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WORLD HEALTH ORGANIZATION REGIONAL OFFICE FOR SOUTH-EAST ASIA

SUMMARY DUTY TRAVEL REPORT

Submitted by

Dr Than Sein Dr Myint Htwe (Name)	EIP GPE/EIP (Unit)	25 January 2002 (Date)	ICP GPE 001 (Allotment number)
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Places visited

Dates

Bangkok, Thailand 1 to 7 December 2001

Purpose/objectives of visit:

To conduct the workshop on data management for evidence based decision-making. The workshop objectives are:

- To review the application of various public health indicators used in national annual health reports
- To demonstrate and promote use of various techniques for data presentation and analysis and
- To promote utilization of information for evidence-based decision-making.

Brief account of activities undertaken:

The workshop was conducted according to the attached working schedule (Annex 1).

- There were 36 participants from 9 countries ranging from HIS programme managers to mid-level programme managers, medical officers and health professionals, 3 WHO country office staff and 9 observers from Thailand.
- All discussions were geared towards practical utilization of data for evidence based decision-making and technical issues related to interpretation of data.
- There was intensive interactions and exchange of ideas and the participants were extremely appreciative and requested SEARO to conduct similar types of workshop at the national level.

Recommendations:

As per the request of the national participants GPE unit is arranging to conduct similar workshops at the national level during this biennium.

Specific recommendations for action (if any) by DRD/RD:

GPE unit is planning to develop these training materials in the form of modules or training packages for use in the countries of the Region. Agreement in principle from DRD/RD is sought.

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SOUTH-EAST ASIA

Intercountry Workshop on Data Management for
Evidence-Based Decision-Making,
Bangkok, Thailand, 3-7 December 2001

Rev.1
SEA/ DMED/Meet/3
28 November 2001

Working Schedule

Date	Morning Session (0830–1230 hrs)	Afternoon Session (1400-1700 hrs)
Monday, 3 Dec 2001	<p>Registration</p> <p>Opening Session</p> <ul style="list-style-type: none"> • Address by Dr Than Sein, Director, Evidence and Information for Policy, WHO/SEARO • Address by Ag. WHO Representative to Thailand • Address by Representative of Permanent Secretary, MoPH, Thailand <p>Introductory Session</p> <ul style="list-style-type: none"> • Opening remarks (Dr Myint Htwe) • Introduction of participants <p>Technical Session</p> <ol style="list-style-type: none"> 1. Quick review of HIS in the Region in the context of improving data quality for EBDM. (Dr Myint Htwe) <ul style="list-style-type: none"> Plenary discussion on formulation of strategies to make HIS responsive to the needs of the countries 2. Routine data collection & type and sources of data in developing countries (Dr Virasakdi) 	<p>3. Issues to be considered in interpreting morbidity and mortality data & data interpretation pattern (Dr Myint Htwe)</p> <p>4. Health indicators: generic principles to interpret and analyze it (Dr Mon Mon)</p>
Tuesday, 4 Dec. 2001	<ol style="list-style-type: none"> 5. How to analyze data arising out of routine HIS and estimation of data quality (Drs Myint Htwe & Mon Mon) <ul style="list-style-type: none"> Plenary discussion on critical analysis of data from Maldives and Myanmar annual reports 6. Data interpretation for use in planning health programmes: Interactive session for three scenarios: <ul style="list-style-type: none"> (i) inter-ministerial planning (ii) hospital manpower planning (iii) upgrading of hospital (Dr Myint Htwe) 	<p>7. Group Exercise</p> <p>Data management in support of health planning</p> <p>8. Part I of searching for evidence-based information: (i) hierarchy of evidence (ii) systematic reviews (iii) critiquing a meta-analysis (iv) determining truth from interviews (Dr Myint Htwe)</p>

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SUMMARY DUTY TRAVEL REPORT			
Submitted by			
Dr Than Sein Dr Myint Htwe (Name)	EIP GPE/EIP (Unit)	25 January 2002 (Date)	ICP GPE 001 (Allotment number)
Places visited		Dates	
Bangkok, Thailand		1 to 7 December 2001	
Purpose/objectives of visit:			
<p>To conduct the workshop on data management for evidence based decision-making. The workshop objectives are:</p> <ul style="list-style-type: none"> ➤ To review the application of various public health indicators used in national annual health reports ➤ To demonstrate and promote use of various techniques for data presentation and analysis and ➤ To promote utilization of information for evidence-based decision-making. 			
Brief account of activities undertaken:			
<p>The workshop was conducted according to the attached working schedule (Annex 1).</p> <ul style="list-style-type: none"> ➤ There were 36 participants from 9 countries ranging from HIS programme managers to mid-level programme managers, medical officers and health professionals, 3 WHO country office staff and 9 observers from Thailand. ➤ All discussions were geared towards practical utilization of data for evidence based decision-making and technical issues related to interpretation of data. ➤ There was intensive interactions and exchange of ideas and the participants were extremely appreciative and requested SEARO to conduct similar types of workshop at the national level. 			
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REGIONAL OFFICE FOR
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Rev.1

SEA/ DMED/Meet/3
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Date	Morning Session (0830–1230 hrs)	Afternoon Session (1400-1700 hrs)
Wednesday, 5 Dec 2001	<p>9 Life table construction and computation of healthy life expectancy (DALE/HALE) (Drs Virasakdi & Nihal Singh)</p> <p>10. DALY and its computation (Burden of disease) (Drs Virasakdi & Nihal Singh)</p>	<p>Various types of summarizing and presenting data</p> <p>11. Graphical presentation (Drs Myint Htwe, Virasakdi & Mon Mon)</p> <p>12. Computation and interpretation of seasonal indices (Dr Myint Htwe)</p> <p>13. Direct and indirect methods of standardization of rates (Drs Virasakdi & Nihal Singh)</p>
Thursday, 6 Dec 2001	<p>14. Hospital statistical indicators and its use in planning and management of hospitals (Dr Myint Htwe)</p> <p>Interactive discussion on further use of hospital indicators for planning and management of hospitals</p> <p>15. Part II of searching for evidence-based information: (v) decision analysis (vi) matrices (vii) cause and effect diagram (viii) control charts (ix) Pareto diagram (x) work flow diagram (Dr Myint Htwe)</p>	<p>16. Practice session for life tables, DALE, DALY & others (Drs Virasakdi & Nihal Singh)</p>
Friday, 7 Dec 2001	<p>17. Ecological fallacies in data interpretation (Dr Myint Htwe)</p> <p>18 Biases in data management (Dr Myint Htwe)</p>	<p>19. Issues related to reliability, internal and external validity and guidelines to increase the validity of survey instruments (Dr Myint Htwe)</p> <p>Closing Session</p>

Lunch Interval (1230-1400 hours)

- ◆ Tea/coffee breaks will be at 1000 in the morning and 1530 in the afternoon for 15 minutes each.
- ◆ All sessions are interactive
- ◆ After each session, participants will be asked to discuss and give their views and share their experience on certain aspects of the presentations.
- ◆ After each presentation, there will be 15-20 minute-discussion session.