HLG-MOS Modernisation Workshop 2022

2022 HLG-MOS Expert Meetings

12th Annual Workshop of the High-Level Group for the Modernisation of Official Statistics
22-23 November 2022
HLG-MOS Innovation Pipeline 2022


Data Science and Modern Methods Group → Blue Skies Thinking Network → Capability and Communication Group → Supporting Standards Group

HLG-MOS Executive Board → HLG-MOS Modernisation Workshop

CES Bureau

2022 Work Programme
Purpose/Objectives HLG-MOS expert meetings and workshops

• Platforms for experts to:
  – Present innovative practices
  – Enable/Encourage collaboration
  – Identify common future areas of work
  – Share experiences

• Elements:
  – Presentations
  – Small group discussions
  – Interactive sessions
  – Prioritization of future work

• Audience:
  – High-mid level managers
  – Substantive experts
  – NSSs (NSOs/Central Banks etc), Academia & relevant private sector

2021 onward: Every 24 Month in-person, in-between years shorter and more focused online meetings/webinars
Expert Meetings, Workshops, Webinars and Sprints 2022

• HLG-MOS and Chief Statisticians’ Sprint, 10 March 2022, online
• Synthetic Data Challenge, 24-28 January 2022, online
• ModernStats World Workshop, 27-29 June 2022, Belgrade
  • BSTN Cloud for Statistics Workshop, 29 June 2022, Belgrade
• ONS International Data Science Meeting, 12-14 July, Newport
  • ONS/UNECE Machine Learning Group sprint sessions 12-14 July
  • HLG-MOS Blue Skies Thinking Network sprint sessions 12-13 July
  • HLG-MOS Implementing Data Science and Modern Methods sprint sessions 13-14 July
• Expert Meeting on Dissemination and Communication of Statistics, 13-15 Sept., online
• Expert Meeting on Statistical Data Editing, 3-5 October 2022, online
• Workshop on Human Resource Management and Training, 11-13 October, Brussels
• Expert Meeting on Statistical Data Collection 'Towards a New Normal?', 26-28 Oct. Rome
• HLG-MOS Modernisation of Official Statistics Workshop, 22-23 November 2022, Geneva
  • Meta Academy Seminar 24 November
  • Input Privacy-Preservation Techniques Seminar 24 November
Expert Meeting on Statistical Data Collection

- 26-28 October 2022
- 10th Edition (since 2012)
- 54 in person participants representing 24 organizations and about 70 online
- 33 presentations (62 submitted)
- Sessions:
  - Managing Multimode and Rapid Data Collection
  - Respondents Care - communication, improving response, reduce response burden, web portals and automated data collection
  - Responsive Design

Steering Committee:
- Ian O'Sullivan, chair (ONS, United Kingdom)
- Lise Rivais (Statistics Canada)
- Pasuale Papa (Istat, Italy)
- Susan Oudshoorn & Leonne Hollanders (Statistics Netherlands)
- Paulo Saraiva (Statistics Portugal)
- Ahmet Sari (Turkish Statistical Institute)
- Andrea Ascheri (Eurostat)
- Taeke G jaltema & Wai Kit Si Tou (UNECE)
Expert Meeting on Statistical Data Collection

- Respondents as assets (paradigm shift): how to get their feedback; what we need to do to get them responding; building confidence; return of results to data providers
- Use of paradata: how to use paradata to improve response and measurement bias (including legal issues about usage)
- Depend less on survey data: how to use new techniques and more administrative and other non-survey sources
- Use of adaptive techniques and flexible solutions: how to use adaptive and flexible solutions to improve response and reduce costs and bias from selective non-response
- Improve social licensing: how to improve public awareness of what NSOs are doing and the value of survey data
- Differentiation in communication strategies: share experiences, e.g., use of apps and links sent by SMS to reach students or generation specific channels
- System-to-system data communication systems
- Mobile first approach: how to design mobile first questionnaire and use censor data and other smartphone capabilities
- Changing role of field interviewers: how can their role be changed to help us
- Applying clever methods: how to combine probabilistic and non-probabilistic approaches and other shifts in how we collect data and accept risks of breaking time-series
Expert Meeting on Statistical Data Confidentiality

- 1-3 December 2021, Poznan, Poland
- 12th edition (since 1999, 2-year cycle)
- Topics:
  - Access to microdata;
  - Microdata protection;
  - Tabular data;
  - Risk assessment: Privacy, confidentiality, and disclosure;
  - Other emerging issues;
  - Software tools for statistical data confidentiality;

Steering Committee:
- Steven Thomas (Statistics Canada)
- Janika Tarkoma (Statistics Finland)
- Sarah Giessing (Destatis, Germany)
- Peter-Paul de Wolf & Eric Schulte-Nordholt (Statistics Netherlands)
- Josep Domingo (Universitat Rovira i Virgili)
- Krish Muralidhar (University of Oklahoma)
- Aleksandra Bujnowska & Wim Kloek (Eurostat)
- Christopher Jones & Taeke Gjaltema (UNECE)
Expert Meeting on Statistical Data Confidentiality

• Standardising and developing better measures of disclosure risk and utility or information loss, and relating them to parameters used, to automate the way they are balanced; and compare original and synthetic data.

• Examining how SDC techniques impact utility at the level of population or geographic subgroups within the dataset

• Studying risk and utility when SDC methods are combined

• Assessing risk by mimicking real-life attacks in an ethical way

• Relating the purpose of use of synthetic data (for inference versus prediction) to the choice of method used to generate it (how to)

• Using input privacy-preserving techniques for remote secure computation and privacy-preserving analytics (such as federated machine learning) in a multi-party context

• Training needs of SDC practitioners, and how to improve the access of low- and middle-income countries to SDC procedure best practices

• Communicating the principles of SDC techniques to those who use such data and educating data users (and perhaps regulators also) to not over-interpret small/insignificant numbers
Expert Meeting on Dissemination and Communication of Statistics

• 13-15 September 2022
• 20th Edition (since 2000)
• 160 Participants representing 60 organizations (33 Countries, 7 international organizations and 2 universities
• 22 presentations
• Sessions:
  • Brand, Reputation, Trust – Who we are, What we stand for, Our place in society Broadening audiences
  • Market Research, Digital Marketing and Communication Strategies
  • Statistics Made Easy

Steering Committees:
• Kerstin Haensel (DESTATIS, Germany)
• Aeidin Sheppard & Elaine O'Mahoney (CSO Ireland)
• Lígia Nunes & Luís Campos (Banks of Portugal)
• Ana Margarida Rosa (Statistics Portugal)
• Emily Liddel (US BLS)
• Ellen Dougherty (U.S. Department of Agriculture)
• Lukasz Augustyniak & Colin Stewart (Eurostat)
• Terri Mitton (OECD)
• InKyung Choi, Taeke Gjaltema & Tetyana Kolomiyets (UNECE)
Expert Meeting on Dissemination and Communication of Statistics

- How to Measure success and the impact of our communication
- Identifying the resources and capabilities required in a modern communications team in a National Statistics Office
- Strategies to tackle and anticipate disinformation
- How to communicate official statistics making the most of the new tools used by digital natives (from TikTok to transmedia storytelling)
- Dissemination (or communication?) through open data principles
- Communication strategies for younger generations (Gen Z, Generation Alpha and new)
- The role of Metadata (terminology - statistical terms/definitions) on self-explanatory presentation and representation of Data
- Good practices and challenges in providing access to microdata
- Statistical literacy and social media - best platforms for which audiences? Do they attract enough (young) people?
Expert Meeting on Statistical Data Editing

Will be presented next
Planned Expert Meetings and Workshops 2023

• HLG-MOS, *March-April 2023 tbd*
• Expert Meeting on Machine Learning, 21-23 June 2023
• Expert Meeting on Dissemination and Communication of Statistics, 9-11 October 2023, Lisbon, Portugal
• Expert Meeting on Statistical Data Confidentiality, 26-28 September (tbc), Wiesbaden, Germany
• Expert Meeting on Statistical Data Collection, May-June (tbd), online
• HLG-MOS Modernisation Workshop, 20-22 November 2023, Geneva, Switzerland
• Webinars (2023 Projects/Communities)??
• Sprints??