

United Nations Workshop on Census Evaluation
2 – 6 December 2013
Hanoi, Viet Nam

Monday, 2 December 2013	
Day 1: Overview and First-Step Analyses	
9:00 – 9:30	Registration of participants
9:30 – 10:00	Welcome/opening remarks General Statistics Office of Viet Nam and United Nations Statistics Division Introduction of participants and administrative issues
10:00 – 12:30	<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 <u>Overview of Methods of Census Evaluation and the Workshop Agenda</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. A brief overview of the agenda for the remainder of the workshop will also be presented.
12:30 – 13:30	Lunch
13:30 – 17:00	<u>Evaluation of Age & Sex Structure</u> Age and sex are the two fundamental variables of demographic analysis. The session covers demographic methods used for the evaluation of a population's age and sex structure and 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. A hands-on exercise will follow the presentation.
Tuesday, 3 December 2013	
Day 2: Fertility	
9:00 – 12:30	<u>Evaluation of Fertility Data</u> 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. A hands-on exercise will follow the presentation by UNSD.
12:30 – 13:30	Lunch
13:30 – 17:00	<u>Country Presentations on Experiences with Census Evaluation</u> Participants will be invited to give a short presentation on census evaluation programs carried out by the statistical offices of their countries. Bhutan, China, Indonesia, Kazakhstan, Kyrgyzstan

United Nations Workshop on Census Evaluation
2 – 6 December 2013
Hanoi, Viet Nam

Wednesday, 4 December 2013	
Day 3: Child Mortality	
9:00 – 12:30	<p><u>Evaluation of Child Mortality Data</u></p> <p>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. A hands-on exercise will follow the presentation by UNSD.</p>
12:30 – 13:30	Lunch
13:30 – 17:00	<p><u>Country Presentation Continued</u></p> <p>Mongolia, Nepal, Tajikistan, Thailand, Viet Nam</p>
Thursday, 5 December 2013	
Day 4: Evaluation Methods Using Multiple Censuses	
9:00 – 12:30	<p><u>Data Evaluation with Consecutive Censuses: Adult Mortality and Census Coverage</u></p> <p>Many of the methods used to evaluate census coverage using multiple censuses are derived from multi-census methods for the estimation of adult mortality, so in this full-day session the two topics are covered together. Census coverage methods derived from the population balancing equation are covered, as well as death distribution methods for the evaluation of adult mortality data, intercensal cohort survival ratios and the cohort component method for evaluating census coverage. A hands-on exercise will follow the presentation by UNSD.</p>
12:30 – 13:30	Lunch
13:30 – 17:00	<p><u>Data Evaluation with Consecutive Censuses: Adult Mortality and Census Coverage (continued)</u></p> <p>During the second part of the day, the morning's presentation will be completed as needed and participants will complete and present hands-on exercises.</p>
Friday, 6 December 2013	
Day 5: Migration & Socioeconomic Topics	
Census Adjustment and Wrap-Up	
9:00 – 17:00	<p><u>Evaluation of Socioeconomic Data Collected from Censuses</u></p> <p>This session covers consistency checks for census data on migration and 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 international and internal migration, household size and structure, marital status, literacy, school attendance and economic activity.</p> <p><u>Adjusting Census Figures</u></p> <p>This session discusses possible reasons and methods for adjusting census figures.</p> <p><u>Wrap-Up and Final Discussion</u></p> <p><u>Closing</u></p>