The Foreign Animal Disease Preparedness and Response Plan (FAD PReP) Standard Operating Procedures (SOPs) provide operational guidance for responding to an animal health emergency in the United States.

These draft SOPs are under ongoing review. This document was last updated in January 2014. Please send questions or comments to:

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2.1 Introduction
The Center for Epidemiology and Animal Health (CEAH) in Science, Technology, and Analysis Services (STAS), in cooperation and coordination with the Surveillance, Preparedness, and Response Services (SPRS), develops animal disease case definitions for animal health surveillance and reporting.

Case definitions enhance the usefulness of animal disease data by establishing uniform criteria for reporting purposes. Currently, CEAH is developing case definitions for World Organization for Animal Health (OIE)–listed diseases (https://oie.int) and other diseases of interest.

2.2 Goals
2.2.1 Preparedness Goal
The preparedness goal for case definition development is that CEAH, in conjunction with SPRS, will provide case definitions for foreign animal diseases to local, State, Tribal, Federal, and agricultural stakeholders prior to an incident.

2.2.2 Response Goal
The response goal for case definition development is to update case definitions at regular intervals, or update them as needed during incidents or outbreaks.

2.3 Purpose
The purpose of this SOP is to inform stakeholders regarding the development and approval of case definitions.

2.4 Responsibilities
2.4.1 CEAH
- Develops case definitions.
- Coordinates case definition development with VS, State Animal Health Officials (SAHOs), and appropriate stakeholders.
- Reviews and incorporates input from stakeholders into case definitions.
- Disseminates approved case definitions to stakeholders.
- Maintains the case definition library.

2.4.2 SPRS National Preparedness and Incident Coordination (NPIC)
Assists the CEAH in developing and reviewing case definitions.

2.4.3 VS Units and Stakeholders
Review draft case definitions and provide input to the CEAH.
2.4.4 VS Deputy Administrator (VSDA) and VS Executive Team (VSET)

Approve case definitions.

2.5 Development of Case Definitions (Animal Disease Case Definitions to Standardize Disease Reporting)

Case definitions have four purposes:

1. Surveillance planning and implementation
2. Disease outbreak response
4. National reportable animal disease list development

CEAH has developed a standardized format (Attachment 2.A) that includes all the information needed to ensure that the case definitions meet these four purposes. The standardized format includes sections on general disease and pathogen information, laboratory criteria describing specific tests recommended by the OIE and the National Veterinary Services Laboratories, reporting criteria, control and surveillance procedures, and the classification of cases. The case definition section includes suspect, presumptive positive, and confirmed positive as the case classifications, which represent increasing levels of certainty of the disease or agent presence. Using a standardized document and review process will enable the case definitions under development to be useful for multiple purposes and will allow all stakeholders to comment and suggest revisions. The approved case definitions will be scientifically valid, widely accepted documents that aid in uniform surveillance and reporting of animal disease events.

Developing national, standardized case definitions requires collaboration among many partners. The goal is to allow all stakeholders (VS, SAHOs, and industry commodity groups) to comment on the case definitions as they are being developed or reviewed. To help ensure stakeholder input, CEAH created a case definition development and review process (Attachment 2.B).

To start, CEAH drafts a case definition, which is sent to subject matter experts (SMEs) and industry representatives for review and comment. CEAH reviews the comments for validity, incorporates those accepted, and updates the case definition. Next, CEAH contacts appropriate VS units to review and comment on the developed case definition. Once VS input is incorporated, SAHOs can review and comment on the case definition. The VSDA and VSET give final approval to the case definition. CEAH reviews approved case definitions periodically. CEAH, in coordination with NPIC and stakeholder input, can also modify approved case definitions during animal health emergencies, emerging animal disease situations, or changes in laboratory testing capabilities.
Attachment 2.A Standard Template for Case Definitions

1. General Disease and Pathogen Information
   1.1 Etiologic Agent
   1.2 Distribution
   1.3 Clinical Signs
   1.4 Incubation Period
   1.5 Differential Diagnosis
   1.6 Transmission and Reservoir
   1.7 Epidemiology

2. Laboratory Criteria

3. Case Definition
   3.1 Suspect Case
   3.2 Presumptive Positive Case
   3.3 Confirmed Positive Case

4. Reporting Criteria

5. Control and Surveillance Procedures
Attachment 2.B Process Flowchart for Developing Case Definitions

Table 2.B-1 depicts the development and approval process for case definitions.

Table 2.B-1. Process for Case Definition Development and Approval
## Attachment 2.C Abbreviations

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>CEAH</td>
<td>Center for Epidemiology and Animal Health</td>
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<tr>
<td>FAD PReP</td>
<td>Foreign Animal Disease Preparedness and Response Plan</td>
</tr>
<tr>
<td>NPIC</td>
<td>National Preparedness and Incident Coordination</td>
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<tr>
<td>OIE</td>
<td>World Organization for Animal Health</td>
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<tr>
<td>SAHO</td>
<td>State Animal Health Official</td>
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<tr>
<td>SME</td>
<td>subject matter expert</td>
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<tr>
<td>SOP</td>
<td>standard operating procedure</td>
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<td>SPRS</td>
<td>Surveillance, Preparedness, and Response Services</td>
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<tr>
<td>STAS</td>
<td>Science, Technology, and Analysis Services</td>
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<td>USDA</td>
<td>U.S. Department of Agriculture</td>
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<td>VS</td>
<td>Veterinary Services</td>
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<td>VS DA</td>
<td>Veterinary Services Deputy Administrator</td>
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<tr>
<td>VSET</td>
<td>Veterinary Services Executive Team</td>
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