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**

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### Ethiopia (1999) Large and Medium Manufacturing and Electricity Industries Survey 1997-1998 (1990 E.C) (LMMIS 1998)

Overview	
Туре	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

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 powerdriven machines or by hand, whether it is done in a factory or in the worker's home, and whether the products are sold at wholesale or retail. The assembly of the component parts of manufactured products is also considered as manufacturing activities."

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

In this survey attempt was made to update the directory using as source of information the licenses issued by the Ministry of 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.

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

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

#### Scope & Coverage

#### <u>Scope</u>

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

#### Keywords

Manufacturing, An Establishment, Paid-up Capital, Working Proprietors, Active Partners and Family Workers, Administrative and Technical Employees, Production Workers,

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

#### Geographic Coverage National

#### <u>Universe</u>

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 form 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 questinnaire contains the following sections/ items:

Section 1.1. Adress 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, Establishmnet no, Eelephone 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 varibles 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)

### **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) , <u>http://</u> www.csa.gov.et , <u>csa@csa.gov.et</u>
Contact(s)	Data Administrator (Ethiopia Central Statistical Agency (CSA)) , <u>http://www.csa.gov.et</u> , <u>data@csa.gov.et</u>

#### 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 Ethicsis Control Statistical Agency	

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)				

#### <u>Producer</u> 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 St	tatistical Agency				

# Variables List

Dataset contains 369 variable(s)

#	Name	Label	Туре	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	<u>town</u>	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	houseno	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	<u>htown</u>	Town code for head office	discrete	numeric-2.0	49	676	Town code for head office
18	<u>hkeftgna</u>	Kefetegna number of head office	discrete	numeric-2.0	49	676	Kefetegna number of head office
19	<u>hkebele</u>	Kebele number of head office	discrete	numeric-2.0	49	676	Kebele number of head office
20	<u>hhouseno</u>	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	<u>hpobox</u>	P.O.Box of head office	discrete	numeric-5.0	42	683	P.O.Box of head office
23	<u>p2q2</u>	Number of establishment	continuous	numeric-1.0	56	669	If multi-establishment enterprise, number of establishment
24	<u>p2q3m</u>	Month of commencement	continuous	numeric-2.0	607	118	Month of commencement of operation (in Ethiopian calendar year)
25	<u>p2q3y</u>	Year of commencement	continuous	numeric-4.0	725	0	Year of commencement of operation (in Ethiopian calendar year)
26	<u>p2q4</u>	Keep books of accounts	discrete	numeric-1.0	725	0	Do you keep books of accounts ? (if yes attach detailed statement of accounts)
27	<u>p2q5</u>	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

#	Name	Label	Туре	Format	Valid	Invalid	Question
28	<u>p2q6</u>	Type of ownership	discrete	numeric-1.0	725	0	Type of ownership of the establishment
29	<u>p2q7</u>	Legal form of the establishment	discrete	numeric-1.0	585	140	What is the legal form of organization ?
30	<u>p2q8m</u>	Number of male owners	continuous	numeric-2.0	509	216	Number of male owners of the establishments
31	<u>p2q8f</u>	Number of female owners	continuous	numeric-2.0	187	538	Number of female owners of the establishments
32	<u>p2q8t</u>	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	<u>p2q9neth</u>	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	<u>p2q11a</u>	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	<u>p2q11c</u>	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	<u>p2q12</u>	Ownership of non- residential buildings	discrete	numeric-1.0	725	0	Ownership of non-residential buildings
44	<u>p2q13</u>	Source of non-residential buildings	discrete	numeric-1.0	543	182	What was the source of ownership ?
45	<u>p31c3t</u>	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	<u>p31c4t</u>	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	<u>p31c5t</u>	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)

#	Name	Label	Туре	Format	Valid	Invalid	Question
48	<u>p31c6t</u>	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	<u>p31c7t</u>	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	<u>p31c8t</u>	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	<u>p31c9t</u>	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	<u>p31c10t</u>	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	<u>p31c11t</u>	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	<u>p31c12t</u>	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	<u>p31c13t</u>	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	<u>p31c14t</u>	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	<u>p32c3t</u>	Total wage for male Ethiopian	continuous	numeric-8.0	707	18	Total wage for male Ethiopian
58	<u>p32c4t</u>	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	<u>p32c7t</u>	Commission, bonuses, proffional and hardship allowance	continuous	numeric-7.0	244	481	Commission, bonuses, proffional and hardship allowance
62	<u>p32c8t</u>	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	<u>p32c9t</u>	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	<u>p33c3t</u>	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

#	Name	Label	Туре	Format	Valid	Invalid	Question
65	<u>p33c4t</u>	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	<u>p33c5t</u>	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	<u>p33c6t</u>	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	<u>p33c7t</u>	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	<u>p33c8t</u>	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	<u>p33c9t</u>	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	<u>p33c10t</u>	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	<u>p33c11t</u>	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	<u>p33c12t</u>	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	<u>p33c13t</u>	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	<u>p33c14t</u>	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	<u>p33c15t</u>	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	<u>p33c16t</u>	Total number of permanent employees	continuous	numeric-5.0	710	15	Total number of permanent employees
78	<u>p41c8t</u>	Total value of production	continuous	numeric-9.0	722	3	Total value of production
79	<u>p41c10t</u>	Total sales value	continuous	numeric-9.0	722	3	Total sales value
80	<u>p41c12t</u>	Total value of exported sales	continuous	numeric-9.0	28	697	Total value of exported sales
81	<u>p42c2</u>	Value of contract workdone for other by their materials	continuous	numeric-8.0	118	607	Value of contract workdone for other by their materials

#	Name	Label	Туре	Format	Valid	Invalid	Question
82	<u>p42c3</u>	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	<u>p42c4</u>	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	<u>p42c5</u>	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	<u>p42c6</u>	Interest received	continuous	numeric-7.0	21	704	Interest received
86	<u>p42c7</u>	Rental income from lease of machinery and equipment	continuous	numeric-7.0	101	624	Rental income from lease of machinery and equipment
87	<u>p42c8</u>	Insurance claims	continuous	numeric-9.0	6	719	Insurance claims
88	<u>p42c9</u>	Subsidy	continuous	numeric-8.0	3	722	Subsidy
89	p42c10	Other income	continuous	numeric-8.0	285	440	Other income
90	<u>p42c11</u>	Total value of services and other receipts	continuous	numeric-9.0	401	324	Total value of services and other receipts
91	<u>p61c7t</u>	Total value of local raw materials	continuous	numeric-9.0	670	55	Total value of local raw materials
92	<u>p61c9t</u>	Total value of Imported raw materials	continuous	numeric-9.0	528	197	Total value of Imported raw materials
93	<u>p61c11t</u>	Value of total raw materials	continuous	numeric-9.0	721	4	Value of total raw materials
94	<u>p62c6t</u>	Total value of fuel and lubricating oil	continuous	numeric-9.0	435	290	Total value of fuel and lubricating oil
95	<u>p62c7t</u>	Electricity conmsuption in KWH	continuous	numeric-9.0	240	485	Electricity conmsuption in KWH
96	<u>p62c8t</u>	Cost of electricity consumed	continuous	numeric-9.0	717	8	Cost of electricity consumed
97	p <u>62c9t</u>	Cost of wood and charcoal for energy	continuous	numeric-6.0	75	650	Cost of wood and charcoal for energy
98	<u>p62c10t</u>	Cost of water consumed	continuous	numeric-7.0	520	205	Cost of water consumed
99	<u>p62c11t</u>	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	<u>p62c12t</u>	Cost of goods bought and resold	continuous	numeric-9.0	43	682	Cost of goods bought and resold
101	<u>p62c13t</u>	Cost of repair and mainterance	continuous	numeric-8.0	46	679	Cost of repair and mainterance
102	<u>p62c14t</u>	Total value of other inputs	continuous	numeric-9.0	725	0	Total value of other inputs
103	<u>p63c2</u>	License fee	continuous	numeric-9.0	592	133	License fee
104	<u>p63c3</u>	Advertising	continuous	numeric-8.0	287	438	Advertising
105	<u>p63c4</u>	Stationary, telephone and mailing expenses	continuous	numeric-8.0	697	28	Stationary, telephone and mailing expenses
106	p <u>63c5</u>	Payment for accounting, legal commission, etc	continuous	numeric-9.0	270	455	Payment for accounting, legal commission, etc
107	<u>p63c6</u>	Transport cost	continuous	numeric-9.0	607	118	Transport cost

#	Name	Label	Туре	Format	Valid	Invalid	Question
108	<u>p63c7</u>	Interest payments	continuous	numeric-7.0	239	486	Interest payments
109	<u>p63c8</u>	Bank charges	continuous	numeric-7.0	268	457	Bank charges
110	<u>p63c9</u>	Dividend payments	continuous	numeric-8.0	9	716	Dividend payments
111	<u>p63c10</u>	Rent payable for rental of structures and equipment	continuous	numeric-8.0	296	429	Rent payable for rental of structures and equipment
112	<u>p63c11</u>	Insurance premium on property	continuous	numeric-9.0	390	335	Insurance premium on property
113	<u>p63c12</u>	Others non-industrials costs	continuous	numeric-9.0	534	191	Others non-industrials costs
114	p <u>63c13</u>	Total value of other non- industrial expenses	continuous	numeric-10.0	723	2	Total value of other non-industrial expenses
115	<u>p64c2</u>	Indirect taxes payments	continuous	numeric-9.0	669	56	Indirect taxes payments
116	<u>p64c3</u>	Income tax paid on profit	continuous	numeric-9.0	666	59	Income tax paid on profit
117	<u>p64c5</u>	Total taxes paid	continuous	numeric-9.0	669	56	Total taxes paid
118	<u>p71c3t</u>	Total book value of the fixed assets at begining of the year	continuous	numeric-9.0	708	17	Total book value of the fixed assets at begining of the year
119	<u>p71c4t</u>	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	<u>p71c5t</u>	Total sold and disposed during the year	continuous	numeric-8.0	70	655	Total sold and disposed during the year
121	<u>p71c6t</u>	Total depreciation during the year	continuous	numeric-8.0	688	37	Total depreciation during the year
122	<u>p71c7t</u>	Total book value of the fixed assers at end of the year	continuous	numeric-9.0	713	12	Total book value of the fixed assers at end of the year
123	<u>p72c3t</u>	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	<u>p81c7t</u>	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	<u>p82c7t</u>	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	<u>p82c9t</u>	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	<u>p82c11t</u>	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	<u>p83a</u>	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	<u>p83b</u>	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	File Dataset_at_establishment_level_for_1990(1997-1998)												
#	Name	Label	Туре	Format	Valid	Invalid	Question						
131	<u>p83c</u>	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	<u>p84a</u>	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	<u>p84b</u>	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	<u>p84c</u>	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	Туре	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	<u>town</u>	Town code	discrete	numeric-2.0	2127	0	Town code
6	kefetgna	Kefetegna number	discrete	numeric-2.0	1815	312	Kefetegna number
7	<u>kebele</u>	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	<u>estabno</u>	Establishment number	discrete	numeric-4.0	2127	0	Establishment number
12	phoneno	Telephone number	discrete	numeric-6.0	1995	132	Telephone number
13	<u>pobox</u>	P.O.Box number	discrete	numeric-5.0	1612	515	P.O.Box number
14	<u>p31c1</u>	General occupation	discrete	numeric-1.0	2127	0	General occupation
15	<u>p31c3</u>	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	<u>p31c4</u>	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	<u>p31c5</u>	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	<u>p31c6</u>	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	<u>p31c7</u>	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	File Number_of_persons_engaged_part31											
#	Name	Label	Туре	Format	Valid	Invalid	Question					
20	<u>p31c8</u>	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	<u>p31c9</u>	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	<u>p31c10</u>	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	<u>p31c11</u>	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	<u>p31c12</u>	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	<u>p31c13</u>	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	<u>p31c14</u>	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	<u>p31c16</u>	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	Туре	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	<u>town</u>	Town code	discrete	numeric-2.0	1440	0	Town code
6	kefetgna	Kefetegna number	discrete	numeric-2.0	1241	199	Kefetegna number
7	<u>kebele</u>	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	<u>estabno</u>	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	<u>p32c1</u>	General occupation	discrete	numeric-1.0	1440	0	General occupation
15	p <u>32c3</u>	Wage for male Ethiopian	continuous	numeric-8.0	1369	71	Wage for male Ethiopian
16	<u>p32c4</u>	Wage for female Ethiopian	continuous	numeric-8.0	954	486	Wage for female Ethiopian

File	File Wages_and_salaries_and_other_employee_benefits_paid_part32											
#	Name	Label	Туре	Format	Valid	Invalid	Question					
17	<u>p32c5</u>	Wage for foreigners	continuous	numeric-8.0	18	1422	Wage for foreigners					
18	<u>p32c6</u>	Wage total	continuous	numeric-8.0	1401	39	Wage total					
19	<u>p32c7</u>	Commission, bonuses, proffional and hardship allowances	continuous	numeric-7.0	0	1440	Commission, bonuses, proffional and hardship allowances					
20	<u>p32c8</u>	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	<u>p32c9</u>	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	<u>p32c10</u>	No of shifts	continuous	numeric-1.0	709	731	Number of shifts					
23	p <u>32c11</u>	No of hours per day	continuous	numeric-2.0	704	736	Number of hours per day					
24	p <u>32c12</u>	Months	continuous	numeric-2.0	702	738	Months					
25	<u>p32c13</u>	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	Туре	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	<u>town</u>	Town code	discrete	numeric-2.0	1308	0	Town code			
6	kefetgna	Kefetegna number	discrete	numeric-2.0	1130	178	Kefetegna number			
7	<u>kebele</u>	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	<u>phoneno</u>	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	<u>p33c1</u>	Sex	discrete	numeric-1.0	1308	0	Sex of permanent employees			
15	<u>p33c3</u>	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	<u>p33c4</u>	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	<u>p33c5</u>	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
				_~			_3	

#	Name	Label	Туре	Format	Valid	Invalid	Question
		group between 105 and 150					
18	<u>p33c6</u>	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	<u>p33c7</u>	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	<u>p33c8</u>	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	<u>p33c9</u>	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	<u>p33c10</u>	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	<u>p33c11</u>	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	<u>p33c12</u>	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	<u>p33c13</u>	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	<u>p33c14</u>	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	<u>p33c15</u>	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	<u>p33c16</u>	Total number of permanent employees	continuous	numeric-5.0	1308	0	Total number of permanent employees

# File Products\_and\_by\_products\_part41

	1	1					1
#	Name	Label	Туре	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	<u>town</u>	Town code	discrete	numeric-2.0	3055	0	Town code
6	kefetgna	Kefetegna number	discrete	numeric-2.0	2655	400	Kefetegna number

File	File Products_and_by_products_part41											
#	Name	Label	Туре	Format	Valid	Invalid	Question					
7	<u>kebele</u>	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	<u>estabno</u>	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	<u>p41c1</u>	Serial number for list of principal products	discrete	numeric-2.0	3055	0	Serial number for list of principal products					
15	<u>p41c4</u>	Product code	discrete	numeric-5.0	3055	0	Product code					
16	<u>p41c5</u>	Unit measurement code	discrete	numeric-2.0	1345	1710	Unit measurement code					
17	<u>p41c6</u>	Average sales per unit	continuous	numeric-10.2	2695	360	Average sales per unit					
18	<u>p41c7</u>	Quantity produced	continuous	numeric-9.0	2703	352	Quantity produced					
19	<u>p41c8</u>	Value of production	continuous	numeric-9.0	2998	57	Value of production					
20	<u>p41c9</u>	Total sales quantity	continuous	numeric-9.0	2687	368	Total sales quantity					
21	<u>p41c10</u>	Total sales value	continuous	numeric-9.0	3029	26	Total sales value					
22	<u>p41c11</u>	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	Туре	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	<u>town</u>	Town code	discrete	numeric-2.0	1196	0	Town code				
6	kefetgna	Kefetegna number	discrete	numeric-2.0	1033	163	Kefetegna number				
7	<u>kebele</u>	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	<u>estabno</u>	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	<u>p5c1</u>	Type of stock	discrete	numeric-1.0	1196	0	Type of stock				
15	<u>p5c3</u>	Stocks at the begining of the year	continuous	numeric-11.0	1072	124	Stocks value at the begining of the year				

File	File Value_of_stocks_part5										
#	Name	Label	Туре	Format	Valid	Invalid	Question				
16	<u>p5c4</u>	Stocks at the end of the year	continuous	numeric-9.0	1161	35	Stocks value at the end of the year				
17	<u>p5c5</u>	Stocks differenece (end - begining)	continuous	numeric-9.0	1154	42	Stocks value differenece (end - begining)				

### File Cost\_and\_quantity\_of\_raw\_materials\_part61

						1	1
#	Name	Label	Туре	Format	Valid	Invalid	Question
1	<u>eid</u>	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	<u>town</u>	Town code	discrete	numeric-2.0	4106	0	Town code
6	kefetgna	Kefetegna number	discrete	numeric-2.0	3594	512	Kefetegna number
7	<u>kebele</u>	Kebele number	discrete	numeric-2.0	3913	193	Kebele number
8	houseno	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	<u>estabno</u>	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	<u>p61c1</u>	Serial number for list of principal raw materials	discrete	numeric-2.0	4106	0	Serial number for list of principal raw materials
15	<u>p61c4</u>	Raw material code	discrete	numeric-4.0	1740	2366	Raw material code
16	<u>p61c5</u>	Unit of measuremnet code for raw material	discrete	numeric-2.0	1745	2361	Unit of measuremnet code for raw material
17	<u>p61c6</u>	Local raw materials quantity	continuous	numeric-7.0	1953	2153	Local raw materials quantity
18	<u>p61c7</u>	Local raw materials value	continuous	numeric-9.0	2540	1566	Local raw materials value
19	<u>p61c8</u>	Imported raw materials quantity	continuous	numeric-7.0	1397	2709	Imported raw materials quantity
20	<u>p61c9</u>	Imported raw materials value	continuous	numeric-9.0	1869	2237	Imported raw materials value
21	<u>p61c10</u>	Value of total raw materials	continuous	numeric-7.0	3259	847	Value of total raw materials
22	<u>p61c11</u>	Value of total raw materials	continuous	numeric-9.0	4088	18	Value of total raw materials

File	File Other_industrial_costs_part62									
#	Name	Label	Туре	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_ind	lustrial_costs_part	62				
#	Name	Label	Туре	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	<u>town</u>	Town code	discrete	numeric-2.0	740	0	Town code
6	kefetgna	Kefetegna number	discrete	numeric-2.0	585	155	Kefetegna number
7	<u>kebele</u>	Kebele number	discrete	numeric-2.0	660	80	Kebele number
8	houseno	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	<u>estabno</u>	Establishment number	discrete	numeric-4.0	740	0	Establishment number
12	phoneno	Telephone number	discrete	numeric-6.0	686	54	Telephone number
13	<u>pobox</u>	P.O.Box number	discrete	numeric-5.0	551	189	P.O.Box number
14	<u>p62c1</u>	Serial number for list of other industrial costs	discrete	numeric-1.0	740	0	Serial number for list of other industrial costs
15	<u>p62c4</u>	Unit measurment	discrete	numeric-2.0	282	458	Unit measurment
16	<u>p62c5</u>	Quantity of other inputs	continuous	numeric-9.0	618	122	Quantity of other inputs
17	<u>p62c6</u>	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	Туре	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	<u>town</u>	Town code	discrete	numeric-2.0	2416	0	Town code
6	kefetgna	Kefetegna number	discrete	numeric-2.0	2049	367	Kefetegna number
7	<u>kebele</u>	Kebele number	discrete	numeric-2.0	2251	165	Kebele number
8	houseno	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	<u>estabno</u>	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	<u>p71c1</u>	Type of fixed assets	discrete	numeric-1.0	2416	0	Type of fixed assets
15	<u>p71c3</u>	Book value of the fixed assets at begining of the year	continuous	numeric-9.0	2365	51	Book value of the fixed assets at begining of the year

File	File Type_and_value_of_fixed_assets_part71											
#	Name	Label	Туре	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	<u>p71c5</u>	Sold and disposed during the year	continuous	numeric-8.0	99	2317	Sold and disposed during the year					
18	<u>p71c6</u>	Depreciation during the year	continuous	numeric-8.0	2242	174	Depreciation during the year					
19	<u>p71c7</u>	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	Туре	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	<u>town</u>	Town code	discrete	numeric-2.0	1359	0	Town code
6	kefetgna	Kefetegna number	discrete	numeric-2.0	1160	199	Kefetegna number
7	<u>kebele</u>	Kebele number	discrete	numeric-2.0	1281	78	Kebele number
8	houseno	House number	discrete	numeric-4.0	942	417	House number
9	<u>srefyear</u>	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	<u>estabno</u>	Establishment number	discrete	numeric-4.0	1359	0	Establishment number
12	<u>phoneno</u>	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	<u>p72c1</u>	Source of financing	discrete	numeric-1.0	1359	0	Source of financing
15	<u>p72c3</u>	Investment on fixed assets	continuous	numeric-9.0	663	696	Investment on fixed assets in Birr
16	<u>p72c4</u>	Working capital	continuous	numeric-9.0	1162	197	Working capital in Birr

## File Annual\_production\_at\_full\_capacity\_part81

#	Name	Label	Туре	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	<u>town</u>	Town code	discrete	numeric-2.0	2835	0	Town code				
6	kefetgna	Kefetegna number	discrete	numeric-2.0	2485	350	Kefetegna number				
7	<u>kebele</u>	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				

#	Name	Label	Туре	Format	Valid	Invalid	Question
10	isic	International standard industrial classification (ISIC)	discrete	numeric-4.0	2835	0	International standard industrial classification (ISIC)
11	<u>estabno</u>	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	<u>p81c1</u>	Serial number for products description	discrete	numeric-2.0	2835	0	Serial number for products description
15	<u>p81c4</u>	Product code	discrete	numeric-5.0	2835	0	Product code that would be produced if the establishment operate at full capacity
16	<u>p81c5</u>	Unit measurment	discrete	numeric-2.0	1219	1616	Unit measurment of quantity of product
17	<u>p81c6</u>	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	<u>p81c7</u>	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	Туре	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	<u>town</u>	Town code	discrete	numeric-2.0	3164	0	Town code
6	kefetgna	Kefetegna number	discrete	numeric-2.0	2773	391	Kefetegna number
7	<u>kebele</u>	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	<u>estabno</u>	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	<u>p82c1</u>	Serial number for raw material list	discrete	numeric-1.0	3164	0	Serial number for raw material list
15	<u>p82c4</u>	Raw material code	discrete	numeric-4.0	3164	0	Raw material code
16	<u>p82c5</u>	Unit of measurment	discrete	numeric-2.0	1521	1643	Unit of measurment of quantiy of raw material
17	<u>p82c6</u>	Quantity of local raw materials	continuous	numeric-9.0	1600	1564	Quantity of local raw materials
18	<u>p82c7</u>	Value of local raw materials	continuous	numeric-9.0	2010	1154	Value of local raw materials

File	Estimate_	value_and_quantit	y_of_raw	_materia	ls_need	ded_at_	full_capacity_part82
#	Name	Label	Туре	Format	Valid	Invalid	Question
19	<u>p82c8</u>	Quantity of imported raw materials	continuous	numeric-9.0	1064	2100	Quantity of imported raw materials
20	<u>p82c9</u>	Value of imported raw materials	continuous	numeric-9.0	1420	1744	Value of imported raw materials
21	<u>p82c10</u>	Total quantity of estimated raw materials	continuous	numeric-9.0	2590	574	Total quantity of estimated raw materials
22	<u>p82c11</u>	Total value of estimated raw materials	continuous	numeric-9.0	3156	8	Total value of estimated raw materials

# **Variables Description**

Dataset contains369 variable(s)

	nterprise id			,		
	-	[Turo- discrete] [Formet-numeric] [Par	20- 15110002 261029	271 Missing=*1		
		[Type= discrete] [Format=numeric] [Rar	Ige= 15110002-301028			
Statistics [	-	[Valid=725 /-] [Invalid=0 /-]				
Literal que		Enterprise id			,	
Recoding a	and Derivation	This variable is derived by combining tw each questionnaire.	vo variables, i.e. ISIC a	nd establishment. The enterprise id is unique	for	
#2 region	: Region co	de				
Information		[Type= discrete] [Format=numeric] [Rar	nge= 1-15] [Missing=*]			
Statistics [	NW/ W]	[Valid=725 /-] [Invalid=0 /-]				
Literal que	stion	Region code				
Value	Label		Cases	Percentage		
1	TIGRAY		28	3.9%		
2	AFAR		2	0.3%		
3	AMHARA		43	5.9%		
4	OROMIA		94	13.0%		
5	SOMALIE		1	0.1%		
6	BENSHAM	NGUL	0	0.0%		
7	S.N.N.P.R	R.	54	7.4%		
12	GAMBEL	A	1	0.1%		
13	HARARI		7	1.0%		
14	ADDIS AE	3ABA	476	65	5.7%	
15	DIRE DAV	NA	19	2.6%		
Warning: these	e figures indicate the	e number of cases found in the data file. They cann	not be interpreted as summan	ry statistics of the population of interest.		
<sup>#3</sup> zone: 2	Zone code					
nformation	ı	[Type= discrete] [Format=numeric] [Rar	nge= 1-71] [Missing=*]			
Statistics [	NW/ W]	[Valid=724 /-] [Invalid=1 /-]				
Literal que	stion	Zone code				
<sup>#4</sup> wered	a: Wereda co	ode				
Information	ı	[Type= discrete] [Format=numeric] [Rar	nge= 1-87] [Missing=*]			
Statistics [	NW/ W]	[Valid=485 /-] [Invalid=240 /-]				
Literal que	stion	Wereda code				
#5 town:	Town code	1				
nformation	ı	[Type= discrete] [Format=numeric] [Rar	nge= 1-106] [Missing=*]	1		
Statistics [	NW/ W]	[Valid=725 /-] [Invalid=0 /-]				
Literal que	stion	Town code				
		Frequency table no	ot shown (105 Modalitie	es)		
#6 kefetg	na: Kefetegr	na number				
Informatior	1	[Type= discrete] [Format=numeric] [Rar	nge= 1-65] [Missing=*]			
Statistics [	NW/ W]	[Valid=624 /-] [Invalid=101 /-]				
itatistics [i iteral que: <sup>6</sup> kefetg nformatior	NW/ W] stion na: Kefetegr	[Valid=725 /-] [Invalid=0 /-] Town code Frequency table no na number [Type= discrete] [Format=numeric] [Rar	ot shown (105 Modalitie			

#6 kefetgna:	Kefetegr	ia number		
Literal questio	n	Kefetegna number		
<sup>#7</sup> kebele: K	ebele nu	nber		
Information		[Type= discrete] [Format=numeric] [Range= 1-88] [I	Vissing=*]	
Statistics [NW/	/ W]	[Valid=686 /-] [Invalid=39 /-]		
Literal questio	n	Kebele number		
#8 houseno:	: House n	umber		
Information		[Type= discrete] [Format=numeric] [Range= 0-4858	] [Missing=	.*]
Statistics [NW/	/ <b>W1</b>	[Valid=511 /-] [Invalid=214 /-]		-
- Literal questio	_	House number		
		eference year		
Information	currey	[Type= discrete] [Format=numeric] [Range= 1990-1	9901 [Missi	ina=*]
Statistics [NW/	/ \\\\1	[Valid=725 /-] [Invalid=0 /-]	000][[1100]	
Literal questio	_	Survey reference year		
-			-	
Value	Label		Cases	Percentage
1990 Warning: these figu	1990 (199	7/1998)	725	100.0%
	ires indicate the		ed as summai	ry statistics of the population of interest.
		number of cases found in the data file. They cannot be interpret		ry statistics of the population of interest.
<sup>#10</sup> isic: Inte		number of cases found in the data file. They cannot be interpret standard industrial classification (ISIC	)	
#10 isic: Inte	ernational	number of cases found in the data file. They cannot be interpret standard industrial classification (ISIC [Type= discrete] [Format=numeric] [Range= 1511-3	)	
#10 isic: Inte Information Statistics [NW/	ernational / wj	number of cases found in the data file. They cannot be interpret standard industrial classification (ISIC [Type= discrete] [Format=numeric] [Range= 1511-3 [Valid=725 /-] [Invalid=0 /-]	<b>)</b> 610] [Missi	
<sup>#10</sup> isic: Inte Information Statistics [NW/ Literal questio	ernational / W] n	number of cases found in the data file. They cannot be interpret standard industrial classification (ISIC [Type= discrete] [Format=numeric] [Range= 1511-3	<b>)</b> 610] [Missin	ng=*]
#10 isic: Inte Information Statistics [NW/ Literal questio Value	ernational / W] n Label	number of cases found in the data file. They cannot be interpret standard industrial classification (ISIC [Type= discrete] [Format=numeric] [Range= 1511-3 [Valid=725 /-] [Invalid=0 /-] International standard industrial classification (ISIC)	) 610] [Missi ) Cases	ng=*] Percentage
#10 isic: Inte Information Statistics [NW/ Literal questio Value 1511	rnational (W] n Label Productior	standard industrial classification (ISIC [Type= discrete] [Format=numeric] [Range= 1511-3 [Valid=725 /-] [Invalid=0 /-] International standard industrial classification (ISIC)	) 610] [Missi ) Cases 7	ng=*] Percentage
#10 isic: Inte Information Statistics [NW/ Literal questio Value 1511 1514	rnational (W] n Label Productior manufactu	standard industrial classification (ISIC [Type= discrete] [Format=numeric] [Range= 1511-3 [Valid=725 /-] [Invalid=0 /-] International standard industrial classification (ISIC) , processing and preserving of meat, fruit and veg re of edible oil	) 610] [Missi ) Cases 7 32	ng=*] Percentage 1.0% 4.4%
#10 isic: Inte Information Statistics [NW/ Literal questio Value 1511 1514 1520	rnational ( W] n Label Productior manufactu Manufactu	standard industrial classification (ISIC [Type= discrete] [Format=numeric] [Range= 1511-3 [Valid=725 /-] [Invalid=0 /-] International standard industrial classification (ISIC) , processing and preserving of meat, fruit and veg re of edible oil re of dairy products	) 610] [Missi 0 <b>Cases</b> 7 32 1	ng=*] Percentage 1.0% 4.4% 0.1%
#10 isic: Internation Information Statistics [NW/ Literal questio Value 1511 1514 1520 1531	rnational / W] n Label Production manufactu Manufactu	standard industrial classification (ISIC [Type= discrete] [Format=numeric] [Range= 1511-3 [Valid=725 /-] [Invalid=0 /-] International standard industrial classification (ISIC) a, processing and preserving of meat, fruit and veg re of edible oil re of dairy products re of flour	) 610] [Missi ) Cases 7 32 1 39	ng=*] Percentage 1.0% 4.4% 0.1% 5.4%
#10 isic: Internation Statistics [NW/ Literal question Value 1511 1514 1520 1531 1533	rnational / W] n Label Productior manufactu Manufactu Manufactu	standard industrial classification (ISIC [Type= discrete] [Format=numeric] [Range= 1511-3 [Valid=725 /-] [Invalid=0 /-] International standard industrial classification (ISIC) , processing and preserving of meat, fruit and veg re of edible oil re of dairy products re of flour re of animal feed	) 610] [Missi 610] [Missi 7 32 1 32 1 39 4	ng=*] Percentage 1.0% 4.4% 0.1% 5.4% 0.6%
#10 isic: Internation Statistics [NW/ Literal questio Value 1511 1514 1520 1531 1533 1541	rational / W] n Label Productior Manufactu Manufactu Manufactu Manufactu	standard industrial classification (ISIC [Type= discrete] [Format=numeric] [Range= 1511-3 [Valid=725 /-] [Invalid=0 /-] International standard industrial classification (ISIC) , processing and preserving of meat, fruit and veg re of edible oil re of dairy products re of flour re of animal feed re of bakery	) 610] [Missi 610] [Missi 7 32 1 32 1 39 4 79	ng=*] Percentage 1.0% 4.4% 0.1% 5.4% 0.6% 10.9%
#10 isic: Internation Information Statistics [NW/ Literal question Value 1511 1514 1520 1531 1533 1541 1542	Production  Current  Current	standard industrial classification (ISIC (Type= discrete] [Format=numeric] [Range= 1511-3 [Valid=725 /-] [Invalid=0 /-] International standard industrial classification (ISIC) n, processing and preserving of meat, fruit and veg re of edible oil re of dairy products re of flour re of animal feed re of bakery re of sugar and confecionary	) 610] [Missi 610] [Missi 7 32 1 32 1 39 4 79 8	ng=*] Percentage 1.0% 4.4% 0.1% 5.4% 0.6% 10.9% 1.1%
#10 isic: Internation Statistics [NW/ Literal question Value 1511 1514 1520 1531 1533 1541 1542 1544	Ernational (V) In Label Production Manufactu	standard industrial classification (ISIC [Type= discrete] [Format=numeric] [Range= 1511-3 [Valid=725 /-] [Invalid=0 /-] International standard industrial classification (ISIC) n, processing and preserving of meat, fruit and veg re of edible oil re of dairy products re of flour re of animal feed re of sugar and confecionary re of pasta and macaroni	) 610] [Missi 610] <b>Cases</b> 7 32 1 39 4 79 4 79 8 4 4	ng=*] Percentage 1.0% 4.4% 0.1% 5.4% 0.6% 10.9% 1.1% 0.6%
#10 isic: Internation Statistics [NW/ Literal questio Value 1511 1514 1520 1531 1533 1541 1542 1544 1549	karactional     karactional     karactional     karactional     karactional     Manufactu	standard industrial classification (ISIC [Type= discrete] [Format=numeric] [Range= 1511-3 [Valid=725 /-] [Invalid=0 /-] International standard industrial classification (ISIC) a, processing and preserving of meat, fruit and veg re of edible oil re of dairy products re of flour re of animal feed re of bakery re of sugar and confecionary re of pasta and macaroni re of food NEC	) 610] [Missi 610] [Missi 7 32 1 32 1 39 4 79 8 4 79 8 4 11	ng=*] Percentage 1.0% 4.4% 0.1% 5.4% 0.6% 10.9% 1.1% 0.6% 1.5%
#10 isic: Internation Statistics [NW/ Literal question Value 1511 1514 1520 1531 1533 1541 1542 1544 1544 1549 1551	karactional     karactional     karactional     karactional     karactional     Manufactu	standard industrial classification (ISIC (Type= discrete] [Format=numeric] [Range= 1511-3 [Valid=725 /-] [Invalid=0 /-] International standard industrial classification (ISIC) n, processing and preserving of meat, fruit and veg re of edible oil re of dairy products re of flour re of flour re of sugar and confecionary re of sugar and confecionary re of pasta and macaroni re of food NEC ctifying and blending of spirit	) 610] [Missi 610] <b>Cases</b> 7 32 1 39 4 79 4 79 8 4 4	ng=*] Percentage 1.0% 4.4% 0.1% 5.4% 0.6% 10.9% 1.1% 0.6% 1.5% 1.0%
#10 isic: Internation Statistics [NW/ Literal questio Value 1511 1514 1520 1531 1533 1541 1542 1544 1549	Image: Arror and arror and arror arr arror arror	standard industrial classification (ISIC (Type= discrete] [Format=numeric] [Range= 1511-3 [Valid=725 /-] [Invalid=0 /-] International standard industrial classification (ISIC) n, processing and preserving of meat, fruit and veg re of edible oil re of dairy products re of flour re of flour re of sugar and confecionary re of sugar and confecionary re of pasta and macaroni re of food NEC ctifying and blending of spirit	) 610] [Missi 610] <b>Cases</b> 7 32 1 39 4 79 8 4 79 8 4 11 7	ng=*] Percentage 1.0% 4.4% 0.1% 5.4% 0.6% 10.9% 1.1% 0.6% 1.5%
#10 isic: Internation Statistics [NW/ Literal question Value 1511 1514 1520 1531 1533 1541 1542 1544 1549 1551 1552	Artional       Artional       Interventional       Label       Production       Manufactu	standard industrial classification (ISIC (Type= discrete] [Format=numeric] [Range= 1511-3 [Valid=725 /-] [Invalid=0 /-] International standard industrial classification (ISIC) n, processing and preserving of meat, fruit and veg re of edible oil re of dairy products re of flour re of animal feed re of sugar and confecionary re of pasta and macaroni re of food NEC ctifying and blending of spirit re of wine	) 610] [Missi 610] <b>Cases</b> 7 32 1 39 4 79 8 4 79 8 4 11 7 7 1	ng=*] Percentage 1.0% 4.4% 0.1% 5.4% 0.6% 10.9% 1.1% 0.6% 1.5% 1.0% 0.1%
#10 isic: Inter Information Statistics [NW/ Literal question Value 1511 1514 1520 1531 1533 1541 1542 1544 1549 1551 1552 1553	Ernational Interpretent of the second se	standard industrial classification (ISIC (Type= discrete] [Format=numeric] [Range= 1511-3 [Valid=725 /-] [Invalid=0 /-] International standard industrial classification (ISIC) n, processing and preserving of meat, fruit and veg re of edible oil re of dairy products re of flour re of animal feed re of bakery re of sugar and confecionary re of pasta and macaroni re of food NEC ctifying and blending of spirit re of wine s and malt	) 610] [Missi 610] <b>Cases</b> 7 32 1 39 4 79 8 4 79 8 4 11 79 8 4 11 7 1 5	Percentage         1.0%         4.4%         0.1%         5.4%         0.6%         1.1%         0.6%         1.1%         0.6%         1.5%         1.0%         0.1%         0.7%
#10 isic: Internation Statistics [NW/ Literal question Value 1511 1514 1520 1531 1533 1541 1542 1544 1544 1554 1552 1553 1554	Image: Image	standard industrial classification (ISIC (Type= discrete] [Format=numeric] [Range= 1511-3 [Valid=725 /-] [Invalid=0 /-] International standard industrial classification (ISIC) n, processing and preserving of meat, fruit and veg re of edible oil re of dairy products re of flour re of animal feed re of sugar and confecionary re of sugar and confecionary re of food NEC ctifying and blending of spirit re of wine s and malt re of soft drinks	) 610] [Missi 7 32 1 39 4 79 8 4 79 8 4 11 79 8 4 11 7 1 5 7	Percentage         1.0%         4.4%         0.1%         5.4%         0.6%         10.9%         1.1%         0.6%         1.1%         0.6%         1.1%         0.6%         1.1%         0.6%         1.1%         0.6%         1.0%
#10 isic: Internation Statistics [NW/ Literal question Statistics [NW/ Literal question Statistics [NW/ Literal question Statistics [NW/ 1511 1514 1520 1531 1541 1542 1544 1549 1551 1552 1553 1554 1554 1600 1554 1600 1557 1557 1557 1554 1600 1557 1557 1557 1557 1557 1557 1557 15	Ational       Ational       Ational       I Label       Production       Image: I	standard industrial classification (ISIC (Type= discrete] [Format=numeric] [Range= 1511-3 [Valid=725 /-] [Invalid=0 /-] International standard industrial classification (ISIC) n, processing and preserving of meat, fruit and veg re of edible oil re of dairy products re of flour re of animal feed re of sugar and confecionary re of pasta and macaroni re of food NEC ctifying and blending of spirit re of soft drinks re of soft drinks re of tobacco	) 610] [Missi 7 32 1 39 4 79 8 4 79 8 4 11 79 8 4 11 7 1 5 7 1	Percentage         1.0%         4.4%         0.1%         5.4%         0.6%         1.1%         0.6%         1.1%         0.6%         1.5%         1.0%         0.1%         0.7%         1.0%         0.1%
#10 isic: Internation Statistics [NW/ Literal questio Value 1511 1514 1520 1531 1542 1542 1544 1549 1551 1552 1553 1554 1600 1710	Ational       Ational       Ational       I Label       Production       Image: I	standard industrial classification (ISIC [Type= discrete] [Format=numeric] [Range= 1511-3 [Valid=725 /-] [Invalid=0 /-] International standard industrial classification (ISIC) n, processing and preserving of meat, fruit and veg re of edible oil re of adiry products re of flour re of animal feed re of sugar and confecionary re of sugar and macaroni re of food NEC ctifying and blending of spirit re of soft drinks re of soft drinks re of soft drinks re of tobacco reaving and finishing re of cordage rope and twine	) 610] [Missi 7 32 1 39 4 79 8 4 79 8 4 11 79 8 4 11 7 1 5 7 1 1 5 7	ng=*] Percentage 1.0% 4.4% 0.1% 5.4% 0.6% 10.9% 1.1% 0.6% 1.5% 1.0% 0.1% 0.7% 1.0% 0.1% 0.7% 1.0% 0.1% 0.1% 0.1% 0.1%
#10 isic: Internation Statistics [NW/ Literal question Value 1511 1514 1520 1531 1533 1541 1542 1544 1544 1549 1551 1552 1553 1554 1600 1710 1723	Image: Arrow of the section of the secti	standard industrial classification (ISIC [Type= discrete] [Format=numeric] [Range= 1511-3 [Valid=725 /-] [Invalid=0 /-] International standard industrial classification (ISIC) n, processing and preserving of meat, fruit and veg re of edible oil re of adiry products re of flour re of animal feed re of sugar and confecionary re of sugar and macaroni re of food NEC ctifying and blending of spirit re of soft drinks re of soft drinks re of soft drinks re of tobacco reaving and finishing re of cordage rope and twine	) 610] [Missi 7 32 1 39 4 79 8 4 79 8 4 11 79 8 4 11 7 7 1 5 7 1 5 7 1 21 21 2	ng=*]         Percentage         1.0%         4.4%         0.1%         5.4%         0.6%         1.1%         0.6%         1.1%         0.6%         1.1%         0.6%         1.1%         0.6%         1.1%         0.6%         1.1%         0.6%         1.1%         0.6%         1.0%         0.1%         0.7%         1.0%         0.1%         2.9%         0.3%
#10 isic: Internation Statistics [NW/ Literal questio Value 1511 1514 1520 1531 1533 1541 1542 1544 1549 1551 1552 1553 1554 1600 1710 1723 1730	Aritional       Aritional       V V]       In       Label       Production       Manufactu	standard industrial classification (ISIC [Type= discrete] [Format=numeric] [Range= 1511-3 [Valid=725 /-] [Invalid=0 /-] International standard industrial classification (ISIC) a, processing and preserving of meat, fruit and veg re of edible oil re of dairy products re of flour re of animal feed re of sugar and confecionary re of pasta and macaroni re of food NEC ctifying and blending of spirit re of soft drinks re of tobacco re of tobacco reaving and finishing re of cordage rope and twine Is	) 610] [Missi 7 32 1 39 4 79 8 4 79 8 4 11 79 8 4 11 7 1 5 7 1 5 7 1 21 21 2 9	ng=*] Percentage 1.0% 4.4% 0.1% 5.4% 0.6% 10.9% 1.1% 0.6% 1.5% 1.0% 0.6% 1.5% 1.0% 0.1% 0.1% 0.1% 0.1% 0.3% 1.2%

### #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 fertilzers	4	0.6%
2422	Manufacture of paints varnishes	7	1.0%
2423	Manufacture of phrmaceuticals, medicinial	3	0.4%
2424	Manufacture of soap detregents, 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 machnery	10	1.4%
2929	Manufacture of hottrian	1	0.1%
3140	Manufacture of battries	2	0.3%
3420	manufacture of bodies for mothor vechiles	8	1.1%
3430	manufacture of parts and accessaries	2	0.3%
3610 <i>Varning: these</i> :	Manufacture of furniture figures indicate the number of cases found in the data file. They cannot be in	114 nterpreted as summar	y statistics of the population of interest.
<sup>11</sup> estabr	o: Establishment number		
nformation	[Type= discrete] [Format=numeric] [Range= 1	-99991 [Missina="	*1
Statistics [N			
- iteral quest			
	no: Telephone number		
nformation	[Type= discrete] [Format=numeric] [Range= 1	-812516] [Missing	g=*]
tatistics [N	W/ W] [Valid=680 /-] [Invalid=45 /-]		
iteral ques	tion Telephone number		
<sup>13</sup> pobox	: P.O.Box number		
nformation	[Type= discrete] [Format=numeric] [Range= 1	-90319] [Missing:	=*]
Statistics [N	W/ W] [Valid=551 /-] [Invalid=174 /-]		
_iteral ques	tion P.O.Box number		

<sup>#14</sup> hregio	on: Region o	code for head office					
Information		[Type= discrete] [Format=numeric] [F	Range= 0-15] [Missing=*]				
Statistics [N	w/w]	[Valid=52 /-] [Invalid=673 /-]					
Pre-questio	n	If address of head office separate fro	om factory				
Literal ques	tion	Region code for head office					
Value	Label		Cases	Percentag	le		
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	BENSHA	NGUL	0	0.0%			
7	S.N.N.P.R	R.	0	0.0%			
12	GAMBEL	A	0	0.0%			
13	HARARI		0	0.0%			
14	ADDIS AE		49		94.2%		
15	DIRE DAV	NA	0	0.0%			
Sysmiss		e number of cases found in the data file. They c	673				
Statistics [N Pre-questio	n	[Valid=48 /-] [Invalid=677 /-] If address of head office separate fro	om factory				
Literal ques		Zone code for head office					
nformation		a code for head office	200000 0 071 [Missing=*]				
Statistics [N		[Type= discrete] [Format=numeric] [Range= 0-27] [Missing=*] [Valid=49 /-] [Invalid=676 /-]					
Pre-questio	-	If address of head office separate fro	om factory				
_iteral ques	tion	Wereda code for head office	· · ·				
<sup>#17</sup> htown	: Town cod	e for head office					
nformation		[Type= discrete] [Format=numeric] [F	Range= 0-67] [Missing=*]				
Statistics [N	w/w]	[Valid=49 /-] [Invalid=676 /-]					
Pre-questio	n	If address of head office separate from factory					
_iteral ques	tion	Town code for head office					
<sup>#18</sup> hkeftg	ına: Kefeteç	gna number of head office					
nformation		[Type= discrete] [Format=numeric] [F	Range= 0-27] [Missing=*]				
Statistics [N	IW/ W]	[Valid=49 /-] [Invalid=676 /-]					
Pre-questio	n	If address of head office separate fro	om factory				
Literal ques	tion	Kefetegna number of head office					

			•	,		
<sup>#19</sup> hkebele:	Kebele r	number of head office				
Information		[Type= discrete] [Format=numeric] [Range= 0-55] [M	lissing=*]			
Statistics [NW/	w]	[Valid=49 /-] [Invalid=676 /-]				
Pre-question		If address of head office separate from factory				
Literal question	1	Kebele number of head office				
#20 hhousen	o: House	e 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	1	House number of head office				
#21 hphonen	o: Telepl	hone of head office				
Information		[Type= discrete] [Format=numeric] [Range= 0-81007	'1] [Missing=*]			
Statistics [NW/	w]	[Valid=58 /-] [Invalid=667 /-]				
Pre-question		If address of head office separate from factory				
Literal question	1	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	1	P.O.Box of head office				
#23 <b>p2q2: Nu</b>	mber 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	1	If multi-establishment enterprise, number of establish	hment			
<sup>#24</sup> p2q3m: M	lonth of	commencement				
Information		[Type= continuous] [Format=numeric] [Range= 1-12]	[Missing=*]			
Statistics [NW/	w]	[Valid=607 /-] [Invalid=118 /-] [Mean=5.743 /-] [StdDe	ev=3.538 /-]			
Literal question	1	Month of commencement of operation (in Ethiopian	calendar year)			
#25 <b>p2q3y: Y</b>	ear of co	mmencement				
Information		[Type= continuous] [Format=numeric] [Range= 1914	-1990] [Missing=*]			
Statistics [NW/	w]	[Valid=725 /-] [Invalid=0 /-] [Mean=1976.179 /-] [StdDev=13.67 /-]				
Literal question	ı	Year of commencement of operation (in Ethiopian calendar year)				
<sup>#26</sup> p2q4: Ke	ep book	s of accounts				
Information		[Type= discrete] [Format=numeric] [Range= 1-2] [Mis	ssing=*]			
Statistics [NW/	w]	[Valid=725 /-] [Invalid=0 /-]				
Literal question	1	Do you keep books of accounts ? (if yes attach detai	iled statement of ac	ccounts)		
Value	Label	·	Cases	Percentage		
1	Yes		391	-	53.9%	
2	No		334		46.1%	

<sup>#26</sup> p2q4: I	Keep book	s of accounts			
Warning: these f	igures indicate th	e number of cases found in the data file. They cannot	be interpreted as summar	y statistics of the population of interest.	
<sup>#27</sup> p2q5: <sup>-</sup>	Type of cal	endar for accounts and books a	re being kept		
Information		[Type= discrete] [Format=numeric] [Range	e= 1-4] [Missing=*]		
Statistics [N	w/ w]	[Valid=391 /-] [Invalid=334 /-]			
Pre-question If the answer is		If the answer is yes for "Do you keep bool	s of accounts ?"		
Literal quest	ion	State according to which calendar year yo	our accounts and boo	ks 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	n calendar (ending Dec. 31)	20	5.1%	
4	Other		7	1.8%	
Sysmiss			334		
-	-	e number of cases found in the data file. They cannot	be interpreted as summar	y statistics of the population of interest.	
#28 <b>p2q6</b> :	Type of ow	nersnip			
Information		[Type= discrete] [Format=numeric] [Range	e= 1-3] [Missing=*]		
Statistics [N	W/ W]	[Valid=725 /-] [Invalid=0 /-]			
Literal quest	ion	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	•	1	0.1%	
	-	e number of cases found in the data file. They cannot of the establishment	be interpreted as summar	y statistics of the population of interest.	
Information	Legarionn	[Type= discrete] [Format=numeric] [Range	= 1-7] [Missing=*]		
Statistics [N	w/ w1	[Valid=585 /-] [Invalid=140 /-]			
	_		o ostabliobmont" in or	ada 1 ar 2 (if privata abara ia > = E10()	
Pre-question		If the answer for "Type of ownership of the			
Literal quest		What is the legal form of organization ?	_	_	
Value	Label		Cases	Percentage	CO 40/
1		proprietor	365	7.00/	62.4%
2	Partnersh		41	7.0%	
3 4	Share cor	nited company	19 134	3.2%	
4 5	Co-operat		134	22.9%	
6	Joint vent		9	1.5%	
7	Others		0	0.0%	
Sysmiss			140		
•	igures indicate th	e number of cases found in the data file. They cannot	be interpreted as summar	y statistics of the population of interest.	
<sup>#30</sup> p2q8m	: Number o	of male owners			
Information		[Type= continuous] [Format=numeric] [Ra	nge= 1-71] [Missing=	:*]	
Statistics [N	w/ w]	[Valid=509 /-] [Invalid=216 /-] [Mean=2.36	9 /-] [StdDev=5.972 /	-]	
Pre-questior	ı	If answered for "What is the legal form of	organization ?"		

<sup>#30</sup> p2q8m: Number o	of male owners
Literal question	Number of male owners of the establishments
#31 p2q8f: Number of	female owners
Information	[Type= continuous] [Format=numeric] [Range= 1-28] [Missing=*]
Statistics [NW/ W]	[Valid=187 /-] [Invalid=538 /-] [Mean=1.882 /-] [StdDev=2.492 /-]
Pre-question	If answered for "What is the legal form of organization ?"
Literal question	Number of female owners of the establishments
#32 p2q8t: Total numb	per of owners
Information	[Type= continuous] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=566 /-] [Invalid=159 /-] [Mean=2.756 /-] [StdDev=6.739 /-]
Pre-question	If answered for "What is the legal form of organization ?"
Literal question	Number of owners of the establishments
#33 p2q9meth: Initial	paid-up capital (private Ethiopian male)
Information	[Type= continuous] [Format=numeric] [Range= 3000-140000000] [Missing=*]
Statistics [NW/ W]	[Valid=497 /-] [Invalid=228 /-] [Mean=2140471.883 /-] [StdDev=7990066.941 /-]
Literal question	Initial paid-up capital (private Ethiopian male) in Birr
#34 p2q9feth: Initial p	aid-up capital (private Ethiopian female)
Information	[Type= continuous] [Format=numeric] [Range= 2000-25366645] [Missing=*]
Statistics [NW/ W]	[Valid=161 /-] [Invalid=564 /-] [Mean=962059.652 /-] [StdDev=2425092.042 /-]
Literal question	Initial paid-up capital (private Ethiopian female) in Birr
#35 p2q9neth: Initial p	paid-up capital (private non-Ethiopian)
Information	[Type= continuous] [Format=numeric] [Range= 30000-59383149] [Missing=*]
Statistics [NW/ W]	[Valid=20 /-] [Invalid=705 /-] [Mean=7243689.35 /-] [StdDev=16615493.55 /-]
Literal question	Initial paid-up capital (private non-Ethiopian) in Birr
#36 p2q9pub: Initial p	aid-up capital (public)
Information	[Type= continuous] [Format=numeric] [Range= 1684-333216786] [Missing=*]
Statistics [NW/ W]	[Valid=135 /-] [Invalid=590 /-] [Mean=17382366.919 /-] [StdDev=39435102.953 /-]
Literal question	Initial paid-up capital (public) in Birr
#37 p2q9oth: Initial pa	aid-up capital (other)
Information	[Type= continuous] [Format=numeric] [Range= 40611-200000000] [Missing=*]
Statistics [NW/ W]	[Valid=22 /-] [Invalid=703 /-] [Mean=11493034.455 /-] [StdDev=42406615.548 /-]
Literal question	Initial paid-up capital (other) in Birr
#38 p2q9tot: Total init	ial paid-up capital
Information	[Type= continuous] [Format=numeric] [Range= 3000-333216786] [Missing=*]
Statistics [NW/ W]	[Valid=714 /-] [Invalid=11 /-] [Mean=5550484.887 /-] [StdDev=20915007.074 /-]
Literal question	Total initial paid-up capital in Birr
#39 p2q10: Number of	f months the establishment operated during the survey reference year
Information	[Type= continuous] [Format=numeric] [Range= 1-12] [Missing=*]
Statistics [NW/ W]	[Valid=724 /-] [Invalid=1 /-] [Mean=10.548 /-] [StdDev=2.523 /-]
L	1

#20 0 40						
#39 p2q10:	Number of	f months the establishment ope	rated during the	survey reference	e year	
Literal quest	tion	Number of months the establishment ope	rated			
<sup>#40</sup> p2q11a	a: First maj	or problem prevented the establ	ishment operati	ng full year		
Information		[Type= discrete] [Format=numeric] [Rang	e= 1-9] [Missing=*]			
Statistics [N	w/ w]	[Valid=237 /-] [Invalid=488 /-]				
Literal quest	tion	What were the three major problems prev	ented you from opera	ating full year		
Value	Label		Cases	P	ercentage	
1	Shortage	of raw materials	59		24.9%	
2	Shortage of	of spare parts	7	3.0%		
3	Shortage of	of foreign exchange	0	0.0%		
4	Getting ma	arket or customers	93			39.2%
5	Lack of wo	orking capital	12	5.1%		
6	Shortage	of electric and water supply	10	4.2%		
7	Repeated	breakage of machinery	13	5.5%		
8	Governme	ent rules and regulations	4	1.7%		
9	Others		39	16	.5%	
Sysmiss			488			
Warning: these f	figures indicate the	e number of cases found in the data file. They cannot	be interpreted as summar	y statistics of the population	on of interest.	
<sup>#41</sup> <b>p2q11</b>	b: Second r	najor problem prevented the est	ablishment ope	rating full year		
Information		[Type= discrete] [Format=numeric] [Rang	e= 1-9] [Missing=*]			
Statistics [N	w/ w]	[Valid=160 /-] [Invalid=565 /-]				
Literal quest	tion	What were the three major problems prev	ented you from opera	ating full year		
Value	Label	1	Cases	P	ercentage	
1	Shortage	of raw materials	28		1	7.5%
1 2	-	of raw materials of spare parts	28 11	6.9%	1	7.5%
·	Shortage of			6.9%	1	7.5%
2	Shortage of Shortage of	of spare parts	11		1	
2 3	Shortage of Shortage of Getting ma	of spare parts of foreign exchange	11 3		1 15.0%	20.0%
2 3 4	Shortage of Shortage of Getting ma Lack of wo	of spare parts of foreign exchange arket or customers	11 3 32			20.0%
2 3 4 5	Shortage of Shortage of Getting ma Lack of wo Shortage of	of spare parts of foreign exchange arket or customers orking capital	11 3 32 24	1.9%	15.0%	20.0%
2 3 4 5 6	Shortage of Shortage of Getting ma Lack of wo Shortage of Repeated	of spare parts of foreign exchange arket or customers orking capital of electric and water supply	11 3 32 24 22	1.9%	15.0% 13.8%	20.0%
2 3 4 5 6 7	Shortage of Shortage of Getting ma Lack of wo Shortage of Repeated	of spare parts of foreign exchange arket or customers orking capital of electric and water supply breakage of machinery	11 3 32 24 22 15	1.9%	15.0% 13.8%	20.0%
2 3 4 5 6 7 8 9 Sysmiss	Shortage of Shortage of Getting ma Lack of wo Shortage of Repeated Governme Others	of spare parts of foreign exchange arket or customers orking capital of electric and water supply breakage of machinery ent rules and regulations	11 3 32 24 22 15 7 18 565	1.9%	15.0% 13.8% 9.4% 11.2%	20.0%
2 3 4 5 6 7 8 9 Sysmiss Warning: these f	Shortage of Shortage of Getting ma Lack of wo Shortage of Repeated Governme Others	of spare parts of foreign exchange arket or customers orking capital of electric and water supply breakage of machinery ent rules and regulations	11 3 32 24 22 15 7 18 565 be interpreted as summar	1.9% 4.4%	15.0% 13.8% 9.4% 11.2%	20.0%
2 3 4 5 6 7 8 9 Sysmiss Warning: these f	Shortage of Shortage of Getting ma Lack of wo Shortage of Repeated Governme Others	of spare parts of foreign exchange arket or customers orking capital of electric and water supply breakage of machinery ent rules and regulations	11 3 32 24 22 15 7 18 565 be interpreted as summar	1.9% 4.4%	15.0% 13.8% 9.4% 11.2%	20.0%
2 3 4 5 6 7 8 9 Sysmiss Warning: these f #42 <b>p2q11</b> 0 Information	Shortage of Shortage of Getting ma Lack of wo Shortage of Repeated Governme Others	of spare parts of foreign exchange arket or customers orking capital of electric and water supply breakage of machinery ent rules and regulations e number of cases found in the data file. They cannot jor problem prevented the estab [Type= discrete] [Format=numeric] [Rang	11 3 32 24 22 15 7 18 565 be interpreted as summar	1.9% 4.4%	15.0% 13.8% 9.4% 11.2%	20.0%
2 3 4 5 6 7 8 9 Sysmiss Warning: these f #42 <b>p2q11</b> 0 Information	Shortage of Shortage of Getting ma Lack of wo Shortage of Repeated Governme Others	of spare parts of foreign exchange arket or customers orking capital of electric and water supply breakage of machinery ent rules and regulations a number of cases found in the data file. They cannot jor problem prevented the estab [Type= discrete] [Format=numeric] [Rang [Valid=99 /-] [Invalid=626 /-]	11 3 32 24 22 15 7 18 565 be interpreted as summar lishment operat e= 1-9] [Missing=*]	1.9% 4.4% y statistics of the population ting full year	15.0% 13.8% 9.4% 11.2%	20.0%
2 3 4 5 6 7 8 9 Sysmiss Warning: these f #42 p2q11c Information Statistics [N	Shortage of Shortage of Getting ma Lack of wo Shortage of Repeated Governme Others figures indicate the C: Third ma	of spare parts of foreign exchange arket or customers orking capital of electric and water supply breakage of machinery ent rules and regulations e number of cases found in the data file. They cannot jor problem prevented the estab [Type= discrete] [Format=numeric] [Rang	11 3 32 24 22 15 7 18 565 be interpreted as summar lishment operat e= 1-9] [Missing=*]	1.9% 4.4% y statistics of the population ting full year	15.0% 13.8% 9.4% 11.2%	20.0%
2 3 4 5 6 7 8 9 Sysmiss <i>Warning: these f</i> #42 <b>p2q11c</b> Information Statistics [N	Shortage of Shortage of Getting ma Lack of wo Shortage of Repeated Governme Others figures indicate the C: Third ma	of spare parts of foreign exchange arket or customers orking capital of electric and water supply breakage of machinery ent rules and regulations a number of cases found in the data file. They cannot jor problem prevented the estab [Type= discrete] [Format=numeric] [Rang [Valid=99 /-] [Invalid=626 /-]	11 3 32 24 22 15 7 18 565 be interpreted as summar lishment operat e= 1-9] [Missing=*]	1.9% 4.4% y statistics of the population ting full year	15.0% 13.8% 9.4% 11.2%	20.0%
2 3 4 5 6 7 8 9 Sysmiss <i>Warning: these I</i> #42 <b>p2q11c</b> Information Statistics [N Literal quest	Shortage of Shortage of Shortage of Getting ma Lack of wo Shortage of Shortage of Repeated Governme Others tigures indicate the C: Third ma W/W] tion Label	of spare parts of foreign exchange arket or customers orking capital of electric and water supply breakage of machinery ent rules and regulations a number of cases found in the data file. They cannot jor problem prevented the estab [Type= discrete] [Format=numeric] [Rang [Valid=99 /-] [Invalid=626 /-]	11         3         24         22         15         7         18         565         be interpreted as summar         Ilishment operat         e= 1-9] [Missing=*]         rented you from operat	1.9% 4.4% y statistics of the population ting full year	15.0% 13.8% 9.4% 11.2% on of interest.	20.0%
2 3 4 5 6 7 8 9 Sysmiss Warning: these for #42 p2q11c Information Statistics [N Literal quest Value	Shortage of Shortage of Shortage of Getting ma Lack of wo Shortage of Repeated Governme Others C: Third ma W/ W] tion Label Shortage of	of spare parts of foreign exchange arket or customers orking capital of electric and water supply breakage of machinery ent rules and regulations a number of cases found in the data file. They cannot jor problem prevented the estats [Type= discrete] [Format=numeric] [Rang [Valid=99 /-] [Invalid=626 /-] What were the three major problems prev	11         3         32         24         22         15         7         18         565         be interpreted as summar         Ilishment operation         e= 1-9] [Missing=*]         rented you from operation         Cases	1.9% 4.4% y statistics of the population ting full year	15.0% 13.8% 9.4% 11.2% on of interest.	20.0%
2 3 4 5 6 7 8 9 Sysmiss <i>Warning: these I</i> #42 <b>p2q11</b> ( Information Statistics [N Literal quest Value 1	Shortage of Shortage of Shortage of Getting ma Lack of wo Shortage of Shortage of Others Others C: Third ma W/ W] tion Label Shortage of Shortage of	of spare parts of foreign exchange arket or customers orking capital of electric and water supply breakage of machinery ent rules and regulations a number of cases found in the data file. They cannot jor problem prevented the estats [Type= discrete] [Format=numeric] [Rang [Valid=99 /-] [Invalid=626 /-] What were the three major problems prevented por raw materials	11         3         32         24         22         15         7         18         565         be interpreted as summar         Ilishment operation         e= 1-9] [Missing=*]         rented you from operation         Cases         13	1.9% 4.4% y statistics of the population ting full year	15.0% 13.8% 9.4% 11.2% on of interest.	20.0%

Value	Label	jor problem prevented the est	Cases	Percentage	
5		orking conital	12	12.1%	
		orking capital	21	12.170	21.2%
6	Shortage of electric and water supply		12	12.1%	21.270
7 o	Repeated breakage of machinery		12		
8	Government rules and regulations		14	14.1%	
9 Succession	Others			10.1%	
Sysmiss Varning: these fig	ures indicate th	e number of cases found in the data file. They can	626 not be interpreted as summar	y statistics of the population of interest.	
		p of non-residential buildings			
Information [Type= discrete] [Format=numeric] [Rang		nge= 1-3] [Missing=*]			
		[Valid=725 /-] [Invalid=0 /-]			
Literal questi	on	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 fig	gures indicate th	e number of cases found in the data file. They can	not be interpreted as summar	y statistics of the population of interest.	
<sup>#44</sup> p2q13:	Source of	non-residential buildings			
nformation [Type= discrete] [Format=numeric] [Rang		nge= 1-4] [Missing=*]			
Statistics [NV	v/ w]	[Valid=543 /-] [Invalid=182 /-]			
Pre-question	If answer for "Ownership of non-residential buildings" is code 1				
Literal questi	on	What was the source of ownership ?			
Value	Label		Cases	Percentage	
1	Inherited		86	15.8%	
2	Provided	free	19	3.5%	
3	Cocstruct	ed by the establishmnent	428		78.8%
4	Other		10	1.8%	
Sysmiss			182		
		e number of cases found in the data file. They can		· · ·	
•	iotai nun	nber of male Ethiopian employ			
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)			
<sup>#46</sup> p31c4t:	Total nun	nber of female Ethiopian emplo	oyees for the mon	th September (Meskerem)	
Information		[Type= continuous] [Format=numeric] [	Range= 1-2483] [Missin	g=*]	
Statistics [NW/ W] [Valid=622 /-] [Inva		[Valid=622 /-] [Invalid=103 /-] [Mean=43	3.259 /-] [StdDev=163.74	47 /-]	
Definition		This variable is part of section 3.1 (Nur	mber of Persons Engage	ed) of the questionnaire	
Literal questi	on	Total number of female Ethiopian empl	oyees for the month Sep	otember (Meskerem)	
Literar questi					
-	Total nun	nber of foreigner employees fo	or the month Septe	ember (Meskerem)	

(				
#47 p31c5t: Total num	<sup>#47</sup> 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 num	ber 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 num	ber 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 num	ber 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 num	ber 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 nu	mber 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 nu	mber 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 nu	mber 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 nu	mber 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 nu	mber 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 wag	e 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 wag	e 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 wag	e 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 tota	al
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: Commiss	ion, 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 co employees free of ch	st of the establishmnet on food, lodging, medical and other benefits provided to narge
Information	[Type= continuous] [Format=numeric] [Range= 15-1927529] [Missing=*]
Statistics [NW/ W]	[Valid=356 /-] [Invalid=369 /-] [Mean=77404.587 /-] [StdDev=199439.517 /-]

# #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		
<sup>#63</sup> p32c9t: Establish schemes	ment's contribution on behalf of employees to pension, life and casualty insurance		
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		
<sup>#64</sup> p33c3t: Total num	ber 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 partof 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		
<sup>#65</sup> p33c4t: Total num	ber of permanent employees with salary group between 75 and 105		
nformation	[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 partof section 3.3 (Number of Permanent Employees by Basic Salary Group) of the questionnair		
Literal question	Total number of permanent employees with salary group between 75 and 105		
<sup>#66</sup> p33c5t: Total num	ber 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 partof section 3.3 (Number of Permanent Employees by Basic Salary Group) of the questionnair		
Literal question	Total number of permanent employees with salary group between 105 and 150		
<sup>#67</sup> p33c6t: Total num	ber of permanent employees with salary group between 150 and 200		
nformation	[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 partof section 3.3 (Number of Permanent Employees by Basic Salary Group) of the questionnair		
Literal question	Total number of permanent employees with salary group between 150 and 200		
<sup>#68</sup> p33c7t: Total num	ber 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 partof section 3.3 (Number of Permanent Employees by Basic Salary Group) of the questionnair		
Literal question	Total number of permanent employees with salary group between 200 and 250		
<sup>#69</sup> p33c8t: Total num	ber 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 partof section 3.3 (Number of Permanent Employees by Basic Salary Group) of the questionnair		

Literal questionTotal#70 p33c9t: Total numberInformation[TypeInformation[ValidStatistics [NW/ W][ValidDefinitionThisLiteral questionTotal#71 p33c10t: Total numberInformation[TypeStatistics [NW/ W][ValidDefinitionThisLiteral questionTotal#72 p33c11t: Total numberInformation[TypeStatistics [NW/ W][ValidDefinitionThisLiteral questionTotal#72 p33c11t: Total numberInformation[TypeStatistics [NW/ W][ValidDefinitionThisLiteral questionTotal#73 p33c12t: Total numberInformation[TypeStatistics [NW/ W][ValidDefinitionThisLiteral questionTotal#74 p33c13t: Total numberInformationInformation[TypeStatistics [NW/ W][Valid#74 p33c13t: Total numberInformation[TypeStatistics [NW/ W][Valid	of permanent employees with salary group between 250 and 300 of permanent employees with salary group between 300 and 400 e= continuous] [Format=numeric] [Range= 1-1375] [Missing=*] d=486 /-] [Invalid=239 /-] [Mean=28.967 /-] [StdDev=95.442 /-] variable is partof section 3.3 (Number of Permanent Employees by Basic Salary Group) of the questionnaire I number of permanent employees with salary group between 300 and 400 r of permanent employees with salary group between 400 and 500 e= continuous] [Format=numeric] [Range= 1-550] [Missing=*] d=417 /-] [Invalid=308 /-] [Mean=24.875 /-] [StdDev=62.243 /-] variable is partof section 3.3 (Number of Permanent Employees by Basic Salary Group) of the questionnaire I number of permanent employees with salary group between 400 and 500 r of permanent employees with salary group between 400 and 500 r of permanent employees with salary group between 500 and 700 e= continuous] [Format=numeric] [Range= 1-577] [Missing=*] d=409 /-] [Invalid=316 /-] [Mean=25.553 /-] [StdDev=60.141 /-] variable is partof section 3.3 (Number of Permanent Employees by Basic Salary Group) of the questionnaire I number of permanent employees with salary group between 500 and 700 e= continuous] [Format=numeric] [Range= 1-577] [Missing=*] d=409 /-] [Invalid=316 /-] [Mean=25.553 /-] [StdDev=60.141 /-] variable is partof section 3.3 (Number of Permanent Employees by Basic Salary Group) of the questionnaire I number of permanent employees with salary group between 500 and 700 er of permanent employees with salary group between 500 and 700 er continuous] [Format=numeric] [Range= 1-360] [Missing=*] d=318 /-] [Invalid=407 /-] [Mean=20.069 /-] [StdDev=43.893 /-]	
#70 p33c9t: Total number         Information       [Type]         Statistics [NW/ W]       [Valid]         Definition       This         Literal question       Total         #71 p33c10t: Total number       [Type]         Information       [Type]         Statistics [NW/ W]       [Valid]         Information       [Type]         Statistics [NW/ W]       [Valid]         Definition       This         Literal question       Total         #72 p33c11t: Total number       [Type]         Information       [Type]         Statistics [NW/ W]       [Valid]         Definition       This         Literal question       Total         #73 p33c12t: Total number       [Type]         Statistics [NW/ W]       [Valid]         Definition       This         Literal question       Total         #73 p33c12t: Total number       [Type]         Statistics [NW/ W]       [Valid]         Definition       This         Literal question       Total         #74 p33c13t: Total number       [Type]         Information       [Type]         Statistics [NW/ W]       [Valid] <th>of permanent employees with salary group between 300 and 400 e= continuous] [Format=numeric] [Range= 1-1375] [Missing=*] d=486 /-] [Invalid=239 /-] [Mean=28.967 /-] [StdDev=95.442 /-] variable is partof section 3.3 (Number of Permanent Employees by Basic Salary Group) of the questionnaire number of permanent employees with salary group between 300 and 400 r of permanent employees with salary group between 400 and 500 e= continuous] [Format=numeric] [Range= 1-550] [Missing=*] d=417 /-] [Invalid=308 /-] [Mean=24.875 /-] [StdDev=62.243 /-] variable is partof section 3.3 (Number of Permanent Employees by Basic Salary Group) of the questionnaire number of permanent employees with salary group between 400 and 500 r of permanent employees with salary group between 500 and 700 e= continuous] [Format=numeric] [Range= 1-577] [Missing=*] d=409 /-] [Invalid=316 /-] [Mean=25.553 /-] [StdDev=60.141 /-] variable is partof section 3.3 (Number of Permanent Employees by Basic Salary Group) of the questionnaire number of permanent employees with salary group between 500 and 700 e= continuous] [Format=numeric] [Range= 1-577] [Missing=*] d=409 /-] [Invalid=316 /-] [Mean=25.553 /-] [StdDev=60.141 /-] variable is partof section 3.3 (Number of Permanent Employees by Basic Salary Group) of the questionnaire number of permanent employees with salary group between 500 and 700 e= continuous] [Format=numeric] [Range= 1-577] [Missing=*] d=409 /-] [Invalid=316 /-] [Mean=25.553 /-] [StdDev=60.141 /-] variable is partof section 3.3 (Number of Permanent Employees by Basic Salary Group) of the questionnaire number of permanent employees with salary group between 500 and 700 r of permanent employees with salary group between 700 and 1000 e= continuous] [Format=numeric] [Range= 1-360] [Missing=*]</th>	of permanent employees with salary group between 300 and 400 e= continuous] [Format=numeric] [Range= 1-1375] [Missing=*] d=486 /-] [Invalid=239 /-] [Mean=28.967 /-] [StdDev=95.442 /-] variable is partof section 3.3 (Number of Permanent Employees by Basic Salary Group) of the questionnaire number of permanent employees with salary group between 300 and 400 r of permanent employees with salary group between 400 and 500 e= continuous] [Format=numeric] [Range= 1-550] [Missing=*] d=417 /-] [Invalid=308 /-] [Mean=24.875 /-] [StdDev=62.243 /-] variable is partof section 3.3 (Number of Permanent Employees by Basic Salary Group) of the questionnaire number of permanent employees with salary group between 400 and 500 r of permanent employees with salary group between 500 and 700 e= continuous] [Format=numeric] [Range= 1-577] [Missing=*] d=409 /-] [Invalid=316 /-] [Mean=25.553 /-] [StdDev=60.141 /-] variable is partof section 3.3 (Number of Permanent Employees by Basic Salary Group) of the questionnaire number of permanent employees with salary group between 500 and 700 e= continuous] [Format=numeric] [Range= 1-577] [Missing=*] d=409 /-] [Invalid=316 /-] [Mean=25.553 /-] [StdDev=60.141 /-] variable is partof section 3.3 (Number of Permanent Employees by Basic Salary Group) of the questionnaire number of permanent employees with salary group between 500 and 700 e= continuous] [Format=numeric] [Range= 1-577] [Missing=*] d=409 /-] [Invalid=316 /-] [Mean=25.553 /-] [StdDev=60.141 /-] variable is partof section 3.3 (Number of Permanent Employees by Basic Salary Group) of the questionnaire number of permanent employees with salary group between 500 and 700 r of permanent employees with salary group between 700 and 1000 e= continuous] [Format=numeric] [Range= 1-360] [Missing=*]	
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#73 p33c12t: Total number         Information       [Type         Statistics [NW/ W]       [Valid         Definition       This         Literal question       Total         #74 p33c13t: Total number       [Type         Information       [Type         Statistics [NW/ W]       [Valid         W/ Pair       [Type         Statistics [NW/ W]       [Valid	r of permanent employees with salary group between 700 and 1000 e= continuous] [Format=numeric] [Range= 1-360] [Missing=*]	
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#74 p33c13t: Total number Information [Type Statistics [NW/ W] [Valid	variable is partof section 3.3 (Number of Permanent Employees by Basic Salary Group) of the questionnaire	
Information [Type Statistics [NW/ W] [Valio	number of permanent employees with salary group between 700 and 1000	
Statistics [NW/ W]     [Valid	r of permanent employees with salary group between 1000 and 1500	
	e= continuous] [Format=numeric] [Range= 1-223] [Missing=*]	
Definition This	d=274 /-] [Invalid=451 /-] [Mean=8.916 /-] [StdDev=19.686 /-]	
	variable is partof 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	
<sup>¥75</sup> p33c14t: Total numbe	r of permanent employees with salary group between 1500 and 2000	
Information [Type	e= continuous] [Format=numeric] [Range= 1-30] [Missing=*]	
Statistics [NW/ W] [Valio	d=162 /-] [Invalid=563 /-] [Mean=3.222 /-] [StdDev=4.216 /-]	
Definition This	variable is partof 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	
<sup>#76</sup> p33c15t: Total number of permanent employees with salary group over 2000		
Information [Type	e= continuous] [Format=numeric] [Range= 1-15] [Missing=*]	
Statistics [NW/ W] [Valio	d=85 /-] [Invalid=640 /-] [Mean=2.129 /-] [StdDev=2.369 /-]	
Definition This	variable is partof 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	
<sup>#77</sup> p33c16t: Total number	r of permanent employees	
Information [Type		

File Dataset_a	t_establishment_level_for_1990(1997-1998)
#77 p33c16t: Total nu	umber of permanent employees
Statistics [NW/ W]	[Valid=710 /-] [Invalid=15 /-] [Mean=114.49 /-] [StdDev=336.804 /-]
Definition	This variable is partof section 3.3 (Number of Permanent Employees by Basic Salary Group) of the questionnaire
Literal question	Total number of permanent employees
#78 p41c8t: Total val	ue 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
<sup>#79</sup> p41c10t: Total sa	ales 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 va	alue 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 o	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	or 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
<sup>#84</sup> p42c5: Value of o	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

#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		
<sup>#86</sup> 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		
<sup>#91</sup> p61c7t: Total valu	e 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 Quanity of Raw Materials) of the questionnaire		
Literal question	Total value of local raw materials		
#92 p61c9t: Total valu	e 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 Quanity of Raw Materials) of the questionnaire		

<sup>#92</sup> p61c9t: Total value of Imported raw materials			
Literal question	Total value of Imported raw materials		
<sup>#93</sup> p61c11t: Value of	<sup>#93</sup> p61c11t: Value of total raw materials		
Information	[Type= continuous] [Format=numeric] [Range= 584-105904353] [Missing=*]		
Statistics [NW/ W]	[Valid=721 /-] [Invalid=4 /-] [Mean=3986372.7 /-] [StdDev=10805000.357 /-]		
Literal question	Value of total raw materials		
<sup>#94</sup> 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	/ conmsuption 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 conmsuption in KWH		
<sup>#96</sup> p62c8t: Cost of el	ectricity consumed		
Information	[Type= continuous] [Format=numeric] [Range= 120-21565331] [Missing=*]		
Statistics [NW/ W]	[Valid=717 /-] [Invalid=8 /-] [Mean=164706.604 /-] [StdDev=987199.714 /-]		
Definition	This variable is part of section 6.2 (Other Industrial Costs) of the questionnaire		
Literal question	Cost of electricity consumed		
<sup>#97</sup> p62c9t: Cost of w	ood and charcoal for energy		
Information	[Type= continuous] [Format=numeric] [Range= 10-503479] [Missing=*]		
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		
Literal question	Cost of wood and charcoal for energy		
#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		
Literal question	Cost of contract work done by others for the establishment		
#100 p62c12t: Cost of	goods bought and resold		
Information	[Type= continuous] [Format=numeric] [Range= 115-18749892] [Missing=*]		
Statistics [NW/ W]	[Valid=43 /-] [Invalid=682 /-] [Mean=1630371.047 /-] [StdDev=3565129.853 /-]		

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#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			
<sup>#101</sup> p62c13t: Cost of repair and mainterance				
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 mainterance			
#102 p62c14t: Total va	alue 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 f	ee			
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: Stationar	y, 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	t 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 p	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			
L				

#108 p63c7: Interest payments				
Literal question Interest payments				
#109 p63c8: Bank cha				
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			
<sup>#110</sup> p63c9: Dividend				
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 pay	yable 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	ce 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			
<sup>#113</sup> p63c12: Others r	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			
<sup>#114</sup> p63c13: Total va	lue 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 ta	ax paid on profit			
Information	[Type= continuous] [Format=numeric] [Range= 0-36538321] [Missing=*]			
	·			

#116 p64c3: Income ta	ax 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 taxe	es 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 bo	ok 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 inv	estment 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 sol	d 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 de	preciation 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 bo	ok 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 inv	restment 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		

#124 <b>p72c4</b>	t: Total wo	rking capital				
Information		[Type= continuous] [Format=numeric] [	Range= 1200-1672676	33] [Missing=*]		
Statistics [N	w/ w]	[Valid=553 /-] [Invalid=172 /-] [Mean=44	141312.387 /-] [StdDev	=14745929.639 /-]		
Definition		This variable is part of section 7.2 (Ann	ual Investment by Type	e and Source) of the questic	nnaire	
Literal ques	tion	Total working capital				
#125 <b>p81c</b> 7	7t: Total va	ue of production (if working at	t full capacity) at	market price		
nformation		[Type= continuous] [Format=numeric] [	Range= 24480-497218	113] [Missing=*]		
Statistics [N	w/ w]	[Valid=724 /-] [Invalid=1 /-] [Mean=1627	75125.983 /-] [StdDev=	44653143.952 /-]		
Definition		This variable is part of section 8.1 (Ann	ual Production at Full	Capacity ) of the questionna	ire	
Literal question         Total value of production (if working at full capacity) at market price						
<sup>±126</sup> p82c7	7t: Total va	ue of local raw materials (if wo	orking at full capa	icity)		
nformation		[Type= continuous] [Format=numeric] [	Range= 780-19001041	3] [Missing=*]		
Statistics [N	w/ w]	[Valid=654 /-] [Invalid=71 /-] [Mean=532	20883.937 /-] [StdDev=	14994506.828 /-]		
Definition		This variable is part of section 8.2 (Esti the questionnaire	mated Value and Quar	tity of Raw Materials Neede	d, at Full Capacity) of	
Literal ques	tion	Total value of local raw materials (if wo	rking at full capacity)			
<sup>127</sup> p82c	et: Total va	lue of imported raw materials (	if working at full	capacity)		
nformation		[Type= continuous] [Format=numeric] [	Range= 300-26520109	04] [Missing=*]		
Statistics [N	w/ w]	[Valid=496 /-] [Invalid=229 /-] [Mean=5477142.887 /-] [StdDev=19918586.343 /-]				
Definition		This variable is part of section 8.2 (Esti the questionnaire	mated Value and Quar	tity of Raw Materials Neede	d, at Full Capacity) of	
_iteral ques	tion	Total value of imported raw materials (i	f working at full capacit	y)		
<sup>≠128</sup> <b>p82c</b> ′	11t: Total v	alue of estimated raw materials	s (if working at fu	II capacity)		
nformation		[Type= continuous] [Format=numeric] [	Range= 2020-2855000	000] [Missing=*]		
Statistics [N	w/ w]	[Valid=712 /-] [Invalid=13 /-] [Mean=851	12603.768 /-] [StdDev=	23007550.196 /-]		
Definition		This variable is part of section 8.2 (Esti the questionnaire	.2 (Estimated Value and Quantity of Raw Materials Needed, at Full Capacity) of			
Literal ques	tion	Total value of estimated raw materials (if working at full capacity)				
<sup>±129</sup> <b>p83a</b> :	Three maj	or problems that prevented op	erating with full o	capacity (1)		
nformation		[Type= discrete] [Format=numeric] [Range= 1-8] [Missing=*]				
Statistics [N	w/ w]	[Valid=653 /-] [Invalid=72 /-]	Invalid=72 /-]			
iteral ques	tion	What were the three major problems th	at prevented the estab	lishment from operating with	n full capacity	
Value	Label		Cases	Percer	ntage	
1	Shoratge	of supply of raw materials	154	23.6%	2	
2	Shortage	of spare parts	37	5.7%		
3	Getting m	arket/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	Governm	ent rules and regulation	96	14.7%		

	Label		Cases		Percentage	
Sysmiss	iqures indicate th	e number of cases found in the data file. They can	72 72 rot be interpreted as summa	ry statistics of the r	opulation of interest.	
	-	or problems that prevented op	-			
Information		[Type= discrete] [Format=numeric] [Rai	nge= 1-8] [Missing=*]			
Statistics [N	w/ w]	[Valid=392 /-] [Invalid=333 /-]				
Literal quest	ion	What were the three major problems th	at prevented the establ	ishment from o	perating with full capac	ity
Value	Label	·	Cases		Percentage	
1	Shoratge	of supply of raw materials	81		20.7%	
2	Shortage	of spare parts	58		14.8%	
3	Getting m	arket/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	Governme	ent rules and regulation	69		17.6%	
8	Others		0	0.0%		
Sysmiss			333			
Warning: these f	igures indicate th	e number of cases found in the data file. They can	not be interpreted as summa	ry statistics of the p	oopulation of interest.	
<sup>#131</sup> <b>p83c:</b>	Three maj	or problems that prevented op	erating with full c	apacity (3)		
Information		[Type= discrete] [Format=numeric] [Rai	nge= 1-8] [Missing=*]			
Statistics [NW/ W] [Valid=178 /-] [Invalid=547 /-]						
อเลเเรเเตรี [N	w/ w]	[Valid=178 /-] [Invalid=547 /-]				
-	-	[Valid=178 /-] [Invalid=547 /-] What were the three major problems th	at prevented the establ	ishment from o	perating with full capac	ity
-	-		at prevented the establ	ishment from o	perating with full capac	iity
Literal quest	Label			ishment from op		ity
Literal quest	ion Label Shoratge	What were the three major problems th	Cases	_	Percentage	ity
Literal quest Value 1	tion Label Shoratge Shortage	What were the three major problems th of supply of raw materials	Cases 31	_	Percentage 17.4%	ity
Literal quest Value 1 2	Label Shoratge Shortage Getting m	What were the three major problems th of supply of raw materials of spare parts	<b>Cases</b> 31 17	_	Percentage 17.4% .6%	ity
Literal quest Value 1 2 3	Label Shoratge Shortage Getting m Shortage	What were the three major problems the of supply of raw materials of spare parts arket/customers	Cases 31 17 27	_	Percentage 17.4% .6% 15.2%	ity
Literal quest Value 1 2 3 4	Label Shoratge Shortage Getting m Shortage Repeated	What were the three major problems the of supply of raw materials of spare parts arket/customers of working capital	Cases           31           17           27           26	9	Percentage 17.4% .6% 15.2% 14.6%	ity
Literal quest Value 1 2 3 4 5	ion Label Shoratge Shortage Getting m Shortage Repeated Problems	What were the three major problems the of supply of raw materials of spare parts arket/customers of working capital breakage of machinery	Cases           31           17           27           26           4	9	Percentage 17.4% .6% 15.2% 14.6%	
Literal quest Value 1 2 3 4 5 6	ion Label Shoratge Shortage Getting m Shortage Repeated Problems	What were the three major problems the of supply of raw materials of spare parts arket/customers of working capital breakage of machinery with workers	Cases           31           17           27           26           4           14	9	Percentage 17.4% .6% 15.2% 14.6%	
Literal quest Value 1 2 3 4 5 6 7	ion Label Shoratge Shortage Getting m Shortage Repeated Problems Governme	What were the three major problems the of supply of raw materials of spare parts arket/customers of working capital breakage of machinery with workers	Cases           31           17           27           26           4           14           59	9 2.2% 7.9	Percentage 17.4% .6% 15.2% 14.6%	
Literal quest Value 1 2 3 4 5 6 7 8 8 Sysmiss	tion Label Shoratge Shortage Getting m Shortage Repeated Problems Governme Others	What were the three major problems the of supply of raw materials of spare parts arket/customers of working capital breakage of machinery with workers	Cases           31           17           27           26           4           59           0           547	9 2.2% 7.9 0.0%	Percentage 17.4% .6% 15.2% 14.6%	
Literal quest Value 1 2 3 4 5 6 6 7 8 8 Sysmiss Warning: these f	ion Label Shoratge Shortage Getting m Shortage Repeated Problems Governme Others	What were the three major problems the of supply of raw materials of spare parts arket/customers of working capital breakage of machinery with workers ent rules and regulation	Cases           31           17           27           26           4           59           0           547	9 2.2% 7.9 0.0%	Percentage 17.4% .6% 15.2% 14.6%	
Literal quest Value 1 2 3 4 5 6 7 8 8 Sysmiss Warning: these f #132 <b>p84a</b> :	ion Label Shoratge Shortage Getting m Shortage Repeated Problems Governme Others	What were the three major problems the of supply of raw materials of spare parts arket/customers of working capital breakage of machinery with workers ent rules and regulation	Cases         31         17         27         26         4         59         0         547         not be interpreted as summar         nent at present	9 2.2% 7.9 0.0%	Percentage 17.4% .6% 15.2% 14.6%	
Literal quest Value 1 2 3 4 5 6 6 7 8 8 Sysmiss Warning: these f	tion Label Shoratge Shortage Getting m Shortage Repeated Problems Governme Others	What were the three major problems the of supply of raw materials of spare parts arket/customers of working capital breakage of machinery with workers ent rules and regulation e number of cases found in the data file. They can r problem faced the establishm	Cases         31         17         27         26         4         59         0         547         not be interpreted as summar         nent at present	9 2.2% 7.9 0.0%	Percentage 17.4% .6% 15.2% 14.6%	
Literal quest Value 1 2 3 4 5 6 7 8 Sysmiss Warning: these f #132 <b>p84a:</b> Information Statistics [N	tion Label Shoratge Shortage Getting m Shortage Repeated Problems Governme Others	What were the three major problems the of supply of raw materials of spare parts arket/customers of working capital breakage of machinery with workers ent rules and regulation e number of cases found in the data file. They can r problem faced the establishm [Type= discrete] [Format=numeric] [Rat	Cases         31         17         27         26         4         14         59         0         547         not be interpreted as summary         nent at present         nge= 1-11] [Missing=*]	2.2% 7.9 0.0%	Percentage 17.4% .6% 15.2% 14.6% %	iity 33.1%
Literal quest Value 1 2 3 4 5 6 7 8 Sysmiss Warning: these f #132 <b>p84a:</b> Information Statistics [N	tion Label Shoratge Shortage Getting m Shortage Repeated Problems Governme Others	What were the three major problems the of supply of raw materials of spare parts arket/customers of working capital breakage of machinery with workers ent rules and regulation e number of cases found in the data file. They can r problem faced the establishm [Type= discrete] [Format=numeric] [Ran [Valid=722 /-] [Invalid=3 /-]	Cases         31         17         27         26         4         14         59         0         547         not be interpreted as summary         nent at present         nge= 1-11] [Missing=*]	2.2% 7.9 0.0%	Percentage 17.4% .6% 15.2% 14.6% %	
Literal quest Value 1 2 3 4 5 6 7 8 Sysmiss Warning: these f #132 <b>p84a:</b> Information Statistics [N] Literal quest	tion Label Shoratge Shortage Getting m Shortage Repeated Problems Governme Others Tigures indicate th First majo	What were the three major problems the of supply of raw materials of spare parts arket/customers of working capital breakage of machinery with workers ent rules and regulation e number of cases found in the data file. They can r problem faced the establishm [Type= discrete] [Format=numeric] [Ran [Valid=722 /-] [Invalid=3 /-]	Cases           31           17           27           26           4           14           59           0           547           not be interpreted as summariant           hent at present           nge= 1-11] [Missing=*]           are facing the establis	2.2% 7.9 0.0%	Percentage 17.4% .6% 15.2% 14.6% % http://www.action.of interest.	
Literal quest Value 1 2 3 4 5 6 7 8 Sysmiss Warning: these f #132 p84a: Information Statistics [N] Literal quest Value	tion Label Shorage Shortage Getting m Getting m Shortage Repeated Problems Governme Governme Governme tion Label Shortage	What were the three major problems the of supply of raw materials of spare parts arket/customers of working capital breakage of machinery with workers ent rules and regulation e number of cases found in the data file. They can r problem faced the establishm [Type= discrete] [Format=numeric] [Rat [Valid=722 /-] [Invalid=3 /-] What are the three major problems that	Cases         31         17         27         26         4         14         59         0         547         not be interpreted as summar         nent at present         nge= 1-11] [Missing=*]         are facing the establis         Cases	2.2% 7.9 0.0%	Percentage 17.4% .6% 15.2% 14.6% % http://www.accurrentstory.com/accur	
Literal quest Value 1 2 3 4 5 6 7 8 Sysmiss Warning: these f #132 <b>p84a:</b> Information Statistics [N] Literal quest Value 1	tion  Label Shoratge Shortage Getting m Getting m Shortage Repeated Problems Governme Others  Tisrrst majo W/ W] tion Label Shortage Shortage Shortage	What were the three major problems the of supply of raw materials of spare parts arket/customers of working capital breakage of machinery with workers ent rules and regulation e number of cases found in the data file. They can r problem faced the establishm [Type= discrete] [Format=numeric] [Ran [Valid=722 /-] [Invalid=3 /-] What are the three major problems that of supply of raw materials	Cases         31         17         27         26         4         14         59         0         547         not be interpreted as summary         nent at present         nge= 1-11] [Missing=*]         are facing the establis         Cases         138	9 2.2% 7.9 0.0% ry statistics of the p	Percentage 17.4% .6% 15.2% 14.6% % http://www.accurrentstory.com/accur	

Value	Label		Cases	Percentage	
5	Shortage	of working capital	53	7.3%	
6	Frequent	machine breakage	27	3.7%	
7	Inconven	ient working place	13	1.8%	
8	Problems	s with workers	1	0.1%	
9	Governm	ent rules and regulation	21	2.9%	
10	No proble	ems faced	44	6.1%	
11	Others		58	8.0%	
Sysmiss			3		
Warning: these	e figures indicate ti	he number of cases found in the data file. They can	not be interpreted as summar	y statistics of the population of interest.	
<sup>#133</sup> <b>p84b</b>	: Second n	najor problem faced the establi	shment at present		
nformation	1	[Type= discrete] [Format=numeric] [Ra	nge= 1-11] [Missing=*]		
Statistics [N	ww/ w]	[Valid=516 /-] [Invalid=209 /-]			
Literal ques	stion	What are the three major problems that	t are facing the establish	nment 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 n	narket competition	45	8.7%	
4	Getting n	narket/customers	107		20.7%
5	Shortage	of working capital	101		19.6%
6	Frequent	machine breakage	30	5.8%	
7	Inconven	ient working place	26	5.0%	
8	Problems	s with workers	2	0.4%	
9	Governm	ent rules and regulation	33	6.4%	
10	No proble	ems faced	1	0.2%	
11	Others		51	9.9%	
Sysmiss			209		
		he number of cases found in the data file. They can		y statistics of the population of interest.	
•	-	or problem faced the establish	•		
		[Type= discrete] [Format=numeric] [Ra	nge= 1-11] [Missing=*]		
	Statistics [NW/ W] [Valid=293 /-] [Invalid=432 /-]				
Information Statistics [N	NW/ W]				
	-	What are the three major problems that	t are facing the establish	nment at present ?	
Statistics [N	-		t are facing the establish	nment at present ? Percentage	
Statistics [I	Label		Cases 36	Percentage	12.3%
Statistics [I ∟iteral ques Value 1	Label Shortage	What are the three major problems that	Cases	Percentage 6.5%	12.3%
Statistics [I Literal ques Value 1 2	Label Shortage Shortage	What are the three major problems that of supply of raw materials	Cases 36	Percentage	12.3%
Statistics [I Literal ques Value	Shortage Difficult n	What are the three major problems that of supply of raw materials of spare parts	<b>Cases</b> 36 19	Percentage 6.5% 7.5%	12.3%
Statistics [I Literal ques Value 1 2 3	Shortage Shortage Difficult n Getting n	What are the three major problems that of supply of raw materials of spare parts market competition	Cases 36 19 22	Percentage 6.5% 7.5%	1.6%
Statistics [I Literal ques Value 1 2 3 4 5	Shortage Shortage Difficult n Getting n Shortage	What are the three major problems that e of supply of raw materials e of spare parts market competition market/customers	Cases 36 19 22 34	Percentage 6.5% 7.5%	1.6%
Statistics [I Literal ques Value 1 2 3 4	Shortage Shortage Shortage Difficult n Getting n Shortage Frequent	What are the three major problems that of supply of raw materials of spare parts market competition market/customers of working capital	Cases 36 19 22 34 42	Percentage 6.5% 7.5%	1.6%
Statistics [N Literal ques Value 1 2 3 4 5 6	Stion Label Shortage Shortage Difficult n Getting n Shortage Frequent	What are the three major problems that of supply of raw materials of spare parts market competition market/customers of working capital machine breakage	Cases           36           19           22           34           42           32	Percentage 6.5% 7.5%	1.6%

#### <sup>#134</sup> 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.					
Eile Number of persons encoded pertod					

#### File Number\_of\_persons\_engaged\_part31

		<u></u>				
#1 eid: Ente	rprise id					
Information		[Type= discrete] [Format=numeric] [Ran	ge= 15110002-361028	37] [Missing=*]		
Statistics [NW	// W]	[Valid=2127 /-] [Invalid=0 /-]				
Literal question	on	Enterprise id				
Recoding and	Derivation	This variable is derived by combining tw each questionnaire.	o variables, i.e. ISIC a	nd establishment. The enterprise id is	s unique for	
#2 region: R	<sup>#2</sup> region: Region code					
Information		[Type= discrete] [Format=numeric] [Ran	ge= 1-15] [Missing=*]			
Statistics [NW	// W]	[Valid=2127 /-] [Invalid=0 /-]				
Literal questic	on	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	BENSHAN	NGUL	0	0.0%		
7	S.N.N.P.R	l.	185	8.7%		
12	GAMBELA	A	2	0.1%		
13	HARARI		23	1.1%		
14	ADDIS AE	BABA	1339		63.0%	
15	DIRE DAV		62	2.9%		
		e number of cases found in the data file. They cann	ot be interpreted as summar	y statistics of the population of interest.		
#3 zone: Zo	ne coae	1				
Information		[Type= discrete] [Format=numeric] [Ran	ge= 1-71] [Missing=*]			
Statistics [NW	// <b>W]</b>	[Valid=2123 /-] [Invalid=4 /-]				
Literal question	on	Zone code				
#4 wereda:	Wereda co	ode				
Information		[Type= discrete] [Format=numeric] [Ran	ge= 1-87] [Missing=*]			
Statistics [NW	// W]	[Valid=1365 /-] [Invalid=762 /-]				
Literal question	on	Wereda code				
#5 town: To	wn code					
Information		[Type= discrete] [Format=numeric] [Ran	ge= 1-106] [Missing=*]			
Statistics [NW	// <b>W]</b>	[Valid=2127 /-] [Invalid=0 /-]				
Literal questic	on	Town code				
•		•				

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#### #5 town: Town code

#o town: I	own code					
		Frequency table not shown (10	5 Modalitie	es)		
#6 kefetgn	a: Kefetegi	na number				
Information		[Type= discrete] [Format=numeric] [Range= 1-65] [Missing=*]				
Statistics [N	w/ w]	[Valid=1815 /-] [Invalid=312 /-]				
Literal quest	iteral question Kefetegna number					
#7 kebele:	Kebele nu	mber				
Information		[Type= discrete] [Format=numeric] [Range= 1-88] [I	Vissing=*]			
Statistics [N	w/ w]	[Valid=2015 /-] [Invalid=112 /-]				
Literal quest	Literal question Kebele number					
<sup>#8</sup> housen	o: House n	umber				
Information		[Type= discrete] [Format=numeric] [Range= 0-4858	] [Missing=	:*]		
Statistics [N	w/ w]	[Valid=1503 /-] [Invalid=624 /-]				
Literal quest	tion	House number				
<sup>#9</sup> srefyea	r: Survey r	eference year				
Information		[Type= discrete] [Format=numeric] [Range= 1990-1	990] [Missi	ing=*]		
Statistics [N	w/ w]	[Valid=2127 /-] [Invalid=0 /-]				
Literal quest	Literal question Survey reference year					
Value	Label		Cases		Percentage	
	Label		<b>Cases</b> 2127	_	Percentage	100.0%
1990	<b>Label</b> 1990 (199		2127	ry statistics of the p		100.0%
1990 Warning: these f	Label 1990 (199 figures indicate th	7/1998)	2127 ed as summai	ry statistics of the p		100.0%
1990 Warning: these f #10 <b>isic: In</b>	Label 1990 (199 figures indicate th	17/1998) e number of cases found in the data file. They cannot be interpret standard industrial classification (ISIC)	2127 ed as summan	<u> </u>		100.09
1990 Warning: these f	Label 1990 (199 figures indicate th iternational	17/1998) e number of cases found in the data file. They cannot be interpret	2127 ed as summan	<u> </u>		100.09
1990 <i>Warning: these f</i> #10 isic: In Information	Label 1990 (199 figures indicate th iternational	17/1998) e number of cases found in the data file. They cannot be interprete standard industrial classification (ISIC [Type= discrete] [Format=numeric] [Range= 1511-3	2127 ed as summar ) 610] [Missi	<u> </u>		100.0%
1990 Warning: these f #10 isic: In Information Statistics [N	Label 1990 (199 figures indicate th iternational	17/1998) e number of cases found in the data file. They cannot be interprete standard industrial classification (ISIC) [Type= discrete] [Format=numeric] [Range= 1511-3 [Valid=2127 /-] [Invalid=0 /-]	2127 ed as summar ) 610] [Missi	<u> </u>	population of interest.	100.0%
1990 Warning: these f #10 <b>isic: In</b> Information Statistics [N Literal quest	Label 1990 (199 figures indicate th aternational W/ W] tion Label	17/1998) e number of cases found in the data file. They cannot be interprete standard industrial classification (ISIC) [Type= discrete] [Format=numeric] [Range= 1511-3 [Valid=2127 /-] [Invalid=0 /-]	2127 ed as summar ) 610] [Missi	<u> </u>		100.09
1990 Warning: these f #10 isic: In Information Statistics [N Literal quest Value	Label 1990 (199 figures indicate th aternational W/W] tion Label Production	7/1998) e number of cases found in the data file. They cannot be interprete standard industrial classification (ISIC [Type= discrete] [Format=numeric] [Range= 1511-3 [Valid=2127 /-] [Invalid=0 /-] International standard industrial classification (ISIC)	2127 ed as summan 610] [Missin Cases	ng=*]	Percentage	100.09
1990 Warning: these f #10 <b>isic: In</b> Information Statistics [N Literal quest Value 1511	Label 1990 (199 figures indicate the nternational W/W] tion Label Production manufactu	17/1998)         e number of cases found in the data file. They cannot be interprete         standard industrial classification (ISIC)         [Type= discrete] [Format=numeric] [Range= 1511-3         [Valid=2127 /-] [Invalid=0 /-]         International standard industrial classification (ISIC)         n, processing and preserving of meat, fruit and veg	2127 ed as summar 610] [Missi Cases 21	ng=*] 1.0%	Percentage	100.09
1990 Warning: these f #10 isic: In Information Statistics [N Literal quest Value 1511 1514	Label 1990 (199 figures indicate th aternational W/ W] tion Label Production manufactu Manufactu	17/1998) e number of cases found in the data file. They cannot be interprete standard industrial classification (ISIC [Type= discrete] [Format=numeric] [Range= 1511-3 [Valid=2127 /-] [Invalid=0 /-] International standard industrial classification (ISIC) n, processing and preserving of meat, fruit and veg ure of edible oil	2127 ed as summar 610] [Missi 610] <b>Cases</b> 21 93	ng=*] 1.0% 4.4 0.1%	Percentage	100.09
1990 Warning: these f #10 isic: In Information Statistics [N Literal quest Value 1511 1514 1520	Label 1990 (199 1990 (199 indicate th interrational W/W] tion Label Production manufactu Manufactu	17/1998) e number of cases found in the data file. They cannot be interprete standard industrial classification (ISIC) [Type= discrete] [Format=numeric] [Range= 1511-3 [Valid=2127 /-] [Invalid=0 /-] International standard industrial classification (ISIC) n, processing and preserving of meat, fruit and veg ure of edible oil ure of dairy products	2127 ed as summar 610] [Missi Cases 21 93 2	ng=*] 1.0% 4.4 0.1%	Percentage	100.09
1990 Warning: these f #10 isic: In Information Statistics [N Literal quest Value 1511 1514 1520 1531	Label 1990 (199 figures indicate the aternational W/W tion Label Production manufactu Manufactu Manufactu	17/1998)         e number of cases found in the data file. They cannot be interpreted         standard industrial classification (ISIC)         [Type= discrete] [Format=numeric] [Range= 1511-3         [Valid=2127 /-] [Invalid=0 /-]         International standard industrial classification (ISIC)         n, processing and preserving of meat, fruit and veg         ure of edible oil         ure of dairy products         ure of flour	2127 ed as summar 610] [Missi 610] [Missi 610] 21 93 2 111	ng=*] 1.0% 4.4 0.1%	Percentage	100.09
1990 Warning: these f #10 isic: In Information Statistics [N Literal quest Value 1511 1514 1520 1531 1533	Label 1990 (199 figures indicate th aternational W/W tion Label Production manufactu Manufactu Manufactu Manufactu	17/1998)         e number of cases found in the data file. They cannot be interpreted         standard industrial classification (ISIC)         [Type= discrete] [Format=numeric] [Range= 1511-3         [Valid=2127 /-] [Invalid=0 /-]         International standard industrial classification (ISIC)         n, processing and preserving of meat, fruit and veg         ure of edible oil         ure of dairy products         ure of flour         ure of animal feed	2127 ed as summar 610] [Missi 610] [Missi 0 610] [Missi 0 7 7 8 8 9 3 2 111 11 11	ng=*] 1.0% 4.4 0.1%	Percentage	100.09
1990 Warning: these f #10 isic: In Information Statistics [N Literal quest Value 1511 1514 1520 1531 1533 1541	Label 1990 (199 indicate the interrational W/W tion Label Production Manufactu Manufactu Manufactu Manufactu	17/1998) e number of cases found in the data file. They cannot be interprete standard industrial classification (ISIC) [Type= discrete] [Format=numeric] [Range= 1511-3 [Valid=2127 /-] [Invalid=0 /-] International standard industrial classification (ISIC) n, processing and preserving of meat, fruit and veg ure of edible oil ure of dairy products ure of flour ure of animal feed ure of bakery	2127 ed as summar 610] [Missi 610] [Missi 21 93 2 111 11 11 228	ng=*] 1.0% 4.4 0.1% 5 0.5%	Percentage	100.04
1990 Warning: these f #10 isic: In Information Statistics [N Literal quest Value 1511 1514 1520 1531 1533 1541 1542	Label 1990 (199 figures indicate the atternational total Label Production Manufactu Manufactu Manufactu Manufactu Manufactu Manufactu Manufactu	17/1998)         e number of cases found in the data file. They cannot be interprete         standard industrial classification (ISIC)         [Type= discrete] [Format=numeric] [Range= 1511-3         [Valid=2127 /-] [Invalid=0 /-]         International standard industrial classification (ISIC)         n, processing and preserving of meat, fruit and veg         ure of edible oil         ure of dairy products         ure of flour         ure of bakery         ure of sugar and confecionary	2127 ed as summar 610] [Missin 610] [Missin 610] [Missin 610] [Missin 610] [Missin 7 2 111 11 11 228 23	ng=*] 1.0% 4.4 0.1% 5 0.5% 1.1%	Percentage	100.09
1990 <i>Warning: these f</i> #10 <b>isic: In</b> Information Statistics [N Literal quest Value 1511 1514 1520 1531 1533 1541 1542 1544	Label 1990 (199 injures indicate the atternational total Label Production Manufactu Manufactu Manufactu Manufactu Manufactu Manufactu Manufactu Manufactu	17/1998) e number of cases found in the data file. They cannot be interprete standard industrial classification (ISIC) [Type= discrete] [Format=numeric] [Range= 1511-3 [Valid=2127 /-] [Invalid=0 /-] International standard industrial classification (ISIC) n, processing and preserving of meat, fruit and veg ure of edible oil ure of dairy products ure of flour ure of animal feed ure of bakery ure of sugar and confecionary ure of pasta and macaroni	2127 ed as summar 610] [Missi Cases 21 93 2 111 11 228 23 9	ng=*] 1.0% 4.4 0.1% 0.5% 1.1% 0.4%	Percentage	100.09
1990 Warning: these f #10 isic: In Information Statistics [N Literal quest Value 1511 1514 1520 1531 1533 1541 1542 1544 1549	Label 1990 (199 figures indicate the atternational total tion Label Production Manufactu Manufactu Manufactu Manufactu Manufactu Manufactu Manufactu Manufactu Manufactu Manufactu Manufactu Manufactu Manufactu Manufactu Manufactu Manufactu Manufactu Manufactu	17/1998)         e number of cases found in the data file. They cannot be interpreted         standard industrial classification (ISIC)         [Type= discrete] [Format=numeric] [Range= 1511-3         [Valid=2127 /-] [Invalid=0 /-]         International standard industrial classification (ISIC)         n, processing and preserving of meat, fruit and veg         ure of edible oil         ure of dairy products         ure of flour         ure of bakery         ure of sugar and confecionary         ure of pasta and macaroni         ure of food NEC	2127 ed as summar 610] [Missi 610] [Missi 2 21 93 2 111 11 228 23 9 28	ng=*] 1.0% 4.4 0.1% 5 0.5% 1.1% 0.4% 1.3%	Percentage	100.04
1990 Warning: these f #10 isic: In Information Statistics [N Literal quest Value 1511 1514 1520 1531 1533 1541 1542 1544 1549 1551 1552	Label 1990 (199 figures indicate th aternational UV/VJ tion UV/VJ tion UV/UJ tion UV/UV/UJ tion UV/UV/UJ tion UV/UV/UV/UV/UV/UV/UV/UV/UV/UV/UV/UV/UV/U	17/1998) e number of cases found in the data file. They cannot be interprete standard industrial classification (ISIC) [Type= discrete] [Format=numeric] [Range= 1511-3 [Valid=2127 /-] [Invalid=0 /-] International standard industrial classification (ISIC) n, processing and preserving of meat, fruit and veg ure of edible oil ure of dairy products ure of flour ure of animal feed ure of bakery ure of sugar and confecionary ure of pasta and macaroni ure of food NEC ectifying and blending of spirit ure of wine	2127 ed as summar 610] [Missi 610] [Missi 21 93 2 111 11 11 228 23 9 28 18 3	ng=*] 1.0% 4.4 0.1% 0.5% 1.1% 0.4% 1.3% 0.8% 0.1%	Percentage	100.04
1990 Warning: these f #10 isic: In Information Statistics [N Literal quest Value 1511 1514 1520 1531 1542 1542 1544 1549 1551 1552 1553	Label 1990 (199 injures indicate the atternational tion Label Production Manufactu	17/1998)         e number of cases found in the data file. They cannot be interpreted         standard industrial classification (ISIC)         [Type= discrete] [Format=numeric] [Range= 1511-3         [Valid=2127 /-] [Invalid=0 /-]         International standard industrial classification (ISIC)         n, processing and preserving of meat, fruit and veg         ure of edible oil         ure of dairy products         ure of flour         ure of sugar and confecionary         ure of pasta and macaroni         ure of food NEC         ectifying and blending of spirit         ure of wine         es and malt	2127 ed as summar 610] [Missi 610] [Missi 2 1 1 1 1 1 2 28 23 9 28 18 3 9 28 18 3 15	ng=*] 1.0% 4.4 0.1% 5 0.5% 1.1% 0.4% 1.3% 0.8% 0.1% 0.7%	Percentage	100.09
1990 Warning: these f #10 isic: In Information Statistics [N Literal quest Value 1511 1514 1520 1531 1533 1541 1542 1544 1549 1551 1552	Label 1990 (199 figures indicate th aternational Label Tornation Tornation Label Distiling re Manufactu	17/1998) e number of cases found in the data file. They cannot be interprete standard industrial classification (ISIC) [Type= discrete] [Format=numeric] [Range= 1511-3 [Valid=2127 /-] [Invalid=0 /-] International standard industrial classification (ISIC) n, processing and preserving of meat, fruit and veg ure of edible oil ure of dairy products ure of flour ure of animal feed ure of bakery ure of sugar and confecionary ure of pasta and macaroni ure of food NEC ectifying and blending of spirit ure of wine	2127 ed as summar 610] [Missi 610] [Missi 21 93 2 111 11 11 228 23 9 28 18 3	ng=*] 1.0% 4.4 0.1% 0.5% 1.1% 0.4% 1.3% 0.8% 0.1%	Percentage	100.09

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#### #10 isic: International standard industrial classification (ISIC)

Value	Label		Cases	Percentage					
1723	Manufactu	re of cordage rope and twine	6	0.3%					
1730	Kniting mil	ls	25	1.2%					
1810	manufactu	re of wearing apparal except fur	78	3.7%					
1910	Tanning ar	nd dressing of leather	30	1.4%					
1920	manufactu	re of footwear	132	6.2%					
2000	Manufactu	re wood and wood products	46	2.2%					
2100	Manufactu	re of paper and paper products	19	0.9%					
2200	Publishing	and printing services	126	5.9%					
2411	Manufactu	re of basic chemicals except fertilzers	12	0.6%					
2422	Manufactu	re of paints varnishes	18	0.8%					
2423	Manufactu	re of phrmaceuticals, medicinial	8	0.4%					
2424	Manufactu	re of soap detregents, perfumes	59	2.8%					
2429	Manufactu	re of chemical productsNEC	11	0.5%					
2510	Manufactu	re of rubber	14	0.7%					
2520	Manufactu	re of plastics	57	2.7%					
2610	Manufactu	re of glass and glass products	8	0.4%					
2693	Manufactu	re of structural clay products	16	0.8%					
2694	Manufactu	re of cement ,lime and plaster	28	1.3%					
2695	Manufactu	re of articles of concrete, cement	166	7.8%					
2699	Manufactu	re of non-metalic NEC	23	1.1%					
2710	Manufactu	re of basic iron and steel	14	0.7%					
2811	Manufactu	re of structural metal products	82	3.9%					
2892	Manufactu	re of cuttlery hand tools	2	0.1%					
2893	Manufactu	re of other fabricated metal products	21	1.0%					
2899	Manufactu	re of pumps,compressors, valves and taps	18	0.8%					
2914	Manufactu	re of ovens	13	0.6%					
2919			6	0.3%					
2925	Manufactu	re of other general purpose machnery	29	1.4%					
2929			3	0.1%					
3140	Manufactu	re of battries	6	0.3%					
3420	manufactu	re of bodies for mothor vechiles	22	1.0%					
3430	manufactu	re of parts and accessaries	6	0.3%					
3610		re of furniture	382		18.0%				
-	-	e number of cases found in the data file. They cannot be inter	preted as summai	y statistics of the population of interest.					
<sup>#11</sup> estabr	no: Establis	hment number							
nformation		[Type= discrete] [Format=numeric] [Range= 1-9	999] [Missing=	*]					
Statistics [N	IW/ W]	[Valid=2127 /-] [Invalid=0 /-]							
Literal ques	tion	Establishment number							
<sup>#12</sup> phone	no: Telepho	one number							
nformation		[Type= discrete] [Format=numeric] [Range= 1-8	12516] [Missin	g=*]					
Statistics [N	IW/ W]	[Valid=1995 /-] [Invalid=132 /-]							
Literal ques	tion	Telephone number							

## File Number\_of\_persons\_engaged\_part31

L							
<sup>#13</sup> pobox:	: P.O.Box n	umber					
Information		[Type= discrete] [Format=numeric] [Range= 1-903	19] [Missing	=*]			
Statistics [N	w/ w]	[Valid=1612 /-] [Invalid=515 /-]					
Literal quest	tion	P.O.Box number					
#14 <b>p31c1</b> :	General o	ccupation					
Information		[Type= discrete] [Format=numeric] [Range= 1-7] [N	/lissing=*]				
Statistics [N	w/ w]	[Valid=2127 /-] [Invalid=0 /-]					
Definition		This variable is part of section 3.1 (Number of Pers	sons Engage	ed) of the questi	onnaire		
Literal quest	tion	General occupation					
Value	Label	1	Cases		Percentage		
1	Working p	roprietors, active parteners and family workers	348		16.4%		
2	Un-paid a	pperentices	39	1.8%			
3	Administra	ative, technical employees, clerical and office wor	663			31.2%	
4	Production	n workers	683			32.1%	
5	Paid appe	rentices	55	2.6%			
6	Seasonal	and temporary workers	339		15.9%		
7	Total		0	0.0%			
-	-	e number of cases found in the data file. They cannot be interpre			-		
<sup>#15</sup> <b>p31c3</b> :	Number of	f male Ethiopian employees for the mo	nth Septe	ember (Mesł	(erem)		
Information		[Type= continuous] [Format=numeric] [Range= 1-2	462] [Missir	ng=*]			
Statistics [N	W/ W]		Valid=1659 /-] [Invalid=468 /-] [Mean=32.43 /-] [StdDev=117.318 /-]				
Definition		This variable is part of section 3.1 (Number of Pers	1 (Number of Persons Engaged) of the questionnaire				
Universe		All employees					
Literal quest	tion	Number of male Ethiopian employees for the mont	h Septembe	er (Meskerem)			
#16 <b>p31c4</b> :	Number of	f female Ethiopian employees for the m	onth Sep	otember (Me	skerem)		
Information		[Type= continuous] [Format=numeric] [Range= 1-2346] [Missing=*]					
Statistics [N	w/ w]	[Valid=1068 /-] [Invalid=1059 /-] [Mean=25.194 /-] [StdDev=114.755 /-]					
Definition				f. / 55 /-j			
		This variable is part of section 3.1 (Number of Pers		-	onnaire		
Universe		This variable is part of section 3.1 (Number of Pers All employees		-	onnaire		
	tion		sons Engage	ed) of the questi	onnaire		
Universe Literal quest		All employees	ons Engage nth Septem	ed) of the questi ber (Meskerem)			
Universe Literal quest		All employees Number of female Ethiopian employees for the mo	ons Engage nth Septem	ed) of the questi ber (Meskerem) (Meskerem)			
Universe Literal quest <sup>#17</sup> p31c5:	Number of	All employees Number of female Ethiopian employees for the mo f foreigner employees for the month Se	ons Engage nth Septem ptember ] [Missing=*	ed) of the questi ber (Meskerem) (Meskerem)			
Universe Literal quest #17 p31c5: Information	Number of	All employees Number of female Ethiopian employees for the mo f foreigner employees for the month Se [Type= continuous] [Format=numeric] [Range= 1-5	ons Engage nth Septem <b>ptember</b> ] [Missing=* Dev=0.97 /-]	ed) of the questi ber (Meskerem) ( <b>Meskerem</b> )	)		
Universe Literal quest #17 p31c5: Information Statistics [N	Number of	All employees Number of female Ethiopian employees for the mo f foreigner employees for the month Se [Type= continuous] [Format=numeric] [Range= 1-5 [Valid=26 /-] [Invalid=2101 /-] [Mean=1.692 /-] [Std	ons Engage nth Septem <b>ptember</b> ] [Missing=* Dev=0.97 /-]	ed) of the questi ber (Meskerem) ( <b>Meskerem</b> )	)		
Universe Literal quest #17 <b>p31c5:</b> Information Statistics [N Definition	Number of w/w]	All employees Number of female Ethiopian employees for the mo <b>f foreigner employees for the month Se</b> [Type= continuous] [Format=numeric] [Range= 1-5 [Valid=26 /-] [Invalid=2101 /-] [Mean=1.692 /-] [Stdl This variable is part of section 3.1 (Number of Pers	ons Engage nth Septem ptember ] [Missing=* Dev=0.97 /-] sons Engage	ed) of the questi ber (Meskerem) ( <b>Meskerem</b> ) ] ] ed) of the questi	)		
Universe Literal quest #17 p31c5: Information Statistics [N Definition Universe Literal quest	Number of w/w] tion	All employees Number of female Ethiopian employees for the mo foreigner employees for the month Se [Type= continuous] [Format=numeric] [Range= 1-5 [Valid=26 /-] [Invalid=2101 /-] [Mean=1.692 /-] [Stdl This variable is part of section 3.1 (Number of Pers All employees	ons Engage nth Septem ptember ] [Missing=* ] [Missing=* [Missing=*] [Missing=* [Missing=*] [Missing=*] [Missing=* [Missing=* [Missing=*] [Missing=* [Missing=*] [Missing=* [Missing=*] [Missing=* [Missing=* [Missing=*] [Missing=* [Missing=* [Missing=*] [Missing=* [Missing=*] [Missing=* [Missing=*] [Missing=* [Missing=* [Missing=*] [Missing=* [Missing=*] [Missing=* [Missing=*] [Missing=* [Missing=* [Missing=*] [Missing=* [Missing=* [Missing=*] [Missing=* [Missing=* [Missing=*] [Missing=* [Missing=* [Missing=* [Mi	ed) of the questi ber (Meskerem) (Meskerem) ] ] ed) of the questi skerem)	onnaire		
Universe Literal quest #17 p31c5: Information Statistics [N Definition Universe Literal quest	Number of w/w] tion	All employees Number of female Ethiopian employees for the mo <b>f foreigner employees for the month Se</b> [Type= continuous] [Format=numeric] [Range= 1-5 [Valid=26 /-] [Invalid=2101 /-] [Mean=1.692 /-] [Stdl This variable is part of section 3.1 (Number of Pers All employees Number of foreigner employees for the month Sep	nth Septem eptember ] [Missing=* ] eons Engage tember (Means nth Dece	ed) of the questi ber (Meskerem) (Meskerem) ] ed) of the questi skerem) mber (Tahis	onnaire		
Universe Literal quest #17 p31c5: Information Statistics [N Definition Universe Literal quest #18 p31c6:	Number of w/w] tion Number of	All employees Number of female Ethiopian employees for the mo f foreigner employees for the month Se [Type= continuous] [Format=numeric] [Range= 1-5 [Valid=26 /-] [Invalid=2101 /-] [Mean=1.692 /-] [Stdl This variable is part of section 3.1 (Number of Pers All employees Number of foreigner employees for the month Sep f male Ethiopian employees for the mo	nth Septem ptember [ [Missing=* ] [Missing=* Dev=0.97 /-] sons Engage tember (Mean tember (Me	ed) of the questi ber (Meskerem) (Meskerem) ed) of the questi skerem) mber (Tahis	onnaire		

#### 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) [Type= continuous] [Format=numeric] [Range= 1-5] [Missing=\*] Information 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 Number of male Ethiopian employees for the month March (Megabit) Literal question #22 p31c10: Number of female Ethiopian employees for the month March (Megabit) [Type= continuous] [Format=numeric] [Range= 1-2311] [Missing=\*] Information 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					
<sup>#25</sup> p31c13: Numbe	<sup>#25</sup> 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)					
<sup>#26</sup> p31c14: Numbe	er 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: Person	is 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					
<sup>#28</sup> p31c16: Wage f	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					

<sup>#1</sup> eid: En	<sup>#1</sup> eid: Enterprise id					
Information [Type= discrete] [Format=numeric] [Range= 15110002-36102837] [Missing=*]						
Statistics [N	tatistics [NW/ W] [Valid=1440 /-] [Invalid=0 /-]					
Literal question Enterprise id						
<b>Recoding and Derivation</b> This variable is derived by combining two variables, i.e. ISIC and establishment. The ere each questionnaire.			nd establishment. The enterprise id is unique for			
#2 region	: Region co	de				
Information	1	[Type= discrete] [Format=numeric] [Range= 1-15] [Missing=*]				
Statistics [N	ww/ w]	[Valid=1440 /-] [Invalid=0 /-]				
Literal ques	stion	Region code				
Value	Label		Cases	Percentage		
1	TIGRAY		57	4.0%		
2	AFAR		4	0.3%		
3	AMHARA	AMHARA		6.0%		
4	OROMIA		187	13.0%		
5	SOMALIE		2	0.1%		
		- 52 -				

	Region co		-				
Value	Label		Cases	Percentage			
6	BENSHA		0	0.0%			
7	S.N.N.P.R		110	7.6%			
12 13	GAMBEL	4	2 15	0.1%			
13	ADDIS AE	ARA	938	65.1%			
14	DIRE DAV		38	2.6%			
		e number of cases found in the data file. They cannot be interprete					
<sup>‡3</sup> zone: Z	one code						
nformation		[Type= discrete] [Format=numeric] [Range= 1-71] [N	/lissing=*]				
Statistics [N	IW/ W]	[Valid=1438 /-] [Invalid=2 /-]					
iteral ques	tion	Zone code					
<sup>#4</sup> wereda	: Wereda c	ode					
nformation		[Type= discrete] [Format=numeric] [Range= 1-87] [N	/lissing=*]				
Statistics [N	IW/ W]	[Valid=956 /-] [Invalid=484 /-]					
_iteral ques	tion	Wereda code					
<sup>♯5</sup> town: ٦	own code	1					
nformation		[Type= discrete] [Format=numeric] [Range= 1-106]	[Missing=*]				
Statistics [N	IW/ W]	[Valid=1440 /-] [Invalid=0 /-]					
Literal ques	tion	Town code					
		Frequency table not shown (10	5 Modalitie	es)			
<sup>#6</sup> kefetgr	na: Kefetegi	na number					
nformation		[Type= discrete] [Format=numeric] [Range= 1-65] [N	/lissing=*]				
Statistics [N	IW/ W]	[Valid=1241 /-] [Invalid=199 /-]					
_iteral ques	tion	Kefetegna number					
<sup>#7</sup> kebele:	Kebele nu	mber					
nformation		[Type= discrete] [Format=numeric] [Range= 1-88] [N	/lissing=*]				
Statistics [N	IW/ W]	[Valid=1363 /-] [Invalid=77 /-]					
Literal ques	tion	Kebele number					
<sup>#8</sup> houser	no: House n	umber					
nformation		[Type= discrete] [Format=numeric] [Range= 0-4858]	[[Missing=	*]			
Statistics [N		[Valid=1018 /-] [Invalid=422 /-]					
- Literal ques	-	House number					
		eference year					
nformation		[Type= discrete] [Format=numeric] [Range= 1990-1	990] [Missii	ng=*]			
Statistics [N	IW/ W]	[Valid=1440 /-] [Invalid=0 /-]					
- Literal ques	-	Survey reference year					
Value	Label	· ·	Cases	Percentage			
Talue	1990 (199	-//000	1440	100.0 <sup>4</sup>			

#### #9 srefyear: Survey reference year

2892

Manufacture of cuttlery hand tools....

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: li	nternational	standard industrial classification (ISIC	)	
Information	l	[Type= discrete] [Format=numeric] [Range= 1511-3	610] [Missii	ng=*]
Statistics [N	w/w]	[Valid=1440 /-] [Invalid=0 /-]		
Literal ques	stion	International standard industrial classification (ISIC)	)	
Value	Label		Cases	Percentage
1511	Production	n, processing and preserving of meat, fruit and veg	14	1.0%
1514	manufactu	ire of edible oil	60	4.2%
1520	Manufactu	ire of dairy products	2	0.1%
1531	Manufactu	ure of flour	73	5.1%
1533	Manufactu	ire of animal feed	8	0.6%
1541	manufactu	ire of bakery	155	10.8%
1542	Manufactu	ire of sugar and confecionary	14	1.0%
1544	manufactu	ire of pasta and macaroni	7	0.5%
1549	Manufactu	ire of food NEC	21	1.5%
1551	Distiling re	ectifying and blending of spirit	14	1.0%
1552	Manufactu	ure of wine	2	0.1%
1553	Malt ligore	es and malt	10	0.7%
1554	Manufactu	ure of soft drinks	14	1.0%
1600	Manufactu	ire of tobacco	2	0.1%
1710	spining , w	veaving and finishing	42	2.9%
1723	Manufactu	are of cordage rope and twine	4	0.3%
1730	Kniting mi	lls	16	1.1%
1810	manufactu	ire of wearing apparal except fur	52	3.6%
1910	Tanning a	nd dressing of leather	22	1.5%
1920	manufactu	ire of footwear	86	6.0%
2000	Manufactu	ire wood and wood products	33	2.3%
2100	Manufactu	ire of paper and paper products	15	1.0%
2200	Publishing	and printing services	91	6.3%
2411	Manufactu	ire of basic chemicals except fertilzers	8	0.6%
2422	Manufactu	ure of paints varnishes	14	1.0%
2423	Manufactu	ire of phrmaceuticals, medicinial	6	0.4%
2424		ire of soap detregents, perfumes.	42	2.9%
2429	Manufactu	ire of chemical productsNEC	10	0.7%
2510	Manufactu	ire of rubber	10	0.7%
2520	Manufactu	ire of plastics	42	2.9%
2610	Manufactu	ire of glass and glass products	5	0.3%
2693		ire of structural clay products	10	0.7%
2694	Manufactu	are of cement ,lime and plaster	18	1.2%
2695	Manufactu	ire of articles of concrete, cement	102	7.1%
2699		ure of non-metalic NEC	14	1.0%
2710	Manufactu	ire of basic iron and steel	12	0.8%
2811		ire of structural metal products	56	3.9%

0.1%

2

#### #10 isic: International standard industrial classification (ISIC)

#10 isic: Inte	ernational	standard industrial classification (ISIC	;)			
Value	Label		Cases	Percentage		
2893	Manufactu	ire of other fabricated metal products	14	1.0%		
2899		ire of pumps,compressors, valves and taps	13	0.9%		
2914	Manufactu	ire of ovens	8	0.6%		
2919			3	0.2%		
2925	Manufactu	ire of other general purpose machnery	19	1.3%		
2929		61 W.	2	0.1%		
3140		ire of battries	4	0.3%		
3420 3430		are of bodies for mothor vechiles	16 5	1.1% 0.3%		
3610		ire of parts and accessaries	248	17.2%		
		e number of cases found in the data file. They cannot be interpre				
<sup>#11</sup> estabno	: Establis	hment number				
nformation		[Type= discrete] [Format=numeric] [Range= 1-999	9] [Missing='	*]		
Statistics [NW	/ <b>W]</b>	[Valid=1440 /-] [Invalid=0 /-]				
Literal questic	n	Establishment number				
<sup>#12</sup> phonen	o: Telepho	one number				
nformation		[Type= discrete] [Format=numeric] [Range= 1-812516] [Missing=*]				
Statistics [NW/ W]		[Valid=1355 /-] [Invalid=85 /-]				
_iteral questic	on	Telephone number				
<sup>±13</sup> pobox: l	P.O.Box n	umber				
nformation		[Type= discrete] [Format=numeric] [Range= 1-90319] [Missing=*]				
Statistics [NW	/ <b>W]</b>	[Valid=1106 /-] [Invalid=334 /-]				
Literal questic	n	P.O.Box number				
<sup>±14</sup> p32c1: 0	General o	ccupation				
nformation		[Type= discrete] [Format=numeric] [Range= 1-4] [N	/lissing=*]			
Statistics [NW	/ <b>W]</b>	[Valid=1440 /-] [Invalid=0 /-]				
Definition		This variable is part of section 3.2 (Wages and Sal	aries and Ot	her Employee Benefits Paid) of the questionnaire		
iteral questic	n	General occupation				
Value	Label		Cases	Percentage		
1	Paid appre		54	3.8%		
2		ative, technical employees, clerical and office wor	663	46.0%		
3	Production	n workers	723	50.2%		
4 Varning: these fig	Total	e number of cases found in the data file. They cannot be interpre	0 ted as summar	0.0%		
		nale Ethiopian	.cu us summdi	, encoded of the population of interest.		
nformation		[Type= continuous] [Format=numeric] [Range= 160	)-124595221	[Missing=*]		
Statistics [NW	/ <b>W]</b>	[Valid=1369 /-] [Invalid=71 /-] [Mean=224593.508 /-	-			
Definition	•	This variable is part of section 3.2 (Wages and Sala				
Jniverse		Permanent employees				
		· · ·				

#15 p32c3: Wage for n	nale Ethiopian
Literal question	Wage for male Ethiopian
#16 p32c4: Wage for f	emale 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 f	oreigners
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	on, 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
<sup>#20</sup> p32c8: Actual cos employees free of ch	st of the establishmnet on food, lodging, medical and other benefits provided to arge
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
<sup>#21</sup> p32c9: Establishn schemes	nents contribution on behalf of employees to pension, life and causality insurance
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

# #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
<sup>#22</sup> 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
<sup>#23</sup> p32c11: No of I	nours per day
nformation	[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
<sup>#24</sup> p32c12: Month	S
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
<sup>#25</sup> 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

<sup>#1</sup> 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 cod	de			
Information	[Type= discrete] [Format=numeric] [Range= 1-15] [Missing=*]			
Statistics [NW/ W]	[Valid=1308 /-] [Invalid=0 /-]			
Literal question	Region code			

	Region co					
Value	Label		Cases	Percentage		
1	TIGRAY		51	3.9%		
2	AFAR		4	0.3%		
3	AMHARA		77	5.9%		
4 5	OROMIA		156	11.9%		
6	SOMALIE		0	0.0%		
7	BENSHANGUL S.N.N.P.R.		82	6.3%		
12	S.N.N.P.R. GAMBELA		2	0.2%		
13	HARARI		- 12	0.9%		
14	ADDIS AE	BABA	893	68.39		
15	DIRE DAV	VA	30	2.3%		
Narning: these	figures indicate the	e number of cases found in the data file. They canno	t be interpreted as summar	y statistics of the population of interest.		
<sup>#3</sup> zone: Z	one code					
nformation		[Type= discrete] [Format=numeric] [Rang	ge= 1-71] [Missing=*]			
Statistics [N	IW/ W]	[Valid=1306 /-] [Invalid=2 /-]				
Literal ques	tion	Zone code				
<sup>#4</sup> wereda	: Wereda co	ode				
Information		[Type= discrete] [Format=numeric] [Rang	ge= 1-87] [Missing=*]			
Statistics [N	IW/ W]	[Valid=910 /-] [Invalid=398 /-]				
Literal ques	tion	Wereda code				
<sup>#5</sup> town: T	own code					
Information		[Type= discrete] [Format=numeric] [Rang	ge= 1-106] [Missing=*]			
Statistics [N	IW/ W]	[Valid=1308 /-] [Invalid=0 /-]				
Literal ques	tion	Town code				
			shown (105 Modalitie	s)		
<sup>#6</sup> kefetgr	a: Kefetegr	na number				
nformation		[Type= discrete] [Format=numeric] [Rang	ge= 1-65] [Missing=*]			
Statistics [N	IW/ W]	[Valid=1130 /-] [Invalid=178 /-]				
Literal ques	tion	Kefetegna number				
<sup>#7</sup> kebele:	Kebele nu	mber				
nformation		[Type= discrete] [Format=numeric] [Rang	ge= 1-88] [Missing=*]			
Statistics [N	IW/ W]	[Valid=1237 /-] [Invalid=71 /-]				
Literal ques	tion	Kebele number				
<sup>#8</sup> houser	io: House n	umber				
Information		[Type= discrete] [Format=humenc] [Rang	je= 0-4858j [iviissing=	^]		
Information Statistics [N		[Valid=918 /-] [Invalid=390 /-]	je= 0-4858j [Missing=	^]		

#9 srefyea	ir: Survey r	eference year					
Information		[Type= discrete] [Format=numeric] [Range= 1990-1	990] [Missi	ing=*]			
Statistics [N	IW/ W]	Valid=1308 /-] [Invalid=0 /-]					
Literal question S		Survey reference year	Survey reference year				
Value	Label		Cases Percentage				
1990	1990 (199	)7/1998)	1308	100.0			
Warning: these	figures indicate th	e number of cases found in the data file. They cannot be interpret	ed as summai	ry statistics of the population of interest.			
<sup>#10</sup> isic: Ir	nternational	standard industrial classification (ISIC	)				
Information [		[Type= discrete] [Format=numeric] [Range= 1511-3	610] [Missi	ng=*]			
Statistics [NW/ W]		[Valid=1308 /-] [Invalid=0 /-]					
Literal ques	tion	International standard industrial classification (ISIC)	)				
Value	Label	1	Cases	Percentage			
1511	Production	n, processing and preserving of meat, fruit and veg	14	1.1%			
1514		ure of edible oil	54	4.1%			
1520	Manufactu	ure of dairy products	2	0.2%			
1531		ure of flour	70	5.4%			
1533	Manufactu	ure of animal feed	8	0.6%			
1541	manufactu	ure of bakery	141	10.8%			
1542	Manufactu	ure of sugar and confecionary	16	1.2%			
1544	manufactu	ure of pasta and macaroni	8	0.6%			
1549	Manufacture of food NEC		22	1.7%			
1551	Distiling re	ectifying and blending of spirit	13	1.0%			
1552	Manufactu	ure of wine	2	0.2%			
1553	Malt ligore	es and malt	10	0.8%			
1554	Manufactu	ure of soft drinks	14	1.1%			
1600	Manufactu	ure of tobacco	2	0.2%			
1710	spining , v	veaving and finishing	41	3.1%			
1723	Manufactu	ure of cordage rope and twine	4	0.3%			
1730	Kniting mi	lls	18	1.4%			
1810	manufactu	ure of wearing apparal except fur	48	3.7%			
1910	Tanning a	nd dressing of leather	22	1.7%			
1920	manufactu	ure of footwear	88	6.7%			
2000	Manufactu	ure wood and wood products	28	2.1%			
2100	Manufactu	ure of paper and paper products	14	1.1%			
2200	Publishing	g and printing services	89	6.8%			
2411	Manufactu	ure of basic chemicals except fertilzers	8	0.6%			
2422	Manufactu	ure of paints varnishes	14	1.1%			
2423	Manufactu	ure of phrmaceuticals, medicinial	6	0.5%			
2424	Manufactu	ure of soap detregents, perfumes	43	3.3%			
2429	Manufactu	ure of chemical productsNEC	10	0.8%			
2510	Manufactu	ure of rubber	10	0.8%			
2520	Manufactu	ure of plastics	42	3.2%			
2610	Manufactu	ure of glass and glass products	4	0.3%			
2693	Manufactu	ure of structural clay products	6	0.5%			

	Label		Cases	Percentage			
2694	Manufactu	ire of cement ,lime and plaster	16	1.2%			
2695	Manufactu	ire of articles of concrete, cement	91	7.0%			
2699	Manufactu	ire of non-metalic NEC	13	1.0%			
2710	Manufactu	ire of basic iron and steel	12	0.9%			
2811	Manufactu	ire of structural metal products	39	3.0%			
2892		ire of cuttlery hand tools	2	0.2%			
2893		ire 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	Manufact	an of hothers	2	0.2%			
3140 3420		ire of battries	4 16	0.3%			
3430		ire of parts and accessaries	4	0.3%			
3610		•	186	0.076	14.2%		
	Manufacture of furniture ese figures indicate the number of cases found in the data file. They cannot be inte			y statistics of the population of interest.	14.270		
<sup>11</sup> estabn	o: Establis	hment number					
Information [Type= discrete] [Format=numeric] [Range= 1-9		[Type= discrete] [Format=numeric] [Range= 1-99	999] [Missing='	7			
Statistics [N	w/ w]	[Valid=1308 /-] [Invalid=0 /-]					
iteral quest	tion	Establishment number					
<sup>‡12</sup> phonei	no: Teleph	one number					
nformation		[Type= discrete] [Format=numeric] [Range= 8-8*	12516] [Missing	g=*]			
		[Valid=1236 /-] [Invalid=72 /-]					
	w/ w]	[Valid=1236 /-] [Invalid=72 /-]					
Statistics [N	-	[Valid=1236 /-] [Invalid=72 /-] Telephone number					
Statistics [N	-	Telephone number					
Statistics [N .iteral quest <sup>±13</sup> pobox:	tion	Telephone number	0319] [Missing=	=*]			
Statistics [N Literal quest <sup>#13</sup> pobox: nformation	ion : P.O.Box n	Telephone number umber	)319] [Missing-	=*]			
Statistics [NI _iteral quest <sup>#13</sup> pobox: nformation Statistics [NI	tion : P.O.Box n w/w]	Telephone number umber [Type= discrete] [Format=numeric] [Range= 1-90	)319] [Missing-	=*]			
Statistics [NI _iteral quest <sup>#13</sup> <b>pobox</b> : nformation Statistics [NI _iteral quest	tion : P.O.Box n w/w] tion	Telephone number umber [Type= discrete] [Format=numeric] [Range= 1-90 [Valid=1022 /-] [Invalid=286 /-]	)319] [Missing=	=*]			
Statistics [N Literal quest <sup>#13</sup> pobox: nformation Statistics [N Literal quest #14 p33c1:	tion : P.O.Box n w/w] tion	Telephone number umber [Type= discrete] [Format=numeric] [Range= 1-90 [Valid=1022 /-] [Invalid=286 /-]		=1]			
Statistics [N Literal quest 413 pobox: Information Statistics [N Literal quest 414 p33c1: Information	tion : P.O.Box n W/ W] tion Sex	Telephone number umber [Type= discrete] [Format=numeric] [Range= 1-90 [Valid=1022 /-] [Invalid=286 /-] P.O.Box number		=*]			
Statistics [N Literal quest 413 pobox: nformation Statistics [N Literal quest 414 p33c1: nformation Statistics [N	tion : P.O.Box n W/ W] tion Sex	Telephone number <b>umber</b> [Type= discrete] [Format=numeric] [Range= 1-90 [Valid=1022 /-] [Invalid=286 /-] P.O.Box number [Type= discrete] [Format=numeric] [Range= 1-3]	[Missing=*]		uestionnair		
Statistics [NI Literal quest #13 pobox: Information Statistics [NI Literal quest #14 p33c1: Information Statistics [NI Definition	tion : P.O.Box n W/ W] tion Sex W/ W]	Telephone number Umber Umber [Type= discrete] [Format=numeric] [Range= 1-90 [Valid=1022 /-] [Invalid=286 /-] P.O.Box number [Type= discrete] [Format=numeric] [Range= 1-3] [Valid=1308 /-] [Invalid=0 /-]	[Missing=*]		uestionnair		
Statistics [NI Literal quest #13 pobox: Information Statistics [NI Literal quest #14 p33c1: Information Statistics [NI Definition Literal quest	tion : P.O.Box n W/ W] tion Sex W/ W]	Telephone number  Umber  [Type= discrete] [Format=numeric] [Range= 1-90 [Valid=1022 /-] [Invalid=286 /-] P.O.Box number  [Type= discrete] [Format=numeric] [Range= 1-3] [Valid=1308 /-] [Invalid=0 /-] This variable is partof section 3.3 (Number of Pere	[Missing=*]		uestionnair		
Statistics [NI Literal quest #13 pobox: Information Statistics [NI Literal quest #14 p33c1: Information Statistics [NI Definition	tion : P.O.Box n W/ W] tion Sex W/ W]	Telephone number  Umber  [Type= discrete] [Format=numeric] [Range= 1-90 [Valid=1022 /-] [Invalid=286 /-] P.O.Box number  [Type= discrete] [Format=numeric] [Range= 1-3] [Valid=1308 /-] [Invalid=0 /-] This variable is partof section 3.3 (Number of Pere	[Missing=*]	oyees by Basic Salary Group) of the qu	uestionnair		
Statistics [N Literal quest #13 pobox: Information Statistics [N Literal quest #14 p33c1: Information Statistics [N Definition Literal quest Value	tion  P.O.Box n  W/ W]  tion  Sex  W/ W]  tion Label	Telephone number  Umber  [Type= discrete] [Format=numeric] [Range= 1-90 [Valid=1022 /-] [Invalid=286 /-] P.O.Box number  [Type= discrete] [Format=numeric] [Range= 1-3] [Valid=1308 /-] [Invalid=0 /-] This variable is partof section 3.3 (Number of Pere	[Missing=*] rmanent Empl	oyees by Basic Salary Group) of the queer of the second se			

#### #10 isic: International standard industrial classification (ISIC)

#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 partof 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 partof 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 partof 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 partof 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 <b>p33c7: Number</b>	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 partof 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 partof 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 /-]

<sup>#21</sup> p33c9: Number o	f permanent employees with salary group between 300 and 400
Definition	This variable is partof 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 partof 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 partof 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 partof 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
<sup>#25</sup> 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 partof 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
<sup>#26</sup> 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 partof 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 partof section 3.3 (Number of Permanent Employees by Basic Salary Group) of the questionnaire
Universe	Permanent employees

			<u> </u>				
#27 p33c15:	Number of	of permanent employees with sal	ary group ove	r 2000			
Literal question	on	Number of permanent employees with sala	ry group over 2000				
<sup>#28</sup> p33c16:	Total num	nber of permanent employees					
Information		[Type= continuous] [Format=numeric] [Ran	ge= 1-2995] [Missi	ng=*]			
Statistics [NW	// <b>W]</b>	[Valid=1308 /-] [Invalid=0 /-] [Mean=62.144	1308 /-] [Invalid=0 /-] [Mean=62.144 /-] [StdDev=197.425 /-]				
Definition		This variable is partof section 3.3 (Number	of Permanent Emp	loyees by Basic Salary Group) of the questionnaire			
Universe		Permanent employees					
Literal question	on	Total number of permanent employees					
File Pro	ducts_	and_by_products_part4	1				
#1 eid: Ente	erprise id						
Information		[Type= discrete] [Format=numeric] [Range	numeric] [Range= 15110002-36102837] [Missing=*]				
Statistics [NW	// W]	[Valid=3055 /-] [Invalid=0 /-]					
Literal question	on	Enterprise id					
Recoding and Derivation		This variable is derived by combining two v each questionnaire.	ariables, i.e. ISIC a	and establishment. The enterprise id is unique for			
#2 region: F	Region coo	le					
Information		[Type= discrete] [Format=numeric] [Range	= 1-15] [Missing=*]				
Statistics [NW	// <b>W]</b>	[Valid=3055 /-] [Invalid=0 /-]					
Literal question	on	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	BENSHAN	IGUL	0	0.0%			
7	S.N.N.P.R		393	12.9%			
12	GAMBELA	A	2	0.1%			
13	HARARI		31	1.0%			
14	ADDIS AB		1913	62.6%			
15 Warning: these fig	DIRE DAV	VA e number of cases found in the data file. They cannot b	99 e interpreted as summa	3.2%			
#3 zone: Zo				, changed of the population of interest.			
Information		[Type= discrete] [Format=numeric] [Range=	= 1-71] [Missing=*]				
Statistics [NW	// W]	[Valid=3048 /-] [Invalid=7 /-]					
Literal question	on	Zone code					
#4 wereda:	Wereda co	ode					
Information		[Type= discrete] [Format=numeric] [Range	= 1-87] [Missing=*]				
Statistics [NW	// W]	[Valid=1948 /-] [Invalid=1107 /-]					
Literal question	on	Wereda code					

#5 town: To	own code					
Information		[Type= discrete] [Format=numeric] [Range= 1-106]	[Missing=*]			
Statistics [N	v/ w1	[Valid=3055 /-] [Invalid=0 /-]				
Literal questi		Town code				
		Frequency table not shown (10	)5 Modalitie	22		
#6 kefetgna	a: Kofotoa			<i></i>		
	I. Iteretegi	[Type= discrete] [Format=numeric] [Range= 1-65] [f	Aissina-*1			
			viissiirig- j			
Statistics [NV		[Valid=2655 /-] [Invalid=400 /-]				
Literal quest		Kefetegna number				
#7 kebele:	Kebele nu	1				
Information		[Type= discrete] [Format=numeric] [Range= 1-88] [I	Vissing=*]			
Statistics [NV	v/ w]	[Valid=2902 /-] [Invalid=153 /-]				
Literal questi	on	Kebele number				
<sup>#8</sup> housen	o: House n	umber				
Information		[Type= discrete] [Format=numeric] [Range= 0-4858	] [Missing=	*]		
Statistics [NV	v/ w]	[Valid=2064 /-] [Invalid=991 /-]				
Literal questi	on	House number				
#9 srefyear	: Survey r	eference year				
Information		[Type= discrete] [Format=numeric] [Range= 1990-1	990] [Missi	ng=*]		
Statistics [NV	v/ w]	[Valid=3055 /-] [Invalid=0 /-]				
Literal questi	on	Survey reference year				
Value	Label	I	Cases	Percentage		
1990	1990 (199	7/1998)	3055	100.0		
Warning: these fi	gures indicate th	e number of cases found in the data file. They cannot be interpret	ed as summar	y statistics of the population of interest.		
#10 isic: Int	ernationa	standard industrial classification (ISIC)	)			
Information		[Type= discrete] [Format=numeric] [Range= 1511-3	610] [Missii	ng=*]		
Statistics [NV	v/ w]	[Valid=3055 /-] [Invalid=0 /-]				
Literal questi	on	International standard industrial classification (ISIC)	)			
Value	Label	1	Cases	Percentage		
		n, processing and preserving of meat, fruit and veg	34	1.1%		
1511		ire of edible oil	84	2.7%		
1511 1514	manufacto		F	0.2%		
		ire of dairy products	5			
1514	Manufactu	re of dairy products rre of flour	5 109	3.6%		
1514 1520	Manufacti Manufacti	••		1		
1514 1520 1531 1533 1541	Manufactu Manufactu Manufactu	ure of flour	109	3.6% 0.4% 6.6%		
1514 1520 1531 1533 1541 1542	Manufactu Manufactu Manufactu manufactu Manufactu	ure of flour ure of animal feed ure of bakery ure of sugar and confecionary	109 13 203 17	3.6% 0.4% 6.6% 0.6%		
1514 1520 1531 1533 1541 1542 1544	Manufactu Manufactu Manufactu manufactu Manufactu manufactu	ure of flour ure of animal feed ure of bakery ure of sugar and confecionary ure of pasta and macaroni	109 13 203 17 11	3.6% 0.4% 6.6% 0.6% 0.4%		
1514 1520 1531 1533 1541 1542 1544 1549	Manufactu Manufactu Manufactu manufactu Manufactu Manufactu	ure of flour ure of animal feed ure of bakery ure of sugar and confecionary ure of pasta and macaroni ure of food NEC	109 13 203 17 11 23	3.6%         0.4%         6.6%         0.6%         0.4%         0.8%		
1514 1520 1531 1533 1541 1542 1544	Manufactu Manufactu Manufactu manufactu Manufactu Manufactu Distiling re	ure of flour ure of animal feed ure of bakery ure of sugar and confecionary ure of pasta and macaroni	109 13 203 17 11	3.6% 0.4% 6.6% 0.6% 0.4%		

#### File Products\_and\_by\_products\_part41

#### #10 isic: International standard industrial classification (ISIC)

Value	Label		Cases	Percentage	
1554	Manufact	ure of soft drinks	22	0.7%	
1600	Manufact	ure of tobacco	3	0.1%	
1710	spining ,	weaving and finishing	105	3.4%	
1723	Manufact	ure of cordage rope and twine	18	0.6%	
1730	Kniting m	ills	27	0.9%	
1810	manufact	ure of wearing apparal except fur	146	4.8%	
1910	Tanning a	and dressing of leather	48	1.6%	
1920	manufact	ure of footwear	110	3.6%	
2000	Manufact	ure wood and wood products	58	1.9%	
2100	Manufact	ure of paper and paper products	33	1.1%	
2200	Publishin	g and printing services	170	5.6%	
2411	Manufact	ure of basic chemicals except fertilzers	18	0.6%	
2422	Manufact	ure of paints varnishes	22	0.7%	
2423	Manufact	ure of phrmaceuticals, medicinial	24	0.8%	
2424	Manufact	ure of soap detregents, perfumes	69	2.3%	
2429	Manufact	ure of chemical productsNEC	7	0.2%	
2510	Manufact	ure of rubber	22	0.7%	
2520	Manufact	ure of plastics	102	3.3%	
2610	Manufact	ure of glass and glass products	16	0.5%	
2693	Manufact	ure of structural clay products	5	0.2%	
2694	Manufact	ure of cement ,lime and plaster	15	0.5%	
2695	Manufact	ure of articles of concrete, cement	249	8.2%	
2699	Manufact	ure of non-metalic NEC	42	1.4%	
2710	Manufact	ure of basic iron and steel	26	0.9%	
2811	Manufact	ure of structural metal products	116	3.8%	
2892	Manufact	ure of cuttlery hand tools	1	0.0%	
2893		ure of other fabricated metal products	34	1.1%	
2899	Manufact	ure of pumps,compressors, valves and taps	23	0.8%	
2914	Manufact	ure of ovens	17	0.6%	
2919			3	0.1%	
2925	Manufact	ure of other general purpose machnery	44	1.4%	
2929			3	0.1%	
3140	Manufact	ure of battries	10	0.3%	
3420	manufact	ure of bodies for mothor vechiles	42	1.4%	
3430	manufact	ure of parts and accessaries	5	0.2%	
3610		ure of furniture	842		27.6%
Varning: these	figures indicate th	e number of cases found in the data file. They cannot be inter	preted as summar	y statistics of the population of interest.	
<sup>11</sup> estabr	no: Establis	shment number			
nformation		[Type= discrete] [Format=numeric] [Range= 1-99	999] [Missing=	*]	
Statistics [N	IW/ W1	[Valid=3055 /-] [Invalid=0 /-]			
iteral ques.	-	Establishment number			

#### File Products\_and\_by\_products\_part41

<sup>#12</sup> phone	no: Teleph	one number					
Information	ation [Type= discrete] [Format=numeric] [Range= 1-812516] [Missing=*]						
Statistics [NW/ W]		[Valid=2868 /-] [Invalid=187 /-]					
Literal question		Telephone number					
<sup>#13</sup> pobox	: P.O.Box n	umber					
Information		[Type= discrete] [Format=numeric	pe= discrete] [Format=numeric] [Range= 1-90319] [Missing=*]				
Statistics [NW/ W]		[Valid=2342 /-] [Invalid=713 /-]					
Literal question		P.O.Box number					
<sup>#14</sup> <b>p41c1</b> :	Serial nur	nber for list of principal pro	oducts				
Information		[Type= discrete] [Format=numeric	] [Range= 1-10] [Missing=*]				
Statistics [N	w/ w]	[Valid=3055 /-] [Invalid=0 /-]					
Definition		This variable is part of section 4.1 (Products and By-products) of the questionnaire					
Literal quest	tion	Serial number for list of principal products					
Value	Label		Cases	Percentage	e		
1	1		718		23.5%		
2	2		580		19.0%		
3	3		436	14.3	3%		
4	4		341	11.2%	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 Warning: these i	10 these figures indicate the number of cases found in the data file. They ca		0 ev cannot be interpreted as summai	0.0% ry statistics of the population of interes	st.		
#15 <b>p41c4</b> :	Product c	ode	·	· · · ·			
Information			I [Range= 1-9999] [Missing=	.*]			
Statistics [N	w/ w]	[Valid=3055 /-] [Invalid=0 /-]	[Type= discrete] [Format=numeric] [Range= 1-9999] [Missing=*]				
Definition		This variable is part of section 4.1 (Products and By-products) of the questionnaire					
Literal question		Product code					
•			ble not shown (118 Modalitie	es)			
<sup>#16</sup> p41c5:	Unit meas	surement 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 quest	tion	Unit measurement code					
		Frequency ta	able not shown (60 Modalities	s)			
<sup>#17</sup> p41c6:	Average s	ales per unit					
Information			rial [Danga - 0.06.427227.0	4] [Niccing=*]			

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

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#17 p41c6: Average s	ales per unit		
Literal question	Average sales per unit		
#18 p41c7: Quantity p	broduced		
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 p	roduction		
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	s 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 sale	es 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_s	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.		
L	1		

## File Value\_of\_stocks\_part5

#2 region	Region co	de					
Information		[Type= discrete] [Format=numeric] [Range= 1-15] [Missing=*]					
Statistics [NW/ W]		[Valid=1196 /-] [Invalid=0 /-]					
Literal ques	stion	Region code					
Value	Label		Cases	Percentage			
1	TIGRAY		49	4.1%			
2	AFAR		4	0.3%			
3	3 AMHARA		46	3.8%			
4 OROMIA			155	13.0%			
5	SOMALIE		0	0.0%			
6 BENSHA		NGUL	0	0.0%			
7 S.N.N.P.R		λ.	133	11.1%			
12	GAMBEL	A	1	0.1%			
13	HARARI		9	0.8%			
14	ADDIS A		762		63.7%		
15 Warning: these	DIRE DA	NA e number of cases found in the data file. They	cannot be interpreted as summar	3.1% statistics of the population of interest.			
	Zone code	<b>,</b>		,			
Information		[Type= discrete] [Format=numeric] [	Range= 1-71] [Missing=*]				
Statistics [N		[/ype= discrete] [romat=humencj [range= 1-7 i] [wissing= ] [Valid=1196 /-] [Invalid=0 /-]					
Literal ques	-	Zone code					
-	a: Wereda c						
Information	1	[Type= discrete] [Format=numeric] [	[Range= 1-69] [Missing=*]				
Statistics [NW/ W]		[Valid=778 /-] [Invalid=418 /-]					
Literal question		Wereda code					
#5 town: T	Fown code						
Information		[Type= discrete] [Format=numeric] [Range= 1-106] [Missing=*]					
Statistics [NW/ W]		[Valid=1196 /-] [Invalid=0 /-]					
Literal question		Town code					
		Frequency tabl	e not shown (105 Modalitie	s)			
#6 kefetgi	na: Kefeteg	na number					
Information		[Type= discrete] [Format=numeric] [Range= 1-65] [Missing=*]					
Statistics [NW/ W]		[Valid=1033 /-] [Invalid=163 /-]					
Literal ques		Kefetegna number					
<sup>#7</sup> kebele	: Kebele nu	mber					
Information	1	[Type= discrete] [Format=numeric] [	[Range= 1-88] [Missing=*]				
Statistics [NW/ W]		[Valid=1114 /-] [Invalid=82 /-]					
Literal ques		Kebele number					
<sup>#8</sup> house	no: House n	number					
		1					
Information	1	[Type= discrete] [Format=numeric] [	[Range= 0-4820] [Missing=	*]			

<sup>#8</sup> housend	o: House n	umber				
Literal questi	on	House number				
<sup>#9</sup> srefyear	: Survey r	eference year				
Information [Type= discrete] [Format=numeric] [Range= 1990-1990] [Missing=*]						
Statistics [NV	v/ w]	[Valid=1196 /-] [Invalid=0 /-]				
Literal questi	on	Survey reference year				
Value	le Label Cases Percentage					
1990	1990 (199	7/1998)	1196	100.0		
		e number of cases found in the data file. They cannot be interprete				
#10 isic: Int	ernational	standard industrial classification (ISIC)				
Information		[Type= discrete] [Format=numeric] [Range= 1511-3	610] [Missir	ng=*]		
Statistics [NV	v/ w]	[Valid=1196 /-] [Invalid=0 /-]				
- Literal questi	on	International standard industrial classification (ISIC)	1			
Value	Label	· · ·	Cases	Percentage		
1511		n, processing and preserving of meat, fruit and veg	16	1.3%		
1514		ire of edible oil	42	3.5%		
1520		are of dairy products	0	0.0%		
1531	Manufactu		56	4.7%		
1533		ire of animal feed	7	0.6%		
1541		ire of bakery	69	5.8%		
1542		ire of sugar and confecionary	7	0.6%		
1544		ure of pasta and macaroni	8	0.7%		
1549		ire of food NEC	17	1.4%		
1551	Distiling re	ectifying and blending of spirit	16	1.3%		
1552		ure of wine	3	0.3%		
1553	Malt ligore	es and malt	15	1.3%		
1554	Manufactu	ure of soft drinks	14	1.2%		
1600	Manufactu	ire of tobacco	3	0.3%		
1710	spining , v	veaving and finishing	51	4.3%		
1723	Manufactu	ire of cordage rope and twine	6	0.5%		
1730	Kniting mi	lls	10	0.8%		
1810	manufactu	ire of wearing apparal except fur	53	4.4%		
1910	Tanning a	nd dressing of leather	28	2.3%		
1920	manufacture of footwear		84	7.0%		
2000	Manufacture wood and wood products		26	2.2%		
2100	Manufactu	ire of paper and paper products	15	1.3%		
2200	Publishing	and printing services	61	5.1%		
2411	Manufactu	ire of basic chemicals except fertilzers	11	0.9%		
2422	Manufactu	ire of paints varnishes	15	1.3%		
2423		ire of phrmaceuticals, medicinial	9	0.8%		
2424		ire of soap detregents, perfumes	33	2.8%		
2429	Manufact	ire of chemical productsNEC	8	0.7%		

11

0.9%

2510

Manufacture of rubber

## File Value\_of\_stocks\_part5

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 accessaries	1	0.1%
3610	Manufacture of furniture	215	18.0%
<sup>11</sup> estabn	To: Establishment number [Type= discrete] [Format=numeric] [Rang		ry statistics of the population of interest. *]
<sup>11</sup> estabn nformation Statistics [N	Ino: Establishment number         [Type= discrete] [Format=numeric] [Rang         IW/ W]       [Valid=1196 /-] [Invalid=0 /-]		
<sup>11</sup> estabri nformation Statistics [N .iteral quest	Ino: Establishment number         [Type= discrete] [Format=numeric] [Rang         IW/ W]       [Valid=1196 /-] [Invalid=0 /-]		
<sup>11</sup> estabn nformation Statistics [N .iteral quest <sup>12</sup> phone	Ino: Establishment number         [Type= discrete] [Format=numeric] [Rang         IW/ W]       [Valid=1196 /-] [Invalid=0 /-]         tion       Establishment number         Ino: Telephone number	e= 1-9999] [Missing=	*]
<sup>411</sup> estabn nformation Statistics [N .iteral quest <sup>412</sup> phone nformation	Ino: Establishment number         [Type= discrete] [Format=numeric] [Rang         IW/ W]       [Valid=1196 /-] [Invalid=0 /-]         tion       Establishment number         Ino: Telephone number       [Type= discrete] [Format=numeric] [Rang	e= 1-9999] [Missing=	*]
11 estabn nformation Statistics [N iteral quest 12 phone nformation Statistics [N	Ino: Establishment number         [Type= discrete] [Format=numeric] [Rang         [W/ W]       [Valid=1196 /-] [Invalid=0 /-]         tion       Establishment number         Ino: Telephone number       [Type= discrete] [Format=numeric] [Rang         [W/ W]       [Valid=1130 /-] [Invalid=66 /-]	e= 1-9999] [Missing=	*]
<sup>11</sup> estabn nformation itatistics [N iteral quest <sup>12</sup> phone nformation itatistics [N iteral quest	Ino: Establishment number         [Type= discrete] [Format=numeric] [Rang         [W/ W]       [Valid=1196 /-] [Invalid=0 /-]         tion       Establishment number         Ino: Telephone number       [Type= discrete] [Format=numeric] [Rang         [W/ W]       [Valid=1130 /-] [Invalid=66 /-]	e= 1-9999] [Missing=	*]
<sup>11</sup> estabn nformation Statistics [N iteral quest <sup>12</sup> phone nformation Statistics [N iteral quest <sup>13</sup> pobox	Ino: Establishment number         [Type= discrete] [Format=numeric] [Rang         IW/ W]       [Valid=1196 /-] [Invalid=0 /-]         tion       Establishment number         Ino: Telephone number       [Type= discrete] [Format=numeric] [Rang         IW/ W]       [Valid=1130 /-] [Invalid=66 /-]         IW/ W]       [Valid=1130 /-] [Invalid=66 /-]         tion       Telephone number         : P.O.Box number       Image: Point format = 0 / -1	e= 1-9999] [Missing= e= 1-812516] [Missin	*] g=*]
<sup>411</sup> estabn nformation Statistics [N Literal quest <sup>412</sup> phone nformation Statistics [N Literal quest <sup>413</sup> pobox	Ino: Establishment number         [Type= discrete] [Format=numeric] [Rang         [W/ W]       [Valid=1196 /-] [Invalid=0 /-]         tion       Establishment number         Ino: Telephone number       [Type= discrete] [Format=numeric] [Rang         [W/ W]       [Valid=1130 /-] [Invalid=66 /-]         tion       Telephone number         : P.O.Box number       [Type= discrete] [Format=numeric] [Rang         [Type= discrete] [Format=numeric] [Rang	e= 1-9999] [Missing= e= 1-812516] [Missin	*] g=*]
<sup>411</sup> estabn nformation Statistics [N Literal quest <sup>412</sup> phone nformation Statistics [N Literal quest <sup>413</sup> pobox nformation Statistics [N	Ino: Establishment number         [Type= discrete] [Format=numeric] [Rang         IW/ W]       [Valid=1196 /-] [Invalid=0 /-]         tion       Establishment number         Ino: Telephone number         [Type= discrete] [Format=numeric] [Rang         IW/ W]       [Valid=1130 /-] [Invalid=66 /-]         tion       Telephone number         ISPO.Box number         [Type= discrete] [Format=numeric] [Rang         IW/ W]       [Valid=972 /-] [Invalid=224 /-]	e= 1-9999] [Missing= e= 1-812516] [Missin	*] g=*]
11 estabri information Statistics [N iteral quest 12 phone information Statistics [N iteral quest 13 pobox information Statistics [N iteral quest	Ino: Establishment number         [Type= discrete] [Format=numeric] [Rang         IW/ W]       [Valid=1196 /-] [Invalid=0 /-]         tion       Establishment number         Ino: Telephone number         [Type= discrete] [Format=numeric] [Rang         IW/ W]       [Valid=1130 /-] [Invalid=66 /-]         tion       Telephone number         ISPO.Box number         [Type= discrete] [Format=numeric] [Rang         IW/ W]       [Valid=972 /-] [Invalid=224 /-]	e= 1-9999] [Missing= e= 1-812516] [Missin	*] g=*]
11 estabri information itatistics [N iteral quesi 12 phone information itatistics [N iteral quesi 13 pobox information itatistics [N iteral quesi itatistics [N iteral quesi itatistics [N iteral quesi	no: Establishment number [Type= discrete] [Format=numeric] [Rang [W/ W] [Valid=1196 /-] [Invalid=0 /-] tion Establishment number mo: Telephone number [Type= discrete] [Format=numeric] [Rang [W/ W] [Valid=1130 /-] [Invalid=66 /-] tion Telephone number : P.O.Box number [Type= discrete] [Format=numeric] [Rang [W/ W] [Valid=972 /-] [Invalid=224 /-] tion P.O.Box number Type of stock	e= 1-9999] [Missing= e= 1-812516] [Missin e= 1-90319] [Missing	*] g=*]
11 estabri nformation itatistics [N iteral quest 12 phone information itatistics [N iteral quest 13 pobox information itatistics [N iteral quest 14 p5c1: information	Ino: Establishment number         [Type= discrete] [Format=numeric] [Rang         IW/ W]       [Valid=1196 /-] [Invalid=0 /-]         tion         Establishment number         IW/ W]         [Type= discrete] [Format=numeric] [Rang         IW/ W]         [Valid=1130 /-] [Invalid=66 /-]         tion         Type= discrete] [Format=numeric] [Rang         IW/ W]       [Valid=972 /-] [Invalid=224 /-]         tion         P.O.Box number         Type of stock         Type of stock         [Type= discrete] [Format=numeric] [Rang	e= 1-9999] [Missing= e= 1-812516] [Missin e= 1-90319] [Missing	*] g=*]
11 estabri nformation Statistics [N iteral quest 12 phone nformation Statistics [N iteral quest 13 pobox nformation Statistics [N iteral quest 14 p5c1: nformation Statistics [N	Ino: Establishment number         [Type= discrete] [Format=numeric] [Rang         IW/ W]       [Valid=1196 /-] [Invalid=0 /-]         tion         Establishment number         IW/ W]         [Type= discrete] [Format=numeric] [Rang         IW/ W]         [Valid=1130 /-] [Invalid=66 /-]         tion         Type= discrete] [Format=numeric] [Rang         IW/ W]       [Valid=972 /-] [Invalid=224 /-]         tion         P.O.Box number         Type of stock         Type of stock         [Type= discrete] [Format=numeric] [Rang	e= 1-9999] [Missing= e= 1-812516] [Missin e= 1-90319] [Missing e= 1-4] [Missing=*]	*] g=*] =*]
11 estabri nformation Statistics [N iteral quest 12 phone nformation Statistics [N iteral quest 13 pobox nformation Statistics [N iteral quest 14 p5c1: nformation Statistics [N Definition	Ino: Establishment number         [Type= discrete] [Format=numeric] [Rang         IW/ W]       [Valid=1196 /-] [Invalid=0 /-]         tion         Establishment number         INO: Telephone number         IV/ W]         [Type= discrete] [Format=numeric] [Rang         IW/ W]       [Valid=1130 /-] [Invalid=66 /-]         tion         Telephone number         IV/ W]         [Type= discrete] [Format=numeric] [Rang         IW/ W]       [Valid=972 /-] [Invalid=224 /-]         tion         P.O.Box number         Type of stock         [Type= discrete] [Format=numeric] [Rang         IW/ W]       [Valid=1196 /-] [Invalid=0 /-]         IW/ W]         [Valid=1196 /-] [Invalid=0 /-]         Type of stock         [Type= discrete] [Format=numeric] [Rang         IW/ W]       [Valid=1196 /-] [Invalid=0 /-]         INV W]	e= 1-9999] [Missing= e= 1-812516] [Missin e= 1-90319] [Missing e= 1-4] [Missing=*]	*] g=*] =*]
11 estabri information Statistics [N iteral quest 12 phone if 2 phone if 2 phone iteral quest 13 pobox iteral quest 13 pobox iteral quest 14 p5c1: information Statistics [N iteral quest 14 p5c1: nformation Statistics [N iteral quest	Ino: Establishment number         [Type= discrete] [Format=numeric] [Rang         IW/ W]       [Valid=1196 /-] [Invalid=0 /-]         tion         Establishment number         INO: Telephone number         IV/ W]         [Type= discrete] [Format=numeric] [Rang         IW/ W]       [Valid=1130 /-] [Invalid=66 /-]         tion         Telephone number         IV/ W]         [Type= discrete] [Format=numeric] [Rang         IW/ W]       [Valid=972 /-] [Invalid=224 /-]         tion         P.O.Box number         Type of stock         [Type= discrete] [Format=numeric] [Rang         IW/ W]       [Valid=1196 /-] [Invalid=0 /-]         IW/ W]         [Valid=1196 /-] [Invalid=0 /-]         Type of stock         [Type= discrete] [Format=numeric] [Rang         IW/ W]       [Valid=1196 /-] [Invalid=0 /-]         INV W]	e= 1-9999] [Missing= e= 1-812516] [Missin e= 1-90319] [Missing e= 1-4] [Missing=*]	*] g=*] =*]
411 estabri nformation Statistics [N Literal quest 412 phone nformation Statistics [N Literal quest 413 pobox nformation Statistics [N Literal quest 414 p5c1: 1 nformation Statistics [N Definition Literal quest Value	no: Establishment number [Type= discrete] [Format=numeric] [Rang [W/ W] [Valid=1196 /-] [Invalid=0 /-] tion Establishment number no: Telephone number [Type= discrete] [Format=numeric] [Rang [W/ W] [Valid=1130 /-] [Invalid=66 /-] tion Telephone number : P.O.Box number [Type= discrete] [Format=numeric] [Rang [W/ W] [Valid=972 /-] [Invalid=224 /-] tion P.O.Box number Type of stock [Type= discrete] [Format=numeric] [Rang [W/ W] [Valid=1196 /-] [Invalid=0 /-] This variable is part of section 5 (Type of tion Type of stock	e= 1-9999] [Missing= e= 1-812516] [Missin e= 1-90319] [Missing e= 1-4] [Missing=*] Stocks) of the questio	*] g=*] =*]
411 estabri information Statistics [N Literal quest 412 phone information Statistics [N Literal quest 413 pobox information Statistics [N Literal quest	no: Establishment number [Type= discrete] [Format=numeric] [Rang W/ W] [Valid=1196 /-] [Invalid=0 /-] tion Establishment number mo: Telephone number [Type= discrete] [Format=numeric] [Rang W/ W] [Valid=1130 /-] [Invalid=66 /-] tion Telephone number : P.O.Box number [Type= discrete] [Format=numeric] [Rang W/ W] [Valid=972 /-] [Invalid=224 /-] tion P.O.Box number Type of stock [Type= discrete] [Format=numeric] [Rang W/ W] [Valid=972 /-] [Invalid=224 /-] tion P.O.Box number Type of stock [Type= discrete] [Format=numeric] [Rang W/ W] [Valid=1196 /-] [Invalid=0 /-] This variable is part of section 5 (Type of tion Type of stock	e= 1-9999] [Missing= e= 1-812516] [Missin e= 1-90319] [Missing e= 1-4] [Missing=*] Stocks) of the question Cases	*] g=*] =*] onnaire Percentage

## File Value\_of\_stocks\_part5

<sup>#14</sup> p5c1: Type of stock							
Value	Label		Cases	Percentage			
4	Goods bo	ught for resale	0	0.0%			
Warning: these fig	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.						
<sup>#15</sup> <b>p5c3: S</b>	tocks at th	ne begining of the year					
Information		[Type= continuous] [Format=numeric] [Range= 37-9	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 question	onnaire			
Literal question	on	Stocks value at the begining of the year					
#16 <b>p5c4: S</b>	tocks at th	ne end of the year					
Information		[Type= continuous] [Format=numeric] [Range= 37-1	10971263]	[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 question	onnaire			
Literal question	on	Stocks value at the end of the year					
<sup>#17</sup> p5c5: S	tocks diffe	erenece (end - begining)					
Information		[Type= continuous] [Format=numeric] [Range= -40739261-98000902] [Missing=*]					
Statistics [NW	// W]	[Valid=1154 /-] [Invalid=42 /-] [Mean=178259.518 /-]	[StdDev=3	738081.92 /-]			
Definition	Definition This variable is part of section 5 (Type of Stocks) of the questionnaire						
Literal question	on	Stocks value differenece (end - begining)					
	4						

## File Cost\_and\_quantity\_of\_raw\_materials\_part61

<sup>#1</sup> eid: Er	nterprise id				
Information	า	[Type= discrete] [Format=numeric] [Ra	ange= 15110002-361028	37] [Missing=*]	
Statistics [NW/ W] [Valid=4106 /-] [Invalid=0 /-]					
Literal que	stion	Enterprise id			
<b>Recoding and Derivation</b> This variable is derived by combining two variables, i.e. ISIC and establishment. The enterprise id is use ach questionnaire.				id is unique for	
#2 region	: Region co	de			
Information	า	[Type= discrete] [Format=numeric] [Range= 1-15] [Missing=*]			
Statistics [NW/ W] [Valid=4106 /-] [Invalid=0 /-]					
Literal que	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	S.N.N.P.R.		9.6%	
12	GAMBELA	GAMBELA		0.1%	
13	HARARI		49	1.2%	
14	ADDIS AB	ABA	2686		65.4%

# File Cost\_and\_quantity\_of\_raw\_materials\_part61

		quantity_01_1aw_mat				
#2 region: R	egion coo	de				
Value	Label		Cases	Percentage		
15	DIRE DAV		112 2.7			
		e number of cases found in the data file. They can	ot be interpreted as summary statisti	cs of the population of interest.		
#3 zone: Zon	ne code					
Information		[Type= discrete] [Format=numeric] [Rar	nge= 1-71] [Missing=*]			
Statistics [NW/	'W]	[Valid=4100 /-] [Invalid=6 /-]				
Literal question	n	Zone code				
#4 wereda: V	Vereda co	ode				
Information		[Type= discrete] [Format=numeric] [Ran	nge= 1-87] [Missing=*]			
Statistics [NW/	' <b>W</b> ]	[Valid=2743 /-] [Invalid=1363 /-]				
Literal question	n	Wereda code				
#5 town: Tov	vn code					
Information		[Type= discrete] [Format=numeric] [Rar	nge= 1-106] [Missing=*]			
Statistics [NW/	' W]	[Valid=4106 /-] [Invalid=0 /-]				
Literal question	n	Town code				
		Frequency table no	ot shown (105 Modalities)			
#6 kefetgna:	Kefetegr	na number				
Information		[Type= discrete] [Format=numeric] [Rar	nge= 1-65] [Missing=*]			
Statistics [NW/	' W]	[Valid=3594 /-] [Invalid=512 /-]				
Literal question	n	Kefetegna number				
#7 kebele: K	ebele nur	nber				
Information		[Type= discrete] [Format=numeric] [Rar	nge= 1-88] [Missing=*]			
Statistics [NW/	' W]	[Valid=3913 /-] [Invalid=193 /-]				
Literal question	n	Kebele number				
<sup>#8</sup> houseno:	House n	umber				
Information		[Type= discrete] [Format=numeric] [Range= 0-4858] [Missing=*]				
Statistics [NW/	' W]	[Valid=2858 /-] [Invalid=1248 /-]				
Literal question	n	House number				
<sup>#9</sup> srefyear:	Survey re	eference year				
Information		[Type= discrete] [Format=numeric] [Range= 1990-1990] [Missing=*]				
Statistics [NW/	' W]	[Valid=4106 /-] [Invalid=0 /-]				
Literal question	n	Survey reference year				
Value	Label		Cases	Percentage		
1990	1990 (199	7/1998)	4106		100.0%	
Warning: these figu		number of cases found in the data file. They can	ot be interpreted as summary statisti	cs of the population of interest.		
#10 isic: Inte	rnational	standard industrial classificat	ion (ISIC)			
Information		[Type= discrete] [Format=numeric] [Rar	nge= 1511-3610] [Missing=*]			
Statistics [NW/	' W]	[Valid=4106 /-] [Invalid=0 /-]				

# File Cost\_and\_quantity\_of\_raw\_materials\_part61

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

# File Cost\_and\_quantity\_of\_raw\_materials\_part61

#10 ISIC: Inte	rnational	standard industrial classification (I	SIC)				
Value	Label		Cases	Percentage			
2925	Manufactu	ire of other general purpose machnery	70	1.7%			
2929			4	0.1%			
3140	Manufactu	ire of battries	13	0.3%			
3420	manufactu	ire of bodies for mothor vechiles	36	0.9%			
3430	manufacture of parts and accessaries		12	0.3%			
3610 Warning: these figu		ire of furniture e number of cases found in the data file. They cannot be int	901 erpreted as summar	y statistics of the population of interest.			
		hment number	•	· · ·			
nformation [Type= discrete] [Format=numeric] [Ra			9999] [Missing=`	*]			
Statistics [NW/	/ W]	[Valid=4106 /-] [Invalid=0 /-]					
Literal questio	n	Establishment number					
<sup>#12</sup> phonenc	o: Telepho	one number					
Information		[Type= discrete] [Format=numeric] [Range= 1-	812516] [Missing	9=*]			
Statistics [NW	/ W]	[Valid=3853 /-] [Invalid=253 /-]					
Literal questio	n	Telephone number					
<sup>#13</sup> pobox: F	P.O.Box n	umber					
Information		[Type= discrete] [Format=numeric] [Range= 1-90319] [Missing=*]					
Statistics [NW/	/ <b>W</b> ]	[Valid=3170 /-] [Invalid=936 /-]					
Literal questio	n	P.O.Box number	ox number				
<sup>#14</sup> p61c1: S	erial num	nber for list of principal raw materia	ls				
Information		[Type= discrete] [Format=numeric] [Range= 1-	10] [Missing=*]				
Statistics [NW	/ <b>W</b> ]	[Valid=4106 /-] [Invalid=0 /-]					
Definition		This variable is part of section 6.1 (Cost and Q	uanity of Raw M	aterials) of the questionnaire			
Literal questio	n	Serial number for list of principal raw materials	i				
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		496	12.1%			
10 10 Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as sum							
#15 <b>p61c4:</b> F	aw mate	rial 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 Quanity of Raw Materials) of the questionnaire					

File Cost and	quantity of	raw_materials_	part61
	_ ' /		

#15 p61c4: Raw mater	<sup>#15</sup> p61c4: Raw material code					
Literal question	Raw material code					
Frequency table not shown (102 Modalities)						
#16 p61c5: Unit of me	#16 p61c5: Unit of measuremnet code for raw material					
Information	[Type= discrete] [Format=numeric] [Range= 2-90] [Missing=*]					
Statistics [NW/ W]	[Valid=1745 /-] [Invalid=2361 /-]					
Definition	This variable is part of section 6.1 (Cost and Quanity of Raw Materials) of the questionnaire					
Literal question	Unit of measuremnet code for raw material					
	Frequency table not shown (59 Modalities)					
<sup>#17</sup> p61c6: Local raw	materials quantity					
Information	[Type= continuous] [Format=numeric] [Range= 1-9823148] [Missing=*]					
Statistics [NW/ W]	[Valid=1953 /-] [Invalid=2153 /-] [Mean=80237.549 /-] [StdDev=517520.212 /-]					
Definition	This variable is part of section 6.1 (Cost and Quanity of Raw Materials) of the questionnaire					
Literal question	Local raw materials quantity					
#18 p61c7: Local raw	materials value					
Information	[Type= continuous] [Format=numeric] [Range= 2-49317361] [Missing=*]					
Statistics [NW/ W]	[Valid=2540 /-] [Invalid=1566 /-] [Mean=640084.657 /-] [StdDev=3053722.494 /-]					
Definition	This variable is part of section 6.1 (Cost and Quanity of Raw Materials) of the questionnaire					
Literal question	Local raw materials value					
#19 p61c8: Imported r	aw materials quantity					
Information	[Type= continuous] [Format=numeric] [Range= 1-4800000] [Missing=*]					
Statistics [NW/ W]	[Valid=1397 /-] [Invalid=2709 /-] [Mean=64233.676 /-] [StdDev=359513.172 /-]					
Definition	This variable is part of section 6.1 (Cost and Quanity of Raw Materials) of the questionnaire					
Literal question	Imported raw materials quantity					
#20 p61c9: Imported r	raw materials value					
Information	[Type= continuous] [Format=numeric] [Range= 15-79859604] [Missing=*]					
Statistics [NW/ W]	[Valid=1869 /-] [Invalid=2237 /-] [Mean=667929.208 /-] [StdDev=3361307.436 /-]					
Definition	This variable is part of section 6.1 (Cost and Quanity of Raw Materials) of the questionnaire					
Literal question	Imported raw materials value					
#21 p61c10: Value of 1	total raw materials					
Information	[Type= continuous] [Format=numeric] [Range= 1-9823148] [Missing=*]					
Statistics [NW/ W]	[Valid=3259 /-] [Invalid=847 /-] [Mean=75621.849 /-] [StdDev=466068.194 /-]					
Definition	This variable is part of section 6.1 (Cost and Quanity of Raw Materials) of the questionnaire					
Literal question	Value of total raw materials					
#22 p61c11: Value of t	otal raw materials					
Information	[Type= continuous] [Format=numeric] [Range= 2-79859604] [Missing=*]					
Statistics [NW/ W]	[Valid=4088 /-] [Invalid=18 /-] [Mean=703076.007 /-] [StdDev=3385044.386 /-]					
Definition	This variable is part of section 6.1 (Cost and Quanity of Raw Materials) of the questionnaire					
Literal question	Value of total raw materials					

		ustiliai_costs_parto	2			
#1 eid: Ent	erprise id					
Information		[Type= discrete] [Format=numeric]	[Range= 15110002-361028	336] [Missing=*]		
Statistics [N	w/ w]	[Valid=740 /-] [Invalid=0 /-]				
Literal quest	ion	Enterprise id				
Recoding an	d Derivation	This variable is derived by combini each questionnaire.	ng two variables, i.e. ISIC a	nd establishment. The enterprise id is unique for		
#2 region:	Region coo	de				
Information		[Type= discrete] [Format=numeric]	[Range= 1-15] [Missing=*]			
Statistics [N	w/ w]	[Valid=740 /-] [Invalid=0 /-]				
Literal quest	ion	Region code				
Value	Label	1	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	BENSHAN	IGUL	0	0.0%		
7	S.N.N.P.R		121	16.4%		
12	GAMBELA	A	1	0.1%		
13	HARARI		8	1.1%		
14	ADDIS AB	ABA	344	46.5%		
15	DIRE DAV	VA	30	4.1%		
	-	e number of cases found in the data file. They	y cannot be interpreted as summai	ry statistics of the population of interest.		
#3 <b>zone: Z</b> o	one code	1				
Information		[Type= discrete] [Format=numeric] [Range= 1-71] [Missing=*]				
Statistics [N	w/ w]	[Valid=737 /-] [Invalid=3 /-]				
Literal quest	ion	Zone code				
<sup>#4</sup> wereda:	Wereda co	ode				
Information		[Type= discrete] [Format=numeric] [Range= 1-69] [Missing=*]				
Statistics [N	w/ w]	[Valid=359 /-] [Invalid=381 /-]				
Literal quest	ion	Wereda code				
<sup>#5</sup> town: To	own code					
Information		[Type= discrete] [Format=numeric] [Range= 1-106] [Missing=*]				
Statistics [NW/ W]		[Valid=740 /-] [Invalid=0 /-]				
Literal question         Town code						
		Frequency tab	ole not shown (105 Modalitie			
#6 kefetgn	a: Kefetegr	na number				
Information		[Type= discrete] [Format=numeric]	[Range= 1-65] [Missing=*]			
Statistics [N	w/ w]	[Valid=585 /-] [Invalid=155 /-]				
Literal quest	ion	Kefetegna number				
		1				

<sup>#7</sup> kebele: Kebe	ele nun	nber				
Information		[Type= discrete] [Format=numeric] [Range= 1-88] [N	/lissing=*]			
Statistics [NW/ W]		[Valid=660 /-] [Invalid=80 /-]				
Literal question		Kebele number				
<sup>#8</sup> houseno: House number						
Information [Type= discrete] [Format=numeric] [Range= 1-4858] [Missing=*]						
Statistics [NW/ W]		[Valid=439 /-] [Invalid=301 /-]				
Literal guestion House number						
#9 srefyear: Sur	wev re					
Information	veyie	[Type= discrete] [Format=numeric] [Range= 1990-19		na-*1		
				iig- ]		
Statistics [NW/ W]		[Valid=740 /-] [Invalid=0 /-]				
Literal question		Survey reference year				
Value La	bel		Cases	Percentage		
	90 (1997	,	740		00.0%	
		number of cases found in the data file. They cannot be interprete		y statistics of the population of interest.		
	tional	standard industrial classification (ISIC)				
Information		[Type= discrete] [Format=numeric] [Range= 1511-36	610] [Missir	ng=*]		
Statistics [NW/ W]		[Valid=740 /-] [Invalid=0 /-]				
Literal question		International standard industrial classification (ISIC)				
Value La	bel		Cases	Percentage		
1511 Pro	oduction	, processing and preserving of meat, fruit and veg	17	2.3%		
1514 ma	anufactu	re of edible oil	40	5.4%		
1520 Ma	anufactu	re of dairy products	1	0.1%		
1531 Ma	anufactu	re of flour	37	5.0%		
1533 Ma	anufactu	re of animal feed	1	0.1%		
1541 ma	anufactu	re of bakery	39	5.3%		
1542 Ma	anufactu	re of sugar and confecionary	9	1.2%		
1544 ma	anufactu	re of pasta and macaroni	4	0.5%		
1549 Ma	anufactu	re of food NEC	8	1.1%		
1551 Dis	stiling re	ctifying and blending of spirit	3	0.4%		
1552 Ma	anufactu	re of wine	0	0.0%		
1553 Ma	alt liqores	s and malt	17	2.3%		
1554 Ma	anufactu	re of soft drinks	11	1.5%		
	anufactu	re of tobacco	2	0.3%		
1710 spi	spining , weaving and finishing		40	5.4%		
1723 Ma	Manufacture of cordage rope and twine		3	0.4%		
	Kniting mills		8	1.1%		
		re of wearing apparal except fur	17	2.3%		
	nning an	d dressing of leather	14	1.9%		
	anufactu	re of footwear	22	3.0%		
		re wood and wood products	33	4.5%		
2100 Ma	Manufacture of paper and paper products		2	0.3%		

#10 isic: Int	ternational	standard industrial classification (IS	iC)				
Value	Label		Cases	Percentage			
2200	Publishing	and printing services	43	5.8%			
2411	Manufactu	are of basic chemicals except fertilzers	8	1.1%			
2422	Manufactu	ure of paints varnishes	2	0.3%			
2423	Manufactu	ure of phrmaceuticals, medicinial	2	0.3%			
2424	Manufacture of soap detregents, perfumes		7	0.9%			
2429	Manufactu	ure of chemical productsNEC	4	0.5%			
2510	Manufactu	ure of rubber	8	1.1%			
2520	Manufactu	ure of plastics	12	1.6%			
2610	Manufactu	ure of glass and glass products	3	0.4%			
2693	Manufactu	ure of structural clay products	9	1.2%			
2694	Manufactu	ure of cement ,lime and plaster	11	1.5%			
2695	Manufactu	ure of articles of concrete, cement	63	8.5%			
2699		ure of non-metalic NEC	17	2.3%			
2710		ure of basic iron and steel	6	0.8%			
2811		ure of structural metal products	14	1.9%			
2892		ure of cuttlery hand tools	0	0.0%			
2893		ure of other fabricated metal products	11	1.5%			
2899		ure of pumps,compressors, valves and taps	12	1.6%			
2914		ure of ovens	3	0.4%			
2925	Manufactu	ure of other general purpose machnery	12	1.6%			
2929		61 U.S.	1	0.1%			
3140		ure of battries	0	0.0%			
3420		ure of bodies for mothor vechiles	5	0.7%			
3430		ure of parts and accessaries	2	0.3%			
3610 Warning: these fi		ıre of furniture e number of cases found in the data file. They cannot be inter	157 preted as summar	y statistics of the population of interest.			
-	-	hment number		· · · ·			
Information		[Type= discrete] [Format=numeric] [Range= 1-2	836] [Missing=	*]			
Statistics [NV	w/ w]	/alid=740 /-] [Invalid=0 /-]					
Literal questi	on	Establishment number					
#12 phoner	no: Telepho	one number					
Information		[Type= discrete] [Format=numeric] [Range= 1-8	12200] [Missin	g=*]			
Statistics [NV	w/ w]	[Valid=686 /-] [Invalid=54 /-]					
Literal questi	ion	Telephone number					
#13 pobox:	P.O.Box n	umber					
Information		[Type= discrete] [Format=numeric] [Range= 1-9	0319] [Missing	=*]			
Statistics [NW/ W] [Valid=551 /-] [Invalid=189 /		[Valid=551 /-] [Invalid=189 /-]					
Literal questi	ion	P.O.Box number					
<sup>#14</sup> <b>p62c1</b> :	Serial nun	nber for list of other industrial costs					
Information		[Type= discrete] [Format=numeric] [Range= 1-7]	[Missing=*]				
Statistics [NV	w/ w]	[Valid=740 /-] [Invalid=0 /-]	Valid=740 /-] [Invalid=0 /-]				

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

•			<u> </u>		
Definition		This variable is part of section 6.2 (Other Industrial	Costs) of th	e questionnaire	
Literal ques	eral 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	figuros indicato th	e number of cases found in the data file. They cannot be interpret	d ac cummar	v statistics of the nonulation of interest	

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

pozor					
Information [Type= discrete] [Format=numeric] [Range= 2-82] [N		2-82] [Missing=*]			
Statistics [N	NW/ W]	[Valid=282 /-] [Invalid=458 /-]			
Definition		This variable is part of section 6.2 (Other Inde	ustrial Costs) of th	e questionnaire	
Literal ques	stion	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

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

# File Type\_and\_value\_of\_fixed\_assets\_part71

71							
#1 eid: Ent	erprise id						
Statistics [NV	w/ w]	[Valid=2416 /-] [Invalid=0 /-]					
Literal question		Enterprise id					
Recoding and Derivation		This variable is derived by combining two var each questionnaire.	iables, i.e. ISIC ar	nd establishment. The enterprise id is unique for			
#2 region:	Region cod	de					
Information		[Type= discrete] [Format=numeric] [Range= 1	I-15] [Missing=*]				
Statistics [NV	w/ w]	[Valid=2416 /-] [Invalid=0 /-]					
Literal questi	ion	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	BENSHAN	IGUL	0	0.0%			
7	S.N.N.P.R		213	8.8%			
12	GAMBELA	A	5	0.2%			
13	HARARI		27	1.1%			
14	ADDIS AB	SABA	1522	63.0%			
15 Warning: those fi	DIRE DAV	VA e number of cases found in the data file. They cannot be in	65	2.7%			
#3 zone: Zo	-	e number of cases found in the data me. They cannot be n		y statistics of the population of interest.			
Information		[Type= discrete] [Format=numeric] [Range= 1	I-71] [Missing=*]				
Statistics [NV	w/ w]	[Valid=2413 /-] [Invalid=3 /-]					
Literal questi	ion	Zone code					
#4 wereda:	Wereda co	ode					
Information		[Type= discrete] [Format=numeric] [Range= 1	I-87] [Missing=*]				
Statistics [NV	w/ w]	[Valid=1557 /-] [Invalid=859 /-]					
Literal quest	ion	Wereda code					
#5 town: To	own code	-					
Information		[Type= discrete] [Format=numeric] [Range= 1	I-106] [Missing=*]				
Statistics [NV	w/ w]	[Valid=2416 /-] [Invalid=0 /-]					
Literal quest	ion	Town code					
		Frequency table not sho	wn (105 Modalitie	s)			
#6 kefetgna	a: Kefetegr	na number					
Information		[Type= discrete] [Format=numeric] [Range= 1	I-65] [Missing=*]				
Statistics [NV	w/ w]	[Valid=2049 /-] [Invalid=367 /-]					
Literal questi	ion	Kefetegna number					
<sup>#7</sup> kebele:	Kebele nu	mber					
Information		[Type= discrete] [Format=numeric] [Range= 1	I-88] [Missing=*]				
		1					

#7 kebele:	Kebele nu	mber		
Statistics [N	IW/ W]	[Valid=2251 /-] [Invalid=165 /-]		
Literal question		Kebele number		
#8 houser	no: House r	number		
Information		[Type= discrete] [Format=numeric] [Range= 0-4858]	[Missina=	*1
Statistics [N		[Valid=1593 /-] [Invalid=823 /-]	11	
Literal ques		House number		
-		reference year		
Information	-	-		na=*1
		[Type= discrete] [Format=numeric] [Range= 1990-1	990] [IVIISSI	ng= ]
Statistics [N	-	[Valid=2416 /-] [Invalid=0 /-]		
Literal ques	tion	Survey reference year		
Value	Label		Cases	Percentage
1990 Warning: these	1990 (19)	97/1998) he number of cases found in the data file. They cannot be interprete	2416	100.0%
	•	I standard industrial classification (ISIC)		
Information		· ·		~~~*1
		[Type= discrete] [Format=numeric] [Range= 1511-36		iig= j
Statistics [N	-	[Valid=2416 /-] [Invalid=0 /-]		
Literal ques	tion	International standard industrial classification (ISIC)		
Value	Label		Cases	Percentage
1511	Productio	on, processing and preserving of meat, fruit and veg	31	1.3%
1514		ure of edible oil	101	4.2%
1520		ure of dairy products	5	0.2%
1531		ure of flour	135	5.6%
1533	Manufact	ure of animal feed	17	0.7%
1541	manufact	ure of bakery	219	9.1%
1542	Manufact	ure of sugar and confecionary	25	1.0%
1544	manufact	ure of pasta and macaroni	17	0.7%
1549	Manufact	ure of food NEC	41	1.7%
1551	Distiling r	ectifying and blending of spirit	27	1.1%
1552	Manufact	ure of wine	5	0.2%
1553	Malt liqor	es and malt	23	1.0%
1554	Manufact	ure of soft drinks	30	1.2%
1600	Manufact	ure of tobacco	4	0.2%
1710	spining,	weaving and finishing	87	3.6%
1723	Manufact	ure of cordage rope and twine	8	0.3%
1730	Kniting m	ills	24	1.0%
1810	manufact	ure of wearing apparal except fur	77	3.2%
1910	Tanning a	and dressing of leather	52	2.2%
1920	manufact	ure of footwear	139	5.8%
2000	Manufact	ure wood and wood products	51	2.1%
2100	Manufact	ure of paper and paper products	29	1.2%
2200	Publishin	g and printing services	134	5.5%

# File Type\_and\_value\_of\_fixed\_assets\_part71

Value	Label		Cases	Percentage				
2422	Manufactu	ire of paints varnishes	30	1.2%				
2423	Manufactu	re of phrmaceuticals, medicinial	12	0.5%				
2424	Manufacture of soap detregents, perfumes		77	3.2%				
2429	Manufacture of chemical productsNEC		17	0.7%				
2510	Manufactu	ire of rubber	19	0.8%				
2520	Manufactu	ire of plastics	81	3.4%				
2610	Manufactu	re of glass and glass products	10	0.4%				
2693	Manufactu	re of structural clay products	16	0.7%				
2694	Manufactu	re of cement ,lime and plaster	33	1.4%				
2695	Manufactu	re of articles of concrete, cement	193	8.0%				
2699	Manufactu	ire of non-metalic NEC	30	1.2%				
2710	Manufactu	re of basic iron and steel	24	1.0%				
2811	Manufactu	re of structural metal products	75	3.1%				
2892	Manufactu	ire of cuttlery hand tools	4	0.2%				
2893	Manufactu	re of other fabricated metal products	23	1.0%				
2899	Manufactu	re of pumps,compressors, valves and taps	28	1.2%				
2914	Manufactu	ire of ovens	11	0.5%				
2919			4	0.2%				
2925	Manufactu	ire of other general purpose machnery	29	1.2%				
2929			4	0.2%				
3140	Manufactu	ire of battries	6	0.2%				
3420		ire of bodies for mothor vechiles	31	1.3%				
3430		ire of parts and accessaries	4	0.2%				
3610 Warning: these fig		IRE OF fURNITURE e number of cases found in the data file. They cannot be inter	353 preted as summar	14.6%				
		hment number		,				
Information		[Type= discrete] [Format=numeric] [Range= 1-99	999] [Missing=	*]				
Statistics [NW	// <b>W]</b>	[Valid=2416 /-] [Invalid=0 /-]						
Literal question	on	Establishment number						
#12 phonen	o: Telepho	one number						
Information		[Type= discrete] [Format=numeric] [Range= 1-812516] [Missing=*]						
Statistics [NW	// <b>W]</b>	[Valid=2276 /-] [Invalid=140 /-]	[Valid=2276 /-] [Invalid=140 /-]					
Literal question	on	Telephone number						
#13 <b>pobox:</b>	P.O.Box n	umber						
Information		[Type= discrete] [Format=numeric] [Range= 1-9	0319] [Missing:	=*]				
Statistics [NW/ W]		[Valid=1903 /-] [Invalid=513 /-]						
Literal question	on	P.O.Box number						
#14 <b>p71c1:</b> ]	Гуре of fix	ed assets						
Information		[Type= discrete] [Format=numeric] [Range= 1-7]	[Missing=*]					
Statistics [NW	// <b>W]</b>	[Valid=2416 /-] [Invalid=0 /-]						
Definition		This variable is part of section 7.1 (Type and Val	up of Fixed Ap	vente) of the guantiannaire				

# File Type\_and\_value\_of\_fixed\_assets\_part71

#14 p/1c1:	Type of fix	ted assets					
Literal quest	tion	Type of fixed assets					
Value	Label	Cases Percenta		itage			
1	Dwelling I	ouses 16 0.7%					
2	Non-resid	ential building	541	22.4%			
3	Other con	struction and works	94	3.9%			
4	Machiner	/	710		29.4%		
5	Vehicles		420	1	17.4%		
6		fice furniture and fixture)	635 0	0.0%	26.3%		
ा Warning: these i	Total figures indicate th	e number of cases found in the data file. They canno			terest.		
<sup>#15</sup> p71c3:	Book valu	e of the fixed assets at begining	g of the year				
Information		[Type= continuous] [Format=numeric] [R	ange= 1-147047189]	[Missing=*]			
Statistics [N	w/ w]	[Valid=2365 /-] [Invalid=51 /-] [Mean=130	9836.927 /-] [StdDev=	=6608624.635 /-]			
Definition		This variable is part of section 7.1 (Type	and Value of Fixed As	sets) of the questionnaire			
Literal quest	tion	Book value of the fixed assets at beginin	g of the year				
<sup>#16</sup> <b>p71c4</b> :	Investmer	it for purchase and capital repa	ir of fixed assets	;			
Information		[Type= continuous] [Format=numeric] [Range= 50-31224949] [Missing=*]					
Statistics [N	w/ 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 quest	tion	Investment for purchase and capital repa	air of fixed assets				
<sup>#17</sup> p71c5:	Sold and	disposed during the year					
Information		[Type= continuous] [Format=numeric] [R	ange= 2-2746188] [Mi	ssing=*]			
Statistics [N	w/ 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 quest	tion	Sold and disposed during the year					
<sup>#18</sup> p71c6:	Depreciat	on during the year					
Information		[Type= continuous] [Format=numeric] [R	ange= 1-16083415] [N	/lissing=*]			
Statistics [N	w/ w]	[Valid=2242 /-] [Invalid=174 /-] [Mean=16	5177.65 /-] [StdDev=7	786246.858 /-]			
Definition		This variable is part of section 7.1 (Type and Value of Fixed Assets) of the questionnaire					
Literal quest	tion	Depreciation during the year					
<sup>#19</sup> <b>p71c7</b> :	Book valu	e of the fixed assets at end of t	he 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 As	sets) of the questionnaire			
Literal quest	tion	Book value of the fixed assets at end of	he year				
File An	nual_in	vestment_by_type_and	d_source_pa	art72			
	terprise id						
Information	-	[Type= discrete] [Format=numeric] [Range	no= 15110002 261029	27] [Missing=*]			

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

#1 oid - En							
" elu. El	terprise id						
Literal ques	tion	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 co	de					
Information		[Type= discrete] [Format=numeric] [Rar	ige= 1-15] [Missing=*]				
Statistics [N	IW/ W]	[Valid=1359 /-] [Invalid=0 /-]					
Literal ques	tion	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	BENSHAN		0	0.0%			
7	S.N.N.P.R		110	8.1%			
12	GAMBELA	A	2	0.1%			
13	HARARI		14	1.0%		00.00/	
14 ADDIS AE			868			63.9%	
15				2 60/			
15 Warning: these	DIRE DAV		35	2.6% ry statistics of the pop	oulation of interest.		
Warning: these	DIRE DAV	NA	35	_	pulation of interest.		
Warning: these	DIRE DAV figures indicate the Cone code	NA	35 ot be interpreted as summar	_	pulation of interest.		
Warning: these #3 zone: Z	DIRE DAV figures indicate the Cone code	NA e number of cases found in the data file. They cann	35 ot be interpreted as summar	_	pulation of interest.		
Warning: these #3 zone: Z Information	DIRE DAV figures indicate the Cone code	VA e number of cases found in the data file. They cann [Type= discrete] [Format=numeric] [Rar	35 ot be interpreted as summar	_	pulation of interest.		
Warning: these #3 zone: Z Information Statistics [N Literal ques	DIRE DAV figures indicate the Cone code	VA e number of cases found in the data file. They cann [Type= discrete] [Format=numeric] [Ran [Valid=1357 /-] [Invalid=2 /-] Zone code	35 ot be interpreted as summar	_	pulation of interest.		
Warning: these #3 zone: Z Information Statistics [N Literal ques	DIRE DAV figures indicate the Cone code W// W] Stion	VA e number of cases found in the data file. They cann [Type= discrete] [Format=numeric] [Ran [Valid=1357 /-] [Invalid=2 /-] Zone code	35 ot be interpreted as summar nge= 1-71] [Missing=*]	_	pulation of interest.		
Warning: these #3 zone: Z Information Statistics [N Literal ques #4 wereda	DIRE DAV figures indicate the Zone code IW/ W] Stion	VA e number of cases found in the data file. They cannot [Type= discrete] [Format=numeric] [Ran [Valid=1357 /-] [Invalid=2 /-] Zone code Ode	35 ot be interpreted as summar nge= 1-71] [Missing=*]	_	pulation of interest.		
Warning: these #3 zone: Z Information Statistics [N Literal ques #4 wereda Information	DIRE DAV figures indicate the Cone code W/ W] ition a: Wereda co	VA e number of cases found in the data file. They cannot [Type= discrete] [Format=numeric] [Rar [Valid=1357 /-] [Invalid=2 /-] Zone code ode [Type= discrete] [Format=numeric] [Rar	35 ot be interpreted as summar nge= 1-71] [Missing=*]	_	pulation of interest.		
Warning: these #3 zone: Z Information Statistics [N Literal ques #4 wereda Information Statistics [N Literal ques	DIRE DAV figures indicate the Cone code W/ W] ition a: Wereda co	VA e number of cases found in the data file. They cannot [Type= discrete] [Format=numeric] [Ran [Valid=1357 /-] [Invalid=2 /-] Zone code Ode [Type= discrete] [Format=numeric] [Ran [Valid=885 /-] [Invalid=474 /-]	35 ot be interpreted as summar nge= 1-71] [Missing=*]	_	pulation of interest.		
Warning: these #3 zone: Z Information Statistics [N Literal ques #4 wereda Information Statistics [N Literal ques	DIRE DAV figures indicate the Zone code IW/ W] ation IW/ W] ation Town code	VA e number of cases found in the data file. They cannot [Type= discrete] [Format=numeric] [Ran [Valid=1357 /-] [Invalid=2 /-] Zone code Ode [Type= discrete] [Format=numeric] [Ran [Valid=885 /-] [Invalid=474 /-]	35 ot be interpreted as summar ige= 1-71] [Missing=*]	ry statistics of the pop	pulation of interest.		
Warning: these #3 zone: Z Information Statistics [N Literal ques #4 wereda Information Statistics [N Literal ques #5 town: T	DIRE DAV figures indicate the Zone code W// W] ation a: Wereda co W// W] ation Fown code	VA e number of cases found in the data file. They cannot [Type= discrete] [Format=numeric] [Rar [Valid=1357 /-] [Invalid=2 /-] Zone code ode [Type= discrete] [Format=numeric] [Rar [Valid=885 /-] [Invalid=474 /-] Wereda code	35 ot be interpreted as summar ige= 1-71] [Missing=*]	ry statistics of the pop	pulation of interest.		
Warning: these #3 zone: Z Information Statistics [N Literal ques #4 wereda Information Statistics [N Literal ques #5 town: T Information	DIRE DAV figures indicate the Zone code IW/ W] ition I: Wereda co IW/ W] ition Fown code	VA e number of cases found in the data file. They cannot [Type= discrete] [Format=numeric] [Rar [Valid=1357 /-] [Invalid=2 /-] Zone code ode [Type= discrete] [Format=numeric] [Rar [Valid=885 /-] [Invalid=474 /-] Wereda code [Type= discrete] [Format=numeric] [Rar	35 ot be interpreted as summar ige= 1-71] [Missing=*]	ry statistics of the pop	pulation of interest.		
Warning: these #3 zone: Z Information Statistics [N Literal ques #4 wereda Information Statistics [N Literal ques #5 town: T Information Statistics [N	DIRE DAV figures indicate the Zone code IW/ W] ition I: Wereda co IW/ W] ition Fown code	VA e number of cases found in the data file. They cannot [Type= discrete] [Format=numeric] [Rar [Valid=1357 /-] [Invalid=2 /-] Zone code ode [Type= discrete] [Format=numeric] [Rar [Valid=885 /-] [Invalid=474 /-] Wereda code [Type= discrete] [Format=numeric] [Rar [Valid=1359 /-] [Invalid=0 /-] Town code	35 ot be interpreted as summar ige= 1-71] [Missing=*]	ry statistics of the pop	pulation of interest.		
Warning: these #3 zone: Z Information Statistics [N Literal ques #4 wereda Information Statistics [N Literal ques #5 town: T Information Statistics [N Literal ques	DIRE DAV figures indicate the Zone code IW/ W] ition I: Wereda co IW/ W] ition Fown code	VA e number of cases found in the data file. They cannot [Type= discrete] [Format=numeric] [Rar [Valid=1357 /-] [Invalid=2 /-] Zone code Ode [Type= discrete] [Format=numeric] [Rar [Valid=885 /-] [Invalid=474 /-] Wereda code [Type= discrete] [Format=numeric] [Rar [Valid=1359 /-] [Invalid=0 /-] Town code Frequency table not	35 ot be interpreted as summar ige= 1-71] [Missing=*] ige= 1-35] [Missing=*]	ry statistics of the pop	pulation of interest.		
Warning: these #3 zone: Z Information Statistics [N Literal ques #4 wereda Information Statistics [N Literal ques #5 town: T Information Statistics [N Literal ques	DIRE DAV figures indicate the Zone code IW/ W] Stion Town code IW/ W] Stion Fown code IW/ W] Stion Fown code IW/ W] Stion	VA e number of cases found in the data file. They cannot [Type= discrete] [Format=numeric] [Rar [Valid=1357 /-] [Invalid=2 /-] Zone code Ode [Type= discrete] [Format=numeric] [Rar [Valid=885 /-] [Invalid=474 /-] Wereda code [Type= discrete] [Format=numeric] [Rar [Valid=1359 /-] [Invalid=0 /-] Town code Frequency table not	35 ot be interpreted as summar ge= 1-71] [Missing=*] ge= 1-35] [Missing=*] ge= 1-106] [Missing=*] ot shown (105 Modalitie	ry statistics of the pop	pulation of interest.		
Warning: these #3 zone: Z Information Statistics [N Literal ques #4 wereda Information Statistics [N Literal ques #5 town: T Information Statistics [N Literal ques #6 kefetgr	DIRE DAV figures indicate the Zone code W/ W] ition a: Wereda co W/ W] ition Fown code	VA e number of cases found in the data file. They cannot [Type= discrete] [Format=numeric] [Rar [Valid=1357 /-] [Invalid=2 /-] Zone code Ode [Type= discrete] [Format=numeric] [Rar [Valid=885 /-] [Invalid=474 /-] Wereda code [Type= discrete] [Format=numeric] [Rar [Valid=1359 /-] [Invalid=0 /-] Town code Frequency table not na number	35 ot be interpreted as summar ge= 1-71] [Missing=*] ge= 1-35] [Missing=*] ge= 1-106] [Missing=*] ot shown (105 Modalitie	ry statistics of the pop	pulation of interest.		
Warning: these #3 zone: Z Information Statistics [N Literal ques #4 wereda Information Statistics [N Literal ques #5 town: T Information Statistics [N Literal ques #6 kefetgr Information	DIRE DAV figures indicate the Zone code IW/ W] ition a: Wereda co IW/ W] ition Fown code IW/ W] ition fown code	VA e number of cases found in the data file. They cannot [Type= discrete] [Format=numeric] [Rar [Valid=1357 /-] [Invalid=2 /-] Zone code Ode [Type= discrete] [Format=numeric] [Rar [Valid=885 /-] [Invalid=474 /-] Wereda code [Type= discrete] [Format=numeric] [Rar [Valid=1359 /-] [Invalid=0 /-] Town code Frequency table no Frequency table no	35 ot be interpreted as summar ge= 1-71] [Missing=*] ge= 1-35] [Missing=*] ge= 1-106] [Missing=*] ot shown (105 Modalitie	ry statistics of the pop	pulation of interest.		
Warning: these #3 zone: Z Information Statistics [N Literal ques #4 wereda Information Statistics [N Literal ques #5 town: T Information Statistics [N Literal ques #6 kefetgr Information Statistics [N Literal ques	DIRE DAV figures indicate the Zone code IW/ W] ition a: Wereda co IW/ W] ition Fown code IW/ W] ition fown code	VA e number of cases found in the data file. They cannot [Type= discrete] [Format=numeric] [Rar [Valid=1357 /-] [Invalid=2 /-] Zone code ode [Type= discrete] [Format=numeric] [Rar [Valid=885 /-] [Invalid=474 /-] Wereda code [Type= discrete] [Format=numeric] [Rar [Valid=1359 /-] [Invalid=0 /-] Town code Frequency table no na number [Type= discrete] [Format=numeric] [Rar [Valid=1160 /-] [Invalid=199 /-] Kefetegna number	35 ot be interpreted as summar ge= 1-71] [Missing=*] ge= 1-35] [Missing=*] ge= 1-106] [Missing=*] ot shown (105 Modalitie	ry statistics of the pop	pulation of interest.		
Warning: these #3 zone: Z Information Statistics [N Literal ques #4 wereda Information Statistics [N Literal ques #5 town: T Information Statistics [N Literal ques #6 kefetgr Information Statistics [N Literal ques	DIRE DAV figures indicate the Zone code IW/ W] ition I: Wereda co IW/ W] ition Fown code IW/ W] ition Ina: Kefetegr	VA e number of cases found in the data file. They cannot [Type= discrete] [Format=numeric] [Rar [Valid=1357 /-] [Invalid=2 /-] Zone code ode [Type= discrete] [Format=numeric] [Rar [Valid=885 /-] [Invalid=474 /-] Wereda code [Type= discrete] [Format=numeric] [Rar [Valid=1359 /-] [Invalid=0 /-] Town code Frequency table no na number [Type= discrete] [Format=numeric] [Rar [Valid=1160 /-] [Invalid=199 /-] Kefetegna number	35 of be interpreted as summar age= 1-71] [Missing=*] age= 1-35] [Missing=*] age= 1-106] [Missing=*] age= 1-65] [Missing=*]	ry statistics of the pop	pulation of interest.		

#7 kebele:	Kebele nu	Imber		
Literal question Kebele number				
<sup>#8</sup> housen	o: House ı	number		
Information		[Type= discrete] [Format=numeric] [Range= 0-4858	] [Missing=	*]
Statistics [N	w/ w]	[Valid=942 /-] [Invalid=417 /-]		
Literal quest	ion	House number		
#9 srefyea	r: Survey ı	reference year		
Information		[Type= discrete] [Format=numeric] [Range= 1990-1	990] [Missi	ng=*]
Statistics [N	w/ w]	[Valid=1359 /-] [Invalid=0 /-]		
- Literal quest	-	Survey reference year		
Value	Label		Cases	Percentage
1990	1990 (19	07/1008)	1359	100.0%
	•	he number of cases found in the data file. They cannot be interpret		
<sup>#10</sup> isic: In	ternationa	Il standard industrial classification (ISIC	)	
Information		[Type= discrete] [Format=numeric] [Range= 1511-3	610] [Missi	ng=*]
Statistics [N	w/ w1	[Valid=1359 /-] [Invalid=0 /-]		
Literal quest	_	International standard industrial classification (ISIC)	)	
Value	Label		Cases	Percentage
1511		on, processing and preserving of meat, fruit and veg	10	0.7%
1514		ture of edible oil	55	4.0%
1520		ture of dairy products	2	0.1%
1531		ture of flour	68	5.0%
1533		ture of animal feed	6	0.4%
1541		ture of bakery	144	10.6%
1542		ture of sugar and confectionary	16	1.2%
1544		ture of pasta and macaroni	8	0.6%
1549		ture of food NEC	19	1.4%
1551		rectifying and blending of spirit	16	1.2%
1552	-	ture of wine	2	0.1%
1553		res and malt	10	0.7%
1555		ture of soft drinks	14	1.0%
1600		ture of tobacco	2	0.1%
1710		weaving and finishing	40	2.9%
1723		ture of cordage rope and twine	4	0.3%
1730	Kniting m		8	0.6%
1810	-	ture of wearing apparal except fur	52	3.8%
1910	Tanning and dressing of leather		26	1.9%
	Ū	ture of footwear	84	6.2%
1920	manulati			
1920 2000	Manufact	ture wood and wood products	2n	19%
2000		ture wood and wood products	26 15	1.9%
2000 2100	Manufact	ture of paper and paper products	15	1.1%
2000	Manufact Publishin	•		

Value	Label		Cases	Percentage		
2423	Manufactu	ire of phrmaceuticals, medicinial	8	0.6%		
2424	Manufactu	ire of soap detregents, perfumes	40	2.9%		
2429	Manufactu	ire of chemical productsNEC	10	0.7%		
2510	Manufactu	ire of rubber	9	0.7%		
2520	Manufactu	ire of plastics	46	3.4%		
2610	Manufactu	ire of glass and glass products	4	0.3%		
2693	Manufactu	ire of structural clay products	6	0.4%		
2694	Manufactu	ire of cement ,lime and plaster	12	0.9%		
2695	Manufactu	ire of articles of concrete, cement	102	7.5%		
2699	Manufactu	ire of non-metalic NEC	17	1.3%		
2710	Manufactu	ire of basic iron and steel	14	1.0%		
2811	Manufactu	ire of structural metal products	46	3.4%		
2892	Manufactu	ire of cuttlery hand tools	2	0.1%		
2893	Manufactu	ire of other fabricated metal products	16	1.2%		
2899	Manufactu	ire of pumps,compressors, valves and taps	11	0.8%		
2914	Manufactu	ire of ovens	9	0.7%		
2919			6	0.4%		
2925	Manufactu	ire of other general purpose machnery	18	1.3%		
2929			2	0.1%		
3140	Manufactu	ire of battries	4	0.3%		
3420	manufactu	ire of bodies for mothor vechiles	16	1.2%		
3430	manufactu	ire of parts and accessaries	3	0.2%		
3610		ire of furniture	222		16.3%	
	-	e number of cases found in the data file. They cannot be inter	oreted as summa	ry statistics of the population of interest.		
#11 estabr	io: Establis	hment number				
Information		[Type= discrete] [Format=numeric] [Range= 1-99	999] [Missing=	*]		
Statistics [N	IW/ W]	[Valid=1359 /-] [Invalid=0 /-]				
Literal ques	tion	Establishment number				
<sup>#12</sup> phone	no: Telepho	one number				
Information		[Type= discrete] [Format=numeric] [Range= 1-8	12516] [Missin	ıg=*]		
Statistics [N	IW/ W]	[Valid=1291 /-] [Invalid=68 /-]				
Literal ques	tion	Telephone number				
<sup>#13</sup> pobox	: P.O.Box n	umber				
Information		[Type= discrete] [Format=numeric] [Range= 1-90	)319] [Missing	=*]		
Statistics [NW/ W]		[Valid=1054 /-] [Invalid=305 /-]				
Literal ques	tion	P.O.Box number				
#14 <b>p72c1</b>	: Source of	financing				
Information		[Type= discrete] [Format=numeric] [Range= 1-6]	[Missing=*]			
Statistics [N	IW/ W]	[Valid=1359 /-] [Invalid=0 /-]				
Definition		This variable is part of section 7.2 (Annual Inves	tment by Type	e and Source) of the questionnaire		
Literal ques	tion	Source of financing				
-		- 86 -				

## <sup>#14</sup> p72c1: Source of financing

Value	Label	Cases	Percentag	ge	
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%		
A /	finance indiants the number of several formed in the data file. These	a second data to the second state of the second second	and the state of t	-4	

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

#### #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

13

14

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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: Enter	<sup>#1</sup> eid: Enterprise id					
Information [Type= discrete] [Format=numeric] [Range= 15110				37] [Missing=*]		
Statistics [NW/	w]	[Valid=2835 /-] [Invalid=0 /-]				
Literal question	n	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: R	egion coo	le				
Information		[Type= discrete] [Format=numeric] [Range= 1-15] [Missing=*]				
Statistics [NW/ W] [Valid=2835 /-] [Invalid=0 /-]						
Literal question	n	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	BENSHAN	IGUL	0	0.0%		
7	S.N.N.P.R		370	13.1%		
12	GAMBELA	λ	1	0.0%		

30

1788

1.1%

63.1%

	iuai_pi		Juy_partor					
#2 region: F	Region co	le						
Value	Label		Cases	Percentage				
15	DIRE DAV	VA	90 3	2%				
		number of cases found in the data file. They cannot	be interpreted as summary statis	tics of the population of interest.				
#3 zone: Zo	ne code							
Information		[Type= discrete] [Format=numeric] [Rang	e= 1-71] [Missing=*]					
Statistics [NW	// W]	[Valid=2828 /-] [Invalid=7 /-]						
Literal question	on	Zone code	ine code					
#4 wereda:	Wereda co	ode						
Information		[Type= discrete] [Format=numeric] [Rang	e= 1-87] [Missing=*]					
Statistics [NW	// W]	[Valid=1809 /-] [Invalid=1026 /-]						
Literal question	on	Wereda code						
#5 town: To	wn code							
Information		[Type= discrete] [Format=numeric] [Rang	e= 1-106] [Missing=*]					
Statistics [NW	// W]	[Valid=2835 /-] [Invalid=0 /-]						
Literal question	on	Town code						
		Frequency table not	shown (105 Modalities)					
#6 kefetgna	: Kefetegr	na number						
Information		[Type= discrete] [Format=numeric] [Rang	e= 1-65] [Missing=*]					
Statistics [NW	// W]	[Valid=2485 /-] [Invalid=350 /-]						
Literal question	on	Kefetegna number						
#7 kebele: M	Kebele nui	nber						
Information		[Type= discrete] [Format=numeric] [Rang	e= 1-88] [Missing=*]					
Statistics [NW	// W]	[Valid=2709 /-] [Invalid=126 /-]						
Literal question	on	Kebele number						
<sup>#8</sup> houseno	: House n	umber						
Information		[Type= discrete] [Format=numeric] [Rang	e= 0-4858] [Missing=*]					
Statistics [NW	// W]	[Valid=1971 /-] [Invalid=864 /-]						
Literal question	on	House number						
<sup>#9</sup> srefyear:	Survey re	eference year						
Information		[Type= discrete] [Format=numeric] [Rang	e= 1990-1990] [Missing=*]					
Statistics [NW	// W]	[Valid=2835 /-] [Invalid=0 /-]						
Literal question	on	Survey reference year						
Value	Label		Cases	Percentage				
1990	1990 (199	7/1998)	2835	-	100.0%			
		e number of cases found in the data file. They cannot		tics of the population of interest.				
#10 isic: Inte	ernational	standard industrial classification	on (ISIC)					
Information		[Type= discrete] [Format=numeric] [Rang	e= 1511-3610] [Missing=*]					
Statistics [NW	// W]	[Valid=2835 /-] [Invalid=0 /-]						
9 srefyear: nformation tatistics [NW iteral questic Value 1990 farming: these fig 10 isic: Inter nformation	: Survey re	eference year         [Type= discrete] [Format=numeric] [Rang         [Valid=2835 /-] [Invalid=0 /-]         Survey reference year         7/1998)         enumber of cases found in the data file. They cannot standard industrial classification         [Type= discrete] [Format=numeric] [Rang	Cases 2835 be interpreted as summary statis	-	10			

alue	Label	Cases	Percentage
511	Production, processing and preserving of meat, fruit and veg	36	1.3%
14	manufacture of edible oil	82	2.9%
20	Manufacture of dairy products	5	0.2%
31	Manufacture of flour	87	3.1%
33	Manufacture of animal feed	10	0.4%
41	manufacture of bakery	199	7.0%
42	Manufacture of sugar and confecionary	16	0.6%
44	manufacture of pasta and macaroni	10	0.4%
49	Manufacture of food NEC	21	0.7%
51	Distiling rectifying and blending of spirit	42	1.5%
52	Manufacture of wine	1	0.0%
53	Malt ligores and malt	11	0.4%
54	Manufacture of soft drinks	21	0.7%
00	Manufacture of tobacco	3	0.1%
10	spining , weaving and finishing	70	2.5%
23	Manufacture of cordage rope and twine	11	0.4%
30	Kniting mills	23	0.8%
10	manufacture of wearing apparal except fur	119	4.2%
10	Tanning and dressing of leather	38	1.3%
20	manufacture of footwear	99	3.5%
00	Manufacture wood and wood products	52	1.8%
00	Manufacture of paper and paper products	32	1.1%
00	Publishing and printing services	147	5.2%
1	Manufacture of basic chemicals except fertilzers	12	0.4%
2	Manufacture of paints varnishes	22	0.8%
23	Manufacture of phrmaceuticals, medicinial	24	0.8%
24	Manufacture of soap detregents, perfumes	62	2.2%
29	Manufacture of chemical productsNEC	7	0.2%
10	Manufacture of rubber	19	0.7%
20	Manufacture of plastics	101	3.6%
10	Manufacture of glass and glass products	15	0.5%
93	Manufacture of structural clay products	5	0.2%
94	Manufacture of cement ,lime and plaster	13	0.5%
95	Manufacture of articles of concrete, cement	237	8.4%
99	Manufacture of non-metalic NEC	24	0.8%
10	Manufacture of basic iron and steel	23	0.8%
11	Manufacture of structural metal products	113	4.0%
92	Manufacture of cuttlery hand tools	1	0.0%
93	Manufacture of other fabricated metal products	33	1.2%
99	Manufacture of pumps, compressors, valves and taps	24	0.8%
14	Manufacture of ovens	16	0.6%
19		1	0.0%

Value	Label		Cases	Percentage			
2925	Manufact	ure of other general purpose machnery	44	1.6%			
2929			3	0.1%			
3140	Manufact	ure of battries	10	0.4%			
3420	manufact	ure of bodies for mothor vechiles	47	1.7%			
3430	manufact	ure of parts and accessaries	7	0.2%			
3610		ure of furniture	837	29.			
-	-	he number of cases found in the data file. They cannot be in	nterpreted as summar	y statistics of the population of interest.			
		shment number	0000111141-01-00	*1			
Information		[Type= discrete] [Format=numeric] [Range= 1	-9999] [IVIISSING=	.]			
Statistics [I	_	[Valid=2835 /-] [Invalid=0 /-]					
Literal ques		Establishment number					
-		one number					
Informatior		[Type= discrete] [Format=numeric] [Range= 1	-812516] [Missing	g=*]			
Statistics [I	-	[Valid=2662 /-] [Invalid=173 /-]					
Literal question		Telephone number					
<sup>#13</sup> pobox	c: P.O.Box r	number					
Information	1	[Type= discrete] [Format=numeric] [Range= 1-90319] [Missing=*]					
Statistics [I	ww/ w]	[Valid=2177 /-] [Invalid=658 /-]					
Literal ques	stion	P.O.Box number					
		Frequency table not show	wn (499 Modalitie	s)			
<sup>#14</sup> p81c1	: Serial nur	nber for products description					
Informatior	1	[Type= discrete] [Format=numeric] [Range= 1	-10] [Missing=*]				
Statistics [I	ww/ w]	[Valid=2835 /-] [Invalid=0 /-]	d=0 /-]				
Definition		This variable is part of section 8.1 (Annual Pro	oduction at Full C	apacity) of the questionnaire			
Literal ques	stion	Serial number for products description					
Value	Label		Cases	Percentage			
1	1		723	25.			
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 Warning: these	10 figures indicate th	ne number of cases found in the data file. They cannot be in	0 oterpreted as summar	0.0%			
	-	•		,			
#15 <b>p81c4</b>							
#15 <b>p81c4</b> Informatior		[Type= discrete] [Format=numeric] [Range= 1	-99991 [Missing-	*1			

#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				
	Frequency table not shown (116 Modalities)				
<sup>#16</sup> p81c5: Unit mea	asurment				
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				
	Frequency table not shown (59 Modalities)				
<sup>#17</sup> 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

<sup>#1</sup> eid: Enterprise id							
Information		[Type= discrete] [Format=numeric] [Range= 15110002-36102837] [Missing=*]					
Statistics [NW	/ W]	[Valid=3164 /-] [Invalid=0 /-]					
Literal questio	n	Enterprise id					
Recoding and	Derivation	This variable is derived by combining two variables, each questionnaire.	This variable is derived by combining two variables, i.e. ISIC and establishment. The enterprise id is unique for each questionnaire.				
#2 region: R	egion cod	le					
Information	ation [Type= discrete] [Format=numeric] [Range= 1-15] [Missing=*]						
Statistics [NW	tics [NW/ W] [Valid=3164 /-] [Invalid=0 /-]						
Literal questio	n	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	BENSHAN	IGUL	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 12 GAMBELA 3 0.1%

Tarao	Eabol		00000		rereentage	
12	GAMBEL	A	3	0.1%		
13	HARARI		34	1.1%		
14	ADDIS AE	3ABA	2105			66.5%
15	DIRE DAV		83	2.6%		
	-	e number of cases found in the data file. They cannot be interprete	d as summar	y statistics of the pop	ulation of interest.	
	one code					
Information [Type= discrete] [Format=numeric] [Range= 1-71] [Missing=*]						
Statistics [N		[Valid=3158 /-] [Invalid=6 /-]				
Literal ques	tion	Zone code				
#4 wereda	: Wereda c	ode				
Information		[Type= discrete] [Format=numeric] [Range= 1-87] [N	lissing=*]			
Statistics [N	IW/ W]	[Valid=2143 /-] [Invalid=1021 /-]				
Literal ques	tion	Wereda code				
#5 town: T	Town code					
Information		[Type= discrete] [Format=numeric] [Range= 1-106] [	[Missing=*]			
Statistics [NW/ W] [Valid=3164 /-] [Invalid=0 /-]						
Literal ques	tion	Town code				
		Frequency table not shown (10	5 Modalitie	s)		
#6 kefetgr	na: Kefetegi	na number				
Information		[Type= discrete] [Format=numeric] [Range= 1-65] [N	lissing=*]			
Statistics [N	stics [NW/ W] [Valid=2773 /-] [Invalid=391 /-]					
Literal ques	tion	Kefetegna number				
#7 kebele:	Kebele nu	mber				
Information		[Type= discrete] [Format=numeric] [Range= 1-88] [N	lissing=*]			
Statistics [N	IW/ W]	[Valid=3029 /-] [Invalid=135 /-]				
Literal ques	tion	Kebele number				
<sup>#8</sup> houser	no: House n	umber				
Information		[Type= discrete] [Format=numeric] [Range= 0-4858]	[Missing="	[]		
Statistics [N	Statistics [NW/ W]         [Valid=2280 /-] [Invalid=884 /-]					
Literal ques	tion	House number				
<sup>#9</sup> srefyea	ar: Survey r	eference year				
Information		[Type= discrete] [Format=numeric] [Range= 1990-19	990] [Missii	ng=*]		
Statistics [N	IW/ W]	[Valid=3164 /-] [Invalid=0 /-]				
Literal ques	iteral question Survey reference year					
		1	-			

 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.
 100.0%

## File Estimate\_value\_and\_quantity\_of\_raw\_materials\_needed\_at\_full\_capacity\_part82

Information		[Type= discrete] [Format=numeric] [Range= 1511-3	610] [Missii	ng=*]		
Statistics [NV	V/ W]	[Valid=3164 /-] [Invalid=0 /-]				
Literal questi	on	International standard industrial classification (ISIC)				
Value	Label		Cases	Percentage		
1511	Production	Production, processing and preserving of meat, fruit and veg		1.1%		
1514	manufactu	ire of edible oil	74	2.3%		
1520	Manufactu	ire of dairy products	6	0.2%		
1531	Manufactu	ire of flour	63	2.0%		
1533	Manufactu	ire of animal feed	18	0.6%		
1541	manufactu	ire of bakery	418	13.2%		
1542	Manufactu	ire of sugar and confecionary	38	1.2%		
1544	manufactu	ire of pasta and macaroni	11	0.3%		
1549	Manufactu	ire of food NEC	26	0.8%		
1551	Distiling re	ectifying and blending of spirit	35	1.1%		
1552	Manufactu	ire of wine	6	0.2%		
1553	Malt liqore	es and malt	22	0.7%		
1554	Manufactu	ire of soft drinks	37	1.2%		
1600	Manufactu	ire of tobacco	5	0.2%		
1710	spining , v	veaving and finishing	82	2.6%		
1723	Manufactu	ire of cordage rope and twine	9	0.3%		
1730	Kniting mi	lls	23	0.7%		
1810	manufactu	ire of wearing apparal except fur	123	3.9%		
1910	Tanning a	nd dressing of leather	48	1.5%		
1920	manufactu	ure of footwear	213	6.7%		
2000	Manufactu	ire wood and wood products	43	1.4%		
2100	Manufactu	ire of paper and paper products	28	0.9%		
2200		and printing services	199	6.3%		
2411	Manufactu	ire of basic chemicals except fertilzers	17	0.5%		
2422	Manufactu	ure of paints varnishes	35	1.1%		
2423		ire of phrmaceuticals, medicinial	18	0.6%		
2424	Manufactu	ire of soap detregents, perfumes	103	3.3%		
2429	Manufactu	ire of chemical productsNEC	22	0.7%		
2510	Manufactu	ire of rubber	27	0.9%		
2520	Manufactu	ire of plastics	82	2.6%		
2610	Manufactu	ire of glass and glass products	9	0.3%		
2693		ire of structural clay products	7	0.2%		
2694	Manufactu	ire of cement ,lime and plaster	27	0.9%		
2695		ire of articles of concrete, cement	233	7.4%		
2699	Manufactu	ure of non-metalic NEC	25	0.8%		
2710		ire of basic iron and steel	23	0.7%		
2811	Manufactu	ire of structural metal products	122	3.9%		
2892		ire of cuttlery hand tools	0	0.0%		
2893		are 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 31 1.0% Manufacture of pumps, compressors, valves and taps 2914 Manufacture of ovens 24 0.8% 2919 6 0.2% 2925 Manufacture of other general purpose machnery 53 1.7% 4 0.1% 2929 3140 Manufacture of battries 10 0.3% 3420 manufacture of bodies for mothor vechiles 23 0.7% 3430 manufacture of parts and accessaries 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 1 711 22.5% 1 2 2 607 19.2% 3 3 17.0% 538 4 4 461 14.6% 5 12.0% 5 381 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=\*]

## 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 quantiy 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 in	nported 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_part8			
#21 p82c10: Total qua	antity 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	ue 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		

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## **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"