



The Health Metrics Network Assessment Tool

HMN Assessment Process & Tool



Why use the HMN assessment tool?

- **A step towards a comprehensive HIS vision;**
- **Gives stakeholders an understanding of their HIS;**
- **Identify strengths and weaknesses**
- **Identify priority areas for improvement**
- **Develops consensus on priority weaknesses;**
- **Establishes a baseline to monitor progress;**
- **Provides a basis for the strategic plan;**
- **Helps build consensus and support for implementing the plan.**

The HMN Framework



- The HMN Framework centers on six components for the assessment of HIS. It emphasizes on the principles, processes, and tools for the achievement of an integrated and harmonized HIS.

HMN Framework

Health information system
components & standards

HIS resources

Indicators

Data sources

Data management

Information products

Dissemination and use

Roadmap
for implementation

Principles

Process

Tools

HMN Goal

Increase availability, accessibility, quality and use of health information that are critical for decision making at country and global levels.

The HMN Framework



HIS RESOURCES

- **Policy and Planning**
- **HIS Institutions, human resources and financing**
- **HIS Infrastructure**

The HMN Framework



INDICATORS

- Indicators

DATA SOURCES

- Census
- Vital Statistics
- Population-based surveys
- Health and disease records
- Health service records
- Administrative records

The HMN Framework



DATA MANAGEMENT

- Data Management

INFORMATION PRODUCTS

- Health Status indicators
- Health system indicators
- Risk factors indicators
- Other indicators

The HMN Framework



DISSEMINATION AND USE

- Analysis and use of information
- Policy and advocacy
- Planning and Priority setting
- Resource allocation
- Implementation and action

Assessment tool switchboard



Health Metrics Network



Health Information System Assessment Tool

Version 1.96

Enter Scores

I. Resources

II. Indicators

III. Data Sources

IV. Data Management

V. Information Products

VI. Dissemination & Use

View Results

Summary of Results

Summary of Comments

Overall Assessment

Data Sources Assessment

Information Products Assessment

Quality of Health Information

Score Entry Progress

HMN Assessment Tool



- An electronic questionnaire in Excel which carries a switchboard and automatic computation of scores once filled up.
- Questions are perception-type questions but are expected to be answered by key informants so the respondent's "perception" is based on proper information at his level.

Assessment Tool



- **The questionnaire has a total of 244 items. Each item is scored:**
 - Highly adequate - 3
 - Adequate - 2
 - Present but not adequate - 1
 - Not adequate at all - 0
- **The total score for each category is compared to a maximum score to yield a percentage rate.**
- **The scores are then given adjectival ratings based on quintiles of scores:**
 - Lowest quintile (<20th percentile) - Not functional
 - Second quintile - Not adequate at all
 - Third quintile - Present but not adequate
 - Fourth quintile - Adequate
 - Fifth quintiles - Highly adequate

Procedure



- The HMN Procedure for the assessment uses a Group Consensus through workshops.
- It is not a survey but is more a variant of focus group discussions (FGDs) where participants' individual responses are reviewed by the whole group to reach a group consensus.
- It uses the HMN assessment tool which is an Excel-based questionnaire.
- The participants are actually key informants composed of all major stakeholders (producers, users, financiers).
- The assessment process is done by groups followed by a plenary to present the groups' assessment results.
- These are further followed by consensus building in both group and plenary sessions and, finally, feedback.



The HMN Assessment Tool Worksheet