

# USDA



## USDA APHIS Veterinary Services Emergency Preparedness and Response Training and Exercise Strategy and Plan

Fiscal Years 2022-2024





## Preface

---

The U.S. Department of Agriculture (USDA) Animal and Plant Health Inspection Service (APHIS) Veterinary Services (VS) leads the way in helping our nation prepare for potential animal health emergencies that can threaten the U.S. economy and/or animal agriculture industries. USDA, as the lead federal agency for responding to animal disease outbreaks, works in partnership with state, tribal, and territorial animal health officials and animal agriculture industries, to provide leadership and support for national, regional, and state-specific responses. VS is the branch of USDA charged with providing the technical lead for the federal response to animal agriculture health emergencies. VS and the other branches of USDA can also provide support in emergencies or disasters where USDA is not the lead federal agency. To meet its missions and roles of providing technical leadership and guidance, VS relies on a robust program of training and exercises to achieve and maintain its levels of preparedness and capacity to provide support.

VS follows the principles of the U.S. Department of Homeland Security (DHS) National Incident Management System (NIMS) and the Homeland Security Exercise and Evaluation Program (HSEEP). All VS units are engaged and collaborate with external stakeholder emergency responders throughout the training and exercise planning process. This process began in FY 2014 and is conducted annually to refine the VS training and exercise strategy and plan.

VS will continue to enhance its capabilities to prepare for and respond to animal health emergencies. A well-conceived training and exercise strategy and a methodical multi-year plan provide the roadmap that guides VS through the preparedness cycle to achieve its preparedness and response mission and goals.

Blank Page

## Points of Contact

---

### ***Professional People Training (PPT)***

Ms. Liz D. Fernandez  
Laboratory Training Specialist  
USDA, APHIS, VS, PSS, MSD, Professional People Training  
[Elizabeth.D.Fernandez@usda.gov](mailto:Elizabeth.D.Fernandez@usda.gov)

### ***Field Operations***

Dr. Tom McKenna  
Acting Associate Deputy Administrator, Field Operations  
USDA, APHIS, VS, Field Operations  
[Thomas.S.McKenna@usda.gov](mailto:Thomas.S.McKenna@usda.gov)

### ***Strategy and Policy***

Dr. Jon Zack  
Director, National Preparedness and Incident Coordination (NPIC) Center  
USDA, APHIS, VS, Strategy and Policy, NPIC  
[Jonathan.T.Zack@usda.gov](mailto:Jonathan.T.Zack@usda.gov)

Dr. Barbara Porter-Spalding  
Senior Staff Officer, NPIC  
USDA, APHIS, VS, Strategy and Policy, NPIC  
[Barbara.A.Porter-Spalding@usda.gov](mailto:Barbara.A.Porter-Spalding@usda.gov)

Blank Page

## Table of Contents

---

|   |     |
|---|-----|
| Preface.....  | i   |
| Points of Contact.....  | iii |
| Professional People Training (PPT).....   | iii |
| Field Operations.....   | iii |
| Strategy and Policy .....   | iii |
| Table of Contents.....  | v   |
| VS Training and Exercise Strategy.....  | 1   |
| Introduction.....   | 1   |
| VS Training and Exercise Team.....  | 1   |
| VS Strategy and Policy .....  | 2   |
| VS Professional People Training.....  | 3   |
| VS Field Operations and VS Diagnostics and Biologics.....                               | 3   |
| VS Strategic Foundations and New Strategic Directions .....                             | 4   |
| APHIS Strategic Plan.....   | 5   |
| Federal HSEEP .....   | 6   |
| VS Training and Exercise Resources.....   | 7   |
| VS Training and Exercise Partnerships .....   | 7   |
| VS Training and Exercise Accountability .....   | 8   |
| Conclusion .....  | 8   |
| VS Training and Exercise Plan (TEP) FY 2022-2024.....                                   | 11  |
| Purpose.....  | 11  |
| Priorities, Objectives, and Events .....  | 12  |
| Priority 1: Build the VS NTEP Program.....  | 12  |
| Priority 2: Train VS and External Stakeholder Emergency Responders .....                | 15  |
| Priority 3: Exercise VS and External Stakeholder Emergency Responder Capabilities ..... | 20  |
| Appendix A: VS National Training and Exercise Team FY 2021 .....                        | 25  |
| Appendix B: National Preparedness Goal Core Capabilities .....                          | 27  |
| Appendix C: HSEEP Exercise Types .....  | 31  |
| Appendix D: Available Trainings and Exercises.....                                      | 35  |
| Appendix E: Closed VS NTEP Events .....   | 41  |
| Appendix F: Acronyms.....   | 55  |

Blank Page



## **VS Training and Exercise Strategy**

---

### ***Introduction***

The Animal Health Protection Act gives VS the authority and foundation for animal health emergency preparedness and response activities. VS has a long history of responding to animal health emergencies and incidents, and its mission continues to support the prevention and control of select domestic and foreign animal diseases (FAD) that can threaten U.S. public health, animal health, animal agriculture, the food supply, and the economy. The highly pathogenic avian influenza (HPAI) outbreak that devastated poultry producers during the winter of 2014 and spring of 2015 was the worst animal disease event in U.S. history. It affected more than 48.8 million birds and 21 states before the final infected flock detection on June 17, 2015. More recently, the virulent Newcastle disease (vND) outbreak in California fully engaged state and federal response agencies. The broad scope of these outbreaks presented many challenges to federal, state, and industry resources and identified areas where greater coordination, preparation, and communication are needed.

Our federal, state, tribal, territorial, private sector, non-governmental organizations, and other partners expect VS to continue leading emergency preparations and response to FADs and emerging disease incidents (EDI), and to provide support for other animal health incidents. Comprehensive training and exercises (T&E) build skills and provide much-needed practice before an actual incident occurs. VS recognizes the wisdom in refining its T&E strategy and identifying program-wide T&E priorities to assure that its emergency preparedness and response mission continues to be achieved. This process is particularly important considering periodic reductions in agency resources. Disease outbreaks, new and emerging diseases, and other national events will continue to drive changes in strategy and resource requirements.

Preparing VS employees to serve as animal health emergency responders through targeted T&E events not only meets VS leadership and guidance obligations but also provides VS with capabilities to potentially support other incidents, where it is not the technical lead. The VS emergency preparedness and response strategy is to prepare, through training and exercises, for a high-consequence FAD, EDI, or pest emergency requiring a comprehensive response over a prolonged period.

### ***VS Training and Exercise Team***

The VS Executive Team supports the VS National Training and Exercise Program (NTEP) process using a team approach of representatives from each VS unit and external stakeholder emergency responders. A representative from the VS Professional People Training (PPT) and a NPIC Staff Officer co-lead the Team. Representatives of federal supporting agencies, multi-state alliances, and single states are also included. See Appendix A for a list of members on the VS NTEP Team for FY 2021.

The VS NTEP Team conducted its annual VS Training and Exercise Planning Workshop (TEPW) in April 2021. Due to concerns regarding COVID-19, the VS TEPW was conducted virtually. The workshop updated the T&E strategy and plan by incorporating principles and guidance from the DHS HSEEP.

The workshop successfully met its objectives to:

1. Refine the VS strategy that provides the foundation for VS T&Es and helps VS and external partners to enhance their emergency preparedness and response capabilities.
2. Identify T&E priorities, objectives, and events that support the VS preparedness strategy; include lessons learned from responses to emergency incidents and action items from the VS Corrective Action Program (CAP).
3. Outline a multi-year schedule of implementable T&E events that are linked to the priorities and objectives.
4. Employ a progressive series of T&E activities that build specific capabilities in a cycle of escalating complexity.

The outcome of the VS TEPW and follow-on meetings is this document, the updated multi-year USDA APHIS Veterinary Services Emergency Preparedness and Response Training and Exercise Strategy and Plan Fiscal Years 2022-2024 (VS TEP), which is posted on the TEP website<sup>1</sup>.

The VS NTEP Workgroup is active year-round and serves as a cross-business team, across all VS units, and as a liaison to external stakeholder emergency responders. To maintain a high level of situational awareness and continuity, the program co-leads ask VS NTEP members to make a three-year commitment with the option to renew membership at the end of their term. Each member must serve on a working group for at least one VS NTEP Event. The Team also functions as a sounding board and advisor for training and exercise inquiries, including, for example, the extent of VS involvement in training and exercise events sponsored by external organizations, and developing appropriate corrective actions for improvement plans.

### ***VS Strategy and Policy***

The VS Strategy and Policy (S&P) organization provides science-based strategy, policy, and partnerships to safeguard and promote animal health, American agriculture, and the international movement of animals and animal products. The S&P unit oversees national preparedness and incident coordination through the National Preparedness and Incident Coordination Center (NPIC).

The VS NTEP supports the NPIC vision of creating a national alliance for protecting animal agriculture and improving the overall capacity to respond to emergencies and disasters. The VS NTEP works to prepare personnel through training and exercises, allowing the development of plans, policies, procedures, and capabilities that meet FiOps customers' needs and are appropriate in intensity and scope. Moreover, the VS NTEP helps the S&P organization meet the following goals:

- Form a culture of internationally recognized experts able to meet the evolving needs of animal health and integration with public health.
  - Make training a priority and encourage employees to attain their professional goals.
- Strengthen and integrate preparedness and response services.

---

<sup>1</sup> [https://www.aphis.usda.gov/aphis/ourfocus/animalhealth/sa\\_training\\_and\\_development/vstep/vstep-webinars](https://www.aphis.usda.gov/aphis/ourfocus/animalhealth/sa_training_and_development/vstep/vstep-webinars)

- Conduct comprehensive response training and exercises.

The VS Foreign Animal Disease Preparedness and Response Plan (FAD PReP) mission is to raise awareness and expectations and develop capabilities surrounding FAD preparedness and response. The following list represents FAD PReP's critical activities from which disease-specific standard operating procedures (SOPs), response plans, and associated guidance are developed. FAD Prep/VS has identified specific critical activities that may be required to execute and support a successful FAD response and eradicate a FAD outbreak. The list of critical activities also identifies the capabilities VS emergency must develop and maintain to effectively respond to a FAD or EDI.

#### ***VS FAD PReP Critical Activities***

- Etiology and Ecology
- Laboratory Definitions and Case Definitions
- Surveillance
- Diagnostics
- Epidemiological Investigation and Tracing
- Information Management
- Communication
- Health and Safety and Personal Protective Equipment
- Biosecurity
- Quarantine and Movement Control
- Continuity of Business
- Regionalization for International Trade
- Mass Depopulation and Euthanasia
- Disposal
- Cleaning and Disinfection
- Vaccination
- National Veterinary Stockpile
- Wildlife Management and Vector Control
- Animal Welfare
- Modeling and Assessment Tools
- Appraisal and Compensation
- Finance
- National Response Framework and National Incident Management System

### ***VS Professional People Training***

As a part of the Resources, People and Services (RPS), People Operations (PO) unit, Professional People Training (PPT) provides key functions for VS emergency management training.

PPT staff:

- Work closely with VS management to ensure that emergency management education and training needs are met. This is done in partnership with the APHIS Emergency Management Safety and Security Division (EMSSD).
- Develop, deliver, facilitate, and evaluate learning through various distribution methods, including classroom, webinar, video conference, laboratory, and online (AgLearn).
- Develop the capability to support VS exercises.

### ***VS Field Operations and VS Diagnostics and Biologics***

Although the VS S&P and PPT units will lead the program's emergency management training and exercise initiatives, the VS FiOps and Diagnostics and Biologics units (D&B) are also engaged throughout the process. Both units have representation on the VS NTEP Team to build

and help implement the VS TEP. Moreover, specific FiOps and D&B T&E events are solicited for inclusion in the VS TEP and multi-year schedule and receive full VS support. The VS NTEP upholds the Field Operations (FiOps) mission to develop and maintain a competent and highly trained workforce.

## **VS Strategic Foundations and New Strategic Directions**

VS leads T&E efforts with engagement from all four VS business units (FiOps, S&P, RPS, and D&B) in collaboration with external stakeholder emergency responders. Leaders of all VS units are requested to review, comment, approve, and support the VS TEP each year.

The VS NTEP strategy supports the strategic foundations and new strategic directions outlined by VS. *VS Strategic Foundations and New Strategic Directions* sets three strategic foundations, quoted below:

- *Our People. VS' most important organizational asset is its talented and motivated staff who are recognized for excellence from local to global levels.*
  - *VS will strengthen this organizational foundation by investing in its employees and supporting them as they deliver VS' mission and respond to changing animal health issues and customer needs. Developing VS' workforce for the 21<sup>st</sup> century is critical to VS' success as it modernizes its services and progresses in new directions.*
- *Purpose Driven Organization. VS protects the health and marketability of animals to ensure the prosperity of American producers.*
  - *VS excels when it focuses on its purpose. Remembering why VS does what it does and the positive impact it has on society unleashes the Can Do! spirit for which VS is known.*
  - *As a purpose driven organization, VS is continually striving to help its customers, improve its services, and tackle new problems. It is committed to aligning its business processes, workflow, and internal systems to ensure that they are serving its purpose.*
- *Its Role as a Federal Partner. VS will strengthen partnerships with government and private entities to protect animal health and assure that its work is focused on areas that VS, as the national animal health authority, is uniquely qualified to perform.*
  - *VS will continue to foster cooperative approaches to solve problems and assure that its federal role is appropriate and promotes investment and action by state and local governments and the private sector.*
  - *VS will collaborate across the animal health community and prioritize federal investments to protect animal health and foster realistic expectations for using taxpayer resources to address critical national animal health concerns.*

In addition to the strategic foundations, the VS NTEP strategy supports VS' new strategic directions. Those directions most relevant to building a comprehensive and targeted emergency preparedness and response T&E strategy are:

- *Develop VS' Workforce.* VS will ensure that its workforce has the 21<sup>st</sup> century skills and knowledge to serve its customers and provide science-based solutions to address animal health problems effectively and efficiently.
- *Emerging Disease and One Health.* VS will engage in emerging disease and one health issues, providing veterinary perspectives in diverse collaborations and providing veterinary expertise to investigate, analyze, and respond appropriately to resolve problems.
- *Partner with Producers.* VS will partner directly with producers and their veterinarians to deliver valued services and expertise to enhance producers' capacity to protect and improve animal health.

## **APHIS Strategic Plan**

APHIS programs collectively maintain the capability to prepare for and lead the federal response to animal and plant health emergencies. The *USDA APHIS Strategic Plan 2019-2023*<sup>2</sup> identifies three strategic goals that articulate APHIS' priorities. These goals contain 14 objectives, include major programmatic efforts, and cover the programs and services that APHIS administers. To support the objectives of each goal, APHIS employs numerous proven tactics in the programs. The VS NTEP supports the following USDA APHIS strategic goal, objective, and tactic.

- Goal 2. Safeguard American Agriculture. Protect the health of U.S. agricultural resources, including addressing zoonotic disease issues and incidences, by implementing surveillance, preparedness and response, and control programs.
  - Objective 2.3: Ensure effective preparedness and response systems. The tactic to achieve the objective:
    - Design training and exercise plans to enhance the preparedness of APHIS and its partners to respond to livestock and poultry health incidents, as well as other hazards that include One Health and zoonotic disease preparedness and response trainings.

APHIS delivers an Incident Command System (ICS) curriculum that focuses on the development of the APHIS Plant Protection and Quarantine (PPQ) program and VS IMTs. For personnel that are not members of a VS IMT, the Emergency Preparedness Committee (EPC) approved the following priority schedule for additional ICS resource development:

- Priority 1 personnel: APHIS Incident Management Team (IMT) members in ICS positions.
- Priority 2 personnel: Single resources in the APHIS Volunteer Emergency Response Readiness Corps (VERRC).
  - Priority 2.a. APHIS employees with IMT or ICS position experience who are willing to serve on an APHIS IMT or a similar APHIS program's response team.
  - Priority 2.b. APHIS employees with advanced and/or position-specific ICS training, who are willing to serve on an APHIS IMT or a similar APHIS program's response team.

---

<sup>2</sup> [https://www.aphis.usda.gov/about\\_aphis/downloads/aphis-strategic-plan.pdf](https://www.aphis.usda.gov/about_aphis/downloads/aphis-strategic-plan.pdf)

- Priority 2.c. APHIS employees who have an interest in and are willing to serve on an APHIS IMT or a similar APHIS program's response team.
- Priority 3 personnel: APHIS partners in government, including federal, state, and local government employees.

APHIS recommends that personnel consider additional training opportunities through the Federal Emergency Management Agency's (FEMA) Emergency Management Institute (EMI) and local outlets (e.g., state emergency management agencies, fire departments, etc.). APHIS recognizes that capabilities developed to respond to emergencies under statutory authorities, such as subject matter expertise for animal emergency response, may be used, if available, to support other incidents.

On September 18, 2015, APHIS issued a report on planning and preparations for HPAI in advance of a potential recurrence of the disease. The Fall 2015 HPAI Influenza Preparedness and Response Plan outlined key areas that captured experience from the 2014-2015 HPAI response efforts, epidemiologic studies, and feedback and input from state partners, industry, academia, and other stakeholders. The VS NTEP supports the following two key areas of this APHIS plan as it believes they are timeless and cannot be set aside:

- Enhancing preparedness.
- Improving and streamlining response capabilities.

### **Federal HSEEP**

VS applies the DHS HSEEP doctrine, which provides a set of guiding principles for T&E programs, as well as a common approach to T&E program management, design and development, conduct, evaluation, and improvement planning. VS uses the HSEEP tools and resources to facilitate and manage its self-sustaining T&E program. The priority in the VS NTEP is to formalize the emergency preparedness and response T&E initiative within the VS organization following the HSEEP doctrine.

The VS multi-year plan employs a progressive preparedness approach in which T&E activities focus on specific capabilities in a cycle of escalating complexity. For example, responders must first be trained and equipped to execute their critical activities, followed by a series of exercises that validate and test their skills. Exercises may begin with an executive-level seminar and progress toward a discussion-based tabletop exercise (TTX), or an exercise may begin with a TTX and progress to an operations-based functional or full-scale exercise (see graph below). The VS NTEP strategy uses progressive planning to build and sustain its preparedness and response capabilities.

***VS Progressive Series Approach to Exercises***



Multi-year planning, external stakeholder engagement, and resource management are essential ongoing processes that provide the basis for the planning, conduct, and evaluation of VS exercises.

***VS Training and Exercise Resources***

Highly talented and diverse personnel within VS are a core strength and a critical part of the VS NTEP strategy to enhance workforce abilities to respond to animal health incidents. Many VS personnel, such as VS IMT members, FiOps Logistics Center personnel and contractors, National Animal Health Laboratory Network (NAHLN) personnel, and others, have dedicated resources within their units to maintain a constant state of readiness.

The VS organization provides opportunities to align resources in support of its program-wide preparedness and response vision, mission, core values, and goals. Resources must be dedicated to supporting the implementation of the VS NTEP if the VS priorities are to be upheld. This includes substantial support to plan, implement, and manage VS T&Es and the fiscal resources for personnel to participate in T&E events. The challenge continues to be securing resources in the current context of the organization’s competing interests and shrinking budgets.

The VS Emergency Preparedness and Response (EPR) budget funds the T&E priorities, objectives, and events in the VS NTEP. The VS NTEP planning team develops a prioritized budget for activities in the current fiscal year and beyond, that must be approved in the annual budget planning process.

***VS Training and Exercise Partnerships***

The VS NTEP emphasizes the use of partnerships to build the capabilities of VS and its response partners. VS, state emergency responders, NAHLN laboratories, private-sector veterinarians, tribes, territories, and industry help to influence the success of the VS NTEP and build a cohesive response capacity. This allows the integration of VS and external stakeholder emergency responders in all aspects of training and exercising, at all levels within the

partnerships. Additionally, sharing information and resources within the partnerships enhances the preparedness and response capabilities for VS and its partners.

### ***VS Training and Exercise Accountability***

Historically, VS has freely provided emergency preparedness and response training to VS employees with little regard to their capability or desire to deploy to emergency response or to teach others. A lesson learned during the 2014-2015 HPAI response was that not all VS employees trained to perform an emergency response function were deployable. With the onslaught of T&E requests from the aftermath of the HPAI response, VS can no longer afford to train personnel indiscriminately. Moving forward, the VS NTEP has focused T&E opportunities on identified preparedness needs and it requests that trainees be accountable as deployable assets, and share their training with local, state, and federal stakeholders.

VS is investing in trainees who can be deployable as a VS District and/or national asset in the event of an emergency response. Although efforts are made to accommodate a deploying responder's existing work commitments, by their nature, emergencies may require sacrificing convenience or day-to-day assigned duties. Participants in face-to-face T&E events are requested to acknowledge that they are receiving training and enhancing their competencies as a VS District and/or nationally deployable asset during an animal health emergency incident. As such, they understand that they may be requested to deploy as an emergency responder and use the knowledge, skills, and abilities they develop.

APHIS VS is investing in trainees who will commit to sharing the information they learn in T&E events with internal and external stakeholder emergency responders through a variety of modalities using the train-the-trainer concept. This information sharing can be accomplished through emails, teleconferences, webinars, or face-to-face meetings. VS NTEP event participants are further requested to share materials they receive and information they learn from a T&E event with other emergency responder colleagues, both within APHIS and external to APHIS.

### ***Conclusion***

The 2014-2015 HPAI and the 2018-2020 vND outbreaks have resulted in significant impacts to poultry producers, allied industries, federal and state governments, and the American consumer. A robust program of T&Es is vital to maintain readiness for such a real emergency of unprecedented magnitude. Training provides the critical knowledge, skills, and abilities to respond to emerging or other animal diseases, and exercises provide a mechanism for response personnel to practice and learn outside of a real emergency.

The VS NTEP strategy is designed to enhance the preparedness of VS and its partners to respond to livestock and poultry health incidents. This strategy follows the principles of DHS's HSEEP and embraces a strong alliance with external stakeholder emergency responders. The VS NTEP strategy is twofold:

1. Train and exercise in tandem and collaboration with its external stakeholder emergency responders using the same organization, roles, and critical activities to address real FAD/EDI emergency incidents.
2. Build response capabilities within the VS Districts and VS IMTs.



- a. Build support capabilities within VS headquarters to assist VS Districts and VS IMTs.
- b. Implement processes to encourage and solicit stakeholder participation in VS District and VS IMT events.

This strategy includes creating tools, templates, and resources that, when possible, can be shared nationally. The VS TEP FY 2022-2024 Plan presented herein is intended to support these strategic initiatives and outline a three-year implementation of VS NTEP priorities, objectives, and specific events.

Blank Page

## VS Training and Exercise Plan (TEP) FY 2022-2024

---

### *Purpose*

The purpose of the VS NTEP is to translate the VS preparedness strategy, goals, and priorities into specific, actionable T&E activities that are coordinated on a multi-year schedule. The VS TEP:

- Identifies priorities in accordance with the VS preparedness and response strategy.
- Aligns with both the VS emergency critical activities and the national preparedness goals core capabilities<sup>3</sup> to achieve those priorities.<sup>4</sup>
- Outlines a multi-year schedule of T&Es to enhance and validate VS emergency preparedness and response capabilities.
- Employs a progressive series of T&E activities that focus on specific emergency preparedness and response capabilities in a cycle of escalating complexity.

Personnel need thorough training and adequate equipment before their role in an emergency incident can be effectively exercised. Because ICS training is the foundation of emergency response, it is imperative that VS employees identified as emergency responders are familiar with NIMS principles and ICS organization. However, ICS knowledge, skills, and abilities will not be institutionalized unless ICS is routinely practiced and exercised.

Many training courses and curricula exist that address identifying, investigating, and responding to an outbreak of a FAD/EDI. Courses vary from teaching threat awareness to technical skills and procedures necessary to stop an outbreak of disease. Foreign Animal Disease Diagnostician (FADD) need opportunities to maintain their skills after training at the Foreign Animal Disease Diagnostics Laboratory (FADDL) on Plum Island, NY. VS Guidance 12000.2 on FADD certification requirements, issued March 26, 2018, requires FADDs to complete a minimum of one course, training opportunity, or VS NTEP Event each year to retain FADD certification.

Exercises provide opportunities to practice training and implement plans and procedures in a no-fault learning environment outside of an actual emergency. Exercises also allow responders, senior officials, and others to validate training and practice strategic and tactical skills in a risk-reduced environment. All seven types of HSEEP exercises should be conducted using the progressive planning approach. The type of exercise that best meets VS requirements is identified through analysis of existing capabilities; gaps and lessons learned from previous training and exercise events; and resources available for exercise design/development, conduct, evaluation, and improvement planning. See Appendix C: HSEEP Exercise Types for a brief description of each type of exercise.

Implementing the updated VS TEP at the beginning of each fiscal year will sustain a methodical approach to increasing VS response capabilities and identifying areas for improvement. As the plan is implemented, available T&E materials will be leveraged, or new materials developed that address critical gaps. Well-planned and executed events will be delivered to provide the

---

<sup>3</sup> <https://www.fema.gov/core-capabilities>

<sup>4</sup> See Appendix B: National Preparedness Goal Core Capabilities

knowledge, skills, and attributes required to respond effectively and efficiently. The VS NTEP is a component of the APHIS and USDA T&E initiatives.

### **Priorities, Objectives, and Events**

The VS TEP forms the basis for coordinated T&E Events to prepare the VS staff, its support personnel, and external stakeholder emergency responders to respond to a real emergency. The VS TEPW held in April 2021 validated three FY 2022-2024 T&E priorities, with specific objectives that support each priority. Specific T&E events are enumerated for each objective. It is important to understand that the VS National Veterinary Stockpile (NVS) program maintains a separate multi-year T&E strategy and plan to support its logistics preparedness and response priorities, objectives, and events. *The National Veterinary Stockpile Fiscal Year 2022-2024 Training and Exercise Strategy and Plan* is considered a component of the VS TEP.

In the event of a FAD outbreak in the United States, the FAD PReP outlines three response goals:

1. Detect, control, and contain the FAD in animals as quickly as possible.
2. Eradicate the FAD using strategies that seek to stabilize animal agriculture, the food supply, and the economy; and protect public health and the environment.
3. Provide science- and risk-based approaches and systems to facilitate continuity of business for non-infected animals and non-contaminated animal products.

The VS TEP is linked to these FAD PReP goals and designed to test associated FAD PReP critical activities through a series of training events and increasingly complex exercises.

VS NTEP event numbers carry over year to year. Once an event is completed, the number is retired. This allows the VS NTEP to maintain an accurate list of events that have been conducted in the past.

The VS NTEP initiative was established in FY 2014 within the VS Strategy and Policy unit in close collaboration with the VS Program Support Services unit. A top priority for the program continues to be institutionalizing the initiative into a sustainable VS NTEP, including its organization, mission, goals, functions, resources, and budget processes.

### **Priority 1: Build the VS NTEP Program**

| <b>Objective 1.1. Institutionalize the VS NTEP within VS.</b>  |   |                 |
|--|---|-----------------|
| <b>Event</b>   | <b>Justification</b>  | <b>Timeline</b> |
| Event 1.1.1. Advance the plans to organize, hire VS personnel, and acquire other necessary resources to support and sustain the program.                   | This Event is critical to the maintenance and success of the VS NTEP.                       | FY 2022-2024    |
| Event 1.1.2. VS NTEP team conducts a VS TEPW each spring to identify the VS NTEP strategy, priorities, objectives, and resources for the next three years. | This Event is in accordance with HSEEP guidance and critical to the success of the VS NTEP. | FY 2022-2024    |

| Objective 1.1. Institutionalize the VS NTEP within VS.  |  |              |
|---|--|--------------|
| Event   | Justification  | Timeline     |
| Event 1.1.3. Publish a multi-year VS TEP each year by October 1.  | This Event is in accordance with HSEEP guidance and critical to the success of the VS NTEP.        | FY 2022-2024 |
| Event 1.1.4. Implement the updated VS NTEP beginning October 1 of each year.  | This Event is in accordance with HSEEP guidance and critical to the success of the VS NTEP.        | FY 2022-2024 |
| Event 1.1.5. Assess technologies and processes to support virtual training and exercises.<br>a. Monitor technologies that could assist in the advancement of the VS NTEP Mission.<br>b. Make a catalog of technologies available and associated costs for references. | This Event was first initiated in FY 2015 for exercises only and now encompasses training as well. | FY 2022-2024 |
| Event 1.1.6. Assist VS personnel to participate in external stakeholder exercises and trainings.  | <b>Formerly Event 3.3.6.</b> Expanded to include training at the FY 2018 VS TEPW.                  | FY 2022-2024 |

| Objective 1.2. Solicit input for T&E planning.   |   |              |
|--|---|--------------|
| Event  | Justification   | Timeline     |
| Event 1.2.1. Request feedback and input from all VS units and external stakeholder emergency responders on the VS NTEP priorities, objectives, and events for consideration in the VS TEP. | This Event is essential to synchronize the VS TEP with the needs of the VS program and external stakeholder emergency responders. | FY 2022-2024 |
| Event 1.2.3. Market, promote, and raise awareness of the VS NTEP to VS and external stakeholder emergency responders.  | <b>Formerly Event 2.2.1.</b> This is an essential part of maintaining interest in, and institutionalizing the VS NTEP.            | FY 2022-2024 |

| <b>Objective 1.3. Adopt a process for VS NTEP improvement planning.</b>  |   |                 |
|--|---|-----------------|
| <b>Event</b>   | <b>Justification</b>  | <b>Timeline</b> |
| Event 1.3.1. Maintain an effective CAP to ensure that improvement plans from responses and exercises are implemented, corrective actions are tracked to completion, and tangible preparedness improvements are documented, distributed, and implemented. Corrective action items are prioritized and brought to VS TEPW. | This Event was modified at the FY 2019 VS TEPW to focus on the development of CAPs specific to exercises. A program has already been developed focused on emergency response events. This is an essential part of maintaining the continual improvement of VS capabilities. | FY 2022-2024    |

| <b>Objective 1.4. Market, promote, and sustain completed VS NTEP events.</b>          |   |                 |
|---|---|-----------------|
| <b>Event</b>  | <b>Justification</b>  | <b>Timeline</b> |
| Event 1.4.1. Market and maintain exercise materials previously developed by the NTEP. | States, agencies, and other stakeholders should be encouraged to utilize existing exercises. A complete list of items available for use is available in Appendix D. | FY 2022-2024    |
| Event 1.4.2. Market webinars previously developed by the NTEP.                        | States, agencies, and other stakeholders should be encouraged to utilize existing webinars. A complete list of items available for use is available in Appendix D.  | FY 2022-2024    |

| <b>Objective 1.5. Support efforts of the National Animal Disease Preparedness and Response Program (NADPRP).</b>   |  |                 |
|--|--|-----------------|
| <b>Event</b>   | <b>Justification</b>   | <b>Timeline</b> |
| Event 1.5.1. TEP workgroup members support the National Animal Disease Preparedness and Response Program (NADPRP) by engaging with State partners, volunteering to support review of proposals, and supporting project plans approved by the NADPRP for implementation | VS NTEP workgroup member experience with training and exercises is key to supporting NADPRP. | FY 2022-2024    |

## Priority 2: Train VS and External Stakeholder Emergency Responders

| Objective 2.1. Leverage existing training and exercise programs to raise awareness and encourage participation.  |  |              |
|--|--|--------------|
| Event  | Justification  | Timeline     |
| Event 2.1.3. Encourage participation in the European Commission for the Control of Foot-and-Mouth Disease (EUFMD) and African Swine Fever courses. There is an online and field course available.                                    | This course was discussed at the FY 2017 VS TEPW as an educational opportunity open to VS staff. Starting in FY 2020, funding for VS personnel to attend a virtual training customized for Canada is provided.                     | FY 2022-2024 |
| Event 2.1.5. Identify training applicable to FAD response and raise awareness on the availability of the training. Include update of VS Guidance on FADD continuing education to incorporate TEP FADD Drills                         | This Event came out of the FY 2019 VS TEPW. Specifically, there was a discussion on available training on biosecurity, epidemiological investigations, and response mental health issues that could be utilized by FAD responders. | FY 2022-2023 |
| Event 2.1.7. Develop and deliver a virtual training series on the building blocks of the Homeland Security Exercise and Evaluation Program (HSEEP). Topics will include conducting an exercise, writing an after-action report, etc. | This Event was suggested at the FY 2021 VS TEPW. <b>New Event for FY 2022.</b>   | FY 2022-2023 |
| Event 2.1.8. Develop and deliver a virtual training series focusing on best practices when developing foreign animal disease response plans.   | This Event was suggested at the FY 2021 VS TEPW. <b>New Event for FY 2022.</b>   | FY 2022-2023 |

| <b>Objective 2.2. Identify training needs, develop training materials, and deliver training for FAD/EDI preparedness and response.</b>   |  |   |
|--|--|---|
| <b>Event</b>   | <b>Justification</b>   | <b>Timeline</b>                           |
| Event 2.2.2. Develop and deliver practical field communication and outreach training for FAD/EDI response situations with a focus on responder communication with impacted individuals. (case manager).          | In FY 2020, this Event was adjusted to address training needs on how to develop outreach materials, organize community meetings, and other communication roles during a response. This Event will focus on skills utilized by Wildlife Services in approaching the public. | FY 2022-2023 (Develop), FY 2024 (Deliver) |
| Event 2.2.9. Develop and deliver animal health-specific ICS training scenario complex enough to use for ICS 420 courses, for VS (including non-IMT personnel) and external stakeholder emergency responders.     | This Event came out of the FY 2019 VS TEPW. Discussion included developing an animal health-specific scenario, like 'Central City' for ICS training and encouraging VS NIMTs to participate in ICS 420.  | FY 2022 (Develop), FY 2023 (Deliver)      |
| Event 2.2.15. IMT-Plus task-specific training: Develop and deliver carcass composting training for Composting Subject Matter Experts (SME).  | This Event addresses lessons learned from the 2015 HPAI emergency response and the COVID processing capacity slowdown.   | FY 2022-2024                              |
| Event 2.2.22. Provide depopulation training for VS District personnel. Training may include foam units, whole-house gassing, and options for other species, such as captive bolt.                                | This Event is a follow-up Event from FY 2016. NVS and VS District personnel began training together in FY 2017.  | FY 2022-2024                              |
| Event 2.2.25. Deliver monthly, one-hour webinars on general response and disease issues. These will be designed for VS and external stakeholders.  | This Event was added in response to the 2016 VS NTEP solicitation for input. Webinars generate an average attendance of 200 to 300 VS personnel and external stakeholders.   | FY 2022-2024                              |
| Event 2.2.28. Maintain a FAQ page on FAD PReP site, the VS NTEP SharePoint site, FAD Eye, or public site to address key VS NTEP issues. Continue to post quarterly articles on FAD Eye on specific TEP products. | This Event was first completed in FY 2018 but will require quarterly articles for FAD Eye on TEP specific Events that need to be marketed.   | FY 2022-2024                              |



| Objective 2.2. Identify training needs, develop training materials, and deliver training for FAD/EDI preparedness and response.  |  |                                      |
|--|--|--------------------------------------|
| Event  | Justification  | Timeline                             |
| Event 2.2.31. Develop and conduct quarterly conference calls to discuss decontamination/depopulation/disposal.   | <b>Formerly Event 3.1.11.</b> This Event was mentioned by VS leadership as a priority. It has now been expanded to include state responders and environmental officials. Webinars generate an average attendance of 200 to 300 VS personnel and external stakeholders. | FY 2022-2024                         |
| Event 2.2.34. Train APHIS, IMT, and District Safety Officers on the use of select NVS equipment and develop safety plans for the use of the equipment.                 | This Event was suggested at the FY 2018 VS TEPW. Safety Officers should participate in NVS drills.   | FY 2022-2024                         |
| Event 2.2.35. Conduct a series of webinars focused on behavioral health and mental health issues during a FAD response.  | This Event was suggested at the FY 2018 VS TEPW. It was expanded at the FY 2019 VS TEPW to include mental health.  | FY 2022 (Develop), FY 2023 (Deliver) |
| Event 2.2.37. Deliver EMRS training to state and district IMT personnel.   | This Event was suggested at the FY 2018 VS TEPW and confirmed as a need in Agriculture Response Management and Resources (ARMAR).  | FY 2022-2024                         |
| Event 2.2.38. Develop a pathway for personnel to develop the skills necessary to fill specific IMT-Plus positions.   | This Event was suggested at the FY 2018 VS TEPW. Those positions are found in the VS NIMT Position Descriptions document.  | FY 2022                              |
| Event 2.2.40. Develop a training program to develop potential SMEs on various topics needed during a response; for example, specific diseases, virus elimination, etc. | This Event was suggested at the FY 2018 VS TEPW. The workgroup will develop the metrics needed for an SME on three separate topics.  | FY 2022                              |
| Event 2.2.41. Develop and deliver virtual training on addressing cultural, religious, and tribal issues during a response.   | This Event was suggested at the FY 2019 VS TEPW.   | FY 2022                              |
| Event 2.2.43. Develop and deliver a series of epidemiological training courses for response personnel.   | This Event was suggested at the FY 2019 VS TEPW.   | FY 2022-2024                         |

| Objective 2.2. Identify training needs, develop training materials, and deliver training for FAD/EDI preparedness and response.  |   |              |
|--|---|--------------|
| Event  | Justification   | Timeline     |
| Event 2.2.44. Develop and deliver a biosecurity and safety training course for field responders.   | This Event was suggested at the FY 2020 VS TEPW.  | FY 2023      |
| Event 2.2.45. Develop and deliver a training on the development of a disease surveillance sampling plan using the VS Outbreak Surveillance Toolbox.  | This Event was suggested at the FY 2020 VS TEPW. The VS Outbreak Surveillance Toolbox is found here:<br><a href="https://www.aphis.usda.gov/aphis/ourfocus/animalhealth/ceah-toolbox/home">https://www.aphis.usda.gov/aphis/ourfocus/animalhealth/ceah-toolbox/home</a> | FY 2022-2023 |
| Event 2.2.46. Develop a virtual training on how livestock producers/owners can get paid for conducting depopulation and disposal activities.   | This Event was suggested at the FY 2020 VS TEPW. The training will utilize the use of the new SAM-generated unique entity identifier. <sup>5</sup>  | FY 2022-2023 |
| Event 2.2.47. Develop and deliver a training about animal disease traceability for various species of livestock, industries, and regions of the United States. Training will include the use of EMRS, Certificates of Veterinary Inspection, animal identification, animal movements, and livestock markets. | This Event was suggested at the FY 2021 VS TEPW and will be conducted with support from Animal Disease Traceability staff and Animal Identification Coordinators. <b>New Event for FY 2022.</b>   | FY 2022-2023 |
| Event 2.2.48. Develop and deliver a training on active observational surveillance. The training will include the clinical scoring tool.  | This Event was suggested at the FY 2021 VS TEPW. <b>New Event for FY 2022.</b>  | FY 2022-2023 |
| Event 2.2.49. Develop and deliver a training on surveillance strategies for vector-borne diseases.   | This Event was suggested at the FY 2021 VS TEPW. This Event will utilize lessons learned from the New World Screwworm response. <b>New Event for FY 2022.</b>   | FY 2022-2023 |

<sup>5</sup> <https://interact.gsa.gov/blog/government-transition-duns-number-new-unique-entity-identifier-extended>

| <b>Objective 2.2. Identify training needs, develop training materials, and deliver training for FAD/EDI preparedness and response.</b> |  |                 |
|--|--|-----------------|
| <b>Event</b>   | <b>Justification</b>   | <b>Timeline</b> |
| Event 2.2.50. Develop and deliver a training on developing a OneHealth incident response plan and communication plan.                  | This Event was suggested at the FY 2021 VS TEPW. This Event will require support from the Office of Interagency Coordination OneHealth Office. <b>New Event for FY 2022.</b> | FY 2023-2024    |

| <b>Objective 2.4. Train on new and emerging animal disease FAD PReP documents.</b>   |   |                 |
|--|---|-----------------|
| <b>Event</b>   | <b>Justification</b>  | <b>Timeline</b> |
| Event 2.4.3. Develop FAD PReP documents inquiry games and tools.   | This Event was identified at the FY 2017 VS TEPW to introduce and educate individuals about the FAD PReP documents. | FY 2022-2024    |
| Event 2.4.4. Develop and deliver training on the FAD PReP guidance for outbreak surveillance for backyard flocks.  | This Event was suggested at the FY 2019 VS TEPW.  | FY 2022         |
| Event 2.4.5. Develop and deliver a training on new VS policies for FAD Response. Training will include a review of the 72-hour movement standstill/management movement policy. | This Event was suggested at the FY 2021 VS TEPW. <b>New Event for FY 2022.</b>                                      | FY 2022-2023    |

| <b>Objective 2.5. Create a model for ICS position-specific on-the-job training to facilitate emergency preparedness and response training for VS and external stakeholder emergency response personnel.</b> |  |                 |
|---|--|-----------------|
| <b>Event</b>  | <b>Justification</b>   | <b>Timeline</b> |
| Event 2.5.1. Provide on-the-job training opportunities for VS NIMT positions.   | This Event was identified at the 2014 VS TEPW and again during the 2018-19 vND response.                                   | FY 2022-2024    |
| Event 2.5.4. Develop and deliver a checklist of just-in-time response orientation trainings for new-hires.  | This Event was suggested at the FY 2021 VS TEPW and will involve working with those who have attended Training Coordinator | FY 2022         |

|  |  |  |
|--|--|--|
|  | training offered by PPT. <b>New Event for FY 2022.</b> |  |
|--|--|--|

**Priority 3: Exercise VS and External Stakeholder Emergency Responder Capabilities**

| <b>Objective 3.1. Conduct discussion-based exercises to validate emergency preparedness and response plans and capabilities.</b>   |   |  |
|--|---|--|
| <b>Event</b>   | <b>Justification</b>  | <b>Timeline</b>  |
| Event 3.1.4. Conduct a Livestock Market Emergency Response Plan Workshop in every VS District (virtual).   | This Event is a follow-up to the FY 2015 micro-grant for FY 2015 Event 3.1.1. For FY 2022, it will focus on implementation at the market level and will prioritize districts that have not had the training recently. The workgroup will develop a metric to assess the effectiveness of the virtual workshop platform. | FY 2022  |
| Event 3.1.7. Conduct VS IMT development activities.  | This Event addresses lessons learned from the 2015 VS IMT Workshop and was recommended by all VS IMTs. It is a follow-up Event to the FY 2016 VS IMT position-specific training. After-action items from the ARMAR exercise and vND response will be incorporated into this Event.                                      | FY 2022-2024   |
| Event 3.1.10. Develop and conduct an exercise series (workshop, TTX, drills, and functional exercise) on deploying vaccine on a large scale.   | This Event was confirmed as a priority during ARMAR. The Event workgroup will develop a package of materials for states/districts to develop vaccination deployment plans and test the plans using a TTX.   | FY 2022 (Deliver drill),<br>FY 2023-2024 (Additional exercise options) |
| Event 3.1.12. Coordinate with NAHLN to:<br>a. Support continued engagement of the NAHLN into VS NTEP exercises.<br>b. Educate the response community on NAHLN capabilities through webinars and information sharing. NAHLN and VS NTEP will work together on this. | This Event was identified by VS leadership as a priority. As the VS NTEP develops exercises, an effort will be made to include NAHLN and FADDL in the Events.   | FY 2022-2024   |

| <b>Objective 3.1. Conduct discussion-based exercises to validate emergency preparedness and response plans and capabilities.</b>  |   |                                      |
|---|---|--------------------------------------|
| <b>Event</b>  | <b>Justification</b>  | <b>Timeline</b>                      |
| Event 3.1.14. Develop and deliver discussion-based virtual exercise materials that VS Districts can use for Poultry Depopulation Group Supervisors and Poultry Carcass Disposal Coordinators. | <b>Formerly Event 3.2.5.</b> This Event is a follow-up to the FY 2016 Poultry Depopulation Group Supervisor and Poultry Carcass Disposal Coordinator position-specific training. <b>Connected to Event 2.2.11.</b>  | FY 2022 (Develop),<br>2023 (Deliver) |
| Event 3.1.16. Develop and conduct a behavioral health TTX looking at response associated with horses and other livestock or poultry viewed as pets.   | This Event was suggested at the FY 2018 VS TEPW. <b>Connected to Event 2.2.35.</b>  | FY 2023                              |
| Event 3.1.17. Develop and conduct an exercise series focused on implementing the Secure Food Supply plans.  | This Event was suggested at the FY 2018 VS TEPW as a follow-on to ARMAR. Priority in FY 2022 will be the development of a Secure Poultry and Egg Supply exercise series. VS NTEP has materials available for Secure Milk Supply, Secure Pork Supply, and Secure Beef Supply implementation. | FY 2022-2024                         |
| Event 3.1.18. Develop and conduct an exercise series dealing with responding to large feedlots (>50,000 head) infected with FMD.  | This Event was suggested at the FY 2019 VS TEPW as a follow-on to ARMAR. The first part of the series should be a VS policy workshop, followed by a state workshop and potentially a TTX. A policy workshop should be conducted in FY 2022 (virtual).                                       | FY 2022-2023                         |
| Event 3.1.19. Develop and conduct an exercise series dealing with epidemiological skills for response personnel.  | This Event was suggested at the FY 2019 VS TEPW. <b>Connected to Event 2.2.43.</b>  | FY 2023                              |
| Event 3.1.20. Develop and deliver an exercise on responder communication with impacted individuals.   | This Event was suggested at the FY 2019 VS TEPW. This Event will focus on skills utilized by Wildlife Services in approaching the public. <b>Connected to Event 2.2.2.</b>  | FY 2023                              |

| <b>Objective 3.1. Conduct discussion-based exercises to validate emergency preparedness and response plans and capabilities.</b>                           |  |                                      |
|--|--|--------------------------------------|
| <b>Event</b>   | <b>Justification</b>   | <b>Timeline</b>                      |
| Event 3.1.21. Develop and deliver an exercise series for dealing with and responding to livestock markets involved with a foreign animal disease outbreak. | This Event was suggested at the FY 2020 VS TEPW. <b>Connected to Event 3.1.4</b>   | FY 2022 (Develop), FY 2023 (Deliver) |
| Event 3.1.22. Develop and deliver an exercise series for identifying and managing control areas.   | This Event was suggested at the FY 2020 VS TEPW.   | FY 2022-2024                         |
| Event 3.1.23. Develop and deliver a regional animal movement standstill exercise.  | This Event was suggested at the FY 2020 VS TEPW. This will be built off the previously completed movement standstill workshop and TTX. | FY 2023                              |
| Event 3.1.24. Develop and deliver a One Health workshop on emerging diseases with a zoonotic impact.   | This Event was suggested at the FY 2021 VS TEPW due to issues encountered with COVID. <b>New Event for FY 2022.</b>                    | FY 2022-2023                         |
| Event 3.1.25. Develop and deliver a drill using the disposal dashboard <sup>6</sup> to create site-specific disposal plans.                                | This Event was suggested at the FY 2021 VS TEPW. <b>New Event for FY 2022.</b>   | FY 2022-2023                         |
| Event 3.1.26. Develop and deliver an exercise series dealing with FMD response, including vaccinate management with the beef packing industry.             | This Event was suggested at the FY 2021 VS TEPW. <b>New Event for FY 2022.</b>   | FY 2022-2024                         |

<sup>6</sup> <https://www.aphis.usda.gov/aphis/ourfocus/animalhealth/emergency-management/carcass-management/carcass>

| <b>Objective 3.2. Conduct a series of drills and functional exercises to validate specific operational procedures and functions.</b>  |  |                 |
|---|--|-----------------|
| <b>Event</b>  | <b>Justification</b>   | <b>Timeline</b> |
| Event 3.2.2. Develop drill materials for FADDs to validate procedures for the field investigation of potential FAD/EDIs and data entry into the training module of EMRS 2.0. In FY 2021, an equine drill was completed. A poultry drill is planned for FY 2022. | This Event addresses a gap outlined in the FY 2015 VS NTEP solicitation for input and will provide opportunities to practice knowledge and skills in a no-fault learning environment. The Event was started in FY 2016 and implementation and development will continue in FY 2021-2023. | FY 2022         |
| Event 3.2.7. Working with NVS, develop and pilot drills to test the use of NVS animal handling equipment.   | This Event was identified at the 2018 VS TEPW. <b>Connected to Event 2.2.34.</b>   | FY 2023-2024    |
| Event 3.2.8. Provide support to Emergency Coordinators or other VS personnel to develop and deliver appropriate TTXs or drills within the states they support. These TTXs or drills must support the goals and objectives of the VS NTEP.                       | This Event was started in FY 2018. At the FY 2019 VS TEPW, it was decided to expand the workgroup to create a larger group of mentors to assist personnel in implementing the exercise.  | FY 2022-2024    |
| Event 3.2.9. Develop and conduct a virtual drill on above-ground burial.  | This Event was identified at the 2019 VS TEPW to allow individuals to practice their skills to ensure they are prepared for a response.  | FY 2022         |
| Event 3.2.10. Develop and deliver a drill on permitting interstate movement of livestock during an animal disease outbreak  | This Event was suggested at the FY 2019 VS TEPW.   | FY 2022         |
| Event 3.2.11. Develop and deliver a drill to complete a herd plan in each applicable species.   | This Event was suggested at the FY 2021 VS TEPW. <b>New Event for FY 2022.</b>   | FY 2022-2024    |

| Objective 3.3. Participate and engage in training and exercises sponsored by or in collaboration with external stakeholder emergency responders that support the VS NTEP strategy.  |  |              |
|---|--|--------------|
| Event   | Justification  | Timeline     |
| Event 3.3.4. Develop and conduct a joint state and VS multi-day functional exercise (Foreign Animal Disease Southern Agriculture Functional Exercise [FADSAFE]). The exercise will engage VS and the Southern Animal Health Association states. | This Event is a follow up to the ARMAR exercise in FY 2018. Exercise will test plans and procedures for response to a FAD outbreak, as well as corrective actions implemented after the FY 2018 ARMAR functional exercise. At the FY 2020 VS TEPW, the timeline was moved up to FY 2022.   | FY 2022      |
| Event 3.3.9. Develop and deliver EMRS Drill Materials to build on the skills learned in EMRS training.  | Follow up to Event 2.2.12. The first EMRS Drill was delivered in FY 2018; more are planned.<br><b>Connected to Event 2.2.37.</b>   | FY 2022-2024 |
| Event 3.3.11. Develop drill materials for Composting SMEs to build on the Composting SME training.  | Follow up to Event 2.2.15. At the FY 2019 VS TEPW, the discussion included modifying a drill conducted previously in Georgia to assist with this Event. The drill should meet all the requirements to become an SME. The workgroup will also focus on identifying opportunities for training for Composting SMEs.<br><b>Connected to Event 2.2.15.</b> | FY 2022      |
| Event 3.3.12. Develop exercises focused on African Swine Fever (ASF) response.  | This Event was identified by VS leadership as a priority.  | FY 2022-2024 |



## Appendix A: VS National Training and Exercise Team FY 2021

| VS National Training and Exercise Program Co-Leads |                 |  |
|--|-----------------|--|
| First Name   | Last Name       | Representative Organization  |
| Liz  | Fernandez       | VS Resources, People and Services, People Operations, Professional People Training |
| Barbara  | Porter-Spalding | VS Strategy and Policy, National Preparedness and Incident Coordination Center     |

| VS National Training and Exercise Program VS Members |               |  |
|--|---------------|--|
| First Name   | Last Name     | Representative Organization  |
| Brian  | Archer        | VS Field Operations, Logistics Center  |
| Edgardo  | Arza          | VS Strategy and Policy, Office of Interagency Coordination, International Animal Health Liaison  |
| Tim  | Boyer         | VS Strategy and Policy, Center for Epidemiology and Animal Health                                |
| Becky  | Brewer-Walker | VS NIMT - Green / VS Field Operations, District 4 AVIC (Oklahoma/Arkansas)                       |
| Sierra   | Burrell       | VS Strategy and Policy, Office of Interagency Coordination, CDC Liaison                          |
| Fredric  | Cantor        | VS Field Operations, District 1, Emergency Coordinator   |
| Bruce  | Carter        | VS Diagnostics and Biologics, Center for Veterinary Biologics                                    |
| Stephanie  | Cox           | VS Field Operations, Field Epi Investigations Unit   |
| Joanna   | Davis         | VS Field Operations, Logistics Center  |
| Curt   | Degeyter      | VS Field Operations District 4, Emergency Coordinator  |
| Robert   | Dickens       | VS Strategy and Policy, National Animal Disease Traceability and Veterinary Accreditation Center |
| Julie  | Gauthier      | VS Strategy and Policy, Avian, Swine, & Aquatic Health Center, Avian Director                    |
| Kristen  | Higgins       | VS Resources, People and Services, People Operations, Professional People Training               |
| Nicki  | Humphrey      | VS Strategy and Policy, Swine Health Center  |
| Dawn   | Hunter        | VS Field Operations, Veterinary Export Trade Services  |
| Michael  | Kornreich     | VS NIMT - Blue / VS Field Operations, District 1 AVIC (Pennsylvania/New York/New Jersey)         |
| Christina  | Loiacono      | VS Diagnostics and Biologics, National Animal Health Laboratory Network                          |
| Tyler  | McAlpin       | VS Strategy and Policy, Cattle Health Center   |
| Jennifer   | McDougle      | VS Field Operations, District 3 (California)   |

| <b>VS National Training and Exercise Program VS Members</b> |                  |  |
|---|------------------|--|
| <b>First Name</b>   | <b>Last Name</b> | <b>Representative Organization</b>   |
| Lori  | Miller           | VS Strategy and Policy, Office of Interagency Coordination                                 |
| Mike  | Pruitt           | VS Field Operations, District 4 Director   |
| Anna  | Ruman            | VS Field Operations, District 2 Emergency Coordinator                                      |
| Melburn   | Stephens         | VS NIMT - Red / VS Field Operations, District 1 Emergency Coordinator                      |
| Rodney  | White            | VS Field Operations, Logistics Center  |
| Beth  | Wittenbrader     | VS NIMT - Green Safety Officer / VS Field Operations, District 1, Animal Health Technician |
| Jon   | Zack             | VS Strategy and Policy, National Preparedness and Incident Coordination Center             |

| <b>VS National Training and Exercise Program External Stakeholder Members</b> |                  |  |
|---|------------------|--|
| <b>First Name</b>   | <b>Last Name</b> | <b>Representative Organization</b>   |
| Mike  | Booth            | USDA APHIS Investigative and Enforcement Services  |
| Terry   | Clark            | APHIS Tribal Relations   |
| Cheryl  | Collins          | Multi-State Partnership for Security in Agriculture / Michigan Department of Agriculture and Rural Development |
| Kevin   | Dennison         | APHIS Animal Care  |
| Craig   | Guthrie          | APHIS Plant Protection and Quarantine  |
| Joelle  | Hayden           | APHIS Legislative and Public Affairs   |
| Dennis  | Kohler           | APHIS Wildlife Services  |
| Darlene   | Konkle           | National Assembly of State Animal Health Officials, WI State Veterinarian                                      |
| Abby  | Lillpop          | Extension Disaster Education Network   |
| Kathryn   | MacDonald        | Southern Agriculture and Animal Disaster Response Alliance / Clemson Livestock and Poultry Health              |
| Dionne  | Mendoza          | APHIS EMSSD, Emergency Preparedness Branch   |
| Jonathan  | Morgan           | Canadian Food Inspection Agency  |
| Lisa  | Quiroz           | California Department of Food and Agriculture  |
| Sherry  | Shaw             | USDA Food Safety Inspection Service  |
| Carry   | Shulock-Sexton   | New England States Animal Agricultural Security Alliance / Massachusetts Department of Agricultural Resources  |
| Christine   | Sullivan         | APHIS EMSSD, ESF11   |

## Appendix B: National Preparedness Goal Core Capabilities

The following table lists the National Preparedness Goal Core Capabilities by mission area. Note that Planning, Public Information and Warning, and Operational Coordination apply to all five mission areas.

### *National Preparedness Goal Core Capabilities*

| Prevention                            | Protection  | Mitigation                              | Response                                  | Recovery                       |
|---------------------------------------|---|---|---|--------------------------------|
| Planning                              |   |   |   |                                |
| Public Information and Warning        |   |   |   |                                |
| Operational Coordination <sup>7</sup> |   |   |   |                                |
| Forensics and Attribution             | Access Control and Identity Verification                | Community Resilience                    | Critical Transportation                   | Economic Recovery              |
| Intelligence and Information Sharing  | Cybersecurity   | Long-term Vulnerability Reduction       | Environmental Response/Health and Safety  | Health and Social Services     |
| Interdiction and Disruption           | Intelligences and Information Sharing                   | Risk and Disaster Resilience Assessment | Fatality Management Services              | Housing                        |
| Screening, Search, and Detection      | Interdiction and Disruption                             | Threats and Hazard Identification       | Infrastructure Services                   | Infrastructure Systems         |
|                                       | Physical Protective Measures                            |   | Mass Care Services                        | Natural and Cultural Resources |
|                                       | Risk Management for Protections Programs and Activities |   | Mass Search and Rescue Operations         |                                |
|                                       | Screening, Search, and Detection                        |   | On-scene Security and Protection          |                                |
|                                       | Supply Chain Integrity and Security                     |   | Operational Communications                |                                |
|                                       |   |   | Public and Private Services and Resources |                                |
|                                       |   |   | Public Health and Medical Services        |                                |
|                                       |   |   | Situational Assessment                    |                                |

<sup>7</sup> Planning, Public Information and Warning, and Operational Coordination are core capabilities common to all mission areas.

The following table crosswalks the VS Emergency Preparedness and Response Critical Activities with the National Preparedness Goal Core Capabilities.

***Crosswalk Between VS Emergency Preparedness and Response Critical Activities and National Preparedness Goal Core Capabilities***

| <b>VS Emergency Preparedness and Response Critical Activities</b> | <b>National Preparedness Goal Core Capabilities</b>  |
|---|--|
| 1. Etiology and ecology   | Intelligence and information sharing; Operational communications; Operational coordination; Planning; Public and private services and resources; Public information and warning; Risk and disaster resilience assessment; Screening, search and detection; and Situational assessment. |
| 2. Case definitions   |  |
| 3. Surveillance   |  |
| 4. Diagnostics  |  |
| 5. Epidemiological investigation and tracing                      |  |
| 6. Information management   | Intelligence and information sharing; Interdiction and disruption; Operational communications; Operational coordination; Planning; Public information and warning; and Situational assessment.   |
| 7. Communication  |  |
| 8. Health and safety and personal protective equipment            | Environmental response/health and safety; On-scene security and protection; Operational coordination; Physical protective measures; Planning; Public health and medical services; and Public information and warning.  |
| 9. Biosecurity  |  |
| 10. Quarantine and movement control                               |  |
| 11. Continuity of business  | Economic recovery and community resilience; Operational coordination; Planning; Public information and warning; and Risk management for protection programs and activities.  |
| 12. Regionalization for international trade                       |  |
| 13. Mass depopulation and euthanasia                              | Environmental response/health and safety; On-scene security and protection; Operational coordination; Planning; Public health and medical services; Public information and warning; Physical protective measures; and Supply chain integrity and security.                             |
| 14. Disposal  |  |
| 15. Cleaning and disinfection                                     |  |
| 16. Vaccination   | Community resilience; Interdiction and disruption; Operational coordination; Planning; Public information and warning; Public health and medical services; Risk and disaster resilience assessment; and Risk management for protection programs and activities.                        |
| 17. National veterinary stockpile                                 | Critical transportation; Operational coordination; Planning; Public health and medical services; Public information and warning; and Supply chain integrity and security.  |

| <b>VS Emergency Preparedness and Response Critical Activities</b>       | <b>National Preparedness Goal Core Capabilities</b>  |
|---|--|
| 18. Wildlife management and vector control                              | Operational coordination; Planning; Public information and warning; Risk management for protection programs and activities; and Screening, search, and detection.  |
| 19. Animal welfare  | Operational coordination; Planning; Public and private services and resources; Public information and warning; and Risk management for protection programs and activities.   |
| 20. Modeling and assessment tools                                       | Economic recovery; Infrastructure systems; Operational coordination; Planning; Public information and warning; Risk and disaster resilience assessment; Risk management for protection programs and activities; and Supply chain integrity and security. |
| 21. Appraisal and compensation  |  |
| 22. Finance   |  |
| 23. National response framework and national incident management system | Operational coordination; Planning; Public and private service and resources; and Public information and warning.  |

Blank Page

## Appendix C: HSEEP Exercise Types

The HSEEP describes an exercise as an instrument to train for, assess, practice, and improve performance in prevention, protection, mitigation, response, and recovery capabilities in a risk-free environment. Exercises can be used for testing and validating policies, plans, procedures, training, equipment, and interagency agreements; clarifying and training personnel in roles and responsibilities; improving interagency coordination and communication; improving individual performance; identifying gaps in resources; and identifying opportunities for improvement.

### **Discussion-Based Exercises**

Discussion-based exercises focus on strategic, policy-oriented issues and can be used to familiarize players with, or develop new, plans, policies, agreements, and procedures. Facilitators and presenters usually lead the discussion, keeping participants on track toward meeting exercise objectives.

Discussion-based exercises:

- Include seminars, workshops, tabletops, and games;
- Provide a forum for discussing or developing plans, agreements, training, and procedures;
- Are generally less complicated than operations-based types;
- Typically focus on strategic, policy-oriented issues; and
- Do not involve the deployment of resources.

#### **Seminars**

A seminar is an informal discussion-based exercise led by a presenter or facilitator, used to teach or orient participants.

A seminar can:

- Orient participants to, or provide an overview of, authorities, strategies, plans, policies, procedures, protocols, resources, concepts, and ideas;
- Construct a common framework of understanding;
- Be valuable for entities that are developing or making major changes to existing plans or procedures; and
- Help gain awareness of or assess the capabilities of interagency or inter-jurisdictional operations.

Conduct Characteristics

- Casual atmosphere.
- Minimal time constraints.
- Lecture-based.

#### **Workshops**

A workshop is a formal discussion-based exercise led by a facilitator or presenter, used to build, or achieve, a product.

In a workshop, participants:

- Focus on achieving or building a product;
- Focus on a specific issue, with the desired objective, product, or goal clearly defined;
- Develop new ideas, processes, or procedures;
- Develop a written product as a group in coordinated activities;
- Obtain consensus; and
- Collect and share information.

#### Conduct Characteristics

- Involves more participant discussion than a lecture-based seminar.
- Often uses break-out sessions to explore parts of an issue with smaller focus groups.

Products that are often generated from a workshop include new SOPs, emergency operations plans, continuity of operations plans, and mutual aid agreements. Findings from the workshop should be collected into a short After-Action Report (AAR) and distributed to all parties involved. The AAR for workshops serves much like meeting minutes.

### Tabletop Exercises

A TTX facilitates conceptual understanding, identifying strengths and areas for improvement, and/or achieving changes in perception, by using a hypothetical scenario to generate discussion.

In a TTX, participants:

- Enhance general awareness;
- Validate plans and procedures;
- Rehearse concepts and/or assess systems;
- Examine areas of concern and solve problems;
- Identify strengths and shortfalls;
- Seek to change existing attitudes and perspectives; and
- Make decisions in a no-fault environment.

#### Conduct Characteristics

- Requires experienced facilitators.
- In-depth discussion.
- Slow-paced problem-solving.
- Basic or complex design.

The purpose of a TTX is to test existing plans, policies, or procedures without incurring the costs associated with deploying resources. A TTX also allows participants to thoroughly work through a problem without feeling as much pressure as they would in an operations-based exercise.

### Games

A game is a simulation of operations using rules, data, and procedures designed to depict an actual or assumed real-life situation.

In a game, participants:



- Explore the processes and consequences of decision-making;
- Conduct "what-if" analyses of existing plans; and
- Test existing and potential strategies.

#### Conduct Characteristics

- Does not involve the use of actual resources.
- Often involves two or more teams.
- Includes models and simulations of increasing complexity as the game progresses.

### **Operations-Based Exercises**

Operations-based exercises are characterized by the actual reaction to an exercise scenario, such as initiating communications or mobilizing personnel and resources.

These types of exercises:

- Involve deployment of resources and personnel;
- Are more complex than discussion-based types;
- Require execution of plans, policies, agreements, and procedures;
- Clarify roles and responsibilities;
- Identify resource gaps; and
- Improve individual and team performances.

#### **Drills**

A drill is a coordinated, supervised activity to validate a specific function or capability in a single agency or organization.

In a drill, participants:

- Gain training on new equipment;
- Validate procedures;
- Practice and maintain skills;
- Determine if plans can be executed as designed; and
- Prepare to collaborate in more complex exercises.

#### Conduct Characteristics

- Timed event.
- Immediate feedback.
- Realistic but isolated environment.

#### **Functional Exercises**

A functional exercise (FE) is typically focused on exercising plans, policies, procedures, and staff members involved in management, direction, command, and control functions.

In an FE, participants:

- Validate and evaluate capabilities, multiple functions and/or sub-functions, or interdependent groups of functions;

- Respond to an exercise scenario with event updates in a realistic, real-time environment; and
- Assess the adequacy of response plans and resources.

#### Conduct Characteristics

- Requires experienced controllers using a Master Scenario Events List.
- Often uses simulators in a simulation cell.
- Simulates deployment of resources and personnel.
- Rapid problem-solving.
- Highly stressful environment.
- Involves multiple functions.

### **Full-Scale Exercises**

A full-scale exercise (FSE) is a high-stress multi-agency, multi-jurisdictional activity involving the actual deployment of resources in a coordinated response as if a real incident had occurred.

#### In an FSE, participants:

- Respond to complex and realistic problems that require critical thinking, rapid problem-solving, and effective responses by trained personnel;
- Operate under cooperative systems such as the incident command system or unified command; and
- Assess plans and procedures under crisis conditions.

#### Conduct Characteristics

- Most complex and resource-intensive type of exercise.
- Mobilizes personnel and equipment to the scene.
- Real-time, stressful environment intended to mirror a real incident.
- Events projected through an exercise scenario with event updates that drive activity at the operational level.
- Many activities occur simultaneously.

## Appendix D: Available Trainings and Exercises

### Webinars

| Webinars available on the VS NTEP Video Gallery <sup>8</sup>                                      |            |                   |
|---|------------|-------------------|
| Title   | Date       | Length            |
| National Training and Exercise Program  | 1/15/2016  | Run-time: 38:21   |
| Update on the Secure Food Supply Plans  | 7/12/2016  | Run-time: 58:33   |
| Secure Poultry Supply Plan  | 9/8/2016   | Run-time: 38:12   |
| Secure Milk Supply Plan   | 10/25/2016 | Run-time: 53:42   |
| Secure Beef Supply Plan   | 11/17/2016 | Run-time: 51:25   |
| Secure Pork Supply Plan   | 12/13/2016 | Run-time: 46:53   |
| EMRS Permitting using the EMRS Gateway  | 1/24/2017  | Run-time: 1:08:21 |
| Veterinary Services Training and Exercise Plan  | 2/16/2017  | Run-time: 38:21   |
| Florida New World Screwworm Incident  | 2/23/2017  | Run-time: 1:10:30 |
| Train to Contain  | 3/7/2017   | Run-time: 40:49   |
| FAD Drill Overview  | 4/18/2017  | Run-time: 59:16   |
| What is FAD EYE?  | 5/23/2017  | Run-time: 28:56   |
| Implementing Enhanced Biosecurity during a FAD Outbreak   | 6/6/2017   | Run-time: 1:07:19 |
| National Veterinary Stockpile Overview  | 6/21/2017  | Run-time: 57:15   |
| EMRS 2 Go Mobile Application Software   | 8/10/2017  | Run-time: 1:04:23 |
| Foreign Animal Diseases 101   | 8/24/2017  | Run-time: 55:02   |
| Enhanced Biosecurity in Confined Poultry  | 9/19/2017  | Run-time: 57:11   |
| NVS Dev. of CO2 Whole House Gassing for Emergency Depopulation of Poultry                         | 10/3/2017  | Run-time: 1:06:21 |
| Foreign Animal Disease Diagnostician Continuing Education Opportunities                           | 10/26/2017 | Run-time: 28:10   |
| Overview of the Dairy Industry  | 11/2/2017  | Run-time: 1:11:55 |
| How California is Implementing the Secure Food Supply Program                                     | 11/14/2017 | Run-time: 57:08   |
| Emergency Management Response System Permitting During a Foreign Animal Disease Response          | 1/4/2018   | Run-time: 57:25   |
| USDA APHIS Carcass Management Discussion Group for State Agricultural and Environmental Officials | 1/23/2018  | Run-time: 50:08   |
| Roles of the Case & Site Manager and Field Reimbursement Specialist during an ADR Incident        | 1/30/2018  | Run-time: 58:07   |
| Niche Stakeholder Working Group   | 3/13/2018  | Run-time: 37:25   |
| Carcass Management Basics   | 3/13/2018  | Run-time: 56:58   |

<sup>8</sup> [https://www.aphis.usda.gov/aphis/ourfocus/animalhealth/sa\\_training\\_and\\_development/vstep/vstep-webinars](https://www.aphis.usda.gov/aphis/ourfocus/animalhealth/sa_training_and_development/vstep/vstep-webinars)

| <b>Webinars available on the VS NTEP Video Gallery<sup>8</sup></b>                          |             |                   |
|---|-------------|-------------------|
| <b>Title</b>  | <b>Date</b> | <b>Length</b>     |
| Overview of the Incident Command System Planning Cycle Part 1                               | 3/15/2018   | Run-time: 47:54   |
| NVS Countermeasures Resource Ordering   | 4/5/2018    | Run-time: 53:47   |
| Agriculture Resource Management and Response Exercise Review                                | 4/5/2018    | Run-time: 36:09   |
| Supplemental Cooperative Agreements and Other Finance Issues Associated with a FAD Response | 4/24/2018   | Run-time: 1:01:52 |
| Overview of the Incident Command System Planning Cycle Part 2                               | 5/1/2018    | Run-time: 59:42   |
| Overview of the Incident Command System Planning Cycle Part 3                               | 5/2/2018    | Run-time: 55:00   |
| Resource Ordering II – Personnel and Vaccine  | 5/3/2018    | Run-time: 49:03   |
| Heartwater Disease Overview, Etiology and Ecology   | 5/22/2018   | Run-time: 1:11:57 |
| Overview of the Swine Industry  | 6/14/2018   | Run-time: 1:05:33 |
| Strengthening Collaborations for State and Federal One Health Approaches to Avian Influenza | 7/11/2018   | Run-time: 58:56   |
| African Swine Fever (ASF): Clinical Presentation and Diagnosis                              | 10/11/2018  | Run-time: 59:20   |
| Operationalizing the Secure Milk Supply Plan: A State's Perspective                         | 10/18/2018  | Run-time: 1:05:46 |
| Phases and Types of an African Swine Fever Outbreak in the US                               | 11/26/2018  | Run-time: 54:58   |
| African Swine Fever (ASF): Biosecurity  | 12/18/2018  | Run-time: 55:19   |
| Operationalizing the Secure Beef Supply Plan: State's Perspective                           | 2/12/2019   | Run-time: 57:08   |
| Global African Swine Fever Situation  | 3/4/2019    | Run-time: 1:17:44 |
| Standstill  | 3/15/2019   | Run-time: 1:17:48 |
| African Swine Fever Communications and Messaging  | 3/22/2019   | Run-time: 53:45   |
| Complexity Analysis and Risk Assessment Tools   | 4/4/2019    | Run-time: 48:34   |
| Secure Pork Supply: How it fits into an African Swine Fever Response                        | 4/24/2019   | Run-time: 34:05   |
| OIE Global Review of National Contingency Plans   | 4/25/2019   | Run-time: 30:23   |
| New World Screwworm   | 5/2/2019    | Run-time: 1:12:02 |
| Coping with Grief and Loss During an Animal Disease Event                                   | 6/18/2019   | Run-time: 50:03   |
| African Swine Fever 3D Considerations   | 8/6/2019    | Run-time: 1:15:06 |
| African Swine Fever Herd Plan   | 8/8/2019    | Run-time: 48:44   |
| EMRS Permitting Gateway   | 8/20/2019   | Run-time: 40:48   |
| African Swine Fever Situation and Critical Biosecurity                                      | 8/29/2019   | Run-time: 67:21   |

| <b>Webinars available on the VS NTEP Video Gallery<sup>8</sup></b>  |             |                   |
|---|-------------|-------------------|
| <b>Title</b>  | <b>Date</b> | <b>Length</b>     |
| African Swine Fever Modeling and Surveillance   | 9/6/2019    | Run-time: 46:18   |
| Foot and Mouth Disease (FMD) Vaccine Prioritization   | 11/7/2019   | Run-time: 1:11:41 |
| Approval of Laboratories to Conduct Tests for EIA - VSG 15201.1   | 12/17/2019  | Run-time: 53:06   |
| Risks Associated with Food Product Disposal and the Proximity to Feral Swine and Landfills in California                      | 1/21/2020   | Run-time: 38:10   |
| Alternatives to Wet C&D and Vehicle Decon Lessons Learned   | 2/11/2020   | Run-time: 1:01:35 |
| Passive Trapping and Surveillance of New World Screwworm  | 2/12/2020   | Run-time: 55:10   |
| Preparing to Implement the Secure Beef Supply Plan  | 2/13/2020   | Run-time: 52:14   |
| Responder and Farmer Wellbeing Before, During and After an Animal Health Emergency  | 3/17/2020   | Run-time: 52:52   |
| Cornell University Bovine Necropsy Exam (Chapters 1-17)   | 3/31/2020   | Run-time: Various |
| Epidemiologic Modeling for the use of FMD Vaccine in an Outbreak  | 4/9/2020    | Run-time: 72:54   |
| Public Interface Approaches During a FAD  | 4/20/2020   | Run-time: 63:40   |
| NVAP Orientation Program  | 4/24/2020   | Run-time: 1:58:55 |
| FAD SAFE Webinar - Puerto Rico - Day One  | 4/24/2020   | Run-time: 1:33:09 |
| FAD SAFE Webinar - Puerto Rico - Day Two  | 4/24/2020   | Run-time: 2:04:09 |
| Basic Principles of Composting and USDA APHIS Protocols for In-house Composting of Turkeys During an Avian Influenza Outbreak | 4/28/2020   | Run-time: 66:31   |
| Overview of APHIS's National Veterinary Stockpile   | 5/26/2020   | Run-time: 68:10   |
| Utilizing EMRS and the Phone Bank Staff for an Animal Emergency   | 5/26/2020   | Run-time: 44:19   |
| Biosecurity for Health Farms and Healthy Agriculture  | 5/29/2020   | Run-time: 58:23   |

| <b>Webinars available on the VS NTEP SharePoint Site on FAD Eye<sup>9</sup></b> |             |               |
|---|-------------|---------------|
| <b>Title</b>  | <b>Date</b> | <b>Length</b> |
| Carcass Management and HPAI 2015  |             |               |
| Past and New Approaches for Mass Poultry Mortality Composting                   |             |               |
| Landfill Basics for Mass Carcass Disposal                                       |             |               |

<sup>9</sup> <https://usdagcc.sharepoint.com/sites/aphis-vs-fadeye>

| Webinars available on the VS NTEP SharePoint Site on FAD Eye <sup>9</sup>  |      |        |
|--|------|--------|
| Title  | Date | Length |
| Emergency Carcass Management (Landfill) Issues Facing USDA Responders  |      |        |
| Field Demonstration of Aboveground Burial as a Tool for Managing Animal Disease Carcasses                            |      |        |
| Evaluation of Chlorine Dioxide and Heat Treatment Technologies for Structural Decontamination Fall/Winter Conditions |      |        |
| Clean Harbors Mobile Thermal Cremation Unit  |      |        |
| Processing of AU Wastes at Covanta Energy-from-Waste Facility  |      |        |
| Tactics, Techniques, and Procedures (TTPs) for Depopulating Poultry Facilities Using Foam                            |      |        |
| Open-Source Undercarriage Decontamination System   |      |        |
| Emergency Response: Composting in a Brucellosis suis Outbreak  |      |        |

| Training materials available on the VS NTEP SharePoint Site on FAD Eye <sup>10</sup> |      |        |
|--|------|--------|
| Title  | Date | Length |
| HPAI Training Materials  |      |        |
| Workers' Compensation Training Materials   |      |        |

| Training materials available on the VS NTEP webpage <sup>11</sup> |      |        |
|---|------|--------|
| Title   | Date | Length |
| USDA-APHIS Workers' Compensation – Incident Management Team       |      |        |
| USDA-APHIS Workers' Compensation – Incident Orientation Training  |      |        |

## Training

| VS Professional People Training Training                               |
|--|
| Trainings developed under the VS NTEP and now available through VS PPT |
| Case Manager Training  |
| EMRS for Epidemiologists and Disease Reporting Officers                |

<sup>10</sup> <https://usdagcc.sharepoint.com/sites/aphis-vs-fadeye>

<sup>11</sup> [https://www.aphis.usda.gov/aphis/ourfocus/animalhealth/sa\\_training\\_and\\_development/vstep/vstep-webinars](https://www.aphis.usda.gov/aphis/ourfocus/animalhealth/sa_training_and_development/vstep/vstep-webinars)

|  |
|--|
| EMRS for IMT Logistics and Resource Unit Personnel |
| EMRS for IMT Operations Personnel                  |
| EMRS for State Incident Management Teams           |
| Site Manager Training                              |
| Poultry Field Reimbursement (using calculators)    |
| Transboundary Diseases of Swine                    |

## Exercises

| Materials available by contacting VS NTEP personnel         |                  |                |
|---|------------------|----------------|
| Title   | Type of Exercise | Year Developed |
| APHIS VS HSEEP Guidance                                     | Guidance         | FY 2016        |
| VS NTEP AAR/IP Template                                     | Guidance         | FY 2016        |
| State-VS Incident Command and Resource Management           | TTX              | FY 2017        |
| On-Farm Foreign Animal Disease Diagnostician (FADD) - Dairy | Drill            | FY 2017        |
| Requesting a VS NIMT and Transfer of Command                | TTX              | FY 2017        |
| On-Farm FADD - Feedlot                                      | Drill            | FY 2017        |
| On-Farm FADD - Cow/Calf                                     | Drill            | FY 2017        |
| On-Farm FADD - Swine  | Drill            | FY 2017        |
| On-Farm FADD - Dairy  | Drill            | FY 2017        |
| Agriculture Response Management and Resources (ARMAR)       | Functional       | FY 2018        |
| Agriculture Response Management and Resources (ARMAR)       | TTX              | FY 2018        |
| FADD Livestock Market Shadowing Activity                    | Seminar          | FY 2018        |
| On-Farm FADD - Livestock Market                             | Drill            | FY 2018        |
| Virtual FADD - Dairy  | Drill            | FY 2017        |
| Permitting  | Workshop         | FY 2020        |
| Secure Milk Supply  | TTX              | FY 2021        |
| State Vaccine Distribution Plan Development                 | Workshop         | FY 2021        |
| African Swine Fever Planning Activity                       | Workshop         | FY 2019        |
| African Swine Fever - "Spring Fever"                        | TTX              | FY 2019        |
| On-Farm FADD Small Ruminant                                 | Drill            | FY 2019        |
| State Standstill Plan Development                           | Workshop         | FY 2021        |
| Screwworm Response  | TTX              | FY 2019        |
| Backyard Poultry Depopulation                               | Drill            | FY 2018        |
| HPAI at a Live Bird Market                                  | Drill            | FY 2018        |
| Case and Site Manager                                       | Drill            | FY 2018        |
| Poultry Foam Depopulation                                   | Drill            | FY 2018        |
| Heartwater  | TTX              | FY 2019        |
| EMRS Drill - Views and Charts - Inspection Tasks            | Drill            | FY 2019        |

| <b>Materials available by contacting VS NTEP personnel</b>      |                         |                       |
|---|-------------------------|-----------------------|
| <b>Title</b>  | <b>Type of Exercise</b> | <b>Year Developed</b> |
| EMRS Drill - Basic Mapping                                      | Drill                   | FY 2019               |
| EMRS Drill - Situation Report (SitRep) Views and Pivot Tables   | Drill                   | FY 2019               |
| EMRS Drill - Routine Property and Fleet                         | Drill                   | FY 2019               |
| EMRS Drill - Views and Charts                                   | Drill                   | FY 2018               |
| EMRS Drill - FAD Investigations                                 | Drill                   | FY 2018               |
| EMRS Drill - EMRS2Go 214 Daily Log Entry                        | Drill                   | FY 2020               |
| EMRS Drill - EMRS2Go Foreign Animal Disease Investigation Entry | Drill                   | FY 2021               |
| EMRS Drill - Personnel and Supplies                             | Drill                   | FY 2021               |
| State Standstill Plan Development                               | TTX                     | FY 2021               |
| Unified Command   | TTX                     | FY 2017               |
| Virtual FADD - Cow/Calf   | Drill                   | FY 2017               |
| Virtual FADD - Feedlot  | Drill                   | FY 2017               |
| Virtual FADD - Swine  | Drill                   | FY 2017               |
| On-Farm FADD - Swine Farrowing                                  | Drill                   | FY 2019               |
| On-Farm FADD - Swine Nursery                                    | Drill                   | FY 2019               |
| On-Farm FADD - Swine Finishing                                  | Drill                   | FY 2019               |
| Virtual FADD - Small Ruminant                                   | Drill                   | FY 2019               |
| Secure Pork Supply  | TTX                     | FY 2021               |
| Secure Beef Supply  | TTX                     | FY 2021               |
| On-Farm FADD - Equine   | Drill                   | FY 2021               |
| Complexity Analysis and Future Planning                         | TTX                     | FY 2021               |
| African Swine Fever - Packer and Renderer Planning Activity     | Workshop                | FY 2021               |
| African Swine Fever - Individual Packer/Renderer Planning       | Workshop                | FY 2021               |
| African Swine Fever - Individual Packer/Renderer Planning       | TTX                     | FY 2021               |



## Appendix E: Closed VS NTEP Events

Currently, VS NTEP Event numbers carry over year to year. Once an Event is completed, the number is retired. This allows the VS NTEP to maintain an accurate list of Events that have been conducted in the past. In the past, VS NTEP Event numbers were reused, thus the multiple uses of the same number are shown in completed Events. The following list outlines the VS NTEP Events that have been retired.

### Priority 1: Build the VS NTEP Program

#### Objective 1.1. Institutionalize the VS T&E program within VS.

| Closed Event  | Reason for Closure  |
|---|---|
| Event 1.1.6(FY16). Develop guide sheets/checklists to facilitate the consistent development and conduct of all types of VS exercises, both discussion-based and operations-based. | APHIS VS HSEEP Guidance and associated documents were developed in FY 2016.   |
| Event 1.1.7. Support VS in evaluating systems that can document personnel emergency training and exercise experiences.  | Personnel training and exercise experiences can be tracked through the Resource Ordering and Status System (ROSS) in the Employee Qualification System. |

### Priority 2: Train VS and External Stakeholder Emergency Responders

#### Objective 2.1. Leverage existing training and exercise programs to raise awareness and encourage participation.

| Closed Event   | Reason for Closure   |
|--|--|
| Event 2.1.1. Distribute lists of available ICS courses to emergency responders on a quarterly basis and coordinate with training sponsors to determine feasibility of additional courses.  | ICS courses are available online through federal and state emergency management agency (EMA) websites. |
| Event 2.1.2. Encourage VS NIMT personnel to pursue the NIMS and APHIS training requirements distributed by APHIS EMSSD for Incident Commanders, Liaison Officers, Public Information Officers, Operations Section Chiefs, Planning Section Chiefs, Logistics Section Chiefs and Finance/Admin Section Chiefs. Encourage other emergency responders to pursue training as it relates to their ICS position. | ICS courses are available online through federal and state EMA websites.                               |

| Closed Event   | Reason for Closure  |
|--|---|
| <p>Event 2.1.2. Encourage VS NIMT personnel to pursue the NIMS and APHIS training requirements distributed by APHIS EMSSD for Position-Specific Situation Unit Leaders. Encourage other emergency responders to pursue training as it relates to their ICS position.</p> <p>a. Encourage VS NIMT Situation Unit Leaders to complete E/L 964: All-Hazards Position-Specific Situation Unit Leader training course.</p> <p>b. Encourage VS NIMT Resource Unit Leaders to complete E/L 965: All-Hazards Position-Specific Resources Unit Leader training course.</p> <p>c. Encourage VS Division/Group Supervisor emergency responders to complete the National Wildfire Coordinating Group (NWCG) S-339: Division/Group Supervisor online training course; and/or E/L 960: NIMS ICS All-Hazards Position-Specific Division/Group Supervisor training.</p> <p>d. Encourage all appropriate VS NIMT members and other VS personnel to complete Contracting Officer Representative (COR) training through the APHIS Contracting Office.</p> | <p>Event was condensed into one Event. ICS courses are available online through federal and state EMA websites.</p> |
| <p>Event 2.1.4. Customize the ICS 420 course and provide opportunities for IMTs to participate.</p>  | <p>Event was combined with Event 2.2.9. in FY 2020.</p>   |
| <p>Event 2.1.6. Develop a library of animal handling resources for just-in-time training.</p>  | <p>A collection of animal handling links was created. The library is posted on VS District SharePoint sites.</p>    |

**Objective 2.2. Identify training needs, develop training materials, and deliver training for FAD/EDI preparedness and response.**

| Closed Event   | Reason for Closure                                       |
|--|--|
| <p>Event 2.2.1. Market, promote and raise awareness of the VS NTEP to VS and external stakeholder emergency responders.</p>                                      | <p>Event was moved to Event 1.2.3.</p>                   |
| <p>Event 2.2.2(FY 14). Identify training needs, develop training materials, and deliver training for the Foreign Animal Disease Preparedness Response Plans.</p> | <p>Training needs were outlined in Objective 2.4.</p>    |
| <p>Event 2.2.2(FY 15). Conduct a FADD swine euthanasia, personal protective equipment, necropsy and sampling wet laboratory webinar.</p>                         | <p>FAD PReP webinar was conducted in January 2015.</p>   |
| <p>Event 2.2.3. Train VS and external stakeholder emergency responders on the draft FAD PReP IMT Transfer of Command Standard Operating Procedures.</p>          | <p>Transfer of Command SOP was developed in FY 2016.</p> |

| Closed Event   | Reason for Closure  |
|--|---|
| Event 2.2.3(FY 15). PPT staff promotes available training for working with law enforcement and border patrol.  | Event was closed due to higher priorities.  |
| Event 2.2.4. Post the Livestock Market Emergency Response Plan Template planning materials on the FAD PreP website.  | The Livestock Market Emergency Response Plan Training was held in Bossier City, LA, Omaha, NE, and Winchester, VA.                                      |
| Event 2.2.4(FY 15). ICS position-specific training: Kifco poultry foam unit training for emergency responders responsible for poultry depopulation.  | VS participated in the University of Delaware Poultry Depopulation Training.  |
| Event 2.2.5. Post the Livestock Market Emergency Response Plan Template planning materials on the FAD PreP website.  | Event was moved to Event 2.2.4.   |
| Event 2.2.5. Conduct a training session (one day, face-to-face) on the Livestock Market Emergency Response Plan Template in other VS Districts.  | The Livestock Market Emergency Response Plan Training was held in Bossier City, LA, Omaha, NE, and Winchester, VA. Event was combined with Event 3.1.4. |
| Event 2.2.5(FY 15). PPT staff market training opportunities to emergency responders on a quarterly basis.  | VS NTEP is advertising emergency preparedness and response courses as they become available.  |
| Event 2.2.6. Develop a training video on utilizing the iPhone for FAD investigations.  | Training is being delivered in the FADD Course at Plum Island, NY.  |
| Event 2.2.7. Leverage the FAD Eye to provide training including videos, case studies, etc.   | FAD Eye is no longer used to provide training materials.  |
| Event 2.2.8. Explore gaming technology to teach interviewing skills.   | Due to the high cost of developing games, the workgroup decided to close this Event.  |
| Event 2.2.10. Support the FBI in developing and delivering a training package on how to conduct a concurrent criminal and epidemiological FAD investigation. Training will be delivered jointly by FBI, VS, and State Animal Health personnel in each VS District. | Trainings are being held locally.   |
| Event 2.2.11. ICS task-specific training: Deliver training for Depopulation and Disposal personnel.  | Event was taken over by NVS.  |
| Event 2.2.12. Provide position-specific VS Emergency Management Response System (EMRS) 2.0 training through a variety of modalities to both VS and external stakeholder emergency responders.  | Event was taken over by VS PPT.   |

| Closed Event  | Reason for Closure  |
|---|---|
| Event 2.2.13. Develop and deliver ICS task-specific training: Case Manager Supervisor and Case Manager for infected premises. Training: oversee and educate producer on biosecurity practices and financial documents and processes. Infected premise biosecurity plans.  | Event was taken over by VS PPT.   |
| Event 2.2.14. Develop and deliver ICS task-specific training: Biosecurity manager for production facilities. Training will focus on managing biosecurity measures on infected premises with large and complex production practices. Include soft skill techniques and enforcement skills in the training. Include inventory of destroyed materials in the training. Train to create Infected Premise Biosecurity Plans. | Event was taken over by VS PPT.   |
| Event 2.2.16. Leverage materials available from other federal agencies regarding responsibilities and procedures for working with contractors and make materials available to VS personnel.   | Workgroup was unable to find materials from other federal agencies.                               |
| Event 2.2.17. Develop and deliver ICS task-specific training for cleaning and disinfection, Virus Elimination Technical Specialist. Include barn assessments, C&D, Depopulation and Disposal Group personnel in training.   | Event was rolled into Event 2.2.31.   |
| Event 2.2.18. ICS task-specific training: Deliver training for VS NIMT Logistics Section Chiefs and the Information Technology Unit Leaders addressing National Veterinary Stockpile (NVS) state inventory management file and logistics section job aids.  | NVS Training was held in FY 2015.   |
| Event 2.2.19. ICS task-specific training: Develop and deliver training for the Carcass Disposal Coordinator (for all species). Delivery will take place through the Disposal Discussion Group monthly call.   | Workgroup developed the Carcass Management Desk Reference Guide and Carcass Management Dashboard. |
| Event 2.2.20. Develop and deliver a face-to-face course focused on APHIS safety issues. Course will be designed for ICS supervisory-level personnel.  | Course was held at the FY 2017 VS NIMT Seminar.   |
| Event 2.2.21. Develop and train District-level Strike Teams and Task Forces to support response activities focusing on the 23 Critical Tasks identified by VS for FAD response.   | VS Districts developed district-level Incident Management Teams.                                  |
| Event 2.2.23. Animal welfare and handling training (multiple species). Could be multiple trainings or stand alone.  | Event was closed due to higher priorities.  |
| Event 2.2.24. Survival Skills for Working in a Multi-Disciplinary Response to Zoonotic Diseases.  | Workshop was held in FY 2017.   |

| Closed Event   | Reason for Closure   |
|--|--|
| Event 2.2.26. ICS Task Specific Training: Develop and deliver Field Reimbursement Specialist Training for swine production operations.   | Event was taken over by VS PPT.  |
| Event 2.2.27. Train Depop Group Supervisors and Disposal Coordinators to assist growers in conducting farm level and barn level assessments.   | Event was closed due to higher priorities.   |
| Event 2.2.29. Develop and deliver training on the role of future planning within the IMT structure during a FAD response.  | Complexity analysis tool was developed for use in an expanding incident. A game was developed to help participants use the complexity analysis tool. |
| Event 2.2.30. Develop a training on the 24-hour depopulation goal and policy, including a webinar to discuss ventilation shutdown criteria, procedures, and its decision tree.                               | Webinar was held on ventilation shutdown by the Indiana Board of Animal Health.  |
| Event 2.2.32. Conduct a national-level webinar, including VS, external partners, and industry stakeholders, to develop biosecurity and site-specific biosecurity plans for impacted industries and premises. | Three webinars were conducted in FY 2017-2018.   |
| Event 2.2.36. Conduct a survey to determine what information management training, beyond EMRS, is needed.  | Event was combined with Event 1.2.1. in FY 2019.   |
| Event 2.2.39. Develop and deliver an introductory carcass disposal course for district personnel.  | Course was delivered at the EC Workshop. ECs will be delivering the training to VS Districts and states.   |

**Objective 2.3. Promote and support FAD/EDI response training provided by the VS PPT.**

| Closed Event  | Reason for Closure  |
|---|---|
| Event 2.3.1(FY 14). Continue to promote and provide FAD/EDI response training through the VS PPT. | FAD/EDI response trainings are being promoted through the VS NTEP newsletter. |

| Closed Event   | Reason for Closure  |
|--|---|
| <p>Event 2.3.1. PPT will deliver new training for VS and external stakeholder emergency responders, including the private sector, on the Secure Food Supply (SFS) plans.</p> <ul style="list-style-type: none"> <li>a. SFS 101a – Overview of SFS plans for pork, milk, eggs, broilers, and turkeys.</li> <li>b. SFS 101b – Support VS engagement in state and regional planning efforts.</li> <li>c. SFS 101c – Incorporate commodity training into SFS to explain culture and structure of the participating industries.</li> <li>d. SFS 101d – Deliver commodity-specific training discussing current permitting processes in SFS systems.</li> </ul> | <p>Several webinars were conducted on SFS. SFS recorded webinars are stored on the VS NTEP webpage.</p>   |
| <p>Event 2.3.2(FY 14). Continue to train analysts and intact Incident Management Teams in Emergency Management Response System (EMRS) 2.0.</p>   | <p>Event was combined with Event 2.2.37.</p>  |
| <p>Event 2.3.2. PPT will deliver new training for VS and external stakeholder emergency responders, including the private sector, on the VS foot-and-mouth disease (FMD) vaccination policy and contingency planning.</p> <ul style="list-style-type: none"> <li>a. FMD Vaccination 101a – Basics of the VS policy, response options, and roles and responsibilities.</li> <li>b. FMD Vaccination 101b – State and regional FMD vaccination contingency planning.</li> </ul>   | <p>FAD Vaccination 101 webinar was conducted. A vaccination planning workshop has been developed and piloted. A vaccination TTX is forthcoming.</p> |
| <p>Event 2.3.3. PPT will deliver ICS task-specific training: Captive bolt training for VS and external stakeholder emergency responders responsible for livestock and poultry depopulation.</p>  | <p>Captive bolt training continues to be part of the VS PPT Program Disease Field Skills Course.</p>  |
| <p>Event 2.3.4. PPT will deliver ICS task-specific training: How emergency responders can use the California Animal Health Emergency Management System tool.</p>   | <p>Event was closed due to higher priorities.</p>   |
| <p>Event 2.3.5(FY 15). Quarterly FAD/EDI continued education distance training, e.g., disease refreshers, including tickborne FADs, novel diagnostic technologies, and screwworm response.</p>   | <p>A webinar about FAD PReP was held in FY 2015.</p>  |
| <p>Event 2.3.5. PPT will offer and deliver ICS task-specific training: Foreign animal disease diagnostician (FADD) swine sampling, PPE, FAD/EDI preparedness and response training in VS Districts.</p>  | <p>Event was closed due to higher priorities.</p>   |
| <p>Event 2.3.6(FY 15). Emergency response support roles, e.g. biosecurity and safety.</p>  | <p>Two biosecurity courses were held in FY 2015.</p>  |
| <p>Event 2.3.6. PPT will deliver ICS task-specific training: Livestock and poultry appraisal (using calculators) and compensation training within VS Districts.</p>  | <p>Training was conducted in all VS Districts.</p>  |

| Closed Event   | Reason for Closure   |
|--|--|
| Event 2.3.7. PPT will continue to deliver Foreign Animal Disease Investigation Refresher (FADIR), Foreign Animal Disease Response Refresher (FADRR), Outbreak Investigations, Geospatial, and Field Epidemiology training courses. | Courses continue to be conducted by VS PPT.                  |
| Event 2.3.8. PPT will facilitate delivery of a webinar on Workers Compensation During a Response for Finance and Administration personnel.   | Materials for the webinar are posted on the VS NTEP webpage. |
| Event 2.3.9. PPT will develop and deliver position-specific training for the IMT Training Coordinator position.  | Course continues to be conducted by VS PPT.                  |

**Objective 2.4. Train on new and emerging animal disease FAD PReP documents.**

| Closed Event   | Reason for Closure  |
|--|---|
| Event 2.4.1(FY 14-15). Develop training materials on one health core competencies and integrate them into future training Events.  | Training was held in FY 2015.   |
| Event 2.4.1. Conduct a webinar for VS and external stakeholder emergency responders on the FAD PReP Ebola Virus Disease Interim Livestock Response Plan.   | Event was closed due to higher priorities.  |
| Event 2.4.2. Develop a FAD PReP Standard Operating Procedure (SOP) on VS NIMT deployment and raise awareness with VS personnel and State Animal Health Officials on the process to request and deploy VS NIMTs. Training should include services and capabilities. Event should include webinars to discuss NIMT organization structure with state partners. | Materials developed were a state engagement SOP and Requesting a VS NIMT and Transfer of Command TTX. |

**Objective 2.5. Create a model for ICS position-specific on-the-job training to facilitate emergency preparedness and response training for VS and external stakeholder emergency response personnel.**

| Closed Event  | Reason for Closure                         |
|---|--|
| Event 2.5.1(FY 15). ICS position-specific training for Incident Commanders and Public Information Officers: Develop and deliver an annual risk communication course focused on an FAD/EDI response. | Event was combined with Event 2.2.2.       |
| Event 2.5.2. Develop a coaching/mentoring strategy to assist with training of VS NIMT personnel.  | Event was closed due to higher priorities. |
| Event 2.5.3. Develop a training that covers how an incident unfolds and the various job descriptions involved in a response.  | Event was closed due to higher priorities. |

### **Priority 3: Exercise VS and External Stakeholder Emergency Responder Capabilities**

#### **Objective 3.1. Conduct discussion-based exercises to validate emergency preparedness and response plans and capabilities.**

| Closed Event   | Reason for Closure   |
|--|--|
| Event 3.1.1(FY 14). The Science, Technology, and Analysis Services (STAS) National Veterinary Services Laboratories (NVSL) conduct a workshop to review existing NVSL and National Animal Health Laboratory Network (NAHLN) after action reports (AAR), and build an improvement plan for corrective action. | Workshop was held in FY 2014.  |
| Event 3.1.1(FY 15). Livestock market emergency response plan template and workshop.  | The Livestock Market Emergency Response Plan Training was held in Bossier City, LA, Omaha, NE, and Winchester, VA. Event was moved to Event 3.1.4. |
| Event 3.1.1. One Health workshops that build on the One Health Systems Mapping and Analysis Resource Toolkit (OH-SMART) training received. In FY 15 this Event was moved from its designator of 3.1.5.   | Workshop for state and federal partners involved in implementing monitoring of HPAI responders for influenza-like illness conducted in FY 2016.    |
| Event 3.1.2(FY 14-15). National Animal Health Laboratory Network FMD laboratory receiving/accessioning drill.  | NAHLN lab FMD sample receiving and accessioning drill was conducted in FY 2015.  |
| Event 3.1.2. Provide tabletop exercises (TTX) to evaluate the processes to request the support of a VS NIMT, integrate a VS NIMT with state resources, and transfer command between teams.   | Requesting a VS NIMT and Transfer of Command TTX conducted in FY 2017.   |
| Event 3.1.3(FY 14). VS T&E planning team conduct a workshop to evaluate existing AARs and real emergencies, and build an improvement plan for corrective actions.  | VS training and exercise improvement plan developed in FY 2014.  |
| Event 3.1.3(FY 15). Two-day national workshop for incident management teams to build draft SOPs for transfer of incident command.  | VS NIMT Seminar/Workshop was held in FY 2015 and FY 2016. State Engagement SOP was developed.  |
| Event 3.1.3. Deliver a TTX, in cooperation with external stakeholder emergency responders, to assess the emergency preparedness capabilities to respond to a screwworm outbreak.   | New World Screwworm TTX was developed and conducted in FY 2019.  |
| Event 3.1.4(FY 14). Conduct TTXs in each of the new SPRS Districts on the mobilization, integration, and transfer of command between IMTs.   | Event was closed due to higher priorities.   |



| Closed Event   | Reason for Closure   |
|--|--|
| Event 3.1.4(FY 15). Two-day national workshop for federal IMTs and state and regional animal health partners to review processes, identify gaps, and develop SOPs that will expedite issuance of SFS permits.                  | Event was repurposed into Event 3.1.7.                                       |
| Event 3.1.5(FY 14). Develop and make available to response partners an example of a one health tabletop exercise.  | Event was closed due to higher priorities.                                   |
| Event 3.1.5(FY 15). One-day workshop at APHIS headquarters to develop SOPs to recall and mobilize personnel assigned to the APHIS Emergency Operation Center for a FAD/EDI.  | Event was conducted in FY 2015.  |
| Event 3.1.5. Develop online discussion-based exercise materials that are available for download by FADDs to utilize at local, state, district, and national meetings.  | FAD training modules were developed by VS PPT and are available online.      |
| Event 3.1.6(FY 15). TTX in each VS SPRS District (6 total) to validate the transfer of incident command SOP.   | Event was combined with Event 3.1.2.   |
| Event 3.1.6. Deliver a virtual workshop to develop a VS NIMT SOP for check-in and check-out procedures, including demobilization procedures, for emergency response.   | SOP for check-in and check-out procedures developed in FY 2016.              |
| Event 3.1.7(FY 15). Develop and make available to emergency response partners a template of one health TTX documents.  | Event was combined with Event 3.1.5(FY 14).                                  |
| Event 3.1.8(FY 15). National seminar on the flow of information between independent USDA APHIS and state electronic systems during an emergency.   | Event was combined with Event 3.1.10(FY 15).                                 |
| Event 3.1.8. Conduct a series of webinars to discuss NIMT organizational structure.  | VS NIMT organizational structure was developed during the VS NIMT workshops. |
| Event 3.1.9(FY 15). Series of national workshops to develop FAD/EDI joint information center communication processes and tools.  | Event was combined with Event 2.2.2.   |
| Event 3.1.9. Conduct a workshop with the VS SPRS Cattle Health Center staff and the Avian, Swine and Aquatic Animal Health Center staff to build communication between the Incident Coordination Group organization and NIMTs. | Event was completed during the FY 2018 ARMAR functional exercise             |
| Event 3.1.10(FY 15). TTX in each VS SPRS District (6 total) on the flow of information between independent USDA APHIS and state electronic systems during an emergency.  | Event was closed due to higher priorities.                                   |
| Event 3.1.11(FY 15). TTX in cooperation with external stakeholder emergency responders to assess the emergency preparedness capabilities to respond to a screw worm outbreak.  | Event was changed to Event 3.1.3.  |

| Closed Event  | Reason for Closure   |
|---|--|
| Event 3.1.11. Develop and conduct discussion-based TTXs on utilizing any new decontamination/depopulation/disposal (3D) tools.  | Event was changed to a seminar. Event is combined with Event 2.2.31. |
| Event 3.1.13. Develop and conduct a tabletop exercise for a team of state and federal animal and public health officials to manage response activities and infection risk for responders during a poultry disease outbreak caused by 1) a moderate risk zoonotic avian influenza outbreak strain, and 2) a high risk zoonotic avian influenza outbreak strain utilizing OHSMART principles. | Developed and conducted the Zoonotic HPAI Outbreak TTX.              |
| Event 3.1.15. Develop and conduct a workshop for VS and FSIS officials to identify APHIS and FSIS regulations and policies that would be in effect during a FAD outbreak. VS and FSIS will develop a TTX to test VS and FSIS response during a multi-tiered response to an FMD outbreak. The resulting TTX will be piloted and then made available for district application.                | TTX conducted in FY 2018.  |

**Objective 3.2. Conduct a series of drills and functional exercises to validate specific operational procedures and functions.**

| Closed Event   | Reason for Closure                                   |
|--|--|
| Event 3.2.1(FY 14). Conduct drills in each new SPRS District to recall and dispatch responders for the ICS organization in that District. (Develop ICS 203 organizational assignment list or similar tool, develop procedures and a call tree, implement procedures to recall and dispatch District personnel for a simulated emergency limited in scope to the District.) | Event was closed due to higher priorities.           |
| Event 3.2.1(FY 15). Drill in each VS SPRS District (6 total) to validate procedures for the investigation of potential FAD/EDIs and Emergency Management Response System (EMRS) 2.0.   | Event was combined with Event 3.3.9.                 |
| Event 3.2.1. Develop and distribute drill materials to Public Information Officers to practice risk communication skills received from previous training.  | Event was combined with Event 2.2.2.                 |
| Event 3.2.2(FY 14). Conduct drill in each new SPRS District to test the readiness and use of foreign animal disease diagnostician kits.  | Event was combined with Event 3.2.2.                 |
| Event 3.2.2(FY 15). Drill at APHIS headquarters to develop SOPs to recall and mobilize personnel assigned to the APHIS Emergency Operation Center for a FAD/EDI.   | Event was combined with Event 3.1.5(FY 15).          |
| Event 3.2.3(FY 14). Conduct drills in each new SPRS District to test procedures for the investigation of potential FAD/EDIs.   | Event was combined with Event 3.2.2. and is ongoing. |

| Closed Event  | Reason for Closure                               |
|---|--|
| Event 3.2.3. Develop and conduct drills in VS Districts to validate captive bolt skills received from previous training.  | Event was developed and delivered in FY 2019.    |
| Event 3.2.4(FY 14). Conduct drill in each new SPRS District to test animal traceability functionality for a FAD/EDI investigation.  | Drills conducted in each VS District in FY 2014. |
| Event 3.2.4(FY 15). Drill in each VS SPRS District (6 total) to test Phase 1 as outlined in the FAD PReP Strategy Document – Classification of Phases and Types of a Foot-and-Mouth Disease Outbreak and Response, Draft March 2013.        | Event was closed due to higher priorities.       |
| Event 3.2.4. Develop drill materials for VS Districts to validate EMRS skills acquired through previous trainings.  | Event built into EMRS component of Event 3.2.2.  |
| Event 3.2.5(FY 14). Conduct drills in each new SPRS District to test proficiency in the EMRS 2.0 procedures.  | Event combined with Event 3.3.9.                 |
| Event 3.2.5(FY 15). Drill in each USDA APHIS SPRS District (6 total) to validate FAD/EDI joint information center communication.  | Event was closed due to higher priorities.       |
| Event 3.2.5. Develop and deliver functional exercise materials that VS Districts can use for Poultry Depopulation Group Supervisors and Poultry Carcass Disposal Coordinators.  | Event was closed due to higher priorities.       |
| Event 3.2.6(FY 14). Conduct drills at APHIS headquarters to recall and mobilize personnel assigned to the APHIS Emergency Operations Center for a FAD/EDI consistent with the APHIS Mobilization Guide and APHIS MAC Support Staffing Plan. | Event was completed with Event 3.1.5(FY 15).     |
| Event 3.2.6. Develop and deliver drill materials for poultry depopulation barn assessments that VS Districts can use for Poultry Depopulation Group Supervisors and Poultry Carcass Disposal Coordinators.                                  | Event was closed due to higher priorities.       |

**Objective 3.3. Participate and engage in trainings and exercises sponsored by or in collaboration with external stakeholder emergency responders that support the VS T&E strategy.**

| Closed Event  | Reason for Closure                         |
|---|--|
| Event 3.3.1(FY 14). Collect and catalog preparedness including those international in scope.  | Event was closed due to higher priorities. |
| Event 3.3.1. Conduct workshop on area command with Northeast state and VS partners. This started with VS and MSPSA planning for Area Command. | Event was completed with Event 3.3.2.      |
| Event 3.3.2(FY 14). Notify emergency responders of upcoming events.   | Event was combined with Event 1.2.3.       |

| Closed Event  | Reason for Closure  |
|---|---|
| Event 3.3.2. Conduct a joint MSPSA and VS TTX for incident command and resource management during a multi-state FAD outbreak.   | The State-VS Resource Management and Incident Command TTX was developed and delivered in FY 2017. |
| Event 3.3.3. Conduct joint MSPSA and VS drills for incident command and resource management during a multi-state FAD outbreak.  | This Event was combined with Event 3.3.4.   |
| Event 3.3.5(FY 15). VS personnel participate in external stakeholder exercises.   | This Event was combined with Event 1.1.6.   |
| Event 3.3.5. Explore existing exercise materials for possible adaptation for use by NIMTs in their training and preparedness programs.  | Event was closed due to higher priorities.  |
| Event 3.3.6. Assist VS personnel to participate in external stakeholder exercises and provide AARs as appropriate.  | This Event was combined with Event 1.1.6.   |
| Event 3.3.7. Develop materials and conduct TTX on Unified Command.  | Unified Command TTX was developed and delivered in FY 2017.                                       |
| Event 3.3.8. Develop and deliver TTX or virtual drills for Case Managers, Site Managers, and Reimbursement Specialists to practice skills learned in training.                    | Event was taken over by NVS.  |
| Event 3.3.10. Develop and deliver a TTX on the 24-hour depopulation goal and policy, including a webinar to discuss ventilation shutdown criteria, procedures, and decision tree. | Event was closed due to higher priorities.  |

**Objective 3.4. Adopt a process for VS T&E improvement planning.**

| Closed Event  | Reason for Closure  |
|---|---|
| Event 3.4.1. Develop and implement an effective corrective action program to ensure that Improvement Plans from exercises and emergency incidents are implemented, corrective actions are tracked, and tangible preparedness improvements are documented, distributed, and implemented. | The VS Corrective Action Program was developed and is maintained through Event 1.3.1. |

**Objective 3.5. Address lessons learned from the HPAI Response AAR Improvement Plan**

| Closed Event   | Reason for Closure                   |
|--|--------------------------------------|
| Event 3.5.1(FY 15). Assess new technologies and processes that can support virtual exercise design/development, conduct, evaluation, and improvement planning. | Event was combined with Event 1.1.5. |

| Closed Event   | Reason for Closure                         |
|--|--|
| <p>Event 3.5.1. Conduct a national-level workshop, including VS, external stakeholder emergency responders, and industry, to develop biosecurity and site-specific biosecurity plans for impacted industries and premises.</p>   | <p>Event was merged into other Events.</p> |
| <p>Event 3.5.2. Conduct discussion-based TTXs on VS response plans. Specific plans that have been mentioned include: deploying vaccine on a large scale, auditing biosecurity, utilizing any new decontamination/depopulation/disposal (3D) tools; and activating the NAHLN.</p> | <p>Event was merged into other Events.</p> |

Blank Page

## Appendix F: Acronyms

---

|          |  |
|----------|--|
| AAR      | After-Action Report  |
| APHIS    | Animal and Plant Health Inspection Service                       |
| ARMAR    | Agriculture Resource Management and Response Functional Exercise |
| ASF      | African Swine Fever  |
| CAP      | Corrective Action Plan   |
| D&B      | VS Diagnostics and Biologics                                     |
| DHS      | Department of Homeland Security                                  |
| EDI      | Emerging Disease Incident  |
| EMI      | Emergency Management Institute                                   |
| EMSSD    | Emergency Management Safety and Security Division                |
| EMRS     | Emergency Management Response System                             |
| EPR      | Emergency Preparedness and Response                              |
| EUFMD    | European Commission for the Control of Foot-and-Mouth Disease    |
| FAD      | Foreign Animal Disease   |
| FAD PReP | Foreign Animal Disease Preparedness and Emergency Response Plan  |
| FAD SAFE | Foreign Animal Disease Southern Agriculture Functional Exercise  |
| FADD     | Foreign Animal Disease Diagnostician                             |
| FADDL    | Foreign Animal Disease Diagnostics Laboratory                    |
| FE       | Functional Exercise  |
| FEMA     | Federal Emergency Management Agency                              |
| FiOps    | VS Field Operations  |
| FMD      | Foot-and-Mouth Disease   |
| FSE      | Full-Scale Exercise  |
| FY       | Fiscal Year  |
| HPAI     | Highly Pathogenic Avian Influenza                                |
| HSEEP    | Homeland Security Exercise and Evaluation Program                |
| ICS      | Incident Command System  |
| IMT      | Incident Management Team   |
| NADPRP   | National Animal Disease Preparedness and Response Program        |
| NAHLN    | National Animal Health Laboratory Network                        |
| NIMS     | National Incident Management System                              |

|       |  |
|-------|--|
| NIMT  | National Incident Management Team                      |
| NPIC  | National Preparedness and Incident Coordination Center |
| NTEP  | National Training and Exercise Program                 |
| NVS   | National Veterinary Stockpile                          |
| PPQ   | Plant Protection and Quarantine                        |
| PPT   | Professional People Training                           |
| PSS   | Professional Support Services                          |
| S&P   | VS Strategy and Policy                                 |
| SME   | Subject Matter Expert                                  |
| SOP   | Standard Operating Procedure                           |
| T&E   | Training and Exercises                                 |
| TEP   | Training and Exercise Plan                             |
| TEPW  | Training and Exercise Planning Workshop                |
| TTX   | Tabletop Exercise                                      |
| USDA  | United States Department of Agriculture                |
| VERRC | Volunteer Emergency Ready Response Corps               |
| vND   | Virulent Newcastle Disease                             |
| VS    | Veterinary Services                                    |