

Workshop on Data Analysis and Report Writing for Civil Registration Based Vital Statistics in Maldives: Deaths and Causes of Death

Malé, Maldives

03 – 07 September 2023

Workshop Facilitators: Ms. Sofoora Usman (National Consultant, ESCAP), Mr. David Rausis (Statistician, ESCAP), Ms. Wiraporn Pothisiri (CRVS Consultant, ESCAP), Ms. Doris Ma Fat (Statistician, WHO)

Tentative Programme (as of Aug 7)

Day 1: Sunday, 03 September 2023	
Workshop introduction and completeness of death registration	
08:00 – 08:30	Registration
08:30 – 09:00	Welcome and Opening Remarks <ul style="list-style-type: none"> Maldives Bureau of Statistics UNESCAP Introduction of participants
09:00 – 09:30	Introduction <ul style="list-style-type: none"> Background and objectives of workshop series Introduction to workshop materials
09:30 – 10:00	Mortality and cause-of-death statistics <ul style="list-style-type: none"> Why they are important? Data sources and quality Data cleaning
10:00 – 10:30	Importance of Cause of Death statistics for health policy (WHO)
10:30 – 11:00	Group Photo!! Coffee break
11:00 – 11:30	Deaths and causes of death registration in Maldives: Systems and Practices
11:30 – 12:00	Coverage and completeness <ul style="list-style-type: none"> Estimation of completeness (producing basic tabulations by year, age and sex)

	<ul style="list-style-type: none"> Techniques for adjusting for incompleteness
12:00 – 13:00	Lunch break
13:30 – 14:30	Practical Session 1: Death tabulations Total and registered deaths <ul style="list-style-type: none"> Deaths registered by year of occurrence and sex of decedent; Deaths registered by month and place of occurrence and place of usual residence and sex of decedent; Deaths registered by place of occurrence, sex of decedent and type of certification; Deaths registered by place of registration and place of usual residence; Deaths registered by other available characteristics of decedent (e.g., age, marital status, and education)
14:30 – 15:45	Practical Session 2: Death registration completeness and timeliness <ul style="list-style-type: none"> Estimating death registration completeness (by year of occurrence) for total and disaggregated by sex of decedent, age of decedent, place of usual residence and other available characteristics of decedent Timeliness of death registration Completeness of records with Cause of Death Adjusting for incomplete registration
15:45 – 16:00	Day 1 Recap

Day 2: Monday, 04 September 2023	
Completeness of death registration and mortality indicators	
08:30 - 08:45	Introduction to Day 2 <ul style="list-style-type: none"> Questions from day 1
08:45 – 09:45	Key measures of mortality (definition, calculation, and interpretation) <ul style="list-style-type: none"> Crude Death Rate (CDR) Sex ratio at death Age-specific death rates (ASDRs) Age standardization: direct and indirect methods Infant and Child Mortality measures
09:45 – 10:15	Graphing mortality data <ul style="list-style-type: none"> Choosing appropriate graphs for your data
10:15 – 10:45	Coffee break
10:45 – 12:00	Practical Session 3: Computing mortality measures <ul style="list-style-type: none"> Total and disaggregated by place of usual residence and other available characteristics
12:00 – 13:00	Lunch break
13:00 – 13:30	Infant and child mortality

	<ul style="list-style-type: none"> Definitions (and their variations) Measurements
13:30 – 14:00	Under-five mortality in Maldives: Levels, trends and determinants
14:00 – 15:15	Practical Session 4: Estimating infant and child mortality indicators <ul style="list-style-type: none"> Neo-natal mortality rate Infant mortality rate Under-five mortality rate <ul style="list-style-type: none"> Total and disaggregated by sex of baby and mother's place of usual residence
15:15 – 15:30	Day 2 Recap

Day 3: Tuesday, 05 September 2023

Mortality analysis (continued)

08:30 – 08:45	Introduction to Day 3 <ul style="list-style-type: none"> Questions from day 2
08:45 – 09:30	Practical Session 5: Graphing mortality indicators and interpretation
09:30 – 10:30	Preparing a presentation on death statistics and mortality indicators (Group work) <ul style="list-style-type: none"> Group 1: Absolute number of deaths (total and disaggregated) Group 2: Death registration completeness and SR at death Group 3: CDR and ASDRs Group 4: Infant and child mortality
10:30 – 11:00	Coffee break
11:00 – 12:00	Group presentation plenary and discussion of results
12:00 – 13:00	Lunch break
13:00 – 13:30	Life expectancy and cohort life table construction
13:30 – 14:30	Practical Session 6: Cohort life table & life expectancy
14:30 – 14:45	Period life table construction
14:45 – 15:45	Practical Session 7: Period life table & life expectancy
15:45 – 16:00	Day 3 Recap

Day 4: Wednesday, 06 September 2023

Causes of death

08:30 – 08:45	Introduction to Day 4 <ul style="list-style-type: none"> Questions from day 3
08:45 – 09:30	Cause-specific mortality <ul style="list-style-type: none"> International standards for cause-of-death statistics Type of data sources Challenges and best practices for collecting data on causes of death Transitioning from ICD-10 to ICD11- the impact on data analysis
09:30 – 10:15	Introduction to ANACOD3
10:15 – 10:45	Coffee break

10:45 – 12:00	Practical session 8: ANACOD3 <ul style="list-style-type: none"> • Data upload and validation checks • Mortality level analyses
12:00 – 13:00	Lunch break
13:00 – 15:00	Practical Session 8: ANACOD3 (cont'd) <ul style="list-style-type: none"> • Causes of death analyses • Special analyses on external causes of death and early childhood mortality
15:00 - 15:30	Group work: presentation and interpretation of Maldives ANACoD3 results
15:30 -15:45	Visualization of 20 years of Maldives data from the WHO Mortality Data base
15:45 – 16:00	Day 4 Recap

Day 5: Thursday, 07 September 2023	
Causes of death (continued) and development of vital statistics report	
09:00 – 09:15	Introduction to Day 5 <ul style="list-style-type: none"> • Questions from day 4
09:15 - 10:15	Preparing a presentation on life expectancy and causes of death (Group work) <ul style="list-style-type: none"> • Group 1: Life expectancy • Group 2: Cause-specific numbers of deaths and death rates
10:15 – 10:45	Coffee break
10:45 – 12:00	Group presentation plenary and discussion of results
12:00 – 13:00	Lunch break
13:00 – 14:00	Next-step plenary discussion
14:00 – 14:30	Closing ceremony and certificates

Contact information:

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