Supporting Improvements to Civil Registration and Vital Statistics:
A vital statistics report writing initiative (Phase II)
Workshop 1
7 – 11 January 2019, Bangkok, Thailand

Monday, 7 January – Data Quality

8:30 – 9:00	Registration
9:00 – 10:00	Welcome, introduction, & objectives
10:00 – 10:15	Presentation – The importance of data on births, deaths and cause of death
10:15 – 10:30	Presentation – Data sources; strengths & weaknesses
10:30 – 11:00	Morning tea & group photo
11:00 – 11:30	Presentation – Data quality: Variable formats, duplicates, missing data, & basic tabulation; and, Introduction to excel, pivot tables and data sorting
11:30 – 12:30	Lab 1 – Data quality: checking for plausible values, incomplete values, typos, blank values, duplicates, etc.
12:30 – 13:30	Lunch
13:30 – 14:30	Lab 1 continued
14:30 – 15:00	Group discussion – Data quality
15:00 – 15:15	Afternoon tea
15:15 – 15:45	Presentation – The importance of basic tabulations of births and deaths
15:45 – 17:00	Lab 2 – Practical exercise in tabulations (total, by year, by sex, by age)

Tuesday, 8 January – Data Quality / Births and Fertility Analysis

9:00 – 9:30	Day 1 Review
9:30 – 10:00	Presentation – Assessing completeness of birth registration
10:00 – 10:15	Presentation – Adjusting your data based on findings of completeness
10:15 – 10:30	Morning tea
10:30 – 11:30	Lab 3 – Completeness of birth registration exercise: - Using completeness to monitor registration system performance - Birth registration completeness by age groups - Completeness by sex, age, and location
11:30 – 12:00	Group discussion – Completeness and adjustment
12:00 – 13:00	Lunch
13:00 – 13:30	Presentation – Births: Crude birth rate, births by age of mother (Adolescent birth rate), place of birth, birth weight, gestation, Sex ratio at birth
13:30 – 14:45	Lab 4 – Births
14:45 – 15:00	Afternoon tea
15:00 – 15:30	Presentation – Presenting your data: Components of a good table

15:30 – 16:00	**Lab 4** *continued*
16:00 – 17:00	Group discussion – Births

Wednesday, 9 January – Fertility analysis / Basic Mortality Analysis

9:00 – 9:15	Review
9:15 – 9:45	Presentation – Age-specific fertility rates (ASFR)
9:45 – 10:15	**Lab 5** – ASFRs
10:15 – 10:30	Morning tea
10:30 – 11:00	**Lab 5** *continued*
11:00 – 11:30	Presentation – Excel: Graphs
11:30 – 12:00	**Lab 6** – Graphing data
12:00 – 13:00	Lunch
13:00 – 13:30	Presentation – Total fertility rates
13:30 – 14:00	**Lab 7** – Total fertility rates
14:00 – 14:30	Presentation – Data quality and comparison
14:30 – 15:00	**Lab 8** – Data quality and comparison
15:00 – 15:15	Afternoon tea
15:15 – 16:00	**Lab 8** *continued*
14:00 – 17:00	Group discussion – Fertility estimates

Thursday, 10 January – Advanced all-cause mortality analysis

9:00 – 9:15	Review
9:15 – 9:45	Presentation – Assessing completeness of death registration
9:45 – 10:15	**Lab 9** – Completeness of death registration
10:15 – 10:30	Morning tea
10:30 – 11:00	**Lab 9** *continued*
11:00 – 11:15	Presentation – Adjusting deaths by age and sex based on completeness estimates
11:15 – 12:00	**Lab 10** – Adjusting deaths by age and sex based on completeness
12:00 – 13:00	Lunch
13:00 – 13:30	Presentation – Deaths: Crude death rate (CDR) and basic disaggregation
13:30 – 14:45	**Lab 11** – CDR and tabulation
14:45 – 15:00	Afternoon tea
15:00 – 15:30	Presentation – Age Specific Mortality and age distribution of deaths: Graphing Log Graphs in Excel
15:30 – 17:00	**Lab 12** – Calculating Age Specific Mortality / Graphing age-specific mortality

Friday, 11 January – All-cause mortality: Life tables and life expectancy

9:00 – 9:15	Review
9:15 – 9:45	Presentation – Measures of infant and child mortality
9:45 – 10:00	**Lab 13** – Measures of child mortality
10:00 - 10:15	Morning tea
10:15 – 10:30	**Lab 13** *continued*
10:30 - 11:00	Presentation – Data quality and comparison, assessing estimates
11:00 – 12:00	**Lab 14** – Data quality and comparison
12:00 – 13:00	Lunch
13:00 – 14:00	Group discussion – Age distribution of deaths and child mortality indicators
14:00 – 14:30	Presentation – Age Standardized Mortality Rate (ASMR)
14:30 – 14:45	Afternoon tea
14:45 – 15:45	**Lab 15** – ASMR
15:45 – 16:30	Group discussion – ASMR
16:30 – 17:00	Wrap-up

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