



# USER'S User Manual

**IMIS Ethiopia**

CSA Statistical agency of Ethiopia

August, 2020

## **Central Statistical Agency**

The Central Statistical Agency (CSA) as a responsible organization for the generation, analysis, and dissemination of official statistical data in the country, has been collecting quality statistical data through censuses and socio-economic surveys over the past 50+ years. Even though plenty of data is collected over the years, utilization of these data for improved development policy or programming related decisions is still very low.

Recognizing this, the CSA has recently made an important development in establishing a web-based Integrated Multi-sectoral Information System (IMIS) that provides a one-stop shop to users to improve access and utilization of data through the creation of databases, bringing together both time-series and cross-sectional data from different sets generated through censuses and surveys.

## **A One-Stop-Shop for Data Dissemination in Ethiopia**

Within the context of the call for “data revolution” by the high –level panel on the Post-2015 Development Agenda, and recognizing the urgent need for

The web-based Integrated Management Information System (IMIS) allows users to have direct access to census, survey and administrative or routine service-based data; process and calculate indicators; and produce customized tables and thematic maps, at any administrative level.

## **UNFPA Supporting IMIS in Ethiopia**

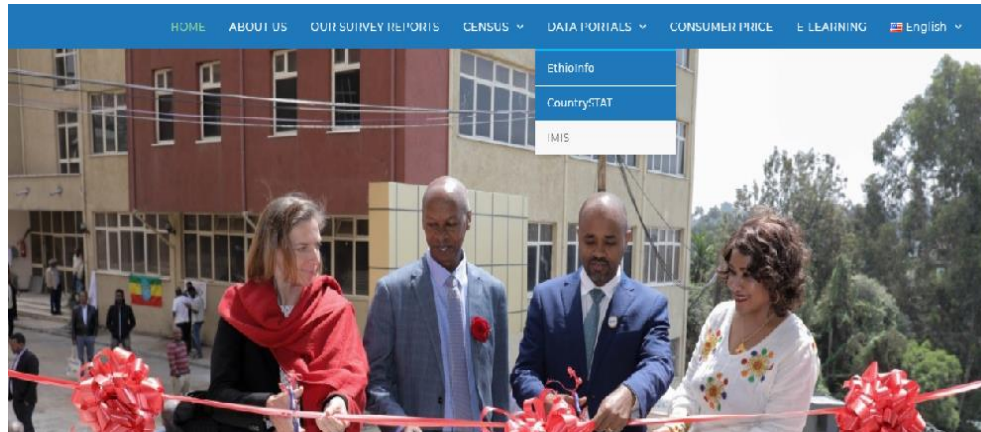
UNFPA, as lead international agency in the domain of data for development has been supporting the government of Ethiopia in the generation and utilization of data for policies and programmes to reduce poverty. The Fund has been supporting Central Statistical Agency in the collection, analysis and dissemination of demographic and socio-economic data collected through population censuses and surveys.

UNFPA is currently working with the CSA in developing IMIS. UNFPA has provided technical and financial assistance for the development of a functional web-based IMIS at the CSA and also in the regions. This will bring together national data obtained from surveys and censuses as well as data sets generated by different sector ministries so that all important data can be obtained in one stop shop for cross sectorial analysis and best accessibility.

Currently, IMIS is web-functional within CSA and five regions of the country: Tigray, Afar, Amara, SNNP, Benishangul-Gumuz regions. The Regional IMIS is also linked to CSA website.

## **INSTRUCTIONS FOR THE USER**

To access the IMIS you must locate the entry button from the web page: -  
[www.statsethiopia.gov.et](http://www.statsethiopia.gov.et).



Once you have entered the home page on the top of the Menu you will find



Then Click IMIS from the Sub-Menu



Then select [IMIS Ethiopia](#) where you will find the presentation of the system  
Divided by different sections which are Surveys, census. Regions and the statistical abstract.

**Central Statistics Agency**  
Beyond Providing Data

**Integrated Management Information System (IMIS)**  
ማዕከላዊ ስታቲስቲክስ ኤጀንሲ (Central Statistics Agency)

**Welcome to IMIS Ethiopia**

IMIS - Integrated Management Information System is a collection of several statistical databases of various surveys and censuses conducted by the Central Statistics Agency and other Government Institutions like Ministries  
The IMIS is a tool that has been developed to enable users generate customised statistics that meet their individual needs in the form of frequencies, cross tabulations, indicators, etc.  
This project is a continuing process that shall incorporate more census and survey data over time.

Statistics generated from the IMIS can be output in the form of tables, graphs and maps at various geographical levels from the National level up to the Wereda  
To use the IMIS, click the + sign at your selected database group in the Navigation frame to reveal the various databases in the group. Proceed to click the + sign next to the database of your interest to reveal the available statistics that can be generated. Some of the statistics are already defined indicators which the user can use for the various geographical levels and areas of interest.  
The users however can also generate their own statistics. The information generated by the IMIS can be exported to MS Excel and PDF files. Online help to use the various categories of information can be accessed by clicking the HELP button at the bottom of the application or on the right pane of each module.

WebMaster [admin@csa.gov.et](mailto:admin@csa.gov.et)  
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Website: [www.csa.gov.et](http://www.csa.gov.et)

## 1. SURVEYS

Once you select the surveys menu on the left of the screen, then the thematic menu will display the list of surveys, then select the survey you want to process.

Example lets select Labour Force.

**SURVEYS**

- LABOUR FORCE**
- URBAN EMPLOYMENT & UNEMPLOYMENT
- AGRICULTURAL SAMPLE
- HOUSEHOLD INCOME & CONSUMPTION SAMPLE
- LARGE & MEDIUM MANUFACTURING INDUSTRIES
- WELFARE MONITORING
- HEALTH NUTRITION
- SMALL SCALE MANUFACTURING INDUSTRY
- TIME USE SURVEY
- DEMOGRAPHIC AND HEALTH SURVEY

**LABOUR FORCE**

- [Labour Force 1999](#)
- [Labour Force 2005](#)
- [Labour Force 2013](#)

Once you select the survey you will find the list of surveys migrated to the system indicating the year of the survey in the right side of the page

**LABOUR FORCE**

- [Labour Force 1999](#)
- [Labour Force 2005](#)
- [Labour Force 2013](#)

Then select one of the surveys you want to see, following that you will see another page with the detail information what you can do with the survey selected. Then select the one of the list in the left side of the menu button.

The screenshot shows the header of the Integrated Management Information System (IMIS) for the Central Statistical Agency (CSA). The header includes the CSA logo, the text "Integrated Management Information System (IMIS)", the Amharic name "ማዕከላዊ ስታቲስቲክስ ኤጀንሲ (Central Statistical Agency)", and the Ethiopian flag. Below the header is a navigation menu with categories: BASIC CARASTERISTICS, GEOGRAPHIC TABLES, INDICATORS, Dictionary Information, and Programming/Questionnaire. Under "BASIC CARASTERISTICS", there are sub-menus for Frequencies, Person Characteristics (highlighted), and Crosstabs. A central image shows a construction worker in a hard hat and safety vest. At the bottom right, contact information for the WebMaster is provided.

Let's for this example select **person characteristics**

This screenshot shows the configuration interface for a data table in the IMIS system. On the left is the same navigation menu as in the previous screenshot, with "Person Characteristics" highlighted. The main area is titled "Table Title" and contains a list of available characteristics: DATA.AgeGroup, Relationship with household Head, Sex, Age, Continous of Residence, DATA.LF220, Zone of Previous Residence, Previous Residence Urban/Rural, Reason for Migration, and Is there any Disability. Below the list, the "Area Level" is set to "(National)" and the "Expression Factor" is set to "weight". Further down, the "Geographic Area" is set to "All", the "Filter" is set to "(none)", and the "Output Format" is set to "Table and Graph". The "Graph Options" are set to "Cases". An "Execute" button is located at the bottom right of the interface.

In the table title put any title you want for the table to be produced, then from the characteristics select one or more variable in the list, for this particular example let us select **five year age groups** then after we finish all the selection click on the button **Execute** Then table will be displayed as requested.

**5 Year Age Groups**

ECLAC/CELADE Redatam+SP 12/10/2020

**Title**  
5 Year Age Groups

**Database**  
Central Statistics Agency - Labour Force Survey 2005

**Geographic Area**  
All Database

**Weight**  
WEIGHT

**Frequency**  
of 5 Year Age Groups

5 Year Age Groups	Counts	%	Cumul %
0 - 4	12 069 014	19.09%	19.09%
5 - 9	10 141 498	16.04%	35.13%
10 - 14	7 581 474	11.99%	47.12%
15 - 19	6 682 196	10.57%	57.69%
20 - 24	5 030 593	7.96%	65.64%
25 - 29	4 703 301	7.44%	73.08%
30 - 34	3 526 121	5.58%	78.66%
35 - 39	3 151 058	4.98%	83.64%
40 - 44	2 311 866	3.66%	87.30%
45 - 49	2 094 089	3.31%	90.61%
50 - 54	1 606 000	2.53%	93.14%

After the table is produced, then click to the link below to download in excel of pdf format



The next button following the **survey** is **Census** as both are micro-data type the steps are the same to process and produce tables and you can use the above steps described for the surveys to the census.

## 2. ABSTRACT

On the left side following the Census Button you will find the abstract, click on the button and you will be displayed Annual Statistical Abstract indicators then to access the annual abstract click on it. Once you click the Annual Statistical Abstract indicators then the list of thematic menu will be displayed on the same left side: Population, Agriculture, Mining, Manufacturing, Construction, etc... As listed below



When selecting a topic from the list on the left side, a panel will be displayed in the center of the screen where different options for tabulating the data will be displayed.

The image shows the 'National Account' tabulation interface. The left navigation menu has 'National Accounts' expanded, with 'National Account' selected. The main panel is titled 'National Account' and contains the following elements:

- Select Regions, Period, Indicators and Filters**: A section with a 'Table Title' input field.
- Regions**: A dropdown menu with a 'Set, all' checkbox. The list includes Ethiopia, Tigray, Afar, Amhara, Oromia, Somali, Benshan Gumz, SNIP, Gambella, and Hareri.
- Periods**: A dropdown menu with a 'Set, all' checkbox. The list includes 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, and 2017.
- Indicator**: A dropdown menu with a 'Set, all' checkbox. The list includes Gross value Added at Current Basic Price, Taxes on Products, net, GDP at Current Market Prices, Incomes from ROW, net at Current Prices, Gross National Income at Current Basic P, Gross National Income at Current Market, Current Transfers from ROW, net at Curre, Gross National Disposable Income at Curr, Government Final Consumption on Expendit, and Private Final Consumption Expenditure at.
- Output style**: A dropdown menu set to 'Summary Table'.
- Select the Table Format**: A section at the bottom.

The boxes correspond to generic tabulation options for all the variables included in this module. You must select at least one of the options displayed in each of the boxes to be able to execute a chart or graph.

In the first box ("Region") the regions of the country are listed and you can select a region, several regions, all regions or the total value of the country for the indicator that you want to process. With the "Select all" option, the results are generated by default for all regions and for the entire country.

The available time periods for that indicator are listed in the second box. One, some or all of the periods available for each tabulation must be selected. With the "Select all" option, by default the results are generated for all available time periods.

In the third box the available indicators are listed, where it is also possible to select one, several or all available indicators, as the case may be.

The options of the last two boxes correspond to the filters available for each indicator, which in this current version is not developed and will be available on the next released. Like the rest, it is mandatory to select at least one of the options available in the box.

In the second part of the panel the user must select the orientation of the segmentation variables in the output table, although it is not mandatory because the first selected filter appears in the first internal row, in the middle row the second filter selected and "Region" appears in the outer row.

Once the desired options have been selected in each box, you can write the title to the output table, according to the selections made, in order to identify the table later. Finally, the next step is to press the "RUN" button, after which the results that were requested in the required output format will be displayed



- Industry
- Construction
- Transport and Communication
- External Trade
- National Accounts
  - National Account
- Public Finance
- Banking
- Insurance
- Prices
- Health
- Education
- Law and Order
- Sports and Culture

Sel. all  
 Ethiopia 2008  
 Tigray 2009  
 Afar 2010  
 Amhara 2011  
 Oromia 2012  
 Somali 2013  
 Benishan Gumz 2014  
 SNNP 2015  
 Gambella 2016  
 Hareri 2017

Sel. all  
 2008  
 2009  
 2010  
 2011  
 2012  
 2013  
 2014  
 2015  
 2016  
 2017

Sel. all  
 Gross value Added at Current Basic Price  
 Taxes on Products, net  
 GDP at Current Market Prices  
 Incomes from ROW, net at Current Prices  
 Gross National Income at Current Basic P  
 Gross National Income at Current Market  
 Current Transfers from ROW, net at Curre  
 Gross National Disposable Income at Curr  
 Government Final Consumption on Expendit  
 Private Final Consumption Expenditure at

Output style: Summary Table

Select the Table Format

Row: Regions

Columns: Periods

Control: Indicator


Run

Once the table is displayed, the user has the option of exporting the results to an Excel file to save them in some directory of their device. To do this you must select the option "Download in Excel format" which is located at the end of the window that contains the results, as shown below.

- Industry
- Construction
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  - National Account
- Public Finance
- Banking
- Insurance
- Prices
- Health
- Education
- Law and Order
- Sports and Culture
- Ind. Metadata, Doc. and User Manual

of Indicator  
by Regions  
by Periods


Indicator	Regions	Periods			
Gross value Added at Current Basic Prices		2013	2014	2015	2016
	Ethiopia	782 086	965 408	1 192 833	1 409 454
Taxes on Products, net		2013	2014	2015	2016
	Ethiopia	70 654	81 985	105 129	118 590
GDP at Current Market Prices		2013	2014	2015	2016
	Ethiopia	852 740	1 047 393	1 297 961	1 528 044
Incomes from ROW, net at Current Prices		2013	2014	2015	2016
	Ethiopia	- 1 762	- 2 915	- 5 275	- 5 352
Gross National Income at Current Basic Prices		2013	2014	2015	2016
	Ethiopia	780 323	962 493	1 187 558	1 404 101
Gross National Income at Current Market Prices		2013	2014	2015	2016
	Ethiopia	850 977	1 044 478	1 292 686	1 522 692
Current Transfers from ROW, net at Current Prices		2013	2014	2015	2016
	Ethiopia	93 686	99 267	128 401	158 421
Gross National Disposable Income at Current Prices		2013	2014	2015	2016
	Ethiopia	944 663	1 143 745	1 421 087	1 681 113
Government Final Consumption on Expenditure at Current Prices		2013	2014	2015	2016
	Ethiopia	62 146	83 305	116 995	148 837
Private Final Consumption Expenditure at Current Prices		2013	2014	2015	2016
	Ethiopia	639 772	728 373	896 208	1 037 277
Gross Capital Formation (Investment) at Current Prices		2013	2014	2015	2016
	Ethiopia	281 263	421 786	511 618	588 705



**CENTRAL STATISTICS AGENCY**  
Beyond Providing Data

# Integrated Management Information System (IMIS)

ማዕከላዊ ስታቲስቲክስ ኤጀንሲ (Central Statistics Agency)



- Industry
- Construction
- Transport and Communication
- External Trade
- National Accounts
- National Account**
- Public Finance
- Banking
- Insurance
- Prices
- Health
- Education
- Law and Order
- Sports and Culture
- Metadatas, Docs and User Manual

Ethiopia	606 733 602	679 765 771	753 229 735	810 187 250
AGRICULTURE at Constant basic Prices	2013	2014	2015	2016
Ethiopia	238 739 085	251 750 110	268	274
INDUSTRY at Constant basic Prices	2013	2014	2015	2016
Ethiopia	69 061 752	89 587 543	104	125
SERVICES at Constant basic Prices	2013	2014	2015	2016
Ethiopia	251 782 232	289 412 101	325	353
AGRICULTURE at Constant basic Prices	2013	2014	2015	2016
Ethiopia	7	5	6	2
INDUSTRY at Constant basic Prices	2013	2014	2015	2016
Ethiopia	19	21	20	21
SERVICES at Constant basic Prices	2013	2014	2015	2016
Ethiopia	10	12	11	9
AGRICULTURE at Constant basic Prices	2013	2014	2015	2016
Ethiopia	43	40	39	37
INDUSTRY at Constant basic Prices	2013	2014	2015	2016
Ethiopia	12	14	15	17
SERVICES at Constant basic Prices	2013	2014	2015	2016
Ethiopia	45	46	47	47

[Download Excel format](#)

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 Website [www.csa.gov.et](http://www.csa.gov.et)

The Next topic in the main menu is Regions which will come after abstract, in this menu when you click on the regions button you will find a list of regions for which the system is developed, and clicking on each name of the region you will get the same menu as abstract component and the navigation, selection and production of the table will be the same as described above for the abstract, therefore you can apply the same for each region.

### Metadata and Documentation

To access the metadata, you must go to References and click on metadata where the information for each topic will be opened.