

# Workshop on Data Analysis and Report Writing for Civil Registration Based Vital Statistics in Maldives: Births, Marriage and Divorce

**Malé, Maldives**

*30 July – 03 August 2023*

**Workshop Facilitators:** Ms. Sofoora Usman (National Consultant, ESCAP), Ms. Chloe Harvey (Associate Population Affairs Officer, ESCAP), Ms. Wiraporn Pothisiri (CRVS Consultant, ESCAP)

## Programme

<b>Day 1: Sunday, 30 July 2023</b>	
<b>Workshop introduction and completeness of birth registration</b>	
08:30 – 09:00	Registration
09:00 – 09:30	Welcome and Opening Remarks <ul style="list-style-type: none"> <li>Maldives Bureau of Statistics</li> <li>UNESCAP</li> </ul> Introduction of participants
09:30 – 10:00	Introduction <ul style="list-style-type: none"> <li>Background and objectives of workshop series</li> <li>Introduction to workshop materials</li> </ul>
10:00 – 10:25	Preparation of a vital statistics report <ul style="list-style-type: none"> <li>Importance</li> <li>Available guidelines and tools</li> </ul>
10:25 – 10:30	Group photo
10:30 – 11:00	<b>Coffee break</b>
11:00 – 11:30	CRVS system in Maldives
11:30 – 12:00	Data sources
12:00 – 13:00	<b>Lunch break</b>

13:00 – 13:30	Data Quality
13:30 – 15:15	<b>Practical Session 1: Data cleaning</b>
15:15 – 15:45	Coverage and completeness <ul style="list-style-type: none"> <li>• Estimation of completeness (producing basic tabulations by year, age and sex)</li> <li>• Techniques for adjusting for incompleteness</li> </ul>
15:45 – 16:00	<b>Day 1 Recap</b>

<b>Day 2: Monday, 31 July 2023</b>	
<b>Completeness of birth registration and fertility analysis</b>	
09:00 – 09:15	Introduction to Day 2 <ul style="list-style-type: none"> <li>• Questions from day 1</li> </ul>
09:15 – 10:30	<b>Practical Session 2: Birth tabulations</b> Total births <ul style="list-style-type: none"> <li>• Total births by year of occurrence and sex;</li> <li>• Total births by place of birth (health facility/community) and place of usual residence;</li> <li>• Total births by characteristics of mother (e.g. age of mother, marital status);</li> <li>• Total births by birth weight and gestation</li> </ul> Registered births <ul style="list-style-type: none"> <li>• Total births registered by year of occurrence and sex;</li> <li>• Total births registered by characteristics of mother (corresponding to those of total births)</li> </ul>
10:30 – 11:00	<b>Coffee break</b>
11:00 – 12:00	<b>Practical Session 3: Birth registration completeness</b> <ul style="list-style-type: none"> <li>• Estimating birth registration completeness (by year of occurrence) for total and disaggregated by sex, age of mother, geographical location and other available characteristics of parents</li> <li>• Adjusting for incomplete registration</li> </ul>
12:00 – 13:00	<b>Lunch break</b>
13:00 – 14:00	Fertility analysis and indicators <ul style="list-style-type: none"> <li>• Fundamental concepts</li> <li>• Key measures of fertility (definitions and interpretation) <ul style="list-style-type: none"> <li>- Crude birth rate (CBR)</li> <li>- Sex ratio at birth (SRB)</li> <li>- Age-specific fertility rates (ASFRs)</li> <li>- Total fertility rate (TFR)</li> <li>- Adolescent birth rate</li> </ul> </li> </ul>
14:00 – 15:45	<b>Practical Session 4: Computing fertility indicators</b> <ul style="list-style-type: none"> <li>• Total and disaggregated</li> </ul>

15:45 – 16:00	<b>Day 2 Recap</b>
<b>Day 3: Tuesday, 01 August 2023</b>	
<b>Fertility analysis (continued) and introduction to marriage/divorce statistics</b>	
09:00 – 09:15	Introduction to Day 3 <ul style="list-style-type: none"> <li>• Questions from day 2</li> </ul>
09:15 – 09:45	Graphing fertility indicators
09:45 – 10:30	<b>Practical Session 5: Graphing fertility indicators and interpretation</b>
10:30 – 11:00	<b>Coffee break</b>
11:00 – 12:00	Preparing a presentation on birth statistics and fertility indicators (Group work) <ul style="list-style-type: none"> <li>• Group 1: Live births (total and disaggregated)</li> <li>• Group 2: Birth registration completeness</li> <li>• Group 3: CBR and SRB</li> <li>• Group 4: ASFRs, TFR and adolescent birth rate</li> </ul>
12:00 – 13:00	<b>Lunch break</b>
13:00 – 14:00	Group presentation plenary and discussion of results
14:00 – 14:30	Marriage and divorce <ul style="list-style-type: none"> <li>• Definitions, variations and causes of variation</li> <li>• Key measures</li> </ul>
14:30 – 15:00	Importance of marriage statistics for child social protection (child marriage)
15:00 – 15:45	Estimating marriage and divorce indicators <ul style="list-style-type: none"> <li>• Basic tabulations</li> </ul>
15:45 – 16:00	<b>Day 3 Recap</b>

<b>Day 4: Wednesday, 02 August 2023</b>	
<b>Marriage and divorce statistics</b>	
09:00 – 09:15	Introduction to Day 4 <ul style="list-style-type: none"> <li>• Questions from day 3</li> </ul>
09:15 - 10:30	<b>Practical Session 6: Marriage statistics</b> <ul style="list-style-type: none"> <li>• Total marriages by year of occurrence</li> <li>• Total marriages by place of usual residence of bride/groom</li> <li>• Total marriages by characteristics of bride and groom (e.g. age, previous marital status)</li> </ul>
10:30 – 11:00	<b>Coffee break</b>
11:00 – 12:00	<b>Practical Session 7: Marriage indicators</b> <ul style="list-style-type: none"> <li>• Crude marriage rate</li> <li>• General marriage rate</li> <li>• Age-specific marriage rate</li> <li>• Singulate mean age at first marriage (SMAM)</li> </ul>
12:00 – 13:00	<b>Lunch break</b>

13:00 – 14:00	<b>Practical Session 7: Divorce statistics</b> <ul style="list-style-type: none"> <li>Total divorces by year of occurrence</li> <li>Total divorces by place of usual residence of man/woman</li> <li>Total divorces by characteristics of man and woman (e.g. age, previous marital status)</li> <li>Total divorces by duration of marriage</li> <li>Total divorces by number of dependent children</li> </ul>
14:00 – 15:00	<b>Practical Session 8: Divorce indicators</b> <ul style="list-style-type: none"> <li>Crude divorce rate</li> <li>General divorce rate</li> <li>Age-specific divorce rate</li> </ul>
15:00 – 15:45	<b>Practical Session 9: Graphing marriage/divorce statistics</b>
15:45 – 16:00	<b>Day 4 Recap</b>

<b>Day 5: Thursday, 03 August 2023</b>	
<b>Marriage and divorce statistics</b>	
09:00 – 09:15	Introduction to Day 5 <ul style="list-style-type: none"> <li>Questions from day 4</li> </ul>
09:15 - 10:00	Preparing a presentation on marriage and divorce statistics (Group work) <ul style="list-style-type: none"> <li>Group 1: Marriage statistics (total and disaggregated)</li> <li>Group 2: Marriage indicators</li> <li>Group 3: Divorce statistics (total and disaggregated)</li> <li>Group 4: Divorce indicators</li> </ul>
10:00 – 10:30	<b>Coffee break</b>
10:30 – 11:30	Group presentation plenary and discussion of results
11:30 – 12:00	Preparation of the vital statistics report and dissemination
12:00 – 13:00	<b>Lunch break</b>
13:00 – 14:50	<b>Practical Session 10: Write-up of findings and interpretation</b>
14:50 – 15:00	Workshop Evaluation
15:00 – 15:30	Closing ceremony

### Contact information:

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