



UNITED NATIONS  
DEPARTMENT OF ECONOMIC AND SOCIAL AFFAIRS  
STATISTICS DIVISION

ECONOMIC COMMISSION FOR LATIN AMERICA AND THE CARIBBEAN

INSTITUTO BRASILEIRO DE GEOGRAFIA E ESTATÍSTICA (IBGE)

**Workshop on Manufacturing Statistics**  
**Santiago, Chile**  
**15-17 March 2011**

### **Provisional agenda**

Morning sessions will be from 9:00 to 12:30, afternoon sessions from 14:00 to 17:30.  
Lunch breaks will be from 12:30 to 14:00 every day. There will also be a coffee break during the morning and afternoon sessions.  
All sessions will be organized as open discussions, mostly following an introductory presentation.

#### **Tuesday, 15 March 2011**

*Morning session: 9:00 hrs. – 12:30 hrs.*

#### ***Opening of the workshop***

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|---------------|---|
| 9:00 – 9:30   | Registration  |
| 9:30 – 10:30  | (1) Opening statement – UNSD, ECLAC, IBGE                   |
|               | (2) Objectives and organization of the meetings             |
|               | (3) Administrative matters and introduction of participants |
|               | (4) Adoption of the agenda                                  |
| 10:30 – 11:00 | Coffee break  |

## ***Manufacturing Statistics Work Programme***

- 11:00 – 11:30 (5) Review of the Manufacturing Statistics Work Programme and Statistical Production Process Framework (UNSD)  
- *Review of outcomes of previous meetings*  
- *Outline of topics for the meeting*
- 11:30 – 12:30 (6) Review of current country practices in the region (ECLAC)  
- *Summary of responses to data quality assessment framework for data integration, distributed for this meeting*
- 12:30 – 14:00 Lunch

*Afternoon session: 14:00 hrs. – 17:30 hrs.*

### ***Data processing for manufacturing surveys in Canada and country experiences***

- 14:00 – 16:00 (7) Editing and imputation for manufacturing statistics – Canadian experience (Statistics Canada)  
*In this session, Statistics Canada will present the editing and imputation framework for manufacturing statistics at Statistics Canada.*
- Discussion
- 16:00 – 16:20 Coffee break
- 16:20 – 17:30 (8) Country experiences and issues in the region (INEC Ecuador, INEI Peru, INE Venezuela)  
*Countries will present their experiences/issues on data processing.*
- Discussion

## **Wednesday, 16 March 2011**

*Morning session: 9:00 hrs. – 12:30 hrs.*

### ***Data processing for manufacturing surveys in Canada and Colombia***

- 9:00 – 10:15 (9) Integrated business statistics programme – Canadian experience (Statistics Canada)  
*The session will present the design of the Integrated Business Statistics Program, whose objective is to develop new methodologies and infrastructure to integrate all the business surveys at Statistics Canada, including the manufacturing surveys.*
- Discussion

10:15 – 10:30 Coffee break

10:30 – 12:30 (10) Data processing framework for manufacturing statistics – Colombian experience (DANE Colombia)  
*This session covers Colombia's data editing and imputation framework. The session will also present aspects of DANE's survey of small establishments and the Integrated Household Survey.*

Discussion

12:30 – 14:00 Lunch

*Afternoon session: 14:00 hrs. – 17:30 hrs.*

***Data editing, imputation techniques and country experiences***

14:00 – 14:45 (11) Data processing framework for manufacturing statistics – Mexican experience (INEGI Mexico)  
*This session covers experiences with the data editing and imputation framework implemented at INEGI.*

Discussion

14:45 – 15: 20 (12 ) Data editing (UNSD)  
*The session focuses on presenting editing rules and processes.*

Discussion

15:20 – 15:40 Coffee break

15:40 - 16:40 (13) Data imputation (UNSD)  
*The session focuses on presenting imputation rules and processes.*

Discussion

16:40 – 17:30 (14) Country experiences and issues in the region (INE Chile)  
*Countries will present their experiences/issues on data processing.*

## Thursday, 17 March 2011

*Morning session: 9:00 hrs. – 12:30 hrs.*

### ***Time series and related issues***

9:00 – 9:50 (15): New variable derivation and index number construction (UNSD)  
*This session focuses on presenting issues and methods related to:*

- *Derivation of new variables that are not explicitly provided in the collection but are needed to deliver the required output*
- *The construction the industrial production index, based on the International Recommendation for the Index Number of Industrial Production*

Discussion

9:50 – 10:40 (16) Seasonal adjustment and time series issues (UNSD)  
*This session focuses on presenting issues and methods related to seasonal adjustment and time series issues.*

Discussion

10:40 – 11:00 Coffee break

11:00 – 11:30 (17) Benchmarking (UNSD)  
*This session focuses on presenting issues and methods related to benchmarking methods to constrain monthly estimates to the annual estimates, so that they are consistent with others.*

Discussion

11:30 – 12:30 (18) Backcasting (UNSD)  
*This session focuses on procedures related to changes in classification, requiring recalculation or reprocessing of time series.*

Discussion

12:30 – 14:00 Lunch

*Afternoon session: 14:00 hrs. – 17:30 hrs.*

### ***Software options, country experiences and conclusions***

14:00 – 14:30 (19) Country experiences and issues in the region (INE Uruguay, ONE Dominican Republic, DGEEC Paraguay)  
*Countries will present their experiences/issues on data processing.*

- 14:30 – 15:30 (20) Software options for data processing (Roundtable discussion)  
*This session focuses on software options for data processing, availability of standard and use of customized software.*
- 15:30 – 15:50 Coffee break
- 15:50 – 17:30 (21) Conclusion of the meeting (UNSD)  
- *Summary of discussions*  
- *Recommendations based on best practices*  
- *Future steps*