



REPUBLIC OF SOMALILAND
MINISTRY OF HEALTH DEVELOPMENT



Somaliland Frontline Field Epidemiology Training Program (FETP) First Pilot cohort training

Training Report



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Opening

The two days Mentorship training of trainers workshop was opened with a Self-Introduction under the PHD director coordination of workshop objectives, followed by welcome statement by the Technical Advisor of the DG Dr Amal Ali who proceeded the presentation by facilitators from AFENET and WHO on 22th to 23th August 2023. Ten Senior Public Health officers of the MoHD attended the two days Mentorship trainers of Training.

Then on the 24th of August 2023, Implementation and Stakeholders Meeting conducted during which the workshop was opened with a welcome statement by was opened with a welcome statement by the Vice Minister of Health of Somaliland MoHD, Dr. Liban Yusuf Osman then by the Director General of Somaliland MoHD Dr. Mohamed Abdi Hergeye followed by the remark by Dr. Mary Karanja WHO representative, Dr Tatek Bogale AFENET, Horn of Africa Regional technical Coordinator. The overall MoHD commitments and priorities of the FETP workshop was presented By Dr.Amal Ali, Technical Advisor to the General Director Somaliland MoHD.

On the 26th of August 2023, the Launch of the FETP Frontline workshop was opened with a welcome statement by remark from the Director General of Somaliland MoHD Dr. Mohamed

Abdi Hergaye followed by the remark by Dr. Deq Saeed Jama WHO representative, Dr. Dr. Bonheur Dounebaine (virtual), Mrs. Rosita Wigand, Dr Tatek Bogale AFENET Horn of Africa Regional technical Coordinator. The Expectation and Objective of the Frontline FETP presented By Dr.Amal Ali.

All congratulated the participants for joining the program and emphasized the importance of the program in strengthening public health emergency management in their respective levels.

Introduction

FETP Frontline Surveillance Training (FETP-Frontline) is a 3-month in-service program focused on detecting and responding to diseases and events of public health importance or international concern. Participants spend up to 12 days in three workshops in the classroom; they spend the remaining 8–10 weeks back at their jobs, where they conduct field projects to practice, implement, and reinforce what they have learned. These projects include creating a report with summary tables and charts of the surveillance data routinely collected at their agency; conducting monitoring, evaluation, and feedback visits at some of the reporting sites; performing a health problem analysis; and participating in a case or outbreak investigation.

Objective

- ❖ To reinforce participants' current responsibilities and prepare them for the program's field activities.
- ❖ Highlight descriptive epidemiology skills that improve practical surveillance and data management skills
- ❖ Recognize the importance of collecting and summarizing / reviewing surveillance data regularly to monitor health conditions in the community and to provide information for public health decision-making
- ❖ Conduct monitoring and evaluation of surveillance data collection, analysis, and reporting
- ❖ Teach basic data auditing skills and use of data auditing tools to improve surveillance data quality at all levels

Topics Addressed:

- Introduction to FETP-Frontline and Public Health Surveillance
- Collecting Surveillance Data
- Case Definitions and Line Lists
- Lesson 1.04: Data Quality
- Summarizing , Displaying and Interpreting Data
- Communicating Surveillance Information
- Case Investigation
- Surveillance Monitoring and Evaluation
- Excel
- SWOT Analysis
- Introduction to Field Interval 1 Activities
- Introduction to mentorship

Methodology:

- **Lecture:** presentation on the content
- **Discussion:** Group work, exercise, case study and general discussion
- **Evaluation:** Pretest, post-test and daily quiz

Table 1 – Participants evaluation Results (median & spread/percentages)

	Pre-test		Post Test		Pre-Post Difference	
	Score	Spread	Score	Spread	Score	Spread
Class 1 (n=10)	37.5	17-78	70	48-84	32.5	0-67

Training Days: The training was conducted for Five days; from Sunday 26th to Thursday 25th August 2023

Training Place: Maansoor Hotel, Hargeisa, Somaliland

Each participant is assigned to different districts to conduct their field project and strengthen Surveillance system. They are expected to conduct assessment of the quality of local data, with

recommendations for improvement and Surveillance summary report that can be used for public health decision making. Each participant has assigned mentor and co-mentor to help them throughout the three month period.

Training Facilitators: Trainers/facilitators were from experienced field epidemiologist from AFENET and WHO.

Participants: A total of 10 participants (All male) from Regional level participated in the first workshop. Participants were public health officers and HMIS officers from Regional level Ministry of Health. (Table 2)

Table 2

Region	Female	Male	Number
Sanag Region	0	1	1
Gabilay	0	1	1
Sahil	0	1	1
Togdheer	0	2	2
Marodiheh	0	2	2
Sool	0	1	1
Awdal	0	2	2
Total	0	10	10

Action Photo





Opening remark by Ministry and NGO representative

Lecture presentation and practical session





Agenda

Somaliland Front line Field epidemiology training program First cohort Workshop for Regional level Public Health and HMIS officers

Date: 26th to 30th Aug 2023

Venue: Maansoor Hotel, Hargeisa, Somaliland

Time	Topic	Speaker	Session Chair
08:00-08:30	Arrival and registration of Guests and Participants	AFENET/MOHD	Dr. Amal Ali (Technical Advisor to DG MoHD)
08:30-08:50	Welcoming and Opening remarks by the Director General	Dr. Mohamed Abdi Hergeye	
08:50-09:00	Remarks by AFENET representative	Dr. Tatek Bogale	
09:00-09:10	Remarks by WHO representative	Dr. Deq Saeed Jama	
09:10-09:20	Remarks by PHAS Representative	Rosita Claesson/Nina Rehn-Mendoza (virtual)	
09:20-09:30	Remarks by Africa CDC Representative	Dr. Bonheur Dounebaine (virtual)	
09:30-09:40	Training objectives and expectations of the FETP in-class training and field work.	Dr. Amal Ali	
09:40-10:00	Overview of FETP in Africa	Dr. Tatek Bogale	
10:00 - 10:10	Remarks by Director of Public Health	Mahdi Dahir Bahdoon	
10:10 – 10:20	Remarks by Director of Policy, Planning and Strategic Information	Saeed M Soleman	

10:20-10:30	Group photo		
10:30-11:00	Health Break		
Saturday 26 th August / 2023			
Time	Topic	Facilitator/Co-facilitator	
11:00-11:30	Pretest		
11:30-12:00	1.01. Intro to Course FETP-F and PH Surveillance	Dr.Tatek Bogale	
12:00-13:00	1.01.Intro to Course and PH Surveillance (continued) + exercise 1.01-1 & 1.01-2	Dr.Mohamd G Qayad	
13:00-14:00	Lunch		
14:00-16:00	1.01. Collecting Data + exercise 1.02-1 & 02-2	Dr.Mohamd G Qayad	
16:00-16:15	Health Break		
16:15-17:15	1.03. Case Definitions, and Line Lists + exercise 5	Sulaiman Bangura	
17:15-17:30	Daily Quiz, Review and Wrap Up	Dr.Mohamd G Qayad	
End of Day 1			
Sunday – 27 th August 2023			
8:30-9:30	Daily Review (Day one)	WHO	
9:00-9:30	1.03. Case Definitions, and Line Lists + exercise 1.03-2	Dr.Mohamd G Qayad	
9:30-10:30	1.04. Data Quality + exercise 1.04-1	Sulaiman Bangura	
10:30-11:00	Health Break		
11:00-	1.05. Summary Statistics and Disease Frequency	Dr. Dr.Mohamd G Qayad	

13:00		
13:00-14:00	Lunch	
14:00-15:30	1.05. Summary Statistics and Disease Frequency + exercise 1.05-1,1.05-2	Dr.Mohamd G Qayad
15:30-16:00	1.06. Displaying Data	Sulaiman Bangura
16:00-16:15	Health Break	
16:15-16:45	1.06. Displaying Data	Sulaiman Bangura
16:45-17:30	Daily Quiz, Review and Wrap Up	Dr.Mohamd G Qayad
End of Day 2		
Monday 28th August 2023		
8:30-9:00	Daily Review	Dr.Mohamd G Qayad
9:00-10:30	1.06. Displaying Data exercise 1.06-1, 1.06-2, 1.06-3 & 1.06-4	Sulaiman Bangura
10:30-11:00	Health Break	
11:00-11:30	1.06. Displaying Data	Sulaiman Bangura
11:30-13:00	1.07. Interpreting Data + exercise 1.07-1	Dr.Mohamd G Qayad
13:00-14:00	Lunch	
14:00-14:30	1.08. Communicating Information exercise 1.08-1	Sulaiman Bangura
14:30-15:30	1.09. Case Investigation + exercise 1.09-1	Dr.Mohamd G Qayad
15:30-15:45	Health Break	

15:45-16:15	1.09. Case Investigation + exercise 1.09-1	Dr.Mohamd G Qayad
16:15-17:30	Daily Quiz, Review and Wrap Up	Dr.Mohamd G Qayad
End of Day 3		
Tuesday 29th August 2023 Moderator		
8:30-9:00	Daily Review	Dr.Mohamd G Qayad
9:00-10:30	1.10. Monitoring and Evaluation + exercise 1.10-1	Dr.Tatek Bogale
10:30-11:00	Health Break	
11:00-11:30	Introduction of Mentors/Comentors	Dr.Mohamd G Qayad/ Dr.Tatek Bogale
11:30-13:00	Dengue Case Study, Parts A & B	Dr.Mohamd G Qayad
12:30-13:00	Dengue Case Study, Part C	Dr.Mohamd G Qayad
13:00-14:00	Lunch	
14:00-14:30	Dengue Case Study, Part C	Sulaiman Bangura
14:30-16:00	Dengue Case Study, Parts D-E	Sulaiman Bangura
16:00-16:30	Health Break	
16:00-17:00	Dengue Case Study, Part F	Sulaiman Bangura
17:00-17:30	Daily Quiz, Review and Wrap Up	Dr.Tatek Bogale
End of Day 4		
Wednesday day 30th August 2023		

8:30-9:00	Daily Review	Dr.Mohamd G Qayad
9:00-10:30	1.11. Excel for FETP-Frontline	Dr.Hakeem Yusuf
10:30-11:00	Health Break	
11:00-13:00	1.11. Excel for FETP-Frontline (continued)	Dr.Hakeem Yusuf
13:00-14:00	Lunch	
14:00-15:30	1.11. Excel for FETP-Frontline (continued)	Dr.Hakeem Yusuf
15:30-16:00	1.12. SWOT Analysis and Data Quality Audit (DQA) Case Study	Sulaiman Bangura
16:00-16:130	Health Break	
16:30-17:15	1.13. Intro to Field Interval 1 Activities,	Dr.Mohamd G Qayad/ Dr.Tatek Bogale
17:15-17:30	Posttest, Feedback, Instructions for Field Interval 1	

Annex

Mentors TOT Pre and Post Test Score

Somaliland Mentors TOT 22-23 August 23

Code	Pretest Score	Post test
4	0.38	71%
149	57%	76%
86	67%	62%
Sami	86%	76%
21	31%	65
101		24%
AOM	45%	52%
40	33%	69%
55	29%	38%
Awil	29%	47%
Dr.Nasira	26%	48%
?	10%	

Cohort 1 FETP Pre and Post Test score

Code	Pretest Score (100%)	Posttest Score (100%)	Quiz one Score (100%)	Quiz Two Score (100%)	Quiz Three Score (100%)	Quiz Four Score (100%)
448	31%	54%	35%	47%	43%	62%
M/kh	17%	84%	30%	58%	52%	86%
MFS	33%	64%	45%	29%	48%	75%
964	47%	68%	75%	84%	61%	62%
53	42%	72%	65	52%	52%	75%
229	60%	72%	75%	64%	52%	86%
H	65%	76%	35%	59%	43%	86%
HMH	78%	80%	70%	64%	61%	86%
Khayse	48%	48%	70%	70%	70%	63%
Samaale	33%	52%	50%	47%	48%	75%