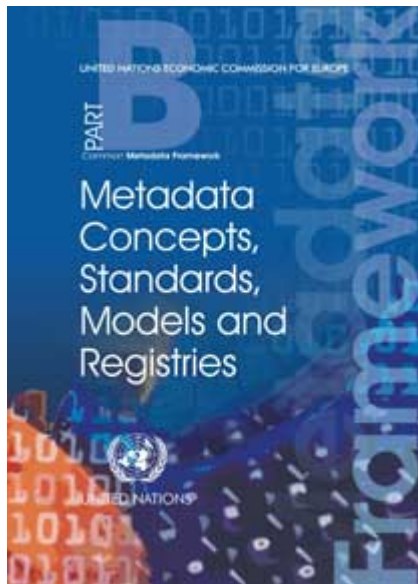


Part B - Metadata Concepts, Standards, Models and Registries



Part B offers an overview of existing resources (standards, concepts, models, best practices and other methodological materials), which are likely to be applicable when designing and implementing statistical metadata systems. It is designed primarily as an Internet publication, so that it can be kept as up to date as possible.

Please note: Part B is a living document. It is reviewed regularly for accuracy and relevance. Comments and suggestions are welcome, and can be sent to support.stat@unece.org.

I. Introduction

II. Resource Descriptions

1. Statistical Concepts

- 1.1 Statistical Classifications
- 1.2 Statistical Units
- 1.3 Statistical Variables and Characteristics
- 1.4 Statistical Subject-matter Domains (UNECE / SDMX)
- 1.5 SDMX - Metadata Common Vocabulary
- 1.6 SDMX - Cross-domain Concepts
- 1.7 SDMX - Cross-domain Code-lists

2. Technical Standards

- 2.1 Dublin Core
- 2.2 Data Documentation Initiative (DDI)
- 2.3 Metadata Registries (ISO/IEC 11179)
- 2.4 Statistical Data and Metadata eXchange (SDMX)
- 2.5 Common Warehouse Metamodel (ISO/IEC 19504)
- 2.6 eXtensible Business Reporting Language (XBRL)
- 2.7 GIS (ISO 19115)

3. Models and Statistical Practices

- 3.1 Neuchâtel Model (Classifications, Variables)
- 3.2 CRISTAL Model

- 3.3 Generic Statistical Business Process Model (GSBPM)
- 3.4 Corporate Metadata Repository (CMR)
- 3.5 Data Quality Assurance Framework (DQAF)/ Special Data Dissemination Standards (SDDS)
- 3.6 ESS Standard for Quality Reports
- 3.7 Nordic Metamodel for PC-Axis

4. Methodological Guidelines and Recommendations

- 4.1 UNECE Guidelines for the Modeling Statistical Data and Metadata
- 4.2 UNECE Guidelines for Statistical Metadata on the Internet
- 4.3 Recommendations on Formats Relevant to the Downloading of Data from the Internet
- 4.4 Best Practices in Designing Websites for Dissemination of Statistics
- 4.5 Data and Metadata Reporting and Presentation Handbook

III. Relationships between Resources

This section shows the relationships between the different resources described in Section II.

IV. Other Resources

This section is for links to resources not described in Section II, but which still might be of interest to those developing Statistical Metadata Systems. These are typically resources that are primarily related to domains other than statistical metadata, resources that are only applied in one country, or resources which are now considered to be obsolete. References to home-pages of metadata-related projects are also included.

Please send any suggestions for additional links to support.stat@unece.org.

- **CARS** (Classifications And Related Standards system developed by Statistics New Zealand)
- **CLASET** (Standard for exchange of statistical classifications)
- **Metanet** (Metadata Network of Excellence project 2000 - 2003)
- **Terminology on Statistical Metadata** (Conference of European Statisticians Statistical Standards and Studies No. 53, 2000)

Annex - Final Report of the Task Force on Part B

Approved by the METIS Steering Group, January 2011

Working documents of the Task-Force on Part B