Student Syllabus

Outbreak Module

EIDSS | Electronic Integrated Disease Surveillance System

This page intentionally left blank

Module Overview

This module presents EIDSS functions related to tracking outbreaks in humans and animals. To ensure pertinent information is shared across all sites, EIDSS records demographic information, geographical locations, laboratory analyses, sample tracking, epidemiological analyses, clinical information (including disease-specific clinical signs), and response measures.

This module consists of two lessons and their associated tasks:

- Sessions
- Cases

The Outbreak module features a number of tabs that make it easy to navigate to the various sections needed to complete EIDSS tasks. This module begins with an overview of the key components.

Agenda

	Time
Module Overview Agenda	00:30

Lesson: Sessions
    Create an Outbreak Session
    Navigate the Outbreak Tabs
    Search within Outbreaks
    Edit an Outbreak Session
    Change an Outbreak Session Status
    Delete an Outbreak Session
    Enter an Outbreak Session Update
    Edit an Outbreak Session Update
    Analyze an Outbreak Session
	01:30

Lesson: Cases
    Enter a Human Case
    Edit a Human Case
    Enter a Veterinary Case
    Edit a Veterinary Case
    Edit a Contact
    Enter an Outbreak–Related Vector Surveillance Session
    Import a Disease Report
Exercise
	02:30

Module Summary	00:30

Sessions

Overview

Outbreak sessions can be created, modified, updated, and analyzed in EIDSS to monitor and track disease outbreaks.

The following tasks are included in this lesson:

- Create an Outbreak Session
- Navigate the Outbreak Tabs
- Search within Outbreaks
- Edit an Outbreak Session
- Change an Outbreak Session Status
- Delete an Outbreak Session
- Enter an Outbreak Session Update
- Edit an Outbreak Session Update
- Analyze an Outbreak Session

Demonstration

Your instructor will demonstrate each task. After each task demo, complete the task using the data set provided by your instructor. Continue in this manner until all tasks are completed.

Cases

Overview

Human and veterinary cases can be added to outbreak sessions. A zoonotic outbreak session can contain both human and veterinary cases and contacts.

An outbreak case report displays two summary sections:

1. **Outbreak Details** - includes outbreak-related information
2. **Case Details** - includes case-related information

The following tasks are included in this lesson:

- Enter a Human Case
- Edit a Human Case
- Enter a Veterinary Case
- Edit a Veterinary Case
- Edit a Contact
- Enter an Outbreak-Related Vector Surveillance Session
- Import a Disease Report

Demonstration

Your instructor will demonstrate each task. After each task demo, complete the task using the data set provided by your instructor. Continue in this manner until all tasks are completed.

Exercise

Use the scenario provided by your instructor to complete the tasks in this lesson.

Note: There will be EIDSS fields for which information was not provided in the scenario. You can leave these blank or add fictional, but realistic, data based on your epidemiological experience.

Module Summary

This module focused on EIDSS functions related to tracking outbreaks in both humans and animals. These lessons were presented along with their associated tasks. Students practiced these tasks after instructor demonstrations and then applied the knowledge they learned in an exercise.