Student Syllabus

Human Module

EIDSS | Electronic Integrated Disease Surveillance System

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Module Overview

This module presents EIDSS functions related to documenting disease in humans. 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 six lessons and their associated tasks:

- Person Record
- Human Disease Report
- Active Surveillance Campaign
- Active Surveillance Session
- Aggregate Reports
- Aberration Analysis

Agenda

	Time
Module Overview Agenda	00:30

Lesson: Person Record
    Enter a Person Record
    Search for a Person Record
    Edit a Person Record
	01:30

Lesson: Human Disease Report
    Enter a Human Disease Report
    Search for a Human Disease Report
    Edit a Human Disease Report
    Close a Human Disease Report
    Reopen a Human Disease Report
    Change a Human Disease Report Diagnosis
    View an Animal Disease Report
    Delete a Human Disease Report
Exercise
	02:30

Lesson: Active Surveillance Campaign
    Enter a Human Active Surveillance Campaign
    Search for a Human Active Surveillance Campaign
    Edit a Human Active Surveillance Campaign
    Delete a Human Active Surveillance Campaign
	02:30

Lesson: Active Surveillance Session
    Enter a Human Active Surveillance Session
    Enter a Standalone Human Active Surveillance Session
    Search for a Human Active Surveillance Session
    Edit a Human Active Surveillance Session
    Delete a Human Active Surveillance Session
Exercise
	02:30

Lesson: Aggregate Reports
    Enter a Human Aggregate Disease Report
    Search for a Human Aggregate Disease Report
    Edit a Human Aggregate Disease Report
    Enter a Human Aggregate Disease Report Summary
    Delete a Human Aggregate Disease Report
    Enter an ILI Aggregate Form
    Search for an ILI Aggregate Form
    Edit an ILI Aggregate Form
    Delete an ILI Aggregate Form
	02:30

Lesson: Aberration Analysis
    Create a Human Aberration Analysis Report
    Create an ILI Aberration Analysis Report
	02:30

Module Summary	00:30

Person Record

Overview

A person record contains information including an individual's place of residence, employment, and past disease reports. A person record must be created to enter a disease report.

The following tasks are included in this lesson:

- Enter a Person Record
- Search for a Person Record
- Edit a Person Record

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.

Human Disease Report

Overview

A human disease report contains information including the samples, tests, and contacts. A disease report must be attached to an existing person record.

The following tasks are included in this lesson:

- Enter a Human Disease Report
- Search for a Human Disease Report
- Edit a Human Disease Report
- Close a Human Disease Report
- Reopen a Human Disease Report
- Change a Human Disease Report Diagnosis
- View an Animal Disease Report
- Delete a Human 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.

Active Surveillance Campaign

Overview

A human active surveillance campaign monitors the levels of disease within a community through data collection such as disease reports or notifications, clinical record reviews, or community surveys.

 The following tasks are included in this lesson:

- Enter a Human Active Surveillance Campaign
- Search for a Human Active Surveillance Campaign
- Edit a Human Active Surveillance Campaign
- Delete a Human Active Surveillance Campaign

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.

Active Surveillance Session

Overview

A human active surveillance campaign can have linked active surveillance sessions that are created within the campaign. New sessions can also be created as standalone (i.e., not linked to a campaign).

The following tasks are included in this lesson:

- Enter a Human Active Surveillance Session
- Enter a Standalone Human Active Surveillance Session
- Search for a Human Active Surveillance Session
- Edit a Human Active Surveillance Session
- Delete a Human Active Surveillance 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.

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.

Aggregate Reports

Overview

An aggregate disease report analyzes a group of similar cases over a chosen time period and within the same administrative level. An aggregate disease report summary is a report that comprises selected aggregate cases that share an administrative level and time period.

The Influenza-Like Illness (ILI) aggregate form summarizes the data for influenza-like illnesses reported by hospitals/sentinel stations over a defined time period.

The following tasks are included in this lesson:

- Enter a Human Aggregate Disease Report
- Search for a Human Aggregate Disease Report
- Edit a Human Aggregate Disease Report
- Enter a Human Aggregate Disease Report Summary
- Delete a Human Aggregate Disease Report
- Enter an ILI Aggregate Form
- Search for an ILI Aggregate Form
- Edit an ILI Aggregate Form
- Delete an ILI Aggregate Form

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.

Aberration Analysis

Overview

Aberration analysis reports can be created using certain parameters to determine whether anomalies exist in influenza-like illness data or human disease incidences.

The following tasks are included in this lesson:

- Create a Human Aberration Analysis Report
- Create an ILI Aberration Analysis 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.

Module Summary

This module focused on EIDSS functions related to documenting disease in humans. These lessons were presented along with their associated tasks. Students practiced these tasks after instructor demonstrations and then applied the knowledge they learned in exercises.