How do we build the pyramid? - Strategies for better metadata management

International Workshop on Country Data: Sharing Best Practice in the Dissemination of National Development Indicators

Addis Ababa, Ethiopia
29 July – 2 August 2013
PCBS experience in the field of strategies for better metadata management

**Inputs**
- Surveys
- Censuses

**Outputs**
- International recommendations
- Best practices
- Principles of official statistics
- Statistical Data
- Metadata

**Main Objective**
- Documentation
- Availability of data for all users
- Re-use of metadata

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PCBS Experience

- Using Metadata Standards (DDI, DCMI)
- Metadata Guide
- Documentation Policy and Strategy
- Metadata Templates (English, Arabic)
- Dissemination Portal for Documented Surveys
The Microdata Management Toolkit developed by the World Bank Data Group for the International Household Survey Network (IHSN) is designed to:

- Address the technical issues facing data producers.
- Promote the adoption of standards for international microdata documentation, dissemination and preservation.
Toolkit Components

- Metadata Editor – Allows the user to add survey metadata and create the ddi.xml and as nestar study document. The Metadata Editor is used to document data in accordance with international standards.
- CD-ROM Builder – Allows the user to generate HTML output from the study that can be published on a CD or the internet for dissemination.
- NADA standalone – Standalone search engine that allows the user to import the ddi.xml and search for variables and view metadata on the desktop.
- NADA Server – Server search engine that allows the user to import the ddi.xml and search for variables and view metadata on the internet.
Metadata Editor

• Compile survey data and metadata with an easy to use interface
• Easy to import standards through the IHSN templates and start documenting immediately.
• Outputs file in NESSTAR format for browsing and accessing data
• Outputs file in XML format for data and metadata exchange using the DDI.

Easy to use!
Metadata Editor Inputs/Outputs

**Metadata Editor Features**

- Full Metadata in an easy Interface
- Build In Templates for documentation according to standards

- Metadata about the survey
- SPSS, STATA, ASCII
- Documents (Questionnaire, Methodology, Tables, Maps, ...etc)

**Inputs**

**Metadata Editor**

**Outputs**

Data and Metadata

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CD-ROM Builder

- Purpose is to publish survey metadata, documents and data on a CD-Rom (or web site)
- Transforms DDI into an HTML based interface
- User can customize the layout (branding) and content of the CD (single or multi-surveys)
- Open source application
- Based on DDI / Dublin Core
- Integrates with Metadata Editor
- Easy to use!
Purpose is to publish survey metadata, documents and data on or web site from DDI
• Transforms DDI into an HTML based interface
• User can search the surveys for specific variables
• Users can view documentation on the survey plus DDI
• Open source application

Easy to use!

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Central Data Catalog

Found 139 studies out of 139

Sort results by: Year | Title | Popularity

Showing 1-15 of 139 studies

Agriculture Statistics Survey, 2010/2011
2012
By: Palestinian Central Bureau of Statistics - Palestinian National Authority

Business Survey on ICT, 2007
General Trends and Challenges

- **Metadata**: provide metadata for all surveys and projects
- **Indicators Database** *(DevInfo & SDMX)* in addition to MDGs Indicators Database
- **Tied** Indicators Database with Metadata
- **Harmonization**: Harmonizing data and metadata from different sources *(CountrySTAT, SDMX)*
- **Anonymization**: Public use files, Data Access
Thanks