working capital
125	p81c7t	Total value of production (if working at full capacity) at market price	continuous	numeric-11.0	724	1	Total value of production (if working at full capacity) at market price
126	p82c7t	Total value of local raw materials (if working at full capacity)	continuous	numeric-9.0	654	71	Total value of local raw materials (if working at full capacity)
127	p82c9t	Total value of imported raw materials (if working at full capacity)	continuous	numeric-9.0	496	229	Total value of imported raw materials (if working at full capacity)
128	p82c11t	Total value of estimated raw materials (if working at full capacity)	continuous	numeric-9.0	712	13	Total value of estimated raw materials (if working at full capacity)
129	p83a	Three major problems that prevented operating with full capacity (1)	discrete	numeric-1.0	653	72	What were the three major problems that prevented the establishment from operating with full capacity
130	p83b	Three major problems that prevented operating with full capacity (2)	discrete	numeric-1.0	392	333	What were the three major problems that prevented the establishment from operating with full capacity

File Dataset_at_establishment_level_for_1990(1997-1998)

#	Name	Label	Type	Format	Valid	Invalid	Question
131	p83c	Three major problems that prevented operating with full capacity (3)	discrete	numeric-1.0	178	547	What were the three major problems that prevented the establishment from operating with full capacity
132	p84a	First major problem faced the establishment at present	discrete	numeric-2.0	722	3	What are the three major problems that are facing the establishment at present ?
133	p84b	Second major problem faced the establishment at present	discrete	numeric-2.0	516	209	What are the three major problems that are facing the establishment at present ?
134	p84c	Third major problem faced the establishment at present	discrete	numeric-2.0	293	432	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	2127	0	Enterprise id
2	region	Region code	discrete	numeric-2.0	2127	0	Region code
3	zone	Zone code	discrete	numeric-2.0	2123	4	Zone code
4	wereda	Wereda code	discrete	numeric-2.0	1365	762	Wereda code
5	town	Town code	discrete	numeric-2.0	2127	0	Town code
6	kefetgna	Kefetegna number	discrete	numeric-2.0	1815	312	Kefetegna number
7	kebele	Kebele number	discrete	numeric-2.0	2015	112	Kebele number
8	houseno	House number	discrete	numeric-4.0	1503	624	House number
9	srefyear	Survey reference year	discrete	numeric-4.0	2127	0	Survey reference year
10	isic	International standard industrial classification (ISIC)	discrete	numeric-4.0	2127	0	International standard industrial classification (ISIC)
11	estabno	Establishment number	discrete	numeric-4.0	2127	0	Establishment number
12	phoneno	Telephone number	discrete	numeric-6.0	1995	132	Telephone number
13	pobox	P.O.Box number	discrete	numeric-5.0	1612	515	P.O.Box number
14	p31c1	General occupation	discrete	numeric-1.0	2127	0	General occupation
15	p31c3	Number of male Ethiopian employees for the month September (Meskerem)	continuous	numeric-5.0	1659	468	Number of male Ethiopian employees for the month September (Meskerem)
16	p31c4	Number of female Ethiopian employees for the month September (Meskerem)	continuous	numeric-5.0	1068	1059	Number of female Ethiopian employees for the month September (Meskerem)
17	p31c5	Number of foreigner employees for the month September (Meskerem)	continuous	numeric-2.0	26	2101	Number of foreigner employees for the month September (Meskerem)
18	p31c6	Number of male Ethiopian employees for the month December (Tahisas)	continuous	numeric-5.0	1686	441	Number of male Ethiopian employees for the month December (Tahisas)
19	p31c7	Number of female Ethiopian employees for the month December (Tahisas)	continuous	numeric-5.0	1085	1042	Number of female Ethiopian employees for the month December (Tahisas)

File Number_of_persons_engaged_part31

#	Name	Label	Type	Format	Valid	Invalid	Question
20	p31c8	Number of foreigner employees for the month December (Tahisas)	continuous	numeric-2.0	26	2101	Number of foreigner employees for the month December (Tahisas)
21	p31c9	Number of male Ethiopian employees for the month March (Megabit)	continuous	numeric-5.0	1706	421	Number of male Ethiopian employees for the month March (Megabit)
22	p31c10	Number of female Ethiopian employees for the month March (Megabit)	continuous	numeric-5.0	1096	1031	Number of female Ethiopian employees for the month March (Megabit)
23	p31c11	Number of foreigner employees for the month March (Megabit)	continuous	numeric-2.0	28	2099	Number of foreigner employees for the month March (Megabit)
24	p31c12	Number of male Ethiopian employees for the month June (Sene)	continuous	numeric-5.0	1717	410	Number of male Ethiopian employees for the month June (Sene)
25	p31c13	Number of female Ethiopian employees for the month June (Sene)	continuous	numeric-5.0	1100	1027	Number of female Ethiopian employees for the month June (Sene)
26	p31c14	Number of foreigner employees for the month June (Sene)	continuous	numeric-2.0	28	2099	Number of foreigner employees for the month June (Sene)
27	p31c15	Persons per month	continuous	numeric-6.0	339	1788	Persons per month
28	p31c16	Wage for temporary workers	continuous	numeric-8.0	340	1787	Wage for temporary workers

File Wages_and_salaries_and_other_employee_benefits_paid_part32

#	Name	Label	Type	Format	Valid	Invalid	Question
1	eid	Enterprise id	discrete	numeric-8.0	1440	0	Enterprise id
2	region	Region code	discrete	numeric-2.0	1440	0	Region code
3	zone	Zone code	discrete	numeric-2.0	1438	2	Zone code
4	wereda	Wereda code	discrete	numeric-2.0	956	484	Wereda code
5	town	Town code	discrete	numeric-2.0	1440	0	Town code
6	kefetgna	Kefetegna number	discrete	numeric-2.0	1241	199	Kefetegna number
7	kebele	Kebele number	discrete	numeric-2.0	1363	77	Kebele number
8	houseno	House number	discrete	numeric-4.0	1018	422	House number
9	srefyear	Survey reference year	discrete	numeric-4.0	1440	0	Survey reference year
10	isic	International standard industrial classification (ISIC)	discrete	numeric-4.0	1440	0	International standard industrial classification (ISIC)
11	estabno	Establishment number	discrete	numeric-4.0	1440	0	Establishment number
12	phoneno	Telephone number	discrete	numeric-6.0	1355	85	Telephone number
13	pobox	P.O.Box number	discrete	numeric-5.0	1106	334	P.O.Box number
14	p32c1	General occupation	discrete	numeric-1.0	1440	0	General occupation
15	p32c3	Wage for male Ethiopian	continuous	numeric-8.0	1369	71	Wage for male Ethiopian
16	p32c4	Wage for female Ethiopian	continuous	numeric-8.0	954	486	Wage for female Ethiopian

File Wages_and_salaries_and_other_employee_benefits_paid_part32

#	Name	Label	Type	Format	Valid	Invalid	Question
17	p32c5	Wage for foreigners	continuous	numeric-8.0	18	1422	Wage for foreigners
18	p32c6	Wage total	continuous	numeric-8.0	1401	39	Wage total
19	p32c7	Commission, bonuses, proffional and hardship allowances	continuous	numeric-7.0	0	1440	Commission, bonuses, proffional and hardship allowances
20	p32c8	Actual cost of the establishmnet on food, lodging, medical and other benefits provided to employees free of charge	continuous	numeric-7.0	0	1440	Actual cost of the establishmnet on food, lodging, medical and other benefits provided to employees free of charge
21	p32c9	Establishments contribution on behalf of employees to pension, life and causality insurance schemes	continuous	numeric-7.0	0	1440	Establishments contribution on behalf of employees to pension, life and causality insurance schemes
22	p32c10	No of shifts	continuous	numeric-1.0	709	731	Number of shifts
23	p32c11	No of hours per day	continuous	numeric-2.0	704	736	Number of hours per day
24	p32c12	Months	continuous	numeric-2.0	702	738	Months
25	p32c13	No of workers per shift	continuous	numeric-5.0	706	734	Number of workers per shift

File Number_of_permanent_employees_by_basic_salary_group_part33

#	Name	Label	Type	Format	Valid	Invalid	Question
1	eid	Enterprise id	discrete	numeric-8.0	1308	0	Enterprise id
2	region	Region code	discrete	numeric-2.0	1308	0	Region code
3	zone	Zone code	discrete	numeric-2.0	1306	2	Zone code
4	wereda	Wereda code	discrete	numeric-2.0	910	398	Wereda code
5	town	Town code	discrete	numeric-2.0	1308	0	Town code
6	kefetgna	Kefetegna number	discrete	numeric-2.0	1130	178	Kefetegna number
7	kebele	Kebele number	discrete	numeric-2.0	1237	71	Kebele number
8	houseno	House number	discrete	numeric-4.0	918	390	House number
9	srefyear	Survey reference year	discrete	numeric-4.0	1308	0	Survey reference year
10	isic	International standard industrial classification (ISIC)	discrete	numeric-4.0	1308	0	International standard industrial classification (ISIC)
11	estabno	Establishment number	discrete	numeric-4.0	1308	0	Establishment number
12	phoneno	Telephone number	discrete	numeric-6.0	1236	72	Telephone number
13	pobox	P.O.Box number	discrete	numeric-5.0	1022	286	P.O.Box number
14	p33c1	Sex	discrete	numeric-1.0	1308	0	Sex of permanent employees
15	p33c3	Number of permanent employees with salary group under 75	continuous	numeric-5.0	135	1173	Number of permanent employees with salary group under 75
16	p33c4	Number of permanent employees with salary group between 75 and 105	continuous	numeric-5.0	332	976	Number of permanent employees with salary group between 75 and 105
17	p33c5	Number of permanent employees with salary	continuous	numeric-5.0	566	742	Number of permanent employees with salary group between 105 and 150

File Number_of_permanent_employees_by_basic_salary_group_part33							
#	Name	Label	Type	Format	Valid	Invalid	Question
		group between 105 and 150					
18	p33c6	Number of permanent employees with salary group between 150 and 200	continuous	numeric-5.0	720	588	Number of permanent employees with salary group between 150 and 200
19	p33c7	Number of permanent employees with salary group between 200 and 250	continuous	numeric-5.0	684	624	Number of permanent employees with salary group between 200 and 250
20	p33c8	Number of permanent employees with salary group between 250 and 300	continuous	numeric-5.0	633	675	Number of permanent employees with salary group between 250 and 300
21	p33c9	Number of permanent employees with salary group between 300 and 400	continuous	numeric-5.0	748	560	Number of permanent employees with salary group between 300 and 400
22	p33c10	Number of permanent employees with salary group between 400 and 500	continuous	numeric-5.0	619	689	Number of permanent employees with salary group between 400 and 500
23	p33c11	Number of permanent employees with salary group between 500 and 700	continuous	numeric-5.0	614	694	Number of permanent employees with salary group between 500 and 700
24	p33c12	Number of permanent employees with salary group between 700 and 1000	continuous	numeric-5.0	480	828	Number of permanent employees with salary group between 700 and 1000
25	p33c13	Number of permanent employees with salary group between 1000 and 1500	continuous	numeric-5.0	378	930	Number of permanent employees with salary group between 1000 and 1500
26	p33c14	Number of permanent employees with salary group between 1500 and 2000	continuous	numeric-5.0	191	1117	Number of permanent employees with salary group between 1500 and 2000
27	p33c15	Number of permanent employees with salary group over 2000	continuous	numeric-4.0	99	1209	Number of permanent employees with salary group over 2000
28	p33c16	Total number of permanent employees	continuous	numeric-5.0	1308	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	3055	0	Enterprise id
2	region	Region code	discrete	numeric-2.0	3055	0	Region code
3	zone	Zone code	discrete	numeric-2.0	3048	7	Zone code
4	wereda	Wereda code	discrete	numeric-2.0	1948	1107	Wereda code
5	town	Town code	discrete	numeric-2.0	3055	0	Town code
6	kefetgna	Kefetegna number	discrete	numeric-2.0	2655	400	Kefetegna number

File Products_and_by_products_part41

#	Name	Label	Type	Format	Valid	Invalid	Question
7	kebele	Kebele number	discrete	numeric-2.0	2902	153	Kebele number
8	houseno	House number	discrete	numeric-4.0	2064	991	House number
9	srefyear	Survey reference year	discrete	numeric-4.0	3055	0	Survey reference year
10	isic	International standard industrial classification (ISIC)	discrete	numeric-4.0	3055	0	International standard industrial classification (ISIC)
11	estabno	Establishment number	discrete	numeric-4.0	3055	0	Establishment number
12	phoneno	Telephone number	discrete	numeric-6.0	2868	187	Telephone number
13	pobox	P.O.Box number	discrete	numeric-5.0	2342	713	P.O.Box number
14	p41c1	Serial number for list of principal products	discrete	numeric-2.0	3055	0	Serial number for list of principal products
15	p41c4	Product code	discrete	numeric-5.0	3055	0	Product code
16	p41c5	Unit measurement code	discrete	numeric-2.0	1345	1710	Unit measurement code
17	p41c6	Average sales per unit	continuous	numeric-10.2	2695	360	Average sales per unit
18	p41c7	Quantity produced	continuous	numeric-9.0	2703	352	Quantity produced
19	p41c8	Value of production	continuous	numeric-9.0	2998	57	Value of production
20	p41c9	Total sales quantity	continuous	numeric-9.0	2687	368	Total sales quantity
21	p41c10	Total sales value	continuous	numeric-9.0	3029	26	Total sales value
22	p41c11	Exported sales quantity	continuous	numeric-9.0	52	3003	Exported sales quantity
23	p41c12	Exported sales value	continuous	numeric-9.0	54	3001	Exported sales value

File Value_of_stocks_part5

#	Name	Label	Type	Format	Valid	Invalid	Question
1	eid	Enterprise id	discrete	numeric-8.0	1196	0	Enterprise id
2	region	Region code	discrete	numeric-2.0	1196	0	Region code
3	zone	Zone code	discrete	numeric-2.0	1196	0	Zone code
4	wereda	Wereda code	discrete	numeric-2.0	778	418	Wereda code
5	town	Town code	discrete	numeric-2.0	1196	0	Town code
6	kefetgna	Kefetegna number	discrete	numeric-2.0	1033	163	Kefetegna number
7	kebele	Kebele number	discrete	numeric-2.0	1114	82	Kebele number
8	houseno	House number	discrete	numeric-4.0	761	435	House number
9	srefyear	Survey reference year	discrete	numeric-4.0	1196	0	Survey reference year
10	isic	International standard industrial classification (ISIC)	discrete	numeric-4.0	1196	0	International standard industrial classification (ISIC)
11	estabno	Establishment number	discrete	numeric-4.0	1196	0	Establishment number
12	phoneno	Telephone number	discrete	numeric-6.0	1130	66	Telephone number
13	pobox	P.O.Box number	discrete	numeric-5.0	972	224	P.O.Box number
14	p5c1	Type of stock	discrete	numeric-1.0	1196	0	Type of stock
15	p5c3	Stocks at the beginning of the year	continuous	numeric-11.0	1072	124	Stocks value at the beginning of the year

File Value_of_stocks_part5

#	Name	Label	Type	Format	Valid	Invalid	Question
16	p5c4	Stocks at the end of the year	continuous	numeric-9.0	1161	35	Stocks value at the end of the year
17	p5c5	Stocks difference (end - beginning)	continuous	numeric-9.0	1154	42	Stocks value difference (end - beginning)

File Cost_and_quantity_of_raw_materials_part61

#	Name	Label	Type	Format	Valid	Invalid	Question
1	eid	Enterprise id	discrete	numeric-8.0	4106	0	Enterprise id
2	region	Region code	discrete	numeric-2.0	4106	0	Region code
3	zone	Zone code	discrete	numeric-2.0	4100	6	Zone code
4	wereda	Wereda code	discrete	numeric-2.0	2743	1363	Wereda code
5	town	Town code	discrete	numeric-2.0	4106	0	Town code
6	kefetgna	Kefetegna number	discrete	numeric-2.0	3594	512	Kefetegna number
7	kebele	Kebele number	discrete	numeric-2.0	3913	193	Kebele number
8	housesno	House number	discrete	numeric-4.0	2858	1248	House number
9	srefyear	Survey reference year	discrete	numeric-4.0	4106	0	Survey reference year
10	isic	International standard industrial classification (ISIC)	discrete	numeric-4.0	4106	0	International standard industrial classification (ISIC)
11	estabno	Establishment number	discrete	numeric-4.0	4106	0	Establishment number
12	phoneno	Telephone number	discrete	numeric-6.0	3853	253	Telephone number
13	pobox	P.O.Box number	discrete	numeric-5.0	3170	936	P.O.Box number
14	p61c1	Serial number for list of principal raw materials	discrete	numeric-2.0	4106	0	Serial number for list of principal raw materials
15	p61c4	Raw material code	discrete	numeric-4.0	1740	2366	Raw material code
16	p61c5	Unit of measurement code for raw material	discrete	numeric-2.0	1745	2361	Unit of measurement code for raw material
17	p61c6	Local raw materials quantity	continuous	numeric-7.0	1953	2153	Local raw materials quantity
18	p61c7	Local raw materials value	continuous	numeric-9.0	2540	1566	Local raw materials value
19	p61c8	Imported raw materials quantity	continuous	numeric-7.0	1397	2709	Imported raw materials quantity
20	p61c9	Imported raw materials value	continuous	numeric-9.0	1869	2237	Imported raw materials value
21	p61c10	Value of total raw materials	continuous	numeric-7.0	3259	847	Value of total raw materials
22	p61c11	Value of total raw materials	continuous	numeric-9.0	4088	18	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	740	0	Enterprise id
2	region	Region code	discrete	numeric-2.0	740	0	Region code

File Other_industrial_costs_part62

#	Name	Label	Type	Format	Valid	Invalid	Question
3	zone	Zone code	discrete	numeric-2.0	737	3	Zone code
4	wereda	Wereda code	discrete	numeric-2.0	359	381	Wereda code
5	town	Town code	discrete	numeric-2.0	740	0	Town code
6	kefetgna	Kefetegna number	discrete	numeric-2.0	585	155	Kefetegna number
7	kebele	Kebele number	discrete	numeric-2.0	660	80	Kebele number
8	housesno	House number	discrete	numeric-4.0	439	301	House number
9	srefyear	Survey reference year	discrete	numeric-4.0	740	0	Survey reference year
10	isic	International standard industrial classification (ISIC)	discrete	numeric-4.0	740	0	International standard industrial classification (ISIC)
11	estabno	Establishment number	discrete	numeric-4.0	740	0	Establishment number
12	phoneno	Telephone number	discrete	numeric-6.0	686	54	Telephone number
13	pobox	P.O.Box number	discrete	numeric-5.0	551	189	P.O.Box number
14	p62c1	Serial number for list of other industrial costs	discrete	numeric-1.0	740	0	Serial number for list of other industrial costs
15	p62c4	Unit measurment	discrete	numeric-2.0	282	458	Unit measurment
16	p62c5	Quantity of other inputs	continuous	numeric-9.0	618	122	Quantity of other inputs
17	p62c6	Value of fuel and lubricating oil	continuous	numeric-9.0	737	3	Value of fuel and lubricating oil

File Type_and_value_of_fixed_assets_part71

#	Name	Label	Type	Format	Valid	Invalid	Question
1	eid	Enterprise id	discrete	numeric-8.0	2416	0	Enterprise id
2	region	Region code	discrete	numeric-2.0	2416	0	Region code
3	zone	Zone code	discrete	numeric-2.0	2413	3	Zone code
4	wereda	Wereda code	discrete	numeric-2.0	1557	859	Wereda code
5	town	Town code	discrete	numeric-2.0	2416	0	Town code
6	kefetgna	Kefetegna number	discrete	numeric-2.0	2049	367	Kefetegna number
7	kebele	Kebele number	discrete	numeric-2.0	2251	165	Kebele number
8	housesno	House number	discrete	numeric-4.0	1593	823	House number
9	srefyear	Survey reference year	discrete	numeric-4.0	2416	0	Survey reference year
10	isic	International standard industrial classification (ISIC)	discrete	numeric-4.0	2416	0	International standard industrial classification (ISIC)
11	estabno	Establishment number	discrete	numeric-4.0	2416	0	Establishment number
12	phoneno	Telephone number	discrete	numeric-6.0	2276	140	Telephone number
13	pobox	P.O.Box number	discrete	numeric-5.0	1903	513	P.O.Box number
14	p71c1	Type of fixed assets	discrete	numeric-1.0	2416	0	Type of fixed assets
15	p71c3	Book value of the fixed assets at beginning of the year	continuous	numeric-9.0	2365	51	Book value of the fixed assets at beginning of the year

File Type_and_value_of_fixed_assets_part71

#	Name	Label	Type	Format	Valid	Invalid	Question
16	p71c4	Investment for purchase and capital repair of fixed assets	continuous	numeric-9.0	690	1726	Investment for purchase and capital repair of fixed assets
17	p71c5	Sold and disposed during the year	continuous	numeric-8.0	99	2317	Sold and disposed during the year
18	p71c6	Depreciation during the year	continuous	numeric-8.0	2242	174	Depreciation during the year
19	p71c7	Book value of the fixed assets at end of the year	continuous	numeric-9.0	2408	8	Book value of the fixed assets at end of the year

File Annual_investment_by_type_and_source_part72

#	Name	Label	Type	Format	Valid	Invalid	Question
1	eid	Enterprise id	discrete	numeric-8.0	1359	0	Enterprise id
2	region	Region code	discrete	numeric-2.0	1359	0	Region code
3	zone	Zone code	discrete	numeric-2.0	1357	2	Zone code
4	wereda	Wereda code	discrete	numeric-2.0	885	474	Wereda code
5	town	Town code	discrete	numeric-2.0	1359	0	Town code
6	kefetgna	Kefetegna number	discrete	numeric-2.0	1160	199	Kefetegna number
7	kebele	Kebele number	discrete	numeric-2.0	1281	78	Kebele number
8	houseno	House number	discrete	numeric-4.0	942	417	House number
9	srefyear	Survey reference year	discrete	numeric-4.0	1359	0	Survey reference year
10	isic	International standard industrial classification (ISIC)	discrete	numeric-4.0	1359	0	International standard industrial classification (ISIC)
11	estabno	Establishment number	discrete	numeric-4.0	1359	0	Establishment number
12	phoneno	Telephone number	discrete	numeric-6.0	1291	68	Telephone number
13	pobox	P.O.Box number	discrete	numeric-5.0	1054	305	P.O.Box number
14	p72c1	Source of financing	discrete	numeric-1.0	1359	0	Source of financing
15	p72c3	Investment on fixed assets	continuous	numeric-9.0	663	696	Investment on fixed assets in Birr
16	p72c4	Working capital	continuous	numeric-9.0	1162	197	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	2835	0	Enterprise id
2	region	Region code	discrete	numeric-2.0	2835	0	Region code
3	zone	Zone code	discrete	numeric-2.0	2828	7	Zone code
4	wereda	Wereda code	discrete	numeric-2.0	1809	1026	Wereda code
5	town	Town code	discrete	numeric-2.0	2835	0	Town code
6	kefetgna	Kefetegna number	discrete	numeric-2.0	2485	350	Kefetegna number
7	kebele	Kebele number	discrete	numeric-2.0	2709	126	Kebele number
8	houseno	House number	discrete	numeric-4.0	1971	864	House number
9	srefyear	Survey reference year	discrete	numeric-4.0	2835	0	Survey reference year

File Annual_production_at_full_capacity_part81

#	Name	Label	Type	Format	Valid	Invalid	Question
10	isic	International standard industrial classification (ISIC)	discrete	numeric-4.0	2835	0	International standard industrial classification (ISIC)
11	estabno	Establishment number	discrete	numeric-4.0	2835	0	Establishment number
12	phoneno	Telephone number	discrete	numeric-6.0	2662	173	Telephone number
13	pobox	P.O.Box number	discrete	numeric-5.0	2177	658	P.O.Box number
14	p81c1	Serial number for products description	discrete	numeric-2.0	2835	0	Serial number for products description
15	p81c4	Product code	discrete	numeric-5.0	2835	0	Product code that would be produced if the establishment operate at full capacity
16	p81c5	Unit measurment	discrete	numeric-2.0	1219	1616	Unit measurment of quantity of product
17	p81c6	Quantity of product that can be produced annually	continuous	numeric-11.0	2603	232	Quantity of product that can be produced annually at full capacity
18	p81c7	Value of production at market price	continuous	numeric-11.0	2834	1	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	3164	0	Enterprise id
2	region	Region code	discrete	numeric-2.0	3164	0	Region code
3	zone	Zone code	discrete	numeric-2.0	3158	6	Zone code
4	wereda	Wereda code	discrete	numeric-2.0	2143	1021	Wereda code
5	town	Town code	discrete	numeric-2.0	3164	0	Town code
6	kefetgna	Kefetegna number	discrete	numeric-2.0	2773	391	Kefetegna number
7	kebele	Kebele number	discrete	numeric-2.0	3029	135	Kebele number
8	houseno	House number	discrete	numeric-4.0	2280	884	House number
9	srefyear	Survey reference year	discrete	numeric-4.0	3164	0	Survey reference year
10	isic	International standard industrial classification (ISIC)	discrete	numeric-4.0	3164	0	International standard industrial classification (ISIC)
11	estabno	Establishment number	discrete	numeric-4.0	3164	0	Establishment number
12	phoneno	Telephone number	discrete	numeric-6.0	2973	191	Telephone number
13	pobox	P.O.Box number	discrete	numeric-5.0	2424	740	P.O.Box number
14	p82c1	Serial number for raw material list	discrete	numeric-1.0	3164	0	Serial number for raw material list
15	p82c4	Raw material code	discrete	numeric-4.0	3164	0	Raw material code
16	p82c5	Unit of measurment	discrete	numeric-2.0	1521	1643	Unit of measurment of quantiy of raw material
17	p82c6	Quantity of local raw materials	continuous	numeric-9.0	1600	1564	Quantity of local raw materials
18	p82c7	Value of local raw materials	continuous	numeric-9.0	2010	1154	Value of local raw materials

File Estimate_value_and_quantity_of_raw_materials_needed_at_full_capacity_part82							
#	Name	Label	Type	Format	Valid	Invalid	Question
19	p82c8	Quantity of imported raw materials	continuous	numeric-9.0	1064	2100	Quantity of imported raw materials
20	p82c9	Value of imported raw materials	continuous	numeric-9.0	1420	1744	Value of imported raw materials
21	p82c10	Total quantity of estimated raw materials	continuous	numeric-9.0	2590	574	Total quantity of estimated raw materials
22	p82c11	Total value of estimated raw materials	continuous	numeric-9.0	3156	8	Total value of estimated raw materials

Variables Description

Dataset contains 369 variable(s)

File Dataset_at_establishment_level_for_1990(1997-1998)			
#1 eid: Enterprise id			
Information	[Type= discrete] [Format=numeric] [Range= 15110002-36102837] [Missing=*]		
Statistics [NW/ W]	[Valid=725 /-] [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=725 /-] [Invalid=0 /-]		
Literal question	Region code		
Value	Label	Cases	Percentage
1	TIGRAY	28	<div><div></div></div> 3.9%
2	AFAR	2	<div><div></div></div> 0.3%
3	AMHARA	43	<div><div></div></div> 5.9%
4	OROMIA	94	<div><div></div></div> 13.0%
5	SOMALIE	1	<div><div></div></div> 0.1%
6	BENSHANGUL	0	<div><div></div></div> 0.0%
7	S.N.N.P.R.	54	<div><div></div></div> 7.4%
12	GAMBELA	1	<div><div></div></div> 0.1%
13	HARARI	7	<div><div></div></div> 1.0%
14	ADDIS ABABA	476	<div><div></div></div> 65.7%
15	DIRE DAWA	19	<div><div></div></div> 2.6%
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 zone: Zone code			
Information	[Type= discrete] [Format=numeric] [Range= 1-71] [Missing=*]		
Statistics [NW/ W]	[Valid=724 /-] [Invalid=1 /-]		
Literal question	Zone code		
#4 wereda: Wereda code			
Information	[Type= discrete] [Format=numeric] [Range= 1-87] [Missing=*]		
Statistics [NW/ W]	[Valid=485 /-] [Invalid=240 /-]		
Literal question	Wereda code		
#5 town: Town code			
Information	[Type= discrete] [Format=numeric] [Range= 1-106] [Missing=*]		
Statistics [NW/ W]	[Valid=725 /-] [Invalid=0 /-]		
Literal question	Town code		
Frequency table not shown (105 Modalities)			
#6 kefetgna: Kefetegna number			
Information	[Type= discrete] [Format=numeric] [Range= 1-65] [Missing=*]		
Statistics [NW/ W]	[Valid=624 /-] [Invalid=101 /-]		

File Dataset_at_establishment_level_for_1990(1997-1998)

#6 kefetgna: Kefetegna number

Literal question	Kefetegna number
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#7 kebele: Kebele number

Information	[Type= discrete] [Format=numeric] [Range= 1-88] [Missing=*]
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Statistics [NW/ W]	[Valid=686 /-] [Invalid=39 /-]
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Literal question	Kebele number
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#8 houseno: House number

Information	[Type= discrete] [Format=numeric] [Range= 0-4858] [Missing=*]
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Statistics [NW/ W]	[Valid=511 /-] [Invalid=214 /-]
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Literal question	House number
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#9 srefyear: Survey reference year

Information	[Type= discrete] [Format=numeric] [Range= 1990-1990] [Missing=*]
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Statistics [NW/ W]	[Valid=725 /-] [Invalid=0 /-]
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Literal question	Survey reference year
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Value	Label	Cases	Percentage
1990	1990 (1997/1998)	725	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=*]
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Statistics [NW/ W]	[Valid=725 /-] [Invalid=0 /-]
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Literal question	International standard industrial classification (ISIC)
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Value	Label	Cases	Percentage
1511	Production, processing and preserving of meat, fruit and veg	7	1.0%
1514	manufacture of edible oil	32	4.4%
1520	Manufacture of dairy products	1	0.1%
1531	Manufacture of flour	39	5.4%
1533	Manufacture of animal feed	4	0.6%
1541	manufacture of bakery	79	10.9%
1542	Manufacture of sugar and confecionary	8	1.1%
1544	manufacture of pasta and macaroni	4	0.6%
1549	Manufacture of food NEC	11	1.5%
1551	Distiling rectifying and blending of spirit	7	1.0%
1552	Manufacture of wine	1	0.1%
1553	Malt liquores and malt	5	0.7%
1554	Manufacture of soft drinks	7	1.0%
1600	Manufacture of tobacco	1	0.1%
1710	spining , weaving and finishing	21	2.9%
1723	Manufacture of cordage rope and twine	2	0.3%
1730	Kniting mills	9	1.2%
1810	manufacture of wearing apparal except fur	26	3.6%
1910	Tanning and dressing of leather	11	1.5%
1920	manufacture of footwear	46	6.3%

File Dataset_at_establishment_level_for_1990(1997-1998)

#10 isic: International standard industrial classification (ISIC)

Value	Label	Cases	Percentage
2000	Manufacture wood and wood products	16	2.2%
2100	Manufacture of paper and paper products	8	1.1%
2200	Publishing and printing services	45	6.2%
2411	Manufacture of basic chemicals except fertilizers	4	0.6%
2422	Manufacture of paints varnishes	7	1.0%
2423	Manufacture of pharmaceuticals, medicinal	3	0.4%
2424	Manufacture of soap detergents, perfumes..	22	3.0%
2429	Manufacture of chemical productsNEC	5	0.7%
2510	Manufacture of rubber	5	0.7%
2520	Manufacture of plastics	21	2.9%
2610	Manufacture of glass and glass products	2	0.3%
2693	Manufacture of structural clay products	5	0.7%
2694	Manufacture of cement ,lime and plaster	9	1.2%
2695	Manufacture of articles of concrete, cement	56	7.7%
2699	Manufacture of non-metalic NEC	8	1.1%
2710	Manufacture of basic iron and steel	6	0.8%
2811	Manufacture of structural metal products	24	3.3%
2892	Manufacture of cuttlery hand tools....	1	0.1%
2893	Manufacture of other fabricated metal products	7	1.0%
2899	Manufacture of pumps,compressors, valves and taps	7	1.0%
2914	Manufacture of ovens	4	0.6%
2919		2	0.3%
2925	Manufacture of other general purpose machinery	10	1.4%
2929		1	0.1%
3140	Manufacture of batteries	2	0.3%
3420	manufacture of bodies for motor vehicles	8	1.1%
3430	manufacture of parts and accessories	2	0.3%
3610	Manufacture of furniture	114	15.7%

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.

#11 estabno: Establishment number

Information	[Type= discrete] [Format=numeric] [Range= 1-9999] [Missing=*]
Statistics [NW/ W]	[Valid=725 /-] [Invalid=0 /-]
Literal question	Establishment number

#12 phoneno: Telephone number

Information	[Type= discrete] [Format=numeric] [Range= 1-812516] [Missing=*]
Statistics [NW/ W]	[Valid=680 /-] [Invalid=45 /-]
Literal question	Telephone number

#13 pobox: P.O.Box number

Information	[Type= discrete] [Format=numeric] [Range= 1-90319] [Missing=*]
Statistics [NW/ W]	[Valid=551 /-] [Invalid=174 /-]
Literal question	P.O.Box number

File Dataset_at_establishment_level_for_1990(1997-1998)

#14 hregion: Region code for head office

Information	[Type= discrete] [Format=numeric] [Range= 0-15] [Missing=*]
Statistics [NW/ W]	[Valid=52 /-] [Invalid=673 /-]
Pre-question	If address of head office separate from factory
Literal question	Region code for head office

Value	Label	Cases	Percentage
0		1	1.9%
1	TIGRAY	1	1.9%
2	AFAR	0	0.0%
3	AMHARA	0	0.0%
4	OROMIA	1	1.9%
5	SOMALIE	0	0.0%
6	BENSHANGUL	0	0.0%
7	S.N.N.P.R.	0	0.0%
12	GAMBELA	0	0.0%
13	HARARI	0	0.0%
14	ADDIS ABABA	49	94.2%
15	DIRE DAWA	0	0.0%
Sysmiss		673	

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 hzone: Zone code for head office

Information	[Type= discrete] [Format=numeric] [Range= 0-70] [Missing=*]
Statistics [NW/ W]	[Valid=48 /-] [Invalid=677 /-]
Pre-question	If address of head office separate from factory
Literal question	Zone code for head office

#16 hwereda: Wereda code for head office

Information	[Type= discrete] [Format=numeric] [Range= 0-27] [Missing=*]
Statistics [NW/ W]	[Valid=49 /-] [Invalid=676 /-]
Pre-question	If address of head office separate from factory
Literal question	Wereda code for head office

#17 htown: Town code for head office

Information	[Type= discrete] [Format=numeric] [Range= 0-67] [Missing=*]
Statistics [NW/ W]	[Valid=49 /-] [Invalid=676 /-]
Pre-question	If address of head office separate from factory
Literal question	Town code for head office

#18 hkeftgna: Kefetegna number of head office

Information	[Type= discrete] [Format=numeric] [Range= 0-27] [Missing=*]
Statistics [NW/ W]	[Valid=49 /-] [Invalid=676 /-]
Pre-question	If address of head office separate from factory
Literal question	Kefetegna number of head office

File Dataset_at_establishment_level_for_1990(1997-1998)

#19 hkebele: Kebele number of head office

Information	[Type= discrete] [Format=numeric] [Range= 0-55] [Missing=*]
Statistics [NW/ W]	[Valid=49 /-] [Invalid=676 /-]
Pre-question	If address of head office separate from factory
Literal question	Kebele number of head office

#20 hhouseeno: House number of head office

Information	[Type= discrete] [Format=numeric] [Range= 0-8827] [Missing=*]
Statistics [NW/ W]	[Valid=33 /-] [Invalid=692 /-]
Pre-question	If address of head office separate from factory
Literal question	House number of head office

#21 hphoneno: Telephone of head office

Information	[Type= discrete] [Format=numeric] [Range= 0-810071] [Missing=*]
Statistics [NW/ W]	[Valid=58 /-] [Invalid=667 /-]
Pre-question	If address of head office separate from factory
Literal question	Telephone of head office

#22 hpobox: P.O.Box of head office

Information	[Type= discrete] [Format=numeric] [Range= 0-71118] [Missing=*]
Statistics [NW/ W]	[Valid=42 /-] [Invalid=683 /-]
Pre-question	If address of head office separate from factory
Literal question	P.O.Box of head office

#23 p2q2: Number of establishment

Information	[Type= continuous] [Format=numeric] [Range= 1-7] [Missing=*]
Statistics [NW/ W]	[Valid=56 /-] [Invalid=669 /-] [Mean=1.464 /-] [StdDev=0.972 /-]
Literal question	If multi-establishment enterprise, number of establishment

#24 p2q3m: Month of commencement

Information	[Type= continuous] [Format=numeric] [Range= 1-12] [Missing=*]
Statistics [NW/ W]	[Valid=607 /-] [Invalid=118 /-] [Mean=5.743 /-] [StdDev=3.538 /-]
Literal question	Month of commencement of operation (in Ethiopian calendar year)

#25 p2q3y: Year of commencement

Information	[Type= continuous] [Format=numeric] [Range= 1914-1990] [Missing=*]
Statistics [NW/ W]	[Valid=725 /-] [Invalid=0 /-] [Mean=1976.179 /-] [StdDev=13.67 /-]
Literal question	Year of commencement of operation (in Ethiopian calendar year)

#26 p2q4: Keep books of accounts

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=725 /-] [Invalid=0 /-]
Literal question	Do you keep books of accounts ? (if yes attach detailed statement of accounts)

Value	Label	Cases	Percentage
1	Yes	391	53.9%
2	No	334	46.1%

File Dataset_at_establishment_level_for_1990(1997-1998)

#26 p2q4: Keep books of accounts

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 p2q5: Type of calendar for accounts and books are being kept

Information	[Type= discrete] [Format=numeric] [Range= 1-4] [Missing=*]
Statistics [NW/ W]	[Valid=391 /-] [Invalid=334 /-]
Pre-question	If the answer is yes for "Do you keep books of accounts ?"
Literal question	State according to which calendar year your accounts and books are being kept

Value	Label	Cases	Percentage
1	Ethiopian fiscal year (ending July 7)	361	92.3%
2	Ethiopian calendar (ending Sept. 10)	3	0.8%
3	Gregorian calendar (ending Dec. 31)	20	5.1%
4	Other	7	1.8%
Sysmiss		334	

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 p2q6: Type of ownership

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=725 /-] [Invalid=0 /-]
Literal question	Type of ownership of the establishment

Value	Label	Cases	Percentage
1	Private or co-operative	584	80.6%
2	Public	140	19.3%
3	Public or private	1	0.1%

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.

#29 p2q7: Legal form of the establishment

Information	[Type= discrete] [Format=numeric] [Range= 1-7] [Missing=*]
Statistics [NW/ W]	[Valid=585 /-] [Invalid=140 /-]
Pre-question	If the answer for "Type of ownership of the establishment" is code 1 or 3 (if private share is >= 51%)
Literal question	What is the legal form of organization ?

Value	Label	Cases	Percentage
1	Individual proprietor	365	62.4%
2	Partnership	41	7.0%
3	Share company	19	3.2%
4	Private limited company	134	22.9%
5	Co-operative	17	2.9%
6	Joint venture	9	1.5%
7	Others	0	0.0%
Sysmiss		140	

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 p2q8m: Number of male owners

Information	[Type= continuous] [Format=numeric] [Range= 1-71] [Missing=*]
Statistics [NW/ W]	[Valid=509 /-] [Invalid=216 /-] [Mean=2.369 /-] [StdDev=5.972 /-]
Pre-question	If answered for "What is the legal form of organization ?"

File Dataset_at_establishment_level_for_1990(1997-1998)

#30 p2q8m: Number of male owners

Literal question	Number of male owners of the establishments
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#31 p2q8f: Number of female owners

Information	[Type= continuous] [Format=numeric] [Range= 1-28] [Missing=*]
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Statistics [NW/ W]	[Valid=187 /-] [Invalid=538 /-] [Mean=1.882 /-] [StdDev=2.492 /-]
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Pre-question	If answered for "What is the legal form of organization ?"
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Literal question	Number of female owners of the establishments
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#32 p2q8t: Total number of owners

Information	[Type= continuous] [Format=numeric] [Range= 1-99] [Missing=*]
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Statistics [NW/ W]	[Valid=566 /-] [Invalid=159 /-] [Mean=2.756 /-] [StdDev=6.739 /-]
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Pre-question	If answered for "What is the legal form of organization ?"
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Literal question	Number of owners of the establishments
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#33 p2q9meth: Initial paid-up capital (private Ethiopian male)

Information	[Type= continuous] [Format=numeric] [Range= 3000-140000000] [Missing=*]
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Statistics [NW/ W]	[Valid=497 /-] [Invalid=228 /-] [Mean=2140471.883 /-] [StdDev=7990066.941 /-]
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Literal question	Initial paid-up capital (private Ethiopian male) in Birr
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#34 p2q9feth: Initial paid-up capital (private Ethiopian female)

Information	[Type= continuous] [Format=numeric] [Range= 2000-25366645] [Missing=*]
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Statistics [NW/ W]	[Valid=161 /-] [Invalid=564 /-] [Mean=962059.652 /-] [StdDev=2425092.042 /-]
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Literal question	Initial paid-up capital (private Ethiopian female) in Birr
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#35 p2q9neth: Initial paid-up capital (private non-Ethiopian)

Information	[Type= continuous] [Format=numeric] [Range= 30000-59383149] [Missing=*]
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Statistics [NW/ W]	[Valid=20 /-] [Invalid=705 /-] [Mean=7243689.35 /-] [StdDev=16615493.55 /-]
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Literal question	Initial paid-up capital (private non-Ethiopian) in Birr
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#36 p2q9pub: Initial paid-up capital (public)

Information	[Type= continuous] [Format=numeric] [Range= 1684-333216786] [Missing=*]
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Statistics [NW/ W]	[Valid=135 /-] [Invalid=590 /-] [Mean=17382366.919 /-] [StdDev=39435102.953 /-]
---------------------------	---

Literal question	Initial paid-up capital (public) in Birr
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#37 p2q9oth: Initial paid-up capital (other)

Information	[Type= continuous] [Format=numeric] [Range= 40611-200000000] [Missing=*]
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Statistics [NW/ W]	[Valid=22 /-] [Invalid=703 /-] [Mean=11493034.455 /-] [StdDev=42406615.548 /-]
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Literal question	Initial paid-up capital (other) in Birr
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#38 p2q9tot: Total initial paid-up capital

Information	[Type= continuous] [Format=numeric] [Range= 3000-333216786] [Missing=*]
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Statistics [NW/ W]	[Valid=714 /-] [Invalid=11 /-] [Mean=5550484.887 /-] [StdDev=20915007.074 /-]
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Literal question	Total initial paid-up capital in Birr
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#39 p2q10: Number of months the establishment operated during the survey reference year

Information	[Type= continuous] [Format=numeric] [Range= 1-12] [Missing=*]
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Statistics [NW/ W]	[Valid=724 /-] [Invalid=1 /-] [Mean=10.548 /-] [StdDev=2.523 /-]
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File Dataset_at_establishment_level_for_1990(1997-1998)

#39 p2q10: Number of months the establishment operated during the survey reference year

Literal question Number of months the establishment operated

#40 p2q11a: First major problem prevented the establishment operating full year

Information [Type= discrete] [Format=numeric] [Range= 1-9] [Missing=*]

Statistics [NW/ W] [Valid=237 /-] [Invalid=488 /-]

Literal question What were the three major problems prevented you from operating full year

Value	Label	Cases	Percentage
1	Shortage of raw materials	59	24.9%
2	Shortage of spare parts	7	3.0%
3	Shortage of foreign exchange	0	0.0%
4	Getting market or customers	93	39.2%
5	Lack of working capital	12	5.1%
6	Shortage of electric and water supply	10	4.2%
7	Repeated breakage of machinery	13	5.5%
8	Government rules and regulations	4	1.7%
9	Others	39	16.5%
Sysmiss		488	

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.

#41 p2q11b: Second major problem prevented the establishment operating full year

Information [Type= discrete] [Format=numeric] [Range= 1-9] [Missing=*]

Statistics [NW/ W] [Valid=160 /-] [Invalid=565 /-]

Literal question What were the three major problems prevented you from operating full year

Value	Label	Cases	Percentage
1	Shortage of raw materials	28	17.5%
2	Shortage of spare parts	11	6.9%
3	Shortage of foreign exchange	3	1.9%
4	Getting market or customers	32	20.0%
5	Lack of working capital	24	15.0%
6	Shortage of electric and water supply	22	13.8%
7	Repeated breakage of machinery	15	9.4%
8	Government rules and regulations	7	4.4%
9	Others	18	11.2%
Sysmiss		565	

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.

#42 p2q11c: Third major problem prevented the establishment operating full year

Information [Type= discrete] [Format=numeric] [Range= 1-9] [Missing=*]

Statistics [NW/ W] [Valid=99 /-] [Invalid=626 /-]

Literal question What were the three major problems prevented you from operating full year

Value	Label	Cases	Percentage
1	Shortage of raw materials	13	13.1%
2	Shortage of spare parts	7	7.1%
3	Shortage of foreign exchange	2	2.0%
4	Getting market or customers	8	8.1%

File Dataset_at_establishment_level_for_1990(1997-1998)

#42 p2q11c: Third major problem prevented the establishment operating full year

Value	Label	Cases	Percentage
5	Lack of working capital	12	12.1%
6	Shortage of electric and water supply	21	21.2%
7	Repeated breakage of machinery	12	12.1%
8	Government rules and regulations	14	14.1%
9	Others	10	10.1%
Sysmiss		626	

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.

#43 p2q12: Ownership of non-residential buildings

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=725 /-] [Invalid=0 /-]
Literal question	Ownership of non-residential buildings

Value	Label	Cases	Percentage
1	Private	545	75.2%
2	Rented	169	23.3%
3	Other	11	1.5%

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.

#44 p2q13: Source of non-residential buildings

Information	[Type= discrete] [Format=numeric] [Range= 1-4] [Missing=*]
Statistics [NW/ W]	[Valid=543 /-] [Invalid=182 /-]
Pre-question	If answer for "Ownership of non-residential buildings" is code 1
Literal question	What was the source of ownership ?

Value	Label	Cases	Percentage
1	Inherited	86	15.8%
2	Provided free	19	3.5%
3	Cocstructed by the establishmment	428	78.8%
4	Other	10	1.8%
Sysmiss		182	

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.

#45 p31c3t: Total number of male Ethiopian employees for the month September (Meskerem)

Information	[Type= continuous] [Format=numeric] [Range= 1-3068] [Missing=*]
Statistics [NW/ W]	[Valid=699 /-] [Invalid=26 /-] [Mean=76.97 /-] [StdDev=225.854 /-]
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)

#46 p31c4t: Total number of female Ethiopian employees for the month September (Meskerem)

Information	[Type= continuous] [Format=numeric] [Range= 1-2483] [Missing=*]
Statistics [NW/ W]	[Valid=622 /-] [Invalid=103 /-] [Mean=43.259 /-] [StdDev=163.747 /-]
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)

#47 p31c5t: Total number of foreigner employees for the month September (Meskerem)

Information	[Type= continuous] [Format=numeric] [Range= 1-7] [Missing=*]
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File Dataset_at_establishment_level_for_1990(1997-1998)	
#47 p31c5t: Total number of foreigner employees for the month September (Meskerem)	
Statistics [NW/ W]	[Valid=24 /-] [Invalid=701 /-] [Mean=1.833 /-] [StdDev=1.404 /-]
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)
#48 p31c6t: Total number of male Ethiopian employees for the month December (Tahisas)	
Information	[Type= continuous] [Format=numeric] [Range= 1-3063] [Missing=*]
Statistics [NW/ W]	[Valid=710 /-] [Invalid=15 /-] [Mean=76.265 /-] [StdDev=223.669 /-]
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)
#49 p31c7t: Total number of female Ethiopian employees for the month December (Tahisas)	
Information	[Type= continuous] [Format=numeric] [Range= 1-2461] [Missing=*]
Statistics [NW/ W]	[Valid=632 /-] [Invalid=93 /-] [Mean=42.492 /-] [StdDev=161.174 /-]
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)
#50 p31c8t: Total number of foreigner employees for the month December (Tahisas)	
Information	[Type= continuous] [Format=numeric] [Range= 1-7] [Missing=*]
Statistics [NW/ W]	[Valid=24 /-] [Invalid=701 /-] [Mean=1.875 /-] [StdDev=1.393 /-]
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)
#51 p31c9t: Total number of male Ethiopian employees for the month March (Megabit)	
Information	[Type= continuous] [Format=numeric] [Range= 1-3074] [Missing=*]
Statistics [NW/ W]	[Valid=719 /-] [Invalid=6 /-] [Mean=76.889 /-] [StdDev=220.879 /-]
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)
#52 p31c10t: Total number of female Ethiopian employees for the month March (Megabit)	
Information	[Type= continuous] [Format=numeric] [Range= 1-2445] [Missing=*]
Statistics [NW/ W]	[Valid=641 /-] [Invalid=84 /-] [Mean=43.462 /-] [StdDev=164.654 /-]
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 March (Megabit)
#53 p31c11t: Total number of foreigner employees for the month March (Megabit)	
Information	[Type= continuous] [Format=numeric] [Range= 1-7] [Missing=*]
Statistics [NW/ W]	[Valid=26 /-] [Invalid=699 /-] [Mean=1.885 /-] [StdDev=1.423 /-]
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)
#54 p31c12t: Total number of male Ethiopian employees for the month June (Sene)	
Information	[Type= continuous] [Format=numeric] [Range= 1-2995] [Missing=*]
Statistics [NW/ W]	[Valid=723 /-] [Invalid=2 /-] [Mean=75.927 /-] [StdDev=217.921 /-]
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)

File Dataset_at_establishment_level_for_1990(1997-1998)	
#55 p31c13t: Total number of female Ethiopian employees for the month June (Sene)	
Information	[Type= continuous] [Format=numeric] [Range= 1-2417] [Missing=*]
Statistics [NW/ W]	[Valid=645 /-] [Invalid=80 /-] [Mean=42.05 /-] [StdDev=158.509 /-]
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)
#56 p31c14t: Total number of foreigner employees for the month June (Sene)	
Information	[Type= continuous] [Format=numeric] [Range= 1-7] [Missing=*]
Statistics [NW/ W]	[Valid=26 /-] [Invalid=699 /-] [Mean=1.846 /-] [StdDev=1.377 /-]
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)
#57 p32c3t: Total wage for male Ethiopian	
Information	[Type= continuous] [Format=numeric] [Range= 360-17769926] [Missing=*]
Statistics [NW/ W]	[Valid=707 /-] [Invalid=18 /-] [Mean=434891.815 /-] [StdDev=1282843.42 /-]
Definition	This variable is part of section 3.2 (Wages and Salaries and Other Employee Benefits Paid) of the questionnaire
Literal question	Total wage for male Ethiopian
#58 p32c4t: Total wage for female Ethiopian	
Information	[Type= continuous] [Format=numeric] [Range= 448-7356705] [Missing=*]
Statistics [NW/ W]	[Valid=607 /-] [Invalid=118 /-] [Mean=182635.603 /-] [StdDev=567939.919 /-]
Definition	This variable is part of section 3.2 (Wages and Salaries and Other Employee Benefits Paid) of the questionnaire
Literal question	Total wage for female Ethiopian
#59 p32c5t: Total wage for foreigners	
Information	[Type= continuous] [Format=numeric] [Range= 6000-255312] [Missing=*]
Statistics [NW/ W]	[Valid=16 /-] [Invalid=709 /-] [Mean=68552.688 /-] [StdDev=66821.023 /-]
Definition	This variable is part of section 3.2 (Wages and Salaries and Other Employee Benefits Paid) of the questionnaire
Literal question	Total wage for foreigners
#60 p32c6t: Wage total	
Information	[Type= continuous] [Format=numeric] [Range= 360-18466662] [Missing=*]
Statistics [NW/ W]	[Valid=712 /-] [Invalid=13 /-] [Mean=589080.291 /-] [StdDev=1679140.013 /-]
Definition	This variable is part of section 3.2 (Wages and Salaries and Other Employee Benefits Paid) of the questionnaire
Literal question	Wage total
#61 p32c7t: Commission, bonuses, proffional and hardship allowance	
Information	[Type= continuous] [Format=numeric] [Range= 100-3081878] [Missing=*]
Statistics [NW/ W]	[Valid=244 /-] [Invalid=481 /-] [Mean=125802.75 /-] [StdDev=315944.159 /-]
Definition	This variable is part of section 3.2 (Wages and Salaries and Other Employee Benefits Paid) of the questionnaire
Literal question	Commission, bonuses, proffional and hardship allowance
#62 p32c8t: Actual cost of the establishmnet on food, lodging, medical and other benefits provided to employees free of charge	
Information	[Type= continuous] [Format=numeric] [Range= 15-1927529] [Missing=*]
Statistics [NW/ W]	[Valid=356 /-] [Invalid=369 /-] [Mean=77404.587 /-] [StdDev=199439.517 /-]

File Dataset_at_establishment_level_for_1990(1997-1998)	
#62 p32c8t: Actual cost of the establishmnet on food, lodging, medical and other benefits provided to employees free of charge	
Definition	This variable is part of section 3.2 (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
#63 p32c9t: Establishment's contribution on behalf of employees to pension, life and casualty insurance schemes	
Information	[Type= continuous] [Format=numeric] [Range= 250-1121787] [Missing=*]
Statistics [NW/ W]	[Valid=223 /-] [Invalid=502 /-] [Mean=110507.978 /-] [StdDev=172068.708 /-]
Definition	This variable is part of section 3.2 (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
#64 p33c3t: Total number of permanent employees with salary group under 75	
Information	[Type= continuous] [Format=numeric] [Range= 1-166] [Missing=*]
Statistics [NW/ W]	[Valid=113 /-] [Invalid=612 /-] [Mean=5.124 /-] [StdDev=15.946 /-]
Definition	This variable is part of section 3.3 (Number of Permanent Employees by Basic Salary Group) of the questionnaire
Literal question	Total number of permanent employees with salary group under 75
#65 p33c4t: Total number of permanent employees with salary group between 75 and 105	
Information	[Type= continuous] [Format=numeric] [Range= 1-108] [Missing=*]
Statistics [NW/ W]	[Valid=252 /-] [Invalid=473 /-] [Mean=4.683 /-] [StdDev=9.803 /-]
Definition	This variable is part of section 3.3 (Number of Permanent Employees by Basic Salary Group) of the questionnaire
Literal question	Total number of permanent employees with salary group between 75 and 105
#66 p33c5t: Total number of permanent employees with salary group between 105 and 150	
Information	[Type= continuous] [Format=numeric] [Range= 1-737] [Missing=*]
Statistics [NW/ W]	[Valid=395 /-] [Invalid=330 /-] [Mean=13.967 /-] [StdDev=53.583 /-]
Definition	This variable is part of section 3.3 (Number of Permanent Employees by Basic Salary Group) of the questionnaire
Literal question	Total number of permanent employees with salary group between 105 and 150
#67 p33c6t: Total number of permanent employees with salary group between 150 and 200	
Information	[Type= continuous] [Format=numeric] [Range= 1-1468] [Missing=*]
Statistics [NW/ W]	[Valid=493 /-] [Invalid=232 /-] [Mean=21.112 /-] [StdDev=87.533 /-]
Definition	This variable is part of section 3.3 (Number of Permanent Employees by Basic Salary Group) of the questionnaire
Literal question	Total number of permanent employees with salary group between 150 and 200
#68 p33c7t: Total number of permanent employees with salary group between 200 and 250	
Information	[Type= continuous] [Format=numeric] [Range= 1-1019] [Missing=*]
Statistics [NW/ W]	[Valid=473 /-] [Invalid=252 /-] [Mean=19.569 /-] [StdDev=76.075 /-]
Definition	This variable is part of section 3.3 (Number of Permanent Employees by Basic Salary Group) of the questionnaire
Literal question	Total number of permanent employees with salary group between 200 and 250
#69 p33c8t: Total number of permanent employees with salary group between 250 and 300	
Information	[Type= continuous] [Format=numeric] [Range= 1-1023] [Missing=*]
Statistics [NW/ W]	[Valid=427 /-] [Invalid=298 /-] [Mean=23.227 /-] [StdDev=91.426 /-]
Definition	This variable is part of section 3.3 (Number of Permanent Employees by Basic Salary Group) of the questionnaire

File Dataset_at_establishment_level_for_1990(1997-1998)	
#69 p33c8t: Total number of permanent employees with salary group between 250 and 300	
Literal question	Total number of permanent employees with salary group between 250 and 300
#70 p33c9t: Total number of permanent employees with salary group between 300 and 400	
Information	[Type= continuous] [Format=numeric] [Range= 1-1375] [Missing=*]
Statistics [NW/ W]	[Valid=486 /-] [Invalid=239 /-] [Mean=28.967 /-] [StdDev=95.442 /-]
Definition	This variable is part of section 3.3 (Number of Permanent Employees by Basic Salary Group) of the questionnaire
Literal question	Total number of permanent employees with salary group between 300 and 400
#71 p33c10t: Total number of permanent employees with salary group between 400 and 500	
Information	[Type= continuous] [Format=numeric] [Range= 1-550] [Missing=*]
Statistics [NW/ W]	[Valid=417 /-] [Invalid=308 /-] [Mean=24.875 /-] [StdDev=62.243 /-]
Definition	This variable is part of section 3.3 (Number of Permanent Employees by Basic Salary Group) of the questionnaire
Literal question	Total number of permanent employees with salary group between 400 and 500
#72 p33c11t: Total number of permanent employees with salary group between 500 and 700	
Information	[Type= continuous] [Format=numeric] [Range= 1-577] [Missing=*]
Statistics [NW/ W]	[Valid=409 /-] [Invalid=316 /-] [Mean=25.553 /-] [StdDev=60.141 /-]
Definition	This variable is part of section 3.3 (Number of Permanent Employees by Basic Salary Group) of the questionnaire
Literal question	Total number of permanent employees with salary group between 500 and 700
#73 p33c12t: Total number of permanent employees with salary group between 700 and 1000	
Information	[Type= continuous] [Format=numeric] [Range= 1-360] [Missing=*]
Statistics [NW/ W]	[Valid=318 /-] [Invalid=407 /-] [Mean=20.069 /-] [StdDev=43.893 /-]
Definition	This variable is part of section 3.3 (Number of Permanent Employees by Basic Salary Group) of the questionnaire
Literal question	Total number of permanent employees with salary group between 700 and 1000
#74 p33c13t: Total number of permanent employees with salary group between 1000 and 1500	
Information	[Type= continuous] [Format=numeric] [Range= 1-223] [Missing=*]
Statistics [NW/ W]	[Valid=274 /-] [Invalid=451 /-] [Mean=8.916 /-] [StdDev=19.686 /-]
Definition	This variable is part of section 3.3 (Number of Permanent Employees by Basic Salary Group) of the questionnaire
Literal question	Total number of permanent employees with salary group between 1000 and 1500
#75 p33c14t: Total number of permanent employees with salary group between 1500 and 2000	
Information	[Type= continuous] [Format=numeric] [Range= 1-30] [Missing=*]
Statistics [NW/ W]	[Valid=162 /-] [Invalid=563 /-] [Mean=3.222 /-] [StdDev=4.216 /-]
Definition	This variable is part of section 3.3 (Number of Permanent Employees by Basic Salary Group) of the questionnaire
Literal question	Total number of permanent employees with salary group between 1500 and 2000
#76 p33c15t: Total number of permanent employees with salary group over 2000	
Information	[Type= continuous] [Format=numeric] [Range= 1-15] [Missing=*]
Statistics [NW/ W]	[Valid=85 /-] [Invalid=640 /-] [Mean=2.129 /-] [StdDev=2.369 /-]
Definition	This variable is part of section 3.3 (Number of Permanent Employees by Basic Salary Group) of the questionnaire
Literal question	Total number of permanent employees with salary group over 2000
#77 p33c16t: Total number of permanent employees	
Information	[Type= continuous] [Format=numeric] [Range= 1-4124] [Missing=*]

File Dataset_at_establishment_level_for_1990(1997-1998)

#77 p33c16t: Total number of permanent employees

Statistics [NW/ W]	[Valid=710 /-] [Invalid=15 /-] [Mean=114.49 /-] [StdDev=336.804 /-]
Definition	This variable is part of section 3.3 (Number of Permanent Employees by Basic Salary Group) of the questionnaire
Literal question	Total number of permanent employees

#78 p41c8t: Total value of production

Information	[Type= continuous] [Format=numeric] [Range= 1880-481435266] [Missing=*]
Statistics [NW/ W]	[Valid=722 /-] [Invalid=3 /-] [Mean=8403349.625 /-] [StdDev=29835743.835 /-]
Definition	This variable is part of section 4.1 (Products and By-products) of the questionnaire
Literal question	Total value of production

#79 p41c10t: Total sales value

Information	[Type= continuous] [Format=numeric] [Range= 1880-497218113] [Missing=*]
Statistics [NW/ W]	[Valid=722 /-] [Invalid=3 /-] [Mean=8461270.69 /-] [StdDev=30965479.71 /-]
Definition	This variable is part of section 4.1 (Products and By-products) of the questionnaire
Literal question	Total sales value

#80 p41c12t: Total value of exported sales

Information	[Type= continuous] [Format=numeric] [Range= 10-144010174] [Missing=*]
Statistics [NW/ W]	[Valid=28 /-] [Invalid=697 /-] [Mean=19478390.393 /-] [StdDev=31234966.906 /-]
Definition	This variable is part of section 4.1 (Products and By-products) of the questionnaire
Literal question	Total value of exported sales

#81 p42c2: Value of contract workdone for other by their materials

Information	[Type= continuous] [Format=numeric] [Range= 88-16427344] [Missing=*]
Statistics [NW/ W]	[Valid=118 /-] [Invalid=607 /-] [Mean=457724.051 /-] [StdDev=1928361.569 /-]
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

#82 p42c3: Receipt for repair and maintenance work done for others

Information	[Type= continuous] [Format=numeric] [Range= 100-2092322] [Missing=*]
Statistics [NW/ W]	[Valid=89 /-] [Invalid=636 /-] [Mean=78237.056 /-] [StdDev=261949.933 /-]
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

#83 p42c4: Receipts of products bought and resold without further processing

Information	[Type= continuous] [Format=numeric] [Range= 115-29697553] [Missing=*]
Statistics [NW/ W]	[Valid=48 /-] [Invalid=677 /-] [Mean=1737588.896 /-] [StdDev=4664347.276 /-]
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 processing

#84 p42c5: Value of capital goods produced by own employees and materials for own use

Information	[Type= continuous] [Format=numeric] [Range= 360-109522] [Missing=*]
Statistics [NW/ W]	[Valid=20 /-] [Invalid=705 /-] [Mean=14889.1 /-] [StdDev=28632.392 /-]
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

File Dataset_at_establishment_level_for_1990(1997-1998)

#85 p42c6: Interest received

Information	[Type= continuous] [Format=numeric] [Range= 350-1578858] [Missing=*]
Statistics [NW/ W]	[Valid=21 /-] [Invalid=704 /-] [Mean=112471.905 /-] [StdDev=344486.853 /-]
Definition	This variable is part of section 4.2 (Services and other receipts) of the questionnaire
Literal question	Interest received

#86 p42c7: Rental income from lease of machinery and equipment

Information	[Type= continuous] [Format=numeric] [Range= 180-2074482] [Missing=*]
Statistics [NW/ W]	[Valid=101 /-] [Invalid=624 /-] [Mean=106415.366 /-] [StdDev=273430.805 /-]
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

#87 p42c8: Insurance claims

Information	[Type= continuous] [Format=numeric] [Range= 2937-65000] [Missing=*]
Statistics [NW/ W]	[Valid=6 /-] [Invalid=719 /-] [Mean=27158.833 /-] [StdDev=24005.865 /-]
Definition	This variable is part of section 4.2 (Services and other receipts) of the questionnaire
Literal question	Insurance claims

#88 p42c9: Subsidy

Information	[Type= continuous] [Format=numeric] [Range= 86320-1901797] [Missing=*]
Statistics [NW/ W]	[Valid=3 /-] [Invalid=722 /-] [Mean=699372.333 /-] [StdDev=1041397.616 /-]
Definition	This variable is part of section 4.2 (Services and other receipts) of the questionnaire
Literal question	Subsidy

#89 p42c10: Other income

Information	[Type= continuous] [Format=numeric] [Range= 18-6288517] [Missing=*]
Statistics [NW/ W]	[Valid=285 /-] [Invalid=440 /-] [Mean=217486.87 /-] [StdDev=571061.257 /-]
Definition	This variable is part of section 4.2 (Services and other receipts) of the questionnaire
Literal question	Other income

#90 p42c11: Total value of services and other receipts

Information	[Type= continuous] [Format=numeric] [Range= 18-33738711] [Missing=*]
Statistics [NW/ W]	[Valid=401 /-] [Invalid=324 /-] [Mean=553693.953 /-] [StdDev=2222133.536 /-]
Definition	This variable is part of section 4.2 (Services and other receipts) of the questionnaire
Literal question	Total value of services and other receipts

#91 p61c7t: Total value of local raw materials

Information	[Type= continuous] [Format=numeric] [Range= 98-70720897] [Missing=*]
Statistics [NW/ W]	[Valid=670 /-] [Invalid=55 /-] [Mean=2426632.34 /-] [StdDev=6881789.248 /-]
Definition	This variable is part of section 6.1 (Cost and Quantity of Raw Materials) of the questionnaire
Literal question	Total value of local raw materials

#92 p61c9t: Total value of Imported raw materials

Information	[Type= continuous] [Format=numeric] [Range= 140-105904353] [Missing=*]
Statistics [NW/ W]	[Valid=528 /-] [Invalid=197 /-] [Mean=2364317.593 /-] [StdDev=8557360.926 /-]
Definition	This variable is part of section 6.1 (Cost and Quantity of Raw Materials) of the questionnaire

File Dataset_at_establishment_level_for_1990(1997-1998)

#92 p61c9t: Total value of Imported raw materials

Literal question	Total value of Imported raw materials
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#93 p61c11t: Value of total raw materials

Information	[Type= continuous] [Format=numeric] [Range= 584-105904353] [Missing=*]
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Statistics [NW/ W]	[Valid=721 /-] [Invalid=4 /-] [Mean=3986372.7 /-] [StdDev=10805000.357 /-]
--------------------	--

Literal question	Value of total raw materials
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#94 p62c6t: Total value of fuel and lubricating oil

Information	[Type= continuous] [Format=numeric] [Range= 3-91557639] [Missing=*]
-------------	---

Statistics [NW/ W]	[Valid=435 /-] [Invalid=290 /-] [Mean=403943.766 /-] [StdDev=4438501.456 /-]
--------------------	--

Definition	This variable is part of section 6.2 (Other Industrial Costs) of the questionnaire
------------	--

Literal question	Total value of fuel and lubricating oil
------------------	---

#95 p62c7t: Electricity consumption in KWH

Information	[Type= continuous] [Format=numeric] [Range= 116-66495600] [Missing=*]
-------------	---

Statistics [NW/ W]	[Valid=240 /-] [Invalid=485 /-] [Mean=857303.088 /-] [StdDev=4937102.458 /-]
--------------------	--

Definition	This variable is part of section 6.2 (Other Industrial Costs) of the questionnaire
------------	--

Literal question	Electricity consumption in KWH
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#96 p62c8t: Cost of electricity consumed

Information	[Type= continuous] [Format=numeric] [Range= 120-21565331] [Missing=*]
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Statistics [NW/ W]	[Valid=717 /-] [Invalid=8 /-] [Mean=164706.604 /-] [StdDev=987199.714 /-]
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Definition	This variable is part of section 6.2 (Other Industrial Costs) of the questionnaire
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Literal question	Cost of electricity consumed
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#97 p62c9t: Cost of wood and charcoal for energy

Information	[Type= continuous] [Format=numeric] [Range= 10-503479] [Missing=*]
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Statistics [NW/ W]	[Valid=75 /-] [Invalid=650 /-] [Mean=25154.573 /-] [StdDev=63563.076 /-]
--------------------	--

Definition	This variable is part of section 6.2 (Other Industrial Costs) of the questionnaire
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Literal question	Cost of wood and charcoal for energy
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#98 p62c10t: Cost of water consumed

Information	[Type= continuous] [Format=numeric] [Range= 44-2581193] [Missing=*]
-------------	---

Statistics [NW/ W]	[Valid=520 /-] [Invalid=205 /-] [Mean=74022.66 /-] [StdDev=247747.646 /-]
--------------------	---

Definition	This variable is part of section 6.2 (Other Industrial Costs) of the questionnaire
------------	--

Literal question	Cost of water consumed
------------------	------------------------

#99 p62c11t: Cost of contract work done by others for the establishment

Information	[Type= continuous] [Format=numeric] [Range= 8-390303] [Missing=*]
-------------	---

Statistics [NW/ W]	[Valid=594 /-] [Invalid=131 /-] [Mean=8051.242 /-] [StdDev=32902.81 /-]
--------------------	---

Definition	This variable is part of section 6.2 (Other Industrial Costs) of the questionnaire
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Literal question	Cost of contract work done by others for the establishment
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#100 p62c12t: Cost of goods bought and resold

Information	[Type= continuous] [Format=numeric] [Range= 115-18749892] [Missing=*]
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Statistics [NW/ W]	[Valid=43 /-] [Invalid=682 /-] [Mean=1630371.047 /-] [StdDev=3565129.853 /-]
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File Dataset_at_establishment_level_for_1990(1997-1998)

#100 p62c12t: Cost of goods bought and resold

Definition	This variable is part of section 6.2 (Other Industrial Costs) of the questionnaire
Literal question	Cost of goods bought and resold

#101 p62c13t: Cost of repair and maintenance

Information	[Type= continuous] [Format=numeric] [Range= 40-4806483] [Missing=*]
Statistics [NW/ W]	[Valid=46 /-] [Invalid=679 /-] [Mean=129312.5 /-] [StdDev=707757.783 /-]
Definition	This variable is part of section 6.2 (Other Industrial Costs) of the questionnaire
Literal question	Cost of repair and maintenance

#102 p62c14t: Total value of other inputs

Information	[Type= continuous] [Format=numeric] [Range= 150-113160488] [Missing=*]
Statistics [NW/ W]	[Valid=725 /-] [Invalid=0 /-] [Mean=572448.713 /-] [StdDev=4465415.937 /-]
Definition	This variable is part of section 6.2 (Other Industrial Costs) of the questionnaire
Literal question	Total value of other inputs

#103 p63c2: License fee

Information	[Type= continuous] [Format=numeric] [Range= 15-1178319] [Missing=*]
Statistics [NW/ W]	[Valid=592 /-] [Invalid=133 /-] [Mean=8323.084 /-] [StdDev=51832.978 /-]
Literal question	License fee

#104 p63c3: Advertising

Information	[Type= continuous] [Format=numeric] [Range= 20-1670397] [Missing=*]
Statistics [NW/ W]	[Valid=287 /-] [Invalid=438 /-] [Mean=61906.826 /-] [StdDev=188790.2 /-]
Literal question	Advertising

#105 p63c4: Stationary, telephone and mailing expenses

Information	[Type= continuous] [Format=numeric] [Range= 18-963342] [Missing=*]
Statistics [NW/ W]	[Valid=697 /-] [Invalid=28 /-] [Mean=32951.502 /-] [StdDev=77463.201 /-]
Literal question	Stationary, telephone and mailing expenses

#106 p63c5: Payment for accounting, legal commission, etc..

Information	[Type= continuous] [Format=numeric] [Range= 100-3508077] [Missing=*]
Statistics [NW/ W]	[Valid=270 /-] [Invalid=455 /-] [Mean=65721.267 /-] [StdDev=276108.626 /-]
Definition	This variable is part of section 6.3 (Other Non-industrial Costs) of the questionnaire
Literal question	Payment for accounting, legal commission, etc..

#107 p63c6: Transport cost

Information	[Type= continuous] [Format=numeric] [Range= 30-8135242] [Missing=*]
Statistics [NW/ W]	[Valid=607 /-] [Invalid=118 /-] [Mean=164116.695 /-] [StdDev=567668.771 /-]
Definition	This variable is part of section 6.3 (Other Non-industrial Costs) of the questionnaire
Literal question	Transport cost

#108 p63c7: Interest payments

Information	[Type= continuous] [Format=numeric] [Range= 42-8109241] [Missing=*]
Statistics [NW/ W]	[Valid=239 /-] [Invalid=486 /-] [Mean=404695.418 /-] [StdDev=806701.343 /-]
Definition	This variable is part of section 6.3 (Other Non-industrial Costs) of the questionnaire

File Dataset_at_establishment_level_for_1990(1997-1998)	
#108 p63c7: Interest payments	
Literal question	Interest payments
#109 p63c8: Bank charges	
Information	[Type= continuous] [Format=numeric] [Range= 2-1408143] [Missing=*]
Statistics [NW/ W]	[Valid=268 /-] [Invalid=457 /-] [Mean=35709.619 /-] [StdDev=141204.093 /-]
Definition	This variable is part of section 6.3 (Other Non-industrial Costs) of the questionnaire
Literal question	Bank charges
#110 p63c9: Dividend payments	
Information	[Type= continuous] [Format=numeric] [Range= 5173-1238599] [Missing=*]
Statistics [NW/ W]	[Valid=9 /-] [Invalid=716 /-] [Mean=294915.333 /-] [StdDev=495210.8 /-]
Definition	This variable is part of section 6.3 (Other Non-industrial Costs) of the questionnaire
Literal question	Dividend payments
#111 p63c10: Rent payable for rental of structures and equipment	
Information	[Type= continuous] [Format=numeric] [Range= 50-475886] [Missing=*]
Statistics [NW/ W]	[Valid=296 /-] [Invalid=429 /-] [Mean=30603.132 /-] [StdDev=58275.312 /-]
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
#112 p63c11: Insurance premium on property	
Information	[Type= continuous] [Format=numeric] [Range= 54-1045263] [Missing=*]
Statistics [NW/ W]	[Valid=390 /-] [Invalid=335 /-] [Mean=52097.672 /-] [StdDev=118324.159 /-]
Definition	This variable is part of section 6.3 (Other Non-industrial Costs) of the questionnaire
Literal question	Insurance premium on property
#113 p63c12: Others non-industrials costs	
Information	[Type= continuous] [Format=numeric] [Range= 20-11806365] [Missing=*]
Statistics [NW/ W]	[Valid=534 /-] [Invalid=191 /-] [Mean=313081.991 /-] [StdDev=1013955.92 /-]
Definition	This variable is part of section 6.3 (Other Non-industrial Costs) of the questionnaire
Literal question	Others non-industrials costs
#114 p63c13: Total value of other non-industrial expenses	
Information	[Type= continuous] [Format=numeric] [Range= 29-18540968] [Missing=*]
Statistics [NW/ W]	[Valid=723 /-] [Invalid=2 /-] [Mean=648041.938 /-] [StdDev=1820342.485 /-]
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
#115 p64c2: Indirect taxes payments	
Information	[Type= continuous] [Format=numeric] [Range= 0-266697826] [Missing=*]
Statistics [NW/ W]	[Valid=669 /-] [Invalid=56 /-] [Mean=1803728.142 /-] [StdDev=13347344.176 /-]
Definition	This variable is part of section 6.4 (Taxes Paid) of the questionnaire
Literal question	Indirect taxes payments
#116 p64c3: Income tax paid on profit	
Information	[Type= continuous] [Format=numeric] [Range= 0-36538321] [Missing=*]

File Dataset_at_establishment_level_for_1990(1997-1998)

#116 p64c3: Income tax paid on profit

Statistics [NW/ W]	[Valid=666 /-] [Invalid=59 /-] [Mean=349119.011 /-] [StdDev=2349578.772 /-]
Definition	This variable is part of section 6.4 (Taxes Paid) of the questionnaire
Literal question	Income tax paid on profit

#117 p64c5: Total taxes paid

Information	[Type= continuous] [Format=numeric] [Range= 0-303236147] [Missing=*]
Statistics [NW/ W]	[Valid=669 /-] [Invalid=56 /-] [Mean=2151281.596 /-] [StdDev=15253369.054 /-]
Definition	This variable is part of section 6.4 (Taxes Paid) of the questionnaire
Literal question	Total taxes paid

#118 p71c3t: Total book value of the fixed assets at begining of the year

Information	[Type= continuous] [Format=numeric] [Range= 1-202440173] [Missing=*]
Statistics [NW/ W]	[Valid=708 /-] [Invalid=17 /-] [Mean=4375373.35 /-] [StdDev=16354286.391 /-]
Definition	This variable is part of section 7.1 (Type and Value of Fixed Assets) of the questionnaire
Literal question	Total book value of the fixed assets at begining of the year

#119 p71c4t: Total investment for purchase and capital repair of fixed assets

Information	[Type= continuous] [Format=numeric] [Range= 250-50006750] [Missing=*]
Statistics [NW/ W]	[Valid=325 /-] [Invalid=400 /-] [Mean=1243579.686 /-] [StdDev=4422428.557 /-]
Definition	This variable is part of section 7.1 (Type and Value of Fixed Assets) of the questionnaire
Literal question	Total investment for purchase and capital repair of fixed assets

#120 p71c5t: Total sold and disposed during the year

Information	[Type= continuous] [Format=numeric] [Range= 2-2798650] [Missing=*]
Statistics [NW/ W]	[Valid=70 /-] [Invalid=655 /-] [Mean=163904.329 /-] [StdDev=468051.705 /-]
Definition	This variable is part of section 7.1 (Type and Value of Fixed Assets) of the questionnaire
Literal question	Total sold and disposed during the year

#121 p71c6t: Total depreciation during the year

Information	[Type= continuous] [Format=numeric] [Range= 3-26111286] [Missing=*]
Statistics [NW/ W]	[Valid=688 /-] [Invalid=37 /-] [Mean=538267.865 /-] [StdDev=1822850.545 /-]
Definition	This variable is part of section 7.1 (Type and Value of Fixed Assets) of the questionnaire
Literal question	Total depreciation during the year

#122 p71c7t: Total book value of the fixed assers at end of the year

Information	[Type= continuous] [Format=numeric] [Range= 1-189865290] [Missing=*]
Statistics [NW/ W]	[Valid=713 /-] [Invalid=12 /-] [Mean=4376053.487 /-] [StdDev=15517534.701 /-]
Definition	This variable is part of section 7.1 (Type and Value of Fixed Assets) of the questionnaire
Literal question	Total book value of the fixed assers at end of the year

#123 p72c3t: Total investment on fixed assets

Information	[Type= continuous] [Format=numeric] [Range= 250-50006750] [Missing=*]
Statistics [NW/ W]	[Valid=325 /-] [Invalid=400 /-] [Mean=1243579.686 /-] [StdDev=4422428.557 /-]
Definition	This variable is part of section 7.2 (Annual Investment by Type and Source) of the questionnaire
Literal question	Total investment on fixed assets

File Dataset_at_establishment_level_for_1990(1997-1998)

#124 p72c4t: Total working capital

Information	[Type= continuous] [Format=numeric] [Range= 1200-167267633] [Missing=*]
Statistics [NW/ W]	[Valid=553 -] [Invalid=172 -] [Mean=4441312.387 -] [StdDev=14745929.639 -]
Definition	This variable is part of section 7.2 (Annual Investment by Type and Source) of the questionnaire
Literal question	Total working capital

#125 p81c7t: Total value of production (if working at full capacity) at market price

Information	[Type= continuous] [Format=numeric] [Range= 24480-497218113] [Missing=*]
Statistics [NW/ W]	[Valid=724 -] [Invalid=1 -] [Mean=16275125.983 -] [StdDev=44653143.952 -]
Definition	This variable is part of section 8.1 (Annual Production at Full Capacity) of the questionnaire
Literal question	Total value of production (if working at full capacity) at market price

#126 p82c7t: Total value of local raw materials (if working at full capacity)

Information	[Type= continuous] [Format=numeric] [Range= 780-190010413] [Missing=*]
Statistics [NW/ W]	[Valid=654 -] [Invalid=71 -] [Mean=5320883.937 -] [StdDev=14994506.828 -]
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 (if working at full capacity)

#127 p82c9t: Total value of imported raw materials (if working at full capacity)

Information	[Type= continuous] [Format=numeric] [Range= 300-265201094] [Missing=*]
Statistics [NW/ W]	[Valid=496 -] [Invalid=229 -] [Mean=5477142.887 -] [StdDev=19918586.343 -]
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 (if working at full capacity)

#128 p82c11t: Total value of estimated raw materials (if working at full capacity)

Information	[Type= continuous] [Format=numeric] [Range= 2020-285500000] [Missing=*]
Statistics [NW/ W]	[Valid=712 -] [Invalid=13 -] [Mean=8512603.768 -] [StdDev=23007550.196 -]
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 (if working at full capacity)

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

Information	[Type= discrete] [Format=numeric] [Range= 1-8] [Missing=*]
Statistics [NW/ W]	[Valid=653 -] [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	154	23.6%
2	Shortage of spare parts	37	5.7%
3	Getting market/customers	332	50.8%
4	Shortage of working capital	27	4.1%
5	Repeated breakage of machinery	2	0.3%
6	Problems with workers	5	0.8%
7	Government rules and regulation	96	14.7%
8	Others	0	0.0%

File Dataset_at_establishment_level_for_1990(1997-1998)

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

Value	Label	Cases	Percentage
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.

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

Information	[Type= discrete] [Format=numeric] [Range= 1-8] [Missing=*]
Statistics [NW/ W]	[Valid=392 /-] [Invalid=333 /-]
Literal question	What were the three major problems that prevented the establishment from operating with full capacity

Value	Label	Cases	Percentage
1	Shortage of supply of raw materials	81	20.7%
2	Shortage of spare parts	58	14.8%
3	Getting market/customers	119	30.4%
4	Shortage of working capital	47	12.0%
5	Repeated breakage of machinery	5	1.3%
6	Problems with workers	13	3.3%
7	Government rules and regulation	69	17.6%
8	Others	0	0.0%
Sysmiss		333	

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

Information	[Type= discrete] [Format=numeric] [Range= 1-8] [Missing=*]
Statistics [NW/ W]	[Valid=178 /-] [Invalid=547 /-]
Literal question	What were the three major problems that prevented the establishment from operating with full capacity

Value	Label	Cases	Percentage
1	Shortage of supply of raw materials	31	17.4%
2	Shortage of spare parts	17	9.6%
3	Getting market/customers	27	15.2%
4	Shortage of working capital	26	14.6%
5	Repeated breakage of machinery	4	2.2%
6	Problems with workers	14	7.9%
7	Government rules and regulation	59	33.1%
8	Others	0	0.0%
Sysmiss		547	

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 p84a: First major problem faced the establishment at present

Information	[Type= discrete] [Format=numeric] [Range= 1-11] [Missing=*]
Statistics [NW/ W]	[Valid=722 /-] [Invalid=3 /-]
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	138	19.1%
2	Shortage of spare parts	25	3.5%
3	Difficult market competition	46	6.4%
4	Getting market/customers	296	41.0%

File Dataset_at_establishment_level_for_1990(1997-1998)

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

Value	Label	Cases	Percentage
5	Shortage of working capital	53	7.3%
6	Frequent machine breakage	27	3.7%
7	Inconvenient working place	13	1.8%
8	Problems with workers	1	0.1%
9	Government rules and regulation	21	2.9%
10	No problems faced	44	6.1%
11	Others	58	8.0%
Sysmiss		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.

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

Information	[Type= discrete] [Format=numeric] [Range= 1-11] [Missing=*]
Statistics [NW/ W]	[Valid=516 /-] [Invalid=209 /-]
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	78	15.1%
2	Shortage of spare parts	42	8.1%
3	Difficult market competition	45	8.7%
4	Getting market/customers	107	20.7%
5	Shortage of working capital	101	19.6%
6	Frequent machine breakage	30	5.8%
7	Inconvenient working place	26	5.0%
8	Problems with workers	2	0.4%
9	Government rules and regulation	33	6.4%
10	No problems faced	1	0.2%
11	Others	51	9.9%
Sysmiss		209	

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 p84c: Third major problem faced the establishment at present

Information	[Type= discrete] [Format=numeric] [Range= 1-11] [Missing=*]
Statistics [NW/ W]	[Valid=293 /-] [Invalid=432 /-]
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	36	12.3%
2	Shortage of spare parts	19	6.5%
3	Difficult market competition	22	7.5%
4	Getting market/customers	34	11.6%
5	Shortage of working capital	42	14.3%
6	Frequent machine breakage	32	10.9%
7	Inconvenient working place	26	8.9%
8	Problems with workers	5	1.7%
9	Government rules and regulation	42	14.3%
10	No problems faced	1	0.3%

File Dataset_at_establishment_level_for_1990(1997-1998)

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

Value	Label	Cases	Percentage
11	Others	34	11.6%
Sysmiss		432	

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= 15110002-36102837] [Missing=*]
Statistics [NW/ W]	[Valid=2127 /-] [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=2127 /-] [Invalid=0 /-]
Literal question	Region code

Value	Label	Cases	Percentage
1	TIGRAY	86	4.0%
2	AFAR	5	0.2%
3	AMHARA	142	6.7%
4	OROMIA	279	13.1%
5	SOMALIE	4	0.2%
6	BENSHANGUL	0	0.0%
7	S.N.N.P.R.	185	8.7%
12	GAMBELA	2	0.1%
13	HARARI	23	1.1%
14	ADDIS ABABA	1339	63.0%
15	DIRE DAWA	62	2.9%

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 zone: Zone code

Information	[Type= discrete] [Format=numeric] [Range= 1-71] [Missing=*]
Statistics [NW/ W]	[Valid=2123 /-] [Invalid=4 /-]
Literal question	Zone code

#4 wereda: Wereda code

Information	[Type= discrete] [Format=numeric] [Range= 1-87] [Missing=*]
Statistics [NW/ W]	[Valid=1365 /-] [Invalid=762 /-]
Literal question	Wereda code

#5 town: Town code

Information	[Type= discrete] [Format=numeric] [Range= 1-106] [Missing=*]
Statistics [NW/ W]	[Valid=2127 /-] [Invalid=0 /-]
Literal question	Town code

File Number_of_persons_engaged_part31

#5 town: Town code

Frequency table not shown (105 Modalities)

#6 kefetgna: Kefetegna number

Information [Type= discrete] [Format=numeric] [Range= 1-65] [Missing=*]

Statistics [NW/ W] [Valid=1815 /-] [Invalid=312 /-]

Literal question Kefetegna number

#7 kebele: Kebele number

Information [Type= discrete] [Format=numeric] [Range= 1-88] [Missing=*]

Statistics [NW/ W] [Valid=2015 /-] [Invalid=112 /-]

Literal question Kebele number

#8 houseno: House number

Information [Type= discrete] [Format=numeric] [Range= 0-4858] [Missing=*]

Statistics [NW/ W] [Valid=1503 /-] [Invalid=624 /-]

Literal question House number

#9 srefyear: Survey reference year

Information [Type= discrete] [Format=numeric] [Range= 1990-1990] [Missing=*]

Statistics [NW/ W] [Valid=2127 /-] [Invalid=0 /-]

Literal question Survey reference year

Value	Label	Cases	Percentage
1990	1990 (1997/1998)	2127	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=*]

Statistics [NW/ W] [Valid=2127 /-] [Invalid=0 /-]

Literal question International standard industrial classification (ISIC)

Value	Label	Cases	Percentage
1511	Production, processing and preserving of meat, fruit and veg	21	1.0%
1514	manufacture of edible oil	93	4.4%
1520	Manufacture of dairy products	2	0.1%
1531	Manufacture of flour	111	5.2%
1533	Manufacture of animal feed	11	0.5%
1541	manufacture of bakery	228	10.7%
1542	Manufacture of sugar and confecionary	23	1.1%
1544	manufacture of pasta and macaroni	9	0.4%
1549	Manufacture of food NEC	28	1.3%
1551	Distiling rectifying and blending of spirit	18	0.8%
1552	Manufacture of wine	3	0.1%
1553	Malt liqores and malt	15	0.7%
1554	Manufacture of soft drinks	20	0.9%
1600	Manufacture of tobacco	3	0.1%
1710	spining , weaving and finishing	56	2.6%

File Number_of_persons_engaged_part31

#10 isic: International standard industrial classification (ISIC)

Value	Label	Cases	Percentage
1723	Manufacture of cordage rope and twine	6	0.3%
1730	Knitting mills	25	1.2%
1810	manufacture of wearing apparal except fur	78	3.7%
1910	Tanning and dressing of leather	30	1.4%
1920	manufacture of footwear	132	6.2%
2000	Manufacture wood and wood products	46	2.2%
2100	Manufacture of paper and paper products	19	0.9%
2200	Publishing and printing services	126	5.9%
2411	Manufacture of basic chemicals except fertilizers	12	0.6%
2422	Manufacture of paints varnishes	18	0.8%
2423	Manufacture of phrmaceuticals, medicinal	8	0.4%
2424	Manufacture of soap detregents, perfumes..	59	2.8%
2429	Manufacture of chemical productsNEC	11	0.5%
2510	Manufacture of rubber	14	0.7%
2520	Manufacture of plastics	57	2.7%
2610	Manufacture of glass and glass products	8	0.4%
2693	Manufacture of structural clay products	16	0.8%
2694	Manufacture of cement ,lime and plaster	28	1.3%
2695	Manufacture of articles of concrete, cement	166	7.8%
2699	Manufacture of non-metalic NEC	23	1.1%
2710	Manufacture of basic iron and steel	14	0.7%
2811	Manufacture of structural metal products	82	3.9%
2892	Manufacture of cuttlery hand tools....	2	0.1%
2893	Manufacture of other fabricated metal products	21	1.0%
2899	Manufacture of pumps,compressors, valves and taps	18	0.8%
2914	Manufacture of ovens	13	0.6%
2919		6	0.3%
2925	Manufacture of other general purpose machnery	29	1.4%
2929		3	0.1%
3140	Manufacture of battries	6	0.3%
3420	manufacture of bodies for mothor vechiles	22	1.0%
3430	manufacture of parts and accessories	6	0.3%
3610	Manufacture of furniture	382	18.0%

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= 1-9999] [Missing=*]
Statistics [NW/ W]	[Valid=2127 /-] [Invalid=0 /-]
Literal question	Establishment number

#12 phoneno: Telephone number

Information	[Type= discrete] [Format=numeric] [Range= 1-812516] [Missing=*]
Statistics [NW/ W]	[Valid=1995 /-] [Invalid=132 /-]
Literal question	Telephone number

File Number_of_persons_engaged_part31

#13 pobox: P.O.Box number

Information	[Type= discrete] [Format=numeric] [Range= 1-90319] [Missing=*]
Statistics [NW/ W]	[Valid=1612 /-] [Invalid=515 /-]
Literal question	P.O.Box number

#14 p31c1: General occupation

Information	[Type= discrete] [Format=numeric] [Range= 1-7] [Missing=*]
Statistics [NW/ W]	[Valid=2127 /-] [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 partners and family workers	348	16.4%
2	Un-paid apprentices	39	1.8%
3	Administrative, technical employees, clerical and office wor	663	31.2%
4	Production workers	683	32.1%
5	Paid apprentices	55	2.6%
6	Seasonal and temporary workers	339	15.9%
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.

#15 p31c3: Number of male Ethiopian employees for the month September (Meskerem)

Information	[Type= continuous] [Format=numeric] [Range= 1-2462] [Missing=*]
Statistics [NW/ W]	[Valid=1659 /-] [Invalid=468 /-] [Mean=32.43 /-] [StdDev=117.318 /-]
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)

#16 p31c4: Number of female Ethiopian employees for the month September (Meskerem)

Information	[Type= continuous] [Format=numeric] [Range= 1-2346] [Missing=*]
Statistics [NW/ W]	[Valid=1068 /-] [Invalid=1059 /-] [Mean=25.194 /-] [StdDev=114.755 /-]
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)

#17 p31c5: Number of foreigner employees for the month September (Meskerem)

Information	[Type= continuous] [Format=numeric] [Range= 1-5] [Missing=*]
Statistics [NW/ W]	[Valid=26 /-] [Invalid=2101 /-] [Mean=1.692 /-] [StdDev=0.97 /-]
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)

#18 p31c6: Number of male Ethiopian employees for the month December (Tahisas)

Information	[Type= continuous] [Format=numeric] [Range= 1-2460] [Missing=*]
Statistics [NW/ W]	[Valid=1686 /-] [Invalid=441 /-] [Mean=32.116 /-] [StdDev=115.122 /-]
Definition	This variable is part of section 3.1 (Number of Persons Engaged) of the questionnaire

File Number_of_persons_engaged_part31	
#18 p31c6: Number of male Ethiopian employees for the month December (Tahisas)	
Universe	All employees
Literal question	Number of male Ethiopian employees for the month December (Tahisas)
#19 p31c7: Number of female Ethiopian employees for the month December (Tahisas)	
Information	[Type= continuous] [Format=numeric] [Range= 1-2326] [Missing=*]
Statistics [NW/ W]	[Valid=1085 /-] [Invalid=1042 /-] [Mean=24.751 /-] [StdDev=113.241 /-]
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)
#20 p31c8: Number of foreigner employees for the month December (Tahisas)	
Information	[Type= continuous] [Format=numeric] [Range= 1-5] [Missing=*]
Statistics [NW/ W]	[Valid=26 /-] [Invalid=2101 /-] [Mean=1.731 /-] [StdDev=0.962 /-]
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)
#21 p31c9: Number of male Ethiopian employees for the month March (Megabit)	
Information	[Type= continuous] [Format=numeric] [Range= 1-2469] [Missing=*]
Statistics [NW/ W]	[Valid=1706 /-] [Invalid=421 /-] [Mean=32.405 /-] [StdDev=113.508 /-]
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)
#22 p31c10: Number of female Ethiopian employees for the month March (Megabit)	
Information	[Type= continuous] [Format=numeric] [Range= 1-2311] [Missing=*]
Statistics [NW/ W]	[Valid=1096 /-] [Invalid=1031 /-] [Mean=25.419 /-] [StdDev=116.319 /-]
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)
#23 p31c11: Number of foreigner employees for the month March (Megabit)	
Information	[Type= continuous] [Format=numeric] [Range= 1-5] [Missing=*]
Statistics [NW/ W]	[Valid=28 /-] [Invalid=2099 /-] [Mean=1.75 /-] [StdDev=1.041 /-]
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)
#24 p31c12: Number of male Ethiopian employees for the month June (Sene)	
Information	[Type= continuous] [Format=numeric] [Range= 1-2410] [Missing=*]
Statistics [NW/ W]	[Valid=1717 /-] [Invalid=410 /-] [Mean=31.971 /-] [StdDev=111.413 /-]
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)

File Number_of_persons_engaged_part31

#25 p31c13: Number of female Ethiopian employees for the month June (Sene)

Information	[Type= continuous] [Format=numeric] [Range= 1-2285] [Missing=*]
Statistics [NW/ W]	[Valid=1100 /-] [Invalid=1027 /-] [Mean=24.656 /-] [StdDev=111.684 /-]
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)

#26 p31c14: Number of foreigner employees for the month June (Sene)

Information	[Type= continuous] [Format=numeric] [Range= 1-5] [Missing=*]
Statistics [NW/ W]	[Valid=28 /-] [Invalid=2099 /-] [Mean=1.714 /-] [StdDev=0.976 /-]
Definition	This variable is part of section 3.1 (Number of Persons Engaged) of the questionnaire
Literal question	Number of foreigner employees for the month June (Sene)

#27 p31c15: Persons per month

Information	[Type= continuous] [Format=numeric] [Range= 1-7488] [Missing=*]
Statistics [NW/ W]	[Valid=339 /-] [Invalid=1788 /-] [Mean=403.549 /-] [StdDev=843.761 /-]
Definition	This variable is part of section 3.1 (Number of Persons Engaged) of the questionnaire
Universe	Seasonal and temporary workers
Literal question	Persons per month

#28 p31c16: Wage for temporary workers

Information	[Type= continuous] [Format=numeric] [Range= 160-4281602] [Missing=*]
Statistics [NW/ W]	[Valid=340 /-] [Invalid=1787 /-] [Mean=95878.235 /-] [StdDev=298206.717 /-]
Definition	This variable is part of section 3.1 (Number of Persons Engaged) of the questionnaire
Universe	Seasonal and temporary workers
Literal question	Wage for temporary workers

File Wages_and_salaries_and_other_employee_benefits_paid_part32

#1 eid: Enterprise id

Information	[Type= discrete] [Format=numeric] [Range= 15110002-36102837] [Missing=*]
Statistics [NW/ W]	[Valid=1440 /-] [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=1440 /-] [Invalid=0 /-]
Literal question	Region code

Value	Label	Cases	Percentage
1	TIGRAY	57	4.0%
2	AFAR	4	0.3%
3	AMHARA	87	6.0%
4	OROMIA	187	13.0%
5	SOMALIE	2	0.1%

File Wages_and_salaries_and_other_employee_benefits_paid_part32

#2 region: Region code

Value	Label	Cases	Percentage
6	BENSHANGUL	0	0.0%
7	S.N.N.P.R.	110	7.6%
12	GAMBELA	2	0.1%
13	HARARI	15	1.0%
14	ADDIS ABABA	938	65.1%
15	DIRE DAWA	38	2.6%

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 zone: Zone code

Information	[Type= discrete] [Format=numeric] [Range= 1-71] [Missing=*]
Statistics [NW/ W]	[Valid=1438 /-] [Invalid=2 /-]
Literal question	Zone code

#4 wereda: Wereda code

Information	[Type= discrete] [Format=numeric] [Range= 1-87] [Missing=*]
Statistics [NW/ W]	[Valid=956 /-] [Invalid=484 /-]
Literal question	Wereda code

#5 town: Town code

Information	[Type= discrete] [Format=numeric] [Range= 1-106] [Missing=*]
Statistics [NW/ W]	[Valid=1440 /-] [Invalid=0 /-]
Literal question	Town code

Frequency table not shown (105 Modalities)

#6 kefetgna: Kefetegna number

Information	[Type= discrete] [Format=numeric] [Range= 1-65] [Missing=*]
Statistics [NW/ W]	[Valid=1241 /-] [Invalid=199 /-]
Literal question	Kefetegna number

#7 kebele: Kebele number

Information	[Type= discrete] [Format=numeric] [Range= 1-88] [Missing=*]
Statistics [NW/ W]	[Valid=1363 /-] [Invalid=77 /-]
Literal question	Kebele number

#8 houseno: House number

Information	[Type= discrete] [Format=numeric] [Range= 0-4858] [Missing=*]
Statistics [NW/ W]	[Valid=1018 /-] [Invalid=422 /-]
Literal question	House number

#9 srefyear: Survey reference year

Information	[Type= discrete] [Format=numeric] [Range= 1990-1990] [Missing=*]
Statistics [NW/ W]	[Valid=1440 /-] [Invalid=0 /-]
Literal question	Survey reference year

Value	Label	Cases	Percentage
1990	1990 (1997/1998)	1440	100.0%

File Wages_and_salaries_and_other_employee_benefits_paid_part32

#9 srefyear: Survey reference year

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=*]

Statistics [NW/ W] [Valid=1440 /-] [Invalid=0 /-]

Literal question International standard industrial classification (ISIC)

Value	Label	Cases	Percentage
1511	Production, processing and preserving of meat, fruit and veg	14	1.0%
1514	manufacture of edible oil	60	4.2%
1520	Manufacture of dairy products	2	0.1%
1531	Manufacture of flour	73	5.1%
1533	Manufacture of animal feed	8	0.6%
1541	manufacture of bakery	155	10.8%
1542	Manufacture of sugar and confecionary	14	1.0%
1544	manufacture of pasta and macaroni	7	0.5%
1549	Manufacture of food NEC	21	1.5%
1551	Distiling rectifying and blending of spirit	14	1.0%
1552	Manufacture of wine	2	0.1%
1553	Malt liquores and malt	10	0.7%
1554	Manufacture of soft drinks	14	1.0%
1600	Manufacture of tobacco	2	0.1%
1710	spining , weaving and finishing	42	2.9%
1723	Manufacture of cordage rope and twine	4	0.3%
1730	Kniting mills	16	1.1%
1810	manufacture of wearing apparal except fur	52	3.6%
1910	Tanning and dressing of leather	22	1.5%
1920	manufacture of footwear	86	6.0%
2000	Manufacture wood and wood products	33	2.3%
2100	Manufacture of paper and paper products	15	1.0%
2200	Publishing and printing services	91	6.3%
2411	Manufacture of basic chemicals except fertilizers	8	0.6%
2422	Manufacture of paints varnishes	14	1.0%
2423	Manufacture of phrmaceuticals, medicinal	6	0.4%
2424	Manufacture of soap detregents, perfumes..	42	2.9%
2429	Manufacture of chemical productsNEC	10	0.7%
2510	Manufacture of rubber	10	0.7%
2520	Manufacture of plastics	42	2.9%
2610	Manufacture of glass and glass products	5	0.3%
2693	Manufacture of structural clay products	10	0.7%
2694	Manufacture of cement ,lime and plaster	18	1.2%
2695	Manufacture of articles of concrete, cement	102	7.1%
2699	Manufacture of non-metalic NEC	14	1.0%
2710	Manufacture of basic iron and steel	12	0.8%
2811	Manufacture of structural metal products	56	3.9%
2892	Manufacture of cuttlery hand tools....	2	0.1%

File Wages_and_salaries_and_other_employee_benefits_paid_part32

#10 isic: International standard industrial classification (ISIC)

Value	Label	Cases	Percentage
2893	Manufacture of other fabricated metal products	14	1.0%
2899	Manufacture of pumps, compressors, valves and taps	13	0.9%
2914	Manufacture of ovens	8	0.6%
2919		3	0.2%
2925	Manufacture of other general purpose machinery	19	1.3%
2929		2	0.1%
3140	Manufacture of batteries	4	0.3%
3420	manufacture of bodies for motor vehicles	16	1.1%
3430	manufacture of parts and accessories	5	0.3%
3610	Manufacture of furniture	248	17.2%

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.

#11 estabno: Establishment number

Information	[Type= discrete] [Format=numeric] [Range= 1-9999] [Missing=*]
Statistics [NW/ W]	[Valid=1440 /-] [Invalid=0 /-]
Literal question	Establishment number

#12 phoneno: Telephone number

Information	[Type= discrete] [Format=numeric] [Range= 1-812516] [Missing=*]
Statistics [NW/ W]	[Valid=1355 /-] [Invalid=85 /-]
Literal question	Telephone number

#13 pobox: P.O.Box number

Information	[Type= discrete] [Format=numeric] [Range= 1-90319] [Missing=*]
Statistics [NW/ W]	[Valid=1106 /-] [Invalid=334 /-]
Literal question	P.O.Box number

#14 p32c1: General occupation

Information	[Type= discrete] [Format=numeric] [Range= 1-4] [Missing=*]
Statistics [NW/ W]	[Valid=1440 /-] [Invalid=0 /-]
Definition	This variable is part of section 3.2 (Wages and Salaries and Other Employee Benefits Paid) of the questionnaire
Literal question	General occupation

Value	Label	Cases	Percentage
1	Paid apprentices	54	3.8%
2	Administrative, technical employees, clerical and office work	663	46.0%
3	Production workers	723	50.2%
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.

#15 p32c3: Wage for male Ethiopian

Information	[Type= continuous] [Format=numeric] [Range= 160-12459522] [Missing=*]
Statistics [NW/ W]	[Valid=1369 /-] [Invalid=71 /-] [Mean=224593.508 /-] [StdDev=691422.6 /-]
Definition	This variable is part of section 3.2 (Wages and Salaries and Other Employee Benefits Paid) of the questionnaire
Universe	Permanent employees

File Wages_and_salaries_and_other_employee_benefits_paid_part32

#15 p32c3: Wage for male Ethiopian

Literal question	Wage for male Ethiopian
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#16 p32c4: Wage for female Ethiopian

Information	[Type= continuous] [Format=numeric] [Range= 300-6863230] [Missing=*]
Statistics [NW/ W]	[Valid=954 /-] [Invalid=486 /-] [Mean=116205.253 /-] [StdDev=389969.804 /-]
Definition	This variable is part of section 3.2 (Wages and Salaries and Other Employee Benefits Paid) of the questionnaire
Universe	Permanent employees
Literal question	Wage for female Ethiopian

#17 p32c5: Wage for foreigners

Information	[Type= continuous] [Format=numeric] [Range= 6000-255312] [Missing=*]
Statistics [NW/ W]	[Valid=18 /-] [Invalid=1422 /-] [Mean=60935.722 /-] [StdDev=65606.042 /-]
Definition	This variable is part of section 3.2 (Wages and Salaries and Other Employee Benefits Paid) of the questionnaire
Universe	Permanent employees
Literal question	Wage for foreigners

#18 p32c6: Wage total

Information	[Type= continuous] [Format=numeric] [Range= 160-13122788] [Missing=*]
Statistics [NW/ W]	[Valid=1401 /-] [Invalid=39 /-] [Mean=299375.565 /-] [StdDev=916471.259 /-]
Definition	This variable is part of section 3.2 (Wages and Salaries and Other Employee Benefits Paid) of the questionnaire
Universe	Permanent employees
Literal question	Wage total

#19 p32c7: Commission, bonuses, proffional and hardship allowances

Information	[Type= continuous] [Format=numeric] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=1440 /-]
Definition	This variable is part of section 3.2 (Wages and Salaries and Other Employee Benefits Paid) of the questionnaire
Universe	Permanent employees
Literal question	Commission, bonuses, proffional and hardship allowances

#20 p32c8: 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=1440 /-]
Definition	This variable is part of section 3.2 (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

#21 p32c9: Establishments contribution on behalf of employees to pension, life and causality insurance schemes

Information	[Type= continuous] [Format=numeric] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=1440 /-]
Definition	This variable is part of section 3.2 (Wages and Salaries and Other Employee Benefits Paid) of the questionnaire
Universe	Permanent employees

File Wages_and_salaries_and_other_employee_benefits_paid_part32

#21 p32c9: Establishments contribution on behalf of employees to pension, life and causality insurance schemes

Literal question	Establishments contribution on behalf of employees to pension, life and causality insurance schemes
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#22 p32c10: No of shifts

Information	[Type= continuous] [Format=numeric] [Range= 1-4] [Missing=*]
Statistics [NW/ W]	[Valid=709 /-] [Invalid=731 /-] [Mean=1.326 /-] [StdDev=0.651 /-]
Definition	This variable is part of section 3.2 (Wages and Salaries and Other Employee Benefits Paid) of the questionnaire
Universe	Permanent employees
Literal question	Number of shifts

#23 p32c11: No of hours per day

Information	[Type= continuous] [Format=numeric] [Range= 2-24] [Missing=*]
Statistics [NW/ W]	[Valid=704 /-] [Invalid=736 /-] [Mean=10.217 /-] [StdDev=4.932 /-]
Definition	This variable is part of section 3.2 (Wages and Salaries and Other Employee Benefits Paid) of the questionnaire
Universe	Permanent employees
Literal question	Number of hours per day

#24 p32c12: Months

Information	[Type= continuous] [Format=numeric] [Range= 1-30] [Missing=*]
Statistics [NW/ W]	[Valid=702 /-] [Invalid=738 /-] [Mean=9.658 /-] [StdDev=2.457 /-]
Definition	This variable is part of section 3.2 (Wages and Salaries and Other Employee Benefits Paid) of the questionnaire
Universe	Permanent employees
Literal question	Months

#25 p32c13: No of workers per shift

Information	[Type= continuous] [Format=numeric] [Range= 1-5959] [Missing=*]
Statistics [NW/ W]	[Valid=706 /-] [Invalid=734 /-] [Mean=57.394 /-] [StdDev=246.517 /-]
Definition	This variable is part of section 3.2 (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_part33

#1 eid: Enterprise id

Information	[Type= discrete] [Format=numeric] [Range= 15110002-36102837] [Missing=*]
Statistics [NW/ W]	[Valid=1308 /-] [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=1308 /-] [Invalid=0 /-]
Literal question	Region code

File Number_of_permanent_employees_by_basic_salary_group_part33

#2 region: Region code

Value	Label	Cases	Percentage
1	TIGRAY	51	3.9%
2	AFAR	4	0.3%
3	AMHARA	77	5.9%
4	OROMIA	156	11.9%
5	SOMALIE	1	0.1%
6	BENSHANGUL	0	0.0%
7	S.N.N.P.R.	82	6.3%
12	GAMBELA	2	0.2%
13	HARARI	12	0.9%
14	ADDIS ABABA	893	68.3%
15	DIRE DAWA	30	2.3%

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

#3 zone: Zone code

Information	[Type= discrete] [Format=numeric] [Range= 1-71] [Missing=*]
Statistics [NW/ W]	[Valid=1306 /-] [Invalid=2 /-]
Literal question	Zone code

#4 wereda: Wereda code

Information	[Type= discrete] [Format=numeric] [Range= 1-87] [Missing=*]
Statistics [NW/ W]	[Valid=910 /-] [Invalid=398 /-]
Literal question	Wereda code

#5 town: Town code

Information	[Type= discrete] [Format=numeric] [Range= 1-106] [Missing=*]
Statistics [NW/ W]	[Valid=1308 /-] [Invalid=0 /-]
Literal question	Town code

Frequency table not shown (105 Modalities)

#6 kefetgna: Kefetegna number

Information	[Type= discrete] [Format=numeric] [Range= 1-65] [Missing=*]
Statistics [NW/ W]	[Valid=1130 /-] [Invalid=178 /-]
Literal question	Kefetegna number

#7 kebele: Kebele number

Information	[Type= discrete] [Format=numeric] [Range= 1-88] [Missing=*]
Statistics [NW/ W]	[Valid=1237 /-] [Invalid=71 /-]
Literal question	Kebele number

#8 houseno: House number

Information	[Type= discrete] [Format=numeric] [Range= 0-4858] [Missing=*]
Statistics [NW/ W]	[Valid=918 /-] [Invalid=390 /-]
Literal question	House number

File Number_of_permanent_employees_by_basic_salary_group_part33

#9 srefyear: Survey reference year

Information	[Type= discrete] [Format=numeric] [Range= 1990-1990] [Missing=*]
Statistics [NW/ W]	[Valid=1308 /-] [Invalid=0 /-]
Literal question	Survey reference year

Value	Label	Cases	Percentage
1990	1990 (1997/1998)	1308	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=*]
Statistics [NW/ W]	[Valid=1308 /-] [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%
1514	manufacture of edible oil	54	4.1%
1520	Manufacture of dairy products	2	0.2%
1531	Manufacture of flour	70	5.4%
1533	Manufacture of animal feed	8	0.6%
1541	manufacture of bakery	141	10.8%
1542	Manufacture of sugar and confecionary	16	1.2%
1544	manufacture of pasta and macaroni	8	0.6%
1549	Manufacture of food NEC	22	1.7%
1551	Distiling rectifying and blending of spirit	13	1.0%
1552	Manufacture of wine	2	0.2%
1553	Malt liquores 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	41	3.1%
1723	Manufacture of cordage rope and twine	4	0.3%
1730	Kniting mills	18	1.4%
1810	manufacture of wearing apparal except fur	48	3.7%
1910	Tanning and dressing of leather	22	1.7%
1920	manufacture of footwear	88	6.7%
2000	Manufacture wood and wood products	28	2.1%
2100	Manufacture of paper and paper products	14	1.1%
2200	Publishing and printing services	89	6.8%
2411	Manufacture of basic chemicals except fertilizers	8	0.6%
2422	Manufacture of paints varnishes	14	1.1%
2423	Manufacture of phrmaceuticals, medicinal	6	0.5%
2424	Manufacture of soap detregents, perfumes..	43	3.3%
2429	Manufacture of chemical productsNEC	10	0.8%
2510	Manufacture of rubber	10	0.8%
2520	Manufacture of plastics	42	3.2%
2610	Manufacture of glass and glass products	4	0.3%
2693	Manufacture of structural clay products	6	0.5%

File Number_of_permanent_employees_by_basic_salary_group_part33

#10 isic: International standard industrial classification (ISIC)

Value	Label	Cases	Percentage
2694	Manufacture of cement ,lime and plaster	16	1.2%
2695	Manufacture of articles of concrete, cement	91	7.0%
2699	Manufacture of non-metalic NEC	13	1.0%
2710	Manufacture of basic iron and steel	12	0.9%
2811	Manufacture of structural metal products	39	3.0%
2892	Manufacture of cuttlery hand tools....	2	0.2%
2893	Manufacture of other fabricated metal products	14	1.1%
2899	Manufacture of pumps,compressors, valves and taps	12	0.9%
2914	Manufacture of ovens	7	0.5%
2919		3	0.2%
2925	Manufacture of other general purpose machnery	16	1.2%
2929		2	0.2%
3140	Manufacture of battries	4	0.3%
3420	manufacture of bodies for mothor vechiles	16	1.2%
3430	manufacture of parts and accessories	4	0.3%
3610	Manufacture of furniture	186	14.2%

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.

#11 estabno: Establishment number

Information	[Type= discrete] [Format=numeric] [Range= 1-9999] [Missing=*]
Statistics [NW/ W]	[Valid=1308 /-] [Invalid=0 /-]
Literal question	Establishment number

#12 phoneno: Telephone number

Information	[Type= discrete] [Format=numeric] [Range= 8-812516] [Missing=*]
Statistics [NW/ W]	[Valid=1236 /-] [Invalid=72 /-]
Literal question	Telephone number

#13 pobox: P.O.Box number

Information	[Type= discrete] [Format=numeric] [Range= 1-90319] [Missing=*]
Statistics [NW/ W]	[Valid=1022 /-] [Invalid=286 /-]
Literal question	P.O.Box number

#14 p33c1: Sex

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=1308 /-] [Invalid=0 /-]
Definition	This variable is part of section 3.3 (Number of Permanent Employees by Basic Salary Group) of the questionnaire
Literal question	Sex of permanent employees

Value	Label	Cases	Percentage
1	Male	704	53.8%
2	Female	604	46.2%
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.

File Number_of_permanent_employees_by_basic_salary_group_part33	
#15 p33c3: Number of permanent employees with salary group under 75	
Information	[Type= continuous] [Format=numeric] [Range= 1-136] [Missing=*]
Statistics [NW/ W]	[Valid=135 /-] [Invalid=1173 /-] [Mean=4.141 /-] [StdDev=12.201 /-]
Definition	This variable is part of section 3.3 (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
#16 p33c4: Number of permanent employees with salary group between 75 and 105	
Information	[Type= continuous] [Format=numeric] [Range= 1-103] [Missing=*]
Statistics [NW/ W]	[Valid=332 /-] [Invalid=976 /-] [Mean=3.367 /-] [StdDev=7.154 /-]
Definition	This variable is part of section 3.3 (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
#17 p33c5: Number of permanent employees with salary group between 105 and 150	
Information	[Type= continuous] [Format=numeric] [Range= 1-403] [Missing=*]
Statistics [NW/ W]	[Valid=566 /-] [Invalid=742 /-] [Mean=9.866 /-] [StdDev=34.04 /-]
Definition	This variable is part of section 3.3 (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
#18 p33c6: Number of permanent employees with salary group between 150 and 200	
Information	[Type= continuous] [Format=numeric] [Range= 1-1219] [Missing=*]
Statistics [NW/ W]	[Valid=720 /-] [Invalid=588 /-] [Mean=14.457 /-] [StdDev=59.542 /-]
Definition	This variable is part of section 3.3 (Number of Permanent Employees by Basic Salary Group) of the questionnaire
Universe	Permanent employees
Literal question	Number of permanent employees with salary group between 150 and 200
#19 p33c7: Number of permanent employees with salary group between 200 and 250	
Information	[Type= continuous] [Format=numeric] [Range= 1-759] [Missing=*]
Statistics [NW/ W]	[Valid=684 /-] [Invalid=624 /-] [Mean=13.539 /-] [StdDev=49.333 /-]
Definition	This variable is part of section 3.3 (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
#20 p33c8: Number of permanent employees with salary group between 250 and 300	
Information	[Type= continuous] [Format=numeric] [Range= 1-793] [Missing=*]
Statistics [NW/ W]	[Valid=633 /-] [Invalid=675 /-] [Mean=15.667 /-] [StdDev=58.34 /-]
Definition	This variable is part of section 3.3 (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
#21 p33c9: Number of permanent employees with salary group between 300 and 400	
Information	[Type= continuous] [Format=numeric] [Range= 1-1030] [Missing=*]
Statistics [NW/ W]	[Valid=748 /-] [Invalid=560 /-] [Mean=18.828 /-] [StdDev=59.078 /-]

File Number_of_permanent_employees_by_basic_salary_group_part33	
#21 p33c9: Number of permanent employees with salary group between 300 and 400	
Definition	This variable is part of section 3.3 (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
#22 p33c10: Number of permanent employees with salary group between 400 and 500	
Information	[Type= continuous] [Format=numeric] [Range= 1-536] [Missing=*]
Statistics [NW/ W]	[Valid=619 /-] [Invalid=689 /-] [Mean=16.767 /-] [StdDev=42.356 /-]
Definition	This variable is part of section 3.3 (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
#23 p33c11: Number of permanent employees with salary group between 500 and 700	
Information	[Type= continuous] [Format=numeric] [Range= 1-550] [Missing=*]
Statistics [NW/ W]	[Valid=614 /-] [Invalid=694 /-] [Mean=17.013 /-] [StdDev=42.812 /-]
Definition	This variable is part of section 3.3 (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
#24 p33c12: Number of permanent employees with salary group between 700 and 1000	
Information	[Type= continuous] [Format=numeric] [Range= 1-335] [Missing=*]
Statistics [NW/ W]	[Valid=480 /-] [Invalid=828 /-] [Mean=13.296 /-] [StdDev=30.66 /-]
Definition	This variable is part of section 3.3 (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
#25 p33c13: Number of permanent employees with salary group between 1000 and 1500	
Information	[Type= continuous] [Format=numeric] [Range= 1-216] [Missing=*]
Statistics [NW/ W]	[Valid=378 /-] [Invalid=930 /-] [Mean=6.463 /-] [StdDev=15.834 /-]
Definition	This variable is part of section 3.3 (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
#26 p33c14: Number of permanent employees with salary group between 1500 and 2000	
Information	[Type= continuous] [Format=numeric] [Range= 1-29] [Missing=*]
Statistics [NW/ W]	[Valid=191 /-] [Invalid=1117 /-] [Mean=2.738 /-] [StdDev=3.696 /-]
Definition	This variable is part of section 3.3 (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
#27 p33c15: Number of permanent employees with salary group over 2000	
Information	[Type= continuous] [Format=numeric] [Range= 1-14] [Missing=*]
Statistics [NW/ W]	[Valid=99 /-] [Invalid=1209 /-] [Mean=1.828 /-] [StdDev=2.07 /-]
Definition	This variable is part of section 3.3 (Number of Permanent Employees by Basic Salary Group) of the questionnaire
Universe	Permanent employees

File Number_of_permanent_employees_by_basic_salary_group_part33

#27 p33c15: Number of permanent employees with salary group over 2000

Literal question	Number of permanent employees with salary group over 2000
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#28 p33c16: Total number of permanent employees

Information	[Type= continuous] [Format=numeric] [Range= 1-2995] [Missing=*]
Statistics [NW/ W]	[Valid=1308 /-] [Invalid=0 /-] [Mean=62.144 /-] [StdDev=197.425 /-]
Definition	This variable is part of section 3.3 (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= 15110002-36102837] [Missing=*]
Statistics [NW/ W]	[Valid=3055 /-] [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=3055 /-] [Invalid=0 /-]
Literal question	Region code

Value	Label	Cases	Percentage
1	TIGRAY	130	4.3%
2	AFAR	13	0.4%
3	AMHARA	152	5.0%
4	OROMIA	318	10.4%
5	SOMALIE	4	0.1%
6	BENSHANGUL	0	0.0%
7	S.N.N.P.R.	393	12.9%
12	GAMBELA	2	0.1%
13	HARARI	31	1.0%
14	ADDIS ABABA	1913	62.6%
15	DIRE DAWA	99	3.2%

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 zone: Zone code

Information	[Type= discrete] [Format=numeric] [Range= 1-71] [Missing=*]
Statistics [NW/ W]	[Valid=3048 /-] [Invalid=7 /-]
Literal question	Zone code

#4 wereda: Wereda code

Information	[Type= discrete] [Format=numeric] [Range= 1-87] [Missing=*]
Statistics [NW/ W]	[Valid=1948 /-] [Invalid=1107 /-]
Literal question	Wereda code

File Products_and_by_products_part41

#5 town: Town code

Information	[Type= discrete] [Format=numeric] [Range= 1-106] [Missing=*]
Statistics [NW/ W]	[Valid=3055 /-] [Invalid=0 /-]
Literal question	Town code

Frequency table not shown (105 Modalities)

#6 kefetgna: Kefetegna number

Information	[Type= discrete] [Format=numeric] [Range= 1-65] [Missing=*]
Statistics [NW/ W]	[Valid=2655 /-] [Invalid=400 /-]
Literal question	Kefetegna number

#7 kebele: Kebele number

Information	[Type= discrete] [Format=numeric] [Range= 1-88] [Missing=*]
Statistics [NW/ W]	[Valid=2902 /-] [Invalid=153 /-]
Literal question	Kebele number

#8 houseno: House number

Information	[Type= discrete] [Format=numeric] [Range= 0-4858] [Missing=*]
Statistics [NW/ W]	[Valid=2064 /-] [Invalid=991 /-]
Literal question	House number

#9 srefyear: Survey reference year

Information	[Type= discrete] [Format=numeric] [Range= 1990-1990] [Missing=*]
Statistics [NW/ W]	[Valid=3055 /-] [Invalid=0 /-]
Literal question	Survey reference year

Value	Label	Cases	Percentage
1990	1990 (1997/1998)	3055	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=*]
Statistics [NW/ W]	[Valid=3055 /-] [Invalid=0 /-]
Literal question	International standard industrial classification (ISIC)

Value	Label	Cases	Percentage
1511	Production, processing and preserving of meat, fruit and veg	34	1.1%
1514	manufacture of edible oil	84	2.7%
1520	Manufacture of dairy products	5	0.2%
1531	Manufacture of flour	109	3.6%
1533	Manufacture of animal feed	13	0.4%
1541	manufacture of bakery	203	6.6%
1542	Manufacture of sugar and confecionary	17	0.6%
1544	manufacture of pasta and macaroni	11	0.4%
1549	Manufacture of food NEC	23	0.8%
1551	Distiling rectifying and blending of spirit	44	1.4%
1552	Manufacture of wine	1	0.0%
1553	Malt liqores and malt	14	0.5%

File Products_and_by_products_part41

#10 isic: International standard industrial classification (ISIC)

Value	Label	Cases	Percentage
1554	Manufacture of soft drinks	22	0.7%
1600	Manufacture of tobacco	3	0.1%
1710	spining , weaving and finishing	105	3.4%
1723	Manufacture of cordage rope and twine	18	0.6%
1730	Kniting mills	27	0.9%
1810	manufacture of wearing apparal except fur	146	4.8%
1910	Tanning and dressing of leather	48	1.6%
1920	manufacture of footwear	110	3.6%
2000	Manufacture wood and wood products	58	1.9%
2100	Manufacture of paper and paper products	33	1.1%
2200	Publishing and printing services	170	5.6%
2411	Manufacture of basic chemicals except fertilzers	18	0.6%
2422	Manufacture of paints varnishes	22	0.7%
2423	Manufacture of phrmaceuticals, medicinial	24	0.8%
2424	Manufacture of soap detregents, perfumes..	69	2.3%
2429	Manufacture of chemical productsNEC	7	0.2%
2510	Manufacture of rubber	22	0.7%
2520	Manufacture of plastics	102	3.3%
2610	Manufacture of glass and glass products	16	0.5%
2693	Manufacture of structural clay products	5	0.2%
2694	Manufacture of cement ,lime and plaster	15	0.5%
2695	Manufacture of articles of concrete, cement	249	8.2%
2699	Manufacture of non-metalic NEC	42	1.4%
2710	Manufacture of basic iron and steel	26	0.9%
2811	Manufacture of structural metal products	116	3.8%
2892	Manufacture of cuttlery hand tools....	1	0.0%
2893	Manufacture of other fabricated metal products	34	1.1%
2899	Manufacture of pumps,compressors, valves and taps	23	0.8%
2914	Manufacture of ovens	17	0.6%
2919		3	0.1%
2925	Manufacture of other general purpose machnery	44	1.4%
2929		3	0.1%
3140	Manufacture of battries	10	0.3%
3420	manufacture of bodies for mothor vechiles	42	1.4%
3430	manufacture of parts and accessories	5	0.2%
3610	Manufacture of furniture	842	27.6%

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.

#11 estabno: Establishment number

Information	[Type= discrete] [Format=numeric] [Range= 1-9999] [Missing=*]
Statistics [NW/ W]	[Valid=3055 /-] [Invalid=0 /-]
Literal question	Establishment number

File Products_and_by_products_part41

#12 phoneno: Telephone number

Information	[Type= discrete] [Format=numeric] [Range= 1-812516] [Missing=*]
Statistics [NW/ W]	[Valid=2868 /-] [Invalid=187 /-]
Literal question	Telephone number

#13 pobox: P.O.Box number

Information	[Type= discrete] [Format=numeric] [Range= 1-90319] [Missing=*]
Statistics [NW/ W]	[Valid=2342 /-] [Invalid=713 /-]
Literal question	P.O.Box number

#14 p41c1: Serial number for list of principal products

Information	[Type= discrete] [Format=numeric] [Range= 1-10] [Missing=*]
Statistics [NW/ W]	[Valid=3055 /-] [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	718	23.5%
2	2	580	19.0%
3	3	436	14.3%
4	4	341	11.2%
5	5	254	8.3%
6	6	202	6.6%
7	7	161	5.3%
8	8	113	3.7%
9	9	250	8.2%
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.

#15 p41c4: Product code

Information	[Type= discrete] [Format=numeric] [Range= 1-9999] [Missing=*]
Statistics [NW/ W]	[Valid=3055 /-] [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 (118 Modalities)

#16 p41c5: Unit measurement code

Information	[Type= discrete] [Format=numeric] [Range= 2-90] [Missing=*]
Statistics [NW/ W]	[Valid=1345 /-] [Invalid=1710 /-]
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 (60 Modalities)

#17 p41c6: Average sales per unit

Information	[Type= continuous] [Format=numeric] [Range= 0.06-437337.94] [Missing=*]
Statistics [NW/ W]	[Valid=2695 /-] [Invalid=360 /-] [Mean=1890.934 /-] [StdDev=15591.15 /-]
Definition	This variable is part of section 4.1 (Products and By-products) of the questionnaire

File Products_and_by_products_part41

#17 p41c6: Average sales per unit

Literal question	Average sales per unit
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#18 p41c7: Quantity produced

Information	[Type= continuous] [Format=numeric] [Range= 1-419199303] [Missing=*]
Statistics [NW/ W]	[Valid=2703 /-] [Invalid=352 /-] [Mean=566400.386 /-] [StdDev=9786669.806 /-]
Definition	This variable is part of section 4.1 (Products and By-products) of the questionnaire
Literal question	Quantity produced

#19 p41c8: Value of production

Information	[Type= continuous] [Format=numeric] [Range= 30-468492134] [Missing=*]
Statistics [NW/ W]	[Valid=2998 /-] [Invalid=57 /-] [Mean=1964845.051 /-] [StdDev=13104316.806 /-]
Definition	This variable is part of section 4.1 (Products and By-products) of the questionnaire
Literal question	Value of production

#20 p41c9: Total sales quantity

Information	[Type= continuous] [Format=numeric] [Range= 1-440618350] [Missing=*]
Statistics [NW/ W]	[Valid=2687 /-] [Invalid=368 /-] [Mean=592285.912 /-] [StdDev=10628314.251 /-]
Definition	This variable is part of section 4.1 (Products and By-products) of the questionnaire
Literal question	Total sales quantity

#21 p41c10: Total sales value

Information	[Type= continuous] [Format=numeric] [Range= 30-492982148] [Missing=*]
Statistics [NW/ W]	[Valid=3029 /-] [Invalid=26 /-] [Mean=2016849.6 /-] [StdDev=13967295.137 /-]
Definition	This variable is part of section 4.1 (Products and By-products) of the questionnaire
Literal question	Total sales value

#22 p41c11: Exported sales quantity

Information	[Type= continuous] [Format=numeric] [Range= 68-11085975] [Missing=*]
Statistics [NW/ W]	[Valid=52 /-] [Invalid=3003 /-] [Mean=678955.019 /-] [StdDev=1636212.983 /-]
Definition	This variable is part of section 4.1 (Products and By-products) of the questionnaire
Literal question	Exported sales quantity

#23 p41c12: Exported sales value

Information	[Type= continuous] [Format=numeric] [Range= 10238-35704899] [Missing=*]
Statistics [NW/ W]	[Valid=54 /-] [Invalid=3001 /-] [Mean=7428251.63 /-] [StdDev=9784016.21 /-]
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= 15110002-36102837] [Missing=*]
Statistics [NW/ W]	[Valid=1196 /-] [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.

File Value_of_stocks_part5

#2 region: Region code

Information	[Type= discrete] [Format=numeric] [Range= 1-15] [Missing=*]
Statistics [NW/ W]	[Valid=1196 /-] [Invalid=0 /-]
Literal question	Region code

Value	Label	Cases	Percentage
1	TIGRAY	49	4.1%
2	AFAR	4	0.3%
3	AMHARA	46	3.8%
4	OROMIA	155	13.0%
5	SOMALIE	0	0.0%
6	BENSHANGUL	0	0.0%
7	S.N.N.P.R.	133	11.1%
12	GAMBELA	1	0.1%
13	HARARI	9	0.8%
14	ADDIS ABABA	762	63.7%
15	DIRE DAWA	37	3.1%

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=1196 /-] [Invalid=0 /-]
Literal question	Zone code

#4 wereda: Wereda code

Information	[Type= discrete] [Format=numeric] [Range= 1-69] [Missing=*]
Statistics [NW/ W]	[Valid=778 /-] [Invalid=418 /-]
Literal question	Wereda code

#5 town: Town code

Information	[Type= discrete] [Format=numeric] [Range= 1-106] [Missing=*]
Statistics [NW/ W]	[Valid=1196 /-] [Invalid=0 /-]
Literal question	Town code

Frequency table not shown (105 Modalities)

#6 kefetgna: Kefetegna number

Information	[Type= discrete] [Format=numeric] [Range= 1-65] [Missing=*]
Statistics [NW/ W]	[Valid=1033 /-] [Invalid=163 /-]
Literal question	Kefetegna number

#7 kebele: Kebele number

Information	[Type= discrete] [Format=numeric] [Range= 1-88] [Missing=*]
Statistics [NW/ W]	[Valid=1114 /-] [Invalid=82 /-]
Literal question	Kebele number

#8 houseno: House number

Information	[Type= discrete] [Format=numeric] [Range= 0-4820] [Missing=*]
Statistics [NW/ W]	[Valid=761 /-] [Invalid=435 /-]

File Value_of_stocks_part5

#8 houseno: House number

Literal question House number

#9 srefyear: Survey reference year

Information [Type= discrete] [Format=numeric] [Range= 1990-1990] [Missing=*]

Statistics [NW/ W] [Valid=1196 /-] [Invalid=0 /-]

Literal question Survey reference year

Value	Label	Cases	Percentage
1990	1990 (1997/1998)	1196	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=*]

Statistics [NW/ W] [Valid=1196 /-] [Invalid=0 /-]

Literal question International standard industrial classification (ISIC)

Value	Label	Cases	Percentage
1511	Production, processing and preserving of meat, fruit and veg	16	1.3%
1514	manufacture of edible oil	42	3.5%
1520	Manufacture of dairy products	0	0.0%
1531	Manufacture of flour	56	4.7%
1533	Manufacture of animal feed	7	0.6%
1541	manufacture of bakery	69	5.8%
1542	Manufacture of sugar and confecionary	7	0.6%
1544	manufacture of pasta and macaroni	8	0.7%
1549	Manufacture of food NEC	17	1.4%
1551	Distiling rectifying and blending of spirit	16	1.3%
1552	Manufacture of wine	3	0.3%
1553	Malt liquores 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	51	4.3%
1723	Manufacture of cordage rope and twine	6	0.5%
1730	Kniting mills	10	0.8%
1810	manufacture of wearing apparal except fur	53	4.4%
1910	Tanning and dressing of leather	28	2.3%
1920	manufacture of footwear	84	7.0%
2000	Manufacture wood and wood products	26	2.2%
2100	Manufacture of paper and paper products	15	1.3%
2200	Publishing and printing services	61	5.1%
2411	Manufacture of basic chemicals except fertilizers	11	0.9%
2422	Manufacture of paints varnishes	15	1.3%
2423	Manufacture of phrmaceuticals, medicinal	9	0.8%
2424	Manufacture of soap detregents, perfumes..	33	2.8%
2429	Manufacture of chemical productsNEC	8	0.7%
2510	Manufacture of rubber	11	0.9%

File Value_of_stocks_part5

#10 isic: International standard industrial classification (ISIC)

Value	Label	Cases	Percentage
2520	Manufacture of plastics	41	3.4%
2610	Manufacture of glass and glass products	6	0.5%
2693	Manufacture of structural clay products	5	0.4%
2694	Manufacture of cement ,lime and plaster	18	1.5%
2695	Manufacture of articles of concrete, cement	79	6.6%
2699	Manufacture of non-metalic NEC	16	1.3%
2710	Manufacture of basic iron and steel	16	1.3%
2811	Manufacture of structural metal products	25	2.1%
2892	Manufacture of cuttlery hand tools....	1	0.1%
2893	Manufacture of other fabricated metal products	19	1.6%
2899	Manufacture of pumps,compressors, valves and taps	15	1.3%
2914	Manufacture of ovens	9	0.8%
2919		4	0.3%
2925	Manufacture of other general purpose machnery	14	1.2%
3140	Manufacture of battries	4	0.3%
3420	manufacture of bodies for mothor vechiles	14	1.2%
3430	manufacture of parts and accessories	1	0.1%
3610	Manufacture of furniture	215	18.0%

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= 1-9999] [Missing=*]
Statistics [NW/ W]	[Valid=1196 /-] [Invalid=0 /-]
Literal question	Establishment number

#12 phoneno: Telephone number

Information	[Type= discrete] [Format=numeric] [Range= 1-812516] [Missing=*]
Statistics [NW/ W]	[Valid=1130 /-] [Invalid=66 /-]
Literal question	Telephone number

#13 pobox: P.O.Box number

Information	[Type= discrete] [Format=numeric] [Range= 1-90319] [Missing=*]
Statistics [NW/ W]	[Valid=972 /-] [Invalid=224 /-]
Literal question	P.O.Box number

#14 p5c1: Type of stock

Information	[Type= discrete] [Format=numeric] [Range= 1-4] [Missing=*]
Statistics [NW/ W]	[Valid=1196 /-] [Invalid=0 /-]
Definition	This variable is part of section 5 (Type of Stocks) of the questionnaire
Literal question	Type of stock

Value	Label	Cases	Percentage
1	Finished goods	446	37.3%
2	Semi-finished goods	226	18.9%
3	Raw materials	524	43.8%

File Value_of_stocks_part5

#14 p5c1: Type of stock

Value	Label	Cases	Percentage
4	Goods bought for resale	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 p5c3: Stocks at the beginning of the year

Information	[Type= continuous] [Format=numeric] [Range= 37-96938980] [Missing=*]
Statistics [NW/ W]	[Valid=1072 /-] [Invalid=124 /-] [Mean=2582470.272 /-] [StdDev=7696675.793 /-]
Definition	This variable is part of section 5 (Type of Stocks) of the questionnaire
Literal question	Stocks value at the beginning of the year

#16 p5c4: Stocks at the end of the year

Information	[Type= continuous] [Format=numeric] [Range= 37-110971263] [Missing=*]
Statistics [NW/ W]	[Valid=1161 /-] [Invalid=35 /-] [Mean=2561687.869 /-] [StdDev=8002161.33 /-]
Definition	This variable is part of section 5 (Type of Stocks) of the questionnaire
Literal question	Stocks value at the end of the year

#17 p5c5: Stocks difference (end - beginning)

Information	[Type= continuous] [Format=numeric] [Range= -40739261-98000902] [Missing=*]
Statistics [NW/ W]	[Valid=1154 /-] [Invalid=42 /-] [Mean=178259.518 /-] [StdDev=3738081.92 /-]
Definition	This variable is part of section 5 (Type of Stocks) of the questionnaire
Literal question	Stocks value difference (end - beginning)

File Cost_and_quantity_of_raw_materials_part61

#1 eid: Enterprise id

Information	[Type= discrete] [Format=numeric] [Range= 15110002-36102837] [Missing=*]
Statistics [NW/ W]	[Valid=4106 /-] [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=4106 /-] [Invalid=0 /-]
Literal question	Region code

Value	Label	Cases	Percentage
1	TIGRAY	165	4.0%
2	AFAR	12	0.3%
3	AMHARA	233	5.7%
4	OROMIA	447	10.9%
5	SOMALIE	2	0.0%
6	BENSHANGUL	0	0.0%
7	S.N.N.P.R.	396	9.6%
12	GAMBELA	4	0.1%
13	HARARI	49	1.2%
14	ADDIS ABABA	2686	65.4%

File Cost_and_quantity_of_raw_materials_part61

#2 region: Region code

Value	Label	Cases	Percentage
15	DIRE DAWA	112	2.7%

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.

#3 zone: Zone code

Information	[Type= discrete] [Format=numeric] [Range= 1-71] [Missing=*]
Statistics [NW/ W]	[Valid=4100 /-] [Invalid=6 /-]
Literal question	Zone code

#4 wereda: Wereda code

Information	[Type= discrete] [Format=numeric] [Range= 1-87] [Missing=*]
Statistics [NW/ W]	[Valid=2743 /-] [Invalid=1363 /-]
Literal question	Wereda code

#5 town: Town code

Information	[Type= discrete] [Format=numeric] [Range= 1-106] [Missing=*]
Statistics [NW/ W]	[Valid=4106 /-] [Invalid=0 /-]
Literal question	Town code

Frequency table not shown (105 Modalities)

#6 kefetgna: Kefetegna number

Information	[Type= discrete] [Format=numeric] [Range= 1-65] [Missing=*]
Statistics [NW/ W]	[Valid=3594 /-] [Invalid=512 /-]
Literal question	Kefetegna number

#7 kebele: Kebele number

Information	[Type= discrete] [Format=numeric] [Range= 1-88] [Missing=*]
Statistics [NW/ W]	[Valid=3913 /-] [Invalid=193 /-]
Literal question	Kebele number

#8 houseno: House number

Information	[Type= discrete] [Format=numeric] [Range= 0-4858] [Missing=*]
Statistics [NW/ W]	[Valid=2858 /-] [Invalid=1248 /-]
Literal question	House number

#9 srefyear: Survey reference year

Information	[Type= discrete] [Format=numeric] [Range= 1990-1990] [Missing=*]
Statistics [NW/ W]	[Valid=4106 /-] [Invalid=0 /-]
Literal question	Survey reference year

Value	Label	Cases	Percentage
1990	1990 (1997/1998)	4106	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=*]
Statistics [NW/ W]	[Valid=4106 /-] [Invalid=0 /-]

File Cost_and_quantity_of_raw_materials_part61

#10 isic: International standard industrial classification (ISIC)

Literal question International standard industrial classification (ISIC)

Value	Label	Cases	Percentage
1511	Production, processing and preserving of meat, fruit and veg	52	1.3%
1514	manufacture of edible oil	95	2.3%
1520	Manufacture of dairy products	6	0.1%
1531	Manufacture of flour	98	2.4%
1533	Manufacture of animal feed	32	0.8%
1541	manufacture of bakery	500	12.2%
1542	Manufacture of sugar and confecionary	41	1.0%
1544	manufacture of pasta and macaroni	16	0.4%
1549	Manufacture of food NEC	33	0.8%
1551	Distiling rectifying and blending of spirit	40	1.0%
1552	Manufacture of wine	9	0.2%
1553	Malt liquores and malt	34	0.8%
1554	Manufacture of soft drinks	54	1.3%
1600	Manufacture of tobacco	6	0.1%
1710	spining , weaving and finishing	109	2.7%
1723	Manufacture of cordage rope and twine	17	0.4%
1730	Kniting mills	27	0.7%
1810	manufacture of wearing apparal except fur	170	4.1%
1910	Tanning and dressing of leather	61	1.5%
1920	manufacture of footwear	259	6.3%
2000	Manufacture wood and wood products	59	1.4%
2100	Manufacture of paper and paper products	39	0.9%
2200	Publishing and printing services	270	6.6%
2411	Manufacture of basic chemicals except fertilizers	25	0.6%
2422	Manufacture of paints varnishes	49	1.2%
2423	Manufacture of phrmaceuticals, medicinal	25	0.6%
2424	Manufacture of soap detregents, perfumes..	129	3.1%
2429	Manufacture of chemical productsNEC	29	0.7%
2510	Manufacture of rubber	35	0.9%
2520	Manufacture of plastics	101	2.5%
2610	Manufacture of glass and glass products	11	0.3%
2693	Manufacture of structural clay products	6	0.1%
2694	Manufacture of cement ,lime and plaster	41	1.0%
2695	Manufacture of articles of concrete, cement	261	6.4%
2699	Manufacture of non-metalic NEC	34	0.8%
2710	Manufacture of basic iron and steel	32	0.8%
2811	Manufacture of structural metal products	151	3.7%
2892	Manufacture of cuttlery hand tools....	6	0.1%
2893	Manufacture of other fabricated metal products	28	0.7%
2899	Manufacture of pumps,compressors, valves and taps	39	0.9%
2914	Manufacture of ovens	33	0.8%
2919		8	0.2%

File Cost_and_quantity_of_raw_materials_part61

#10 isic: International standard industrial classification (ISIC)

Value	Label	Cases	Percentage
2925	Manufacture of other general purpose machinery	70	1.7%
2929		4	0.1%
3140	Manufacture of batteries	13	0.3%
3420	manufacture of bodies for motor vehicles	36	0.9%
3430	manufacture of parts and accessories	12	0.3%
3610	Manufacture of furniture	901	21.9%

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.

#11 estabno: Establishment number

Information	[Type= discrete] [Format=numeric] [Range= 1-9999] [Missing=*]
Statistics [NW/ W]	[Valid=4106 /-] [Invalid=0 /-]
Literal question	Establishment number

#12 phoneno: Telephone number

Information	[Type= discrete] [Format=numeric] [Range= 1-812516] [Missing=*]
Statistics [NW/ W]	[Valid=3853 /-] [Invalid=253 /-]
Literal question	Telephone number

#13 pobox: P.O.Box number

Information	[Type= discrete] [Format=numeric] [Range= 1-90319] [Missing=*]
Statistics [NW/ W]	[Valid=3170 /-] [Invalid=936 /-]
Literal question	P.O.Box number

#14 p61c1: Serial number for list of principal raw materials

Information	[Type= discrete] [Format=numeric] [Range= 1-10] [Missing=*]
Statistics [NW/ W]	[Valid=4106 /-] [Invalid=0 /-]
Definition	This variable is part of section 6.1 (Cost and Quantity of Raw Materials) of the questionnaire
Literal question	Serial number for list of principal raw materials

Value	Label	Cases	Percentage
1	1	719	17.5%
2	2	623	15.2%
3	3	559	13.6%
4	4	492	12.0%
5	5	416	10.1%
6	6	328	8.0%
7	7	245	6.0%
8	8	228	5.6%
9	9	496	12.1%
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.

#15 p61c4: Raw material code

Information	[Type= discrete] [Format=numeric] [Range= 6-1223] [Missing=*]
Statistics [NW/ W]	[Valid=1740 /-] [Invalid=2366 /-]
Definition	This variable is part of section 6.1 (Cost and Quantity of Raw Materials) of the questionnaire

File Cost_and_quantity_of_raw_materials_part61

#15 p61c4: Raw material code

Literal question	Raw material code
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Frequency table not shown (102 Modalities)

#16 p61c5: Unit of measuremnet code for raw material

Information	[Type= discrete] [Format=numeric] [Range= 2-90] [Missing=*]
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Statistics [NW/ W]	[Valid=1745 /-] [Invalid=2361 /-]
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Definition	This variable is part of section 6.1 (Cost and Quantity of Raw Materials) of the questionnaire
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Literal question	Unit of measuremnet code for raw material
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Frequency table not shown (59 Modalities)

#17 p61c6: Local raw materials quantity

Information	[Type= continuous] [Format=numeric] [Range= 1-9823148] [Missing=*]
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Statistics [NW/ W]	[Valid=1953 /-] [Invalid=2153 /-] [Mean=80237.549 /-] [StdDev=517520.212 /-]
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Definition	This variable is part of section 6.1 (Cost and Quantity of Raw Materials) of the questionnaire
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Literal question	Local raw materials quantity
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#18 p61c7: Local raw materials value

Information	[Type= continuous] [Format=numeric] [Range= 2-49317361] [Missing=*]
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Statistics [NW/ W]	[Valid=2540 /-] [Invalid=1566 /-] [Mean=640084.657 /-] [StdDev=3053722.494 /-]
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Definition	This variable is part of section 6.1 (Cost and Quantity of Raw Materials) of the questionnaire
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Literal question	Local raw materials value
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#19 p61c8: Imported raw materials quantity

Information	[Type= continuous] [Format=numeric] [Range= 1-4800000] [Missing=*]
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Statistics [NW/ W]	[Valid=1397 /-] [Invalid=2709 /-] [Mean=64233.676 /-] [StdDev=359513.172 /-]
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Definition	This variable is part of section 6.1 (Cost and Quantity of Raw Materials) of the questionnaire
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Literal question	Imported raw materials quantity
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#20 p61c9: Imported raw materials value

Information	[Type= continuous] [Format=numeric] [Range= 15-79859604] [Missing=*]
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Statistics [NW/ W]	[Valid=1869 /-] [Invalid=2237 /-] [Mean=667929.208 /-] [StdDev=3361307.436 /-]
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Definition	This variable is part of section 6.1 (Cost and Quantity of Raw Materials) of the questionnaire
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Literal question	Imported raw materials value
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#21 p61c10: Value of total raw materials

Information	[Type= continuous] [Format=numeric] [Range= 1-9823148] [Missing=*]
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Statistics [NW/ W]	[Valid=3259 /-] [Invalid=847 /-] [Mean=75621.849 /-] [StdDev=466068.194 /-]
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Definition	This variable is part of section 6.1 (Cost and Quantity of Raw Materials) of the questionnaire
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Literal question	Value of total raw materials
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#22 p61c11: Value of total raw materials

Information	[Type= continuous] [Format=numeric] [Range= 2-79859604] [Missing=*]
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Statistics [NW/ W]	[Valid=4088 /-] [Invalid=18 /-] [Mean=703076.007 /-] [StdDev=3385044.386 /-]
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Definition	This variable is part of section 6.1 (Cost and Quantity of Raw Materials) of the questionnaire
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Literal question	Value of total raw materials
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File Other_industrial_costs_part62

#1 eid: Enterprise id

Information	[Type= discrete] [Format=numeric] [Range= 15110002-36102836] [Missing=*]
Statistics [NW/ W]	[Valid=740 /-] [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=740 /-] [Invalid=0 /-]
Literal question	Region code

Value	Label	Cases	Percentage
1	TIGRAY	21	2.8%
2	AFAR	1	0.1%
3	AMHARA	79	10.7%
4	OROMIA	135	18.2%
5	SOMALIE	0	0.0%
6	BENSHANGUL	0	0.0%
7	S.N.N.P.R.	121	16.4%
12	GAMBELA	1	0.1%
13	HARARI	8	1.1%
14	ADDIS ABABA	344	46.5%
15	DIRE DAWA	30	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=737 /-] [Invalid=3 /-]
Literal question	Zone code

#4 wereda: Wereda code

Information	[Type= discrete] [Format=numeric] [Range= 1-69] [Missing=*]
Statistics [NW/ W]	[Valid=359 /-] [Invalid=381 /-]
Literal question	Wereda code

#5 town: Town code

Information	[Type= discrete] [Format=numeric] [Range= 1-106] [Missing=*]
Statistics [NW/ W]	[Valid=740 /-] [Invalid=0 /-]
Literal question	Town code

Frequency table not shown (105 Modalities)

#6 kefetgna: Kefetegna number

Information	[Type= discrete] [Format=numeric] [Range= 1-65] [Missing=*]
Statistics [NW/ W]	[Valid=585 /-] [Invalid=155 /-]
Literal question	Kefetegna number

File Other_industrial_costs_part62

#7 kebele: Kebele number

Information	[Type= discrete] [Format=numeric] [Range= 1-88] [Missing=*]
Statistics [NW/ W]	[Valid=660 /-] [Invalid=80 /-]
Literal question	Kebele number

#8 houseno: House number

Information	[Type= discrete] [Format=numeric] [Range= 1-4858] [Missing=*]
Statistics [NW/ W]	[Valid=439 /-] [Invalid=301 /-]
Literal question	House number

#9 srefyear: Survey reference year

Information	[Type= discrete] [Format=numeric] [Range= 1990-1990] [Missing=*]
Statistics [NW/ W]	[Valid=740 /-] [Invalid=0 /-]
Literal question	Survey reference year

Value	Label	Cases	Percentage
1990	1990 (1997/1998)	740	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=*]
Statistics [NW/ W]	[Valid=740 /-] [Invalid=0 /-]
Literal question	International standard industrial classification (ISIC)

Value	Label	Cases	Percentage
1511	Production, processing and preserving of meat, fruit and veg	17	2.3%
1514	manufacture of edible oil	40	5.4%
1520	Manufacture of dairy products	1	0.1%
1531	Manufacture of flour	37	5.0%
1533	Manufacture of animal feed	1	0.1%
1541	manufacture of bakery	39	5.3%
1542	Manufacture of sugar and confecionary	9	1.2%
1544	manufacture of pasta and macaroni	4	0.5%
1549	Manufacture of food NEC	8	1.1%
1551	Distiling rectifying and blending of spirit	3	0.4%
1552	Manufacture of wine	0	0.0%
1553	Malt liquores and malt	17	2.3%
1554	Manufacture of soft drinks	11	1.5%
1600	Manufacture of tobacco	2	0.3%
1710	spining , weaving and finishing	40	5.4%
1723	Manufacture of cordage rope and twine	3	0.4%
1730	Kniting mills	8	1.1%
1810	manufacture of wearing apparal except fur	17	2.3%
1910	Tanning and dressing of leather	14	1.9%
1920	manufacture of footwear	22	3.0%
2000	Manufacture wood and wood products	33	4.5%
2100	Manufacture of paper and paper products	2	0.3%

File Other_industrial_costs_part62

#10 isic: International standard industrial classification (ISIC)

Value	Label	Cases	Percentage
2200	Publishing and printing services	43	5.8%
2411	Manufacture of basic chemicals except fertilizers	8	1.1%
2422	Manufacture of paints varnishes	2	0.3%
2423	Manufacture of pharmaceuticals, medicinal	2	0.3%
2424	Manufacture of soap detergents, perfumes..	7	0.9%
2429	Manufacture of chemical products NEC	4	0.5%
2510	Manufacture of rubber	8	1.1%
2520	Manufacture of plastics	12	1.6%
2610	Manufacture of glass and glass products	3	0.4%
2693	Manufacture of structural clay products	9	1.2%
2694	Manufacture of cement ,lime and plaster	11	1.5%
2695	Manufacture of articles of concrete, cement	63	8.5%
2699	Manufacture of non-metalic NEC	17	2.3%
2710	Manufacture of basic iron and steel	6	0.8%
2811	Manufacture of structural metal products	14	1.9%
2892	Manufacture of cuttlery hand tools...	0	0.0%
2893	Manufacture of other fabricated metal products	11	1.5%
2899	Manufacture of pumps,compressors, valves and taps	12	1.6%
2914	Manufacture of ovens	3	0.4%
2925	Manufacture of other general purpose machinery	12	1.6%
2929		1	0.1%
3140	Manufacture of batteries	0	0.0%
3420	manufacture of bodies for motor vehicles	5	0.7%
3430	manufacture of parts and accessories	2	0.3%
3610	Manufacture of furniture	157	21.2%

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.

#11 estabno: Establishment number

Information	[Type= discrete] [Format=numeric] [Range= 1-2836] [Missing=*]
Statistics [NW/ W]	[Valid=740 /-] [Invalid=0 /-]
Literal question	Establishment number

#12 phoneno: Telephone number

Information	[Type= discrete] [Format=numeric] [Range= 1-812200] [Missing=*]
Statistics [NW/ W]	[Valid=686 /-] [Invalid=54 /-]
Literal question	Telephone number

#13 pobox: P.O.Box number

Information	[Type= discrete] [Format=numeric] [Range= 1-90319] [Missing=*]
Statistics [NW/ W]	[Valid=551 /-] [Invalid=189 /-]
Literal question	P.O.Box number

#14 p62c1: Serial number for list of other industrial costs

Information	[Type= discrete] [Format=numeric] [Range= 1-7] [Missing=*]
Statistics [NW/ W]	[Valid=740 /-] [Invalid=0 /-]

File Other_industrial_costs_part62

#14 p62c1: Serial number for list of other industrial costs

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	69	9.3%
2	2	105	14.2%
3	3	330	44.6%
4	4	168	22.7%
5	5	52	7.0%
6	6	16	2.2%
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.

#15 p62c4: Unit measurment

Information [Type= discrete] [Format=numeric] [Range= 2-82] [Missing=*]

Statistics [NW/ W] [Valid=282 /-] [Invalid=458 /-]

Definition This variable is part of section 6.2 (Other Industrial Costs) of the questionnaire

Literal question Unit measurment

Value	Label	Cases	Percentage
2		93	33.0%
4		1	0.4%
5		1	0.4%
10		1	0.4%
15		2	0.7%
45		1	0.4%
65		182	64.5%
82		1	0.4%
Sysmiss		458	

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.

#16 p62c5: Quantity of other inputs

Information [Type= continuous] [Format=numeric] [Range= 1-59679330] [Missing=*]

Statistics [NW/ W] [Valid=618 /-] [Invalid=122 /-] [Mean=158793.589 /-] [StdDev=2428081.008 /-]

Definition This variable is part of section 6.2 (Other Industrial Costs) of the questionnaire

Literal question Quantity of other inputs

#17 p62c6: Value of fuel and lubricating oil

Information [Type= continuous] [Format=numeric] [Range= 3-89921267] [Missing=*]

Statistics [NW/ W] [Valid=737 /-] [Invalid=3 /-] [Mean=238692.081 /-] [StdDev=3348408.975 /-]

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_part71

#1 eid: Enterprise id

Information [Type= discrete] [Format=numeric] [Range= 15110002-36102837] [Missing=*]

File Type_and_value_of_fixed_assets_part71

#1 eid: Enterprise id

Statistics [NW/ W]	[Valid=2416 /-] [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=2416 /-] [Invalid=0 /-]
Literal question	Region code

Value	Label	Cases	Percentage
1	TIGRAY	93	3.8%
2	AFAR	6	0.2%
3	AMHARA	138	5.7%
4	OROMIA	343	14.2%
5	SOMALIE	4	0.2%
6	BENSHANGUL	0	0.0%
7	S.N.N.P.R.	213	8.8%
12	GAMBELA	5	0.2%
13	HARARI	27	1.1%
14	ADDIS ABABA	1522	63.0%
15	DIRE DAWA	65	2.7%

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.

#3 zone: Zone code

Information	[Type= discrete] [Format=numeric] [Range= 1-71] [Missing=*]
Statistics [NW/ W]	[Valid=2413 /-] [Invalid=3 /-]
Literal question	Zone code

#4 wereda: Wereda code

Information	[Type= discrete] [Format=numeric] [Range= 1-87] [Missing=*]
Statistics [NW/ W]	[Valid=1557 /-] [Invalid=859 /-]
Literal question	Wereda code

#5 town: Town code

Information	[Type= discrete] [Format=numeric] [Range= 1-106] [Missing=*]
Statistics [NW/ W]	[Valid=2416 /-] [Invalid=0 /-]
Literal question	Town code

Frequency table not shown (105 Modalities)

#6 kefetgna: Kefetegna number

Information	[Type= discrete] [Format=numeric] [Range= 1-65] [Missing=*]
Statistics [NW/ W]	[Valid=2049 /-] [Invalid=367 /-]
Literal question	Kefetegna number

#7 kebele: Kebele number

Information	[Type= discrete] [Format=numeric] [Range= 1-88] [Missing=*]
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File Type_and_value_of_fixed_assets_part71

#7 kebele: Kebele number

Statistics [NW/ W] [Valid=2251 /-] [Invalid=165 /-]

Literal question Kebele number

#8 houseno: House number

Information [Type= discrete] [Format=numeric] [Range= 0-4858] [Missing=*]

Statistics [NW/ W] [Valid=1593 /-] [Invalid=823 /-]

Literal question House number

#9 srefyear: Survey reference year

Information [Type= discrete] [Format=numeric] [Range= 1990-1990] [Missing=*]

Statistics [NW/ W] [Valid=2416 /-] [Invalid=0 /-]

Literal question Survey reference year

Value	Label	Cases	Percentage
1990	1990 (1997/1998)	2416	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=*]

Statistics [NW/ W] [Valid=2416 /-] [Invalid=0 /-]

Literal question International standard industrial classification (ISIC)

Value	Label	Cases	Percentage
1511	Production, processing and preserving of meat, fruit and veg	31	1.3%
1514	manufacture of edible oil	101	4.2%
1520	Manufacture of dairy products	5	0.2%
1531	Manufacture of flour	135	5.6%
1533	Manufacture of animal feed	17	0.7%
1541	manufacture of bakery	219	9.1%
1542	Manufacture of sugar and confecionary	25	1.0%
1544	manufacture of pasta and macaroni	17	0.7%
1549	Manufacture of food NEC	41	1.7%
1551	Distiling rectifying and blending of spirit	27	1.1%
1552	Manufacture of wine	5	0.2%
1553	Malt liquores and malt	23	1.0%
1554	Manufacture of soft drinks	30	1.2%
1600	Manufacture of tobacco	4	0.2%
1710	spining , weaving and finishing	87	3.6%
1723	Manufacture of cordage rope and twine	8	0.3%
1730	Kniting mills	24	1.0%
1810	manufacture of wearing apparal except fur	77	3.2%
1910	Tanning and dressing of leather	52	2.2%
1920	manufacture of footwear	139	5.8%
2000	Manufacture wood and wood products	51	2.1%
2100	Manufacture of paper and paper products	29	1.2%
2200	Publishing and printing services	134	5.5%
2411	Manufacture of basic chemicals except fertilizers	21	0.9%

File Type_and_value_of_fixed_assets_part71

#10 isic: International standard industrial classification (ISIC)

Value	Label	Cases	Percentage
2422	Manufacture of paints varnishes	30	1.2%
2423	Manufacture of phrmaceuticals, medicinial	12	0.5%
2424	Manufacture of soap detregents, perfumes..	77	3.2%
2429	Manufacture of chemical productsNEC	17	0.7%
2510	Manufacture of rubber	19	0.8%
2520	Manufacture of plastics	81	3.4%
2610	Manufacture of glass and glass products	10	0.4%
2693	Manufacture of structural clay products	16	0.7%
2694	Manufacture of cement ,lime and plaster	33	1.4%
2695	Manufacture of articles of concrete, cement	193	8.0%
2699	Manufacture of non-metalic NEC	30	1.2%
2710	Manufacture of basic iron and steel	24	1.0%
2811	Manufacture of structural metal products	75	3.1%
2892	Manufacture of cuttlery hand tools....	4	0.2%
2893	Manufacture of other fabricated metal products	23	1.0%
2899	Manufacture of pumps,compressors, valves and taps	28	1.2%
2914	Manufacture of ovens	11	0.5%
2919		4	0.2%
2925	Manufacture of other general purpose machnery	29	1.2%
2929		4	0.2%
3140	Manufacture of battries	6	0.2%
3420	manufacture of bodies for mothor vechiles	31	1.3%
3430	manufacture of parts and accessories	4	0.2%
3610	Manufacture of furniture	353	14.6%

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.

#11 estabno: Establishment number

Information	[Type= discrete] [Format=numeric] [Range= 1-9999] [Missing=*]
Statistics [NW/ W]	[Valid=2416 /-] [Invalid=0 /-]
Literal question	Establishment number

#12 phoneno: Telephone number

Information	[Type= discrete] [Format=numeric] [Range= 1-812516] [Missing=*]
Statistics [NW/ W]	[Valid=2276 /-] [Invalid=140 /-]
Literal question	Telephone number

#13 pobox: P.O.Box number

Information	[Type= discrete] [Format=numeric] [Range= 1-90319] [Missing=*]
Statistics [NW/ W]	[Valid=1903 /-] [Invalid=513 /-]
Literal question	P.O.Box number

#14 p71c1: Type of fixed assets

Information	[Type= discrete] [Format=numeric] [Range= 1-7] [Missing=*]
Statistics [NW/ W]	[Valid=2416 /-] [Invalid=0 /-]
Definition	This variable is part of section 7.1 (Type and Value of Fixed Assets) of the questionnaire

File Type_and_value_of_fixed_assets_part71

#14 p71c1: Type of fixed assets

Literal question		Type of fixed assets	
Value	Label	Cases	Percentage
1	Dwelling houses	16	0.7%
2	Non-residential building	541	22.4%
3	Other construction and works	94	3.9%
4	Machinery	710	29.4%
5	Vehicles	420	17.4%
6	Others (office furniture and fixture)	635	26.3%
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 p71c3: Book value of the fixed assets at beginning of the year

Information	[Type= continuous] [Format=numeric] [Range= 1-147047189] [Missing=*]
Statistics [NW/ W]	[Valid=2365 /-] [Invalid=51 /-] [Mean=1309836.927 /-] [StdDev=6608624.635 /-]
Definition	This variable is part of section 7.1 (Type and Value of Fixed Assets) of the questionnaire
Literal question	Book value of the fixed assets at beginning of the year

#16 p71c4: Investment for purchase and capital repair of fixed assets

Information	[Type= continuous] [Format=numeric] [Range= 50-31224949] [Missing=*]
Statistics [NW/ W]	[Valid=690 /-] [Invalid=1726 /-] [Mean=585744.055 /-] [StdDev=2510146.756 /-]
Definition	This variable is part of section 7.1 (Type and Value of Fixed Assets) of the questionnaire
Literal question	Investment for purchase and capital repair of fixed assets

#17 p71c5: Sold and disposed during the year

Information	[Type= continuous] [Format=numeric] [Range= 2-2746188] [Missing=*]
Statistics [NW/ W]	[Valid=99 /-] [Invalid=2317 /-] [Mean=115891.949 /-] [StdDev=388986.654 /-]
Definition	This variable is part of section 7.1 (Type and Value of Fixed Assets) of the questionnaire
Literal question	Sold and disposed during the year

#18 p71c6: Depreciation during the year

Information	[Type= continuous] [Format=numeric] [Range= 1-16083415] [Missing=*]
Statistics [NW/ W]	[Valid=2242 /-] [Invalid=174 /-] [Mean=165177.65 /-] [StdDev=786246.858 /-]
Definition	This variable is part of section 7.1 (Type and Value of Fixed Assets) of the questionnaire
Literal question	Depreciation during the year

#19 p71c7: Book value of the fixed assets at end of the year

Information	[Type= continuous] [Format=numeric] [Range= 1-137312880] [Missing=*]
Statistics [NW/ W]	[Valid=2408 /-] [Invalid=8 /-] [Mean=1295733.445 /-] [StdDev=6190323.847 /-]
Definition	This variable is part of section 7.1 (Type and Value of Fixed Assets) of the questionnaire
Literal question	Book value of the fixed assets at end of the year

File Annual_investment_by_type_and_source_part72

#1 eid: Enterprise id

Information	[Type= discrete] [Format=numeric] [Range= 15110003-36102837] [Missing=*]
Statistics [NW/ W]	[Valid=1359 /-] [Invalid=0 /-]

File Annual_investment_by_type_and_source_part72

#1 eid: Enterprise id

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=1359 /-] [Invalid=0 /-]
Literal question	Region code

Value	Label	Cases	Percentage
1	TIGRAY	57	4.2%
2	AFAR	2	0.1%
3	AMHARA	86	6.3%
4	OROMIA	183	13.5%
5	SOMALIE	2	0.1%
6	BENSHANGUL	0	0.0%
7	S.N.N.P.R.	110	8.1%
12	GAMBELA	2	0.1%
13	HARARI	14	1.0%
14	ADDIS ABABA	868	63.9%
15	DIRE DAWA	35	2.6%

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 zone: Zone code

Information	[Type= discrete] [Format=numeric] [Range= 1-71] [Missing=*]
Statistics [NW/ W]	[Valid=1357 /-] [Invalid=2 /-]
Literal question	Zone code

#4 wereda: Wereda code

Information	[Type= discrete] [Format=numeric] [Range= 1-35] [Missing=*]
Statistics [NW/ W]	[Valid=885 /-] [Invalid=474 /-]
Literal question	Wereda code

#5 town: Town code

Information	[Type= discrete] [Format=numeric] [Range= 1-106] [Missing=*]
Statistics [NW/ W]	[Valid=1359 /-] [Invalid=0 /-]
Literal question	Town code

Frequency table not shown (105 Modalities)

#6 kefetgna: Kefetegna number

Information	[Type= discrete] [Format=numeric] [Range= 1-65] [Missing=*]
Statistics [NW/ W]	[Valid=1160 /-] [Invalid=199 /-]
Literal question	Kefetegna number

#7 kebele: Kebele number

Information	[Type= discrete] [Format=numeric] [Range= 1-88] [Missing=*]
Statistics [NW/ W]	[Valid=1281 /-] [Invalid=78 /-]

File Annual_investment_by_type_and_source_part72

#7 kebele: Kebele number

Literal question	Kebele number
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#8 houseno: House number

Information	[Type= discrete] [Format=numeric] [Range= 0-4858] [Missing=*]
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Statistics [NW/ W]	[Valid=942 /-] [Invalid=417 /-]
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Literal question	House number
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#9 srefyear: Survey reference year

Information	[Type= discrete] [Format=numeric] [Range= 1990-1990] [Missing=*]
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Statistics [NW/ W]	[Valid=1359 /-] [Invalid=0 /-]
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Literal question	Survey reference year
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Value	Label	Cases	Percentage
1990	1990 (1997/1998)	1359	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=*]
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Statistics [NW/ W]	[Valid=1359 /-] [Invalid=0 /-]
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Literal question	International standard industrial classification (ISIC)
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Value	Label	Cases	Percentage
1511	Production, processing and preserving of meat, fruit and veg	10	0.7%
1514	manufacture of edible oil	55	4.0%
1520	Manufacture of dairy products	2	0.1%
1531	Manufacture of flour	68	5.0%
1533	Manufacture of animal feed	6	0.4%
1541	manufacture of bakery	144	10.6%
1542	Manufacture of sugar and confecionary	16	1.2%
1544	manufacture of pasta and macaroni	8	0.6%
1549	Manufacture of food NEC	19	1.4%
1551	Distiling rectifying and blending of spirit	16	1.2%
1552	Manufacture of wine	2	0.1%
1553	Malt liquores and malt	10	0.7%
1554	Manufacture of soft drinks	14	1.0%
1600	Manufacture of tobacco	2	0.1%
1710	spining , weaving and finishing	40	2.9%
1723	Manufacture of cordage rope and twine	4	0.3%
1730	Kniting mills	8	0.6%
1810	manufacture of wearing apparal except fur	52	3.8%
1910	Tanning and dressing of leather	26	1.9%
1920	manufacture of footwear	84	6.2%
2000	Manufacture wood and wood products	26	1.9%
2100	Manufacture of paper and paper products	15	1.1%
2200	Publishing and printing services	83	6.1%
2411	Manufacture of basic chemicals except fertilzers	10	0.7%
2422	Manufacture of paints varnishes	16	1.2%

File Annual_investment_by_type_and_source_part72

#10 isic: International standard industrial classification (ISIC)

Value	Label	Cases	Percentage
2423	Manufacture of pharmaceuticals, medicinal	8	0.6%
2424	Manufacture of soap detergents, perfumes..	40	2.9%
2429	Manufacture of chemical productsNEC	10	0.7%
2510	Manufacture of rubber	9	0.7%
2520	Manufacture of plastics	46	3.4%
2610	Manufacture of glass and glass products	4	0.3%
2693	Manufacture of structural clay products	6	0.4%
2694	Manufacture of cement ,lime and plaster	12	0.9%
2695	Manufacture of articles of concrete, cement	102	7.5%
2699	Manufacture of non-metalic NEC	17	1.3%
2710	Manufacture of basic iron and steel	14	1.0%
2811	Manufacture of structural metal products	46	3.4%
2892	Manufacture of cuttlery hand tools...	2	0.1%
2893	Manufacture of other fabricated metal products	16	1.2%
2899	Manufacture of pumps,compressors, valves and taps	11	0.8%
2914	Manufacture of ovens	9	0.7%
2919		6	0.4%
2925	Manufacture of other general purpose machinery	18	1.3%
2929		2	0.1%
3140	Manufacture of batteries	4	0.3%
3420	manufacture of bodies for motor vehicles	16	1.2%
3430	manufacture of parts and accessories	3	0.2%
3610	Manufacture of furniture	222	16.3%

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.

#11 estabno: Establishment number

Information	[Type= discrete] [Format=numeric] [Range= 1-9999] [Missing=*]
Statistics [NW/ W]	[Valid=1359 /-] [Invalid=0 /-]
Literal question	Establishment number

#12 phoneno: Telephone number

Information	[Type= discrete] [Format=numeric] [Range= 1-812516] [Missing=*]
Statistics [NW/ W]	[Valid=1291 /-] [Invalid=68 /-]
Literal question	Telephone number

#13 pobox: P.O.Box number

Information	[Type= discrete] [Format=numeric] [Range= 1-90319] [Missing=*]
Statistics [NW/ W]	[Valid=1054 /-] [Invalid=305 /-]
Literal question	P.O.Box number

#14 p72c1: Source of financing

Information	[Type= discrete] [Format=numeric] [Range= 1-6] [Missing=*]
Statistics [NW/ W]	[Valid=1359 /-] [Invalid=0 /-]
Definition	This variable is part of section 7.2 (Annual Investment by Type and Source) of the questionnaire
Literal question	Source of financing

File Annual_investment_by_type_and_source_part72

#14 p72c1: Source of financing

Value	Label	Cases	Percentage
1	Total domestic source	628	46.2%
2	Own fund	574	42.2%
3	Bank loan	98	7.2%
4	Others	51	3.8%
5	Foreign source	8	0.6%
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.

#15 p72c3: Investment on fixed assets

Information	[Type= continuous] [Format=numeric] [Range= 250-50006750] [Missing=*]
Statistics [NW/ W]	[Valid=663 -] [Invalid=696 -] [Mean=1188688.593 -] [StdDev=4283285.43 -]
Definition	This variable is part of section 7.2 (Annual Investment by Type and Source) of the questionnaire
Literal question	Investment on fixed assets in Birr

#16 p72c4: Working capital

Information	[Type= continuous] [Format=numeric] [Range= 367-167267633] [Missing=*]
Statistics [NW/ W]	[Valid=1162 -] [Invalid=197 -] [Mean=3909650.211 -] [StdDev=12399563.919 -]
Definition	This variable is part of section 7.2 (Annual Investment by Type and Source) 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= 15110002-36102837] [Missing=*]
Statistics [NW/ W]	[Valid=2835 -] [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=2835 -] [Invalid=0 -]
Literal question	Region code

Value	Label	Cases	Percentage
1	TIGRAY	114	4.0%
2	AFAR	8	0.3%
3	AMHARA	138	4.9%
4	OROMIA	292	10.3%
5	SOMALIE	4	0.1%
6	BENSHANGUL	0	0.0%
7	S.N.N.P.R.	370	13.1%
12	GAMBELA	1	0.0%
13	HARARI	30	1.1%
14	ADDIS ABABA	1788	63.1%

File Annual_production_at_full_capacity_part81

#2 region: Region code

Value	Label	Cases	Percentage
15	DIRE DAWA	90	3.2%

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 zone: Zone code

Information	[Type= discrete] [Format=numeric] [Range= 1-71] [Missing=*]
Statistics [NW/ W]	[Valid=2828 /-] [Invalid=7 /-]
Literal question	Zone code

#4 wereda: Wereda code

Information	[Type= discrete] [Format=numeric] [Range= 1-87] [Missing=*]
Statistics [NW/ W]	[Valid=1809 /-] [Invalid=1026 /-]
Literal question	Wereda code

#5 town: Town code

Information	[Type= discrete] [Format=numeric] [Range= 1-106] [Missing=*]
Statistics [NW/ W]	[Valid=2835 /-] [Invalid=0 /-]
Literal question	Town code

Frequency table not shown (105 Modalities)

#6 kefetgna: Kefetegna number

Information	[Type= discrete] [Format=numeric] [Range= 1-65] [Missing=*]
Statistics [NW/ W]	[Valid=2485 /-] [Invalid=350 /-]
Literal question	Kefetegna number

#7 kebele: Kebele number

Information	[Type= discrete] [Format=numeric] [Range= 1-88] [Missing=*]
Statistics [NW/ W]	[Valid=2709 /-] [Invalid=126 /-]
Literal question	Kebele number

#8 houseno: House number

Information	[Type= discrete] [Format=numeric] [Range= 0-4858] [Missing=*]
Statistics [NW/ W]	[Valid=1971 /-] [Invalid=864 /-]
Literal question	House number

#9 srefyear: Survey reference year

Information	[Type= discrete] [Format=numeric] [Range= 1990-1990] [Missing=*]
Statistics [NW/ W]	[Valid=2835 /-] [Invalid=0 /-]
Literal question	Survey reference year

Value	Label	Cases	Percentage
1990	1990 (1997/1998)	2835	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=*]
Statistics [NW/ W]	[Valid=2835 /-] [Invalid=0 /-]

File Annual_production_at_full_capacity_part81

#10 isic: International standard industrial classification (ISIC)

Literal question International standard industrial classification (ISIC)

Value	Label	Cases	Percentage
1511	Production, processing and preserving of meat, fruit and veg	36	1.3%
1514	manufacture of edible oil	82	2.9%
1520	Manufacture of dairy products	5	0.2%
1531	Manufacture of flour	87	3.1%
1533	Manufacture of animal feed	10	0.4%
1541	manufacture of bakery	199	7.0%
1542	Manufacture of sugar and confecionary	16	0.6%
1544	manufacture of pasta and macaroni	10	0.4%
1549	Manufacture of food NEC	21	0.7%
1551	Distiling rectifying and blending of spirit	42	1.5%
1552	Manufacture of wine	1	0.0%
1553	Malt liquores and malt	11	0.4%
1554	Manufacture of soft drinks	21	0.7%
1600	Manufacture of tobacco	3	0.1%
1710	spining , weaving and finishing	70	2.5%
1723	Manufacture of cordage rope and twine	11	0.4%
1730	Kniting mills	23	0.8%
1810	manufacture of wearing apparal except fur	119	4.2%
1910	Tanning and dressing of leather	38	1.3%
1920	manufacture of footwear	99	3.5%
2000	Manufacture wood and wood products	52	1.8%
2100	Manufacture of paper and paper products	32	1.1%
2200	Publishing and printing services	147	5.2%
2411	Manufacture of basic chemicals except fertilizers	12	0.4%
2422	Manufacture of paints varnishes	22	0.8%
2423	Manufacture of phrmaceuticals, medicinal	24	0.8%
2424	Manufacture of soap detregents, perfumes..	62	2.2%
2429	Manufacture of chemical productsNEC	7	0.2%
2510	Manufacture of rubber	19	0.7%
2520	Manufacture of plastics	101	3.6%
2610	Manufacture of glass and glass products	15	0.5%
2693	Manufacture of structural clay products	5	0.2%
2694	Manufacture of cement ,lime and plaster	13	0.5%
2695	Manufacture of articles of concrete, cement	237	8.4%
2699	Manufacture of non-metalic NEC	24	0.8%
2710	Manufacture of basic iron and steel	23	0.8%
2811	Manufacture of structural metal products	113	4.0%
2892	Manufacture of cuttlery hand tools....	1	0.0%
2893	Manufacture of other fabricated metal products	33	1.2%
2899	Manufacture of pumps,compressors, valves and taps	24	0.8%
2914	Manufacture of ovens	16	0.6%
2919		1	0.0%

File Annual_production_at_full_capacity_part81

#10 isic: International standard industrial classification (ISIC)

Value	Label	Cases	Percentage
2925	Manufacture of other general purpose machinery	44	1.6%
2929		3	0.1%
3140	Manufacture of batteries	10	0.4%
3420	manufacture of bodies for motor vehicles	47	1.7%
3430	manufacture of parts and accessories	7	0.2%
3610	Manufacture of furniture	837	29.5%

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.

#11 estabno: Establishment number

Information	[Type= discrete] [Format=numeric] [Range= 1-9999] [Missing=*]
Statistics [NW/ W]	[Valid=2835 /-] [Invalid=0 /-]
Literal question	Establishment number

#12 phoneno: Telephone number

Information	[Type= discrete] [Format=numeric] [Range= 1-812516] [Missing=*]
Statistics [NW/ W]	[Valid=2662 /-] [Invalid=173 /-]
Literal question	Telephone number

#13 pobox: P.O.Box number

Information	[Type= discrete] [Format=numeric] [Range= 1-90319] [Missing=*]
Statistics [NW/ W]	[Valid=2177 /-] [Invalid=658 /-]
Literal question	P.O.Box number

Frequency table not shown (499 Modalities)

#14 p81c1: Serial number for products description

Information	[Type= discrete] [Format=numeric] [Range= 1-10] [Missing=*]
Statistics [NW/ W]	[Valid=2835 /-] [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	723	25.5%
2	2	551	19.4%
3	3	411	14.5%
4	4	316	11.1%
5	5	238	8.4%
6	6	183	6.5%
7	7	140	4.9%
8	8	105	3.7%
9	9	168	5.9%
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.

#15 p81c4: Product code

Information	[Type= discrete] [Format=numeric] [Range= 1-9999] [Missing=*]
Statistics [NW/ W]	[Valid=2835 /-] [Invalid=0 /-]

File Annual_production_at_full_capacity_part81

#15 p81c4: Product code

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
<i>Frequency table not shown (116 Modalities)</i>	

#16 p81c5: Unit measurment

Information	[Type= discrete] [Format=numeric] [Range= 2-90] [Missing=*]
Statistics [NW/ W]	[Valid=1219 /-] [Invalid=1616 /-]
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
<i>Frequency table not shown (59 Modalities)</i>	

#17 p81c6: Quantity of product that can be produced annually

Information	[Type= continuous] [Format=numeric] [Range= 1-172113720] [Missing=*]
Statistics [NW/ W]	[Valid=2603 /-] [Invalid=232 /-] [Mean=572244.222 /-] [StdDev=5371123.04 /-]
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

#18 p81c7: Value of production at market price

Information	[Type= continuous] [Format=numeric] [Range= 108-612900000] [Missing=*]
Statistics [NW/ W]	[Valid=2834 /-] [Invalid=1 /-] [Mean=4728972.46 /-] [StdDev=23854289.657 /-]
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= 15110002-36102837] [Missing=*]
Statistics [NW/ W]	[Valid=3164 /-] [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=3164 /-] [Invalid=0 /-]
Literal question	Region code

Value	Label	Cases	Percentage
1	TIGRAY	125	4.0%
2	AFAR	10	0.3%
3	AMHARA	186	5.9%
4	OROMIA	333	10.5%
5	SOMALIE	2	0.1%
6	BENSHANGUL	0	0.0%
7	S.N.N.P.R.	283	8.9%

File**Estimate_value_and_quantity_of_raw_materials_needed_at_full_capacity_part82****#2 region: Region code**

Value	Label	Cases	Percentage
12	GAMBELA	3	0.1%
13	HARARI	34	1.1%
14	ADDIS ABABA	2105	66.5%
15	DIRE DAWA	83	2.6%

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 zone: Zone code

Information	[Type= discrete] [Format=numeric] [Range= 1-71] [Missing=*]
Statistics [NW/ W]	[Valid=3158 /-] [Invalid=6 /-]
Literal question	Zone code

#4 wereda: Wereda code

Information	[Type= discrete] [Format=numeric] [Range= 1-87] [Missing=*]
Statistics [NW/ W]	[Valid=2143 /-] [Invalid=1021 /-]
Literal question	Wereda code

#5 town: Town code

Information	[Type= discrete] [Format=numeric] [Range= 1-106] [Missing=*]
Statistics [NW/ W]	[Valid=3164 /-] [Invalid=0 /-]
Literal question	Town code

Frequency table not shown (105 Modalities)

#6 kefetgna: Kefetegna number

Information	[Type= discrete] [Format=numeric] [Range= 1-65] [Missing=*]
Statistics [NW/ W]	[Valid=2773 /-] [Invalid=391 /-]
Literal question	Kefetegna number

#7 kebele: Kebele number

Information	[Type= discrete] [Format=numeric] [Range= 1-88] [Missing=*]
Statistics [NW/ W]	[Valid=3029 /-] [Invalid=135 /-]
Literal question	Kebele number

#8 houseno: House number

Information	[Type= discrete] [Format=numeric] [Range= 0-4858] [Missing=*]
Statistics [NW/ W]	[Valid=2280 /-] [Invalid=884 /-]
Literal question	House number

#9 srefyear: Survey reference year

Information	[Type= discrete] [Format=numeric] [Range= 1990-1990] [Missing=*]
Statistics [NW/ W]	[Valid=3164 /-] [Invalid=0 /-]
Literal question	Survey reference year

Value	Label	Cases	Percentage
1990	1990 (1997/1998)	3164	100.0%

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

File**Estimate_value_and_quantity_of_raw_materials_needed_at_full_capacity_part82****#10 isic: International standard industrial classification (ISIC)****Information** [Type= discrete] [Format=numeric] [Range= 1511-3610] [Missing=*]**Statistics [NW/ W]** [Valid=3164 -/] [Invalid=0 -/]**Literal question** International standard industrial classification (ISIC)

Value	Label	Cases	Percentage
1511	Production, processing and preserving of meat, fruit and veg	34	1.1%
1514	manufacture of edible oil	74	2.3%
1520	Manufacture of dairy products	6	0.2%
1531	Manufacture of flour	63	2.0%
1533	Manufacture of animal feed	18	0.6%
1541	manufacture of bakery	418	13.2%
1542	Manufacture of sugar and confecionary	38	1.2%
1544	manufacture of pasta and macaroni	11	0.3%
1549	Manufacture of food NEC	26	0.8%
1551	Distiling rectifying and blending of spirit	35	1.1%
1552	Manufacture of wine	6	0.2%
1553	Malt liqores and malt	22	0.7%
1554	Manufacture of soft drinks	37	1.2%
1600	Manufacture of tobacco	5	0.2%
1710	spining , weaving and finishing	82	2.6%
1723	Manufacture of cordage rope and twine	9	0.3%
1730	Kniting mills	23	0.7%
1810	manufacture of wearing apparal except fur	123	3.9%
1910	Tanning and dressing of leather	48	1.5%
1920	manufacture of footwear	213	6.7%
2000	Manufacture wood and wood products	43	1.4%
2100	Manufacture of paper and paper products	28	0.9%
2200	Publishing and printing services	199	6.3%
2411	Manufacture of basic chemicals except fertilizers	17	0.5%
2422	Manufacture of paints varnishes	35	1.1%
2423	Manufacture of phrmaceuticals, medicinal	18	0.6%
2424	Manufacture of soap detregents, perfumes..	103	3.3%
2429	Manufacture of chemical productsNEC	22	0.7%
2510	Manufacture of rubber	27	0.9%
2520	Manufacture of plastics	82	2.6%
2610	Manufacture of glass and glass products	9	0.3%
2693	Manufacture of structural clay products	7	0.2%
2694	Manufacture of cement ,lime and plaster	27	0.9%
2695	Manufacture of articles of concrete, cement	233	7.4%
2699	Manufacture of non-metalic NEC	25	0.8%
2710	Manufacture of basic iron and steel	23	0.7%
2811	Manufacture of structural metal products	122	3.9%
2892	Manufacture of cuttlery hand tools....	0	0.0%
2893	Manufacture of other fabricated metal products	20	0.6%

File**Estimate_value_and_quantity_of_raw_materials_needed_at_full_capacity_part82****#10 isic: International standard industrial classification (ISIC)**

Value	Label	Cases	Percentage
2899	Manufacture of pumps,compressors, valves and taps	31	1.0%
2914	Manufacture of ovens	24	0.8%
2919		6	0.2%
2925	Manufacture of other general purpose machinery	53	1.7%
2929		4	0.1%
3140	Manufacture of batteries	10	0.3%
3420	manufacture of bodies for motor vehicles	23	0.7%
3430	manufacture of parts and accessories	10	0.3%
3610	Manufacture of furniture	672	21.2%

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.

#11 estabno: Establishment number

Information	[Type= discrete] [Format=numeric] [Range= 1-9999] [Missing=*]
Statistics [NW/ W]	[Valid=3164 /-] [Invalid=0 /-]
Literal question	Establishment number

#12 phoneno: Telephone number

Information	[Type= discrete] [Format=numeric] [Range= 1-812516] [Missing=*]
Statistics [NW/ W]	[Valid=2973 /-] [Invalid=191 /-]
Literal question	Telephone number

#13 pobox: P.O.Box number

Information	[Type= discrete] [Format=numeric] [Range= 1-90319] [Missing=*]
Statistics [NW/ W]	[Valid=2424 /-] [Invalid=740 /-]
Literal question	P.O.Box number

#14 p82c1: Serial number for raw material list

Information	[Type= discrete] [Format=numeric] [Range= 1-7] [Missing=*]
Statistics [NW/ W]	[Valid=3164 /-] [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 list

Value	Label	Cases	Percentage
1	1	711	22.5%
2	2	607	19.2%
3	3	538	17.0%
4	4	461	14.6%
5	5	381	12.0%
6	6	466	14.7%
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.

#15 p82c4: Raw material code

Information	[Type= discrete] [Format=numeric] [Range= 6-9999] [Missing=*]
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File

Estimate_value_and_quantity_of_raw_materials_needed_at_full_capacity_part82

#15 p82c4: Raw material code

Statistics [NW/ W]	[Valid=3164 -/] [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 (101 Modalities)

#16 p82c5: Unit of measurment

Information	[Type= discrete] [Format=numeric] [Range= 2-90] [Missing=*]
Statistics [NW/ W]	[Valid=1521 -/] [Invalid=1643 -/]
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 quanti of raw material

Frequency table not shown (59 Modalities)

#17 p82c6: Quantity of local raw materials

Information	[Type= continuous] [Format=numeric] [Range= 1-27665000] [Missing=*]
Statistics [NW/ W]	[Valid=1600 -/] [Invalid=1564 -/] [Mean=166571.919 -/] [StdDev=1042337.727 -/]
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 local raw materials

#18 p82c7: Value of local raw materials

Information	[Type= continuous] [Format=numeric] [Range= 24-128584426] [Missing=*]
Statistics [NW/ W]	[Valid=2010 -/] [Invalid=1154 -/] [Mean=1731272.684 -/] [StdDev=7268285.805 -/]
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

#19 p82c8: Quantity of imported raw materials

Information	[Type= continuous] [Format=numeric] [Range= 1-209291614] [Missing=*]
Statistics [NW/ W]	[Valid=1064 -/] [Invalid=2100 -/] [Mean=344943.911 -/] [StdDev=6473306.608 -/]
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

#20 p82c9: Value of imported raw materials

Information	[Type= continuous] [Format=numeric] [Range= 98-265201094] [Missing=*]
Statistics [NW/ W]	[Valid=1420 -/] [Invalid=1744 -/] [Mean=1913142.868 -/] [StdDev=10655143.104 -/]
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

#21 p82c10: Total quantity of estimated raw materials

Information	[Type= continuous] [Format=numeric] [Range= 1-209291614] [Missing=*]
Statistics [NW/ W]	[Valid=2590 -/] [Invalid=574 -/] [Mean=244608.259 -/] [StdDev=4230815.171 -/]

File**Estimate_value_and_quantity_of_raw_materials_needed_at_full_capacity_part82****#21 p82c10: Total quantity of estimated raw materials**

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

#22 p82c11: Total value of estimated raw materials

Information	[Type= continuous] [Format=numeric] [Range= 56-265201094] [Missing=*]
Statistics [NW/ W]	[Valid=3156 /-] [Invalid=8 /-] [Mean=1963409.685 /-] [StdDev=9305548.33 /-]
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.....	97
Study Documentation.....	97
Report on Large and Medium Scale Manufacturing and Electricity Industries Survey.....	97
Questionnaires.....	97
Large and Medium Manufacturing and Electricity Industries Survey 1997-1998 - Questionnaire.....	97
Technical documents.....	97
Form for Requesting Access to Raw Data.....	97

Reports and analytical documents

Study Documentation, Central Statistical Agency, December 2010, Ethiopia [eth], English [eng], "Doc\Reports\LMMIS_1998_Metadata.pdf"

Report on Large and Medium Scale Manufacturing and Electricity Industries Survey, Central Statistical Agency, September 1999, 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 1997-1998 - Questionnaire, Central Statistical Agency, April 1999, 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"