



# Outcome of other thematic workshops under ModernStats

Workshop on the Modernisation of Official Statistics  
19-20 November 2019, Geneva



# Thematic workshops in 2019



Statistical Data  
Collection



Statistical Data  
Confidentiality



Statistical Data  
Dissemination and  
Communication

# Purpose/Objectives workshops

- Platforms for experts to:
  - Present innovative practices
  - Share experiences
  - Enable/Encourage collaboration
  - Identify common future areas of work
- Elements:
  - Presentations
  - Small group discussions
  - Interactive sessions
  - Prioritization of future work
- Audience:
  - High-mid level managers
  - Substantive experts
  - NSOs/NSSs, Academia & relevant private sector





# Innovative Interactive Platform for Practitioners



# Workshop on Dissemination and Communication of Statistical 2019

16th Edition: 12-14 June 2019, Gdansk, Poland

Internal  
Communication &  
Positioning of the  
Communication  
Department

Issue management  
and Participatory  
Activity

Tailored  
Communication  
Strategies and  
Frameworks

Branding

Tailoring  
Communication  
to a Specific  
Audience

2017 & 2018:

Data visualisations

Strategic Communications

New ways with new(s) media

Visions in data dissemination

Communications Environment

Broadening the Target Audience

Strategic communication planning

Measuring success and impact of communication programs

Participants: 79  
Presentations: 24  
Interactive: 4  
annual

# Top priorities for Future Work

- Dissemination versus Communication
- Social media strategies
- Reaching potential users: broadening audiences to non-users
- Culture change (internal and external)
- Segmentation of users and tailoring communication (tools and activities)
- Training of all staff to communicate
- Sharing failures (learn from experiences)
- Employees as multipliers/ambassadors
- Measuring the impact of communication (metrics)
- **ACTION:**
  - Share best practices, templates, tools and models in communication



# Statistical Data Collection Workshop 2019

7th Edition: 14-16 October 2019, Geneva, Switzerland

Future Advanced  
Data Collection  
(interactive  
session)

Communication  
with respondents  
and data providers

Innovative  
solutions to reduce  
the response  
burden

Modernisation  
of Data  
Collection

Advances in  
Electronic Data  
Collection

2017 & 2018:

Alternative sources

Innovating survey design

Optimize data acquisition

Management of Data Collection

Modernisation of data collection

Capabilities and management

Modernise data collection infrastructures

Communication with Respondents

Use of new technologies, skills and mind-set for data collection

Participants: 59  
Presentations: 21  
Interactive: 4  
Annual

# Top priorities for Future Work

- Combining/integrating different and new data sources
- Data collection portals
- Skills and working ways for new techniques and data sources
- Chat bots and use of virtual interviewers
- Questionnaire design for Smart phones and apps
- Sensor data
- Mixed mode strategies and designs
- Tailored/segmented Communication Strategies with users and producers of data
- **ACTION:** (Wiki) Portal to share best practices on priority areas and conduct survey to collect best practices and innovative solutions



# Statistical Data Confidentiality Workshop 2019

## 11th Edition: 29-31 October 2019, the Hague, the Netherlands

Participants: 88  
Presentations: 41  
Interactive: 1  
biennial

Microdata access  
facilities &  
microdata  
protection

Emerging issues

Framework for  
confidentiality

Software tools for  
statistical data  
confidentiality

Risk  
Assessment

Tabular data

Confidentiality issues  
of the Census  
2020/2021 round

2017:

Access to microdata

Microdata and output protection

Census 2021 - Confidentiality issues

Methods and tools for tabular data protection

Utility and disclosure risk in anonymised data

Confidentiality of big data and special types of data

Public use files / open data - Future availability of information

# Top priorities for Future Work

- SDC and Geo-referencing/geospatial data
- Synthetic microdata
- Differential privacy applications
- Utility/risk management
- Safe rooms
- Trust (other organisations and public)
- Standardisation (method/techniques/tools used)
- **ACTION:**
  - Updating glossaries
  - Inventory of handbooks/guidelines
  - Project teams working on specific issues
  - Roadmap/maturity model for microdata access

# Future Work: topics for Groups

## Developing Organisational Capability

- Culture change (internal and external) [DissCom]
- Achieve Culture change/overcome inertia within NSOs [DataCol]
- Employees as multipliers/ambassadors [DissCom]
- Trust [Conf.]
- Training of all staff to communicate [DissCom]
- Skills and working ways for new techniques and data sources [DataCol]
- Utility/risk management [Conf]

## Sharing Tools

- *Sharing tools and experiences [DissCom]*
- *Share ... tools in communication with respondents [DataCol]*
- *Production of safe tables through non-standard software [Conf]*
- *Differential privacy applications [Conf]*
- *Data Collection Portals [DataCol]*

## Supporting Standards

- *Updating glossaries [Conf]*

# Future work: Projects

## Data Science Lab and Collaboration Platform

- Share best practices, templates, tools and models in communication with respondents [DataCol] DissCom][Conf]

## Synthetic data sets

- Synthetic microdata [Conf]

## Chatbots

- Chatbots and use of virtual interviewers [DataCol]

## *(partially) covered in past projects:*

- *Combining/integrating different and new data sources*
- *Censor data*



# Other topics

## (Strategic) Communication

- Segmentation of users and tailoring communication (tools and activities) [DissCom]
- Tailored/segmented Communication Strategies with users and producers of data [DataCol]
- Strategic framework/strategies: Social media strategies [check]
- Trust (other organisations and public) [Conf]
- Metrics: Measuring the impact of communication (metrics) [DissCom]

## Various

- Data collection portals
- Questionnaire design for Smart phones and apps
- Mixed mode strategies and designs
- SDC and Geo-referencing/geospatial data
- Differential privacy applications
- Safe rooms (micro data access)

# Questions



# Steering Group Members 2019

- **Dissemination and Communication of Statistics:**

- Kerstin Haensel (DE)
- Gabrielle Beaudoin (CA)
- Aeidin Sheppard (IE)
- Elaine O'Mahoney (IE)
- Łukasz Nowak (PL)
- Ewa Bandurska (PL)
- Michael Levi (USA BLS)
- Ellen Dougherty (USA DA)
- Lukasz Augustyniak (Eurostat)
- Terri Mitton (OECD)

- **Statistical Data Collection:**

- Lise Rivaïs (CA)
- Irene Salemin (NL)

- Paulo Saraiva (PT)
- Zübeyir Özçelik (TR)
- Britta Gauckler (Eurostat)

- **Statistical Data Confidentiality:**

- Steven Thomas (CA)
- Sarah Giessing (DE)
- Janika Tarkoma (FI)
- Peter-Paul de Wolf (NL)
- Eric Schulte Nordholt (NL)
- Aleksandra Bujnowska (Eurostat)
- Krish Muralidhar (Un. of Oklahoma)
- Josep Domingo (Un. Rovira i Virgili)

# Modernisation workshops 2019

- **Communication and Dissemination of Statistics** 12-14 June 2019, Gdańsk, Poland
- **ModernStats World Workshop**, Geneva, 26-28 June 2019
- **Workshop on Culture Evolution**, 11-13 September 2019, Geneva, Switzerland
- **Statistical Data Collection Workshop** 9-11 October 2019, Geneva
- **Work Session on Statistical Confidentiality** 29-31 October 2019, the Hague, The Netherlands
- **HLG MOS Workshop on the Modernisation of Official Statistics**, Geneva, 18-20 November 2019
- **GSIM e-Training, Virtual**, Geneva, Helsinki, Oslo, Ottawa, Rome and Stockholm, 5 November 2019
- **Key Goals: Sharing innovative practices, identifying challenges and topics for future work**