

# GSIM Task Team Report

Francine Kalonji (Statistics Canada) - June 27<sup>th</sup>, 2022

# GSIM Framework

- The Generic Statistical Information Model (GSIM) is a reference framework for statistical information and provides a set of standardised, consistently described information objects.
- It provides an extensive coverage of statistical information objects and is used across several statistical agencies around the world.
- It also supplies standardised inputs and outputs to the Generic Statistical Business Process Model (GSBPM), a reference framework for statistical processes.
- Current version is 1.2

# Mandate of the Task Team

- For 2020, the Task Team worked on soft updates for clarifying ambiguities and fix minor errors
  - Minor revision
- As progress was made, more significant changes were required
  - Specification for Exchange Channel was required
    - Major change in Exchange Channel
  - Distinction between Statistical Program and Statistical Support Activity and their mapping with GSBPM needed to be outlined
    - Statistical Support Program changed to Statistical Support Activity
  - Lack of GSIM classes to describe guidelines, policies and standards which are important drivers in the statistical production process have to be address
    - A relationship with Rule (Business Group)
  - A look at Referential Metadata to make its use simpler and more practical
    - For reporting on Quality
  - etc.

# GSIM Revision

- Major revision is needed
  - removal of objects, removal of relationship between objects, change of name, definition of objects, change of cardinality that are not backward compatible.
- Inputs
  - From other Task Teams
    - GSIM revision Task Team
    - Linking GSIM and GSBPM Task Team
    - Core Ontology for Official Statistics (COOS)
  - Direct feedback from Statistical Agencies
  - Consultation of other standards: International Organization for Standardization (ISO), Unified Modeling Language (UML), Standard for Data and Metadata eXchange (SDMX), Data Documentation Initiative (DDI), etc.
- Always ensure that meaning/harmonisation of connected classes is not altered

# Timeline



# How we operate

- Conference calls through Microsoft Teams
  - chaired by Francine Kalonji and Flavio Rizzolo, both from Statistics Canada
  - first meeting on January 19<sup>th</sup>, 2022
  - frequency: every three weeks, but adjusted as needed
  - 18 members have joined from Canada, Egypt, Finland, France, Hungary, Italy, Mexico, Norway, United Kingdom and United States of America
- Issues are logged on [Github](#)
  - Tackled based on consensus
  - Inkyung Choi (UNECE secretariat) compiles meeting notes, schedules meetings, brings valuable insights since she sits on many task teams
- Discussions during calls, some offline
  - Decisions usually taken during calls
- 11 reported issues, 3 closed
  - Issue # 5: Missing GSIM Class: specification of Exchange Channel has 30 comments
  - Discussions can be lengthy before reaching an agreement

# Participating members by countries

Country	Members
<b>Canada</b>	Flavio Rizzolo (Chair) Francine Kalonji (Chair) Farrah Sanjari
<b>Egypt</b>	Ayman Hathoot
<b>Finland</b>	Essi Kaukonen Mikko Saloila
<b>France</b>	Florian Vucko
<b>Hungary</b>	Andrea Petres Éva Ender Hajósné Zoltan Vereczkei

Country	Members
<b>Italy</b>	Cecilia Casagrande Claudia Brunini Laura Tosco
<b>Mexico</b>	Juan Munoz Raúl Mejía
<b>Norway</b>	Jenny Linnerud
<b>United Kingdom</b>	Krishnan Ambady
<b>United States of America</b>	Dan Gillman

# Deliverables

- Updated GSIM model
  - Clickable and Enterprise Architect file
    - on the UNECE Stats wiki
- Updated GSIM supporting documents
  - Communication paper
  - User Guide
  - Specification document



In closing

Input/feedback from countries effected by the modifications is very encouraged

New members are always welcome to join the task team

# Useful Links

- COOS: [linked-statistics/COOS: Core ontology for official statistics \(github.com\)](https://github.com/linked-statistics/COOS)
- CSPA: <https://statswiki.unece.org/display/CSPA>
- GAMSO: <https://statswiki.unece.org/display/GAMSO>
- GitHub for GISM Revision: <https://github.com/UNECE/GSIMRevision>
- GSBPM: <https://statswiki.unece.org/display/GSBPM>
- GSIM Communication Paper: <https://statswiki.unece.org/display/gsim/GSIM+v1.2+Communication+Paper>
- GSIM Task Team: <https://statswiki.unece.org/display/Standards/GSIM%3A+Home>
- GSIM: <https://statswiki.unece.org/display/gsim>
- Metadata Glossary: <https://statswiki.unece.org/display/hlgbas/Statistical+Metadata+Glossary>
- Stats Wiki: <https://statswiki.unece.org/display/Standards/GSIM%3A+Home>

# ModernStats World Workshop 2022

**27-29 June @Belgrade, Serbia**



Twitter: @unecestat #ModernStats

Wiki page for timetable and files: <https://statswiki.unece.org/x/sYAqF>