

WORLD HEALTH
ORGANIZATION



REGIONAL OFFICE FOR
SOUTH-EAST ASIA

WHO SEARO / WPRO Consultation on
Strengthening Health Information Systems in Asia
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**Overview of Annual Health Bulletins
and other health reports of the
Countries**

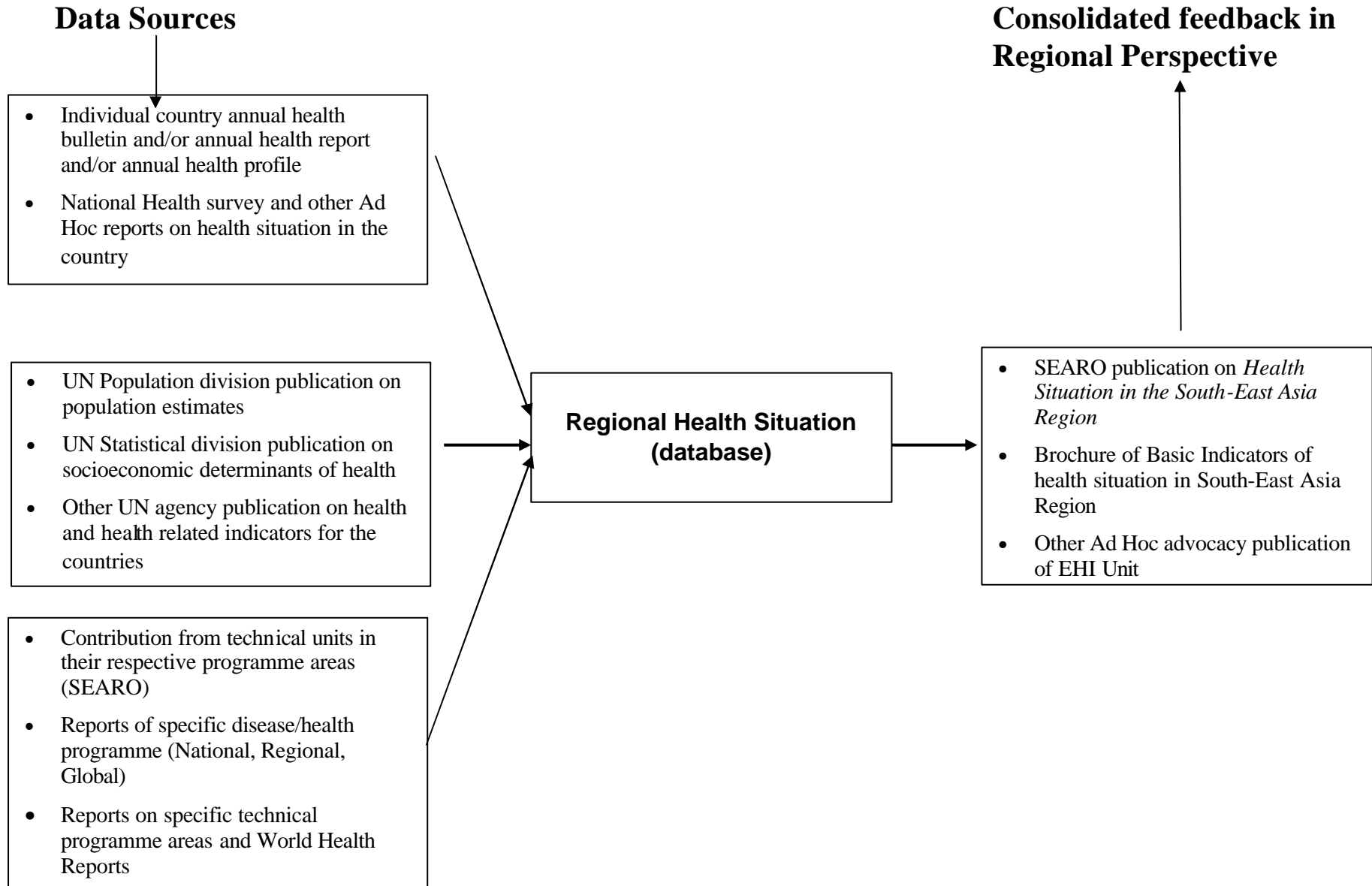
Input for Regional Database on health situation and trends in the South-East Asia Region is provided by countries through their annual health bulletins and reports which in turn provide data-based evidence to the process of preparation of regional publications on health situation in the South-East Asia Region as shown in the diagram on next page

Annex 1 lists the potential publications either already provided or likely to be provided by countries of the Region for documentary evidence on health situation and its trends in the respective country. These publications are the main sources for preparation of regional publication.

Evolution of National Health Information System

Prior to Alma Ata declaration (1978)	HFA 2000 era	HSPA era	Present MDG era (Health Metrics with networking)
NHIS concept was rarely practiced	NHIS concept was recognized	NHIS is seen as a pivotal link between health management and health policy debate	NHIS is seen as network of federated sub-systems
Focus was on routine service statistics on communicable diseases, health activities, and health resources	Focus was on data to meet the reporting requirement on HFA indicators	Focus is on summary measures of health within HSPA framework	Focus is on development and use of routine service records at point of service delivery
Development of statistical tools and methods	Prolific development of health indicators	Development of health indexes	Building up spatial databases common for all partners
No or little use of automation	Beginning of IT use	IT use in full swing	Mapping of health resources and application of GIS technology

HIS at WHO/SEARO level



Primary sources of data in the countries

- ◆ Vital events registers
- ◆ Routine health service records
- ◆ Epidemiological surveillance
 - For notifiable infectious diseases
 - For other infectious diseases such as Mal, TB, HIV/AIDS
- ◆ Disease registries such as for cancer
- ◆ Sample surveys such as DHS
- ◆ Population and household censuses
- ◆ Other
 - Income and expenditure surveys
 - Health care financing and health insurance
 - National Health Accounts
 - Health system responsiveness, and
 - Health state surveys

Data Sources and its Producers

Data Source	Data Producer
Vital events register	➤ Civil registration system
Routine health service records	➤ Hospital and clinics (Govt/Private)
Epidemiological surveillance	➤ Specific disease programme
Disease registers	➤ Such as Cancer registry
Population	➤ Census
Health surveys	➤ MoH/HIS focal point
Socioeconomic surveys	➤ CSO
NHA	➤ MoH/CSO
HCF and SHI	➤ MoF/MoH

Regional issues and challenges

- Ministries of Health in SEAR countries do have health information teams to oversee directly or indirectly the operations of the data recording and reporting mechanisms. However, countries have not been able to use health information effectively for policy debate and decision-making due to:
 - ◆ Data collection systems are overloaded with details, which may not be required for policy/decision-making.
 - ◆ The appropriate feedback mechanisms are not well established.
 - ◆ weak linkages in the data transmission system at various levels.
 - ◆ Required information is not available in a timely manner. Sometimes it is incomplete and thus not usable for evidence-based decision-making..
- Organizational culture which values or encourages analytical thinking is lacking.
- NHIS are often found not adequately equipped with global tools & techniques of data analysis.
- Appropriate tools for transforming data into information for decision-making are not always applied properly.
- Disaggregated data are often not available in the form required by programme managers for day to day decision-making.at point of delivery of health service.
- Existing human resources are not sufficiently trained for applying the latest analytical tools and methods to synthesize information for decision-making.
- Health information systems are not well equipped for emergency preparedness and vulnerability reduction. Therefore, it is not responsive enough to help contain natural disasters and emergencies.

List of Publications Usually Received from Countries of the Region

Bangladesh

From Ministry of Health:

- *Bangladesh Health Bulletin*
Source: Director General of Health Services
(It is annual publication. We have upto 1998-99)

Ad hoc reports such as:

- *Demographic and Health Survey, 1999-2000*
Source: DHS, Macro International Inc and MOH&FW
- Epidemiological reports
Source: Health Information Unit, MOH&FW

From Other Ministries:

- *Statistical Yearbook of Bangladesh*
Source: Bangladesh Bureau of Statistics, Ministry of Planning
(It is annual publication. We have upto 1998)
- Census data and Vital Statistics
Sources: 1. Bangladesh Bureau of Statistics
2. Population census, Vital Registration, and Sample Registration System
- National Health Accounts
Sources: 1. National Income Section, Bangladesh Bureau of Statistics
2. Ministry of Finance

Ad hoc reports such as:

- Household Income and/or expenditure survey
Source: Bangladesh Bureau of Statistics, Ministry of Planning

Bhutan

From Ministry of Health:

- *Annual Health Bulletin*
Source: Ministry of Health
(It is annual publication. We have upto 2002)

Ad hoc reports such as:

- *National Health Survey 2000*
- *National Health Survey 1994*
- Anthropometric Survey 1999

From Other Ministries:

- *Statistical Yearbook of Bhutan*
- National Accounts Statistics
- Bhutan at a glance 2003

Source: National Statistical Bureau

DPR Korea

From Ministry of Health:

- ??? Any annual publication on health situation

Ad hoc reports such as:

- STC reports
- UNICEF, DPRK: *The Multiple Indicator Cluster Survey 1998*
- UNICEF,WFP,EU,DPRK: *Nutrition Survey, 1999*

From Other Ministries:

- *The Health Statistics of the Democratic People's Republic of Korea*
Source: Central Statistics Bureau of the DPRK
(We have as of 1992)
- Census data and Vital Statistics
Source: ???
- National Health Accounts
Source: ???

Ad hoc reports such as:

- Household Income and/or expenditure survey
Source: ???

India

From Ministry of Health:

- *Health Information of India*
Source: Central Bureau of Health Intelligence, DGHS
(It is annual/biennial publication. We have upto 2000 & 2001)
- Annual Report of MOH&FW

Ad hoc reports such as:

- *National Family Health Survey 1998-99*
Source: International Institute of population sciences, USAID and MOH&FW
- RCH Survey 1998-99
Source: International Institute of Population Sciences, Mumbai and MOH&FW
- Epidemiological reports
Sources: 1. Central Bureau of Health Intelligence
2. Specific disease programme
3. Disease Registry such as that for cancer, Diabetes, CVD, Injury, and others

From Other Ministries:

- *Statistical Yearbook of India*
Source: Central Statistical Organization, Ministry of Planning
(It is annual publication. We have none)
- Census data
Census of India 2001 (preliminary report received)
Source: Registrar General & Census Commissioner, Ministry of Home Affairs
- Vital Statistics (Sample Registration System, Medical certification of causes of death, Survey of causes of death (Rural))
Source: Vital Statistics Division, Registrar General of India, Ministry of Home Affairs
- National Health Accounts
Sources: 1. National Accounts section, CSO, Ministry of Planning
2. Health Planning Unit, MOH&FW
3. Ministry of Finance

Ad hoc reports such as:

- Household Income and/or expenditure survey
Source: National Sample Survey Organization, CSO, Ministry of Planning

Indonesia

From Ministry of Health:

- *Indonesia Health Profile 1999*
Source: Centre for Health Data & Information
(It is annual publication)

Ad hoc reports such as:

- *Demographic and Health Survey, 2002-2003*
Source: DHS, Macro International Inc and MOH
- Epidemiological reports
Source: 1. Centre for health data
2. Specific disease programme
3. Disease registry ???

From Other Ministries:

- *Statistical Yearbook of Indonesia*
Source: Central Bureau of Statistics
- Census data and Vital Statistics
Sources: 1. Ministry of Interior
2. Centre for health data
- National Health Accounts
Sources: 1. National Accounts Section, Central Bureau of Statistics
2. Ministry of Finance

Ad hoc reports such as:

- Household Income and/or expenditure survey
Source: National Socio-Economic Survey, Central Bureau of Statistics.
(National Socio-Economic Survey 2000 – text in Bahasa)
(Welfare Indicators 1999 – text in Bahasa)

Maldives

From Ministry of Health:

- *The Maldives Health Report*
(It is annual publication. We have upto 2004)

Ad hoc reports such as:

- Maldives Health Profile 2004
- Health Master Plan 1996 - 2005

From Other Ministries:

- *Statistical Yearbook of Maldives*
Source: Ministry of Planning and National Development
(It is annual publication. We have upto 2004)
- Census data and Vital Statistics
Population and Census 2000 (Preliminary Results)
- National Health Accounts
Source: ???

Ad hoc reports such as:

- On Household Income and/or expenditure survey
- Vulnerability and Poverty Assessment 1998
Source: Ministry of Planning and National Development

UNFPA : Republic of Maldives, Reproductive Health – Baseline Survey 1999

UNDP : Human Development Report – Challenges and responses 2000

Myanmar

From Ministry of Health:

- *Health in Myanmar 2001*
- *Country Health Profile 1995*

Ad hoc reports such as:

- *Analysis of Government Health Expenditures during 1987-88 to 1997-98*
Source: Department of Health Planning
- *Multiple Indicator Cluster Survey 2000*
Source: Department of Health Planning with the collaboration of UNICEF
- *Annual Hospital Statistics Report 1998*
Source: Department of Health Planning

From Other Ministries:

- *Statistical Yearbook*
Source: Central Statistical Organization, Ministry of National Planning and Economic Development
(It is annual publication)
- *Myanmar Fertility and Reproductive Health Survey 1997*
Source: Ministry of Immigration and Population
- *Census data and Vital Statistics*
Sources: 1. Population Department
2. Immigration and National Registration Department
- *National Health Accounts*
Sources: 1. Central Statistical Organization
2. Department of Health Planning

Ad hoc reports such as:

- *Household Income and/or expenditure survey*
Source: Central Statistical Organization

Nepal

From Ministry of Health:

- *Health Information Bulletin*
Source: Policy, Planning, Foreign Aid, and Monitoring Division
(It is annual publication. We have as of 2001)
- Annual Report 1999/2000
Source: Department of Health Services

Ad hoc reports such as:

- *Nepal Demographic and Health Survey 2001*
Source: DHS, Macro International Inc and MOH
- Maternal Mortality and Morbidity Study
Source: Department of Health Services
- Report on the Situation of Women, Children and Households, 2000
Source: CSO
- A Situation Analysis of Disability in Nepal, 2001
Source: UNICEF/National Planning Commission
- Health System Profile 2004

From Other Ministries:

- *Statistical Pocket Book*
Source: Central Bureau of Statistics
(It is annual publication)
- Population Census 2001 (National Report)
Sources: Central Bureau of Statistics
- National Health Accounts
Sources:
 1. Central Bureau of Statistics
 2. Ministry of Finance
 3. Policy, Planning, Foreign Aid, and Monitoring Division of Ministry of Health

Ad hoc reports such as:

- Household Income and/or expenditure survey
Source: Central Bureau of Statistics

Sri Lanka

From Ministry of Health:

- *Annual Health Bulletin*
(It is annual publication. We have as of 2000)

Ad hoc reports such as:

- Epidemiological reports
Source: Specific disease programme
- Health Sector in Sri Lanka : Current status and challenges,2002

From Other Ministries:

- *Sri Lanka Demographic and Health Survey 2000*
Source: Department of Census and Statistics
- Census data and Vital Statistics
Sources: 1. Department of Census and Statistics
2. Registrar General's Department
- National Health Accounts : Sri Lanka National Health Expenditure 1990-1999
Source: Institute of Policy Studies of Sri Lanka

Ad hoc reports:

- Poverty, Transition and Health : A Rapid Health Situation Analysis, 2002
- Sri Lanka Health Atlas 2003

Thailand

From Ministry of Public Health:

- *Health in Thailand*
(It is annual/biennial publication. We have as of 1995-1996)
- Public Health Statistics
(It is annual publication. We have as of 1998)
- Thailand Health Profile
(It is annual/biennial publication. We have as of 1999-2000)

Ad hoc reports such as:

- *National Maternal and Child Health Factbook 1997*
Source: Department of Health
- Epidemiological reports
Source: Specific disease programme

From Other Ministries:

- *Statistical Yearbook of Thailand*
Source: National Statistical Office
(It is annual publication. We have none)
- Census data and Vital Statistics
(The 2000 Population and Housing Census – Preliminary Report)

Sources: 1. National Statistical Office, Office of the Prime Minister
2. The Central Office for Civil Registration, Ministry of Interior

- National Health Accounts
Source: ???

Ad hoc reports such as:

- Household Income and/or expenditure survey
- Health Insurance Systems in Thailand 2001
- Burden of Disease and Injuries in Thailand 2002
- Health System Profile of Thailand 2004

Timor-Leste

From Ministry of Health:

- Health Profile 2002
- Millennium Development Goals Report 2003

From Other Ministries :

- Census Timor-Leste 2004