

**Ethiopia**

**Central Statistical Agency, Ministry of Finance and Economic Development**

**Large and Medium Manufacturing and Electricity  
Industries Survey 2003-2004 (1996 E.C)**

**Study Documentation**

January 3, 2011

# Metadata Production

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## Ethiopia (2005)

### Large and Medium Manufacturing and Electricity Industries Survey 2003-2004 (1996 E.C) (LMMIS 2004)

Overview	
Type	Enterprise/Establishment Census [en/census]
Identification	ETH-CSA-LMMIS-2004-v1.1
Version	Version 1.0: Edited and non-anonymous dataset for internal use only.
<b>Abstract</b> <p>Manufacturing is defined here according to International Standard Industrial Classification as "the physical or chemical transformation of materials or components into new products, whether the work is performed by power-driven machines or by hand, whether it is done in a factory or in the worker's home, and whether the products are sold at wholesale or retail. The assembly of the component parts of manufactured products is also considered as manufacturing activities."</p> <p>The presence of adequate and current statistical data in various economic sectors that are considered essential for development planning, socio-economic policy formulation and economic analysis is vital in promoting the economic development of a country. Based on this general objective, the Central Statistical Authority (CSA) has been conducting surveys of various economic activities of which the annual Large and Medium Scale Manufacturing Industries survey is one.</p> <p>In this survey attempt was made to update the directory using as source of information the licenses issued by the Ministry of Trade and Industry and corresponding bureaux of the Regional States of the country for the public and private establishments. In addition to this, directory was updated using lists obtained from house to house listing for the purpose of the 1994 E.F.Y (2001/2002) Small Scale Manufacturing Industries Survey. From this list all manufacturing establishments which engaged 10 persons and above were selected and included in the directory of large and medium scale manufacturing establishments. The number of establishments covered in this reference year increased by 56 than that of the previous survey period.</p> <p>The survey questionnaire is designed to answer questions about number of establishments, number of persons engaged, wages and salaries paid by industrial group, sex, nationality and occupation, paid-up capital, gross value of production, industrial and non-industrial costs. value added, operating surplus, quantity of production and raw materials consumed, fixed assets, investment and production capacity and etc..., To access the survey questionnaire please click on the links.</p>	
Kind of Data	Census/enumeration data [cen]
Unit of Analysis	Establishment/ Enterprise

## Scope & Coverage

### Scope

The scope of Large and Medium Manufacturing Industries Survey 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

<b>Keywords</b>	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 Allowances, Supplements to Wages and Salaries of Employees, Revenue from Sales, Receipt from Industrial Services Rendered to Others, Receipt of Products Bought and Resold, Other Receipts, Difference of Stocks in the Value of Finished Goods and Semi-Finished Goods, Gross Value of Production, Raw Materials, Other Industrial Services Rendered by Others, Industrial Cost, Non-industrial Cost, Census Value Added (at market price), Value Added in the National Account Concept (at market price), Fixed Capital Assets, New Capital Expenditure, Operating Surplus, Public Sector, Intermediate Cost (for electricity industry), Capacity, Tariff, Domestic Tariff, Street Lighting Tariff, Commercial Tariff, Industrial Tariff, Number of establishments covered by the report, Number of establishments with response
<b>Geographic Coverage</b> National	
<b>Universe</b> 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 in all Regions of the country.	

<b>Producers &amp; Sponsors</b>	
<b>Primary Investigator(s)</b>	Central Statistical Agency, Ministry of Finance and Economic Development
<b>Funding Agency/ies</b>	Government of Ethiopia
<b>Other Acknowledgment(s)</b>	

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

<b>Data Collection</b>	
<b>Data Collection Dates</b>	start 2005-04 end 2005-06
<b>Data Collection Mode</b>	Face-to-face [f2f]
<b>Data Collection Notes</b> 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, 25 statisticians from Branch Statistical Offices, about 157 enumerators and supervisors (105 from Addis Ababa Branch Office and 52 from other Branch Offices), and 9 statisticians from the Head Office and about 36 drivers (11 from Addis Ababa branch and 25 from the rest) were involved in the data collection activity. In Addis Ababa 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 five enumerators and a field editor (a supervisor). The supervisor was provided with a four-wheel drive vehicle and a driver. At the Head Office, prior to the deployment of the teams, the list of the establishments under the scope of the survey were distributed among the teams, in accordance with their location. Then, each enumerator was assigned to collect data, on average, from 15 establishments. The data collection operation was carried out in collaboration with the concerned personnel of each establishment. Similar arrangement was in place in other branch offices. Overall, the data collection activity took 30-45 days in most of the regions of the country.

### **Questionnaires**

The questionnaire contains the following sections/ items:

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

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

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

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

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

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

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

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

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

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

Section 6.2 - Other Industrial Costs: This section 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 percentage of the 1994 production as compared to the factory's production at full capacity

Section 8.4 - The three major problems that prevented the establishment from operating with full capacity.

Section 8.5 - Reason for lack of market if there is a problem of getting market.

Section 8.6 - About whether the factory made applied for a loan.

Section 8.7 - Reason for not solving shortage of working capital if there is a shortage of working capital.

Section 8.8 - The three major problems that are facing the establishment at present.

Section 8.9 - Whether the factory faced problem during export.

Section 8.10 - Three major problems faced during export.

## 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 using CSpro (Census and Survey 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

<b>Access Authority</b>	Central Statistical Agency (Ministry of Finance and Economic Development) , <a href="http://www.csa.gov.et">http://www.csa.gov.et</a> , <a href="mailto:csa@csa.gov.et">csa@csa.gov.et</a>
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<b>Contact(s)</b>	Data Administrator (Ethiopia Central Statistical Agency (CSA)) , <a href="http://www.csa.gov.et">http://www.csa.gov.et</a> , <a href="mailto:data@csa.gov.et">data@csa.gov.et</a>
<p><b>Access Conditions</b></p> <p>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.</p> <p>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 (<a href="http://www.csa.gov.et">http://www.csa.gov.et</a>).</p> <p>CSA will release microdata files for use by researchers for scientific research purposes when:</p> <p>The Director General is satisfied that all reasonable steps have been taken to prevent the identification of individual respondents.</p> <p>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</p> <p>The researchers have signed an appropriate undertaking.</p> <p>Terms and conditions of use of public data files are the following:</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>An electronic copy of all reports and publications based on the requested data will be sent to CSA.</p> <p>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.</p> <p>Cost Recovery Policy:</p> <p>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.</p> <p>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 (<a href="http://www.csa.gov.et">www.csa.gov.et</a> )</p> <p><b>Citation Requirements</b></p> <p>The following statement must be used as citation:</p>	

"Central Statistical Agency of Ethiopia (CSA). Large and Medium Manufacturing and Electricity Industries Survey 2003-2004 (LMMIS 2003-2004) "

## Rights & Disclaimer

Copyright	(c) 2004, Central Statistics Agency of Ethiopia
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# Files Description

Dataset contains 12 file(s)

Dataset at establishment level for 1996(2003-04)	
# Cases	997
# Variable(s)	140
File Structure	Type: relational Key(s): eid (Enterprise id)
<b>Producer</b> Ethiopia Central Statistical Agency	

Number of persons engaged (part31)	
# Cases	2894
# Variable(s)	19
File Structure	Type: relational Key(s): eid (Enterprise id) , p31c1 (General occupation)
<b>Producer</b> Ethiopia Central Statistical Agency	

Wages and salaries and other employee benefits paid (part32)	
# Cases	1922
# Variable(s)	16
File Structure	Type: relational Key(s): eid (Enterprise id) , p32c1 (General occupation)
<b>Producer</b> Ethiopia Central Statistical Agency	

Number of permanent employees by basic salary group (part33)	
# Cases	1773
# Variable(s)	19
File Structure	Type: relational Key(s): eid (Enterprise id) , p33c1 (Sex)
<b>Producer</b> Ethiopia Central Statistical Agency	

Products and by-products (part41)	
# Cases	4197
# Variable(s)	14
File Structure	Type: relational Key(s): eid (Enterprise id) , p41c1 (Serial number for list of principal products)

**Producer**

Ethiopia Central Statistical Agency

**Value of stocks (part5)**

<b># Cases</b>	1691
<b># Variable(s)</b>	8
<b>File Structure</b>	Type: relational Key(s): eid (Enterprise id) , p5c1 (Type of stock)

**Producer**

Ethiopia Central Statistical Agency

**Cost and quantity of raw materials, parts and containers used (part61)**

<b># Cases</b>	5550
<b># Variable(s)</b>	13
<b>File Structure</b>	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)**

<b># Cases</b>	960
<b># Variable(s)</b>	8
<b>File Structure</b>	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)**

<b># Cases</b>	3164
<b># Variable(s)</b>	10
<b>File Structure</b>	Type: relational Key(s): eid (Enterprise id) , p71c1 (Type of fixed assets)

**Producer**

Ethiopia Central Statistical Agency

**Annual investment by type and source (part72)**

<b># Cases</b>	2164
<b># Variable(s)</b>	7
<b>File Structure</b>	Type: relational Key(s): eid (Enterprise id) , p72c1 (Source of financing)

**Producer**

Ethiopia Central Statistical Agency

**Annual production at full capacity (part81)**

<b># Cases</b>	4005
<b># Variable(s)</b>	9
<b>File Structure</b>	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)**

<b># Cases</b>	4414
<b># Variable(s)</b>	13
<b>File Structure</b>	Type: relational Key(s): eid (Enterprise id) , p82c1 (Serial number for raw material list)

**Producer**

Ethiopia Central Statistical Agency

# Variables List

Dataset contains 276 variable(s)

File Dataset at establishment level for 1996(2003-04)							
#	Name	Label	Type	Format	Valid	Invalid	Question
1	<a href="#">eid</a>	Enterprise id	discrete	numeric-8.0	997	0	Enterprise id
2	<a href="#">region</a>	Region code	discrete	numeric-2.0	997	0	Region code
3	<a href="#">srefyear</a>	Survey reference year	discrete	numeric-4.0	997	0	Survey reference year
4	<a href="#">isic</a>	International standard industrial classification (ISIC)	discrete	numeric-4.0	997	0	International standard industrial classification (ISIC)
5	<a href="#">hregion</a>	Region code for head office	discrete	numeric-2.0	108	889	Region code for head office
6	<a href="#">p2q2</a>	Number of establishment	continuous	numeric-1.0	72	925	If multi-establishment enterprise, number of establishment
7	<a href="#">p2q3m</a>	Month of commencement	continuous	numeric-2.0	921	76	Month of commencement of operation (in Ethiopian calendar year)
8	<a href="#">p2q3f</a>	Year of commencement	continuous	numeric-4.0	989	8	Year of commencement of operation (in Ethiopian calendar year)
9	<a href="#">p2q4</a>	Keep books of accounts	discrete	numeric-1.0	997	0	Do you keep books of accounts ? (if yes attach detailed statement of accounts)
10	<a href="#">p2q5</a>	Type of calendar for accounts and books are being kept	discrete	numeric-1.0	577	420	State according to which calendar year your accounts and books are being kept
11	<a href="#">p2q6</a>	Type of ownership	discrete	numeric-1.0	997	0	Type of ownership of the establishment
12	<a href="#">p2q7</a>	Ownership transfered from public to private	discrete	numeric-1.0	872	125	Is the factory's ownership transfered from public to private ?
13	<a href="#">p2q8m</a>	Month of ownership transfered	continuous	numeric-2.0	37	960	State the month of privatization
14	<a href="#">p2q8y</a>	Year of ownership transfered	continuous	numeric-4.0	38	959	State the year of privatization
15	<a href="#">p2q9</a>	Legal form of the establishment	discrete	numeric-1.0	861	136	What is the legal form of organization ?
16	<a href="#">p2q10mal</a>	Number of male owners	continuous	numeric-3.0	744	253	Number of male owners of the establishments
17	<a href="#">p2q10fem</a>	Number of female owners	continuous	numeric-3.0	333	664	Number of male owners of the establishments
18	<a href="#">p2q10tot</a>	Total number of owners	continuous	numeric-3.0	845	152	Number of owners of the establishments
19	<a href="#">p2q11etm</a>	Initial paid-up capital (private Ethiopian male)	continuous	numeric-11.0	705	292	Initial paid-up capital (private Ethiopian male) in Birr
20	<a href="#">p2q11etf</a>	Initial paid-up capital (private Ethiopian female)	continuous	numeric-11.0	309	688	Initial paid-up capital (private Ethiopian female) in Birr
21	<a href="#">p2q11net</a>	Initial paid-up capital (private non-Ethiopian)	continuous	numeric-11.0	45	952	Initial paid-up capital (private non-Ethiopian) in Birr
22	<a href="#">p2q11gov</a>	Initial paid-up capital (public)	continuous	numeric-11.0	127	870	Initial paid-up capital (public) in Birr

File Dataset at establishment level for 1996(2003-04)							
#	Name	Label	Type	Format	Valid	Invalid	Question
23	<a href="#">p2q11oth</a>	Initial paid-up capital (other)	continuous	numeric-11.0	20	977	Initial paid-up capital (other) in Birr
24	<a href="#">p2q11tot</a>	Total initial paid-up capital	continuous	numeric-11.0	973	24	Total initial paid-up capital in Birr
25	<a href="#">p2q12etm</a>	Current paid-up capital (private Ethiopian male)	continuous	numeric-11.0	711	286	Current paid-up capital (private Ethiopian male) in Birr
26	<a href="#">p2q12etf</a>	Current paid-up capital (private Ethiopian female)	continuous	numeric-11.0	316	681	Current paid-up capital (private Ethiopian female) in Birr
27	<a href="#">p2q12net</a>	Current paid-up capital (private non-Ethiopian)	continuous	numeric-11.0	54	943	Current paid-up capital (private non-Ethiopian) in Birr
28	<a href="#">p2q12gov</a>	Current paid-up capital (public)	continuous	numeric-11.0	127	870	Current paid-up capital (public) in Birr
29	<a href="#">p2q12oth</a>	Current paid-up capital (other)	continuous	numeric-11.0	22	975	Current paid-up capital (other) in Birr
30	<a href="#">p2q12tot</a>	Total current paid-up	continuous	numeric-11.0	985	12	Total current paid-up in Birr
31	<a href="#">p2q13</a>	Number of months the establishment operated during the survey reference year	continuous	numeric-2.0	997	0	Number of months the establishment operated
32	<a href="#">p2q14a</a>	First major problem prevented the establishment operating full year	discrete	numeric-2.0	297	700	What were the three major problems prevented you from operating full year
33	<a href="#">p2q14b</a>	Second major problem prevented the establishment operating full year	discrete	numeric-2.0	195	802	What were the three major problems prevented you from operating full year
34	<a href="#">p2q14c</a>	Third major problem prevented the establishment operating full year	discrete	numeric-2.0	127	870	What were the three major problems prevented you from operating full year
35	<a href="#">p2q15</a>	Ownership of non-residential buildings	discrete	numeric-1.0	997	0	Ownership of non-residential buildings
36	<a href="#">p2q16</a>	Source of non-residential buildings	discrete	numeric-1.0	738	259	What was the source of ownership ?
37	<a href="#">p31c3t</a>	Total number of male Ethiopian employees for the month September (Meskerem)	continuous	numeric-5.0	957	40	Total number of male Ethiopian employees for the month September (Meskerem)
38	<a href="#">p31c4t</a>	Total number of female Ethiopian employees for the month September (Meskerem)	continuous	numeric-5.0	829	168	Total number of female Ethiopian employees for the month September (Meskerem)
39	<a href="#">p31c5t</a>	Total number of foreigner employees for the month September (Meskerem)	continuous	numeric-2.0	38	959	Total number of foreigner employees for the month September (Meskerem)
40	<a href="#">p31c6t</a>	Total number of male Ethiopian employees for the month December (Tahisas)	continuous	numeric-5.0	964	33	Total number of male Ethiopian employees for the month December (Tahisas)
41	<a href="#">p31c7t</a>	Total number of female Ethiopian employees for the month December (Tahisas)	continuous	numeric-5.0	834	163	Total number of female Ethiopian employees for the month December (Tahisas)

File Dataset at establishment level for 1996(2003-04)							
#	Name	Label	Type	Format	Valid	Invalid	Question
42	<a href="#">p31c8t</a>	Total number of foreigner employees for the month December (Tahisas)	continuous	numeric-2.0	38	959	Total number of foreigner employees for the month December (Tahisas)
43	<a href="#">p31c9t</a>	Total number of male Ethiopian employees for the month March (Megabit)	continuous	numeric-5.0	975	22	Total number of male Ethiopian employees for the month March (Megabit)
44	<a href="#">p31c10t</a>	Total number of female Ethiopian employees for the month March (Megabit)	continuous	numeric-5.0	846	151	Total number of female Ethiopian employees for the month March (Megabit)
45	<a href="#">p31c11t</a>	Total number of foreigner employees for the month March (Megabit)	continuous	numeric-2.0	38	959	Total number of foreigner employees for the month March (Megabit)
46	<a href="#">p31c12t</a>	Total number of male Ethiopian employees for the month June (Sene)	continuous	numeric-5.0	982	15	Total number of male Ethiopian employees for the month June (Sene)
47	<a href="#">p31c13t</a>	Total number of female Ethiopian employees for the month June (Sene)	continuous	numeric-5.0	856	141	Total number of female Ethiopian employees for the month June (Sene)
48	<a href="#">p31c14t</a>	Total number of foreigner employees for the month June (Sene)	continuous	numeric-2.0	38	959	Total number of foreigner employees for the month June (Sene)
49	<a href="#">p32c3t</a>	Total wage for male Ethiopian	continuous	numeric-8.0	967	30	Total wage for male Ethiopian
50	<a href="#">p32c4t</a>	Total wage for female Ethiopian	continuous	numeric-8.0	806	191	Total wage for female Ethiopian
51	<a href="#">p32c5t</a>	Total wage for foreigners	continuous	numeric-8.0	30	967	Total wage for foreigners
52	<a href="#">p32c6t</a>	Wage total	continuous	numeric-8.0	970	27	Wage total
53	<a href="#">p32c7t</a>	Commission, bonuses, proffional and hardship allowance	continuous	numeric-7.0	331	666	Commission, bonuses, proffional and hardship allowance
54	<a href="#">p32c8t</a>	Actual cost of the establishmnet on food, lodging, medical and other benefits provided to employees free of charge	continuous	numeric-7.0	444	553	Actual cost of the establishmnet on food, lodging, medical and other benefits provided to employees free of charge
55	<a href="#">p32c9t</a>	Establishment's contribution on behalf of employees to pension, life and casualty insurance schemes	continuous	numeric-7.0	299	698	Establishment's contribution on behalf of employees to pension, life and casualty insurance schemes
56	<a href="#">p33c3t</a>	Total number of permanent employees for salary group under 75	continuous	numeric-5.0	83	914	Total number of permanent employees for salary group under 75
57	<a href="#">p33c4t</a>	Total number of permanent employees for salary group between 75 and 105	continuous	numeric-5.0	209	788	Total number of permanent employees for salary group between 75 and 105
58	<a href="#">p33c5t</a>	Total number of permanent employees salary group between 105 and 150	continuous	numeric-5.0	342	655	Total number of permanent employees salary group between 105 and 150
59	<a href="#">p33c6t</a>	Total number of permanent employees salary group between 150 and 200	continuous	numeric-5.0	566	431	Total number of permanent employees salary group between 150 and 200



**File Dataset at establishment level for 1996(2003-04)**

#	Name	Label	Type	Format	Valid	Invalid	Question
60	<a href="#">p33c7t</a>	Total number of permanent employees salary group between 200 and 250	continuous	numeric-5.0	595	402	Total number of permanent employees salary group between 200 and 250
61	<a href="#">p33c8t</a>	Total number of permanent employees salary group between 250 and 300	continuous	numeric-5.0	617	380	Total number of permanent employees salary group between 250 and 300
62	<a href="#">p33c9t</a>	Total number of permanent employees salary group between 300 and 400	continuous	numeric-5.0	691	306	Total number of permanent employees salary group between 300 and 400
63	<a href="#">p33c10t</a>	Total number of permanent employees salary group between 400 and 500	continuous	numeric-5.0	622	375	Total number of permanent employees salary group between 400 and 500
64	<a href="#">p33c11t</a>	Total number of permanent employees salary group between 500 and 700	continuous	numeric-5.0	632	365	Total number of permanent employees salary group between 500 and 700
65	<a href="#">p33c12t</a>	Total number of permanent employees salary group between 700 and 1000	continuous	numeric-5.0	505	492	Total number of permanent employees salary group between 700 and 1000
66	<a href="#">p33c13t</a>	Total number of permanent employees salary group between 1000 and 1500	continuous	numeric-5.0	425	572	Total number of permanent employees salary group between 1000 and 1500
67	<a href="#">p33c14t</a>	Total number of permanent employees salary group between 1500 and 2000	continuous	numeric-5.0	293	704	Total number of permanent employees salary group between 1500 and 2000
68	<a href="#">p33c15t</a>	Total number of permanent employees salary group over 2000	continuous	numeric-4.0	278	719	Total number of permanent employees salary group over 2000
69	<a href="#">p33c16t</a>	Total number of permanent employees	continuous	numeric-5.0	967	30	Total number of permanent employees
70	<a href="#">p41c8t</a>	Total value of production	continuous	numeric-9.0	977	20	Total value of production
71	<a href="#">p41c10t</a>	Total sales value	continuous	numeric-9.0	975	22	Total sales value
72	<a href="#">p41c12t</a>	Total value of exported sales	continuous	numeric-9.0	47	950	Total value of exported sales
73	<a href="#">p42c2</a>	Value of contract workdone for other by their materials	continuous	numeric-8.0	104	893	Value of contract workdone for other by their materials
74	<a href="#">p42c3</a>	Receipt for repair and maintenance work done for others	continuous	numeric-8.0	82	915	Receipt for repair and maintenance work done for others
75	<a href="#">p42c4</a>	Receipts of products bought and resold without further processing	continuous	numeric-9.0	108	889	Receipts of products bought and resold without further processing
76	<a href="#">p42c5</a>	Value of capital goods produced by own employees and materials for own use	continuous	numeric-8.0	25	972	Value of capital goods produced by own employees and materials for own use
77	<a href="#">p42c6</a>	Interest received	continuous	numeric-7.0	40	957	Interest received
78	<a href="#">p42c7</a>	Rental income from lease of machinery and equipment	continuous	numeric-7.0	97	900	Rental income from lease of machinery and equipment
79	<a href="#">p42c8</a>	Insurance claims	continuous	numeric-9.0	7	990	Insurance claims
80	<a href="#">p42c9</a>	Subsidy	continuous	numeric-8.0	7	990	Subsidy

File Dataset at establishment level for 1996(2003-04)							
#	Name	Label	Type	Format	Valid	Invalid	Question
81	<a href="#">p42c10</a>	Other income	continuous	numeric-8.0	489	508	Other income
82	<a href="#">p42c11</a>	Total value of services and other receipts	continuous	numeric-9.0	610	387	Total value of services and other receipts
83	<a href="#">p61c7t</a>	Total value of local raw materials	continuous	numeric-9.0	870	127	Total value of local raw materials
84	<a href="#">p61c9t</a>	Total value of Imported raw materials	continuous	numeric-9.0	709	288	Total value of Imported raw materials
85	<a href="#">p61c11t</a>	Value of total raw materials	continuous	numeric-9.0	995	2	Value of total raw materials
86	<a href="#">p62c6t</a>	Total value of fuel and lubricating oil	continuous	numeric-9.0	634	363	Total value of fuel and lubricating oil
87	<a href="#">p62c7t</a>	Electricity consumption in KWH	continuous	numeric-9.0	154	843	Electricity consumption in KWH
88	<a href="#">p62c8t</a>	Value of electricity consumed	continuous	numeric-9.0	985	12	Value of electricity consumed
89	<a href="#">p62c9t</a>	Wood and charcoal for energy	continuous	numeric-9.0	64	933	Wood and charcoal for energy
90	<a href="#">p62c10t</a>	Value for water consumed	continuous	numeric-7.0	744	253	Value for water consumed
91	<a href="#">p62c11t</a>	Cost of contract work done by others for the establishment	continuous	numeric-8.0	855	142	Cost of contract work done by others for the establishment
92	<a href="#">p62c12t</a>	Cost of goods bought and resold	continuous	numeric-9.0	103	894	Cost of goods bought and resold
93	<a href="#">p62c13t</a>	Cost of repair and maintenance	continuous	numeric-8.0	39	958	Cost of repair and maintenance
94	<a href="#">p62c14t</a>	Total value of other inputs	continuous	numeric-9.0	997	0	Total value of other inputs
95	<a href="#">p63c2</a>	License fee	continuous	numeric-9.0	767	230	License fee
96	<a href="#">p63c3</a>	Advertising	continuous	numeric-8.0	419	578	Advertising
97	<a href="#">p63c4</a>	Stationary, telephone and mailing expenses	continuous	numeric-8.0	961	36	Stationary, telephone and mailing expenses
98	<a href="#">p63c5</a>	Payment for accounting, legal commission, etc..	continuous	numeric-9.0	406	591	Payment for accounting, legal commission, etc..
99	<a href="#">p63c6</a>	Transport cost	continuous	numeric-9.0	797	200	Transport cost
100	<a href="#">p63c7</a>	Interest payments	continuous	numeric-9.0	326	671	Interest payments
101	<a href="#">p63c8</a>	Bank charges	continuous	numeric-9.0	434	563	Bank charges
102	<a href="#">p63c9</a>	Dividend payments	continuous	numeric-9.0	27	970	Dividend payments
103	<a href="#">p63c10</a>	Rent payable for rental of structures and equipment	continuous	numeric-9.0	481	516	Rent payable for rental of structures and equipment
104	<a href="#">p63c11</a>	Insurance premium on property	continuous	numeric-9.0	490	507	Insurance premium on property
105	<a href="#">p63c12</a>	Amortization	continuous	numeric-9.0	95	902	Amortization
106	<a href="#">p63c13</a>	Others non-industrials costs	continuous	numeric-9.0	776	221	Others non-industrials costs
107	<a href="#">p63c14</a>	Total value of other non-industrial expenses	continuous	numeric-10.0	992	5	Total value of other non-industrial expenses
108	<a href="#">p64c2</a>	Value added tax	continuous	numeric-9.0	517	480	Value added tax
109	<a href="#">p64c3</a>	Indirect taxes payments	continuous	numeric-9.0	334	663	Indirect taxes payments

File Dataset at establishment level for 1996(2003-04)							
#	Name	Label	Type	Format	Valid	Invalid	Question
110	<a href="#">p64c4</a>	Ex-tax	continuous	numeric-9.0	61	936	Ex-tax
111	<a href="#">p64c5</a>	TOT tax	continuous	numeric-9.0	514	483	TOT tax
112	<a href="#">p64c6</a>	Income tax paid on profit	continuous	numeric-9.0	65	932	Income tax paid on profit
113	<a href="#">p64c7</a>	Total taxes paid	continuous	numeric-9.0	937	60	Total taxes paid
114	<a href="#">p71c3t</a>	Total book value of the fixed assets at beginning of the year	continuous	numeric-9.0	977	20	Total book value of the fixed assets at beginning of the year
115	<a href="#">p71c4t</a>	Total investment for purchase and capital repair of fixed assets	continuous	numeric-9.0	485	512	Total investment for purchase and capital repair of fixed assets
116	<a href="#">p71c5t</a>	Total sold and disposed during the year	continuous	numeric-8.0	90	907	Total sold and disposed during the year
117	<a href="#">p71c6t</a>	Total depreciation during the year	continuous	numeric-8.0	959	38	Total depreciation during the year
118	<a href="#">p71c7t</a>	Total book value of the fixed assets at end of the year	continuous	numeric-9.0	994	3	Total book value of the fixed assets at end of the year
119	<a href="#">p72c3t</a>	Total investment on fixed assets	continuous	numeric-9.0	485	512	Total investment on fixed assets
120	<a href="#">p72c4t</a>	Total working capital	continuous	numeric-9.0	997	0	Total working capital
121	<a href="#">p81c7t</a>	Total value of production (if working at full capacity) at market price	continuous	numeric-11.0	981	16	Total value of production (if working at full capacity) at market price
122	<a href="#">p82c7t</a>	Total value of local raw materials (if working at full capacity)	continuous	numeric-9.0	855	142	Total value of local raw materials (if working at full capacity)
123	<a href="#">p82c9t</a>	Total value of imported raw materials (if working at full capacity)	continuous	numeric-9.0	679	318	Total value of imported raw materials (if working at full capacity)
124	<a href="#">p82c11t</a>	Total value of estimated raw materials (if working at full capacity)	continuous	numeric-9.0	987	10	Total value of estimated raw materials (if working at full capacity)
125	<a href="#">p83</a>	Percentage as compared to the factory's production at full capacity	continuous	numeric-3.0	983	14	What is the percentage of the production as compared to the factory's production at full capacity
126	<a href="#">p84a</a>	Three major problems that prevented operating with full capacity (1)	discrete	numeric-1.0	905	92	What were the three major problems that prevented the establishment from operating with full capacity
127	<a href="#">p84b</a>	Three major problems that prevented operating with full capacity (2)	discrete	numeric-1.0	683	314	What were the three major problems that prevented the establishment from operating with full capacity
128	<a href="#">p84c</a>	Three major problems that prevented operating with full capacity (3)	discrete	numeric-1.0	441	556	What were the three major problems that prevented the establishment from operating with full capacity
129	<a href="#">p85</a>	Reason for lack of market	discrete	numeric-1.0	618	379	What is the major reason of lack of market
130	<a href="#">p86</a>	Factory made attempt to take loan	discrete	numeric-1.0	256	741	Did the organization try to get loan from borrowers to solve the problem of working capital ?
131	<a href="#">p87a</a>	Reason for not solving the loan problem (1)	discrete	numeric-1.0	173	824	Why the problem of working capital is not solved ?

**File Dataset at establishment level for 1996(2003-04)**

#	Name	Label	Type	Format	Valid	Invalid	Question
132	<a href="#">p87b</a>	Reason for not solving the loan problem (2)	discrete	numeric-1.0	17	980	Why the problem of working capital is not solved ?
133	<a href="#">p88a</a>	First major problem faced the establishment at present	discrete	numeric-2.0	968	29	What are the three major problems that are facing the establishment at present ?
134	<a href="#">p88b</a>	Second major problem faced the establishment at present	discrete	numeric-2.0	691	306	What are the three major problems that are facing the establishment at present ?
135	<a href="#">p88c</a>	Third major problem faced the establishment at present	discrete	numeric-2.0	469	528	What are the three major problems that are facing the establishment at present ?
136	<a href="#">p89</a>	Faced problems during export	discrete	numeric-1.0	122	875	If the factory exports, is there any problem faced ?
137	<a href="#">p810a</a>	Problem faced during export (1)	continuous	numeric-1.0	8	989	Three main problems faced during export(in order of their degree of problem)
138	<a href="#">p810b</a>	Problem faced during export (2)	continuous	numeric-1.0	0	997	Three main problems faced during export(in order of their degree of problem)
139	<a href="#">p810c</a>	Problem faced during export (3)	continuous	numeric-1.0	0	997	Three main problems faced during export(in order of their degree of problem)
140	<a href="#">p811</a>	Reason for using imported raw materials	continuous	numeric-1.0	658	339	Reason for using imported raw materials

**File Number of persons engaged (part31)**

#	Name	Label	Type	Format	Valid	Invalid	Question
1	<a href="#">eid</a>	Enterprise id	discrete	numeric-8.0	2894	0	-
2	<a href="#">region</a>	Region code	discrete	numeric-2.0	2894	0	Region code
3	<a href="#">srefyear</a>	Survey reference year	discrete	numeric-4.0	2894	0	Survey reference year
4	<a href="#">isic</a>	International standard industrial classification (ISIC)	discrete	numeric-4.0	2894	0	International standard industrial classification (ISIC)
5	<a href="#">p31c1</a>	General occupation	discrete	numeric-1.0	2894	0	General occupation
6	<a href="#">p31c3</a>	Number of male Ethiopian employees for the month September (Meskerem)	continuous	numeric-5.0	2127	767	Number of male Ethiopian employees for the month September (Meskerem)
7	<a href="#">p31c4</a>	Number of female Ethiopian employees for the month September (Meskerem)	continuous	numeric-5.0	1398	1496	Number of female Ethiopian employees for the month September (Meskerem)
8	<a href="#">p31c5</a>	Number of foreigner employees for the month September (Meskerem)	continuous	numeric-2.0	41	2853	Number of foreigner employees for the month September (Meskerem)
9	<a href="#">p31c6</a>	Number of male Ethiopian employees for the month December (Tahisas)	continuous	numeric-5.0	2136	758	Number of male Ethiopian employees for the month December (Tahisas)
10	<a href="#">p31c7</a>	Number of female Ethiopian employees for the month December (Tahisas)	continuous	numeric-5.0	1401	1493	Number of female Ethiopian employees for the month December (Tahisas)

**File Number of persons engaged (part31)**

#	Name	Label	Type	Format	Valid	Invalid	Question
11	<a href="#">p31c8</a>	Number of foreigner employees for the month December (Tahisas)	continuous	numeric-2.0	41	2853	Number of foreigner employees for the month December (Tahisas)
12	<a href="#">p31c9</a>	Number of male Ethiopian employees for the month March (Megabit)	continuous	numeric-5.0	2161	733	Number of male Ethiopian employees for the month March (Megabit)
13	<a href="#">p31c10</a>	Number of female Ethiopian employees for the month March (Megabit)	continuous	numeric-5.0	1423	1471	Number of female Ethiopian employees for the month March (Megabit)
14	<a href="#">p31c11</a>	Number of foreigner employees for the month March (Megabit)	continuous	numeric-2.0	41	2853	Number of foreigner employees for the month March (Megabit)
15	<a href="#">p31c12</a>	Number of male Ethiopian employees for the month June (Sene)	continuous	numeric-5.0	2184	710	Number of male Ethiopian employees for the month June (Sene)
16	<a href="#">p31c13</a>	Number of female Ethiopian employees for the month June (Sene)	continuous	numeric-5.0	1442	1452	Number of female Ethiopian employees for the month June (Sene)
17	<a href="#">p31c14</a>	Number of foreigner employees for the month June (Sene)	continuous	numeric-2.0	41	2853	Number of foreigner employees for the month June (Sene)
18	<a href="#">p31c15</a>	Persons per month	continuous	numeric-6.0	582	2312	Persons per month
19	<a href="#">p31c16</a>	Wage for temporary workers	continuous	numeric-8.0	583	2311	Wage for temporary workers

**File Wages and salaries and other employee benefits paid (part32)**

#	Name	Label	Type	Format	Valid	Invalid	Question
1	<a href="#">eid</a>	Enterprise id	discrete	numeric-8.0	1922	0	Enterprise id
2	<a href="#">region</a>	Region code	discrete	numeric-2.0	1922	0	Region code
3	<a href="#">srefyear</a>	Survey reference year	discrete	numeric-4.0	1922	0	Survey reference year
4	<a href="#">isic</a>	International standard industrial classification (ISIC)	discrete	numeric-4.0	1922	0	International standard industrial classification (ISIC)
5	<a href="#">p32c1</a>	General occupation	discrete	numeric-1.0	1922	0	General occupation
6	<a href="#">p32c3</a>	Wage for male Ethiopian	continuous	numeric-8.0	1828	94	Wage for male Ethiopian
7	<a href="#">p32c4</a>	Wage for female Ethiopian	continuous	numeric-8.0	1293	629	Wage for female Ethiopian
8	<a href="#">p32c5</a>	Wage for foreigners	continuous	numeric-8.0	31	1891	Wage for foreigners
9	<a href="#">p32c6</a>	Wage total	continuous	numeric-8.0	1872	50	Wage total
10	<a href="#">p32c7</a>	Commission, bonuses, proffional and hardship allowance	continuous	numeric-7.0	0	1922	Commission, bonuses, proffional and hardship allowance
11	<a href="#">p32c8</a>	Actual cost of the establishmnet on food, lodging, medical and other benefits provided to employees free of charge	continuous	numeric-7.0	1	1921	Actual cost of the establishmnet on food, lodging, medical and other benefits provided to employees free of charge
12	<a href="#">p32c9</a>	Establishments contribution on behalf of employees to pension, life	continuous	numeric-7.0	1	1921	Establishments contribution on behalf of employees to pension, life and casualty insurance schemes

**File Wages and salaries and other employee benefits paid (part32)**

#	Name	Label	Type	Format	Valid	Invalid	Question
		and casualty insurance schemes					
13	<a href="#">p32c10</a>	No of shifts	continuous	numeric-1.0	657	1265	Number of shifts
14	<a href="#">p32c11</a>	No of hours per day	continuous	numeric-2.0	570	1352	Number of hours per day
15	<a href="#">p32c12</a>	Months	continuous	numeric-2.0	520	1402	Months
16	<a href="#">p32c13</a>	No of workers per shift	continuous	numeric-5.0	600	1322	Number of workers per shift

**File Number of permanent employees by basic salary group (part33)**

#	Name	Label	Type	Format	Valid	Invalid	Question
1	<a href="#">eid</a>	Enterprise id	discrete	numeric-8.0	1773	0	Enterprise id
2	<a href="#">region</a>	Region code	discrete	numeric-2.0	1773	0	Region code
3	<a href="#">srefyear</a>	Survey reference year	discrete	numeric-4.0	1773	0	Survey reference year
4	<a href="#">isic</a>	International standard industrial classification (ISIC)	discrete	numeric-4.0	1773	0	International standard industrial classification (ISIC)
5	<a href="#">p33c1</a>	Sex	discrete	numeric-1.0	1773	0	Sex of permanent employees
6	<a href="#">p33c3</a>	Number of permanent employees with salary group under 75	continuous	numeric-5.0	99	1674	Number of permanent employees with salary group under 75
7	<a href="#">p33c4</a>	Number of permanent employees with salary group between 75 and 105	continuous	numeric-5.0	271	1502	Number of permanent employees with salary group between 75 and 105
8	<a href="#">p33c5</a>	Number of permanent employees with salary group between 105 and 150	continuous	numeric-5.0	464	1309	Number of permanent employees with salary group between 105 and 150
9	<a href="#">p33c6</a>	Number of permanent employees with salary group between 150 and 200	continuous	numeric-5.0	828	945	Number of permanent employees with salary group between 150 and 200
10	<a href="#">p33c7</a>	Number of permanent employees with salary group between 200 and 250	continuous	numeric-5.0	884	889	Number of permanent employees with salary group between 200 and 250
11	<a href="#">p33c8</a>	Number of permanent employees with salary group between 250 and 300	continuous	numeric-5.0	887	886	Number of permanent employees with salary group between 250 and 300
12	<a href="#">p33c9</a>	Number of permanent employees with salary group between 300 and 400	continuous	numeric-5.0	1046	727	Number of permanent employees with salary group between 300 and 400
13	<a href="#">p33c10</a>	Number of permanent employees with salary group between 400 and 500	continuous	numeric-5.0	928	845	Number of permanent employees with salary group between 400 and 500
14	<a href="#">p33c11</a>	Number of permanent employees with salary group between 500 and 700	continuous	numeric-5.0	946	827	Number of permanent employees with salary group between 500 and 700

**File Number of permanent employees by basic salary group (part33)**

#	Name	Label	Type	Format	Valid	Invalid	Question
15	<a href="#">p33c12</a>	Number of permanent employees with salary group between 700 and 1000	continuous	numeric-5.0	764	1009	Number of permanent employees with salary group between 700 and 1000
16	<a href="#">p33c13</a>	Number of permanent employees with salary group between 1000 and 1500	continuous	numeric-5.0	618	1155	Number of permanent employees with salary group between 1000 and 1500
17	<a href="#">p33c14</a>	Number of permanent employees with salary group between 1500 and 2000	continuous	numeric-5.0	397	1376	Number of permanent employees with salary group between 1500 and 2000
18	<a href="#">p33c15</a>	Number of permanent employees with salary group over 2000	continuous	numeric-4.0	364	1409	Number of permanent employees with salary group over 2000
19	<a href="#">p33c16</a>	Total number of permanent employees	continuous	numeric-5.0	1773	0	Total number of permanent employees

**File Products and by-products (part41)**

#	Name	Label	Type	Format	Valid	Invalid	Question
1	<a href="#">eid</a>	Enterprise id	discrete	numeric-8.0	4197	0	Enterprise id
2	<a href="#">region</a>	Region code	discrete	numeric-2.0	4197	0	Region code
3	<a href="#">srefyear</a>	Survey reference year	discrete	numeric-4.0	4197	0	Survey reference year
4	<a href="#">isic</a>	International standard industrial classification (ISIC)	discrete	numeric-4.0	4197	0	International standard industrial classification (ISIC)
5	<a href="#">p41c1</a>	Serial number for list of principal products	discrete	numeric-2.0	4197	0	Serial number for list of principal products
6	<a href="#">p41c4</a>	Product code	discrete	numeric-5.0	1936	2261	Product code
7	<a href="#">p41c5</a>	Unit measurement code	discrete	numeric-2.0	2043	2154	Unit measurement code
8	<a href="#">p41c6</a>	Average sales per unit	continuous	numeric-9.0	3744	453	Average sales per unit
9	<a href="#">p41c7</a>	Quantity produced	continuous	numeric-9.0	3715	482	Quantity produced
10	<a href="#">p41c8</a>	Value of production	continuous	numeric-9.0	4125	72	Value of production
11	<a href="#">p41c9</a>	Total sales quantity	continuous	numeric-9.0	3726	471	Total sales quantity
12	<a href="#">p41c10</a>	Total sales value	continuous	numeric-9.0	4161	36	Total sales value
13	<a href="#">p41c11</a>	Exported sales quantity	continuous	numeric-9.0	94	4103	Exported sales quantity
14	<a href="#">p41c12</a>	Exported sales value	continuous	numeric-9.0	99	4098	Exported sales value

**File Value of stocks (part5)**

#	Name	Label	Type	Format	Valid	Invalid	Question
1	<a href="#">eid</a>	Enterprise id	discrete	numeric-8.0	1691	0	Enterprise id
2	<a href="#">region</a>	Region code	discrete	numeric-2.0	1691	0	Region code
3	<a href="#">srefyear</a>	Survey reference year	discrete	numeric-4.0	1691	0	Survey reference year
4	<a href="#">isic</a>	International standard industrial classification (ISIC)	discrete	numeric-4.0	1691	0	International standard industrial classification (ISIC)



**File Value of stocks (part5)**

#	Name	Label	Type	Format	Valid	Invalid	Question
5	<a href="#">p5c1</a>	Type of stock	discrete	numeric-1.0	1690	1	Type of stock
6	<a href="#">p5c3</a>	Stocks at the beginning of the year	continuous	numeric-11.0	1457	234	Stocks value at the beginning of the year
7	<a href="#">p5c4</a>	Stocks at the end of the year	continuous	numeric-9.0	1625	66	Stocks value at the end of the year
8	<a href="#">p5c5</a>	Stocks difference (end - beginning)	continuous	numeric-9.0	1639	52	Stocks value difference (end - beginning)

**File Cost and quantity of raw materials, parts and containers used (part61)**

#	Name	Label	Type	Format	Valid	Invalid	Question
1	<a href="#">eid</a>	Enterprise id	discrete	numeric-8.0	5550	0	-
2	<a href="#">region</a>	Region code	discrete	numeric-2.0	5550	0	-
3	<a href="#">srefyear</a>	Survey reference year	discrete	numeric-4.0	5550	0	-
4	<a href="#">isic</a>	International standard industrial classification (ISIC)	discrete	numeric-4.0	5550	0	-
5	<a href="#">p61c1</a>	Serial number for list of principal raw materials	discrete	numeric-2.0	5550	0	-
6	<a href="#">p61c4</a>	Raw material code	discrete	numeric-4.0	2118	3432	-
7	<a href="#">p61c5</a>	Unit of measurement code for raw material	discrete	numeric-2.0	2279	3271	-
8	<a href="#">p61c6</a>	Local raw materials quantity	continuous	numeric-7.0	2491	3059	-
9	<a href="#">p61c7</a>	Local raw materials value	continuous	numeric-9.0	3161	2389	-
10	<a href="#">p61c8</a>	Imported raw materials quantity	continuous	numeric-7.0	2043	3507	-
11	<a href="#">p61c9</a>	Imported raw materials value	continuous	numeric-9.0	2720	2830	-
12	<a href="#">p61c10</a>	Quantity of total raw materials	continuous	numeric-7.0	4407	1143	-
13	<a href="#">p61c11</a>	Value of total raw materials	continuous	numeric-9.0	5540	10	-

**File Other industrial costs (part62)**

#	Name	Label	Type	Format	Valid	Invalid	Question
1	<a href="#">eid</a>	Enterprise id	discrete	numeric-8.0	960	0	Enterprise id
2	<a href="#">region</a>	Region code	discrete	numeric-2.0	960	0	Region code
3	<a href="#">srefyear</a>	Survey reference year	discrete	numeric-4.0	960	0	Survey reference year
4	<a href="#">isic</a>	International standard industrial classification (ISIC)	discrete	numeric-4.0	960	0	International standard industrial classification (ISIC)
5	<a href="#">p62c1</a>	Serial number for list of other industrial costs	discrete	numeric-1.0	960	0	Serial number for list of other industrial costs
6	<a href="#">p62c4</a>	Unit measurement	continuous	numeric-2.0	277	683	Unit measurement
7	<a href="#">p62c5</a>	Quantity of other inputs	continuous	numeric-9.0	588	372	Quantity of other inputs



**File Other industrial costs (part62)**

#	Name	Label	Type	Format	Valid	Invalid	Question
8	<a href="#">p62c6</a>	Value of fuel and lubricating oil	continuous	numeric-9.0	953	7	Value of fuel and lubricating oil

**File Type and value of fixed assets (part71)**

#	Name	Label	Type	Format	Valid	Invalid	Question
1	<a href="#">eid</a>	Enterprise id	discrete	numeric-8.0	3164	0	Enterprise id
2	<a href="#">region</a>	Region code	discrete	numeric-2.0	3164	0	Region code
3	<a href="#">srefyear</a>	Survey reference year	discrete	numeric-4.0	3164	0	Survey reference year
4	<a href="#">isic</a>	International standard industrial classification (ISIC)	discrete	numeric-4.0	3164	0	International standard industrial classification (ISIC)
5	<a href="#">p71c1</a>	Type of fixed assets	discrete	numeric-1.0	3164	0	Type of fixed assets
6	<a href="#">p71c3</a>	Book value of the fixed assets at beginning of the year	continuous	numeric-9.0	3064	100	Book value of the fixed assets at beginning of the year
7	<a href="#">p71c4</a>	Investment for purchase and capital repair of fixed assets	continuous	numeric-9.0	1042	2122	Investment for purchase and capital repair of fixed assets
8	<a href="#">p71c5</a>	Sold and disposed during the year	continuous	numeric-8.0	156	3008	Sold and disposed during the year
9	<a href="#">p71c6</a>	Depreciation during the year	continuous	numeric-8.0	2965	199	Depreciation during the year
10	<a href="#">p71c7</a>	Book value of the fixed assets at end of the year	continuous	numeric-9.0	3156	8	Book value of the fixed assets at end of the year

**File Annual investment by type and source (part72)**

#	Name	Label	Type	Format	Valid	Invalid	Question
1	<a href="#">eid</a>	Enterprise id	discrete	numeric-8.0	2164	0	-
2	<a href="#">region</a>	Region code	discrete	numeric-2.0	2164	0	-
3	<a href="#">srefyear</a>	Survey reference year	discrete	numeric-4.0	2164	0	-
4	<a href="#">isic</a>	International standard industrial classification (ISIC)	discrete	numeric-4.0	2164	0	-
5	<a href="#">p72c1</a>	Source of financing	discrete	numeric-1.0	2164	0	-
6	<a href="#">p72c3</a>	Investment on fixed assets	continuous	numeric-9.0	996	1168	-
7	<a href="#">p72c4</a>	Working capital	continuous	numeric-9.0	2135	29	-

**File Annual production at full capacity (part81)**

#	Name	Label	Type	Format	Valid	Invalid	Question
1	<a href="#">eid</a>	Enterprise id	discrete	numeric-8.0	4005	0	-
2	<a href="#">region</a>	Region code	discrete	numeric-2.0	4005	0	Region code
3	<a href="#">srefyear</a>	Survey reference year	discrete	numeric-4.0	4005	0	Survey reference year

**File Annual production at full capacity (part81)**

#	Name	Label	Type	Format	Valid	Invalid	Question
4	<a href="#">isic</a>	International standard industrial classification (ISIC)	discrete	numeric-4.0	4005	0	International standard industrial classification (ISIC)
5	<a href="#">p81c1</a>	Serial number for products description	discrete	numeric-2.0	4005	0	Serial number for products description
6	<a href="#">p81c4</a>	Product code	discrete	numeric-5.0	1824	2181	Product code that would be produced if the establishment operate at full capacity
7	<a href="#">p81c5</a>	Unit measurment	discrete	numeric-2.0	1924	2081	Unit measurment of quantity of product
8	<a href="#">p81c6</a>	Quantity of product that can be produced annually	continuous	numeric-11.0	3609	396	Quantity of product that can be produced annually at full capacity
9	<a href="#">p81c7</a>	Value of production at market price	continuous	numeric-11.0	4002	3	Value of production at market price

**File Estimate value and quantity of raw materials needed at full capacity (part82)**

#	Name	Label	Type	Format	Valid	Invalid	Question
1	<a href="#">eid</a>	Enterprise id	discrete	numeric-8.0	4414	0	Enterprise id
2	<a href="#">region</a>	Region code	discrete	numeric-2.0	4414	0	Region code
3	<a href="#">srefyear</a>	Survey reference year	discrete	numeric-4.0	4414	0	Survey reference year
4	<a href="#">isic</a>	International standard industrial classification (ISIC)	discrete	numeric-4.0	4414	0	International standard industrial classification (ISIC)
5	<a href="#">p82c1</a>	Serial number for raw material list	discrete	numeric-1.0	4414	0	Serial number for raw material list
6	<a href="#">p82c4</a>	Raw material code	discrete	numeric-4.0	1927	2487	Raw material code
7	<a href="#">p82c5</a>	Unit of measurment	discrete	numeric-2.0	2034	2380	Unit of measurment of quantity of raw material
8	<a href="#">p82c6</a>	Quantity of local raw materials	continuous	numeric-9.0	2091	2323	Quantity of local raw materials
9	<a href="#">p82c7</a>	Value of local raw materials	continuous	numeric-9.0	2645	1769	Value of local raw materials
10	<a href="#">p82c8</a>	Quantity of imported raw materials	continuous	numeric-9.0	1629	2785	Quantity of imported raw materials
11	<a href="#">p82c9</a>	Value of imported raw materials	continuous	numeric-9.0	2112	2302	Value of imported raw materials
12	<a href="#">p82c10</a>	Total quantity of estimated raw materials	continuous	numeric-9.0	3621	793	Total quantity of estimated raw materials
13	<a href="#">p82c11</a>	Total value of estimated raw materials	continuous	numeric-9.0	4413	1	Total value of estimated raw materials

# Variables Description

Dataset contains 276 variable(s)

## File Dataset at establishment level for 1996(2003-04)

### #1 eid: Enterprise id

Information	[Type= discrete] [Format=numeric] [Range= 15110002-36109205] [Missing=*]
Statistics [NW/ W]	[Valid=997 /-] [Invalid=0 /-]
Literal question	Enterprise id
Recoding and Derivation	This variable is derived by combining two variables, i.e. ISIC and establishment. The enterprise id is unique for each questionnaire.

### #2 region: Region code

Information	[Type= discrete] [Format=numeric] [Range= 1-15] [Missing=*]
Statistics [NW/ W]	[Valid=997 /-] [Invalid=0 /-]
Literal question	Region code

Value	Label	Cases	Percentage
1	Tigray	65	6.5%
2	Afar	6	0.6%
3	Amhara	103	10.3%
4	Oromiya	152	15.2%
5	Somali	6	0.6%
6	Benishabgul gumuz	0	0.0%
7	SNNPR	82	8.2%
12	Gambella	2	0.2%
13	Harari	13	1.3%
14	Addis Ababa	545	54.7%
15	Dire Dawa	23	2.3%

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

### #3 srefyear: Survey reference year

Information	[Type= discrete] [Format=numeric] [Range= 1996-1996] [Missing=*]
Statistics [NW/ W]	[Valid=997 /-] [Invalid=0 /-]
Literal question	Survey reference year

Value	Label	Cases	Percentage
1996	1996 E.C (2003-2004)	997	100.0%

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

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

Information	[Type= discrete] [Format=numeric] [Range= 1511-3610] [Missing=*]
Statistics [NW/ W]	[Valid=997 /-] [Invalid=0 /-]
Literal question	International standard industrial classification (ISIC)

Value	Label	Cases	Percentage
1511	Production, processing and preserving of meat, fruit and veg	7	0.7%
1514	manufacture of edible oil	27	2.7%
1520	Manufacture of dairy products	3	0.3%
1531	Manufacture of flour	75	7.5%
1533	Manufacture of animal feed	4	0.4%

## File Dataset at establishment level for 1996(2003-04)

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

Value	Label	Cases	Percentage
1541	manufacture of bakery	120	12.0%
1542	Manufacture of sugar and confecionary	12	1.2%
1544	manufacture of pasta and macaroni	6	0.6%
1549	Manufacture of food NEC	12	1.2%
1551	Distiling rectifying and blending of spirit	9	0.9%
1552	Manufacture of wine	1	0.1%
1553	Malt liquores and malt	7	0.7%
1554	Manufacture of soft drinks	11	1.1%
1600	Manufacture of tobacco	1	0.1%
1710	spining , weaving and finishing	28	2.8%
1723	Manufacture of cordage rope and twine	2	0.2%
1730	Kniting mills	8	0.8%
1810	manufacture of wearing apparal except fur	35	3.5%
1910	Tanning and dressing of leather	17	1.7%
1920	manufacture of footwear	45	4.5%
2000	Manufacture wood and wood products	20	2.0%
2100	Manufacture of paper and paper products	7	0.7%
2200	Publishing and printing services	66	6.6%
2411	Manufacture of basic chemicals except fertilizers	6	0.6%
2421		1	0.1%
2422	Manufacture of paints varnishes	8	0.8%
2423	Manufacture of phrmaceuticals, medicinial	6	0.6%
2424	Manufacture of soap detregents, perfumes..	18	1.8%
2429	Manufacture of chemical productsNEC	6	0.6%
2510	Manufacture of rubber	4	0.4%
2520	Manufacture of plastics	38	3.8%
2610	Manufacture of glass and glass products	2	0.2%
2693	Manufacture of structural clay products	4	0.4%
2694	Manufacture of cement ,lime and plaster	8	0.8%
2695	Manufacture of articles of concrete, cement	85	8.5%
2699	Manufacture of non-metalic NEC	20	2.0%
2710	Manufacture of basic iron and steel	13	1.3%
2811	Manufacture of structural metal products	43	4.3%
2892	Manufacture of cuttlery hand tools....	11	1.1%
2893	Manufacture of other fabricated metal products	8	0.8%
2899	Manufacture of pumps,compressors, valves and taps	11	1.1%
2914	Manufacture of ovens	5	0.5%
2925	Manufacture of other general purpose machnery	4	0.4%
3140	Manufacture of battries	1	0.1%
3420	manufacture of bodies for mothor vechiles	5	0.5%
3430	manufacture of parts and accessaries	2	0.2%
3610	Manufacture of furniture	165	16.5%

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

## File Dataset at establishment level for 1996(2003-04)

### #5 hregion: Region code for head office

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-15] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=108 /-] [Invalid=889 /-]
<b>Pre-question</b>	If address of head office separate from factory
<b>Literal question</b>	Region code for head office

Value	Label	Cases	Percentage
1	Tigray	8	7.4%
2	Afar	1	0.9%
3	Amhara	2	1.9%
4	Oromiya	2	1.9%
5	Somali	0	0.0%
6	Benishabgul gumuz	0	0.0%
7	SNNPR	2	1.9%
12	Gambella	1	0.9%
13	Harari	0	0.0%
14	Addis Ababa	91	84.3%
15	Dire Dawa	1	0.9%
Sysmiss		889	

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

### #6 p2q2: Number of establishment

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 1-8] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=72 /-] [Invalid=925 /-] [Mean=1.556 /-] [StdDev=1.299 /-]
<b>Literal question</b>	If multi-establishment enterprise, number of establishment

### #7 p2q3m: Month of commencement

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 1-13] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=921 /-] [Invalid=76 /-] [Mean=5.903 /-] [StdDev=3.506 /-]
<b>Literal question</b>	Month of commencement of operation (in Ethiopian calendar year)

### #8 p2q3f: Year of commencement

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 1905-1996] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=989 /-] [Invalid=8 /-] [Mean=1980.72 /-] [StdDev=15.337 /-]
<b>Literal question</b>	Year of commencement of operation (in Ethiopian calendar year)

### #9 p2q4: Keep books of accounts

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=997 /-] [Invalid=0 /-]
<b>Literal question</b>	Do you keep books of accounts ? (if yes attach detailed statement of accounts)

Value	Label	Cases	Percentage
1	It has full book of accounts	568	57.0%
2	It has only income and expenditure list	156	15.6%
3	It has on any book of account	273	27.4%

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.

## File Dataset at establishment level for 1996(2003-04)

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

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-4] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=577 /-] [Invalid=420 /-]		
<b>Pre-question</b>	If the answer is yes for "Do you keep books of accounts ?"		
<b>Literal question</b>	State according to which calendar year your accounts and books are being kept		
Value	Label	Cases	Percentage
1	Ethiopian fiscal year (ending July 7)	529	91.7%
2	Ethiopian calendar (ending Sept. 10)	9	1.6%
3	Gregorian calendar (ending Dec. 31)	34	5.9%
4	Other	5	0.9%
Sysmiss		420	

*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 p2q6: Type of ownership

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=997 /-] [Invalid=0 /-]		
<b>Literal question</b>	Type of ownership of the establishment		
Value	Label	Cases	Percentage
1	Private or co-operative	860	86.3%
2	Public	129	12.9%
3	Public or private	8	0.8%

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

### #12 p2q7: Ownership transferred from public to private

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=872 /-] [Invalid=125 /-]		
<b>Pre-question</b>	If the answer for "Type of ownership of the establishment" is code 1 or code 3		
<b>Literal question</b>	Is the factory's ownership transferred from public to private ?		
Value	Label	Cases	Percentage
1	Yes	39	4.5%
2	No	833	95.5%
Sysmiss		125	

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

### #13 p2q8m: Month of ownership transferred

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 1-12] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=37 /-] [Invalid=960 /-] [Mean=6.216 /-] [StdDev=2.84 /-]		
<b>Pre-question</b>	If the answer for "Is the factory's ownership transferred from public to private ?" is code 1		
<b>Literal question</b>	State the month of privatization		

### #14 p2q8y: Year of ownership transferred

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 1966-1996] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=38 /-] [Invalid=959 /-] [Mean=1989.5 /-] [StdDev=4.746 /-]		
<b>Pre-question</b>	If the answer for "Is the factory's ownership transferred from public to private ?" is code 1		
<b>Literal question</b>	State the year of privatization		

## File Dataset at establishment level for 1996(2003-04)

### #15 p2q9: Legal form of the establishment

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-7] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=861 /-] [Invalid=136 /-]		
<b>Pre-question</b>	If the answer for "Type of ownership of the establishment" is code 1 or 3 (if private share is >= 51%)		
<b>Literal question</b>	What is the legal form of organization ?		
<b>Value</b>	<b>Label</b>	<b>Cases</b>	<b>Percentage</b>
1	Individual proprietor	487	56.6%
2	Partnership	53	6.2%
3	Share company	29	3.4%
4	Private limited company	263	30.5%
5	Co-operative	19	2.2%
6	Joint venture	2	0.2%
7	Others	8	0.9%
Sysmiss		136	

*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 p2q10mal: Number of male owners

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 1-98] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=744 /-] [Invalid=253 /-] [Mean=2.297 /-] [StdDev=5.68 /-]
<b>Pre-question</b>	If answered for "What is the legal form of organization ?"
<b>Literal question</b>	Number of male owners of the establishments

### #17 p2q10fem: Number of female owners

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 1-35] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=333 /-] [Invalid=664 /-] [Mean=2.093 /-] [StdDev=3.381 /-]
<b>Pre-question</b>	If answered for "What is the legal form of organization ?"
<b>Literal question</b>	Number of male owners of the establishments

### #18 p2q10tot: Total number of owners

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 1-129] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=845 /-] [Invalid=152 /-] [Mean=2.847 /-] [StdDev=6.79 /-]
<b>Pre-question</b>	If answered for "What is the legal form of organization ?"
<b>Literal question</b>	Number of owners of the establishments

### #19 p2q11etm: Initial paid-up capital (private Ethiopian male)

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 50-414983007] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=705 /-] [Invalid=292 /-] [Mean=2754548.201 /-] [StdDev=17386395.672 /-]
<b>Literal question</b>	Initial paid-up capital (private Ethiopian male) in Birr

### #20 p2q11etf: Initial paid-up capital (private Ethiopian female)

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 115-31875075] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=309 /-] [Invalid=688 /-] [Mean=968354.414 /-] [StdDev=2600988.713 /-]
<b>Literal question</b>	Initial paid-up capital (private Ethiopian female) in Birr

### #21 p2q11net: Initial paid-up capital (private non-Ethiopian)

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 50000-139872000] [Missing=*]
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<b>File Dataset at establishment level for 1996(2003-04)</b>	
<b>#21 p2q11net: Initial paid-up capital (private non-Ethiopian)</b>	
<b>Statistics [NW/ W]</b>	[Valid=45 /-] [Invalid=952 /-] [Mean=12672793.644 /-] [StdDev=27759964.756 /-]
<b>Literal question</b>	Initial paid-up capital (private non-Ethiopian) in Birr
<b>#22 p2q11gov: Initial paid-up capital (public)</b>	
<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 12000-567000000] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=127 /-] [Invalid=870 /-] [Mean=26196195.063 /-] [StdDev=68665719.906 /-]
<b>Literal question</b>	Initial paid-up capital (public) in Birr
<b>#23 p2q11oth: Initial paid-up capital (other)</b>	
<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 34140-350000000] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=20 /-] [Invalid=977 /-] [Mean=47266423.1 /-] [StdDev=91114650.608 /-]
<b>Literal question</b>	Initial paid-up capital (other) in Birr
<b>#24 p2q11tot: Total initial paid-up capital</b>	
<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 50-567000000] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=973 /-] [Invalid=24 /-] [Mean=7280266.131 /-] [StdDev=33629960.605 /-]
<b>Literal question</b>	Total initial paid-up capital in Birr
<b>#25 p2q12etm: Current paid-up capital (private Ethiopian male)</b>	
<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 1000-414983007] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=711 /-] [Invalid=286 /-] [Mean=5910990.789 /-] [StdDev=24567301.177 /-]
<b>Literal question</b>	Current paid-up capital (private Ethiopian male) in Birr
<b>#26 p2q12etf: Current paid-up capital (private Ethiopian female)</b>	
<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 6000-153580399] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=316 /-] [Invalid=681 /-] [Mean=2601984.127 /-] [StdDev=9563259.78 /-]
<b>Literal question</b>	Current paid-up capital (private Ethiopian female) in Birr
<b>#27 p2q12net: Current paid-up capital (private non-Ethiopian)</b>	
<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 100000-148240956] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=54 /-] [Invalid=943 /-] [Mean=24183531.833 /-] [StdDev=38531049.997 /-]
<b>Literal question</b>	Current paid-up capital (private non-Ethiopian) in Birr
<b>#28 p2q12gov: Current paid-up capital (public)</b>	
<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 56857-495216331] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=127 /-] [Invalid=870 /-] [Mean=53505947.323 /-] [StdDev=85142308.463 /-]
<b>Literal question</b>	Current paid-up capital (public) in Birr
<b>#29 p2q12oth: Current paid-up capital (other)</b>	
<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 40000-243660383] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=22 /-] [Invalid=975 /-] [Mean=44855058.545 /-] [StdDev=74784835.55 /-]
<b>Literal question</b>	Current paid-up capital (other) in Birr
<b>#30 p2q12tot: Total current paid-up</b>	
<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 5000-495216331] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=985 /-] [Invalid=12 /-] [Mean=14327836.296 /-] [StdDev=44933423.069 /-]
<b>Literal question</b>	Total current paid-up in Birr



## File Dataset at establishment level for 1996(2003-04)

### #31 p2q13: Number of months the establishment operated during the survey reference year

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 2-12] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=997 /-] [Invalid=0 /-] [Mean=10.703 /-] [StdDev=2.428 /-]
<b>Literal question</b>	Number of months the establishment operated

### #32 p2q14a: First major problem prevented the establishment operating full year

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-10] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=297 /-] [Invalid=700 /-]
<b>Literal question</b>	What were the three major problems prevented you from operating full year

Value	Label	Cases	Percentage
1	It is established currently	38	12.8%
2	Shortage of raw materials	94	31.6%
3	Shortage of foreign exchange	4	1.3%
4	Shortage of foreign exchange	0	0.0%
5	Getting market or customers	85	28.6%
6	Lack of working capital	12	4.0%
7	Shortage of electric and water supply	12	4.0%
8	Repeated breakage of machinery	13	4.4%
9	Government rules and regulations	12	4.0%
10	OTHERS	27	9.1%
Sysmiss		700	

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.

### #33 p2q14b: Second major problem prevented the establishment operating full year

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-10] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=195 /-] [Invalid=802 /-]
<b>Literal question</b>	What were the three major problems prevented you from operating full year

Value	Label	Cases	Percentage
1	It is established currently	3	1.5%
2	Shortage of raw materials	36	18.5%
3	Shortage of foreign exchange	13	6.7%
4	Shortage of foreign exchange	1	0.5%
5	Getting market or customers	46	23.6%
6	Lack of working capital	30	15.4%
7	Shortage of electric and water supply	16	8.2%
8	Repeated breakage of machinery	18	9.2%
9	Government rules and regulations	20	10.3%
10	OTHERS	12	6.2%
Sysmiss		802	

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.

### #34 p2q14c: Third major problem prevented the establishment operating full year

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-10] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=127 /-] [Invalid=870 /-]
<b>Literal question</b>	What were the three major problems prevented you from operating full year

## File Dataset at establishment level for 1996(2003-04)

### #34 p2q14c: Third major problem prevented the establishment operating full year

Value	Label	Cases	Percentage
1	It is established currently	1	0.8%
2	Shortage of raw materials	10	7.9%
3	Shortage of foreign exchange	14	11.0%
4	Shortage of foreign exchange	1	0.8%
5	Getting market or customers	18	14.2%
6	Lack of working capital	15	11.8%
7	Shortage of electric and water supply	19	15.0%
8	Repeated breakage of machinery	20	15.7%
9	Government rules and regulations	14	11.0%
10	OTHERS	15	11.8%
Sysmiss		870	

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.

### #35 p2q15: Ownership of non-residential buildings

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]		
Statistics [NW/ W]	[Valid=997 /-] [Invalid=0 /-]		
Literal question	Ownership of non-residential buildings		
Value	Label	Cases	Percentage
1	Private	732	73.4%
2	Rented	243	24.4%
3	Other	22	2.2%

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.

### #36 p2q16: Source of non-residential buildings

Information	[Type= discrete] [Format=numeric] [Range= 1-4] [Missing=*]		
Statistics [NW/ W]	[Valid=738 /-] [Invalid=259 /-]		
Pre-question	If answer for "Ownership of non-residential buildings" is code 1		
Literal question	What was the source of ownership ?		
Value	Label	Cases	Percentage
1	Inherited	48	6.5%
2	Provided free	16	2.2%
3	Cocstructed by the establishment	661	89.6%
4	Other	13	1.8%
Sysmiss		259	

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.

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

Information	[Type= continuous] [Format=numeric] [Range= 1-1802] [Missing=*]		
Statistics [NW/ W]	[Valid=957 /-] [Invalid=40 /-] [Mean=60.807 /-] [StdDev=149.011 /-]		
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)		
Recoding and Derivation	This variable is extracting from section 3.1 of t		

## File Dataset at establishment level for 1996(2003-04)

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

Information	[Type= continuous] [Format=numeric] [Range= 1-1606] [Missing=*]
Statistics [NW/ W]	[Valid=829 /-] [Invalid=168 /-] [Mean=33.358 /-] [StdDev=106.875 /-]
Definition	This variable is part of section 3.1 (Number of Persons Engaged) of the questionnaire
Literal question	Total number of female Ethiopian employees for the month September (Meskerem)

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

Information	[Type= continuous] [Format=numeric] [Range= 1-40] [Missing=*]
Statistics [NW/ W]	[Valid=38 /-] [Invalid=959 /-] [Mean=4.026 /-] [StdDev=7.224 /-]
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)

### #40 p31c6t: Total number of male Ethiopian employees for the month December (Tahisas)

Information	[Type= continuous] [Format=numeric] [Range= 1-1802] [Missing=*]
Statistics [NW/ W]	[Valid=964 /-] [Invalid=33 /-] [Mean=60.605 /-] [StdDev=151.652 /-]
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)

### #41 p31c7t: Total number of female Ethiopian employees for the month December (Tahisas)

Information	[Type= continuous] [Format=numeric] [Range= 1-1591] [Missing=*]
Statistics [NW/ W]	[Valid=834 /-] [Invalid=163 /-] [Mean=33.668 /-] [StdDev=110.794 /-]
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)

### #42 p31c8t: Total number of foreigner employees for the month December (Tahisas)

Information	[Type= continuous] [Format=numeric] [Range= 1-40] [Missing=*]
Statistics [NW/ W]	[Valid=38 /-] [Invalid=959 /-] [Mean=4.026 /-] [StdDev=7.224 /-]
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)

### #43 p31c9t: Total number of male Ethiopian employees for the month March (Megabit)

Information	[Type= continuous] [Format=numeric] [Range= 1-1802] [Missing=*]
Statistics [NW/ W]	[Valid=975 /-] [Invalid=22 /-] [Mean=60.287 /-] [StdDev=150.533 /-]
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)

### #44 p31c10t: Total number of female Ethiopian employees for the month March (Megabit)

Information	[Type= continuous] [Format=numeric] [Range= 1-1582] [Missing=*]
Statistics [NW/ W]	[Valid=846 /-] [Invalid=151 /-] [Mean=33.275 /-] [StdDev=109.928 /-]
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)

### #45 p31c11t: Total number of foreigner employees for the month March (Megabit)

Information	[Type= continuous] [Format=numeric] [Range= 1-40] [Missing=*]
Statistics [NW/ W]	[Valid=38 /-] [Invalid=959 /-] [Mean=4.026 /-] [StdDev=7.224 /-]
Definition	This variable is part of section 3.1 (Number of Persons Engaged) of the questionnaire

<b>File Dataset at establishment level for 1996(2003-04)</b>	
<b>#45 p31c11t: Total number of foreigner employees for the month March (Megabit)</b>	
<b>Literal question</b>	Total number of foreigner employees for the month March (Megabit)
<b>#46 p31c12t: Total number of male Ethiopian employees for the month June (Sene)</b>	
<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 1-1802] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=982 /-] [Invalid=15 /-] [Mean=60.397 /-] [StdDev=149.987 /-]
<b>Definition</b>	This variable is part of section 3.1 (Number of Persons Engaged) of the questionnaire
<b>Literal question</b>	Total number of male Ethiopian employees for the month June (Sene)
<b>#47 p31c13t: Total number of female Ethiopian employees for the month June (Sene)</b>	
<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 1-1528] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=856 /-] [Invalid=141 /-] [Mean=33.251 /-] [StdDev=109.128 /-]
<b>Definition</b>	This variable is part of section 3.1 (Number of Persons Engaged) of the questionnaire
<b>Literal question</b>	Total number of female Ethiopian employees for the month June (Sene)
<b>#48 p31c14t: Total number of foreigner employees for the month June (Sene)</b>	
<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 1-40] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=38 /-] [Invalid=959 /-] [Mean=4.026 /-] [StdDev=7.224 /-]
<b>Definition</b>	This variable is part of section 3.1 (Number of Persons Engaged) of the questionnaire
<b>Literal question</b>	Total number of foreigner employees for the month June (Sene)
<b>#49 p32c3t: Total wage for male Ethiopian</b>	
<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 400-30782389] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=967 /-] [Invalid=30 /-] [Mean=522402.01 /-] [StdDev=1688266.163 /-]
<b>Definition</b>	This variable is part of section 3.2 (Wages and Salaries and Other Employee Benefits Paid) of the questionnaire
<b>Literal question</b>	Total wage for male Ethiopian
<b>#50 p32c4t: Total wage for female Ethiopian</b>	
<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 180-13035370] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=806 /-] [Invalid=191 /-] [Mean=228721.566 /-] [StdDev=766227.462 /-]
<b>Definition</b>	This variable is part of section 3.2 (Wages and Salaries and Other Employee Benefits Paid) of the questionnaire
<b>Literal question</b>	Total wage for female Ethiopian
<b>#51 p32c5t: Total wage for foreigners</b>	
<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 2595-13926013] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=30 /-] [Invalid=967 /-] [Mean=900296.033 /-] [StdDev=2673024.937 /-]
<b>Definition</b>	This variable is part of section 3.2 (Wages and Salaries and Other Employee Benefits Paid) of the questionnaire
<b>Literal question</b>	Total wage for foreigners
<b>#52 p32c6t: Wage total</b>	
<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 480-32176909] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=970 /-] [Invalid=27 /-] [Mean=738681.657 /-] [StdDev=2392868.834 /-]
<b>Definition</b>	This variable is part of section 3.2 (Wages and Salaries and Other Employee Benefits Paid) of the questionnaire
<b>Literal question</b>	Wage total
<b>#53 p32c7t: Commission, bonuses, proffional and hardship allowance</b>	
<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 40-3862734] [Missing=*]

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### #53 p32c7t: Commission, bonuses, proffional and hardship allowance

<b>Statistics [NW/ W]</b>	[Valid=331 /-] [Invalid=666 /-] [Mean=129727.281 /-] [StdDev=354370.187 /-]
<b>Definition</b>	This variable is part of section 3.2 (Wages and Salaries and Other Employee Benefits Paid) of the questionnaire
<b>Literal question</b>	Commission, bonuses, proffional and hardship allowance

### #54 p32c8t: Actual cost of the establishmnet on food, lodging, medical and other benefits provided to employees free of charge

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 9-4942598] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=444 /-] [Invalid=553 /-] [Mean=126978.608 /-] [StdDev=472596.468 /-]
<b>Definition</b>	This variable is part of section 3.2 (Wages and Salaries and Other Employee Benefits Paid) of the questionnaire
<b>Literal question</b>	Actual cost of the establishmnet on food, lodging, medical and other benefits provided to employees free of charge

### #55 p32c9t: Establishment's contribution on behalf of employees to pension, life and casualty insurance schemes

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 10-1809439] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=299 /-] [Invalid=698 /-] [Mean=131857.502 /-] [StdDev=250996.464 /-]
<b>Definition</b>	This variable is part of section 3.2 (Wages and Salaries and Other Employee Benefits Paid) of the questionnaire
<b>Literal question</b>	Establishment's contribution on behalf of employees to pension, life and casualty insurance schemes

### #56 p33c3t: Total number of permanent employees for salary group under 75

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 1-15] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=83 /-] [Invalid=914 /-] [Mean=2.867 /-] [StdDev=2.912 /-]
<b>Definition</b>	This variable is part of section 3.3 (Number of Permanent Employees by Basic Salary Group) of the questionnaire
<b>Literal question</b>	Total number of permanent employees for salary group under 75

### #57 p33c4t: Total number of permanent employees for salary group between 75 and 105

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 1-40] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=209 /-] [Invalid=788 /-] [Mean=3.727 /-] [StdDev=4.584 /-]
<b>Definition</b>	This variable is part of section 3.3 (Number of Permanent Employees by Basic Salary Group) of the questionnaire
<b>Literal question</b>	Total number of permanent employees for salary group between 75 and 105

### #58 p33c5t: Total number of permanent employees salary group between 105 and 150

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 1-202] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=342 /-] [Invalid=655 /-] [Mean=5.722 /-] [StdDev=12.647 /-]
<b>Definition</b>	This variable is part of section 3.3 (Number of Permanent Employees by Basic Salary Group) of the questionnaire
<b>Literal question</b>	Total number of permanent employees salary group between 105 and 150

### #59 p33c6t: Total number of permanent employees salary group between 150 and 200

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 1-389] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=566 /-] [Invalid=431 /-] [Mean=9.572 /-] [StdDev=25.962 /-]
<b>Definition</b>	This variable is part of section 3.3 (Number of Permanent Employees by Basic Salary Group) of the questionnaire
<b>Literal question</b>	Total number of permanent employees salary group between 150 and 200

### #60 p33c7t: Total number of permanent employees salary group between 200 and 250

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 1-348] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=595 /-] [Invalid=402 /-] [Mean=10.165 /-] [StdDev=23.702 /-]

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### #60 p33c7t: Total number of permanent employees salary group between 200 and 250

<b>Definition</b>	This variable is part of section 3.3 (Number of Permanent Employees by Basic Salary Group) of the questionnaire
<b>Literal question</b>	Total number of permanent employees salary group between 200 and 250

### #61 p33c8t: Total number of permanent employees salary group between 250 and 300

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 1-678] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=617 /-] [Invalid=380 /-] [Mean=14.276 /-] [StdDev=48.776 /-]
<b>Definition</b>	This variable is part of section 3.3 (Number of Permanent Employees by Basic Salary Group) of the questionnaire
<b>Literal question</b>	Total number of permanent employees salary group between 250 and 300

### #62 p33c9t: Total number of permanent employees salary group between 300 and 400

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 1-1200] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=691 /-] [Invalid=306 /-] [Mean=21.094 /-] [StdDev=81.846 /-]
<b>Definition</b>	This variable is part of section 3.3 (Number of Permanent Employees by Basic Salary Group) of the questionnaire
<b>Literal question</b>	Total number of permanent employees salary group between 300 and 400

### #63 p33c10t: Total number of permanent employees salary group between 400 and 500

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 1-721] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=622 /-] [Invalid=375 /-] [Mean=16.986 /-] [StdDev=53.347 /-]
<b>Definition</b>	This variable is part of section 3.3 (Number of Permanent Employees by Basic Salary Group) of the questionnaire
<b>Literal question</b>	Total number of permanent employees salary group between 400 and 500

### #64 p33c11t: Total number of permanent employees salary group between 500 and 700

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 1-420] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=632 /-] [Invalid=365 /-] [Mean=21.759 /-] [StdDev=48.512 /-]
<b>Definition</b>	This variable is part of section 3.3 (Number of Permanent Employees by Basic Salary Group) of the questionnaire
<b>Literal question</b>	Total number of permanent employees salary group between 500 and 700

### #65 p33c12t: Total number of permanent employees salary group between 700 and 1000

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 1-541] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=505 /-] [Invalid=492 /-] [Mean=23.933 /-] [StdDev=56.799 /-]
<b>Definition</b>	This variable is part of section 3.3 (Number of Permanent Employees by Basic Salary Group) of the questionnaire
<b>Literal question</b>	Total number of permanent employees salary group between 700 and 1000

### #66 p33c13t: Total number of permanent employees salary group between 1000 and 1500

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 1-546] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=425 /-] [Invalid=572 /-] [Mean=17.713 /-] [StdDev=47.456 /-]
<b>Definition</b>	This variable is part of section 3.3 (Number of Permanent Employees by Basic Salary Group) of the questionnaire
<b>Literal question</b>	Total number of permanent employees salary group between 1000 and 1500

### #67 p33c14t: Total number of permanent employees salary group between 1500 and 2000

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 1-295] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=293 /-] [Invalid=704 /-] [Mean=9.297 /-] [StdDev=27.42 /-]
<b>Definition</b>	This variable is part of section 3.3 (Number of Permanent Employees by Basic Salary Group) of the questionnaire
<b>Literal question</b>	Total number of permanent employees salary group between 1500 and 2000

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### #68 p33c15t: Total number of permanent employees salary group over 2000

Information	[Type= continuous] [Format=numeric] [Range= 1-161] [Missing=*]
Statistics [NW/ W]	[Valid=278 /-] [Invalid=719 /-] [Mean=7.158 /-] [StdDev=15.349 /-]
Definition	This variable is part of section 3.3 (Number of Permanent Employees by Basic Salary Group) of the questionnaire
Literal question	Total number of permanent employees salary group over 2000

### #69 p33c16t: Total number of permanent employees

Information	[Type= continuous] [Format=numeric] [Range= 1-2579] [Missing=*]
Statistics [NW/ W]	[Valid=967 /-] [Invalid=30 /-] [Mean=89.42 /-] [StdDev=233.67 /-]
Definition	This variable is part of section 3.3 (Number of Permanent Employees by Basic Salary Group) of the questionnaire
Literal question	Total number of permanent employees

### #70 p41c8t: Total value of production

Information	[Type= continuous] [Format=numeric] [Range= 3900-600598574] [Missing=*]
Statistics [NW/ W]	[Valid=977 /-] [Invalid=20 /-] [Mean=10942745.735 /-] [StdDev=39127588.025 /-]
Definition	This variable is part of section 4.1 (Products and By-products) of the questionnaire
Literal question	Total value of production

### #71 p41c10t: Total sales value

Information	[Type= continuous] [Format=numeric] [Range= 2899-530967116] [Missing=*]
Statistics [NW/ W]	[Valid=975 /-] [Invalid=22 /-] [Mean=10636523.974 /-] [StdDev=38211339.268 /-]
Definition	This variable is part of section 4.1 (Products and By-products) of the questionnaire
Literal question	Total sales value

### #72 p41c12t: Total value of exported sales

Information	[Type= continuous] [Format=numeric] [Range= 21000-122535541] [Missing=*]
Statistics [NW/ W]	[Valid=47 /-] [Invalid=950 /-] [Mean=15625920.915 /-] [StdDev=26536050.682 /-]
Definition	This variable is part of section 4.1 (Products and By-products) of the questionnaire
Literal question	Total value of exported sales

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

Information	[Type= continuous] [Format=numeric] [Range= 1-14102395] [Missing=*]
Statistics [NW/ W]	[Valid=104 /-] [Invalid=893 /-] [Mean=510788.663 /-] [StdDev=2092969.279 /-]
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

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

Information	[Type= continuous] [Format=numeric] [Range= 31-9470307] [Missing=*]
Statistics [NW/ W]	[Valid=82 /-] [Invalid=915 /-] [Mean=318686.854 /-] [StdDev=1172400.175 /-]
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

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

Information	[Type= continuous] [Format=numeric] [Range= 43-57092777] [Missing=*]
Statistics [NW/ W]	[Valid=108 /-] [Invalid=889 /-] [Mean=2002493.843 /-] [StdDev=6854636.841 /-]
Definition	This variable is part of section 4.2 (Services and other receipts) of the questionnaire

## File Dataset at establishment level for 1996(2003-04)

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

<b>Literal question</b>	Receipts of products bought and resold without further processing
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### #76 p42c5: Value of capital goods produced by own employees and materials for own use

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 150-50000] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=25 /-] [Invalid=972 /-] [Mean=4036.8 /-] [StdDev=9757.248 /-]
<b>Definition</b>	This variable is part of section 4.2 (Services and other receipts) of the questionnaire
<b>Literal question</b>	Value of capital goods produced by own employees and materials for own use

### #77 p42c6: Interest received

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 13-4809207] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=40 /-] [Invalid=957 /-] [Mean=357924.05 /-] [StdDev=902352.753 /-]
<b>Definition</b>	This variable is part of section 4.2 (Services and other receipts) of the questionnaire
<b>Literal question</b>	Interest received

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

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 100-1955584] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=97 /-] [Invalid=900 /-] [Mean=142628.691 /-] [StdDev=322804.457 /-]
<b>Definition</b>	This variable is part of section 4.2 (Services and other receipts) of the questionnaire
<b>Literal question</b>	Rental income from lease of machinery and equipment

### #79 p42c8: Insurance claims

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 5813-453000] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=7 /-] [Invalid=990 /-] [Mean=85311.714 /-] [StdDev=162947.709 /-]
<b>Definition</b>	This variable is part of section 4.2 (Services and other receipts) of the questionnaire
<b>Literal question</b>	Insurance claims

### #80 p42c9: Subsidy

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 10000-1802357] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=7 /-] [Invalid=990 /-] [Mean=677231.286 /-] [StdDev=787175.3 /-]
<b>Definition</b>	This variable is part of section 4.2 (Services and other receipts) of the questionnaire
<b>Literal question</b>	Subsidy

### #81 p42c10: Other income

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 12-6742228] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=489 /-] [Invalid=508 /-] [Mean=219073.845 /-] [StdDev=663506.677 /-]
<b>Definition</b>	This variable is part of section 4.2 (Services and other receipts) of the questionnaire
<b>Literal question</b>	Other income

### #82 p42c11: Total value of services and other receipts

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 12-58114770] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=610 /-] [Invalid=387 /-] [Mean=715149.925 /-] [StdDev=3345004.087 /-]
<b>Definition</b>	This variable is part of section 4.2 (Services and other receipts) of the questionnaire
<b>Literal question</b>	Total value of services and other receipts

### #83 p61c7t: Total value of local raw materials

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 50-92430444] [Missing=*]
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## File Dataset at establishment level for 1996(2003-04)

### #83 p61c7t: Total value of local raw materials

<b>Statistics [NW/ W]</b>	[Valid=870 /-] [Invalid=127 /-] [Mean=2865922.8 /-] [StdDev=8963387.447 /-]
<b>Definition</b>	This variable is part of section 6.1 (Cost and Quantity of Raw Materials) of the questionnaire
<b>Literal question</b>	Total value of local raw materials

### #84 p61c9t: Total value of Imported raw materials

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 120-189101825] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=709 /-] [Invalid=288 /-] [Mean=3137368.23 /-] [StdDev=11064453.468 /-]
<b>Definition</b>	This variable is part of section 6.1 (Cost and Quantity of Raw Materials) of the questionnaire
<b>Literal question</b>	Total value of Imported raw materials

### #85 p61c11t: Value of total raw materials

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 2162-189101825] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=995 /-] [Invalid=2 /-] [Mean=4741454.182 /-] [StdDev=13278566.878 /-]
<b>Definition</b>	This variable is part of section 6.1 (Cost and Quantity of Raw Materials) of the questionnaire
<b>Literal question</b>	Value of total raw materials

### #86 p62c6t: Total value of fuel and lubricating oil

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 15-137731907] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=634 /-] [Invalid=363 /-] [Mean=646846.426 /-] [StdDev=6942997.705 /-]
<b>Definition</b>	This variable is part of section 6.2 (Other Industrial Costs) of the questionnaire
<b>Literal question</b>	Total value of fuel and lubricating oil

### #87 p62c7t: Electricity consumption in KWH

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 239-11548425] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=154 /-] [Invalid=843 /-] [Mean=190240.851 /-] [StdDev=1049012.525 /-]
<b>Definition</b>	This variable is part of section 6.2 (Other Industrial Costs) of the questionnaire
<b>Literal question</b>	Electricity consumption in KWH

### #88 p62c8t: Value of electricity consumed

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 17-22955959] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=985 /-] [Invalid=12 /-] [Mean=183974.326 /-] [StdDev=962532.943 /-]
<b>Definition</b>	This variable is part of section 6.2 (Other Industrial Costs) of the questionnaire
<b>Literal question</b>	Value of electricity consumed

### #89 p62c9t: Wood and charcoal for energy

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 207-195558] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=64 /-] [Invalid=933 /-] [Mean=21469.844 /-] [StdDev=34649.4 /-]
<b>Definition</b>	This variable is part of section 6.2 (Other Industrial Costs) of the questionnaire
<b>Literal question</b>	Wood and charcoal for energy

### #90 p62c10t: Value for water consumed

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 10-4953902] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=744 /-] [Invalid=253 /-] [Mean=118040.763 /-] [StdDev=411090.281 /-]
<b>Definition</b>	This variable is part of section 6.2 (Other Industrial Costs) of the questionnaire
<b>Literal question</b>	Value for water consumed

## File Dataset at establishment level for 1996(2003-04)

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

Information	[Type= continuous] [Format=numeric] [Range= 10-1249487] [Missing=*]
Statistics [NW/ W]	[Valid=855 /-] [Invalid=142 /-] [Mean=13167.732 /-] [StdDev=64247.24 /-]
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

### #92 p62c12t: Cost of goods bought and resold

Information	[Type= continuous] [Format=numeric] [Range= 100-50448710] [Missing=*]
Statistics [NW/ W]	[Valid=103 /-] [Invalid=894 /-] [Mean=1611882.806 /-] [StdDev=5814625.794 /-]
Definition	This variable is part of section 6.2 (Other Industrial Costs) of the questionnaire
Literal question	Cost of goods bought and resold

### #93 p62c13t: Cost of repair and maintenance

Information	[Type= continuous] [Format=numeric] [Range= 91-1558618] [Missing=*]
Statistics [NW/ W]	[Valid=39 /-] [Invalid=958 /-] [Mean=168388.231 /-] [StdDev=348562.487 /-]
Definition	This variable is part of section 6.2 (Other Industrial Costs) of the questionnaire
Literal question	Cost of repair and maintenance

### #94 p62c14t: Total value of other inputs

Information	[Type= continuous] [Format=numeric] [Range= 285-161342046] [Missing=*]
Statistics [NW/ W]	[Valid=997 /-] [Invalid=0 /-] [Mean=866962.11 /-] [StdDev=6713715.71 /-]
Definition	This variable is part of section 6.2 (Other Industrial Costs) of the questionnaire
Literal question	Total value of other inputs

### #95 p63c2: License fee

Information	[Type= continuous] [Format=numeric] [Range= 10-1336395] [Missing=*]
Statistics [NW/ W]	[Valid=767 /-] [Invalid=230 /-] [Mean=12401.146 /-] [StdDev=67433.31 /-]
Definition	This variable is part of section 6.3 (Other Non-industrial Costs) of the questionnaire
Literal question	License fee

### #96 p63c3: Advertising

Information	[Type= continuous] [Format=numeric] [Range= 10-6587375] [Missing=*]
Statistics [NW/ W]	[Valid=419 /-] [Invalid=578 /-] [Mean=116211.706 /-] [StdDev=540572.1 /-]
Definition	This variable is part of section 6.3 (Other Non-industrial Costs) of the questionnaire
Literal question	Advertising

### #97 p63c4: Stationary, telephone and mailing expenses

Information	[Type= continuous] [Format=numeric] [Range= 10-7264681] [Missing=*]
Statistics [NW/ W]	[Valid=961 /-] [Invalid=36 /-] [Mean=49005.734 /-] [StdDev=256039.9 /-]
Definition	This variable is part of section 6.3 (Other Non-industrial Costs) of the questionnaire
Literal question	Stationary, telephone and mailing expenses

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

Information	[Type= continuous] [Format=numeric] [Range= 68-13971013] [Missing=*]
Statistics [NW/ W]	[Valid=406 /-] [Invalid=591 /-] [Mean=79534.187 /-] [StdDev=739126.272 /-]
Definition	This variable is part of section 6.3 (Other Non-industrial Costs) of the questionnaire

<b>File Dataset at establishment level for 1996(2003-04)</b>	
<b>#98 p63c5: Payment for accounting, legal commission, etc..</b>	
<b>Literal question</b>	Payment for accounting, legal commission, etc..
<b>#99 p63c6: Transport cost</b>	
<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 50-34763652] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=797 /-] [Invalid=200 /-] [Mean=290867.846 /-] [StdDev=1583088.602 /-]
<b>Definition</b>	This variable is part of section 6.3 (Other Non-industrial Costs) of the questionnaire
<b>Literal question</b>	Transport cost
<b>#100 p63c7: Interest payments</b>	
<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 17-65484390] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=326 /-] [Invalid=671 /-] [Mean=631720.847 /-] [StdDev=3892167.366 /-]
<b>Definition</b>	This variable is part of section 6.3 (Other Non-industrial Costs) of the questionnaire
<b>Literal question</b>	Interest payments
<b>#101 p63c8: Bank charges</b>	
<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 5-2360019] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=434 /-] [Invalid=563 /-] [Mean=28541.205 /-] [StdDev=127657.353 /-]
<b>Definition</b>	This variable is part of section 6.3 (Other Non-industrial Costs) of the questionnaire
<b>Literal question</b>	Bank charges
<b>#102 p63c9: Dividend payments</b>	
<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 250-11228423] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=27 /-] [Invalid=970 /-] [Mean=1442494.074 /-] [StdDev=2933475.918 /-]
<b>Definition</b>	This variable is part of section 6.3 (Other Non-industrial Costs) of the questionnaire
<b>Literal question</b>	Dividend payments
<b>#103 p63c10: Rent payable for rental of structures and equipment</b>	
<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 28-28562926] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=481 /-] [Invalid=516 /-] [Mean=118348.609 /-] [StdDev=1316448.413 /-]
<b>Definition</b>	This variable is part of section 6.3 (Other Non-industrial Costs) of the questionnaire
<b>Literal question</b>	Rent payable for rental of structures and equipment
<b>#104 p63c11: Insurance premium on property</b>	
<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 61-2026389] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=490 /-] [Invalid=507 /-] [Mean=60425 /-] [StdDev=158322.89 /-]
<b>Definition</b>	This variable is part of section 6.3 (Other Non-industrial Costs) of the questionnaire
<b>Literal question</b>	Insurance premium on property
<b>#105 p63c12: Amortization</b>	
<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 50-87057012] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=95 /-] [Invalid=902 /-] [Mean=1401197.579 /-] [StdDev=8987633.379 /-]
<b>Definition</b>	This variable is part of section 6.3 (Other Non-industrial Costs) of the questionnaire
<b>Literal question</b>	Amortization
<b>#106 p63c13: Others non-industrial costs</b>	
<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 23-91853152] [Missing=*]

## File Dataset at establishment level for 1996(2003-04)

### #106 p63c13: Others non-industrials costs

<b>Statistics [NW/ W]</b>	[Valid=776 /-] [Invalid=221 /-] [Mean=484511.852 /-] [StdDev=3570922.463 /-]
<b>Definition</b>	This variable is part of section 6.3 (Other Non-industrial Costs) of the questionnaire
<b>Literal question</b>	Others non-industrials costs

### #107 p63c14: Total value of other non-industrial expenses

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 30-164724167] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=992 /-] [Invalid=5 /-] [Mean=1232172.948 /-] [StdDev=7159507.921 /-]
<b>Definition</b>	This variable is part of section 6.3 (Other Non-industrial Costs) of the questionnaire
<b>Literal question</b>	Total value of other non-industrial expenses

### #108 p64c2: Value added tax

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 47-65805611] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=517 /-] [Invalid=480 /-] [Mean=2241009.046 /-] [StdDev=6201532.321 /-]
<b>Definition</b>	This variable is part of section 6.4 (Taxes Paid) of the questionnaire
<b>Literal question</b>	Value added tax

### #109 p64c3: Indirect taxes payments

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 43-14396815] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=334 /-] [Invalid=663 /-] [Mean=98582.955 /-] [StdDev=888099.674 /-]
<b>Definition</b>	This variable is part of section 6.4 (Taxes Paid) of the questionnaire
<b>Literal question</b>	Indirect taxes payments

### #110 p64c4: Ex-tax

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 180-53486463] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=61 /-] [Invalid=936 /-] [Mean=6375299.361 /-] [StdDev=11551416.858 /-]
<b>Definition</b>	This variable is part of section 6.4 (Taxes Paid) of the questionnaire
<b>Literal question</b>	Ex-tax

### #111 p64c5: TOT tax

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 55-66715425] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=514 /-] [Invalid=483 /-] [Mean=689045.805 /-] [StdDev=4599588.858 /-]
<b>Definition</b>	This variable is part of section 6.4 (Taxes Paid) of the questionnaire
<b>Literal question</b>	TOT tax

### #112 p64c6: Income tax paid on profit

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 100-58092] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=65 /-] [Invalid=932 /-] [Mean=8952.492 /-] [StdDev=12335.982 /-]
<b>Definition</b>	This variable is part of section 6.4 (Taxes Paid) of the questionnaire
<b>Literal question</b>	Income tax paid on profit

### #113 p64c7: Total taxes paid

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 250-175659555] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=937 /-] [Invalid=60 /-] [Mean=2065286.127 /-] [StdDev=10245379.644 /-]
<b>Definition</b>	This variable is part of section 6.4 (Taxes Paid) of the questionnaire
<b>Literal question</b>	Total taxes paid

## File Dataset at establishment level for 1996(2003-04)

### #114 p71c3t: Total book value of the fixed assets at beginning of the year

Information	[Type= continuous] [Format=numeric] [Range= 1-757374238] [Missing=*]
Statistics [NW/ W]	[Valid=977 -] [Invalid=20 -] [Mean=6747710.862 -] [StdDev=33042232.097 -]
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 beginning of the year

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

Information	[Type= continuous] [Format=numeric] [Range= 131-250976975] [Missing=*]
Statistics [NW/ W]	[Valid=485 -] [Invalid=512 -] [Mean=1908276.155 -] [StdDev=12201326.12 -]
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

### #116 p71c5t: Total sold and disposed during the year

Information	[Type= continuous] [Format=numeric] [Range= 10-6743407] [Missing=*]
Statistics [NW/ W]	[Valid=90 -] [Invalid=907 -] [Mean=716945.156 -] [StdDev=1588896.524 -]
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

### #117 p71c6t: Total depreciation during the year

Information	[Type= continuous] [Format=numeric] [Range= 1-99012411] [Missing=*]
Statistics [NW/ W]	[Valid=959 -] [Invalid=38 -] [Mean=982286.659 -] [StdDev=4996524.736 -]
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

### #118 p71c7t: Total book value of the fixed assets at end of the year

Information	[Type= continuous] [Format=numeric] [Range= 1-665480562] [Missing=*]
Statistics [NW/ W]	[Valid=994 -] [Invalid=3 -] [Mean=6550794.242 -] [StdDev=30222989.86 -]
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 end of the year

### #119 p72c3t: Total investment on fixed assets

Information	[Type= continuous] [Format=numeric] [Range= 131-250976975] [Missing=*]
Statistics [NW/ W]	[Valid=485 -] [Invalid=512 -] [Mean=1908276.155 -] [StdDev=12201326.12 -]
Definition	This variable is part of section 7.2 (Type and value of Fixed Assets) of the questionnaire
Literal question	Total investment on fixed assets

### #120 p72c4t: Total working capital

Information	[Type= continuous] [Format=numeric] [Range= 5643-276192350] [Missing=*]
Statistics [NW/ W]	[Valid=997 -] [Invalid=0 -] [Mean=8039962.876 -] [StdDev=24716741.94 -]
Definition	This variable is part of section 7.2 (Type and value of Fixed Assets) of the questionnaire
Literal question	Total working capital

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

Information	[Type= continuous] [Format=numeric] [Range= 11375-981249743] [Missing=*]
Statistics [NW/ W]	[Valid=981 -] [Invalid=16 -] [Mean=19468318.209 -] [StdDev=67063800.757 -]
Definition	This variable is part of section 8.1 (Annual Production at Full Capacity ) of the questionnaire

## File Dataset at establishment level for 1996(2003-04)

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

<b>Literal question</b>	Total value of production (if working at full capacity) at market price
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### #122 p82c7t: Total value of local raw materials (if working at full capacity)

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 360-219450000] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=855 /-] [Invalid=142 /-] [Mean=5513405.07 /-] [StdDev=16793608.823 /-]
<b>Definition</b>	This variable is part of section 8.2 (Estimated Value and Quantity of Raw Materials Needed, at Full Capacity) of the questionnaire
<b>Literal question</b>	Total value of local raw materials (if working at full capacity)

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

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 180-866417459] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=679 /-] [Invalid=318 /-] [Mean=7767325.464 /-] [StdDev=41886949.355 /-]
<b>Definition</b>	This variable is part of section 8.2 (Estimated Value and Quantity of Raw Materials Needed, at Full Capacity) of the questionnaire
<b>Literal question</b>	Total value of imported raw materials (if working at full capacity)

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

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 6809-887723310] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=987 /-] [Invalid=10 /-] [Mean=10119529.205 /-] [StdDev=38831094.802 /-]
<b>Definition</b>	This variable is part of section 8.2 (Estimated Value and Quantity of Raw Materials Needed, at Full Capacity) of the questionnaire
<b>Literal question</b>	Total value of estimated raw materials (if working at full capacity)

### #125 p83: Percentage as compared to the factory's production at full capacity

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 1-100] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=983 /-] [Invalid=14 /-] [Mean=55.223 /-] [StdDev=24.509 /-]
<b>Literal question</b>	What is the percentage of the production as compared to the factory's production at full capacity

### #126 p84a: Three major problems that prevented operating with full capacity (1)

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-8] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=905 /-] [Invalid=92 /-]
<b>Literal question</b>	What were the three major problems that prevented the establishment from operating with full capacity

Value	Label	Cases	Percentage
1	Shortage of supply of raw materials	265	29.3%
2	Shortage of spare parts	22	2.4%
3	Getting market/customers	388	42.9%
4	Shortage of working capital	67	7.4%
5	Repeated breakage of machinery	35	3.9%
6	Problems with workers	11	1.2%
7	Government rules and regulation	44	4.9%
8	Others	73	8.1%
Sysmiss		92	

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.

### #127 p84b: Three major problems that prevented operating with full capacity (2)

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-8] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=683 /-] [Invalid=314 /-]

## File Dataset at establishment level for 1996(2003-04)

### #127 p84b: Three major problems that prevented operating with full capacity (2)

**Literal question** What were the three major problems that prevented the establishment from operating with full capacity

Value	Label	Cases	Percentage
1	Shoratge of supply of raw materials	103	15.1%
2	Shortage of spare parts	52	7.6%
3	Getting market/customers	173	25.3%
4	Shortage of working capital	112	16.4%
5	Repeated breakage of machinery	85	12.4%
6	Problems with workers	19	2.8%
7	Government rules and regulation	81	11.9%
8	Others	58	8.5%
Sysmiss		314	

*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.*

### #128 p84c: Three major problems that prevented operating with full capacity (3)

**Information** [Type= discrete] [Format=numeric] [Range= 1-8] [Missing=\*]

**Statistics [NW/ W]** [Valid=441 /-] [Invalid=556 /-]

**Literal question** What were the three major problems that prevented the establishment from operating with full capacity

Value	Label	Cases	Percentage
1	Shoratge of supply of raw materials	50	11.3%
2	Shortage of spare parts	35	7.9%
3	Getting market/customers	52	11.8%
4	Shortage of working capital	59	13.4%
5	Repeated breakage of machinery	76	17.2%
6	Problems with workers	11	2.5%
7	Government rules and regulation	95	21.5%
8	Others	63	14.3%
Sysmiss		556	

*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.*

### #129 p85: Reason for lack of market

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

**Statistics [NW/ W]** [Valid=618 /-] [Invalid=379 /-]

**Pre-question** If the answer for "What were the three major problems that prevented the establishment from operating with full capacity " is code 3

**Literal question** What is the major reason of lack of market

Value	Label	Cases	Percentage
1	Unable to complete foreign product in quality	28	4.5%
2	Unable to complete foreign product in price	120	19.4%
3	Unable to complete local product in quality	36	5.8%
4	Unable to complete local product in price	195	31.6%
5	Other	239	38.7%
Sysmiss		379	

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

## File Dataset at establishment level for 1996(2003-04)

### #130 p86: Factory made attempt to take loan

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=256 /-] [Invalid=741 /-]		
<b>Pre-question</b>	If the answer for "What were the three major problems that prevented the establishment from operating with full capacity" is code 4		
<b>Literal question</b>	Did the organization try to get loan from borrowers to solve the problem of working capital ?		
<b>Value</b>	<b>Label</b>	<b>Cases</b>	<b>Percentage</b>
1	Yes	170	66.4%
2	No	86	33.6%
Sysmiss		741	

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

### #131 p87a: Reason for not solving the loan problem (1)

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-6] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=173 /-] [Invalid=824 /-]		
<b>Pre-question</b>	If the answer for "Did the organization try to get loan from borrowers to solve the problem of working capital ?" is code 4		
<b>Literal question</b>	Why the problem of working capital is not solved ?		

<b>Value</b>	<b>Label</b>	<b>Cases</b>	<b>Percentage</b>
1	Permitted loan was not sufficient	54	31.2%
2	Unable to provide loan requirement	51	29.5%
3	High interest rate	18	10.4%
4	Loan duration is short	15	8.7%
5	Loan procedure takes long time	28	16.2%
6	Others	7	4.0%
Sysmiss		824	

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

### #132 p87b: Reason for not solving the loan problem (2)

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-6] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=17 /-] [Invalid=980 /-]		
<b>Pre-question</b>	If the answer for "Did the organization try to get loan from borrowers to solve the problem of working capital ?" is code 4		
<b>Literal question</b>	Why the problem of working capital is not solved ?		

<b>Value</b>	<b>Label</b>	<b>Cases</b>	<b>Percentage</b>
1	Permitted loan was not sufficient	2	11.8%
2	Unable to provide loan requirement	7	41.2%
3	High interest rate	4	23.5%
4	Loan duration is short	2	11.8%
5	Loan procedure takes long time	2	11.8%
6	Others	0	0.0%
Sysmiss		980	

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

### #133 p88a: First major problem faced the establishment at present

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-11] [Missing=*]		
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## File Dataset at establishment level for 1996(2003-04)

### #133 p88a: First major problem faced the establishment at present

**Statistics [NW/ W]** [Valid=968 /-] [Invalid=29 /-]

**Literal question** What are the three major problems that are facing the establishment at present ?

Value	Label	Cases	Percentage
1	Shortage of supply of raw materials	265	27.4%
2	Shortage of spare parts	26	2.7%
3	Difficult market competition	68	7.0%
4	Getting market/customers	318	32.9%
5	Shortage of working capital	72	7.4%
6	Frequent machine breakage	36	3.7%
7	Inconvenient working place	18	1.9%
8	Problems with workers	16	1.7%
9	Government rules and regulation	41	4.2%
10	No problems faced	56	5.8%
11	Others	52	5.4%
Sysmiss		29	

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

### #134 p88b: Second major problem faced the establishment at present

**Information** [Type= discrete] [Format=numeric] [Range= 1-11] [Missing=\*]

**Statistics [NW/ W]** [Valid=691 /-] [Invalid=306 /-]

**Literal question** What are the three major problems that are facing the establishment at present ?

Value	Label	Cases	Percentage
1	Shortage of supply of raw materials	102	14.8%
2	Shortage of spare parts	46	6.7%
3	Difficult market competition	73	10.6%
4	Getting market/customers	143	20.7%
5	Shortage of working capital	96	13.9%
6	Frequent machine breakage	46	6.7%
7	Inconvenient working place	44	6.4%
8	Problems with workers	19	2.7%
9	Government rules and regulation	85	12.3%
10	No problems faced	4	0.6%
11	Others	33	4.8%
Sysmiss		306	

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

### #135 p88c: Third major problem faced the establishment at present

**Information** [Type= discrete] [Format=numeric] [Range= 1-11] [Missing=\*]

**Statistics [NW/ W]** [Valid=469 /-] [Invalid=528 /-]

**Literal question** What are the three major problems that are facing the establishment at present ?

Value	Label	Cases	Percentage
1	Shortage of supply of raw materials	38	8.1%
2	Shortage of spare parts	23	4.9%
3	Difficult market competition	39	8.3%

## File Dataset at establishment level for 1996(2003-04)

### #135 p88c: Third major problem faced the establishment at present

Value	Label	Cases	Percentage
4	Getting market/customers	39	8.3%
5	Shortage of working capital	61	13.0%
6	Frequent machine breakage	62	13.2%
7	Inconvenient working place	45	9.6%
8	Problems with workers	10	2.1%
9	Government rules and regulation	103	22.0%
10	No problems faced	4	0.9%
11	Others	45	9.6%
Sysmiss		528	

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.

### #136 p89: Faced problems during export

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]		
Statistics [NW/ W]	[Valid=122 /-] [Invalid=875 /-]		
Literal question	If the factory exports, is there any problem faced ?		
Value	Label	Cases	Percentage
1	Yes	22	18.0%
2	No	100	82.0%
Sysmiss		875	

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.

### #137 p810a: Problem faced during export (1)

Information	[Type= continuous] [Format=numeric] [Range= 1-1] [Missing=*]
Statistics [NW/ W]	[Valid=8 /-] [Invalid=989 /-] [Mean=1 /-] [StdDev=0 /-]
Pre-question	If the answer for "If the factory exports, is there any problems faced ?" is code 1 (yes)
Literal question	Three main problems faced during export(in order of their degree of problem)

### #138 p810b: Problem faced during export (2)

Information	[Type= continuous] [Format=numeric] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=997 /-]
Pre-question	If the answer for "If the factory exports, is there any problems faced ?" is code 1 (yes)
Literal question	Three main problems faced during export(in order of their degree of problem)

### #139 p810c: Problem faced during export (3)

Information	[Type= continuous] [Format=numeric] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=997 /-]
Pre-question	If the answer for "If the factory exports, is there any problems faced ?" is code 1 (yes)
Literal question	Three main problems faced during export(in order of their degree of problem)

### #140 p811: Reason for using imported raw materials

Information	[Type= continuous] [Format=numeric] [Range= 1-6] [Missing=*]
Statistics [NW/ W]	[Valid=658 /-] [Invalid=339 /-] [Mean=2.257 /-] [StdDev=1.113 /-]
Literal question	Reason for using imported raw materials

## File Number of persons engaged (part31)

### #1 eid: Enterprise id

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 15110002-36109205] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=2894 /-] [Invalid=0 /-]
<b>Recoding and Derivation</b>	This variable is derived by combining two variables, i.e. ISIC and establishment. The enterprise id is unique for each questionnaire.

### #2 region: Region code

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-15] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=2894 /-] [Invalid=0 /-]
<b>Literal question</b>	Region code

Value	Label	Cases	Percentage
1	Tigray	198	6.8%
2	Afar	18	0.6%
3	Amhara	334	11.5%
4	Oromiya	452	15.6%
5	Somali	15	0.5%
6	Benishabgul gumuz	0	0.0%
7	SNNPR	279	9.6%
12	Gambella	6	0.2%
13	Harari	44	1.5%
14	Addis Ababa	1477	51.0%
15	Dire Dawa	71	2.5%

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

### #3 srefyear: Survey reference year

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1996-1996] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=2894 /-] [Invalid=0 /-]
<b>Literal question</b>	Survey reference year

Value	Label	Cases	Percentage
1996	1996 E.C (2003-2004)	2894	100.0%

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

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

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1511-3610] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=2894 /-] [Invalid=0 /-]
<b>Literal question</b>	International standard industrial classification (ISIC)

Value	Label	Cases	Percentage
1511	Production, processing and preserving of meat, fruit and veg	21	0.7%
1514	manufacture of edible oil	80	2.8%
1520	Manufacture of dairy products	9	0.3%
1531	Manufacture of flour	218	7.5%
1533	Manufacture of animal feed	10	0.3%
1541	manufacture of bakery	332	11.5%
1542	Manufacture of sugar and confecionary	34	1.2%
1544	manufacture of pasta and macaroni	20	0.7%
1549	Manufacture of food NEC	31	1.1%

## File Number of persons engaged (part31)

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

Value	Label	Cases	Percentage
1551	Distilling rectifying and blending of spirit	22	0.8%
1552	Manufacture of wine	3	0.1%
1553	Malt liquores and malt	22	0.8%
1554	Manufacture of soft drinks	34	1.2%
1600	Manufacture of tobacco	3	0.1%
1710	spining , weaving and finishing	73	2.5%
1723	Manufacture of cordage rope and twine	6	0.2%
1730	Kniting mills	18	0.6%
1810	manufacture of wearing apparal except fur	90	3.1%
1910	Tanning and dressing of leather	46	1.6%
1920	manufacture of footwear	127	4.4%
2000	Manufacture wood and wood products	65	2.2%
2100	Manufacture of paper and paper products	19	0.7%
2200	Publishing and printing services	177	6.1%
2411	Manufacture of basic chemicals except fertilzers	19	0.7%
2421		3	0.1%
2422	Manufacture of paints varnishes	22	0.8%
2423	Manufacture of phrmaceuticals, medicinal	17	0.6%
2424	Manufacture of soap detregents, perfumes..	55	1.9%
2429	Manufacture of chemical productsNEC	13	0.4%
2510	Manufacture of rubber	11	0.4%
2520	Manufacture of plastics	94	3.2%
2610	Manufacture of glass and glass products	6	0.2%
2693	Manufacture of structural clay products	11	0.4%
2694	Manufacture of cement ,lime and plaster	23	0.8%
2695	Manufacture of articles of concrete, cement	242	8.4%
2699	Manufacture of non-metalic NEC	60	2.1%
2710	Manufacture of basic iron and steel	35	1.2%
2811	Manufacture of structural metal products	140	4.8%
2892	Manufacture of cuttlery hand tools....	35	1.2%
2893	Manufacture of other fabricated metal products	22	0.8%
2899	Manufacture of pumps,compressors, valves and taps	30	1.0%
2914	Manufacture of ovens	13	0.4%
2925	Manufacture of other general purpose machnery	12	0.4%
3140	Manufacture of battries	4	0.1%
3420	manufacture of bodies for mothor vechiles	13	0.4%
3430	manufacture of parts and accessories	6	0.2%
3610	Manufacture of furniture	548	18.9%

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

### #5 p31c1: General occupation

Information	[Type= discrete] [Format=numeric] [Range= 1-7] [Missing=*]
Statistics [NW/ W]	[Valid=2894 /-] [Invalid=0 /-]
Definition	This variable is part of section 3.1 (Number of Persons Engaged) of the questionnaire

## File Number of persons engaged (part31)

### #5 p31c1: General occupation

Literal question		General occupation	
Value	Label	Cases	Percentage
1	Working proprietors, active partners and family workers	351	12.1%
2	Un-paid apprentices	89	3.1%
3	Administrative, technical employees, clerical and office wor	886	30.6%
4	Production workers	930	32.1%
5	Paid apprentices	56	1.9%
6	Seasonal and temporary workers	582	20.1%
7	Total	0	0.0%

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

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

Information	[Type= continuous] [Format=numeric] [Range= 1-1235] [Missing=*]
Statistics [NW/ W]	[Valid=2127 /-] [Invalid=767 /-] [Mean=27.359 /-] [StdDev=77.735 /-]
Definition	This variable is part of section 3.1 (Number of Persons Engaged) of the questionnaire
Universe	All employees
Literal question	Number of male Ethiopian employees for the month September (Meskerem)

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

Information	[Type= continuous] [Format=numeric] [Range= 1-1527] [Missing=*]
Statistics [NW/ W]	[Valid=1398 /-] [Invalid=1496 /-] [Mean=19.781 /-] [StdDev=71.201 /-]
Definition	This variable is part of section 3.1 (Number of Persons Engaged) of the questionnaire
Universe	All employees
Literal question	Number of female Ethiopian employees for the month September (Meskerem)

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

Information	[Type= continuous] [Format=numeric] [Range= 1-32] [Missing=*]
Statistics [NW/ W]	[Valid=41 /-] [Invalid=2853 /-] [Mean=3.732 /-] [StdDev=5.983 /-]
Definition	This variable is part of section 3.1 (Number of Persons Engaged) of the questionnaire
Universe	All employees
Literal question	Number of foreigner employees for the month September (Meskerem)

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

Information	[Type= continuous] [Format=numeric] [Range= 1-1235] [Missing=*]
Statistics [NW/ W]	[Valid=2136 /-] [Invalid=758 /-] [Mean=27.352 /-] [StdDev=79.677 /-]
Definition	This variable is part of section 3.1 (Number of Persons Engaged) of the questionnaire
Universe	All employees
Literal question	Number of male Ethiopian employees for the month December (Tahisas)

### #10 p31c7: Number of female Ethiopian employees for the month December (Tahisas)

Information	[Type= continuous] [Format=numeric] [Range= 1-1513] [Missing=*]
Statistics [NW/ W]	[Valid=1401 /-] [Invalid=1493 /-] [Mean=20.042 /-] [StdDev=74.803 /-]
Definition	This variable is part of section 3.1 (Number of Persons Engaged) of the questionnaire
Universe	All employees

## File Number of persons engaged (part31)

### #10 p31c7: Number of female Ethiopian employees for the month December (Tahisas)

<b>Literal question</b>	Number of female Ethiopian employees for the month December (Tahisas)
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### #11 p31c8: Number of foreigner employees for the month December (Tahisas)

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 1-32] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=41 /-] [Invalid=2853 /-] [Mean=3.732 /-] [StdDev=5.983 /-]
<b>Definition</b>	This variable is part of section 3.1 (Number of Persons Engaged) of the questionnaire
<b>Universe</b>	All employees
<b>Literal question</b>	Number of foreigner employees for the month December (Tahisas)

### #12 p31c9: Number of male Ethiopian employees for the month March (Megabit)

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 1-1235] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=2161 /-] [Invalid=733 /-] [Mean=27.2 /-] [StdDev=79.011 /-]
<b>Definition</b>	This variable is part of section 3.1 (Number of Persons Engaged) of the questionnaire
<b>Universe</b>	All employees
<b>Literal question</b>	Number of male Ethiopian employees for the month March (Megabit)

### #13 p31c10: Number of female Ethiopian employees for the month March (Megabit)

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 1-1504] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=1423 /-] [Invalid=1471 /-] [Mean=19.783 /-] [StdDev=73.965 /-]
<b>Definition</b>	This variable is part of section 3.1 (Number of Persons Engaged) of the questionnaire
<b>Universe</b>	All employees
<b>Literal question</b>	Number of female Ethiopian employees for the month March (Megabit)

### #14 p31c11: Number of foreigner employees for the month March (Megabit)

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 1-32] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=41 /-] [Invalid=2853 /-] [Mean=3.732 /-] [StdDev=5.983 /-]
<b>Definition</b>	This variable is part of section 3.1 (Number of Persons Engaged) of the questionnaire
<b>Universe</b>	All employees
<b>Literal question</b>	Number of foreigner employees for the month March (Megabit)

### #15 p31c12: Number of male Ethiopian employees for the month June (Sene)

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 1-1235] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=2184 /-] [Invalid=710 /-] [Mean=27.155 /-] [StdDev=78.693 /-]
<b>Definition</b>	This variable is part of section 3.1 (Number of Persons Engaged) of the questionnaire
<b>Universe</b>	All employees
<b>Literal question</b>	Number of male Ethiopian employees for the month June (Sene)

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

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 1-1453] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=1442 /-] [Invalid=1452 /-] [Mean=19.737 /-] [StdDev=72.877 /-]
<b>Definition</b>	This variable is part of section 3.1 (Number of Persons Engaged) of the questionnaire
<b>Universe</b>	All employees
<b>Literal question</b>	Number of female Ethiopian employees for the month June (Sene)

## File Number of persons engaged (part31)

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

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 1-32] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=41 /-] [Invalid=2853 /-] [Mean=3.732 /-] [StdDev=5.983 /-]
<b>Definition</b>	This variable is part of section 3.1 (Number of Persons Engaged) of the questionnaire
<b>Universe</b>	All employees
<b>Literal question</b>	Number of foreigner employees for the month June (Sene)

### #18 p31c15: Persons per month

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 1-12744] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=582 /-] [Invalid=2312 /-] [Mean=373.565 /-] [StdDev=916.666 /-]
<b>Definition</b>	This variable is part of section 3.1 (Number of Persons Engaged) of the questionnaire
<b>Universe</b>	Seasonal and temporary workers
<b>Literal question</b>	Persons per month

### #19 p31c16: Wage for temporary workers

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 140-4379541] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=583 /-] [Invalid=2311 /-] [Mean=95647.437 /-] [StdDev=267694.199 /-]
<b>Definition</b>	This variable is part of section 3.1 (Number of Persons Engaged) of the questionnaire
<b>Universe</b>	Seasonal and temporary workers
<b>Literal question</b>	Wage for temporary workers

## File Wages and salaries and other employee benefits paid (part32)

### #1 eid: Enterprise id

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 15110002-36109205] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=1922 /-] [Invalid=0 /-]
<b>Literal question</b>	Enterprise id
<b>Recoding and Derivation</b>	This variable is derived by combining two variables, i.e. ISIC and establishment. The enterprise id is unique for each questionnaire.

### #2 region: Region code

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-15] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=1922 /-] [Invalid=0 /-]
<b>Literal question</b>	Region code

Value	Label	Cases	Percentage
1	Tigray	131	6.8%
2	Afar	11	0.6%
3	Amhara	196	10.2%
4	Oromiya	298	15.5%
5	Somali	11	0.6%
6	Benishabgul gumuz	0	0.0%
7	SNNPR	167	8.7%
12	Gambella	4	0.2%
13	Harari	27	1.4%
14	Addis Ababa	1030	53.6%

## File Wages and salaries and other employee benefits paid (part32)

### #2 region: Region code

Value	Label	Cases	Percentage
15	Dire Dawa	47	2.4%

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.

### #3 srefyear: Survey reference year

Information	[Type= discrete] [Format=numeric] [Range= 1996-1996] [Missing=*]
Statistics [NW/ W]	[Valid=1922 /-] [Invalid=0 /-]
Literal question	Survey reference year

Value	Label	Cases	Percentage
1996	1996 E.C (2003-2004)	1922	100.0%

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

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

Information	[Type= discrete] [Format=numeric] [Range= 1511-3610] [Missing=*]
Statistics [NW/ W]	[Valid=1922 /-] [Invalid=0 /-]
Literal question	International standard industrial classification (ISIC)

Value	Label	Cases	Percentage
1511	Production, processing and preserving of meat, fruit and veg	14	0.7%
1514	manufacture of edible oil	46	2.4%
1520	Manufacture of dairy products	6	0.3%
1531	Manufacture of flour	149	7.8%
1533	Manufacture of animal feed	8	0.4%
1541	manufacture of bakery	221	11.5%
1542	Manufacture of sugar and confecionary	18	0.9%
1544	manufacture of pasta and macaroni	13	0.7%
1549	Manufacture of food NEC	20	1.0%
1551	Distiling rectifying and blending of spirit	18	0.9%
1552	Manufacture of wine	2	0.1%
1553	Malt liquores and malt	14	0.7%
1554	Manufacture of soft drinks	20	1.0%
1600	Manufacture of tobacco	2	0.1%
1710	spining , weaving and finishing	54	2.8%
1723	Manufacture of cordage rope and twine	4	0.2%
1730	Kniting mills	14	0.7%
1810	manufacture of wearing apparal except fur	61	3.2%
1910	Tanning and dressing of leather	34	1.8%
1920	manufacture of footwear	84	4.4%
2000	Manufacture wood and wood products	40	2.1%
2100	Manufacture of paper and paper products	14	0.7%
2200	Publishing and printing services	131	6.8%
2411	Manufacture of basic chemicals except fertilizers	14	0.7%
2421		2	0.1%
2422	Manufacture of paints varnishes	16	0.8%
2423	Manufacture of phrmaceuticals, medicinal	12	0.6%
2424	Manufacture of soap detregents, perfumes..	39	2.0%



## File Wages and salaries and other employee benefits paid (part32)

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

Value	Label	Cases	Percentage
2429	Manufacture of chemical productsNEC	11	0.6%
2510	Manufacture of rubber	8	0.4%
2520	Manufacture of plastics	76	4.0%
2610	Manufacture of glass and glass products	3	0.2%
2693	Manufacture of structural clay products	6	0.3%
2694	Manufacture of cement ,lime and plaster	15	0.8%
2695	Manufacture of articles of concrete, cement	151	7.9%
2699	Manufacture of non-metalic NEC	41	2.1%
2710	Manufacture of basic iron and steel	26	1.4%
2811	Manufacture of structural metal products	86	4.5%
2892	Manufacture of cuttlery hand tools...	25	1.3%
2893	Manufacture of other fabricated metal products	15	0.8%
2899	Manufacture of pumps,compressors, valves and taps	23	1.2%
2914	Manufacture of ovens	10	0.5%
2925	Manufacture of other general purpose machnery	8	0.4%
3140	Manufacture of battries	2	0.1%
3420	manufacture of bodies for mothor vechiles	10	0.5%
3430	manufacture of parts and accessories	5	0.3%
3610	Manufacture of furniture	331	17.2%

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

### #5 p32c1: General occupation

Information	[Type= discrete] [Format=numeric] [Range= 1-4] [Missing=*]
Statistics [NW/ W]	[Valid=1922 -] [Invalid=0 -]
Literal question	General occupation

Value	Label	Cases	Percentage
1	Paid apprentices	54	2.8%
2	Administrative, technical employees, clerical and office wor	889	46.3%
3	Production workers	979	50.9%
4	Total	0	0.0%

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

### #6 p32c3: Wage for male Ethiopian

Information	[Type= continuous] [Format=numeric] [Range= 200-18990526] [Missing=*]
Statistics [NW/ W]	[Valid=1828 -] [Invalid=94 -] [Mean=276347.234 -] [StdDev=970892.258 -]
Universe	Permanent employees
Literal question	Wage for male Ethiopian

### #7 p32c4: Wage for female Ethiopian

Information	[Type= continuous] [Format=numeric] [Range= 180-10440080] [Missing=*]
Statistics [NW/ W]	[Valid=1293 -] [Invalid=629 -] [Mean=142575.083 -] [StdDev=508974.187 -]
Universe	Permanent employees
Literal question	Wage for female Ethiopian

## File Wages and salaries and other employee benefits paid (part32)

### #8 p32c5: Wage for foreigners

Information	[Type= continuous] [Format=numeric] [Range= 2595-13926013] [Missing=*]
Statistics [NW/ W]	[Valid=31 -] [Invalid=1891 -] [Mean=871254.226 -] [StdDev=2620911.632 -]
Universe	Permanent employees
Literal question	Wage for foreigners

### #9 p32c6: Wage total

Information	[Type= continuous] [Format=numeric] [Range= 200-26791601] [Missing=*]
Statistics [NW/ W]	[Valid=1872 -] [Invalid=50 -] [Mean=382757.055 -] [StdDev=1411073.166 -]
Universe	Permanent employees
Literal question	Wage total

### #10 p32c7: Commission, bonuses, proffional and hardship allowance

Information	[Type= continuous] [Format=numeric] [Missing=*]
Statistics [NW/ W]	[Valid=0 -] [Invalid=1922 -]
Universe	Permanent employees
Literal question	Commission, bonuses, proffional and hardship allowance

### #11 p32c8: Actual cost of the establishmnet on food, lodging, medical and other benefits provided to employees free of charge

Information	[Type= continuous] [Format=numeric] [Range= 750-750] [Missing=*]
Statistics [NW/ W]	[Valid=1 -] [Invalid=1921 -] [Mean=750 -]
Universe	Permanent employees
Literal question	Actual cost of the establishmnet on food, lodging, medical and other benefits provided to employees free of charge

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

Information	[Type= continuous] [Format=numeric] [Range= 1-1] [Missing=*]
Statistics [NW/ W]	[Valid=1 -] [Invalid=1921 -] [Mean=1 -]
Universe	Permanent employees
Literal question	Establishments contribution on behalf of employees to pension, life and casualty insurance schemes

### #13 p32c10: No of shifts

Information	[Type= continuous] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=657 -] [Invalid=1265 -] [Mean=1.373 -] [StdDev=0.658 -]
Universe	Permanent employees
Literal question	Number of shifts

### #14 p32c11: No of hours per day

Information	[Type= continuous] [Format=numeric] [Range= 2-24] [Missing=*]
Statistics [NW/ W]	[Valid=570 -] [Invalid=1352 -] [Mean=9.833 -] [StdDev=4.525 -]
Universe	Permanent employees
Literal question	Number of hours per day

### #15 p32c12: Months

Information	[Type= continuous] [Format=numeric] [Range= 1-12] [Missing=*]
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## File Wages and salaries and other employee benefits paid (part32)

### #15 p32c12: Months

<b>Statistics [NW/ W]</b>	[Valid=520 /-] [Invalid=1402 /-] [Mean=10.427 /-] [StdDev=2.433 /-]
<b>Universe</b>	Permanent employees
<b>Literal question</b>	Months

### #16 p32c13: No of workers per shift

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 1-41003] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=600 /-] [Invalid=1322 /-] [Mean=112.422 /-] [StdDev=1675.29 /-]
<b>Definition</b>	This variable is part of section 3.1 (Number of Persons Engaged) of the questionnaire
<b>Universe</b>	Permanent employees
<b>Literal question</b>	Number of workers per shift

## File Number of permanent employees by basic salary group (part33)

### #1 eid: Enterprise id

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 15110002-36109205] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=1773 /-] [Invalid=0 /-]
<b>Literal question</b>	Enterprise id
<b>Recoding and Derivation</b>	This variable is derived by combining two variables, i.e. ISIC and establishment. The enterprise id is unique for each questionnaire.

### #2 region: Region code

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-15] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=1773 /-] [Invalid=0 /-]
<b>Literal question</b>	Region code

Value	Label	Cases	Percentage
1	Tigray	111	6.3%
2	Afar	9	0.5%
3	Amhara	167	9.4%
4	Oromiya	264	14.9%
5	Somali	10	0.6%
6	Benishabgul gumuz	0	0.0%
7	SNNPR	134	7.6%
12	Gambella	3	0.2%
13	Harari	21	1.2%
14	Addis Ababa	1012	57.1%
15	Dire Dawa	42	2.4%

*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.*

### #3 srefyear: Survey reference year

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1996-1996] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=1773 /-] [Invalid=0 /-]
<b>Literal question</b>	Survey reference year

Value	Label	Cases	Percentage
1996	1996 E.C (2003-2004)	1773	100.0%

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

## File Number of permanent employees by basic salary group (part33)

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

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

**Statistics [NW/ W]** [Valid=1773 /-] [Invalid=0 /-]

**Literal question** International standard industrial classification (ISIC)

Value	Label	Cases	Percentage
1511	Production, processing and preserving of meat, fruit and veg	14	0.8%
1514	manufacture of edible oil	37	2.1%
1520	Manufacture of dairy products	6	0.3%
1531	Manufacture of flour	142	8.0%
1533	Manufacture of animal feed	8	0.5%
1541	manufacture of bakery	223	12.6%
1542	Manufacture of sugar and confecionary	20	1.1%
1544	manufacture of pasta and macaroni	12	0.7%
1549	Manufacture of food NEC	19	1.1%
1551	Distiling rectifying and blending of spirit	18	1.0%
1552	Manufacture of wine	2	0.1%
1553	Malt liquores and malt	14	0.8%
1554	Manufacture of soft drinks	20	1.1%
1600	Manufacture of tobacco	2	0.1%
1710	spining , weaving and finishing	54	3.0%
1723	Manufacture of cordage rope and twine	4	0.2%
1730	Kniting mills	16	0.9%
1810	manufacture of wearing apparal except fur	64	3.6%
1910	Tanning and dressing of leather	34	1.9%
1920	manufacture of footwear	86	4.9%
2000	Manufacture wood and wood products	34	1.9%
2100	Manufacture of paper and paper products	13	0.7%
2200	Publishing and printing services	131	7.4%
2411	Manufacture of basic chemicals except fertilizers	12	0.7%
2421		2	0.1%
2422	Manufacture of paints varnishes	16	0.9%
2423	Manufacture of phrmaceuticals, medicinal	12	0.7%
2424	Manufacture of soap detregents, perfumes..	36	2.0%
2429	Manufacture of chemical productsNEC	12	0.7%
2510	Manufacture of rubber	8	0.5%
2520	Manufacture of plastics	75	4.2%
2610	Manufacture of glass and glass products	3	0.2%
2693	Manufacture of structural clay products	5	0.3%
2694	Manufacture of cement ,lime and plaster	15	0.8%
2695	Manufacture of articles of concrete, cement	131	7.4%
2699	Manufacture of non-metalic NEC	32	1.8%
2710	Manufacture of basic iron and steel	26	1.5%
2811	Manufacture of structural metal products	69	3.9%
2892	Manufacture of cuttlery hand tools....	19	1.1%
2893	Manufacture of other fabricated metal products	15	0.8%

## File Number of permanent employees by basic salary group (part33)

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

Value	Label	Cases	Percentage
2899	Manufacture of pumps,compressors, valves and taps	22	1.2%
2914	Manufacture of ovens	10	0.6%
2925	Manufacture of other general purpose machinery	6	0.3%
3140	Manufacture of batteries	1	0.1%
3420	manufacture of bodies for motor vehicles	10	0.6%
3430	manufacture of parts and accessories	4	0.2%
3610	Manufacture of furniture	259	14.6%

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

### #5 p33c1: Sex

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=1773 /-] [Invalid=0 /-]
Definition	This variable is part of section 3.3 (Number of Permanent Employees by Basic Salary Group) of the questionnaire
Universe	Permanent employees
Literal question	Sex of permanent employees

Value	Label	Cases	Percentage
1	Male		
2	Female		
3	Total		

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

### #6 p33c3: Number of permanent employees with salary group under 75

Information	[Type= continuous] [Format=numeric] [Range= 1-14] [Missing=*]
Statistics [NW/ W]	[Valid=99 /-] [Invalid=1674 /-] [Mean=2.404 /-] [StdDev=2.308 /-]
Definition	This variable is part of section 3.3 (Number of Permanent Employees by Basic Salary Group) of the questionnaire
Universe	Permanent employees
Literal question	Number of permanent employees with salary group under 75

### #7 p33c4: Number of permanent employees with salary group between 75 and 105

Information	[Type= continuous] [Format=numeric] [Range= 1-35] [Missing=*]
Statistics [NW/ W]	[Valid=271 /-] [Invalid=1502 /-] [Mean=2.875 /-] [StdDev=3.469 /-]
Definition	This variable is part of section 3.3 (Number of Permanent Employees by Basic Salary Group) of the questionnaire
Universe	Permanent employees
Literal question	Number of permanent employees with salary group between 75 and 105

### #8 p33c5: Number of permanent employees with salary group between 105 and 150

Information	[Type= continuous] [Format=numeric] [Range= 1-195] [Missing=*]
Statistics [NW/ W]	[Valid=464 /-] [Invalid=1309 /-] [Mean=4.252 /-] [StdDev=10.258 /-]
Definition	This variable is part of section 3.3 (Number of Permanent Employees by Basic Salary Group) of the questionnaire
Universe	Permanent employees
Literal question	Number of permanent employees with salary group between 105 and 150

### #9 p33c6: Number of permanent employees with salary group between 150 and 200

Information	[Type= continuous] [Format=numeric] [Range= 1-220] [Missing=*]
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<b>File Number of permanent employees by basic salary group (part33)</b>	
<b>#9 p33c6: Number of permanent employees with salary group between 150 and 200</b>	
<b>Statistics [NW/ W]</b>	[Valid=828 /-] [Invalid=945 /-] [Mean=6.543 /-] [StdDev=16.383 /-]
<b>Definition</b>	This variable is part of section 3.3 (Number of Permanent Employees by Basic Salary Group) of the questionnaire
<b>Universe</b>	Permanent employees
<b>Literal question</b>	Number of permanent employees with salary group between 150 and 200
<b>#10 p33c7: Number of permanent employees with salary group between 200 and 250</b>	
<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 1-324] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=884 /-] [Invalid=889 /-] [Mean=6.842 /-] [StdDev=16.431 /-]
<b>Definition</b>	This variable is part of section 3.3 (Number of Permanent Employees by Basic Salary Group) of the questionnaire
<b>Universe</b>	Permanent employees
<b>Literal question</b>	Number of permanent employees with salary group between 200 and 250
<b>#11 p33c8: Number of permanent employees with salary group between 250 and 300</b>	
<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 1-456] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=887 /-] [Invalid=886 /-] [Mean=9.93 /-] [StdDev=31.945 /-]
<b>Definition</b>	This variable is part of section 3.3 (Number of Permanent Employees by Basic Salary Group) of the questionnaire
<b>Universe</b>	Permanent employees
<b>Literal question</b>	Number of permanent employees with salary group between 250 and 300
<b>#12 p33c9: Number of permanent employees with salary group between 300 and 400</b>	
<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 1-752] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=1046 /-] [Invalid=727 /-] [Mean=13.935 /-] [StdDev=49.739 /-]
<b>Definition</b>	This variable is part of section 3.3 (Number of Permanent Employees by Basic Salary Group) of the questionnaire
<b>Universe</b>	Permanent employees
<b>Literal question</b>	Number of permanent employees with salary group between 300 and 400
<b>#13 p33c10: Number of permanent employees with salary group between 400 and 500</b>	
<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 1-578] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=928 /-] [Invalid=845 /-] [Mean=11.385 /-] [StdDev=35.149 /-]
<b>Definition</b>	This variable is part of section 3.3 (Number of Permanent Employees by Basic Salary Group) of the questionnaire
<b>Universe</b>	Permanent employees
<b>Literal question</b>	Number of permanent employees with salary group between 400 and 500
<b>#14 p33c11: Number of permanent employees with salary group between 500 and 700</b>	
<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 1-234] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=946 /-] [Invalid=827 /-] [Mean=14.537 /-] [StdDev=30.578 /-]
<b>Definition</b>	This variable is part of section 3.3 (Number of Permanent Employees by Basic Salary Group) of the questionnaire
<b>Universe</b>	Permanent employees
<b>Literal question</b>	Number of permanent employees with salary group between 500 and 700
<b>#15 p33c12: Number of permanent employees with salary group between 700 and 1000</b>	
<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 1-533] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=764 /-] [Invalid=1009 /-] [Mean=15.819 /-] [StdDev=40.07 /-]
<b>Definition</b>	This variable is part of section 3.3 (Number of Permanent Employees by Basic Salary Group) of the questionnaire

## File Number of permanent employees by basic salary group (part33)

### #15 p33c12: Number of permanent employees with salary group between 700 and 1000

Universe	Permanent employees
Literal question	Number of permanent employees with salary group between 700 and 1000

### #16 p33c13: Number of permanent employees with salary group between 1000 and 1500

Information	[Type= continuous] [Format=numeric] [Range= 1-486] [Missing=*]
Statistics [NW/ W]	[Valid=618 /-] [Invalid=1155 /-] [Mean=12.181 /-] [StdDev=34.112 /-]
Definition	This variable is part of section 3.3 (Number of Permanent Employees by Basic Salary Group) of the questionnaire
Universe	Permanent employees
Literal question	Number of permanent employees with salary group between 1000 and 1500

### #17 p33c14: Number of permanent employees with salary group between 1500 and 2000

Information	[Type= continuous] [Format=numeric] [Range= 1-267] [Missing=*]
Statistics [NW/ W]	[Valid=397 /-] [Invalid=1376 /-] [Mean=6.861 /-] [StdDev=21.178 /-]
Definition	This variable is part of section 3.3 (Number of Permanent Employees by Basic Salary Group) of the questionnaire
Universe	Permanent employees
Literal question	Number of permanent employees with salary group between 1500 and 2000

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

Information	[Type= continuous] [Format=numeric] [Range= 1-153] [Missing=*]
Statistics [NW/ W]	[Valid=364 /-] [Invalid=1409 /-] [Mean=5.467 /-] [StdDev=12.715 /-]
Definition	This variable is part of section 3.3 (Number of Permanent Employees by Basic Salary Group) of the questionnaire
Universe	Permanent employees
Literal question	Number of permanent employees with salary group over 2000

### #19 p33c16: Total number of permanent employees

Information	[Type= continuous] [Format=numeric] [Range= 1-1800] [Missing=*]
Statistics [NW/ W]	[Valid=1773 /-] [Invalid=0 /-] [Mean=48.779 /-] [StdDev=135.319 /-]
Definition	This variable is part of section 3.3 (Number of Permanent Employees by Basic Salary Group) of the questionnaire
Universe	Permanent employees
Literal question	Total number of permanent employees

## File Products and by-products (part41)

### #1 eid: Enterprise id

Information	[Type= discrete] [Format=numeric] [Range= 15110002-36109205] [Missing=*]
Statistics [NW/ W]	[Valid=4197 /-] [Invalid=0 /-]
Literal question	Enterprise id
Recoding and Derivation	This variable is derived by combining two variables, i.e. ISIC and establishment. The enterprise id is unique for each questionnaire.

### #2 region: Region code

Information	[Type= discrete] [Format=numeric] [Range= 1-15] [Missing=*]
Statistics [NW/ W]	[Valid=4197 /-] [Invalid=0 /-]
Literal question	Region code

## File Products and by-products (part41)

### #2 region: Region code

Value	Label	Cases	Percentage
1	Tigray	334	8.0%
2	Afar	17	0.4%
3	Amhara	419	10.0%
4	Oromiya	542	12.9%
5	Somali	15	0.4%
6	Benishabgul gumuz	0	0.0%
7	SNNPR	523	12.5%
12	Gambella	3	0.1%
13	Harari	73	1.7%
14	Addis Ababa	2184	52.0%
15	Dire Dawa	87	2.1%

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

### #3 srefyear: Survey reference year

Information	[Type= discrete] [Format=numeric] [Range= 1996-1996] [Missing=*]
Statistics [NW/ W]	[Valid=4197 /-] [Invalid=0 /-]
Literal question	Survey reference year

Value	Label	Cases	Percentage
1996	1996 E.C (2003-2004)	4197	100.0%

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

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

Information	[Type= discrete] [Format=numeric] [Range= 1511-3610] [Missing=*]
Statistics [NW/ W]	[Valid=4197 /-] [Invalid=0 /-]
Literal question	International standard industrial classification (ISIC)

Value	Label	Cases	Percentage
1511	Production, processing and preserving of meat, fruit and veg	33	0.8%
1514	manufacture of edible oil	82	2.0%
1520	Manufacture of dairy products	17	0.4%
1531	Manufacture of flour	185	4.4%
1533	Manufacture of animal feed	17	0.4%
1541	manufacture of bakery	347	8.3%
1542	Manufacture of sugar and confecionary	24	0.6%
1544	manufacture of pasta and macaroni	19	0.5%
1549	Manufacture of food NEC	35	0.8%
1551	Distiling rectifying and blending of spirit	57	1.4%
1552	Manufacture of wine	9	0.2%
1553	Malt liqores and malt	20	0.5%
1554	Manufacture of soft drinks	33	0.8%
1600	Manufacture of tobacco	3	0.1%
1710	spining , weaving and finishing	143	3.4%
1723	Manufacture of cordage rope and twine	13	0.3%
1730	Kniting mills	20	0.5%



## File Products and by-products (part41)

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

Value	Label	Cases	Percentage
1810	manufacture of wearing apparel except fur	170	4.1%
1910	Tanning and dressing of leather	64	1.5%
1920	manufacture of footwear	171	4.1%
2000	Manufacture wood and wood products	60	1.4%
2100	Manufacture of paper and paper products	26	0.6%
2200	Publishing and printing services	222	5.3%
2411	Manufacture of basic chemicals except fertilizers	18	0.4%
2421		5	0.1%
2422	Manufacture of paints varnishes	52	1.2%
2423	Manufacture of pharmaceuticals, medicinal	39	0.9%
2424	Manufacture of soap detergents, perfumes..	83	2.0%
2429	Manufacture of chemical products NEC	14	0.3%
2510	Manufacture of rubber	16	0.4%
2520	Manufacture of plastics	196	4.7%
2610	Manufacture of glass and glass products	14	0.3%
2693	Manufacture of structural clay products	7	0.2%
2694	Manufacture of cement ,lime and plaster	13	0.3%
2695	Manufacture of articles of concrete, cement	361	8.6%
2699	Manufacture of non-metalic NEC	73	1.7%
2710	Manufacture of basic iron and steel	68	1.6%
2811	Manufacture of structural metal products	190	4.5%
2892	Manufacture of cuttlery hand tools....	12	0.3%
2893	Manufacture of other fabricated metal products	38	0.9%
2899	Manufacture of pumps,compressors, valves and taps	32	0.8%
2914	Manufacture of ovens	25	0.6%
2925	Manufacture of other general purpose machinery	16	0.4%
3140	Manufacture of batteries	2	0.0%
3420	manufacture of bodies for motor vehicles	34	0.8%
3430	manufacture of parts and accessories	1	0.0%
3610	Manufacture of furniture	1118	26.6%

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

### #5 p41c1: Serial number for list of principal products

Information	[Type= discrete] [Format=numeric] [Range= 1-10] [Missing=*]		
Statistics [NW/ W]	[Valid=4197 /-] [Invalid=0 /-]		
Definition	This variable is part of section 4.1 (Products and By-products) of the questionnaire		
Literal question	Serial number for list of principal products		
Value	Label	Cases	Percentage
1	1	974	23.2%
2	2	785	18.7%
3	3	599	14.3%
4	4	468	11.2%
5	5	359	8.6%

## File Products and by-products (part41)

### #5 p41c1: Serial number for list of principal products

Value	Label	Cases	Percentage
6	6	280	6.7%
7	7	221	5.3%
8	8	185	4.4%
9	9	326	7.8%
10	10	0	0.0%

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

### #6 p41c4: Product code

Information	[Type= discrete] [Format=numeric] [Range= 1-1342] [Missing=*]
Statistics [NW/ W]	[Valid=1936 /-] [Invalid=2261 /-]
Definition	This variable is part of section 4.1 (Products and By-products) of the questionnaire
Literal question	Product code

Frequency table not shown (115 Modalities)

### #7 p41c5: Unit measurement code

Information	[Type= discrete] [Format=numeric] [Range= 2-90] [Missing=*]
Statistics [NW/ W]	[Valid=2043 /-] [Invalid=2154 /-]
Definition	This variable is part of section 4.1 (Products and By-products) of the questionnaire
Literal question	Unit measurement code

Frequency table not shown (60 Modalities)

### #8 p41c6: Average sales per unit

Information	[Type= continuous] [Format=numeric] [Range= 3-98005475] [Missing=*]
Statistics [NW/ W]	[Valid=3744 /-] [Invalid=453 /-] [Mean=318675.152 /-] [StdDev=3948092.861 /-]
Definition	This variable is part of section 4.1 (Products and By-products) of the questionnaire
Literal question	Average sales per unit

### #9 p41c7: Quantity produced

Information	[Type= continuous] [Format=numeric] [Range= 1-469270000] [Missing=*]
Statistics [NW/ W]	[Valid=3715 /-] [Invalid=482 /-] [Mean=516621.6 /-] [StdDev=9379489.093 /-]
Definition	This variable is part of section 4.1 (Products and By-products) of the questionnaire
Literal question	Quantity produced

### #10 p41c8: Value of production

Information	[Type= continuous] [Format=numeric] [Range= 44-521856765] [Missing=*]
Statistics [NW/ W]	[Valid=4125 /-] [Invalid=72 /-] [Mean=2591772.747 /-] [StdDev=16673700.752 /-]
Definition	This variable is part of section 4.1 (Products and By-products) of the questionnaire
Literal question	Value of production

### #11 p41c9: Total sales quantity

Information	[Type= continuous] [Format=numeric] [Range= 1-435629300] [Missing=*]
Statistics [NW/ W]	[Valid=3726 /-] [Invalid=471 /-] [Mean=410529.604 /-] [StdDev=8227615.689 /-]
Definition	This variable is part of section 4.1 (Products and By-products) of the questionnaire
Literal question	Total sales quantity

## File Products and by-products (part41)

### #12 p41c10: Total sales value

Information	[Type= continuous] [Format=numeric] [Range= 23-504509673] [Missing=*]
Statistics [NW/ W]	[Valid=4161 /-] [Invalid=36 /-] [Mean=2492336.187 /-] [StdDev=16377692.685 /-]
Definition	This variable is part of section 4.1 (Products and By-products) of the questionnaire
Literal question	Total sales value

### #13 p41c11: Exported sales quantity

Information	[Type= continuous] [Format=numeric] [Range= 18-504509673] [Missing=*]
Statistics [NW/ W]	[Valid=94 /-] [Invalid=4103 /-] [Mean=5753319.415 /-] [StdDev=52000978.274 /-]
Definition	This variable is part of section 4.1 (Products and By-products) of the questionnaire
Literal question	Exported sales quantity

### #14 p41c12: Exported sales value

Information	[Type= continuous] [Format=numeric] [Range= 6188-88925505] [Missing=*]
Statistics [NW/ W]	[Valid=99 /-] [Invalid=4098 /-] [Mean=7418366.495 /-] [StdDev=14924598.405 /-]
Definition	This variable is part of section 4.1 (Products and By-products) of the questionnaire
Literal question	Exported sales value

## File Value of stocks (part5)

### #1 eid: Enterprise id

Information	[Type= discrete] [Format=numeric] [Range= 15110002-36109202] [Missing=*]
Statistics [NW/ W]	[Valid=1691 /-] [Invalid=0 /-]
Literal question	Enterprise id
Recoding and Derivation	This variable is derived by combining two variables, i.e. ISIC and establishment. The enterprise id is unique for each questionnaire.

### #2 region: Region code

Information	[Type= discrete] [Format=numeric] [Range= 1-15] [Missing=*]
Statistics [NW/ W]	[Valid=1691 /-] [Invalid=0 /-]
Literal question	Region code

Value	Label	Cases	Percentage
1	Tigray	82	4.8%
2	Afar	11	0.7%
3	Amhara	122	7.2%
4	Oromiya	269	15.9%
5	Somali	7	0.4%
6	Benishabgul gumuz	0	0.0%
7	SNNPR	199	11.8%
12	Gambella	1	0.1%
13	Harari	32	1.9%
14	Addis Ababa	930	55.0%
15	Dire Dawa	38	2.2%

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

### #3 srefyear: Survey reference year

Information	[Type= discrete] [Format=numeric] [Range= 1996-1996] [Missing=*]
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## File Value of stocks (part5)

### #3 srefyear: Survey reference year

**Statistics [NW/ W]** [Valid=1691 /-] [Invalid=0 /-]

**Literal question** Survey reference year

Value	Label	Cases	Percentage
1996	1996 E.C (2003-2004)	1691	100.0%

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

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

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

**Statistics [NW/ W]** [Valid=1691 /-] [Invalid=0 /-]

**Literal question** International standard industrial classification (ISIC)

Value	Label	Cases	Percentage
1511	Production, processing and preserving of meat, fruit and veg	11	0.7%
1514	manufacture of edible oil	37	2.2%
1520	Manufacture of dairy products	5	0.3%
1531	Manufacture of flour	126	7.5%
1533	Manufacture of animal feed	6	0.4%
1541	manufacture of bakery	97	5.7%
1542	Manufacture of sugar and confecionary	13	0.8%
1544	manufacture of pasta and macaroni	10	0.6%
1549	Manufacture of food NEC	25	1.5%
1551	Distiling rectifying and blending of spirit	15	0.9%
1552	Manufacture of wine	3	0.2%
1553	Malt liquores and malt	22	1.3%
1554	Manufacture of soft drinks	26	1.5%
1600	Manufacture of tobacco	2	0.1%
1710	spining , weaving and finishing	64	3.8%
1723	Manufacture of cordage rope and twine	6	0.4%
1730	Kniting mills	12	0.7%
1810	manufacture of wearing apparal except fur	69	4.1%
1910	Tanning and dressing of leather	41	2.4%
1920	manufacture of footwear	89	5.3%
2000	Manufacture wood and wood products	32	1.9%
2100	Manufacture of paper and paper products	14	0.8%
2200	Publishing and printing services	100	5.9%
2411	Manufacture of basic chemicals except fertilizers	17	1.0%
2421		2	0.1%
2422	Manufacture of paints varnishes	20	1.2%
2423	Manufacture of phrmaceuticals, medicinal	15	0.9%
2424	Manufacture of soap detregents, perfumes..	42	2.5%
2429	Manufacture of chemical productsNEC	10	0.6%
2510	Manufacture of rubber	10	0.6%
2520	Manufacture of plastics	92	5.4%
2610	Manufacture of glass and glass products	4	0.2%
2693	Manufacture of structural clay products	6	0.4%

## File Value of stocks (part5)

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

Value	Label	Cases	Percentage
2694	Manufacture of cement ,lime and plaster	17	1.0%
2695	Manufacture of articles of concrete, cement	135	8.0%
2699	Manufacture of non-metalic NEC	35	2.1%
2710	Manufacture of basic iron and steel	32	1.9%
2811	Manufacture of structural metal products	54	3.2%
2892	Manufacture of cuttlery hand tools....	7	0.4%
2893	Manufacture of other fabricated metal products	20	1.2%
2899	Manufacture of pumps,compressors, valves and taps	17	1.0%
2914	Manufacture of ovens	10	0.6%
2925	Manufacture of other general purpose machnery	5	0.3%
3140	Manufacture of battries	2	0.1%
3420	manufacture of bodies for mothor vechiles	15	0.9%
3430	manufacture of parts and accessories	2	0.1%
3610	Manufacture of furniture	297	17.6%

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

### #5 p5c1: Type of stock

Information	[Type= discrete] [Format=numeric] [Range= 1-4] [Missing=*]
Statistics [NW/ W]	[Valid=1690 -/] [Invalid=1 -/]
Definition	This variable is part of section 5 (Type of Stocks) of the questionnaire
Literal question	Type of stock

Value	Label	Cases	Percentage
1	Finished goods	596	35.3%
2	Semi-finished goods	321	19.0%
3	Raw materials	721	42.7%
4	Goods bought for resale	52	3.1%
Sysmiss		1	

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

### #6 p5c3: Stocks at the beginning of the year

Information	[Type= continuous] [Format=numeric] [Range= 150-162635572] [Missing=*]
Statistics [NW/ W]	[Valid=1457 -/] [Invalid=234 -/] [Mean=2484212.215 -/] [StdDev=8284591.461 -/]
Definition	This variable is part of section 5 (Type of Stocks) of the questionnaire
Literal question	Stocks value at the begining of the year

### #7 p5c4: Stocks at the end of the year

Information	[Type= continuous] [Format=numeric] [Range= 78-163292357] [Missing=*]
Statistics [NW/ W]	[Valid=1625 -/] [Invalid=66 -/] [Mean=2429072.665 -/] [StdDev=8411588.08 -/]
Definition	This variable is part of section 5 (Type of Stocks) of the questionnaire
Literal question	Stocks value at the end of the year

### #8 p5c5: Stocks difference (end - begining)

Information	[Type= continuous] [Format=numeric] [Range= -40493104-38923667] [Missing=*]
Statistics [NW/ W]	[Valid=1639 -/] [Invalid=52 -/] [Mean=199966.982 -/] [StdDev=2955676.375 -/]

## File Value of stocks (part5)

### #8 p5c5: Stocks difference (end - beginning)

<b>Definition</b>	This variable is part of section 5 (Type of Stocks) of the questionnaire
<b>Literal question</b>	Stocks value difference (end - beginning)

## File Cost and quantity of raw materials, parts and containers used (part61)

### #1 eid: Enterprise id

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 15110002-36109205] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=5550 /-] [Invalid=0 /-]
<b>Recoding and Derivation</b>	This variable is derived by combining two variables, i.e. ISIC and establishment. The enterprise id is unique for each questionnaire.

### #2 region: Region code

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-15] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=5550 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Tigray	408	7.4%
2	Afar	27	0.5%
3	Amhara	598	10.8%
4	Oromiya	741	13.4%
5	Somali	24	0.4%
6	Benishabgul gumuz	0	0.0%
7	SNNPR	531	9.6%
12	Gambella	5	0.1%
13	Harari	86	1.5%
14	Addis Ababa	3016	54.3%
15	Dire Dawa	114	2.1%

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

### #3 srefyear: Survey reference year

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1996-1996] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=5550 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1996	1996 E.C (2003-2004)	5550	100.0%

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

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

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1511-3610] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=5550 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1511	Production, processing and preserving of meat, fruit and veg	41	0.7%
1514	manufacture of edible oil	94	1.7%
1520	Manufacture of dairy products	14	0.3%
1531	Manufacture of flour	189	3.4%
1533	Manufacture of animal feed	21	0.4%
1541	manufacture of bakery	765	13.8%
1542	Manufacture of sugar and confecionary	69	1.2%

## File Cost and quantity of raw materials, parts and containers used (part61)

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

Value	Label	Cases	Percentage
1544	manufacture of pasta and macaroni	15	0.3%
1549	Manufacture of food NEC	37	0.7%
1551	Distilling rectifying and blending of spirit	44	0.8%
1552	Manufacture of wine	8	0.1%
1553	Malt liquors and malt	51	0.9%
1554	Manufacture of soft drinks	72	1.3%
1600	Manufacture of tobacco	8	0.1%
1710	spinning , weaving and finishing	162	2.9%
1723	Manufacture of cordage rope and twine	14	0.3%
1730	Knitting mills	30	0.5%
1810	manufacture of wearing apparel except fur	203	3.7%
1910	Tanning and dressing of leather	100	1.8%
1920	manufacture of footwear	233	4.2%
2000	Manufacture wood and wood products	64	1.2%
2100	Manufacture of paper and paper products	49	0.9%
2200	Publishing and printing services	386	7.0%
2411	Manufacture of basic chemicals except fertilizers	36	0.6%
2421		5	0.1%
2422	Manufacture of paints varnishes	58	1.0%
2423	Manufacture of pharmaceuticals, medicinal	43	0.8%
2424	Manufacture of soap detergents, perfumes..	119	2.1%
2429	Manufacture of chemical products NEC	32	0.6%
2510	Manufacture of rubber	30	0.5%
2520	Manufacture of plastics	221	4.0%
2610	Manufacture of glass and glass products	13	0.2%
2693	Manufacture of structural clay products	6	0.1%
2694	Manufacture of cement ,lime and plaster	37	0.7%
2695	Manufacture of articles of concrete, cement	391	7.0%
2699	Manufacture of non-metallic NEC	63	1.1%
2710	Manufacture of basic iron and steel	44	0.8%
2811	Manufacture of structural metal products	289	5.2%
2892	Manufacture of cutlery hand tools....	37	0.7%
2893	Manufacture of other fabricated metal products	42	0.8%
2899	Manufacture of pumps, compressors, valves and taps	53	1.0%
2914	Manufacture of ovens	33	0.6%
2925	Manufacture of other general purpose machinery	24	0.4%
3140	Manufacture of batteries	2	0.0%
3420	manufacture of bodies for motor vehicles	32	0.6%
3430	manufacture of parts and accessories	7	0.1%
3610	Manufacture of furniture	1264	22.8%

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

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

Information [Type= discrete] [Format=numeric] [Range= 1-10] [Missing=\*]

## File Cost and quantity of raw materials, parts and containers used (part61)

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

**Statistics [NW/ W]** [Valid=5550 /-] [Invalid=0 /-]

**Definition** This variable is part of section 6.1 (Cost and Quantity of Raw Materials) of the questionnaire

Value	Label	Cases	Percentage
1	1	985	17.7%
2	2	848	15.3%
3	3	757	13.6%
4	4	646	11.6%
5	5	553	10.0%
6	6	432	7.8%
7	7	316	5.7%
8	8	349	6.3%
9	9	664	12.0%
10	10	0	0.0%

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

### #6 p61c4: Raw material code

**Information** [Type= discrete] [Format=numeric] [Range= 6-1223] [Missing=\*]

**Statistics [NW/ W]** [Valid=2118 /-] [Invalid=3432 /-]

**Definition** This variable is part of section 6.1 (Cost and Quantity of Raw Materials) of the questionnaire

*Frequency table not shown (97 Modalities)*

### #7 p61c5: Unit of measurement code for raw material

**Information** [Type= discrete] [Format=numeric] [Range= 2-90] [Missing=\*]

**Statistics [NW/ W]** [Valid=2279 /-] [Invalid=3271 /-]

**Definition** This variable is part of section 6.1 (Cost and Quantity of Raw Materials) of the questionnaire

*Frequency table not shown (58 Modalities)*

### #8 p61c6: Local raw materials quantity

**Information** [Type= continuous] [Format=numeric] [Range= 1-9051900] [Missing=\*]

**Statistics [NW/ W]** [Valid=2491 /-] [Invalid=3059 /-] [Mean=82705.12 /-] [StdDev=461576.738 /-]

**Definition** This variable is part of section 6.1 (Cost and Quantity of Raw Materials) of the questionnaire

### #9 p61c7: Local raw materials value

**Information** [Type= continuous] [Format=numeric] [Range= 3-75242839] [Missing=\*]

**Statistics [NW/ W]** [Valid=3161 /-] [Invalid=2389 /-] [Mean=788786.092 /-] [StdDev=3903493.657 /-]

**Definition** This variable is part of section 6.1 (Cost and Quantity of Raw Materials) of the questionnaire

### #10 p61c8: Imported raw materials quantity

**Information** [Type= continuous] [Format=numeric] [Range= 1-9388100] [Missing=\*]

**Statistics [NW/ W]** [Valid=2043 /-] [Invalid=3507 /-] [Mean=66576.519 /-] [StdDev=371531.245 /-]

**Definition** This variable is part of section 6.1 (Cost and Quantity of Raw Materials) of the questionnaire

### #11 p61c9: Imported raw materials value

**Information** [Type= continuous] [Format=numeric] [Range= 24-189101825] [Missing=\*]

**Statistics [NW/ W]** [Valid=2720 /-] [Invalid=2830 /-] [Mean=817791.939 /-] [StdDev=5024769.865 /-]



## File Cost and quantity of raw materials, parts and containers used (part61)

### #11 p61c9: Imported raw materials value

**Definition** This variable is part of section 6.1 (Cost and Quantity of Raw Materials) of the questionnaire

### #12 p61c10: Quantity of total raw materials

**Information** [Type= continuous] [Format=numeric] [Range= 1-9388100] [Missing=\*]

**Statistics [NW/ W]** [Valid=4407 /-] [Invalid=1143 /-] [Mean=77611.591 /-] [StdDev=437334.816 /-]

**Definition** This variable is part of section 6.1 (Cost and Quantity of Raw Materials) of the questionnaire

### #13 p61c11: Value of total raw materials

**Information** [Type= continuous] [Format=numeric] [Range= 3-189101825] [Missing=\*]

**Statistics [NW/ W]** [Valid=5540 /-] [Invalid=10 /-] [Mean=851578.865 /-] [StdDev=4674123.184 /-]

**Definition** This variable is part of section 6.1 (Cost and Quantity of Raw Materials) of the questionnaire

## File Other industrial costs (part62)

### #1 eid: Enterprise id

**Information** [Type= discrete] [Format=numeric] [Range= 15110005-36109205] [Missing=\*]

**Statistics [NW/ W]** [Valid=960 /-] [Invalid=0 /-]

**Literal question** Enterprise id

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

### #2 region: Region code

**Information** [Type= discrete] [Format=numeric] [Range= 1-15] [Missing=\*]

**Statistics [NW/ W]** [Valid=960 /-] [Invalid=0 /-]

**Literal question** Region code

Value	Label	Cases	Percentage
1	Tigray	73	7.6%
2	Afar	5	0.5%
3	Amhara	183	19.1%
4	Oromiya	183	19.1%
5	Somali	3	0.3%
6	Benishabgul gumuz	0	0.0%
7	SNNPR	100	10.4%
12	Gambella	4	0.4%
13	Harari	20	2.1%
14	Addis Ababa	361	37.6%
15	Dire Dawa	28	2.9%

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

### #3 srefyear: Survey reference year

**Information** [Type= discrete] [Format=numeric] [Range= 1996-1996] [Missing=\*]

**Statistics [NW/ W]** [Valid=960 /-] [Invalid=0 /-]

**Literal question** Survey reference year

Value	Label	Cases	Percentage
1996	1996 E.C (2003-2004)	960	100.0%

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

## File Other industrial costs (part62)

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

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

**Statistics [NW/ W]** [Valid=960 /-] [Invalid=0 /-]

**Literal question** International standard industrial classification (ISIC)

Value	Label	Cases	Percentage
1511	Production, processing and preserving of meat, fruit and veg	2	0.2%
1514	manufacture of edible oil	44	4.6%
1520	Manufacture of dairy products	1	0.1%
1531	Manufacture of flour	62	6.5%
1533	Manufacture of animal feed	0	0.0%
1541	manufacture of bakery	46	4.8%
1542	Manufacture of sugar and confecionary	13	1.4%
1544	manufacture of pasta and macaroni	7	0.7%
1549	Manufacture of food NEC	14	1.5%
1551	Distiling rectifying and blending of spirit	5	0.5%
1552	Manufacture of wine	1	0.1%
1553	Malt liquores and malt	18	1.9%
1554	Manufacture of soft drinks	26	2.7%
1600	Manufacture of tobacco	1	0.1%
1710	spining , weaving and finishing	34	3.5%
1723	Manufacture of cordage rope and twine	4	0.4%
1730	Kniting mills	5	0.5%
1810	manufacture of wearing apparal except fur	16	1.7%
1910	Tanning and dressing of leather	17	1.8%
1920	manufacture of footwear	31	3.2%
2000	Manufacture wood and wood products	30	3.1%
2100	Manufacture of paper and paper products	13	1.4%
2200	Publishing and printing services	64	6.7%
2411	Manufacture of basic chemicals except fertilizers	10	1.0%
2422	Manufacture of paints varnishes	7	0.7%
2423	Manufacture of phrmaceuticals, medicinal	4	0.4%
2424	Manufacture of soap detregents, perfumes..	11	1.1%
2429	Manufacture of chemical productsNEC	4	0.4%
2510	Manufacture of rubber	3	0.3%
2520	Manufacture of plastics	29	3.0%
2610	Manufacture of glass and glass products	1	0.1%
2693	Manufacture of structural clay products	7	0.7%
2694	Manufacture of cement ,lime and plaster	15	1.6%
2695	Manufacture of articles of concrete, cement	93	9.7%
2699	Manufacture of non-metalic NEC	30	3.1%
2710	Manufacture of basic iron and steel	13	1.4%
2811	Manufacture of structural metal products	42	4.4%
2892	Manufacture of cuttlery hand tools....	12	1.2%
2893	Manufacture of other fabricated metal products	5	0.5%
2899	Manufacture of pumps,compressors, valves and taps	10	1.0%

## File Other industrial costs (part62)

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

Value	Label	Cases	Percentage
2914	Manufacture of ovens	5	0.5%
2925	Manufacture of other general purpose machinery	4	0.4%
3140	Manufacture of batteries	1	0.1%
3420	manufacture of bodies for motor vehicles	4	0.4%
3430	manufacture of parts and accessories	2	0.2%
3610	Manufacture of furniture	194	20.2%

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

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

Information	[Type= discrete] [Format=numeric] [Range= 1-7] [Missing=*]
Statistics [NW/ W]	[Valid=960 /-] [Invalid=0 /-]
Definition	This variable is part of section 6.2 (Other Industrial Costs) of the questionnaire
Literal question	Serial number for list of other industrial costs

Value	Label	Cases	Percentage
1	1	76	7.9%
2	2	131	13.6%
3	3	544	56.7%
4	4	155	16.1%
5	5	40	4.2%
6	6	14	1.5%
7	7	0	0.0%

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

### #6 p62c4: Unit measurement

Information	[Type= continuous] [Format=numeric] [Range= 2-94] [Missing=*]
Statistics [NW/ W]	[Valid=277 /-] [Invalid=683 /-] [Mean=43.531 /-] [StdDev=29.977 /-]
Definition	This variable is part of section 6.2 (Other Industrial Costs) of the questionnaire
Literal question	Unit measurement

### #7 p62c5: Quantity of other inputs

Information	[Type= continuous] [Format=numeric] [Range= 1-21739081] [Missing=*]
Statistics [NW/ W]	[Valid=588 /-] [Invalid=372 /-] [Mean=101893.439 /-] [StdDev=1154658.585 /-]
Definition	This variable is part of section 6.2 (Other Industrial Costs) of the questionnaire
Literal question	Quantity of other inputs

### #8 p62c6: Value of fuel and lubricating oil

Information	[Type= continuous] [Format=numeric] [Range= 5-137608384] [Missing=*]
Statistics [NW/ W]	[Valid=953 /-] [Invalid=7 /-] [Mean=430325.954 /-] [StdDev=5627065.553 /-]
Definition	This variable is part of section 6.2 (Other Industrial Costs) of the questionnaire
Literal question	Value of fuel and lubricating oil

## File Type and value of fixed assets (part71)

### #1 eid: Enterprise id

Information	[Type= discrete] [Format=numeric] [Range= 15110002-36109205] [Missing=*]
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## File Type and value of fixed assets (part71)

### #1 eid: Enterprise id

<b>Statistics [NW/ W]</b>	[Valid=3164 /-] [Invalid=0 /-]
<b>Literal question</b>	Enterprise id
<b>Recoding and Derivation</b>	This variable is derived by combining two variables, i.e. ISIC and establishment. The enterprise id is unique for each questionnaire.

### #2 region: Region code

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-15] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=3164 /-] [Invalid=0 /-]
<b>Literal question</b>	Region code

Value	Label	Cases	Percentage
1	Tigray	208	6.6%
2	Afar	25	0.8%
3	Amhara	334	10.6%
4	Oromiya	557	17.6%
5	Somali	17	0.5%
6	Benishabgul gumuz	0	0.0%
7	SNNPR	272	8.6%
12	Gambella	7	0.2%
13	Harari	43	1.4%
14	Addis Ababa	1628	51.5%
15	Dire Dawa	73	2.3%

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

### #3 srefyear: Survey reference year

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1996-1996] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=3164 /-] [Invalid=0 /-]
<b>Literal question</b>	Survey reference year

Value	Label	Cases	Percentage
1996	1996 E.C (2003-2004)	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.*

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

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1511-3610] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=3164 /-] [Invalid=0 /-]
<b>Literal question</b>	International standard industrial classification (ISIC)

Value	Label	Cases	Percentage
1511	Production, processing and preserving of meat, fruit and veg	30	0.9%
1514	manufacture of edible oil	87	2.7%
1520	Manufacture of dairy products	12	0.4%
1531	Manufacture of flour	265	8.4%
1533	Manufacture of animal feed	16	0.5%
1541	manufacture of bakery	304	9.6%
1542	Manufacture of sugar and confecionary	38	1.2%
1544	manufacture of pasta and macaroni	25	0.8%
1549	Manufacture of food NEC	45	1.4%

## File Type and value of fixed assets (part71)

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

Value	Label	Cases	Percentage
1551	Distilling rectifying and blending of spirit	32	1.0%
1552	Manufacture of wine	4	0.1%
1553	Malt liquores and malt	37	1.2%
1554	Manufacture of soft drinks	47	1.5%
1600	Manufacture of tobacco	4	0.1%
1710	spining , weaving and finishing	110	3.5%
1723	Manufacture of cordage rope and twine	8	0.3%
1730	Kniting mills	19	0.6%
1810	manufacture of wearing apparal except fur	103	3.3%
1910	Tanning and dressing of leather	73	2.3%
1920	manufacture of footwear	148	4.7%
2000	Manufacture wood and wood products	56	1.8%
2100	Manufacture of paper and paper products	26	0.8%
2200	Publishing and printing services	182	5.8%
2411	Manufacture of basic chemicals except fertilzers	27	0.9%
2421		4	0.1%
2422	Manufacture of paints varnishes	31	1.0%
2423	Manufacture of phrmaceuticals, medicinal	20	0.6%
2424	Manufacture of soap detregents, perfumes..	62	2.0%
2429	Manufacture of chemical productsNEC	19	0.6%
2510	Manufacture of rubber	18	0.6%
2520	Manufacture of plastics	132	4.2%
2610	Manufacture of glass and glass products	6	0.2%
2693	Manufacture of structural clay products	13	0.4%
2694	Manufacture of cement ,lime and plaster	27	0.9%
2695	Manufacture of articles of concrete, cement	275	8.7%
2699	Manufacture of non-metalic NEC	66	2.1%
2710	Manufacture of basic iron and steel	51	1.6%
2811	Manufacture of structural metal products	118	3.7%
2892	Manufacture of cuttlery hand tools....	36	1.1%
2893	Manufacture of other fabricated metal products	29	0.9%
2899	Manufacture of pumps,compressors, valves and taps	34	1.1%
2914	Manufacture of ovens	16	0.5%
2925	Manufacture of other general purpose machnery	9	0.3%
3140	Manufacture of battries	3	0.1%
3420	manufacture of bodies for mothor vechiles	21	0.7%
3430	manufacture of parts and accessories	6	0.2%
3610	Manufacture of furniture	470	14.9%

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

### #5 p71c1: Type of fixed assets

Information	[Type= discrete] [Format=numeric] [Range= 1-7] [Missing=*]
Statistics [NW/ W]	[Valid=3164 /-] [Invalid=0 /-]
Definition	This variable is part of section 7.1 (Type and Value of Fixed Assets) of the questionnaire

## File Type and value of fixed assets (part71)

### #5 p71c1: Type of fixed assets

Literal question		Type of fixed assets	
Value	Label	Cases	Percentage
1	Dwelling houses	26	0.8%
2	Non-residential building	704	22.3%
3	Other construction and works	108	3.4%
4	Machinery	984	31.1%
5	Vehicles	501	15.8%
6	Others (office furniture and fixture)	841	26.6%
7	Total	0	0.0%

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

### #6 p71c3: Book value of the fixed assets at beginning of the year

Information	[Type= continuous] [Format=numeric] [Range= 1-368033716] [Missing=*]
Statistics [NW/ W]	[Valid=3064 -/] [Invalid=100 -/] [Mean=2151603.627 -/] [StdDev=12933616.866 -/]
Definition	This variable is part of section 7.1 (Type and Value of Fixed Assets) of the questionnaire
Literal question	Book value of the fixed assets at beginning of the year

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

Information	[Type= continuous] [Format=numeric] [Range= 11-236394440] [Missing=*]
Statistics [NW/ W]	[Valid=1042 -/] [Invalid=2122 -/] [Mean=888209.151 -/] [StdDev=7779434.928 -/]
Definition	This variable is part of section 7.1 (Type and Value of Fixed Assets) of the questionnaire
Literal question	Investment for purchase and capital repair of fixed assets

### #8 p71c5: Sold and disposed during the year

Information	[Type= continuous] [Format=numeric] [Range= 3-6711660] [Missing=*]
Statistics [NW/ W]	[Valid=156 -/] [Invalid=3008 -/] [Mean=413622.205 -/] [StdDev=1177049.676 -/]
Definition	This variable is part of section 7.1 (Type and Value of Fixed Assets) of the questionnaire
Literal question	Sold and disposed during the year

### #9 p71c6: Depreciation during the year

Information	[Type= continuous] [Format=numeric] [Range= 1-73607294] [Missing=*]
Statistics [NW/ W]	[Valid=2965 -/] [Invalid=199 -/] [Mean=317710.93 -/] [StdDev=2263131.428 -/]
Definition	This variable is part of section 7.1 (Type and Value of Fixed Assets) of the questionnaire
Literal question	Depreciation during the year

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

Information	[Type= continuous] [Format=numeric] [Range= 1-340383266] [Missing=*]
Statistics [NW/ W]	[Valid=3156 -/] [Invalid=8 -/] [Mean=2063209.593 -/] [StdDev=11845475.504 -/]
Definition	This variable is part of section 7.1 (Type and Value of Fixed Assets) of the questionnaire
Literal question	Book value of the fixed assets at end of the year

## File Annual investment by type and source (part72)

### #1 eid: Enterprise id

Information	[Type= discrete] [Format=numeric] [Range= 15110002-36109205] [Missing=*]
Statistics [NW/ W]	[Valid=2164 -/] [Invalid=0 -/]

## File Annual investment by type and source (part72)

### #1 eid: Enterprise id

<b>Recoding and Derivation</b>	This variable is derived by combining two variables, i.e. ISIC and establishment. The enterprise id is unique for each questionnaire.
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### #2 region: Region code

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-15] [Missing=*]
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<b>Statistics [NW/ W]</b>	[Valid=2164 /-] [Invalid=0 /-]
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Value	Label	Cases	Percentage
1	Tigray	143	6.6%
2	Afar	13	0.6%
3	Amhara	225	10.4%
4	Oromiya	330	15.2%
5	Somali	12	0.6%
6	Benishabgul gumuz	0	0.0%
7	SNNPR	187	8.6%
12	Gambella	4	0.2%
13	Harari	31	1.4%
14	Addis Ababa	1173	54.2%
15	Dire Dawa	46	2.1%

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

### #3 srefyear: Survey reference year

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1996-1996] [Missing=*]
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<b>Statistics [NW/ W]</b>	[Valid=2164 /-] [Invalid=0 /-]
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Value	Label	Cases	Percentage
1996	1996 E.C (2003-2004)	2164	100.0%

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

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

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1511-3610] [Missing=*]
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<b>Statistics [NW/ W]</b>	[Valid=2164 /-] [Invalid=0 /-]
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Value	Label	Cases	Percentage
1511	Production, processing and preserving of meat, fruit and veg	14	0.6%
1514	manufacture of edible oil	63	2.9%
1520	Manufacture of dairy products	6	0.3%
1531	Manufacture of flour	167	7.7%
1533	Manufacture of animal feed	9	0.4%
1541	manufacture of bakery	250	11.6%
1542	Manufacture of sugar and confecionary	25	1.2%
1544	manufacture of pasta and macaroni	13	0.6%
1549	Manufacture of food NEC	26	1.2%
1551	Distiling rectifying and blending of spirit	20	0.9%
1552	Manufacture of wine	2	0.1%
1553	Malt liquores and malt	16	0.7%
1554	Manufacture of soft drinks	24	1.1%
1600	Manufacture of tobacco	2	0.1%

## File Annual investment by type and source (part72)

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

Value	Label	Cases	Percentage
1710	spining , weaving and finishing	61	2.8%
1723	Manufacture of cordage rope and twine	5	0.2%
1730	Kniting mills	18	0.8%
1810	manufacture of wearing apparal except fur	76	3.5%
1910	Tanning and dressing of leather	40	1.8%
1920	manufacture of footwear	95	4.4%
2000	Manufacture wood and wood products	43	2.0%
2100	Manufacture of paper and paper products	16	0.7%
2200	Publishing and printing services	142	6.6%
2411	Manufacture of basic chemicals except fertilizers	13	0.6%
2421		2	0.1%
2422	Manufacture of paints varnishes	16	0.7%
2423	Manufacture of phrmaceuticals, medicinal	15	0.7%
2424	Manufacture of soap detregents, perfumes..	40	1.8%
2429	Manufacture of chemical productsNEC	13	0.6%
2510	Manufacture of rubber	8	0.4%
2520	Manufacture of plastics	84	3.9%
2610	Manufacture of glass and glass products	4	0.2%
2693	Manufacture of structural clay products	8	0.4%
2694	Manufacture of cement ,lime and plaster	16	0.7%
2695	Manufacture of articles of concrete, cement	186	8.6%
2699	Manufacture of non-metalic NEC	46	2.1%
2710	Manufacture of basic iron and steel	32	1.5%
2811	Manufacture of structural metal products	95	4.4%
2892	Manufacture of cuttlery hand tools....	23	1.1%
2893	Manufacture of other fabricated metal products	17	0.8%
2899	Manufacture of pumps,compressors, valves and taps	22	1.0%
2914	Manufacture of ovens	10	0.5%
2925	Manufacture of other general purpose machnery	8	0.4%
3140	Manufacture of battries	2	0.1%
3420	manufacture of bodies for mothor vechiles	10	0.5%
3430	manufacture of parts and accessories	4	0.2%
3610	Manufacture of furniture	357	16.5%

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

### #5 p72c1: Source of financing

Information	[Type= discrete] [Format=numeric] [Range= 1-6] [Missing=*]		
Statistics [NW/ W]	[Valid=2164 /-] [Invalid=0 /-]		
Definition	This variable is part of section 7.2 (Type and value of Fixed Assets) of the questionnaire		
Value	Label	Cases	Percentage
1	Total domestic source	997	46.1%
2	Own fund	944	43.6%
3	Bank loan	152	7.0%
4	Others	69	3.2%



## File Annual investment by type and source (part72)

### #5 p72c1: Source of financing

Value	Label	Cases	Percentage
5	Foreign source	2	0.1%
6	Total	0	0.0%

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

### #6 p72c3: Investment on fixed assets

Information	[Type= continuous] [Format=numeric] [Range= 131-250976975] [Missing=*]
Statistics [NW/ W]	[Valid=996 /-] [Invalid=1168 /-] [Mean=1858461.717 /-] [StdDev=11007182.966 /-]
Definition	This variable is part of section 7.2 (Type and value of Fixed Assets) of the questionnaire

### #7 p72c4: Working capital

Information	[Type= continuous] [Format=numeric] [Range= 5000-276192350] [Missing=*]
Statistics [NW/ W]	[Valid=2135 /-] [Invalid=29 /-] [Mean=7509124.577 /-] [StdDev=23908345.685 /-]
Definition	This variable is part of section 7.2 (Type and value of Fixed Assets) of the questionnaire

## File Annual production at full capacity (part81)

### #1 eid: Enterprise id

Information	[Type= discrete] [Format=numeric] [Range= 15110002-36109205] [Missing=*]
Statistics [NW/ W]	[Valid=4005 /-] [Invalid=0 /-]
Recoding and Derivation	This variable is derived by combining two variables, i.e. ISIC and establishment. The enterprise id is unique for each questionnaire.

### #2 region: Region code

Information	[Type= discrete] [Format=numeric] [Range= 1-15] [Missing=*]
Statistics [NW/ W]	[Valid=4005 /-] [Invalid=0 /-]
Literal question	Region code

Value	Label	Cases	Percentage
1	Tigray	336	8.4%
2	Afar	17	0.4%
3	Amhara	397	9.9%
4	Oromiya	501	12.5%
5	Somali	14	0.3%
6	Benishabgul gumuz	0	0.0%
7	SNNPR	504	12.6%
12	Gambella	3	0.1%
13	Harari	74	1.8%
14	Addis Ababa	2075	51.8%
15	Dire Dawa	84	2.1%

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

### #3 srefyear: Survey reference year

Information	[Type= discrete] [Format=numeric] [Range= 1996-1996] [Missing=*]
Statistics [NW/ W]	[Valid=4005 /-] [Invalid=0 /-]
Literal question	Survey reference year

## File Annual production at full capacity (part81)

### #3 srefyear: Survey reference year

Value	Label	Cases	Percentage
1996	1996 E.C (2003-2004)	4005	100.0%

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

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

Information	[Type= discrete] [Format=numeric] [Range= 1511-3610] [Missing=*]
Statistics [NW/ W]	[Valid=4005 /-] [Invalid=0 /-]
Literal question	International standard industrial classification (ISIC)

Value	Label	Cases	Percentage
1511	Production, processing and preserving of meat, fruit and veg	28	0.7%
1514	manufacture of edible oil	80	2.0%
1520	Manufacture of dairy products	17	0.4%
1531	Manufacture of flour	176	4.4%
1533	Manufacture of animal feed	15	0.4%
1541	manufacture of bakery	344	8.6%
1542	Manufacture of sugar and confecionary	24	0.6%
1544	manufacture of pasta and macaroni	17	0.4%
1549	Manufacture of food NEC	30	0.7%
1551	Distiling rectifying and blending of spirit	54	1.3%
1552	Manufacture of wine	9	0.2%
1553	Malt liquores and malt	14	0.3%
1554	Manufacture of soft drinks	30	0.7%
1600	Manufacture of tobacco	3	0.1%
1710	spining , weaving and finishing	124	3.1%
1723	Manufacture of cordage rope and twine	11	0.3%
1730	Kniting mills	20	0.5%
1810	manufacture of wearing apparal except fur	170	4.2%
1910	Tanning and dressing of leather	63	1.6%
1920	manufacture of footwear	160	4.0%
2000	Manufacture wood and wood products	57	1.4%
2100	Manufacture of paper and paper products	23	0.6%
2200	Publishing and printing services	220	5.5%
2411	Manufacture of basic chemicals except fertilizers	13	0.3%
2421		5	0.1%
2422	Manufacture of paints varnishes	53	1.3%
2423	Manufacture of phrmaceuticals, medicinal	33	0.8%
2424	Manufacture of soap detregents, perfumes..	83	2.1%
2429	Manufacture of chemical productsNEC	11	0.3%
2510	Manufacture of rubber	15	0.4%
2520	Manufacture of plastics	179	4.5%
2610	Manufacture of glass and glass products	14	0.3%
2693	Manufacture of structural clay products	4	0.1%
2694	Manufacture of cement ,lime and plaster	13	0.3%
2695	Manufacture of articles of concrete, cement	350	8.7%

## File Annual production at full capacity (part81)

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

Value	Label	Cases	Percentage
2699	Manufacture of non-metalic NEC	68	1.7%
2710	Manufacture of basic iron and steel	56	1.4%
2811	Manufacture of structural metal products	185	4.6%
2892	Manufacture of cuttlery hand tools...	16	0.4%
2893	Manufacture of other fabricated metal products	38	0.9%
2899	Manufacture of pumps,compressors, valves and taps	32	0.8%
2914	Manufacture of ovens	25	0.6%
2925	Manufacture of other general purpose machnery	16	0.4%
3140	Manufacture of battries	1	0.0%
3420	manufacture of bodies for mothor vechiles	24	0.6%
3430	manufacture of parts and accessories	1	0.0%
3610	Manufacture of furniture	1081	27.0%

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

### #5 p81c1: Serial number for products description

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-10] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=4005 /-] [Invalid=0 /-]
<b>Definition</b>	This variable is part of section 8.1 (Annual Production at Full Capacity ) of the questionnaire
<b>Literal question</b>	Serial number for products description

Value	Label	Cases	Percentage
1	1	975	24.3%
2	2	760	19.0%
3	3	572	14.3%
4	4	446	11.1%
5	5	340	8.5%
6	6	258	6.4%
7	7	205	5.1%
8	8	175	4.4%
9	9	274	6.8%
10	10	0	0.0%

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

### #6 p81c4: Product code

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-1342] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=1824 /-] [Invalid=2181 /-]
<b>Definition</b>	This variable is part of section 8.1 (Annual Production at Full Capacity ) of the questionnaire
<b>Literal question</b>	Product code that would be produced if the establishment operate at full capacity

*Frequency table not shown (115 Modalities)*

### #7 p81c5: Unit measurment

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 2-90] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=1924 /-] [Invalid=2081 /-]
<b>Definition</b>	This variable is part of section 8.1 (Annual Production at Full Capacity ) of the questionnaire
<b>Literal question</b>	Unit measurment of quantity of product

## File Annual production at full capacity (part81)

### #7 p81c5: Unit measurment

Frequency table not shown (59 Modalities)

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

Information	[Type= continuous] [Format=numeric] [Range= 1-483783505] [Missing=*]
Statistics [NW/ W]	[Valid=3609 /-] [Invalid=396 /-] [Mean=769984.961 /-] [StdDev=12441182.011 /-]
Definition	This variable is part of section 8.1 (Annual Production at Full Capacity ) of the questionnaire
Literal question	Quantity of product that can be produced annually at full capacity

### #9 p81c7: Value of production at market price

Information	[Type= continuous] [Format=numeric] [Range= 60-927347310] [Missing=*]
Statistics [NW/ W]	[Valid=4002 /-] [Invalid=3 /-] [Mean=4950690.945 /-] [StdDev=31056473.792 /-]
Definition	This variable is part of section 8.1 (Annual Production at Full Capacity ) of the questionnaire
Literal question	Value of production at market price

## File Estimate value and quantity of raw materials needed at full capacity (part82)

### #1 eid: Enterprise id

Information	[Type= discrete] [Format=numeric] [Range= 15110002-36109205] [Missing=*]
Statistics [NW/ W]	[Valid=4414 /-] [Invalid=0 /-]
Literal question	Enterprise id
Recoding and Derivation	This variable is derived by combining two variables, i.e. ISIC and establishment. The enterprise id is unique for each questionnaire.

### #2 region: Region code

Information	[Type= discrete] [Format=numeric] [Range= 1-15] [Missing=*]
Statistics [NW/ W]	[Valid=4414 /-] [Invalid=0 /-]
Literal question	Region code

Value	Label	Cases	Percentage
1	Tigray	317	7.2%
2	Afar	22	0.5%
3	Amhara	460	10.4%
4	Oromiya	596	13.5%
5	Somali	21	0.5%
6	Benishabgul gumuz	0	0.0%
7	SNNPR	401	9.1%
12	Gambella	4	0.1%
13	Harari	66	1.5%
14	Addis Ababa	2429	55.0%
15	Dire Dawa	98	2.2%

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

### #3 srefyear: Survey reference year

Information	[Type= discrete] [Format=numeric] [Range= 1996-1996] [Missing=*]
Statistics [NW/ W]	[Valid=4414 /-] [Invalid=0 /-]
Literal question	Survey reference year

## File Estimate value and quantity of raw materials needed at full capacity (part82)

#3 srefyear: Survey reference year

Value	Label	Cases	Percentage
1996	1996 E.C (2003-2004)	4414	100.0%

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

#4 isic: International standard industrial classification (ISIC)

Information	[Type= discrete] [Format=numeric] [Range= 1511-3610] [Missing=*]
Statistics [NW/ W]	[Valid=4414 /-] [Invalid=0 /-]
Literal question	International standard industrial classification (ISIC)

Value	Label	Cases	Percentage
1511	Production, processing and preserving of meat, fruit and veg	31	0.7%
1514	manufacture of edible oil	75	1.7%
1520	Manufacture of dairy products	12	0.3%
1531	Manufacture of flour	157	3.6%
1533	Manufacture of animal feed	17	0.4%
1541	manufacture of bakery	637	14.4%
1542	Manufacture of sugar and confecionary	57	1.3%
1544	manufacture of pasta and macaroni	13	0.3%
1549	Manufacture of food NEC	32	0.7%
1551	Distiling rectifying and blending of spirit	37	0.8%
1552	Manufacture of wine	6	0.1%
1553	Malt liquores and malt	37	0.8%
1554	Manufacture of soft drinks	50	1.1%
1600	Manufacture of tobacco	6	0.1%
1710	spining , weaving and finishing	119	2.7%
1723	Manufacture of cordage rope and twine	10	0.2%
1730	Kniting mills	25	0.6%
1810	manufacture of wearing apparal except fur	168	3.8%
1910	Tanning and dressing of leather	79	1.8%
1920	manufacture of footwear	174	3.9%
2000	Manufacture wood and wood products	51	1.2%
2100	Manufacture of paper and paper products	38	0.9%
2200	Publishing and printing services	325	7.4%
2411	Manufacture of basic chemicals except fertilzers	25	0.6%
2421		5	0.1%
2422	Manufacture of paints varnishes	47	1.1%
2423	Manufacture of phrmaceuticals, medicinal	33	0.7%
2424	Manufacture of soap detregents, perfumes..	95	2.2%
2429	Manufacture of chemical productsNEC	29	0.7%
2510	Manufacture of rubber	21	0.5%
2520	Manufacture of plastics	172	3.9%
2610	Manufacture of glass and glass products	10	0.2%
2693	Manufacture of structural clay products	6	0.1%
2694	Manufacture of cement ,lime and plaster	29	0.7%

## File Estimate value and quantity of raw materials needed at full capacity (part82)

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

Value	Label	Cases	Percentage
2695	Manufacture of articles of concrete, cement	355	8.0%
2699	Manufacture of non-metallic NEC	51	1.2%
2710	Manufacture of basic iron and steel	38	0.9%
2811	Manufacture of structural metal products	220	5.0%
2892	Manufacture of cuttlery hand tools...	35	0.8%
2893	Manufacture of other fabricated metal products	35	0.8%
2899	Manufacture of pumps,compressors, valves and taps	45	1.0%
2914	Manufacture of ovens	25	0.6%
2925	Manufacture of other general purpose machinery	20	0.5%
3140	Manufacture of batteries	5	0.1%
3420	manufacture of bodies for motor vehicles	20	0.5%
3430	manufacture of parts and accessories	6	0.1%
3610	Manufacture of furniture	931	21.1%

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

### #5 p82c1: Serial number for raw material list

Information	[Type= discrete] [Format=numeric] [Range= 1-7] [Missing=*]
Statistics [NW/ W]	[Valid=4414 /-] [Invalid=0 /-]
Definition	This variable is part of section 8.2 (Estimated Value and Quantity of Raw Materials Needed, at Full Capacity) of the questionnaire
Literal question	Serial number for raw material list

Value	Label	Cases	Percentage
1	1	980	22.2%
2	2	837	19.0%
3	3	746	16.9%
4	4	629	14.3%
5	5	537	12.2%
6	6	685	15.5%
7	7	0	0.0%

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

### #6 p82c4: Raw material code

Information	[Type= discrete] [Format=numeric] [Range= 6-1223] [Missing=*]
Statistics [NW/ W]	[Valid=1927 /-] [Invalid=2487 /-]
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 (97 Modalities)

### #7 p82c5: Unit of measurement

Information	[Type= discrete] [Format=numeric] [Range= 2-90] [Missing=*]
Statistics [NW/ W]	[Valid=2034 /-] [Invalid=2380 /-]
Definition	This variable is part of section 8.2 (Estimated Value and Quantity of Raw Materials Needed, at Full Capacity) of the questionnaire

## File Estimate value and quantity of raw materials needed at full capacity (part82)

### #7 p82c5: Unit of measurment

Literal question	Unit of measurment of quantity of raw material
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*Frequency table not shown (58 Modalities)*

### #8 p82c6: Quantity of local raw materials

Information	[Type= continuous] [Format=numeric] [Range= 2-25960000] [Missing=*]
Statistics [NW/ W]	[Valid=2091 /-] [Invalid=2323 /-] [Mean=156578.936 /-] [StdDev=898923.692 /-]
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

### #9 p82c7: Value of local raw materials

Information	[Type= continuous] [Format=numeric] [Range= 14-216000000] [Missing=*]
Statistics [NW/ W]	[Valid=2645 /-] [Invalid=1769 /-] [Mean=1782216.006 /-] [StdDev=8699475.925 /-]
Definition	This variable is part of section 8.2 (Estimated Value and Quantity of Raw Materials Needed, at Full Capacity) of the questionnaire
Literal question	Value of local raw materials

### #10 p82c8: Quantity of imported raw materials

Information	[Type= continuous] [Format=numeric] [Range= 1-132226761] [Missing=*]
Statistics [NW/ W]	[Valid=1629 /-] [Invalid=2785 /-] [Mean=237696.75 /-] [StdDev=3495053.047 /-]
Definition	This variable is part of section 8.2 (Estimated Value and Quantity of Raw Materials Needed, at Full Capacity) of the questionnaire
Literal question	Quantity of imported raw materials

### #11 p82c9: Value of imported raw materials

Information	[Type= continuous] [Format=numeric] [Range= 31-587956310] [Missing=*]
Statistics [NW/ W]	[Valid=2112 /-] [Invalid=2302 /-] [Mean=2497165.715 /-] [StdDev=18711667.617 /-]
Definition	This variable is part of section 8.2 (Estimated Value and Quantity of Raw Materials Needed, at Full Capacity) of the questionnaire
Literal question	Value of imported raw materials

### #12 p82c10: Total quantity of estimated raw materials

Information	[Type= continuous] [Format=numeric] [Range= 1-132226761] [Missing=*]
Statistics [NW/ W]	[Valid=3621 /-] [Invalid=793 /-] [Mean=197352.82 /-] [StdDev=2567277.833 /-]
Definition	This variable is part of section 8.2 (Estimated Value and Quantity of Raw Materials Needed, at Full Capacity) of the questionnaire
Literal question	Total quantity of estimated raw materials

### #13 p82c11: Total value of estimated raw materials

Information	[Type= continuous] [Format=numeric] [Range= 14-587956310] [Missing=*]
Statistics [NW/ W]	[Valid=4413 /-] [Invalid=1 /-] [Mean=2263307.348 /-] [StdDev=14675896.994 /-]
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, Ethiopia [eth], English [eng], "Doc\Reports\LMMIS\_2004\_Metadata.pdf"

**Report on Large and Medium Scale Manufacturing and Electricity Industries Survey**, Central Statistical Agency, November 2005, Ethiopia [eth], English [eng], "Doc\Reports\Report.pdf"

## Questionnaires

**Large and Medium Manufacturing and Electricity Industries Survey 2003-2004 - Questionnaire**, Central Statistical Agency, Ethiopia [eth], English [eng], "Doc\Questionnaires\Questionnaire.pdf"

## Technical documents

**Form for Requesting Access to Raw Data**, Central Statistical Agency, Ethiopia [eth], English [eng], "Doc\Technical\CSA\_data\_request\_form.pdf"

**Editing Coding Manual**, Central Statistical Agency, Ethiopia [eth], Amharic [amh], "Doc\Technical\EDITING MANUAL.pdf"

**Code Books**, Central Statistical Agency, Ethiopia [eth], English [eng], "Doc\Technical\CODES OF MANUFACTURING ARTICLES.pdf"

**Tables**, Central Statistical Agency, Ethiopia [eth], English [eng], "doc\Tables\Tables.pdf"