

UNITED NATIONS ECONOMIC COMMISSION FOR EUROPE
CONFERENCE OF EUROPEAN STATISTICIANS

ModernStats World Workshop

21-22 October 2024, Geneva

Using standards to develop a system for coherent metadata for production and dissemination in Denmark

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Abstract

Over the past decade and a half, Statistics Denmark has worked on implementing a consistent and coherent metadata system to promote statistical interoperability, enable reuse of metadata and metadata driven production. In the implementation international standards are used and focus is given to increasing efficiency, by using standardised metadata actively and systematically in the production of official statistics and for dissemination to users. The content and organisation of structural metadata follows the recommendations and standard outlined in Generic Statistical Information Model (GSIM). GSIM supports the information objects that go into and out of the sub processes of the Generic Statistical Business Process Model (GSBPM) which is also taken into account. This paper presents Statistics Denmark's documentation portal, which displays relationships between quality reports (based on the EU Standard Single Integrated Metadata Structure, SIMS), classifications (applying the Neuchâtel Terminology Model) and code lists, as well as the documentation of data series and variables.