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**TERMINOLOGY ON  
STATISTICAL METADATA**



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## NOTE

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## **PREFACE**

The methodological material “Terminology on Statistical Metadata” was prepared at the request of countries participating in the activities on Statistical Metadata organised by UN/ECE Statistical Division within the framework of the programme of work of the Conference of European Statisticians. It represents an extensive voluntary effort on the part of the participants of the UN/ECE Work Session on Statistical Metadata over many years.

The document was reviewed at the Work Session on Statistical Metadata in September 1999. National Statistical Offices of the UN/ECE member countries and Eurostat, the Food and Agriculture Organisation (FAO), International Labour Office (ILO), International Monetary Fund (IMF), Organization for Economic Cooperation and Development (OECD), United Nations Industrial Organization (UNIDO), and United Nations Statistics Division (UNSD) participated in this meeting. The material reflects the outcome of the discussion on the document.

At its 2000 plenary session, the Conference of European Statisticians agreed to have this methodological material reproduced and distributed to interested statistical offices and other users.

## EXECUTIVE SUMMARY

The aim of the publication "Terminology on Statistical Metadata" is to assist National and International Statistical Offices on problems dealing with the development and implementation of statistical metainformation systems. Although glossaries and lists of metadata terms related to statistical surveys, statistical production processes, and statistical data exist in statistical agencies, the terms related to the development and implementation of statistical metainformation systems as such are very often missing. This publication is an effort to overcome that deficiency.

Another problem in the existing statistical practice is the fact that many National Statistical Offices are developing metainformation systems independently. Therefore, each statistical agency, or group of agencies, develops its own set of terms (often in several languages) to describe and manage statistical metadata. This lack of standard terminology makes it difficult to share statistical metadata and, ultimately, statistical data across statistical agencies. One of the aims of the use of statistical metadata and the development of statistical metainformation system is allowing access, sharing, comparing, and understanding statistics across international boundaries. The development of standard terminology will greatly help this effort.

In general, terminology is a set of terms used to designate concepts related to a given subject area. Concepts are defined in some natural language. The natural language used and the structure in which the terms are organised are important considerations. In this publication the subject area is a statistical metainformation system. The publication was developed in English language only. Each term is an English word or phrase with a special associated definition. The terms are organized in the thesaurus structure with three relationship types used: related to; broader than; and narrower than. The common English meaning of these phrases defines the relationships.

The current version of the terminology defines over 230 terms related to the use of metadata in statistical data collection, processing and dissemination. The terms describe in more detail the following processes:

- metadata collection (as linked to data collection);
- storing, organising and searching metadata;
- metadata and metainformation system's functions (identification, location, retrieval, processing, analysis and interpretation function);
- metadata models and holdings;
- metadata administration and dissemination.

The scope of the terms in this publication is open to any changes and/or amendments. Its usefulness should be proved in statistical practice. Statistical offices and other interested agencies are encouraged to use this publication broadly and to send their comments, modifications, or proposals to the ECE secretariat. All correspondence regarding this terminology should be sent to: [info.stat@unece.org](mailto:info.stat@unece.org).



**administered component**

<i>Definition:</i>	Any object for which it is desirable to store, organize, and track metadata.
<i>broader:</i>	metadata
<i>related:</i>	object system
<i>narrower:</i>	conceptual domain data element data element concept data set documentation emprise frame methodology object class product program property question questionnaire sample survey survey instance system technique universe value domain

**administrative data****administrative records**

<i>Definition:</i>	The data collected by sources external to statistical offices
<i>broader:</i>	statistical data
<i>related:</i>	metadata statistical macrodata statistical metadata statistical microdata
<i>narrower:</i>	

**administrative survey**

<i>Definition:</i>	A statistical survey conducted by sources external to statistical offices
<i>broader:</i>	survey
<i>related:</i>	census combined survey
<i>narrower:</i>	

**aggregation process**

<i>Definition:</i>	The process that transforms sets of microlevel e-messages (statistical microdata) into macrolevel messages (statistical macrodata)
<i>broader:</i>	process
<i>related:</i>	information process sampling process collection process
<i>narrower:</i>	aggregation process operator aggregation process argument

**aggregation process operator**

*Definition:* A mathematical operator used for specification of aggregation processes with statistical data

*broader:* aggregation process

*related:* aggregation process argument

*narrower:*

**aggregation process argument**

*Definition:* A variable used as a subscript to reference a set of statistical data that enter an aggregation process

*broader:* aggregation process

*related:* aggregation process operator

*narrower:*

**analytic function of statistical metainformation system (SMS)**

*Definition:* A function embedded in a SMS that supports the user in analyzing the data that have been retrieved

*broader:* function of statistical metainformation system

*related:* identification function of SMS  
location function of SMS  
retrieval function of SMS  
processing function of SMS  
interpretation function of SMS

*narrower:*

**attribute**

*Definition:* An inherent characteristic of an object

*broader:*

*related:* characteristic

*narrower:* attribute of a statistical category  
attribute of a statistical indicator

**attribute of a statistical category**

*Definition:* An attribute assigned to a statistical category

*broader:* statistical category  
attribute

*related:*

*narrower:* basic indicator

**attribute of a statistical indicator**

*Definition:* An attribute assigned to a statistical indicator in accordance with the rules of statistical methodology

*broader:* statistical indicator  
attribute

*related:* name of a statistical indicator  
value of a statistical indicator

*narrower:* measurement attribute



**basic indicator**

*Definition:* A statistical indicator that describes principal characteristics of a socio-economic phenomenon or process. One basic indicator belongs to one or more statistical categories, but only one is considered the principal category

*broader:* statistical indicator

*related:* elementary statistical indicator  
derived statistical indicator

*narrower:*

**business register**

*Definition:* A register describing the properties of business establishments

*broader:* register  
index(1)

*related:* household register  
observation register  
population register  
territorial register

*narrower:*

**census**

*Definition:* A survey conducted on the full set of observation objects belonging to a given population or universe

*broader:* survey

*related:* combined survey  
emprise

*narrower:*

**classification scheme**

*Definition:* An arrangement or division of statistical objects into groups based on characteristics that the objects have in common

*broader:* term  
concept

*related:* enumerated value domain  
terminology

*narrower:* thesaurus  
taxonomy  
nomenclature  
code list  
glossary  
keyword  
statistical typology

**client of information system**

*Definition:* An end-user outside the place where the information system is in operation

*broader:* user

*related:* administrators  
software artifacts  
end-user

*narrower:*

## code list

<i>Definition:</i>	An ordered list of assigned codes and their meanings in the given identification and/or classification scheme
<i>broader:</i>	enumerated value domain term concept classification scheme terminology
<i>related:</i>	thesaurus taxonomy nomenclature ontology glossary keyword statistical typology
<i>narrower:</i>	

**collection of a statistical information**

<i>Definition:</i>	A function of statistical information system oriented to the gathering of statistical information
<i>broader:</i>	statistical information processing
<i>related:</i>	storage of a statistical information transformation of a statistical information retrieval of a statistical information distribution of a statistical information user interaction with a statistical information communication with a statistical information system
<i>narrower:</i>	

**combined survey**

<i>Definition:</i>	An arbitrary combination of other surveys
<i>broader:</i>	survey
<i>related:</i>	emprise
<i>narrower:</i>	

**communication function of a statistical information system**

<i>Definition:</i>	A function of the statistical information system, that provides the tools and facilities to its users for a long distance communication with the system either in terminal mode or in network
<i>broader:</i>	statistical information processing
<i>related:</i>	collection of a statistical information storage of a statistical information transformation of a statistical information retrieval of a statistical information distribution of a statistical information user interaction with a statistical information system

**component data element**

<i>Definition:</i>	A data element included in an ordered set of related data elements to form a composite data element.
<i>broader:</i>	data element derived data element
<i>related:</i>	data element value

**composite statistical indicator**

*Definition:* A set of elementary statistical indicators related to a given phenomenon or process or one of their aspects, described by one and only one category of statistical methodology. At least one of the attributes of a composite indicator has more than one occurrence (set, vector, matrix)

*broader:* statistical indicator

*related:* elementary statistical indicator  
construction of a statistical indicator

*narrower:*

**concept**

*Definition:* A unit of thought

*broader:*

*related:* classification scheme  
terminology  
thesaurus  
taxonomy  
nomenclature  
ontology  
glossary  
statistical typology

*narrower:* term

**conceptual domain**

*Definition:* The set value meanings of possible valid values of each data element associated with a data element concept

*broader:*

*related:* data element concept  
value domain

*narrower:* value meaning

**construction of a statistical indicator**

*Definition:* The process of selection, arrangement, and connection of attributes of a statistical indicator in accordance with the methodology used in the statistical system

*broader:* statistical indicator

*related:* identification of a statistical indicator  
retrieval of a statistical indicator  
interpretation of a statistical indicator

*narrower:*

**consultant**

*Definition:* A person who advises the end-user on relevance, availability, and cost of data sources

*broader:* system administrator

*related:* data analyst  
market analyst

*narrower:*

**contact**

*Definition:* An individual or organization that is knowledgeable about a subject

*broader:* administered component

*related:* statistical metainformation system

**container schema**

*Definition:* The schema that gives data-oriented meaning to a database by descriptions of the fields, records, files, and structure of a physical database

*broader:* schema

*related:* metadata  
content schema

*narrower:*

**content**

*Definition:* The part of the survey life cycle that is information concerning the subject of the survey, i.e., what the universe is, a description of the data collected, and a description of the resulting products

*broader:* life cycle of a survey

*related:* planning  
design  
data collection  
survey data processing  
statistical data analysis  
data dissemination

*narrower:*

**content schema**

*Definition:* The schema that gives information-oriented meaning to database content

*broader:* schema

*related:* metainformation  
metadata  
container schema

**context**

*Definition:* The system, database, standard document, or other environment in which an object functions and has meaning.

*broader:*

*related:* metadata  
statistical metadata  
statistical metainformation

*narrower:* administered component

**data**

*Definition:* The physical representation of information in a manner suitable for communication, interpretation, or processing by human beings or by automatic means.

*broader:*

*related:* information

*narrower:* statistical data  
metadata  
data element

**data administrator**

*Definition:* A person responsible for managing the metadata about data elements

*broader:*

*related:* database administrator  
survey designer

system administrator  
system developer

*narrower:*

### **data analyst**

*Definition:* A person responsible for relating multiple sources of statistical data and performing data integration

*broader:* system designer

*related:* data administrator  
system developer

*narrower:*

### **data collection**

*Definition:* An activity of the survey life cycle for gathering data from respondents and recording it for further processing

*broader:* life cycle of a survey

*related:* planning  
design  
content  
survey data processing  
statistical data analysis  
data dissemination

*narrower:* questionnaire

### **data confidentiality**

*Definition:* A property of data, usually resulting from legislative measures, which prevents it from unauthorized disclosure

*broader:* data protection

*related:* data security

### **data dictionary**

*Definition:* A description of a set of data elements usually associated with a single data set

*broader:* information processing  
data processing  
survey

survey processing

*related:* data gathering  
data capture

*narrower:* data collection

### **data dissemination**

*Definition:* An activity in the survey life cycle to distribute or transmit statistical data to its users

*broader:* life cycle of a survey

*related:* planning  
design  
data collection  
survey data processing  
statistical data analysis  
content

*narrower:*

**data element**

*Definition:* A smallest identifiable unit of data within a certain context for which the definition, identification, permissible values, and other information is specified by means of a set of attributes

A fundamental unit of data an organization manages

*broader:* data segment  
*related:* indicator  
*narrower:* derived data element  
 component data element  
 data element identifier  
 data element value

**data element concept**

*Definition:* The human perception of a property of an object set, described independently of any particular representation

*broader:* data segment  
*related:* indicator  
*narrower:* derived data element  
 component data element  
 data element identifier  
 data element value

**data element identifier**

*Definition:* A label assigned to a data element for its unique identification

*broader:* data element  
*related:* data element value  
*narrower:*

**data element value**

*Definition:* A value assigned to a data element from the set of permissible values

*broader:* data element  
 value domain  
*related:* component data element  
 data element identifier  
 derived data element  
 permissible value  
*narrower:*

**data file**

*Definition:* An organized collection of related records of data

*broader:* data  
*related:* database  
*narrower:*

**data holding**

*Definition:* A logical or physical set of data (e.g. database) stored together with its description (e.g. schema)

*broader:*  
*related:* database  
 database schema  
 metadata system  
 metainformation system

**data layer**

*Definition:* The layer in the reference model for standardization in statistics that is used to denote the set of objects related to statistical information

*broader:* data

*related:* metadata layer

*narrower:*

**data processing**

*Definition:* The operation performed on data in order to derive new information according to a given set of rules

*broader:* data

*related:* information processing

*narrower:* statistical data processing

**data protection**

*Definition:* An activity aimed at covering or shielding data from physical damage or unauthorized access

*broader:*

*related:* data security

*narrower:* data confidentiality

**data security**

*Definition:* The measures taken to prevent unauthorized access or use of data

*broader:* data processing  
security

*related:* data confidentiality

*narrower:*

**data segment**

*Definition:* A set of data elements comprising an identified logical or physical unit of data

*broader:* data

*related:* data file  
data record  
database

*narrower:* data element

**data set**

*Definition:* Any organized collection of data

*broader:* data

*related:* data file  
data record  
database

*narrower:* data element

**data type**

*Definition:* A category used to classify the collection of letters, digits, and/or symbols to depict values of a data element based upon the operations that may be performed on the data element.

*broader:* data

*related:* data file  
data record  
database

*narrower:* data element

**database**

*Definition:* A data file or set of data with relationships expressed among data. Data stored in the database are independent of any particular application

*broader:* data

*related:* data file

*narrower:* microdatabase  
macrodatabase  
user interface to a database  
database component

**database administrator**

*Definition:* A person responsible for the design, integrity, and functioning of a database application

*broader:* system administrator

*related:* data administrator

*narrower:*

**database component**

*Definition:* A constituent of data base containing data and metadata

*broader:* database system component

*related:* data element

*narrower:*

**database schema**

*Definition:* A logical description of the content, structure and constraints of a database

*broader:* database  
schema

*related:* metadata  
data description  
container schema  
content schema

*narrower:* statistical metadata  
datalogical statistical metainformation

**database system****database management system**

*Definition:* A generalized software package used to define, create and manage the database

*broader:* system

*related:* data base management system

*narrower:*

**database system component**

*Definition:* A constituent part of data base system with common feature or oriented on execution of particular function of the system. There are two major components of the data base system, the data base component and user interface component

*broader:* database

*related:*

*narrower:* data base component  
user interface component



**datalogical statistical metainformation**

*Definition:* The statistical metainformation that concerns data representations and technical solutions within the statistical information system

*broader:* statistical metainformation

*related:* infological statistical metainformation

*narrower:*

**decision maker**

*Definition:* A person responsible for making decisions within an object system of an information system

*broader:* information system user

*related:* statistical information system users  
statistical metainformation system users

*narrower:* client of information system  
system administrator  
software artifact

**decision making**

*Definition:* The operation that is performed in order to choose between alternative courses of action.

*broader:* information processing

*related:* decision makers

*narrower:*

**derivation formula**

*Definition:* An algorithm to compute data element values

*broader:* data element

*related:* component data element  
data element value

*narrower:*

**derivation type**

*Definition:* Types of derivations for data elements.

*broader:* data element

*related:* component data element  
data element value

*narrower:*

**derived data element**

*Definition:* A data element derived from other data elements using a mathematical, logical, or other type of transformation, e.g. arithmetic formula, composition, aggregation, etc.

*broader:* data element

*related:* component data element  
data element value

*narrower:*

**derived statistical indicator**

*Definition:* A statistical indicator produced on the basis of other indicators by processing their values according to a specified procedure

*broader:* statistical indicator

*related:* basic indicator  
statistical indicator

**descriptive statistics**

*Definition:* Information about the statistical characteristics of data.  
*broader:* characteristics  
*related:* statistical data  
*narrower:*

**design**

*Definition:* The part of the survey life cycle that is about the specifications, procedures, processes and methods used in the development of the sample, questionnaire, estimation techniques, etc for a survey or emprise.  
*broader:* life cycle of a survey technique  
*related:* planning  
 content  
 data collection  
 survey data processing  
 statistical data analysis  
 data dissemination  
*narrower:*

**directive information**

*Definition:* Information that is, by its nature, used in decision making for conceptual or strategic types of decisions  
*broader:* information  
*related:* operative information  
*narrower:*

**distribution of a statistical information**

*Definition:* A function of a statistical information system implemented to support the dissemination of statistical information  
*broader:* statistical information processing  
*related:* collection of a statistical information  
 storage of a statistical information  
 transformation of a statistical information  
 retrieval of a statistical information  
 user interaction with a statistical information system  
 communication with a statistical information system  
*narrower:*

**documentation**

*Definition:* Descriptive text used to define or describe an object, design, specification, instructions, or procedure  
*broader:* statistical information processing  
*related:* collection of a statistical information  
 storage of a statistical information  
 transformation of a statistical information  
 retrieval of a statistical information  
 user interaction with a statistical information system  
 communication with a statistical information system  
*narrower:*

**documentation type**

*Definition:* List of types of documents, used to help classify documents  
*broader:* documentation  
*related:*  
*narrower:*

**elementary message (e-message)**

*Definition:* The simplest message built from references to objects, properties, relations between objects, and times  
*broader:* message  
 statistical message  
*related:* elementary statistical indicator  
*narrower:* relational e-message  
 property e-message  
 macrolevel e-message  
 microlevel e-message

**elementary statistical indicator**

*Definition:* The statistical indicator related to one phenomenon or process. The elementary statistical indicator has one and only one value.  
*broader:* statistical indicator  
 composite statistical indicator  
*related:*  
*narrower:*

**emprise**

*Definition:* An identifiable effort incorporating and combining statistical data from more than one survey instance  
*broader:*  
*related:* survey  
 survey instance  
*narrower:*

**end-user**

*Definition:* A person who receives statistical information with the aim to utilize it for his practical purposes  
*broader:* statistical information system user  
*related:* client  
*narrower:*

**enumerated value domain**

*Definition:* A value domain specified by a list of all permissible values  
*broader:* value domain  
*related:* non-enumerated value domain  
*narrower:* permissible values

**final observation register**

*Definition:* An observation register created at the final stage of the life cycle of a survey instance  
*broader:* observation register  
 register  
*related:*  
*narrower:*

**format**

*Definition:* A description of the order of a set of data elements used in a data set.  
*broader:* data set  
*related:* data dictionary  
*narrower:* data element

**frame**

*Definition:* All the identified objects based on a universe definition  
*broader:* universe  
*related:* survey  
*narrower:* sample

**free-text statistical metainformation**

*Definition:* The statistical metainformation that describes the factual statistical data in a non-formalized free text format  
*broader:* statistical metainformation  
*related:* qualitative statistical metainformation  
 quantitative statistical metainformation  
*narrower:*

**function of a statistical metainformation system (SMS)**

*Definition:* A particular type of operation that is performed by the statistical metainformation system  
*broader:* statistical metainformation system  
*related:* statistical information system  
*narrower:* identification function of SMS  
 location function of SMS  
 retrieval function of SMS  
 processing function of SMS  
 interpretation function of SMS  
 analytic function of SMS

**generic statistical message (GESMES)**

*Definition:* A generic model of a statistical message  
*broader:* message  
*related:...*  
*narrower:* statistical message

**geographical code**

*Definition:* A numeric code that is assigned to a geographical territory or administrative unit in order to identify it in statistical data processing  
*broader:* code list  
*related:* country code  
*narrower:*

**global statistical metadata**

*Definition:* The statistical metadata that is of general use in statistical production or originated in processing of final statistical outputs  
*broader:* statistical metadata  
*related:* local statistical metadata  
*narrower:*

## glossary

*Definition:* A collection of terms  
*broader:* term  
 concept  
 classification scheme  
 terminology  
*related:* thesaurus  
 taxonomy  
 ontology  
 nomenclature  
 code list  
 keyword  
 statistical typology  
*narrower:*

**household register**

*Definition:* A register describing the properties of households  
*broader:* register  
 index(1)  
*related:* business register  
 observation register  
 population register  
 territorial register  
*narrower:*

**identification function of statistical metainformation system (SMS)**

*Definition:* A function of SMS oriented on identification and determination of available statistical information  
*broader:* function of statistical metainformation system  
*related:* location function of SMS  
 retrieval function of SMS  
 processing function of SMS  
 interpretation function of SMS  
 analytic function of SMS  
*narrower:*

**identification of a statistical indicator**

*Definition:* The process of making a union of characteristics of certain phenomenon in the object system in order to define an statistical indicator which corresponds them by its construction  
*broader:* statistical indicator  
*related:* construction of a statistical indicator  
 retrieval of a statistical indicator  
 interpretation of a statistical indicator  
*narrower:*

**identifier of a statistical indicator**

*Definition:* A label used to identify a statistical indicator. It may have a form a short alphanumeric name or a code.  
*broader:* statistical indicator  
*related:* name of statistical indicator  
 attribute of a statistical indicator  
 value of a statistical indicator

**immediate statistical production**

*Definition:* The statistical production carried out directly and in parallel with processing of the survey

*broader:* statistical production

*related:* mediate statistical production  
survey instance  
emprise

*narrower:*

**index**

*Definition:* (1) An ordered list of some specific data selected from and related to a larger body of text or to a data file  
(2) A ratio or other number derived from a series of observations and used as comparative indicator

*broader:*

*related:* register  
business register  
observation register

*narrower:*

**infological statistical metainformation**

*Definition:* The statistical metainformation that concerns the meaning and contents of statistical information and statistical information system functions

*broader:* statistical metainformation

*related:* datalogical statistical metainformation

*narrower:*

**infologically complete statistical information system**

*Definition:* An information system, which as an integral part contains all the metainformation that its users use for correct interpretation of output data

*broader:* statistical information system

*related:* procedurally complete SIS

*narrower:*

**information**

*Definition:* Knowledge concerning any objects such as facts, events, things, processes or ideas including concepts that within a certain context has a particular meaning  
(ISO/IEC 2382-1;1992)

*broader:*

*related:* data  
information system

*narrower:* directive information  
operative information  
statistical information  
information processing  
metainformation

**information function of a statistical metainformation system (SMS)**

*Definition:* A function aimed at informing users on statistical information they can receive from the statistical information system.

*broader:* function of statistical metainformation system  
*related;* identification function of SMS  
location function of SMS  
retrieval function of SMS  
processing function of SMS  
interpretation function of SMS  
analytic function of SMS  
*narrower:*

### **information process**

*Definition:* The process carried on data in order to increase the value or significance of the information conveyed by this data  
*broader:* process  
*related:* sampling process  
collection process  
aggregation process  
output process  
*narrower:*

### **information processing**

*Definition:* The operations performed on information or data in order to derive new information according to a set of rules.  
*broader:* information  
*related:* data processing  
*narrower:* decision making  
statistical information processing

### **information system**

*Definition:* A system which supports decision-making concerning some piece of reality, the object system by giving the decision makers access to information concerning relevant aspects of the object system and its environment.  
*broader:* system  
*related* information  
information processing  
statistical information  
*narrower:* statistical information system  
metainformation system

### **input-oriented subsystem of statistical information system**

*Definition:* A subsystem of SIS oriented toward collection of statistical data  
*broader:* statistical information system  
*related:* output-oriented subsystem of SIS  
*narrower:*

### **integrated metainformation subsystem**

*Definition:* An integral part of statistical information system where all metainformation functions and metadata are formed on to a subsystem.  
*broader:* statistical metainformation system  
statistical information system  
*related:* metainformation  
metadata  
*narrower:*

**interpretation function of statistical metainformation system (SMS)**

- Definition:* A function of SMS that supports the user in interpretation of statistical data by providing him with an appropriate factual or rule-based metainformation
- broader:* function of statistical metainformation system
- related:* identification function of SMS  
location function of SMS  
retrieval function of SMS  
processing function of SMS  
analytic function of SMS
- narrower:*

**keyword**

- Definition:* Word used for linking to certain classified objects.
- broader:* term  
concept  
classification scheme  
terminology
- related:* thesaurus  
taxonomy  
ontology  
nomenclature  
code list  
glossary  
statistical typology
- narrower:*

**life cycle of a survey**

- Definition:* An interval of time during which a sequence phases of a survey is completed
- broader:* survey
- related:* survey instance
- narrower:* content  
planning  
design  
data collection  
survey data processing  
statistical data analysis  
data dissemination

**local statistical metadata**

- Definition:* The statistical metadata that are originated and residing in the place where the operation and maintenance of particular surveys are performed
- broader:* statistical metadata
- related:* global statistical metadata
- narrower:*

**location function of statistical metainformation system (SMS)**

- Definition:* A function of SMS oriented on positioning of some statistical data for a purpose of its actual retrieval
- broader:* function of statistical metainformation system



*related:* identification function of SMS  
retrieval function of SMS  
processing function of SMS  
interpretation function of SMS  
analytic function of SMS

*narrower:*

### **macrodatabase**

*Definition:* The database containing macrodata  
*broader:* database  
*related:* statistical macrodata

### **macrolevel e-message**

*Definition:* An elementary message on the collection of objects as a whole or on a sub-collection of this collection. It consists of object, property and time component  
*broader:* elementary message (e-message)  
*related:* microlevel e-message  
statistical macrodata  
statistical macroinformation  
aggregation process

### **macrolevel message; statistical message**

*Definition:* An estimated value of certain characteristic of interest for a certain collection of objects of interest at a certain point of time  
*broader:* message  
*related:* statistical indicator  
observation message  
*narrower:*

### **market analyst**

*Definition:* A person who evaluates demand for statistical data, assesses the supply, identifies gaps, and determines market opportunities  
*broader:*  
*related:* strategic planner  
system administrator  
data analyst

### **measurement attribute of statistical indicator**

*Definition:* The attribute of statistical indicator that describes a measurement unit for the value of statistical indicator  
*broader:* statistical indicator  
attribute of a statistical indicator  
*related:* value of a statistical indicator  
*narrower:*

### **mediate statistical production**

*Definition:* The statistical production whose results are subjects for carrying out of special studies or basis for further production of statistics  
*broader:* statistical production  
*related:* immediate statistical production  
survey instance  
emprise

**message**

*Definition:* (1) GENERAL: A combination of characters and symbols designed to convey information  
 (2) In INFOLOGICAL THEORY: A convention used to describe factual information in the formalized way by referencing to entities in a piece of reality that is of interest

*broader:* communication

*related:* information

*narrower:* elementary message (e-message)  
 microlevel message  
 macrolevel message  
 statistical information

**metadata**

*Definition:* Data and other documentation that describes objects in a formalized way

*broader:* data

*related:* metainformation

*narrower:* statistical metadata

**metadata holding**

*Definition:* A logical or physical set of metadata (e.g. database) stored together with its description (e.g. schema)

*broader:* statistical metadata

*related:* statistical metainformation system  
 data holding

*narrower:* code list  
 catalogue  
 register  
 business register  
 classification scheme

**metadata item**

*Definition:* A group of characters describing the data and treated as metadata unit

*broader:* statistical metadata

*related:* data item

*narrower:*

**metadata layer**

*Definition:* The layer in the reference model for standardization in statistics used to denote the set of attributes related to statistical metainformation

*broader:* statistical metadata

*related:* data layer  
 computing layer

*narrower:*

**metainformation**

*Definition:* Knowledge of objects described by metadata

*broader:*

*related:* metadata

*narrower:* statistical metadata  
 statistical metainformation

**methodology**

*Definition:* A structured approach to solve a problem  
*broader:* administered component  
*related:*  
*narrower:* technique

**microdatabase**

*Definition:* The database containing microdata  
*broader:* database  
*related:* microdata  
 microinformation  
*narrower:*

**microlevel e-message**

*Definition:* An e-message concerning an individual object in a collective of objects  
*broader:* e-message  
*related:* macrolevel e-message  
 statistical microdata  
 statistical microinformation  
 aggregation process  
*narrower:*

**microlevel message;  
observation message**

*Definition:* A reporting observation usually done by measurement on the values of microlevel variables and objects at certain time that are used as inputs to an estimation and aggregation process producing statistical messages  
*broader:* message  
*related:* statistical message  
*narrower:*

**nomenclature**

*Definition:* A list of names of elements of a classification scheme  
*broader:* enumerated value domain  
 term  
 concept  
 classification scheme  
 terminology  
*related:* thesaurus  
 taxonomy  
 code list  
 ontology  
 glossary  
 keyword  
 statistical typology  
*narrower:*

**non-enumerated value domain**

*Definition:* A value domain specified by a rule describing all permissible values  
*broader:* value domain  
*related:* enumerated value domain  
*narrower:* permissible values

**object class**

*Definition:* A set of concepts, abstractions, or things in the natural world that can be identified with explicit boundaries and meaning and whose properties and behavior all follow the same rules

*broader:* data element

*related:* property  
value domain

*narrower:*

**object of statistical information/data**

*Definition:* A piece of reality on which statistical data is collected

*broader:* statistical data  
statistical information  
statistical data

*related:* statistical information object

*narrower:*

**object system**

*Definition:* A piece of reality, considered as a target system of an information system

*broader:*

*related:* object of statistical data  
statistical metainformation system

*narrower:* object system of interest  
object system of control  
object system of action  
object system of observation  
object system entity  
object system population

**object system entity**

*Definition:* An independent and distinct existence of an objective or conceptual reality within an object system

*broader:* object system

*related:*

*narrower:*

**object system of action**

*Definition:* The object system of decision-makers and/or of other actors in activities being served by the information system

*broader:* object system

*related:* object system of interest  
object system of control  
object system of observation

*narrower:*

**object system of control**

*Definition:* The piece of reality about which the information system provides information, in order to facilitate decisions and actions upon the actors in the object system

*broader:* object system

*related:* object system of interest  
object system of action  
object system of observation

*narrower:*

**object system of interest**

*Definition:* The piece of reality upon which the decision-makers act directly  
*broader:* object system  
*related:* object system of control  
 object system of action  
 object system of observation  
*narrower:*

**object system population**

*Definition:* The whole number of objects (entities, statistical units) in the object system  
*broader:* object system  
*related:* object system entity  
 statistical unit  
*narrower:*

**observation message**

*Definition:* A message containing data used to describe entities in the piece of reality, which the observation is interested in.  
*broader:* message  
*related:* e-message  
 microlevel message  
*narrower:* data

**observation processing**

*Definition:* A series of actions or operations on statistical observations  
*broader:*  
*related:* statistical information processing  
 survey data processing  
 survey processing  
*narrower:*

**observation register**

*Definition:* A register established at some stage of execution of a statistical survey and serving either as a basis for aggregation and estimation procedures producing the immediate statistical results of the survey, or for storing the input object data for potential future reuse  
*broader:* register  
*related:* business register  
*narrower:*

**ontology**

*Definition:* A formal specification of a conceptualization; i.e. the objects, concepts, and other entities that are assumed to exist in some area of interest and the relationships that hold among them  
*broader:* enumerated value domain  
 term  
 concept  
 classification scheme  
 terminology  
*related:* thesaurus  
 taxonomy  
 nomenclature

code list  
glossary  
keyword  
statistical typology

*narrower:*

### **operative information**

*Definition:* An information that is, by its nature used in decision making for operative type of decisions

*broader:* information

*related:* directive information

*narrower:*

### **output-oriented subsystem of statistical information system**

*Definition:* A subsystem of the statistical information system oriented toward communication and distribution of statistical information

*broader:* statistical information system

*related:* input-oriented subsystem of SIS

*narrower:*

### **permissible value**

*Definition:* The allowable values for a value domain

*broader:* value domain

enumerated value domain

non-enumerated value domain

*related:* value meaning

*narrower:*

### **pilot survey**

*Definition:* An operation designed to test a preliminary version of all aspects of a survey

*broader:* survey

*related:* life cycle of a survey

*narrower:*

### **planning**

*Definition:* A phase of the survey's life cycle comprising design decisions for the survey concerning mainly object types and populations of interest, variables of interest, object types and variables to be observed and sampling strategy

*broader:* life cycle of a survey

*related:* content

design

data collection

survey data processing

statistical data analysis

data dissemination

*narrower:*

### **population register**

*Definition:* The register describing the properties of members of a population

*broader:* register

index(1)

*related:* business register  
household register  
observation register  
territorial register

*narrower:*

### **procedurally complete statistical information system**

*Definition:* An information system which contains as an integral part the all metainformation that are used to support software artifacts and information system administration for operating and maintaining the procedures of the information system

*broader:* statistical information system

*related:* infologically complete SIS

*narrower:*

### **process; procedure**

*Definition:* A series of actions or operations that make gradual changes leading towards a particular result

*broader:* statistical data processing

*related:*

*narrower:* information process  
sampling process  
collection process  
aggregation process  
output process

### **process oriented statistical metainformation**

*Definition:* The metainformation that is used to document and to support statistical processes themselves

*broader:* statistical metainformation

*related:* product oriented statistical metainformation

*narrower:*

### **processing function of statistical metainformation system (SMS)**

*Definition:* A function of SMS that supports statistical data processing by supplying it with the relevant metainformation

*broader:* function of statistical metainformation system

*related:* identification function of SMS

location function of SMS

retrieval function of SMS

interpretation function of SMS

analytic function of SMS

*narrower:*

### **product**

*Definition:* A finished deliverable of a survey instance or emprise

*broader:* administered component

*related:* data set

survey instance

emprise

*narrower:*

**product oriented statistical metainformation**

*Definition:* The metainformation system that is oriented for documentation of the results produced by statistical processes  
*broader:* statistical metainformation  
*related:* process oriented statistical metainformation  
*narrower:*

**program**

*Definition:* A group of related surveys  
*broader:* administrated component  
*related:*  
*narrower:* survey

**property**

*Definition:* A peculiarity common to all members of an object class  
*broader:* data element  
*related:* object class  
 value domain  
*narrower:*

**property e-message**

*Definition:* An elementary message that informs about the fact that a certain object has a certain property at a certain time  
*broader:* e-message  
*related:* relational e-message

**qualitative data**

*Definition:* Data describing the attributes or properties that an object possesses  
*broader:* data  
 statistical data  
*related:* qualitative statistical metainformation  
 quantitative statistical metainformation  
 quantitative data

**qualitative statistical metainformation**

*Definition:* The statistical metainformation describing the qualitative data  
*broader:* statistical metainformation  
*related:* quantitative statistical metainformation  
 factual statistical metainformation  
 free-text factual statistical metainformation  
 qualitative data  
*narrower:*

**quantitative data**

*Definition:* Data expressing a certain quantity, amount or range of values related to an object. The quantitative data is usually associated with measurement units  
*broader:* data  
 statistical data  
*related:* qualitative data  
 qualitative statistical metainformation  
 quantitative statistical metainformation  
*narrower:*



**quantitative statistical metainformation**

*Definition:* The statistical metainformation describing the quantitative data  
*broader:* statistical metainformation  
*related:* qualitative statistical metainformation  
 free-text factual statistical metainformation  
 quantitative data  
*narrower:*

**question**

*Definition:* A request for one or more related pieces of information from a respondent  
*broader:* questionnaire  
*related:* data element concept  
*narrower:* response choice

**questionnaire**

*Definition:* An identifiable instrument containing questions for gathering data from respondents  
*broader:* survey  
*related:*  
*narrower:* question  
 data element concept

**register**

*Definition:* A written and complete record containing regular entries of items and details on particular set of objects  
*broader:*  
*related:* index(1)  
*narrower:* business register  
 observation register  
 population register  
 territorial register

**relational e-message**

*Definition:* An elementary message that informs about the fact that objects are related to each other in a certain way at a certain time  
*broader:* e-message  
*related:* property e-message  
*narrower:*

**reporting unit**

*Definition:* A unit that supplies the data for a given survey instance  
*broader:* survey instance  
 unit  
*related:* questionnaire  
 statistical unit  
*narrower:*

**representation class**

*Definition:* A classification of value domains based upon the data type  
*broader:* data element  
*related:* value domain

*narrower:* data type

### response choice

*Definition:* One of several alternative answers to a question  
*broader:* question  
*related:* value domain  
*narrower:* permissible value

### retrieval function of statistical metainformation system (SMS)

*Definition:* A function of the statistical information system oriented on finding the selected data and depicted it to the user  
*broader:* function of statistical metainformation system  
*related:* identification function of SMS  
 location function of SMS  
 processing function of SMS  
 interpretation function of SMS  
 analytic function of SMS  
*narrower:*

### retrieval of statistical information

*Definition:* A function of statistical information system oriented on discovering or locating of statistical information and getting it out from the system  
*broader:* statistical information processing  
*related:* collection of a statistical information  
 storage of a statistical information  
 transformation of a statistical information  
 distribution of a statistical information  
 user interaction with a statistical information system  
 communication with a statistical information system  
*narrower:* retrieval of statistical indicator

### rule based statistical metainformation

*Definition:* The metainformation that is used to control the production of statistical information. It may have a form of a definition, a method, a law, an algorithm or a description of system behavior  
*broader:* statistical metainformation  
*related:* factual statistical metainformation

### sample

*Definition:* A subset of a frame where elements are selected based on a randomized process with a known probability of selection  
*broader:* universe  
 frame  
*related:* survey  
*narrower:*

### sampling process

*Definition:* The process of selecting a sample from a frame  
*broader:* process  
 sample  
 frame  
*related:* information process  
 collection process

		aggregation process output process
	<i>narrower:</i>	
<b>schema</b>	<i>Definition:</i>	A logical description of the content, structure, and constraints of a system
	<i>broader:</i>	system
	<i>related:</i>	metadata
	<i>narrower:</i>	database schema
<b>software artifact</b>	<i>Definition:</i>	A product developed by human beings but executed by computers
	<i>broader:</i>	
	<i>related:</i>	client of information system system administrator
	<i>narrower:</i>	
<b>statistical catalogue</b>	<i>Definition:</i>	A code list of statistical indicators, metadata, questionnaires, tables and other defined elements of a statistical information system
	<i>broader:</i>	interpretation of a statistical indicator
	<i>related:</i>	register
	<i>narrower:</i>	
<b>statistical category</b>	<i>Definition:</i>	(1) A fundamental form, defined by statistical methodology, to which a particular object of statistical observation may belong (2) An attribute which describes the basic subject-matter division of the statistical information system into homogeneous classes.
	<i>broader:</i>	
	<i>related:</i>	classification scheme nomenclature code list
	<i>narrower:</i>	attributes of a statistical category
<b>statistical computing</b>	<i>Definition:</i>	Mathematical or logical operations carried out on statistical data according to a set of rules derived from statistical methodology
	<i>broader:</i>	
	<i>related:</i>	statistical data processing statistical information processing
	<i>narrower:</i>	
<b>statistical data</b>	<i>Definition:</i>	Data that are collected and/or generated by statistics in process of statistical observations or statistical data processing.
	<i>broader:</i>	data
	<i>related:</i>	statistical information
	<i>narrower:</i>	object of statistical data statistical microdata statistical macrodata statistical metadata

**statistical data analysis**

- Definition:* An activity of the survey life cycle for the evaluation of the social-economic phenomena described by means of statistical data
- broader:* life cycle of a survey
- related:* planning  
design  
data collection  
survey data processing  
content  
data dissemination
- narrower:*

**statistical data collection**

- Definition:* The operation of statistical data processing aimed at gathering of statistical data and producing the input object data of a statistical survey
- broader:* statistical data processing
- related:* statistical data editing  
statistical data analysis  
statistical survey
- narrower:* derived statistical data collection  
statistical observation and measurement

**statistical data editing**

- Definition:* The operation of detecting and correcting errors in statistical data
- broader:* survey data processing
- related:* data collection  
statistical data analysis
- narrower:*

**statistical graph**

- Definition:* A diagram that represents a variation of the values of one statistical indicator with respect to the values of one or more other statistical indicators
- broader:* statistical data
- related:* product  
statistical table
- narrower:*

**statistical indicator**

- Definition:* A data element that represents statistical data for a specified time, place, and other characteristics
- broader:* statistical data  
statistical information
- related:* statistical macrodata  
statistical microdata  
statistical metadata  
statistical metainformation
- narrower:* elementary statistical indicator  
composite statistical indicator  
identifier of a statistical indicator  
attribute of a statistical indicator  
value of a statistical indicator

**statistical information**

- Definition:* An information gathered by statistical observation or produced by survey data processing. Statistical information describes, express in figures, characteristics of a community (population).
- broader:* information
- related:* statistical data  
statistical information system
- narrower:* statistical macroinformation  
statistical microinformation  
statistical information processing

**statistical information processing**

- Definition:* The information processing driven by set of rules that are derived from statistical methodology.
- broader:* statistical information  
information processing
- related:* statistical data processing  
statistical observation processing  
survey processing  
statistical production  
statistical information system
- narrower:* collection of a statistical information  
storage of a statistical information  
transformation of a statistical information  
retrieval of a statistical information  
distribution of a statistical information  
user interaction with a statistical information system  
communication with a statistical information system

**statistical information system (SIS)**

- Definition:* The information system oriented towards the collection, storage, transformation and distribution of statistical information
- broader:* information system
- related:* statistical information  
statistical information processing
- narrower:* input-oriented subsystem of SIS  
output oriented subsystem of SIS  
infologically complete SIS  
procedurally complete SIS  
statistical metainformation system

**statistical layer**

- Definition:* The layer in the reference model for standardization in statistics used to denote methods and algorithms of statistical computing
- broader:* statistical computing
- related:* data layer  
metadata layer
- narrower:*

**statistical macrodata**

- Definition:* An observation data gained by a purposeful aggregation of statistical microdata conforming to statistical methodology.
- broader:* statistical data

*related:* statistical microdata  
 statistical unit for macrodata  
 statistical microinformation  
 statistical macroinformation  
 macrolevel e-message

*narrower:*

### **statistical macrodatabase**

*Definition:* The database containing statistical macrodata

*broader:* database

*related:* statistical macrodata  
 microdatabase

*narrower:*

### **statistical macroinformation**

*Definition:* The knowledge contents of statistical macrodata as interpreted by human being.

*broader:* statistical information

*related:* statistical macrodata  
 statistical microinformation  
 macrolevel e-message

*narrower:*

### **statistical message**

*Definition:* A message carrying statistical data

*broader:* message  
 GESMES

*related:* statistical data  
 microlevel e-message  
 macrolevel e-message  
 macrolevel message

*narrower:*

### **statistical metadata**

*Definition:* Metadata describing statistical data

*broader:* metadata  
 statistical data

*related:* statistical metainformation  
 metadata holding  
 metadata layer  
 statistical metadata processing  
 statistical metadata supplier  
 statistical metadata consumer

*narrower:* statistical metadata item  
 local statistical metadata  
 global statistical metadata  
 survey specific statistical metadata  
 survey independent statistical metadata

### **statistical metadata consumer**

*Definition:* A user of statistical metainformation

*broader:* user  
 statistical metadata

statistical metadata processing  
 statistical metadata consumer

*narrower:*

### **statistical metadata processing**

*Definition:* The operation performed on statistical metadata in order to derive new information or metainformation

*broader:* data processing  
 statistical metadata

*related:* statistical data processing  
 statistical metadata supplier

*narrower:* statistical metadata consumer  
 collection of statistical metadata

### **statistical metadata supplier**

*Definition:* A user of a statistical metainformation system who supplies metadata into a statistical information system

*broader:* statistical metadata  
 user

*related:* statistical metainformation user  
 statistical metadata processing  
 statistical metadata consumer

*narrower:*

### **statistical metadata system**

*Definition:* The data processing system that uses, stores, and produces statistical metadata

*broader:* statistical metadata

*related:* statistical metainformation system

*narrower:*

### **statistical metainformation**

*Definition:* Knowledge of objects described by statistical metadata

*broader:* information

metainformation

*related:* statistical metadata  
 statistical metainformation system

*narrower:* statistical metainformation object  
 rule based statistical metainformation  
 factual statistical metainformation  
 product oriented statistical metainformation  
 process oriented statistical metainformation  
 quantitative statistical metainformation  
 qualitative statistical metainformation  
 free-textual statistical metainformation  
 infological statistical metainformation  
 datalogical statistical metainformation

### **statistical metainformation system (SMS)**

*Definition:* An information system for which the object is the statistical information system. The statistical metainformation system uses and stores statistical metadata and produces statistical metainformation for

	purpose of supporting decision making concerning an information system.
<i>broader:</i>	statistical information system statistical metainformation
<i>related:</i>	statistical information processing statistical metadata system
<i>narrower:</i>	function of a statistical metainformation system integrated metainformation subsystem
<b>statistical microdata</b>	
<i>Definition:</i>	An observation data collected on an individual object - statistical unit.
<i>broader:</i>	statistical data
<i>related:</i>	statistical macrodata statistical unit for microdata statistical microinformation microlevel e-message
<i>narrower:</i>	
<b>statistical microdatabase</b>	
<i>Definition:</i>	The database containing statistical microdata
<i>broader:</i>	database
<i>related:</i>	statistical microdata macrodatabase
<i>narrower:</i>	
<b>statistical microinformation</b>	
<i>Definition:</i>	The knowledge contents of statistical microdata as interpreted by human being.
<i>broader:</i>	statistical information
<i>related:</i>	statistical microdata statistical macroinformation microlevel e-message
<i>narrower:</i>	
<b>statistical production</b>	
<i>Definition:</i>	The activity that is carried out within statistical information system and aimed at producing of statistics
<i>broader:</i>	statistics
<i>related:</i>	statistical information processing statistical data processing survey processing
<i>narrower:</i>	immediate statistical production mediate statistical production
<b>statistical survey preparation</b>	
<i>Definition:</i>	A first operative task that includes an establishing of a frame of survey as for the data sources, respondents, objects of observation and interest, drawing a sample from the frame and establishing of empty observation register. A survey preparation is executed after the survey plan has been established
<i>broader:</i>	life cycle of a statistical survey
<i>related:</i>	statistical survey planning statistical survey operation



*narrower:* statistical survey output preparation

### **statistical table**

*Definition:* A method of presenting statistical data to the user that contains data elements, a format (usually a multidimensional array), and labels for rows and columns

*broader:* statistical data

*related:* product

statistical graph

*narrower:*

### **statistical typology**

*Definition:* A study of or analysis or classification based on statistical types. The basic tools of statistical typology are classification schemes, nomenclatures and code lists.

*broader:* enumerated value domain

term

concept

classification scheme

terminology

*related:* thesaurus

taxonomy

ontology

nomenclature

code list

glossary

keyword

*narrower:*

### **statistical unit**

*Definition:* An object of statistical survey and the bearer of statistical characteristics. The statistical unit is the basic unit of statistical observation within a statistical survey

*broader:* unit

*related:* statistical data

*narrower:* statistical unit for microdata

statistical unit for macrodata

### **statistical unit for macrodata**

*Definition:* A statistical unit which is a carrier or a supplier of statistical macrodata in statistical system

*broader:* statistical unit

*related:* macrodata

statistical unit for microdata

*narrower:*

### **statistical unit for microdata**

*Definition:* A statistical unit which is a carrier or a supplier of statistical microdata in statistical system

*broader:* statistical unit

*related:* microdata

statistical unit for macrodata

**storage of a statistical information**

- Definition:* A function of statistical information system oriented on storing and preserving statistical information for later use on permanent storage media
- broader:* statistical information processing
- related:* collection of a statistical information  
transformation of a statistical information  
retrieval of a statistical information  
distribution of a statistical information  
user interaction with a statistical information system  
communication with a statistical information system
- narrower:*

**strategic planner**

- Definition:* A person that ensures the appropriate resources are identified, available and allocated to respond to market demand
- broader:* information system user
- related:* information system designer  
survey designer
- narrower:*

**subject matter statistician**

- Definition:* A person with a special competence and knowledge of particular branch of statistics
- broader:* statistical information system designer
- related:* information system methodologist  
data administrator
- narrower:*

**survey**

- Definition:* An investigation about the characteristics of a given population by means of collecting data from a sample of that population and estimating their characteristics through the systematic use of statistical methodology
- broader:* statistical information system designer
- related:*
- narrower:* sample survey  
statistical survey

**survey data processing  
statistical data processing**

- Definition:* The operations in the survey life cycle performed on statistical data in order to derive new information according to a set of methodological rules used in survey processing
- broader:* life cycle of a survey  
data processing
- related:* planning  
design  
data collection  
content  
statistical data analysis  
data dissemination

**survey documentation**

*Definition:* Documentation describing the life cycle of a survey  
*broader:* documentation  
 survey  
*related:*  
*narrower:* content  
 planning  
 design  
 data collection  
 survey data processing  
 statistical data analysis  
 data dissemination

**survey independent statistical metadata**

*Definition:* Statistical metadata universally used in processing of any statistical survey  
*broader:* statistical metadata  
*related:* statistical survey  
 survey specific statistical metadata  
*narrower:*

**survey instance**

*Definition:* A particular survey and time period in which data are collected from respondents  
*broader:* survey  
 sample survey  
 statistical survey  
*related:*  
*narrower:* data set

**survey processing**

*Definition:* A series of operations on data collected within a given survey leading to the production of requested outputs from the survey  
*broader:* statistical survey  
*related:* statistical information processing  
 statistical data processing  
 statistical observation processing  
*narrower:* survey processing system  
 survey documentation

**survey processing system**

*Definition:* The system that processes the data collected via a survey  
*broader:* survey processing  
 system  
*related:* statistical information system  
*narrower:*

**survey specific statistical metadata**

*Definition:* The statistical metadata that is used in processing of particular statistical survey  
*broader:* statistical metadata  
*related:* statistical survey

		survey independent statistical metadata
	<i>narrower:</i>	
<b>system</b>	<i>Definition:</i>	An identifiable process, either fully automated or computer assisted, which implements one or more techniques
	<i>broader:</i>	administered component
	<i>related:</i>	questionnaire survey survey instance technique
	<i>narrower:</i>	survey processing system
<b>system administrator</b>	<i>Definition:</i>	A person responsible for operating and maintaining an information system, developing its parts, and giving assistance to the end-users
	<i>broader:</i>	information system operator
	<i>related:</i>	data administrator system developer system designer
	<i>narrower:</i>	
<b>system developer</b>	<i>Definition:</i>	A person that develops a database container schema based on the survey content schema
	<i>broader:</i>	information system designer
	<i>related:</i>	strategic planner survey designer
	<i>narrower:</i>	
<b>taxonomy</b>	<i>Definition:</i>	A classification according to presumed natural relationships
	<i>broader:</i>	enumerated value domain term concept classification scheme terminology
	<i>related:</i>	thesaurus glossary ontology nomenclature code list keyword statistical typology
	<i>narrower:</i>	
<b>technique</b>	<i>Definition:</i>	An identifiable algorithm that is used to implement all or part of a methodology
	<i>broader:</i>	methodology
	<i>related:</i>	
	<i>narrower:</i>	system

**term**

*Definition:* A word or phrase used to designate a concept  
*broader:* concept  
*related:*  
*narrower:*

**terminology**

*Definition:* A set of terms  
*broader:* term  
 concept  
*related:* classification scheme  
 enumerated value domain  
*narrower:* code list  
 glossary  
 nomenclature  
 ontology  
 taxonomy  
 thesaurus  
 statistical typology

**territorial register**

*Definition:* A register describing the properties of regions defined for the purposes of statistical observation  
*broader:* interpretation of a statistical indicator  
*related:* business register  
 household register  
 observation register  
 population register  
*narrower:*

**thesaurus**

*Definition:* A controlled set of terms covering a specific domain of knowledge formally organized so that the *a priori* relationships between concepts are made explicit  
*broader:* enumerated value domain  
 term  
 concept  
 terminology  
 classification scheme  
*related:* taxonomy  
 ontology  
 nomenclature  
 code list  
 glossary  
 keyword  
 statistical typology  
*narrower:*

**transformation of a statistical information**

*Definition:* A function of statistical information system oriented on changing of a statistical information in accordance with the rules given by statistical methodology or statistical production  
*broader:* statistical information processing

*related:* collection of a statistical information  
 storage of a statistical information  
 retrieval of a statistical information  
 distribution of a statistical information  
 user interaction with a statistical information system  
 communication with a statistical information system

*narrower:*

**unit**

*Definition:* A single element or a group of elements regarded as a whole in observations and computing

*broader:*

*related:* data

*narrower:* statistical unit

**unit of measure.**

*Definition:* A system of measurement

*broader:* value domain

*related:* representation class

*narrower:*

**universe**

*Definition:* The total population of interest for one or more surveys

*broader:*

*related:*

*narrower:* frame

**user interaction with a statistical information system**

*Definition:* A function of the statistical information system, that provides the possibilities to interact different categories of users with the system

*broader:* statistical information processing

*related:* collection of a statistical information  
 storage of a statistical information  
 transformation of a statistical information  
 retrieval of a statistical information  
 distribution of a statistical information  
 communication with a statistical information system

*narrower:*

**user interface component**

*Definition:* The part of database system containing a user interface, supported by software and by software related metadata

*broader:* database system component

*related:* statistical metainformation system user  
 statistical information system user

*narrower:*

**value domain**

*Definition:* A set of permissible values and their associated value meanings

*broader:* administered component  
 data element

*related:*

*narrower:* enumerated value domain

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non-enumerated value domain  
permissible values  
value meaning

**value meaning**

*Definition:* The meaning or definition of a permissible value  
*broader:* value domain  
*related:* permissible value  
*narrower:*

**value of a statistical indicator**

*Definition:* A numerical quantity observed or computed within a statistical survey and assigned to the statistical indicator  
*broader:* statistical indicator  
*related:* name of a statistical indicator  
attribute of a statistical indicator  
identifier of a statistical indicator  
*narrower:*