

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

**Work session on statistical data editing**  
(Ottawa, 16-18 May 2005)

**PROVISIONAL AGENDA  
AND  
TENTATIVE TIMETABLE**

The meeting will begin on Monday, 16 May 2005 at 9:00 a.m. at Statistics Canada,  
120 Parkdale (Tunney's Pasture), Coats Building, Goldberg Conference Center

<b>Monday, 16 May 2005</b>		
<b>Time</b>	<b>Topic and documentation</b>	
<b>09:00</b>	Opening of the meeting; Adoption of the agenda; Designation of officers	WP.1
<b>Topic (i): Editing administrative data and combined data sources</b>		
Discussants: Natalie Shlomo (N.Shlomo@soton.ac.uk) and Heather Wagstaff, United Kingdom (Heather.Wagstaff@ons.gsi.gov.uk)		
<i>Invited papers:</i>		
	Canada – Use of administrative data in Statistics Canada's Annual Survey of Manufactures	WP.2
	Finland – Conceptual modelling of administrative register information and XML –taxation metadata as an example	WP.3
	New Zealand – Use and editing of administrative data in the business indicators unit of Statistics New Zealand	WP.4
<i>Supporting papers:</i>		
	Canada – Detection of outliers in the Canadian Consumer Price Index	WP.5
	Denmark – Imputation of external trade data in Denmark	WP.6
	Israel - Evaluation of editing and imputation supported by administrative records	WP.7
	Norway – Editing and imputation for the creation of a linked micro file from base registers and other administrative data	WP.8
	United States – Use of administrative data in the annual surveys of retail, wholesale, and services	WP.9
<i>Tabled papers:</i>		
	Israel – The use of administrative data in the edit and imputation process	CRP.1
<b>09:15</b>	Topic (i): Presentation of invited papers (presentation: 20 minutes per paper)	
<b>10:30</b>	<i>Coffee break</i>	
<b>11:00</b>	Topic (i): Supporting papers (introduction by authors: 5 minutes per paper)	
<b>11:30</b>	Topic (i): Summary of supporting papers and general discussion	
<b>12:30</b>	<i>Lunch break</i>	
<b>Topic (ii): Implementing editing strategies and links to other parts of processing</b>		
Discussants: Orietta Luzi, Italy (luzi@istat.it) and Carsten Kuchler, Germany (carsten.kuchler@destatis.de)		
<i>Invited papers:</i>		
	Canada – Assessing and dealing with the impact of imputation through variance estimation	WP.10
	Netherlands/United Kingdom – Preserving edits when perturbing microdata for statistical disclosure control	WP.11
	Sweden – A selective editing method considering both suspicion and potential impact, developed and applied to the Swedish foreign trade statistics	WP.12
<i>Supporting papers:</i>		
	Finland – Release of micro survey data. How to do this ideally?	WP.13
	Germany – Introducing and implementing a new data editing strategy	WP.14
	Germany – IT tools for an integrated data editing concept– revision	WP.15
	Israel – Planning editing and imputation as an integral part of multi-source data collection	WP.16
	Italy – Modelling the construction of a social accounting matrix in the context of statistical matching	WP.17
	Netherlands – The embedding of a uniform statistical process	WP.18
	Spain – Performance of resampling variance estimation techniques with imputed survey data	WP.19
	United Kingdom – A management information system for controlling editing quality in a survey	WP.20

with multiple requirements

**Tabled papers:**

	Netherlands – Selective editing using plausibility indicators and slice	CRP.2
14:00	Topic (ii): Presentation of invited papers (presentation: 20 minutes per paper)	
15:00	Topic (ii): Supporting papers (introduction by authors: 5 minutes per paper)	
15:15	<i>Coffee break</i>	
15:45	Topic (ii): Supporting papers (continued)	
16:15	Topic (ii): Summary of supporting papers and general discussion	

**Statistical Data Editing, Volume 3: Impact on Data Quality**

Discussant: John Kovar (kovar@statcan.ca)

17:15	Introduction to the discussion, template of Volume 3	CRP.6
17:30	EOB	

**Tuesday, 17 May 2005**

Time	Topic and documentation	
	<b>Topic (iii): Electronic data reporting – editing nearer source and multimode collections</b>	
	Discussants: Pedro Revilla, Spain (previlla@ine.es) and Paula Weir, United States (pweir@eia.doe.gov)	
	<b>Invited papers:</b>	
	Austria – The impact of EDR on long-established surveys: Statistics Austria’s experience in the short-term production survey	WP.21
	United States – Designing interactive edits for U.S. electronic economic surveys and censuses: issues and guidelines	WP.22
	<b>Supporting papers:</b>	
	Canada – Evaluation of data collection via internet for the 2004 census of population test	WP.23
	Italy – Editing and imputation strategy in the Italian Labour Force Survey	WP.24
	Latvia – Electronic data collection system developed and implemented in the CSB of Latvia	WP.25
	Poland – Modernization of the data collection systems at the CSO of Poland	WP.26
	Spain – EDR impacts on editing	WP.27
	United States – Electronic data reporting and the impact on editing – a summary and case study	WP.28
	United States - Electronic data reporting and data collection edits at the National Agricultural Statistics Service	WP.29
09:00	Topic (iii): Presentation of invited papers (presentation: 20 minutes per paper)	
10:15	Topic (iii): Supporting papers (introduction by authors: 5 minutes per paper)	
10:30	<i>Coffee break</i>	
11:00	Topic (iii): Supporting papers (continued)	
11:15	Topic (iii): Summary of supporting papers and general discussion	
12:00	<i>Lunch break</i>	
	<b>Topic (iv): New and emerging methods, including automation through machine learning, imputation, evaluation and methods</b>	
	Discussants: Ton de Waal, Netherlands (twal@cbs.nl) and Maria Garcia, United States (maria.m.garcia@census.gov)	
	<b>Invited papers:</b>	
	Italy – Methods and software for editing and imputation: recent advancements at ISTAT	WP.30
	United States – Smoothing imputations for categorical data in the linear regression paradigm	WP.31
	United States – Using a quadratic programming approach to solve simultaneous ratio and balance edit problems	WP.32
	<b>Supporting papers:</b>	
	Australia – Data editing and logic	WP.33
	Canada – The transition from GEIS to BANFF	WP.34
	Canada – Edit and imputation for the 2006 Canadian Census	WP.35
	Finland – Integrated modelling approach to imputation with discussion on imputation variance	WP.36
	Germany – Concept, materials and IT modules for data editing of German statistics	WP.37
	Italy – New procedures for editing and imputation of demographic variables	WP.38
	Netherlands – Slice 1.5: a software framework for automatic edit and imputation	WP.39
	Netherlands – Imputation of data subject to balance and inequality restrictions using the truncated normal distribution	WP.40
	Netherlands – Imputation of categorical data subject to edit restrictions using loglinear models	WP.41
	Netherlands – Score functions for selective editing of annual structural business statistics	WP.42
	Slovenia – Automatic editing system in the case of two short-term business surveys	WP.43

Spain – A variable neighbourhood local search approach for the continuous data editing problem	WP.44
United Kingdom – An editing procedure for the low pay domain in the annual survey of hours and earnings	WP.45
United States – Implicit linear inequality edits generation and error localization in the SPEER edit system	WP.46
United States – Improving an edit and imputation system for the United States Census of Agriculture	WP.47
United States – Improving imputation in the U.S. Decennial Census	WP.48

<b>13:30</b>	Topic (iv): Presentation of invited papers (presentation: 20 minutes per paper)
<b>14:30</b>	Topic (iv): Supporting papers (introduction by authors: max.5 minutes per paper)
<b>15:00</b>	<i>Coffee break</i>
<b>15:30</b>	Topic (iv): Supporting papers (introduction by authors: max.5 minutes per paper)
<b>16:30</b>	Topic (iv): Summary of supporting papers and general discussion

### Statistical Data Editing, Volume 3: Impact on Data Quality

Discussant: John Kovar (kovar@statcan.ca)

<b>17:15</b>	Discussion on Volume 3
<b>17:30</b>	EOB

## Wednesday, 18 May 2005

Time	Topic and documentation
<b>Topic (v): Quality indicators and quality reporting</b>	
Leopold Granquist, Sweden (leopold.granquist@scb.se) and Svein Nordbotten, Sweden (svein@nordbotten.com)	
<b>Invited papers:</b>	
	France – The contribution of different ways of dealing with non-responses in French business surveys WP.49
	Italy – Evaluating the quality of editing and imputation: the simulation approach WP.50
<b>Supporting papers:</b>	
	Canada – An update of analysis of data slices and metadata to improve survey processing WP.51
	United States – Modelling and analysis with data WP.52
<b>Tabled papers:</b>	
	Italy – Quality indicators for evaluating and documenting editing and imputation CRP.3
	Italy – Evaluating the editing and imputation process: The Italian experience CRP.4
	United Kingdom - The role of metadata in the evaluation of the data editing process CRP.5
<b>09:00</b>	Topic (v): Presentation of invited papers (presentation: 20 minutes per paper)
<b>10:15:</b>	Topic (v): Supporting papers (introduction by authors: 5 minutes per paper)
<b>10:30</b>	<i>Coffee break</i>
<b>11:00</b>	Topic(v): Summary of supporting papers and general discussion
<b>11:30</b>	<b>Discussion on the future work of the Conference of European Statisticians in the field of Statistical Data Editing</b>
	This discussion shall focus not only on suggestion of topics for the next meeting, but also on identifying the needs in longer-term perspective and recommending future final outputs after Volume 3.
<b>12:00</b>	<b>Adoption of the report, conclusion of the meeting</b>
<b>12:30</b>	<i>Lunch break</i>
<b>14:00</b>	<b>Software demonstrations</b>
	Canada – Minimum change edit and imputation for the 2006 Canadian Census
	Canada – Banff: A generalized edit and imputation system
	Germany – Multiple imputations with multilayer percentons. Concept and results of a Monte Carlo simulation study
	Italy – Methods and software for editing and imputation: recent advancements at ISTAT
<b>16:00</b>	EOB

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