



Facilitators Manual
Severe Acute Respiratory Illness/Influenza like Illness
(SARI/ILI) Sentinel Surveillance System

PUBLIC HEALTH EMERGENCY MANAGEMENT
VIRAL RESPIRATORY DISEASES SURVEILLANCE AND RESPONSE

March 2022



Participant's Manual
Severe Acute Respiratory Illness/Influenza like Illness
(SARI/ILI) Sentinel Surveillance System

PUBLIC HEALTH EMERGENCY MANAGEMENT
VIRAL RESPIRATORY DISEASES SURVEILLANCE AND RESPONSE

March 2022

Course Description:

This basic surveillance training is prepared for four days to surveillance focal points and regional PHEM officers who are working on SARI/ILI surveillance and response. It will enable them to collect respiratory samples and epidemiological data, surveillance data management and surveillance data analysis and interpretation.

Course Goal:

To provide participants with necessary knowledge, skill and attitude needed to undertake SARI/ILI Surveillance.

Enabling Objectives:

By the end of this training course, the participants are able to:

- Describe virological, clinical and epidemiological aspects of common viral respiratory disease
- Identify SARI/ILI sentinel surveillance site selection criteria's
- Describe the surveillance approaches of common viral respiratory diseases
- Conduct SARI/ILI data collection, analysis, interpretation and reporting
- Apply SARI/ILI sample collection, handling, storage and facilitate transportation of specimens for testing.
- Outline the SARI/ILI surveillance data quality assurance and evaluation methods

Training Methods

- Brain storming
- Think pair share

- Illustrated lectures
- Group discussion
- Group Assignment and Presentation
- Case scenario
- Reading Assignment
- Practical exercises

Training Materials

- Participant manual
- Facilitators guide
- Laptop computer
- LCD projector
- Flipcharts and markers
- Note books, pens, A4 size papers
- PPEs (face mask, gown/film gown, face shield/eye goggle, gloves, sanitizer, etc)

Participant selection criteria

Participant of the training should be either

- National PHEM officers or
- Regional laboratory & PHEM officers working on SARI/ILI surveillance or
- SARI/ILI Sentinel site surveillance focal points and/or PHEM focal

Trainer's Selection Criteria

- Mandatory: Who took WHO SARI/ILI sentinel surveillance training with record of achievement certificate ($\geq 80\%$)
- and/or engaged in the development of surveillance training material

- and/or involved in SARI/ILI Sentinel surveillance and response activities at national/regional level

Method of course evaluation

Participant evaluation

Formative Assessment

- Pre-test
- Group work & presentation
- Participant's activity: Q and A sessions, practical demonstration

Summative Assessment

- post-test ; 90%
- full attendance ;10%

Course evaluation

- daily evaluation
- End of Course evaluation

Trainer evaluation

- Standard trainer evaluation format/check list

Certification criteria: participants who have attended 95% the basic SARI/ILI surveillance training

and scored the posttest evaluation above 70% will be certified.

Course Venue: Training centers which can accommodate participants and trainers with adequate physical distance and ventilation

Course Duration: Four days

Course Composition: 32 participants per venue, 6 trainers