

4 December 2007

UNITED NATIONS STATISTICAL COMMISSION and  
ECONOMIC COMMISSION FOR EUROPE  
CONFERENCE OF EUROPEAN STATISTICIANS

EUROPEAN COMMISSION  
STATISTICAL OFFICE OF THE  
EUROPEAN COMMUNITIES (EUROSTAT)

**Joint UNECE/Eurostat work session on statistical data confidentiality**  
(Manchester, United Kingdom, 17-19 December 2007)

### PROVISIONAL AGENDA AND TIMETABLE

The meeting will begin on Monday, 17 December 2007 at 10.00 a.m. in the Cordingley Lecture Theatre, Architecture Building of the University of Manchester.

Monday, 17 December 2007			
Time	Topic and documentation		
09.00	Registration of delegates		
10:00	Opening of the meeting; Adoption of the agenda; Designation of officers; Addresses by University of Manchester; ONS; Eurostat; and UNECE		WP.1
<b>Topic (ii): Tabular data protection</b>			
Session Organizer: Sarah Giessing, Federal Statistical Office, Germany (sarah.giessing@destatis.de)			
<i>Invited papers (25 minutes per paper):</i>			
10.20	<b>United States</b> - New implementations of noise for tabular magnitude data, synthetic tabular frequency and microdata, and a remote microdata analysis system		WP.15
10.45	<b>United States</b> – An examination of two methods for controlled tabular adjustment of tabular data that preserve data quality		WP.16
11.10	<i>Refreshment break (15 minutes)</i>		
11.25	<b>University of Southampton</b> – Assessing the Impact of SDC Methods on Census Frequency Tables		WP.18
11.50	<b>Microsoft</b> – Differentially private marginals release with mutual consistency and error independent of sample size		WP.19
12.15	<b>University of Manchester</b> – A measure of disclosure risk for aggregate data		WP.20
12:30	<i>Lunch break</i>		
14.00	<i>Topic (ii) Supporting papers (10 minutes per paper):</i>		
14.00	<b>Netherlands</b> – Cell suppression in a special class of linked tables		WP.21
14.10	<b>New Zealand</b> – Census tables: utility and safety via a cell threshold		WP.22
14.20	<b>United States</b> – Lessons learned from Internet dissemination of confidential farm survey results: USDA’s Agricultural Resource Management Survey		WP.23
14.30	<b>University of La Laguna</b> – Integer rounding versus continuous adjustment for tabular data		WP.24
14.40	<b>Topic (ii): General discussion (45 minutes)</b>		
15.40	<i>Refreshment break (20 minutes)</i>		
<b>Topic (iv): Panel discussion on microdata protection versus remote access facilities</b>			
Organizer/Chair: Jane Longhurst, Office for National Statistics, UK (jane.longhurst@ons.gov.uk)			
16.00	Overview and points for discussion by Jane Longhurst, Paul Jackson, Luisa Franconi and Anco Hundepool		WP.39
17:30	EOB		

Tuesday, 18 December 2007			
Time	Topic and documentation		
<b>Topic (i): Microdata</b>			
Session Organizer: Josep Domingo-Ferrer, Rovira i Virgili University of Tarragona, Spain (josep.domingo@urv.cat)			
<i>Invited papers (25 minutes per paper):</i>			
09.00	<b>Italy</b> – Community Innovation Survey: comparable dissemination		WP.2
09.25	<b>University of Malaga (Spain)/Radboud University Nijmegen &amp; PriceWaterhouseCoopers, Netherlands</b> – Microdata sharing via pseudonymization		WP.3
09.50	<b>Sabanci University, Turkey</b> – Secret sharing vs. encryption-based techniques for privacy-preserving data mining		WP.4

10.15	<i>Refreshment break (20 minutes)</i>	
10.35	<b>University of Kentucky</b> – Numerical data masking techniques for maintaining sub-domain characteristics	WP.5
11.00	<b>Duke University, USA</b> – Evaluating the disclosure risks of reporting quality measures to the public	WP.6
11.25	<b>IIIA-CSIC Catalonia, Spain</b> – On method-specific record linkage for risk assessment	WP.7
11.50	<b>Universitat Rovira i Virgili, Catalonia, Spain</b> – Microaggregation heuristics for $p$ -sensitive $k$ -anonymity	WP.8
	<b>Supporting papers (10 minutes per paper):</b>	
12.15	<b>Finland</b> – The use of protected microdata in tabulation: a case of SDC – methods microaggregation and PRAM	WP.9
12:30	<i>Lunch break</i>	
14.00	<b>University of Applied Sciences Mainz</b> – Anonymisation of linked employer employee datasets using the example of the German Structure of Earnings Survey	WP.10
14.10	<b>Germany</b> – Comparing Fully and Partially Synthetic Data Sets for Statistical Disclosure Control in the German IAB Establishment Panel	WP.11
14.20	<b>Italy</b> – Disclosure scenario and risk assessment: structure of earnings survey	WP.12
14.30	<b>United Kingdom</b> – Microdata risk assessment in an NSI context	WP.13
14.40	<b>United Kingdom</b> – Using targeted perturbation of microdata to protect against intelligent linkage	WP.14
14.50	<b>Topic (i): General discussion</b>	
15.50	<i>Refreshment break (20 minutes):</i>	
	<b>Topic (v): Panel discussion on balancing data quality and confidentiality</b>	
	Organizer/Chair: Lawrence H. Cox, U.S. National Center for Health Statistics, (lhc9@cdc.gov)	
16.10	Overview and points for discussion by Larry Cox, Krish Muralidhar and Jerry Reiter	WP.40
17:40	EOB	

### Wednesday, 19 December 2007

Time	Topic and documentation	
	<b>Topic (iii): Applications</b> (including practical implementation of SDC methods, actual issues within NSIs and software)	
	Session Organizer: Eric Schulte Nordholt, Statistics Netherlands (esle@cbs.nl)	
	<b>Invited papers (25 minutes per paper):</b>	
08.30	<b>Germany/Netherlands</b> – Rounding methods for protecting EU-aggregates	WP.25
08.55	<b>Netherlands</b> – The availability of Dutch census microdata	WP.26
09.20	<b>Republic of Korea and United States</b> - The application of the concept of uniqueness for creating public use microdata files	WP.27
09.45	<b>United Kingdom</b> – Statistical disclosure control for the 2011 UK Census	WP.28
10.10	<b>United Kingdom</b> – Applying Tau-Argus to SuperCROSS tables: a practical example using the U.K. Business Register Unit data	WP.29
10.35	<i>Refreshment break</i>	
	<b>Supporting papers (10 minutes per paper):</b>	
10.45	<b>Austria</b> – The anonymisation of the CVTS2 and income tax dataset – An approach using R-Package “sdcMicro”	WP.30
10.55	<b>Austria</b> – “SDC Micro”: a new flexible R-package for the generation of anonymised microdata - Design issues and new methods	WP.31
11.05	<b>Bulgaria</b> - Applying the EC Regulations about the Dissemination of Unidentified Individual Data for Scientific Purposes in an NSI	WP.32
11.15	<b>Germany</b> – Analytical validity and confidentiality protection of anonymised longitudinal enterprise microdata – Survey of a German Project	WP.33
11.25	<b>Spain</b> – Dealing with confidentiality in dissemination: the experience of the Basque Statistical Office	WP.34
11.35	<b>United Kingdom</b> – Improving our knowledge of metaheuristic approaches for cell suppression Problem	WP.35
11.45	<b>United Kingdom</b> – The review of the dissemination of health statistics in England	WP.36
11.55	<b>United Kingdom</b> – Disclosure detection in research environments in practice	WP.37
12.05	<b>Universitat Autònoma de Barcelona/University of Minnesota</b> – Integrated European Census Microdata (IECM) samples: enhancing the study of ageing with high precision over-samples of the oldest-old	WP.38
12.15	<b>Topic (iii): General discussion</b>	
13.00	<i>Lunch break</i>	
14.00	Adoption of the report, conclusions of the meeting	
15.00	End of the meeting	