



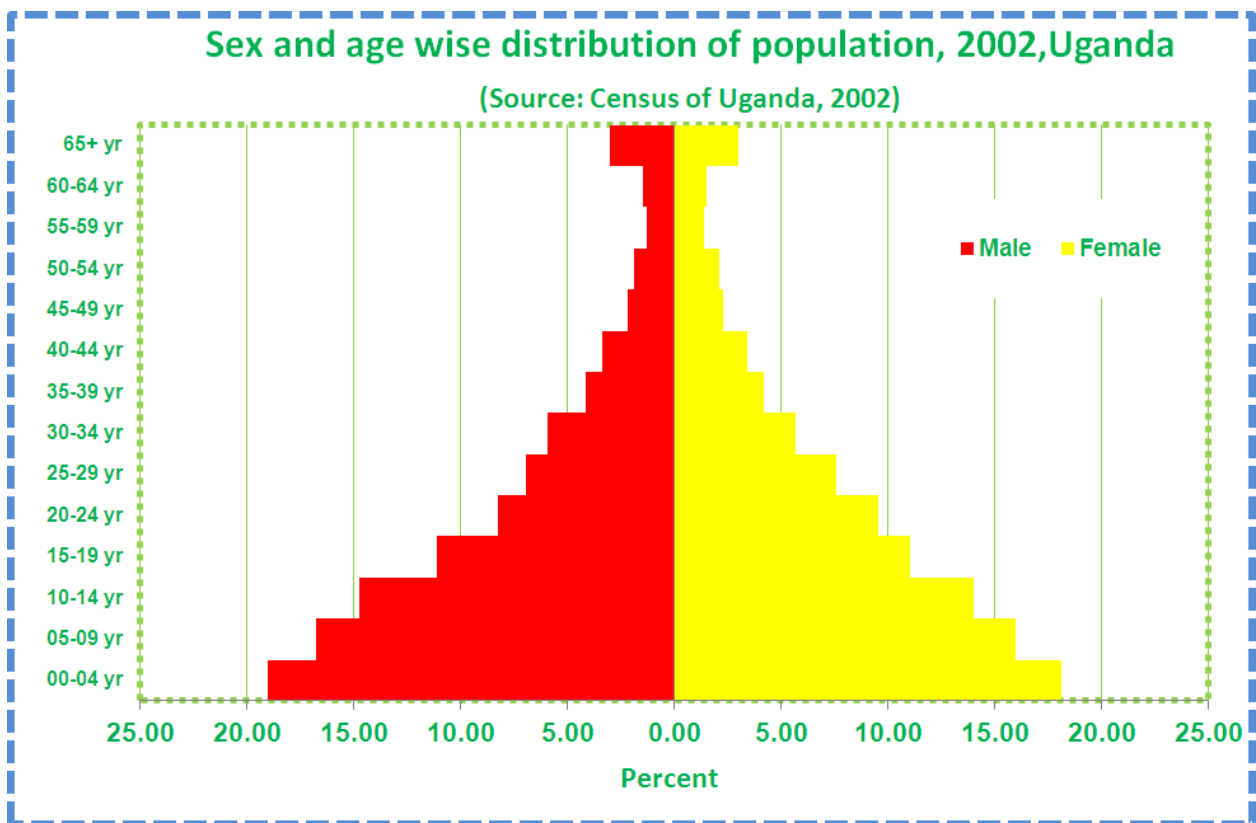
United Nations Secretariat  
DESA Statistics Division



# CensusInfo

## B.02. CensusInfo Uganda (Pilot) Project Training

Agenda  
December 05-09, 2011



Venue: UBOS, Kampala, Uganda  
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## Introduction

One of the major lessons from the 2000 round of censuses points to the necessity to take full advantage of the data collected through the census via appropriate dissemination and analysis mechanisms. Many times the results end up being published in a tabular format—whether in print or on the web—which potential data users find monotonous and unappealing. Interested stakeholders often encounter language and other data access barriers (for example, the data is restricted or only available in print form, in-country). For census data to be truly useful for public dialogue, it needs to be easily accessible to the international community via the Internet in multiple languages. Potential users need to be able to easily and quickly access data in all of its customized disaggregation: by sex, age; by national and various sub-national levels; and by time period for comparison purposes.

The United Nations Statistics Division, in partnership with UNICEF and UNFPA, has developed a software package, CensusInfo to help countries disseminate census data on CD-ROM and on the web. Based on the DevInfo platform, specific functionalities have been added to meet the census dissemination requirements: enhanced performance, data importing, standard and user-defined reports for dissemination at any geographical level, and mapping facilities. Although a standard list of census topics with details will be proposed with the software, countries will be able to customize it to suite their national needs. The project started early in 2008 and CensusInfo was officially launched at the 40th Statistical Commission in February 2009 and widely disseminated.

### Onsite Technical Support

This onsite technical support is intended to develop the national census technical teams' capacities to adapt CensusInfo, to its full potential as platform for disseminating census data. Participants will learn various processes involved in the adaptation of CensusInfo including preparation of CensusInfo template and database, standard report and profile templates, language translation and packaging the software. The sessions also includes hands-on training on using CensusInfo User Interface and Database Administration applications. designing and creating templates and databases to house country-specific census data, learning various data administration utilities including importing census data to facilitate uploading of data into the CensusInfo system, and generating relevant tables, graphs, maps, reports and profiles for reporting purposes. Additionally, participants can learn how to tap into the power of DevInfo technology to assist in evidence-based decision-making across all sectors and levels of government: monitoring and evaluation, poverty mapping, etc.

### You will learn how to:

- Customizing and standardizing national CensusInfo databases using global standards
- Review data sources, metadata, aspects of data quality (reliability, comparability, disaggregation)
- Create CensusInfo template
- Import Census data into the CensusInfo database
- Use various advanced techniques of database tools and reports for database management
- Use database conversion utilities to disseminate CensusInfo database on various platforms
- Use CensusInfo database to produce tables, maps, graphs and reports

- Benefits:** This expert level training is conducted by member(s) of our technical resource team using the best practices and state-of-the-art delivery mechanisms. Sessions include both presentations as well as hands-on exercises. Upon successful completion of this course, participants will clearly understand how to harness the power of CensusInfo database technology to disseminate census data by geographical levels.
- Who should attend:** This training is primarily intended for census experts and data managers. We recommend that participants should possess a mixture of competencies and qualifications including census data processing, dissemination and analysis.
- Pre-requisites:** Participants should prepare for this training by taking the e-learning courses available on [www.devInfo.org](http://www.devInfo.org). Participants should possess the expertise in using Windows and MS-Office tools.
- Hands-on exercises:** The course provides in-depth hands-on experience with CensusInfo applications in the following areas:
- Performing advance database administration and management techniques
  - Performing mapping management techniques
  - Understanding the use of CensusInfo databases for preparing presentation objects and reports

## Monday – December 05, 2011

### **Session 1.1 - Opening Session and the CensusInfo Orientation (09h30)**

- Objectives, Administrative issues, Expected outcomes
- Introduction of participants

### **Session 1.2 – Overview of CensusInfo as Tool for Dissemination of Census Data**

- Objectives and features of CensusInfo
- Proposed tables/indicators
- Census reports/profiles
- CensusInfo website ([www.censusinfo.net](http://www.censusinfo.net)) and global CensusInfo ([www.devinfo.info/censusinfo2010](http://www.devinfo.info/censusinfo2010))
- **Demonstration** - Using CensusInfo to search data, create presentation objects – Tables / Graphs / Maps and generating reports

#### **Daily Breaks:-**

**Tea Break-I (10h00 – 10h15)**

**Lunch (12h00 – 13h00)**

**Tea Break-II (15h00 – 15h15)**

### **Session 1.3 – Creating CensusInfo Template/Customized Template**

- To identify CensusInfo topics, sub-topics, indicators, units and subgroups using the country census data
- To create CensusInfo template by defining indicators and related details, classifying them under Topics and sub-topics
- Introduction of GIDs, discussion on their importance, their role in data processing and editing them etc.
- **Hands-on exercise**

### **Review and Close (17h00)**

## Tuesday – December 06, 2011

### Q&A Revisit Day 1 Sessions – (09h30)

#### Session 2.1 - Creating CensusInfo Database/Customized Database

- Introduction and demonstration of three options (*Direct Data Entry Method, Import of DES Method and DX CSV Import method*) to create CensusInfo Database
- To create database for selected tables/indicators provided by Uganda Bureau of Statistics (UBOS)

#### Daily Breaks:-

Tea Break-I (11h00 – 11h15)

Lunch (13h00 – 14h00)

Tea Break-II (15h30 – 15h45)

#### Session 2.2 - Creating CensusInfo Database by Using *DX CSV Import Method*

- Hands-on exercise

**Review and Close (17h30)**

## Wednesday – December 07, 2011

### Q&A Revisit Day 2 Sessions – (09h30)

#### Session 3.1-Embedding Maps into Database/Template

- Discussion on shape files required for CensusInfo and embedding them into database / template
  - ❖ Hands-on exercises on inclusion of maps in database

#### Session 3.2- Managing CensusInfo Database – Tools and Reports

- To demonstrate the use of Tools to manage CensusInfo database – Import, Export, Split and Extract
- To demonstrate the use of Reports for data quality control to manage CensusInfo database – *Summary report, Comparison report and range check report*

#### Daily Breaks:-

Tea Break-I (11h00 – 11h15)

Lunch (13h00 – 14h00)

Tea Break-II (15h30 – 15h45)

#### Session 3.3- Metadata-Management

- To demonstrate and practice on entering metadata in CensusInfo database/template for various components - Database itself, indicators, source etc.

**Review and Close (17h00)**

## Thursday – December 08, 2011

### Q&A Revisit Day 3 Sessions – (09h30)

#### Session 4.1- Updating/Modifying Database with More Census Data

Discussion and demonstration to modify/update the database by using more data provided by UBOS

- ❖ Hands-on exercise to update database

#### Daily Breaks:-

Tea Break-I (11h00 – 11h15)

Lunch (13h00 – 14h00)

Tea Break-II (15h30 – 15h45)

Session 4.2- Hands-on exercise for updating database continued.

#### Session 4.3- CensusInfo Data-Clinic

- Individual interaction, suggestion and more personalized guidance to resolve the issues of the participants to enable them create the quality CensusInfo database

**Review and Close (17h30)**

## Friday – December 09, 2011

### Q&A Revisit Day 4 Sessions – (09h30)

#### Session 5.1 – Finishing Touch to the Workshop-Product and Using It

- Finalizing the database and preparing the CensusInfo adaptation for the country *CensusInfo Uganda* (say)
- Using the *CensusInfo Uganda* for various purposes through Hands-on exercises and creating census data products in electronic formats for dissemination.

#### Daily Breaks:-

Tea Break-I (11h00 – 11h15)

Lunch (13h00 – 14h00)

Tea Break-II (15h30 – 15h45)

#### Session 5.2 – Strategic Planning For Data Dissemination and Way Forward

- Discussion on and development of National data dissemination plan for latest census results (*Census of Uganda, 2002*) by the participants

#### Session 6 – Evaluation by Participants

**Review and Close (17h30)**

***Post workshop, contact details:***

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**References: Using CensusInfo technology for online data dissemination (Census dashboard)**

<http://censusindia.gov.in/2011census/censusinfodashboard/index.html>