Day 1: 1 May 2017- Rationale, Approaches and Vision

1.1 Rationale for strengthening health information systems

1.1.1 Improving health – the reason for better health information

1.1.2 The challenge of measuring health

1.1.3 Poor performance of health information systems

1.1.4 Drivers for change

1.1.5 Global standards and harmonization of health information

1.1.6 A unifying approach to health information system development

1.2 Approaches to health information system strengthening

1.2.1 Convening stakeholders and undertaking performance assessments

1.2.2 Identifying data requirements and indicators

1.2.3 Describing data requirements and tools at different levels

1.2.4 Matching data requirements to data sources

1.2.5 Ensuring the quality of health information system products

1.2.6 Synthesizing, analyzing and using information

1.2.7 Aligning partners and bringing data and users together

Day 2: 2 May 2017: Components and Standards of a Health Information System

2.1 Health information system

2.1.1 The six components of a health information system

2.2 Health information system resources

2.2.1 Health information system coordination and leadership

2.2.2 Health information system information policies

2.2.3 Health information system financial and human resources

2.2.4 Health information system infrastructure

2.3 Indicators

2.3.1 Domains of health information

2.3.2 Defining core indicators

2.4 Data sources

2.4.1 Health information data sources

2.4.2 Censuses

2.4.3 Civil registration

2.4.4 Population surveys

2.4.5 Individual records

2.4.6 Service records

2.4.7 Resource records

2.4.8 Linking indicators and data sources

2.5 Data management

2.5.1 Data storage

2.5.2 Ensuring data quality

2.5.3 Data processing and compilation

2.6 Information products

2.6.1 Transforming data into information

2.7 Information use

2.7.1 Use of information for decision-making

2.7.2 Institutionalizing information use and demand

Day 3: 3 May 2017 - Strengthening Health Information Systems – Principles, Processes and Tools

3.1 Guiding principles for health information system development

3.1.1 Principle of country leadership and ownership

3.1.2 Principle of responding to country needs and demands

3.1.3 Principle of building upon existing initiatives and systems

3.1.4 Principle of building broad-based consensus and stakeholder involvement

3.1.5 Principle of a gradual and incremental process with a long-term vision

3.2 Implementation processes for health information system strengthening

3.2.1 Phase 1 – Leadership, coordination and assessment

3.2.2 Phase 2 – Priority-setting and planning

3.2.3 Phase 3 – Implementation of health information system strengthening activities

3.2.4 Continuous evaluation and improvement