

e-module "Epidemiological surveillance"

PRACTICAL INFORMATION

Date of the course: see e-CERISE annual schedule

Deadline for registration: Check ENSV-FVI International Training Programme

Duration: 3 days

Location: not applicable (e-module)

Audience: Official Veterinarians from countries that have committed to the OIE PVS Pathway wishing to acquire additional skills and to progress in their functions and responsibilities.

Number of participants: 15 maximum

General organisation:

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Speakers: not applicable

Languages of tuition:

English/French

Assessment method: Quiz, exercises, case studies

Delivered certificate: Certificate of attendance

Continuing education credits: not applicable

Fees: 800€

Accessibility: 100% online

Registration:

A registration form is available on the website of ENSV-FVI <http://www.ensv.fr/registration/>

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CONTEXT

Epidemiological surveillance of animal diseases is a key activity to yield information about the frequency and distribution of diseases. Decision-makers can use such information to develop suitable control measures for protecting human and animal populations or to provide evidence that a specific disease is absent from a given territory, allowing the export of its animals and animal products.

PROGRAMME

Main objective:

Epidemiological surveillance of animal diseases is a key activity to yield information about the frequency and distribution of diseases. Decision-makers can use such information to develop suitable control measures for protecting human and animal populations or to provide evidence that a specific disease is absent from a given territory, allowing the export of its animals and animal products.

Learning objectives:

The skills acquired by learners during this module will be:

- Define appropriate surveillance objectives for a given epidemiological situation
- Manage the institutional organisation of surveillance systems
- Coordinate surveillance system protocols
- Establish and recommend surveillance system evaluation strategies.

In the context of the OIE PVS evaluation process, these competencies fully address the critical competencies in section II-4. on Surveillance and Early Warning.

Course Content:

The module is composed of seven theory-based segments (introduction, surveillance objectives, institutional organisation, surveillance protocols, laboratories, information system, evaluation) that are each accompanied by a variety of practical exercises. In particular, the case study exercises will test a participant's understanding using a surveillance system that he or she has chosen.

After finishing each of these theory-based segments, participants will need to complete this case study, in which they apply what they just learnt to their chosen surveillance system.

OIE reference: The content refers to Chapter 1.4 of the OIE Terrestrial Animal Health Code.

Teaching methods:

- Short lectures: short online lectures in the form of narrated PowerPoint presentations describing the theoretical background for epidemiological surveillance;
- Scientific articles: open-access articles that can help participants expand their knowledge about specific aspects of surveillance systems;
- Quizzes and self-assessment tests: online exercises to complete following the theory-based content (i.e., video lectures or texts) where participants can apply concepts, verify comprehension, or broaden understanding;
- Case study exercises: a set of exercises during which participants can apply all the concepts addressed in the module to a surveillance system of their choice;
- Additional reading: PDF documents available online or texts on websites that reinforce understanding and promote assimilation of important concepts in epidemiological surveillance.

Prerequisites

Reading of the PVS report of the participant's country when it exists