



Regional Workshop on Sampling for Census of Agriculture 2010 and Agricultural Surveys

16 - 20 October 2011, Jordan, Amman

PROVISIONAL TIMETABLE

SUNDAY 16 October 2011

09.00-09.30: Opening Session

- Welcome by AITRS
- Remarks by FAO , EUROSTAT and MEDSTAT representatives
- Introduction to the workshop and approval of the programme: *Srivastava, FAO*

9.30–10.30: Technical Session 1: Agricultural Census in the National Survey Programme

Chair: Günther Tosstorff, EUROSTAT

- Global Strategy for Improving Agricultural Statistics: Barre *FAO*
- National Strategy for Development of agriculture statistics: Integration of the Census and Surveys, *M. Srivastava, FAO*
- Challenges In Developing a National Strategy, Serghini, MEDSTAT

10.30-10.45: Coffee break

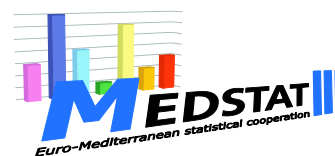
10.45–12.30: Technical Session 2: Strategies for Modular Approaches to Collection of Structural Data on Agriculture

Chair: Serghini, MEDSTAT

- Operationalisation of the Modular Approach and Integration of Census and Survey, *M. Srivastava, FAO*

Roundtable on country plans and practices of census and surveys in agriculture sector

(While accepting the nominations the countries will be asked to submit a two page note on their census and survey programme)



12.30-13.30: Lunch break

13.30 -15.00: Technical Session 3: Sampling Frames for Agricultural Surveys

Chair: EUROSTAT

- General concepts on Sampling Frames: Area Frame, Multiple Frame, Master Sampling Frames, *M. Srivastava, FAO*
- Building, using and maintaining List frames: sources and issues, *A. K. Srivastava, FAO Consultant*

15.00-15.30: Coffee break

15.30 –18.00: Practical Activity Session 2A: Group Exercises on Modular Approaches to Census and Survey Planning (Continues on Tuesday)

(Participants will work in 3-4 groups on a hypothetical country scenario, including user demand, ongoing programme and likely budgetary support towards building a flexible integrated agriculture census and survey programme of statistical activities using strategy of modular approach advocated in WCA 2010)

Facilitator: Srivastava, FAO and others.

19.00: Welcome dinner

MONDAY 17, October 2011

8.30-10.00: Technical Session 4: Area Sampling Frames for Agricultural Surveys

Chair: Barre. FAO

- Issues and Considerations in Choosing Area Sampling Frame in agriculture: Experience of Morocco, Redoune Arrach, Morocco, Expert (requested)

Lead discussant: Jordan

10:00-10:30: Coffee break

10.30-12.30: Technical Session 5: Linkage between Population and Agriculture Census

Chair: Günther Tosstorff, EUROSTAT

- Use of Population Census to build a frame for Agricultural Census and Surveys, and Master Sampling Frame, *M. Srivastava, FAO*
- Experience on collecting agriculture data in the population census (Syria- Requested)

Lead Discussant: Tunisia

Discussion points:

1. Questions on agriculture to be included in the Population Census

2. Implications of operational definition of “agricultural holding” on cost and coverage of agriculture census
3. Any other related issue

12.30-13.30: Lunch break

13.30: Field visit for Practical work on cartography, Enumeration Area recognition, identification of boundaries and Use for Area Frame, (To decide with AITRS/ NSO, Jordan)

TUESDAY, 18 October 2011

9.00–10.30: Technical Session 6: Practical Issues relating to Sampling Frames

Chair:

Roundtable discussions on topics:

- **issues relating to keeping the sampling frames updated**
- **issues relating to maintenance of statistical registers**

Panel (for responding to issues):

10.30-10.45: Coffee break

10.45-12.30: Technical Session 7: Application of Sampling

Chair: Jordan

- Introduction to Sampling Schemes and Related Estimation Procedures
- Determination of Sample Size, Sample Allocation and Sample Selection
A. K. Srivastava, FAO consultant
- Example of an integrated design for a wide variety of subjects, *M. Srivastava*

12.30-13.30: Lunch break

13.30 -15.00: Practical Activity Session 7A: Exercises on Sampling and Estimation

Tutors: A. K. Srivastava and a National Consultant

Group Exercises on:

- Sampling Schemes, Sample Size and Sample Allocation
- Selection of Sample
- Computation of Estimates, (Each group will use a different design)

(Real data for preparing exercises and a local consultant to prepare the exercises to be obtained from National Statistics office of Jordan)

15.00-15.30: Coffee break

15.30–19.00: Practical Activity Session 2B: Group Exercises on Modular Approaches to Census and Survey Planning (Continued from Sunday)

(Completed presentation on assignment to be handed over)

WEDNESDAY , 19 October 2011

8.30–9.30: Technical Session 8: Quality Considerations in Survey and Validation of Data

Chair:

- Considerations on quality of data produced by a survey (Günther Tosstorff, EUROSTAT)
- Post Enumeration Survey (*Srivastava, FAO*)- 15 minutes

9.30–10.30: Technical Session 9: Estimation of Sampling Errors

- General presentation on **Estimation of** Sampling Errors, CV, Confidence Interval
- Variance Estimation Methods
A. K. Srivastava, FAO consultant

10.30 -12.30: Technical Session 9A: Practical Exercises on Estimation of Sampling Errors

Group Exercises on:

- Sampling Errors
- Computation of Variance, CV, Confidence Interval

Group Presentations: Comparison of results of using different sampling design.

12.30-13.30: Lunch break

13.30 -15.00: Technical Session 9: Evaluation and Treatment of Non-sampling Errors

Chair: *M. Srivastava, FAO*

- General presentation on Non-sampling Errors
 - Responses
 - Non responses
 - Coverage Errors
- Control of Non-sampling Errors
- Open Discussions

15.00-15.30: Coffee break

15.30–17.00: Technical Session 10: Use of Agricultural Census as basis for Annual Crop Forecast and Production Surveys

Chair:

- *Use of Small area Estimation Method for generating estimates as lower administrative level: case of Ethiopia, A. K. Srivastava, FAO consultant*

THURSDAY, 20 October 2011

9.00-10.30: Technical Session 2C: Results of groups assignments based on Technical Session 2

Panel: MEDSTAT, FAO, EUROSTAT (Role Playing for Donors, Ministry of Finance, NGOs etc.)
(Each group will present the outcome of Practical Activity Session 2A and 2B and will defend their proposal as if presenting for seeking funding for their census and survey programme.)

13.30-14.30: Review and remaining questions

14.30-15.00: Evaluation of the workshop

15.00-15.30: Coffee break

15.30-16.00:

- Distribution of Certificates
- Closing of the Workshop