

Student Syllabus

Veterinary 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 eight lessons and their associated tasks:

- Person Record
- Farm Record
- Livestock Disease Report
- Avian 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 View a Human Disease Report	01:30
Lesson: Farm Record Enter a Farm Record Search for a Farm Record Edit a Farm Record Delete a Farm Record	02:30
Lesson: Livestock Disease Report Enter a Livestock Disease Report Search for a Livestock Disease Report Edit a Livestock Disease Report Create a Connected Livestock Disease Report Delete a Livestock Disease Report	02:30
Lesson: Avian Disease Report Enter an Avian Disease Report Search for an Avian Disease Report Edit an Avian Disease Report Create a Connected Avian Disease Report Delete an Avian Disease Report Exercise	02:30
Lesson: Active Surveillance Campaign Enter a Veterinary Active Surveillance Campaign Search for a Veterinary Active Surveillance Campaign Edit a Veterinary Active Surveillance Campaign Delete a Veterinary Active Surveillance Campaign	02:30
Lesson: Active Surveillance Session Enter a Veterinary Active Surveillance Session Enter a Standalone Veterinary Active Surveillance Session Search for a Veterinary Active Surveillance Session Edit a Veterinary Active Surveillance Session Delete a Veterinary Active Surveillance Session Exercise	02:30

Agenda - continued

	Time
Lesson: Aggregate Reports Enter a Veterinary Aggregate Disease Report Search for a Veterinary Aggregate Disease Report Edit a Veterinary Aggregate Disease Report Enter a Veterinary Aggregate Disease Report Summary Delete a Veterinary Aggregate Disease Report Enter a Veterinary Aggregate Action Report Search for a Veterinary Aggregate Action Report Edit a Veterinary Aggregate Action Report Enter a Veterinary Aggregate Action Report Summary Delete a Veterinary Aggregate Action Report	02:30
Lesson: Aberration Analysis Create a Veterinary Aberration Analysis Report	00:30
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 farm record.

The following tasks are included in this lesson:

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



Farm Record

Overview

A farm record contains information about a farm's location and ownership as well as past disease reports. A farm record must be created to enter either a livestock or avian disease report.

The following tasks are included in this lesson:

- Enter a Farm Record
- Search for a Farm Record
- Edit a Farm Record
- Delete a Farm 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.



Livestock Disease Report

Overview

A livestock disease report contains information including herd and species data, samples, tests, and interpretations. A livestock disease report must be attached to an existing farm record.

At any time, the Paper Forms control can be used to print the Livestock Investigation Form, which is populated with the data entered in the disease report.

The following tasks are included in this lesson:

- Enter a Livestock Disease Report
- Search for a Livestock Disease Report
- Edit a Livestock Disease Report
- Create a Connected Livestock Disease Report
- Delete a Livestock 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.



Avian Disease Report

Overview

An avian disease report contains information including flock and species data, samples, tests, and interpretations. An avian disease report must be attached to an existing farm record.

The following tasks are included in this lesson:

- Enter an Avian Disease Report
- Search for an Avian Disease Report
- Edit an Avian Disease Report
- Create a Connected Avian Disease Report
- Delete an Avian 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 veterinary 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 Veterinary Active Surveillance Campaign
- Search for a Veterinary Active Surveillance Campaign
- Edit a Veterinary Active Surveillance Campaign
- Delete a Veterinary 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 veterinary 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). Detailed information for an active surveillance session includes data about farms, herds, species, animals, and samples.

The following tasks are included in this lesson:

- Enter a Veterinary Active Surveillance Session
- Enter a Standalone Veterinary Active Surveillance Session
- Search for a Veterinary Active Surveillance Session
- Edit a Veterinary Active Surveillance Session
- Delete a Veterinary 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 action report analyzes the number of actions performed over a chosen time period and within the same administrative level.

An aggregate disease report summary or aggregate action report summary is a report that comprises selected aggregate cases or actions performed within the same administrative level and time period.

Before an aggregate report can be created, a veterinary aggregate disease matrix must be configured. The default matrix for an aggregate report is the last activated matrix, but a different matrix can be chosen from the drop-down menu.

The following tasks are included in this lesson:

- Enter a Veterinary Aggregate Disease Report
- Search for a Veterinary Aggregate Disease Report
- Edit a Veterinary Aggregate Disease Report
- Enter a Veterinary Aggregate Disease Report Summary
- Delete a Veterinary Aggregate Disease Report
- Enter a Veterinary Aggregate Action Report
- Search for a Veterinary Aggregate Action Report
- Edit a Veterinary Aggregate Action Report
- Enter a Veterinary Aggregate Action Report Summary
- Delete a Veterinary Aggregate Action 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.



Aberration Analysis

Overview

Aberration analysis reports can be created using certain parameters to determine whether anomalies exist in animal disease incidences.

The following task is included in this lesson:

- Create a Veterinary 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 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 exercises.