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European Conference
on Quality in Official Statistics

Programme

Kraków, Poland, 26–29 June 2018

Day 2 – Thursday, June 28, 2018

Session 8

Human resources and quality culture

Time: 09:00–10:30

Room: S2 WAWEL

Chair: Anna Borowska

Speeches:

Capabilities – Improving the quality of statistical capacity development; Steven Vale, UNECE

A matrix model for human resource organization to improve effectiveness and efficiency in official statistics – ISTAT; Silvia Losco, Italian National Institute of Statistics (ISTAT)

Sensibilization on quality at the training center of Insee; Xavier Helfenstein, INSEE

Matching pairs, agile and pin the tail on the donkey – making quality management relevant to non-statistical staff; Olivia Wayman, Office for National Statistics

The new quality strategy in the modernised Italian National Statistical Institute; Giovanna Brancato, Italian National Institute of Statistics (ISTAT)

Future – Engage – Deliver: refreshing the UK Code of Practice for Statistics; Ed Humpherson, UK Office for Statistics Regulation

Session 5

Quality measurement and reporting II

Time: 09:00–10:30

Room: S3A BARBAKAN

Chair: Alexandru Gherasim

Speeches:

Quality reporting in the ESS – State of play and next steps; Javier Alcantara Ortega, Eurostat

Raising awareness and continuously improving quality in Statistics Denmark; Karin Blix, Statistics Denmark

Coherence – Accuracy – Flexibility; Carsten Schumann, Federal Statistical Office of Germany (Destatis)

A modest attempt at measuring and communicating about quality; Laurie Reedman, Statistics Canada

Fulfilling the ES Code of Practice and assessments of quality in official statistics; Heather Bergdahl, Statistics Sweden

Session 3

Quality management and model implementation III

Time: 09:00–10:30

Room: S3B SUKIENNICE

Chair: Jean-Pierre Poncelet

Speeches:

The Swiss Federal Statistical Office quality, process and risk management system;
Milos Schaer, Swiss Federal Statistical Office

GSBPM and ISO as Quality management system tools: Azerbaijan experience;
Yusif Yusifov, State Statistical Committee of the Republic of Azerbaijan

Quality management of methodology for official statistics; Peter Struijs, Statistics
Netherlands

Innovation and quality culture in INSTAT; Delina Ibrahimaj, Institute of Statistics
Albania

Integrating process documentation and quality management; Silvan Zammit,
National Statistics Office

Special Session 35

Institutional framework and implementation of quality management systems in the enlargement and the European Neighbourhood Policy (ENP) countries

Time: 09:00–10:30

Room: S4A MARIACKI

Chair: Claudia Junker

Speeches:

Key elements of a Quality Management System: Example of Georgia (institutional set-up of a quality framework, quality culture); Levan Tserediani, National Statistics Office of Georgia

Implementation of a quality management system in the NSI of Serbia – success stories and future plans; Nataša Cvetković, Statistical Office of the Republic of Serbia

Quality management in the statistical office with a view to implement the CoP; Daniel Roash, Israel Central Bureau of Statistics (ICBS)

Challenges of applying the model of total quality management in the Statistical Office of Montenegro; Jelena Markovic, Statistical Office of Montenegro

Key elements of a quality management system in the statistical office of Ukraine; Anna Rozumna, State Statistics Service of Ukraine

Session 15

Statistical education and literacy

Time: 09:00–10:30

Room: S4B LAJKONIK

Chair: Tasos Christofides

Speeches:

STAT WARS – May the force be with you! – Statistical competition for students;
Mária Jónyer, Hungarian Central Statistical Office

Promoting Official Statistics through Statistical Literacy Products;
Maria J. Vinuesa, INE Spain (Instituto Nacional de Estadística)

Experiencing Multidisciplinarity in a Master in Official Statistics;
Javier Montero, Complutense University

Improving labour market statistical literacy for organisations and individual users;
Eugenia Goh, Manpower Research and Statistics Department, Ministry of Manpower

Statistical literacy and education in the State Statistical Office of Macedonia;
Mira Todorova, State Statistical Office

Poster Session 2

Time: 10:45–11:30

Room: Hall

Posters:

Compilation of the House Price Index in Cyprus; Athanasia Petsa,
Statistical Service of Cyprus

The importance of cognitive interviewing in quality official statistics:

The case of smoking habits; Darja Lavtar, National Institute of Public Health

Are we on the same page? Ensuring the synchronisation of data across multiple
platforms; Chelsea Murray, European Central Bank

Impact of applying quality standards on statistical products; Haidy Mahmoud,
Central Agency for Public Mobilization and Statistics (CAPMAS)

The Istat platform prototype for the documentation of administrative data used as
input of the official statistics; Grazia Di Bella, Italian National Institute of Statistics
(ISTAT)

Bringing statistics to users and users to statistics; Jose Jabier Zurikarai, EUSTAT

Session 18

Labor market statistics – national experiences

Time: 11:30–13:00

Room: S2 WAWEL

Chair: Agustín Cañada

Speeches:

The „EUROPA 2020“ LFS indicators on regional level in Poland. How to improve the indicators precision without the increase of the LFS sample?; Hanna Strzelecka, Statistics Poland

Quality Improvements using indicators, business process improvement and change management; Fiona O’Riordan, Central Statistics Office, Ireland

Analysis on nonresponse bias for the Swedish Labour Force Surveys (LFS); Fredrik Olsson, Statistics Sweden

Coherence between surveys and based-register data in labour market statistics; Sara Carrascosa, Nacional Statistical Office INE (Spain)

On the exciting path to add a mode – redesigning the Austrian Microcensus Housing Survey into a multi-mode questionnaire; Vlasta Zucha, Statistics Austria

Session 7

Effective partnerships for quality improvements

Time: 11:30–13:00

Room: S3A BARBAKAN

Chair: Claudia Junker

Speeches:

Legal aspects related to enhance the cooperation with data holders:
The case of Spain; Yolanda Gómez Menchón, INE Spain (Instituto Nacional de Estadística)

Ethical implications of using Big Data for Official Statistics; Albrecht Wirthmann, Eurostat

Innovation in collection: strategies to improve and maintain the quality of administrative data; Hélène Bérard, Statistics Canada

Access to Big Data for statistical purposes; Natalie Rosenski, Federal Statistical Office of Germany (Destatis)

Big Data Strategies for Official Statistics; Peter Struijs, Statistics Netherlands

Session 20

Quality in the future – thinking forward

Time: 11:30–13:00

Room: S3B SUKIENNICE

Chair: Krzysztof Jajuga

Speeches:

Quality of official statistics in micro and small economies in globalized world;
Józef Oleński, Lazarski University

The future role of international organisations: enhancement of relevance and quality
of official statistics; Cristina Pereira de Sá, Eurostat

Conceptualising quality for big data; Giovanna Brancato, Italian National Institute of
Statistics (ISTAT)

A knowledge-based approach to the statistical production process;
Stefano Menghinello, Italian National Institute of Statistics (ISTAT)

“Show me your code, and then I will trust your figures”: Towards software-agnostic
open algorithms in statistical production; Jacopo Grazzini, Eurostat

Session 25

Data integration at work

Time: 11:30–13:00

Room: S4A MARIACKI

Chair: Jean-Pierre Poncelet

Speeches:

The use of loyalty card transaction data from retailers in Household Budget Statistics: an exploration; Dag F Gravem, Statistics Norway

Smart business statistics: how to integrate technology and official statistics?; Sofie De Broe, Statistics Netherlands

Utilizing Non-Probability Survey Data to Improve the Quality of Probability Survey Data for Small Samples; Arkadiusz Wisniowski, University of Manchester

Design and evaluation of an editing and imputation strategy for micro-data from integrated administrative sources: the Italian case of the ARCHIMEDE Project; Romina Filippini, Italian National Institute of Statistics (ISTAT)

Reconciling Estimates of Demographic Stocks and Flows through Balancing Methods; Diego Zardetto, Italian National Institute of Statistics (ISTAT)

Special Session 40

Better localisation, better quality – the geospatial dimension of quality in statistics

Time: 11:30–13:00

Room: S4B LAJKONIK

Chair: Janusz Dygaszewicz/Julien Gaffuri

Speeches:

Integration of GEOSPATIAL DATA within the statistical production process—GEOINQ;
Mário Lucas, Statistics Portugal

Improving the quality with spatial sampling; Vincent Loonis, INSEE

Making census statistics more relevant – towards geo-enabled statistics;
Adam Wroński, Eurostat

Towards better quality of statistical geospatial data production – harmonization of
statistical and geodetic divisions in the context of the 10 Level Model;
Anna Sławińska, Statistics Poland

Accessibility statistics and data integration: from remoteness and public transport to
cultural accessibility; Pasi Piela, Statistics Finland

Speed Talk Session 9

Quality of statistical production processes

Time: 13:15–14:00

Room: S3A BARBAKAN

Chair: Cristina Neves

Speeches:

Calendar effects in a monthly-based CATI survey; Antonio J. Rueda Clausell, INE Spain (Instituto Nacional de Estadística)

The economy has changed, the official statistics also change: the new business statistics system; Stefano Menghinello, Italian National Institute of Statistics (ISTAT)

Improved quality in statistical production by using standard processes in phases: design, build and collect; Biljana Ristevska Karajovanovikj, State Statistical Office of the Republic of Macedonia (SSO)

Towards a standard production process in the Spanish Industrial Turnover Indices; Elena Rosa-Perez, INE Spain (Instituto Nacional de Estadística)

Working time, underemployment and overemployment: two different data sources with contradictory results; Martina Rengers, Federal Statistical Office of Germany (Destatis)

Electronic data collection in the Hungarian agricultural statistics; Péter Tóth, Hungarian Central Statistical Office

Speed Talk Session 10

Estimation and calibration

Time: 13:15–14:00

Room: S3B SUKIENNICE

Chair: Krzysztof Jajuga

Speeches:

Effects of the influence of calibration procedures on reliability of indicators estimated by the state household sample surveys in Ukraine; Volodymyr Sarioglo, Ptoukha Institute for Demography and Social Studies

A reweighting method to adjust for enterprise changes: the Italian quarterly job vacancy rate and hours worked estimates; Annalisa Lucarelli, Italian National Institute of Statistics (ISTAT)

Calibration as a tool to enhance accuracy and coherence in tourism statistics; Carlos Fulla Carrera, INE Spain (Instituto Nacional de Estadística)

Prediction Error Estimation of the Survey-Weighted Least Squares Model under Complex Sampling; Retha Luus, University of the Western Cape

The R-Package 'surveysd' – Estimating Standard Errors in Complex Surveys with Rotating Panel Design; Johannes Gussenbauer, Statistics Austria

Using administrative registers to improve sampling of EU-SILC in Austria; Thomas Glaser, Statistics Austria

The Bundesbank's Research Data and Service Center (RDSC): Gateway to Treasures of Micro-Data on the German Financial System; Rafael Beier, Deutsche Bundesbank

Improving Monthly Estimates of Job Vacancies Survey With Statistical Model; Daniel Roash, Central Bureau of Statistics Israel

Special Session 34

Improving the quality of multi-mode data collection. The European MIMOD project

Time: 14:30–16:00

Room: S2 WAWEL

Chair: Marina Signore

Speeches:

The MIMOD Project: an overview; Marina Signore, Italian National Institute of Statistics (ISTAT)

Dealing with mode effects; Orietta Luzi, Italian National Institute of Statistics (ISTAT)

Adapting ESS survey questionnaires to mixed-mode data collection;
Dag F Gravem, Statistics Norway

ESS surveys and mobile device data collection; Bart Bakker, Statistics Netherlands /
VU University Amsterdam

Session 6

Coordination of NSS, ESS and beyond

Time: 14:30–16:00

Room: S3A BARBAKAN

Chair: Mária Dologová

Speeches:

Results of intensive development actions in official statistics coordination – a status report from Hungary; József Kárpáti, Hungarian Central Statistical Office, HCSO

Improving the quality of national statistical systems; Vincenzo Lo Moro, Italian National Institute of Statistics (ISTAT)

Official statistics in Denmark; Kim Voldby Pedersen, Statistics Denmark

Coordination of National Statistical System – Experience from the Hellenic Statistical System (ELSS); Christina Pierrakou, Stamatios Theocharis, Hellenic Statistical Authority (ELSTAT)

Common Quality Reporting System for Official Statistics of Finland; Outi Ahti-Miettinen, Statistics Finland

Session 23

Approaches for multi-source statistics

Time: 14:30–16:00

Room: S3B SUKIENNICE

Chair: Mátyás Mészáros

Speeches:

Enhancing the quality of National Accounts in the estimation of proceeds from illegal markets; Antonella Baldassarini, Italian National Institute of Statistics (ISTAT)

Integration of inconsistent data sources using Hidden Markov Models;
Dimitris Pavlopoulos, Vrije Universiteit Amsterdam

On the Experimental Usage of Ontology-based data access for the Italian Integrated System of Statistical Registers: Quality Issues; Domenico Fabio Savo, Italian National Institute of Statistics (ISTAT)

Data quality and data integration; Raffaella Traverso, European Central Bank

Session 30

Quality of statistical production processes

Time: 14:30–16:00

Room: S4A MARIACKI

Chair: Maria João Zilhão

Speeches:

Global standards and national procedures – What can the ESS learn from the Programme for the International Assessment of Adult Competencies (PIAAC);
Markus Bönisch, Statistics Austria

Standardization of Business Statistics Processes in Istat;
Monica Scannapico, Italian National Institute of Statistics (ISTAT)

Calif – the interactive Shiny web application for calibration of weights of statistical surveys; Boris Frankovič, Statistical Office of the Slovak Republic

Innovation to improve data quality: the case of Italian Household Budget Survey;
Nicoletta Pannuzi, Italian National Institute of Statistics (ISTAT)

Redesign of the Statistical Information System: Czech experience;
Marek Rojicek, Czech Statistical Office

Specification and immediate visualization of a questionnaire – a metadata-driven approach; Thomas Dubois, INSEE

Session 9

Use of geospatial information to increase quality

Time: 14:30–16:00

Room: S4B LAJKONIK

Chair: Janusz Dygaszewicz

Speeches:

How geospatial information adds value to existing sub-national data and territorial typologies; Valeriya Angelova Tosheva, Eurostat

Communication as a Quality Factor in Multi-source Spatial Data Integration Process; Włodzimierz Okrasa, Statistics Poland/University of Cardinal Stefan Wyszyński in Warsaw

GEOSTAT 3 – A European Statistical Geospatial Framework; Karin Hedeklint, Statistics Sweden

Plenary Session

Time: 16:30–17:30

Room: S1 KRAKÓW

Keynote Speech: Jennifer Park, UNECE Statistical Division

Day 3 – Friday, June 29, 2018

Session 16

Measuring and communicating quality

Time: 08:30–10:00

Room: S2 WAWEL

Chair: Marina Signore

Speeches:

A Future Focused Approach to National Statistical Quality Reviews in the UK; Gentiana Roarson, Office for National Statistics

An empirical study of the effect of high, low or moderate nonresponse rate on the quality of survey estimates; Øyvind Kleven, Statistics Norway

Measuring, reporting and communicating quality of National Accounts statistics (ESA 2010) in an integrated way with data production; Christos Liouris, Eurostat

Quality Management for Official Statistics: Some Lessons Learned after Seven Years of ASPIRE; Paul Biemer, RTI International and University of North Carolina at Chapel Hill

Automatically Generated Quality Control Tables and Quality Improvement Programs; Justin Nguyen, United States Bureau of the Census

Special Session 38

The Statistics Code of Practice for the European Neighbourhood Policy (ENP) South countries and its implementation – examples and practice

Time: 08:30–10:00

Room: S3A BARBAKAN

Chair: Tarik Bourezgue

Speeches:

Design of a roadmap for implementing the CoP for the ENP south countries at ONS-Algeria; Tarik Bourezgue, Office National des Statistiques

Implementation of the Tunisian Statistical Charter and linkage with the Statistics Code of Practice for the European Neighbourhood South countries; Mohsen Hajje, National Institute of Statistics of Tunisia

Implementation of the Statistics Code of Practice in Jordan (Good practices and vision); Duraid Shawawreh, The Department of Statistics in Jordan

Importance of Implementing EFQM Model for Official Statics Institutes: PCBS Experience; Daliah Shahin, Palestinian Central Bureau of Statistics (PCBS)

Strengthening of data quality with limited resources: the case of the statistical database of the High Commission for Planning, Morocco; Mohamed Salimi, High Commission for Planning

Session 19

Quality standards for statistical domains

Time: 08:30–10:00

Room: S3B SUKIENNICE

Chair: Alexandru Gherasim

Speeches:

Quality of ICT skills indicators; Maja Rynko, Warsaw School of Economics

The method of harmonised Labour Market Areas in Europe;

Valeriya Angelova-Tosheva, Eurostat

Improving the quality of Business Statistics through Profiling;

Ioannis Xirouchakis, Eurostat

Profiling: a new way to increase the quality of statistics on research and

development; Thomas Balcone, Ministry of Higher Education,

Research and Innovation

European structural farm statistics – new quality rating system;

Denisa Florescu, Eurostat

Session 28

Data collection, metadata

Time: 08:30–10:00

Room: S4A MARIACKI

Chair: Thomas Burg

Speeches:

The French statistical metadata repository, RMÉS: managing metadata throughout the whole statistical process; Marie H el ene K erouanton, INSEE

Development of a statistical product portfolio tool; Rasmus Anker Kristiansen, Statistics Denmark

Labour market characteristics of European citizens living in another European country than their own (emigration perspective); Georgiana Ivan, Eurostat

Special Session 32

Addressing in the context of big data – the ESSnet contribution

Time: 08:30–10:00

Room: S4B LAJKONIK

Chair: Albrecht Wirthmann

Speeches:

Quality evaluation of experimental statistics produced by making use of Big Data;
Giulio Barcaroli, Italian National Institute of Statistics (ISTAT)

AIS: Defining a ship's journey and sea traffic analysis; Christina Pierrakou, Hellenic
Statistical Authority (ELSTAT)

Big Data quality issues regarding multi-domain statistical data combining – a survey
and case studies; Jacek Maślankowski, University of Gdansk

Coverage of AIS data: comparison of privately held to national datasets – Poland and
Hellenic experiences; Michał Bis/Anna Bilaska, Statistics Poland

Estimation of population counts combining official data and aggregated mobile
phone data; David Salgado, Romanian National Institute of Statistics (INSSE)

Session 10

Quality as a multi-dimensional concept

Time: 10:30–12:00

Room: S2 WAWEL

Chair: Monika Bieniek

Speeches:

Quick statistics – how to deal with quality?; Pertti Taskinen, Statistics Finland

The impact of the consistency debate on increased accuracy and coordination within the national accounts and between the national accounts and balance of payments statistics of the EU; Robert Obrzut, Eurostat

Measuring the quality of commercial and big data sources for official statistics; Frantisek Hajnovic, Office for National Statistics

Further Challenges in Quality Management of Statistics at the Bank of Japan; Kuniko Moriya, Bank of Japan

Cognitive interviewing in the Disability Pilot Survey in Spain; Rogelio Pujol Rodriguez, INE Spain – Instituto Nacional de Estadística

Session 21

Quality indicators

Time: 10:30–12:00

Room: S3A BARBAKAN

Chair: Agustín Cañada

Speeches:

Quality indicators of the EuroGroups Register; Zsolt Völfinger, Eurostat

Assessing the uncertainties of statistical outputs: the case of purchasing power parities; Laurent Olislager, Eurostat

How much has national information changed in the Eurogroups Register? Some quality indicators in the scope of the ESBR Project; Luis Esteban Barbado Miguel, Nacional Statistical Office INE (Spain)

Building Sustainable International Statistical Products: Policies, Technology, and Quality Returns from the World Development Indicators; Biokou Mathieu Djayeola, World Bank

Special Session 37

Quality of multi-source data

Time: 10:30–12:00

Room: S3B SUKIENNICE

Chair: Sorina Vaju

Speeches:

Quality Guidelines for Multisource Statistics; Giovanna Brancato, Italian National Institute of Statistics (ISTAT)

Administrative data and quality, guidelines towards better quality of administrative data; Mátyás Mészáros, Eurostat

Quality Measures and Indicators for Multisource Statistics; Ton de Waal, Statistics Netherlands

Quality Guidelines for Frames of Social Statistics; Thomas Burg, Statistics Austria

Session 24

Data integration methods and architectures

Time: 10:30–12:00

Room: S4A MARIACKI

Chair: Włodzimierz Okrasa

Speeches:

Improvement of the capture-recapture model to estimate under coverage of administrative data sources; Daan Zult, Statistics Netherlands

Change is the law of life. Prepare your data warehouse for a Big Future, by including Big Data; Antonio Laureti Palma, Italian National Institute of Statistics (ISTAT)

Combining information from different sources to estimate the annual working hours of part-time workers; Sandra Barragán Andrés, INE Spain (Instituto Nacional de Estadística)

Data Architecture for Statistics Production – Logical Data Repositories; Tuukka Saranpää, Statistics Finland

Modernizing Data Integration Systems at Istat; Piero Demetrio Falorsi, Italian National Institute of Statistics (ISTAT)

Session 29

Estimation methods to improve quality

Time: 10:30–12:00

Room: S4B LAJKONIK

Chair: Kari Djerf

Speeches:

Register-based estimation of total dwellings and households; Johan Fosen, Statistics Norway

Applications of multiple tests to improve the quality of multi-source data sets.; Dariusz Parys, University of Lodz

Exploiting Auxiliary Data: Random forest regression estimator; Luis Sanguiao, Spanish NSI (Instituto Nacional de Estadística)

Assessing and adjusting bias deriving from mode effect in mixed mode social surveys; Claudia De Vitiis, Italian National Institute of Statistics (ISTAT)

Estimation of the standard error for net changes with the EU Labour Force Survey – How can users independently and appropriately calculate standard errors and confidence intervals?; Stefan Zins, GESIS – Leibniz Institute for the Social Sciences

Adjusting the gender pay gap using the Structure of Earnings Survey data; Piotr Ronkowski, Eurostat

Closing Plenary Session

Time: 12:15–13:45

Room: S1 KRAKÓW

Panel discussion

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