



United Nations Secretariat  
Department of Economic and Social  
Affairs Statistics Division



# CensusInfo

---

## Census Info Workshop – Onsite Technical Support

### Agenda

Department of Census and Statistics, Colombo, Sri Lanka

19-23 September 2011



## 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.

## Workshop

The workshop combines technical review, support and training to develop participants' capacities to understand, create and use CensusInfo, a key adaptation of DevInfo, to its full potential as platform for disseminating census data. The workshop is intended to help the country CensusInfo team to obtain technical support and build capacity on customizing a CensusInfo template, uploading Census data including nested tabulations and packaging the adaptation for dissemination. The workshop contains series of technical discussions, hands-on sessions and preparing guideline processes.

- You will learn how to:**
- Review data sources, metadata, aspects of data quality (reliability, comparability, disaggregation)
  - Prepare a list of census nested tabulations and derived indicators to be included in the national CensusInfo template
  - Customizing and standardizing national CensusInfo databases using global standards
  - 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 country level technical support workshop is conducted by member(s) of our technical resource team using the best practices and state-of-the-art delivery mechanisms. Sessions include both technical discussions as well as hands-on exercises. Upon successful completion of this workshop, participants will clearly understand how to harness the power of CensusInfo database technology to disseminate census data by geographical levels.
- Who should attend:** This workshop 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 workshop 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 workshop 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

# Agenda

## 19-23 September 2011

|   |
|---|
| <b>DAY1</b>   |
| <p><b>Session 1.1 - Opening session (09h30)</b></p> <ul style="list-style-type: none"> <li>• Registration and Introduction of participants</li> <li>• Objectives, Expected outcomes and current status of Census Data Dissemination in Sri Lanka</li> </ul>                               |
| <p><b>Session 1.2 - CensusInfo orientation</b></p> <ul style="list-style-type: none"> <li>• Overview of CensusInfo initiative</li> <li>• Demonstration - Using CensusInfo to search data, create presentation objects – Tables / Graphs / Maps /CensusInfo Dashboard</li> </ul>           |
| <p><b>Tea Break (11h00 – 11h15)</b></p>   |
| <p><b>Session 1.3 – Technical Review – Census data</b></p> <ul style="list-style-type: none"> <li>• Data Inventory – Technical Review of available census topics and tables</li> <li>• Preparing list of Census topics and data for dissemination</li> </ul>                              |
| <p><b>Tea Break (15h30 – 15h45)</b></p>   |
| <p><b>Session 1.4 – Reviewing the Census Areas and administrative boundaries</b></p> <ul style="list-style-type: none"> <li>• Preparing a list and hierarchy of the areas from Census Data</li> <li>• Compare with and check the availability of Areas in the Country Database</li> </ul> |
| <p><b>Session 1.5 – Overview of Census Topics</b></p> <ul style="list-style-type: none"> <li>• Overview of Census Topics and its structure – a global prospective</li> <li>• To review and revise the list of Census Topics using national Census</li> </ul>                              |
| <p><b>Review and Close (17h30)</b></p>  |
| <b>DAY2</b>   |
| <p><b>Q&amp;A      Revisit Day 1 Sessions – (09h30)</b></p>   |
| <p><b>Using CensusInfo Database Administration Application</b></p>  |
| <p><b>Session 2.1 - Understanding CensusInfo data structure</b></p> <ul style="list-style-type: none"> <li>• To understand the CensusInfo data structure, elements of CensusInfo and various</li> </ul>   |

|   |
|---|
| dimensions of census data   |
| <b>Tea Break (11h00 – 11h15)</b>  |
| <b>Session 2.2 – Preparation for CensusInfo database</b> <ul style="list-style-type: none"> <li>To understand, review and prepare a process guideline to generate Census tables (.CSV format)</li> <li>Technical discussions and working on the process with Census technical team</li> </ul>   |
| <b>Lunch (13h00 – 14h00)</b>  |
| <b>Session 2.3 - Creating CensusInfo template</b> <ul style="list-style-type: none"> <li>Defining the Indicators, their disaggregation and classification</li> <li>Step-by-step session on the above using available census data</li> </ul>   |
| <b>Session 2.4 - Overview of the CensusInfo Registry</b> <ul style="list-style-type: none"> <li>Review the list of UN recommended data/indicators and metadata</li> </ul>   |
| <b>Tea Break (15h30 – 15h45)</b>  |
| <b>Session 2.5 - Creating CensusInfo database – using data import method</b> <ul style="list-style-type: none"> <li>Demonstration of the data import method to upload census data into CensusInfo database</li> <li>Step-by-step session on creating CSV files</li> <li>Hands-on session – to use sample CSV file to import data</li> </ul> |
| <b>Review and Close (17h30)</b>   |

|  |
|--|
| <b>DAY3</b>  |
| <b>Q&amp;A Revisit Day 2 Sessions – (09h30)</b>  |
| <b>Session 3.1 – Uploading data</b> <ul style="list-style-type: none"> <li>Hands-on session to upload the census data using CSV files</li> </ul>   |
| <b>Tea Break (11h00 – 11h15)</b>   |
| <b>Session 3.2 – Uploading data continued</b> <ul style="list-style-type: none"> <li>Hands-on session – using other data entry methods using CensusInfo Database Administration application</li> </ul> |

### Lunch (13h00 – 14h00)

#### Session 3.3 – Data Exchange – other data import methods

- Introduction and demonstration on DX CPro, DX SPSS data import modules
- Step-by-step session on data exchange with sample output files (CPro and SPSS)

### Tea Break (15h30 – 15h45)

#### Session 3.4 - Managing CensusInfo database – Tools and Reports

- To demonstrate the use of Tools to manage CensusInfo database – Import, Export, Split, Extract and Merge databases
- To demonstrate the use of Reports to manage CensusInfo database – Summary report, Comparison report

### Review and Close (17h30)

## DAY4

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

#### Session 4.1 – Metadata

- To demonstrate how to enter metadata in CensusInfo database
- Step-by-step session on different metadata management techniques

### Tea Break (11h00 – 11h15)

#### Session 4.2 – Creating CensusInfo adaptation

- Using Language and Customization modules to prepare CensusInfo national adaptation

### Lunch (13h00 – 14h00)

## Using CensusInfo User Interface Application

#### Session 4.3 – Searching data

- Introduction and demonstration to use CensusInfo User Interface Application to search for data
- Step-by-step session on creating data-view for different Indicators and Census Areas

#### Session 4.4 – Presenting data: Tables, Graphs and Maps

- Introduction and demonstration to generate presentation objects: Tables, Graphs, Maps

- Step-by-step session

### Tea Break (15h30 – 15h45)

#### Session 4.5 – Presenting data using Reports

- Introduction and demonstration to generate standard and user-defined reports
- Step-by-step session

#### Session 4.6 – Creating presentations

- Introduction and demonstration to create online books, videos and PowerPoint presentations using gallery objects
- Step-by-step session

#### Session 4.7 – Hands-on session

- Hands-on session to use CensusInfo database

### Review and Close (17h30)

## DAY5

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

## Web-enabling CensusInfo

#### Session 5.1 – Web-enabling CensusInfo database

- To demonstrate the conversion process from desktop CensusInfo database into web-based CensusInfo database
- To demonstrate the process of web-enabling CensusInfo User Interface Application

### Tea Break (11h00 – 11h15)

#### Session 5.2 – Web-enabling CensusInfo database

- Continued

### Lunch (13h00 – 14h00)

#### Session 5.3 – Web-enabling CensusInfo database

- Hands-on session to prepare web-server, convert CensusInfo database, install CensusInfo web application and website configuration

**Tea Break (15h30 – 15h45)**

**Session 5.4 – Work Planning**

- Preparing list of activities and creating a work plan for national CensusInfo adaptation

**Session 5.5 – Evaluation**

**Review and Close (17h30)**