



**Regional Workshop on Evaluation and Analysis of Census Data by UNFPA ESARO and UNSD  
18 – 22 September 2017, Johannesburg, South Africa, Indaba Hotel**

<b>Key Objectives</b>		
<ol style="list-style-type: none"> <li>1. Improve the capacity of National Statistics Offices within in the ESA region to undertake analysis and evaluation of the quality of census data.</li> <li>2. To train the team on validation procedures used for evaluating the outcomes of editing/imputation procedures and ensuring internal consistency of census data.</li> <li>3. To train on how to evaluate the quality of census data through demographic methods and comparison with other relevant data sources.</li> <li>4. Train on generation of indicators on demographic, social and economic characteristics of population and cohort analysis approach.</li> <li>5. Discuss potential use of census data for generating SDGs indicators.</li> <li>6. Provide brief discussion on dissemination strategies.</li> </ol>		
<b>Monday, 18 September 2017</b>		<b>Facilitator/Presenter</b>
8:30 – 9.15	Welcome/Opening Remarks	Justine Coulson
	Introduction of the participants	UNFPA ESARO
9.15 – 9.30	Security briefings by UNDSS	UNDSS
9.30 – 9.45	Objectives of training workshop	Fredrick Okwayo (UNFPA)
9.45 – 10.15	Tea Break	
10:15-13:00	<b>Evaluation of the quality of census data</b> <ul style="list-style-type: none"> <li>- Objectives of census data evaluation</li> <li>- Types and sources of errors</li> <li>- Methods of census evaluation</li> </ul>	Meryem Demirci (UNSD)



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	- Discussion	
13:00-14:00	Lunch	
14:00-17:00	<b>Data validation</b> <ul style="list-style-type: none"><li>- Analysis of distribution of population by geographical area</li><li>- Evaluation of impacts of imputation on initial dataset</li><li>- Evaluation of internal consistency in census database</li><li>- Hands-on exercises</li><li>- Presentation and discussion</li></ul>	Meryem Demirci (UNSD)
<b>Tuesday, 19 September 2017</b>		
8:30 - 13:00	<b>Methods for analysis of age-sex structure</b> (Population pyramid, age ratios, sex ratios, graphical cohort analysis, Whipple's index, and Myers's Blended Method, age dependency ratio, median age) <ul style="list-style-type: none"><li>- Hands-on exercises (using the census and/or survey datasets)</li><li>- Presentation and discussion</li></ul>	Meryem Demirci (UNSD)  Fredrick Okwayo (UNFPA)
13:00 - 14:00	Lunch	



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14:00-17:00	Analysis of age and sex structure (contd.) <ul style="list-style-type: none"><li>- Hand-on exercises on application of the methods and estimating the indicators</li><li>- Discussion on findings</li></ul>	Meryem Demirci (UNSD) Fredrick Okwayo (UNFPA)
<b>Wednesday, 20 September 2017</b>		
8:30-13:00	<b>Evolving Methodological issues on analysis of fertility and mortality data</b>  Population dynamics, demographic transition, demographic measurements ( fertility, mortality, life tables and population projections) and methodological approaches (direct and indirect techniques)to estimate indicators  - General discussion	Fredrick Okwayo (UNFPA)
13:00-14:00	Lunch	
14:00-17:00	Challenges and Opportunities in migration analysis in Censuses <ul style="list-style-type: none"><li>- Hand-on exercises on application of the methods and estimating the indicators</li><li>- Discussion on findings</li></ul>	Richmond Tiemoko (UNFPA) Fredrick Okwayo (UNFPA)
<b>Thursday, 21 September 2017</b>		
8:30-13:00	<b>Analysis of socio-economic characteristics</b>  Methods for evaluation of socio-economic data and calculating indicators on educational characteristics, marital status, economic characteristics and household structure  - General discussion	Meryem Demirci (UNSD)



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12:30-14:00	Lunch	
14:00-17:00	<b>Analysis of socio-economic characteristics (contd.)</b> <ul style="list-style-type: none"><li>- Hand-on exercises on estimating the socio-economic indicators and comparison with other sources</li><li>- Discussion on findings</li></ul>	Meryem Demirci (UNSD)  Fredrick Okwayo (UNFPA)
<b>Friday, 22 September 2017</b>		
8:30-11:30	<b>Potential use of census data for generating SDGs indicators: Opportunities and challenges</b> <ul style="list-style-type: none"><li>- Introduction to the process leading to the development of SDGs</li><li>- Possible SDG indicators that can be generated from census data</li><li>- Potential challenges in use of census data for monitoring SDGs indicators</li><li>- Discussions</li></ul>	Meryem Demirci (UNSD)  Richmond Tiemoko (UNFPA)
11.3 – 13.00	<b>Dissemination of Census Results</b> <ul style="list-style-type: none"><li>- Dissemination products, tools and services</li><li>- Modes of disseminating results of the census</li></ul>	Adebayo Fayoyin (UNFPA)  Meryem Demirci (UNSD)
13:00-14:00	Lunch	
14:00-15:00	<b>Dissemination of Census Results</b> <ul style="list-style-type: none"><li>- Census data utilization and thematic reports</li><li>- Demonstration of IMIS database</li><li>- Discussion</li></ul>	Fredrick Okwayo (UNFPA)



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15:00-15:30	Summary of the findings and conclusions  Closing	UNFPA ESARO