



PARIS21 Cross-regional workshop on subnational statistical system

Set-up of sub national statistical systems

CENTRAL STATISTICAL AGENCY
ETHIOPIA

Paris
May 2016



Outline

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Background

- ▶ **Location:** Ethiopia is located in the Horn of Africa bordered by Eritrea to the north, Djibouti and Somalia to the east, Sudan and South Sudan to the west, and Kenya to the south.
- ▶ **Administration:** The country is constitutionally formed by a federation of nine ethnically-based regional states and two city administrations.
- ▶ **Current Population:** Second-most populous nation on the continent, with over 92 million inhabitants (CSA, Population projection 2016).
- ▶ Agriculture is predominantly the source of the country's economy and accounts for almost 41% of the GDP, 80% of exports, and 80% of the labor force.



Background...

- ▶ The government designed and implemented a five-year growth and transformation plan (GTP I) in the last five years and followed by the GTP II to be implemented in the next five years.
- ▶ The design, monitoring and evaluation of GTP was highly supported by data from the National Statistical System.
- ▶ The government of Ethiopia clearly recognizes and emphasizes the importance of statistical data, and hence the NSDS II has been designed as part of GTP II.
- ▶ Ethiopia is also committed to the implementation of continental and international initiatives aimed at achieving Sustainable Development Goals (SDG) and Agenda 2063.

Administrative arrangements between national and subnational systems



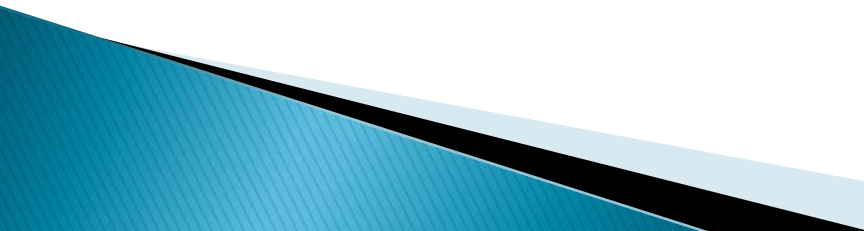
- ▶ Data are needed to support sectoral strategies at sub-national levels (regional states and *woreda*) at the design stages of the plans, during implementation, monitoring and evaluation and at the completion of the execution.
- ▶ Under the Central Statistics Agency there are 25 regional statistical branch offices to collect data all over the country to fulfil the demand.
- ▶ Administrative data is collected by each sector from the regions using the MIS.



Role of sub-national strategic plan for the development of statistics on sub-national data

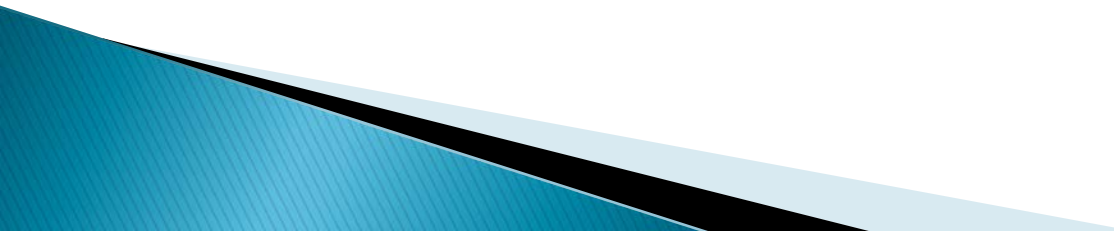
- ▶ One of the challenges in the NSS is lack of the statistical strategic plan by the sectors.
- ▶ Great attention is paid to the generation of high quality data in the National Statistical System.
- ▶ This includes data regarding improvement of the MIS of sector ministries,
- ▶ Coordination of the National Statistical System and the preparation of sector strategic plan.
- ▶ Capacity building for the NSS should be planned to produce good quality data.

Role of sub-national strategic plan...

- ▶ CSA Design the NSDS2, by mainstreaming of the GTP2 and SDG indicators for the period 2015/16 to 2019/20. It is aligned with GTP II.
 - ▶ The NSDS covers statistical development in the entire statistical system, not just that of the CSA. Strategy will be used basically to monitor and evaluate the NDPs.
 - ▶ The approach for the design of the second NSDS is the Top-Down due to the absence of the sectoral strategic plan.
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Role of sub-national strategic plan...

Preparation of Statistical Sector Strategies Planned in NSDS II

- ▶ Coordinate and support the preparation of 5 – 8 Sectors Statistical Development Strategy (SSDS) and its work plan
 - ▶ Assist other MDAs with in the NSS to produce sector statistical work plan
 - ▶ Improve capacity of sub-national institutions to do their own analysis within the scope of the preparation of the Strategy;
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Data Quality issues



- ▶ Preparation of Standard concepts, definitions, classifications, coding and naming to facilitate coherence and comparability of data in the NSS.
- ▶ Development of Ethiopia Data Quality Assessment Framework (EDQAF) and **adoption by the council.**
- ▶ Coordination of the national statistical system as a whole.
- ▶ Conducting data quality assessment for the NSS.
 - Ethiopian road authority, Ministry of education and Ministry of health.
 - Ministry of water, Irrigation and electricity (on progress)
 - The overall national Data Quality assessment for ministry of education was conducted

Ethiopia Data Quality Assessment Framework (EDQAF) Dimensions



- ▶ EDQAF Output Data Quality Dimensions
 1. Relevance
 2. Accuracy
 3. Timeliness and Punctuality
 4. Accessibility and Interpretability
 5. Coherence and Comparability
- ▶ EDQAF Process Quality Dimensions
 6. Methodological Soundness
 7. Human Resource Management
 8. Standard Operating Procedures
 9. Data Management and Security
 10. Quality Assurance/Control
 11. Reporting Burden
- ▶ EDQAF Institutional Environment Quality Dimensions
 12. Mandate, Resources, Performance and Quality Management
 13. Integrity
 14. Provider Transparency, Privacy and Confidentiality



Capacity building

- ▶ Training on data quality and handling of secondary data to regional sector offices.
- ▶ providing consultation service for customers in statistical issues
- ▶ Training need assessment was conducted.
 - Conducting statistical training for the NSS based on the need assessment
 - Curriculum preparation based on the training need assessment was finalized

Examples of data collected

The CSA Collects and disseminate Socio-economic and demographic statistical data through censuses, sample surveys, and administrative recording systems.

- ▶ Demographic and Health Survey conducted in 2000,2005, and 2011 and the fourth EDHS is currently underway
- ▶ Household Consumption and Expenditure Survey (HCES)(Every 5 years): Latest 2015/16
- ▶ Welfare Monitoring Survey (WMS)–conducted simultaneously with HCES: Latest 2015/16
- ▶ National Labor Force Survey (Every 5 years Latest 2013)
- ▶ Urban Employment and Unemployment Survey (annual)
- ▶ Time use Survey (done for the first time in 2013)
- ▶ National Child Labour Survey: 2015
- ▶ Annual Agricultural Sample Survey
- ▶ Administrative data from other sectors
- ▶ Population and housing census and Agricultural sample enumeration census

Dissemination and use

▶ **CSA uses different ways of data dissemination**

- CD-ROM (contains Metadata of the survey, Technical document used to conduct the survey and Survey Report)
- Web Site
- Ethioinfo
- IMIS, ENADA and CountryStat
- Raw data dissemination based on raw data access policy
- Publication (Hard copy)



IMIS (Integrated management Information System)

- CSA Adopt REDATAM-based IMIS since 2014
- Used for Census, Survey, Administrative Data Analysis and Dissemination
- About 54 surveys and 2 population census data migrated to IMIS Ethiopia
- In Addition we have two regional State data linked to our IMIS database (Amhara regional State and Tigray Regional State)



Challenges

- ▶ Absence of Sectoral statistical Strategies for the Development of Statistics in all sectors;
- ▶ Although quite few sectors have good operational Management Information System (MIS) through which Indicators are produced the state of the MIS for a lot of sectors is poor and absence of training to establish and operate MIS;
- ▶ Lack of support from the management of the sectors for the creation of statistical Units;
- ▶ Low level of cooperation of data suppliers in statistical operations leading to poor data quality and lack of timeliness in data release;
- ▶ Unequal statistical capacity across the NSS.



Challenges...

- ▶ Inadequate human power both in terms of number and skills
- ▶ Inadequate resources and supporting logistics for statistical production;
- ▶ Gaps in data in the areas of environment, tourism, horticulture, gender responsive statistics and in other emerging issues;
- ▶ Lack of statistical awareness and hence low level of cooperation in statistical operations on the part of the respondents
- ▶ Poor record keeping, which hampers the development of administrative statistics from records of administrative actions –
- ▶ Lack of strong coordination within agencies (MDAs, Regional States and Intermediaries) and across the NSS,
- ▶ Inadequate Infrastructures (branch office buildings)

The Four Statistical Branch offices under construction

Central Statistical Agency 4 Branch Offices - Under construction



Consultant: Solomon Gebre Consulting Architects & Engineers

Financed By: Statistics For Results (SFR) Project World Bank



questions for discussion

- ▶ **Top - Down and bottom - up approach in developing sectoral strategic plan**

THANK YOU