

ModernStats World Workshop 2019

GSIM Review group report



GSIM Revision group report

- Generic Statistical Information Model (GSIM) is the reference framework of information objects, which enables generic descriptions of the definition, management and use of data and metadata throughout the statistical production process.
- GSIM 1.1 was released in 2013.
- GSIM is reviewed every five years and the review period for GSIM 1.1 was launched in 2017



Timeline

- Statistical organisations were invited to submit feedback in July 2017.
- The review team started to look at the proposals in September 2017
- Issues were submitted well after the end of the review period (second round)
 - All the issues from the review have been processed
- Update of the model done (clickable and EA) and published in April
- Documentation still to be updated (glossary, UML diagram and specification)



How did the group work?

- Web conference calls (WebEx) chaired by the UNECE
- Participating organisations: ABS, StatCan, SCB, BLS, Eurostat, Inegi, StatsFinland and Insee. Jenny Linnerud (SSB) also active on the wiki.
- Issues monitored on the UNECE Stats Wiki (public access) (<https://statswiki.unece.org/display/Standards/GSIM+Review+Discussion+Log>)
- Discussions took place during the calls, but also between the calls (on the Wiki). Decisions made during the calls.
- A virtual two-day virtual sprint was held in January 2019.



Overview of the work done

- Two rounds of issues raised.
- First round: 92 issues raised, broken down by:
 - GSIM packages: Base, Concept, Structure, etc.
 - Additional and closely related categories: GSBPM, Communication, clickable GSIM, practical editing, national experiences, etc.
- Second round: 30 issues, split the same way
- All issues set to « resolved », « discussing » or « no action »:
 - 108 are resolved
 - 8 are open (communication issues with no impact on the model)
 - 6 « no action »
- GSIM documentation supports where needed.
- Change log from 1.1 available



What kind issues?

- Conceptual matters: changes in the model requested such as add/remove a class/relationship. Always wonder why and whether it is necessary or not.
- UML technical modelling issues
- Spelling corrections in the documentation
- Re-wording
- Compatibility/alignement/relationships with ModernStats and other standards (e.g LIM, GSBPM, DDI4, etc.)
- Communication and outreach actions to be conducted supported by a better documentation



Principles of the review

- Only make changes where there is a strong business case and when the majority agrees with the change.
- Improve descriptions and explanations where ever possible.
- Provide examples of implemented use where possible
- Merge GSIM and CSPA Logical Information (CSPA LIM) to streamline models. CSPA LIM will be used as a development stream between the GSIM-revisions every 5 years.



Next

- The GSIM 1.2 glossary still to be prepared
- The UML diagram needs to be updated to version 1.2.

