United Nations and Arab Institute for Training and Research in Statistics
Workshop on Revision 3 of Principles and Recommendations for
Population and Housing Censuses and Census Evaluation
19 –23 October 2014, Amman, Jordan

Sunday, 19 October 2014
Day 1: Revision 3 of Principles and Recommendations for Population and Housing Censuses

9:00 – 9:30	Registration of participants
9:30 – 10:00	Welcome/opening remarks AITRS, ESCWA and UNSD
10:00-11:00	<u>The 2010 World Program on Population and Housing Censuses</u> The session introduces the objectives of the world programme on censuses and UNSD activities to support this programme. - Presentation by UNSD <u>Overview of Revision 3 of Principles and Recommendations for Population and Housing Censuses</u> This session introduces the objectives and process of revising the Principles and Recommendations and provides overview about re-structuring the content of the Principles and Recommendations. - Presentation by UNSD - General discussion
11:00-11:30	*Coffee break*
11:30-12:30	<u>Essential Features and Census Methodologies</u> The session reviews the definitions and essential features of population and housing censuses and use of alternative census methodologies with respect to the traditional census for producing census statistics. Brief information about operational aspects for register-based census is also covered in the session. - Presentation by UNSD - General discussion
12:30 – 13:30	Lunch
13:30-14:15	<u>Planning, Organisation and Management (Part I)</u> This session reviews the main components of census planning, organization and management and discusses the definition of units, place and time of enumeration. - Presentation by UNSD - General discussion
14:15-15:00	<u>Planning, Organisation and Management (Part II)</u> This session overviews the importance and management of quality assurance programme for overall census operation. - Presentation by UNSD - General discussion
15:00-15:30	*Coffee break*
15:30-16:15	<u>Census Operation Activities (Part I)</u>

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16:15-17:00	The session briefly reviews the operational activities in conducting a census; developing census questionnaire; building census infrastructure; mapping; testing; field enumeration. - Presentation by UNSD - General discussion <u>Census Operation Activities (Part II)</u> The session will continue with discussion on the operational activities carried out after the field enumeration; data processing; evaluation of the results; dissemination; analysis; archiving; and documentation and evaluation of overall census operation. - Presentation by UNSD - General discussion
Monday, 20 October 2014
Day 2: : Revision 3 of Principles and Recommendations for Population and Housing Censuses
9:00-9:45 9:45-10:30	<u>Population Topics</u> This session overviews core and non-core population census topics recommended for the 2020 round of population and housing censuses focusing on substantial changes in the topics as well as the changes in definitions and classifications. The session also discusses implementation of the international recommendations for population topics by countries in the 2010 round of censuses. - Presentation by UNSD - General discussion <u>Housing Topics</u> This session overviews the core and non-core housing census topics recommended for the 2020 round of population and housing censuses focusing on substantial changes in the topics as well as the changes in definitions and classifications. The session also discusses the implementation of the international recommendations for housing topics by countries in the 2010 round of censuses. - Presentation by UNSD - General discussion
10:30-11:00	*Coffee break*
11:00-12:30	<u>Population and Housing Topics (contd.)</u> <u>Group discussion:</u> Participants will be invited to discuss the feasibility of the recommended topics in their upcoming population and housing censuses and possible difficulties of measuring these topics. The participants will be divided in two groups to discuss the population and housing census topics and at the end of the session; each group will make a presentation on the conclusions of the group.
12:30-13:30	Lunch

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13:30-15:00	<u>Country presentation</u> Participants will be invited to give a short presentation (5 to 10 minutes) on their strategic plans for the next population and housing census with emphasis on methodological changes in the overall census plan such as mapping, enumeration, data processing, quality assurance programme-, dissemination, etc. The participating countries which have not yet started discussion on overall census plan of the next census can give a presentation on how the last census was evaluated; brief explanation on what methodologies used and what are the main findings. - Country presentations - General discussion
15:00-15:30	*Coffee break*
15:30-17:00	<u>Country presentation (contd.)</u>

	Tuesday, 21 October 2014 **Day 3: Evaluation of Census Data**
9:00-10:30	<u>Overview of Methods of Census Evaluation</u> This session reviews the objectives and planning of a census evaluation programme, types of census errors, and methods of data evaluation, including methods based on the census alone and methods based on the comparison of census data with data from other sources. Comparative techniques involving both matching and non-matching data will be reviewed, and the strengths and weaknesses of each approach will be discussed. - Presentation by UNSD - General discussion
10:30-11:00	*Coffee break*
11:00-12:30	<u>Evaluation of Age & Sex Structure</u> Age and sex are the two fundamental variables of demographic analysis. The session covers the demographic methods used for the evaluation of a population's age and sex structure and the identification of potential census errors, including the population pyramid, age ratios, sex ratios, graphical cohort analysis, Whipple's index, and Myers`s Blended Method. This session also discusses common census errors on age and sex variables, and their impacts on further demographic analysis. - Presentation by UNSD - General discussion
12:30-13:30	<u>Lunch</u>
13:30-15:00	<u>A study of Age Reporting in Selected Arab Censuses of Population</u>

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	This session will provide an overview of census taking in the Arab region and discuss the accuracy of age-sex reporting and the patterns of digit preference in recent censuses of population in selected Arab countries at the national and subnational levels. - Presentation by ESCWA - General discussion
15:00-15:30	*Coffee break*
15:30-17:00	Evaluation of Fertility Data The session discusses demographic methods used for evaluating the quality of fertility data, focusing on errors in data on children ever born/children surviving and recent fertility. Data checks using average parities, age-specific fertility rates and other key fertility indicators will be covered, as well as the indirect estimation of fertility and comparisons with other data sources. The session will continue with illustration of software and applications. - Presentation by UNSD - General discussion
Wednesday, 22 October 2014 **Day 4: Evaluation of Census Data**	
9:00-10:30	Evaluation of Child Mortality Data This session covers the evaluation of data on child mortality, beginning with a review of life table construction and the use of model life tables. Indirect estimation of child mortality using Brass-type methods will then be covered, including steps for preliminary evaluation of data quality. The session will continue with illustration of software and applications. - Presentation by UNSD - General discussion
10:30-11:00	*Coffee break*
11:00-12:30	Data Evaluation with Consecutive Censuses: Census Coverage The methods used to evaluate census coverage are applied based on multiple censuses. Census coverage methods derived from the population balancing equation are covered, as well as, intercensal cohort survival ratios and the cohort component method for evaluating census coverage. The session will continue with illustration of software and applications. - Presentation by UNSD - General discussion

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12:30 – 13:30	Lunch
13:30 – 15:00	<u>Data Evaluation with Consecutive Censuses: Census Coverage</u> <u>(contd.)</u>
15:00-15:30	*Coffee break*
15:30-17:00	<u>Evaluation of Socioeconomic Data Collected from Censuses</u> This session covers consistency checks for census data on the social and economic characteristics of a population using methods such as cross-tabulation, cohort analysis and comparison with other data sources. Topics covered are literacy, school attendance, marital status and economic activity. - Presentation by UNSD - General discussion
Thursday, 23 October 2014 **Day 5: Evaluation of Census Data**	
9:00 – 17:00	<u>Adjusting Census Figures</u> This session discusses possible reasons and methods for adjusting census figures. - Presentation by UNSD - General discussion <u>Wrap-Up and Final Discussion</u>