



part of the  
National Equine Health Plan

# USDA and American Horse Council

## June 2010

### Initiate a National Equine Health Plan

- Prevention/detection/response/control of equine diseases
- Minimize impact of diseases on domestic equine populations through advanced planning
- Promote trade
- Education and communication for stakeholders to increase awareness about diseases, risks and biosecurity
- Promote research for equine infectious diseases

# What increases the risk for infectious disease?

- Highly infectious diseases
- Trans-boundary diseases
- Horse movement
- Horse husbandry and use
- Insect and tick vectors



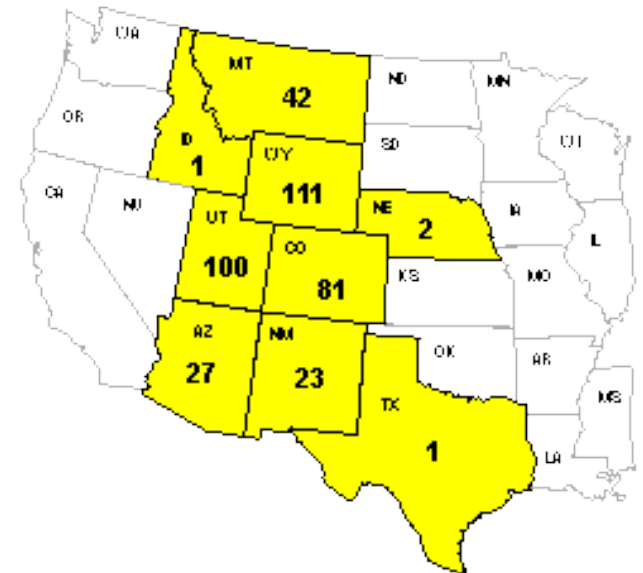
# Diseases affecting the equine industry in the last decade

- Vesicular Stomatitis 2005
- Contagious Equine Metritis 2008-2009
- EHV-1
  - Maryland racetracks
  - Equine Medical Center
  - Findley School- Ohio
  - Ogden Utah

Figure 2

## Vesicular Stomatitis Outbreak, 2005

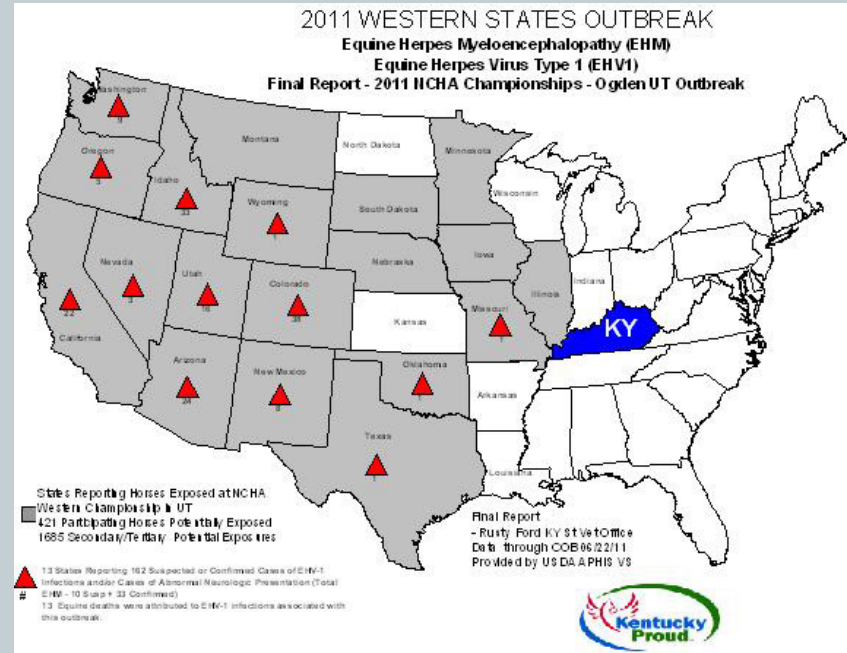
Updated: October 2, 2005





# 2011: EHM Cases after National Cutting Horse Finals, Ogden, Utah

- 2000 Horses at risk in 19 states
- 243 exposed horse premises
- 90 laboratory confirmed cases for EHV-1 or EHM
- 13 states with confirmed or suspected cases



# AAEP TASK FORCE RECOMMENDATIONS FOR AN EQUINE DISEASE COMMUNICATION PLAN

- Establish an Equine Disease Communication Center (EDCC) sponsored by the equine industry.
- Develop a triage system for incoming communications and methods of reporting infectious diseases.
- Create an equine disease website for real time posting of information collected.

# What is the Equine Disease Communication Center (EDCC)

- A communication system which informs and educates all constituents in the horse industry about disease outbreaks in order to minimize their effect on horse health and the horse related economy.

# What does EDCC do?

- Ensures the most accurate and up-to-date information about current disease outbreaks.
- Uses website, email and social media to alert all constituents of the horse industry.
- EDCC call center at USEF enhances flow of information.
- Works with SAHO's and USDA to confirm and coordinate communications.



# Similar to the AAEP On Call Program



# Communication Manager

- EDCC Office at AAEP.
- Coordinates communications.
- Seeks information via websites, social media and press.
- Posts alerts on the website.
- Seeks newest information on biosecurity and diseases.

# EDCC Website Resources



## WHAT IS THE EDCC?

DISEASE OUTBREAK ALERTS

DISEASE INFORMATION

VACCINATION INFORMATION

BIOSECURITY

STATE VETERINARY OFFICES

USDA ANIMAL AND PLANT HEALTH  
INSPECTION SERVICES

SPONSORS

TICKER :: CURRENT ALERT TICKER

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CURRENT ALERT TICKER - CURRENT ALERT TICKER

## WHAT IS EDCC

The Equine Disease Communication Center (EDCC) works to protect horses and the horse industry from the threat of infectious diseases in North America. The communication system is designed to seek and report real time information about disease outbreaks similar to how the Centers for Disease Control and Prevention (CDC) alerts the human population about diseases in people.

The goal of the EDCC is to alert the horse industry about disease outbreak information to help mitigate and prevent the spread of disease. Ultimately frequent and accurate information about diseases outbreaks improves horse welfare and helps to prevent negative economic impact that can result from decreased horse use due to a fear of spreading infection. As part of the National Equine Health Plan the EDCC will serve as part of the communication to help educate and promote research about endemic and foreign disease.

Working in cooperation with state animal health officials and the United State Department of Agriculture, the EDCC seeks information about current disease outbreaks from news media, social media, official state reports and veterinary practitioners. Once information is confirmed, it is immediately posted on this website and messages sent to all states and horse organizations by email. Daily updates are posted until each outbreak is contained or deemed no longer a threat.

The EDCC is made possible by generous donations from organizations and horse owners. Please visit our sponsors that have generously supported this program for the benefit of the health and welfare of horses. To learn how you can help go to [SUPPORT](#)

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POWERED BY THE  
UNITED STATES EQUESTRIAN FEDERATION  
DEDICATED TO THE PROMOTION OF EQUESTRIAN SPORT, FAIR COMPETITION, AND EQUINE WELFARE REGARDLESS OF BREED OR DISCIPLINE.

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# EDCC Alert Page

DATE	DISEASE	LOCATION	STATUS
6/19/2016	Equine Herpes viruses	Ruidoso Downs racetrack, NM	Ongoing(investigation)
<p>No new EHV-1 cases have been reported at Ruidoso Downs. A sample submitted yesterday was confirmed negative. The exposed barn where the first and only case was diagnosed remains under quarantine. There are no active cases at this time and the racetrack remains open.</p> <p>Trace backs are underway and states will be contacted individually regarding the movement of horses from Ruidoso Downs.</p> <p>From: New Mexico Livestock Board.</p>			
6/18/2016	Equine Herpes viruses	Ruidoso Downs Racetrack, NM	Confirmed case(s) quarantined
<p>New Mexico has a new confirmed EHM case at Ruidoso Downs. The horse became neurological yesterday and was euthanized and the barn where the horse was located is under quarantine for exposure. No other horses are showing any signs, but strict biosecurity is in force. Temperatures will be taken on all horses on the racetrack, but at this stage the racetrack will remain open and running. Movement of horses is being permitted on and off site. New Mexico Livestock Board.</p>			
6/17/2016	Eastern Equine Encephalitis	Horry County and Colleton County, SC	Information Only
<p>There were two new cases of EEE confirmed in SC the week of 6/10/16 bringing the total for 2016 to three total cases. Both new cases, like the initial 2016 case, were unvaccinated horses and were either euthanized or died prior to confirmation of EEE. There were no quarantines issued as these individual cases are closed.</p>			

# Current Activity

- 205 alerts since April 2015.
- 11 diseases
- 56,440 views on the website by 20,040 unique IP addresses.
- 66% views are on the alert page.
- Equine Herpesvirus Myeloencephalopathy (EHM) outbreaks in 17 states.
- Racetracks in 5 states affected by EHM.
- Call Center to open on July 1<sup>st</sup>.



## DISEASE INFORMATION

Current information on infectious diseases of horses is listed here. More information may be available at the office of your [state veterinarian](#).

### DOMESTIC DISEASES

#### **Anthrax (*Bacillus anthracis*)**

[More Information](#)

[More Information](#)

#### **Blastomycosis (*Blastomyces dermatitidis*)**

[More Information](#)

#### **Botulism (*Clostridium botulism*, types A, B, C, D)**

[More Information](#)

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## BIOSECURITY

Biosecurity is a set of preventive measures designed to reduce the risks for introduction and transmission of infectious disease. Infectious disease caused by bacteria and viruses may be brought to and spread at an equine facility by horses, people, domestic animals other than horses, vehicles, equipment, insects, ticks, birds, wildlife including rodents, feed, waste and water. Disease risks are inherent when horses commingle and travel. Complete elimination of all disease risks for a horse that has contact with horses outside of it's herdmates is highly unlikely. Horse owners must determine the acceptable level of disease risk they are willing to assume for their horse and implement biosecurity measures to reduce disease risk where possible. Implementing biosecurity measures is an important part in protecting the health of the equine industry.

Biosecurity for horses includes measures that can be taken by the horse owner as well as event managers. Part of a biosecurity plan include disinfection, horse movement, isolation and quarantine, event plans for biosecurity, and risk assessment. The following links provide information to help planning and implementing biosecurity whether at home or on the road.

### INFORMATION

[Infectious Disease and Biosecurity: Video Seminar by Dr. Paul Morley](#)

[Protect Your Horse from Infectious Disease](#)

#### Disinfection

[Characteristics of Selected Disinfectant Chart](#)

[Cleaning and Disinfecting Protocol Sign](#)

[Video: Choosing a Disinfectant for Barn Use](#)

[Video: Stall Cleaning and Disinfection Part 1](#)

[Video: Stall Cleaning and Disinfection Part 2](#)

[Video: How to clean/disinfect Horse Equipment](#)

[Video: How to Clean and \(not quite\) Disinfect Leather](#)

[Video: How to Clean/Disinfect Water Buckets and Troughs](#)

#### Set up Quarantine and Isolation

[Article](#)

#### Risk Assessments

[Video: Biosecurity Tips for Horse Farms- Dr. Scott Weese](#)

[Equine Guelph : Equine Biosecurity Risk Calculator](#)

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# Biosecurity: Definition

- Biosecurity is a set of preventive measures designed to reduce the risks for introduction and transmission of infectious disease.



# Basics of Biosecurity

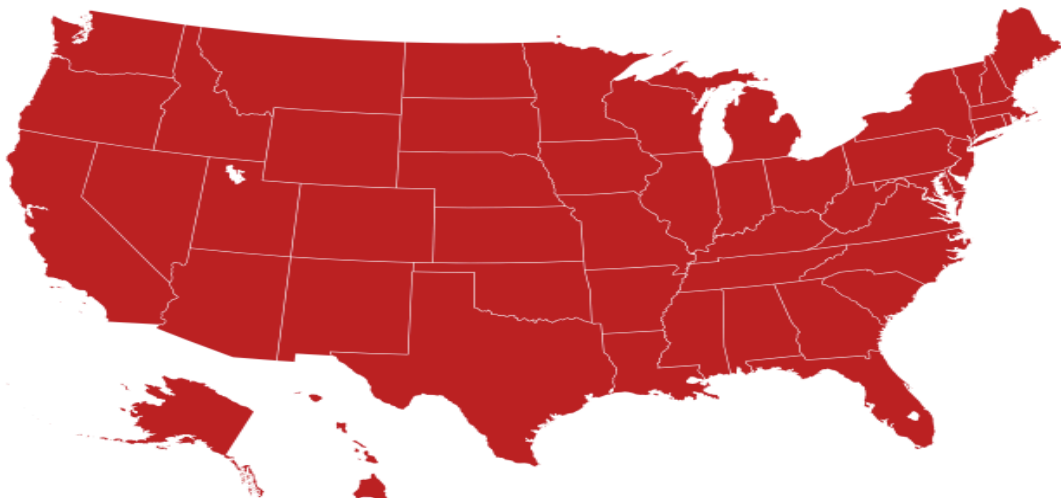
- Biosecurity Plan
- Risk assessment
- Sanitation
- Isolation
- Quarantine
- Education



## STATE VETERINARY OFFICES

State Animal Health Officials (SAHOs), under the direction of the State Veterinarian, protect the health of the equine industry. The SAHOs monitor equine diseases and equine movement within the states to mitigate threats and to effectively respond to the disease incursions. Each state develops and maintains a state reportable disease list, which includes endemic equine diseases of concern to the state's equine industry and foreign equine diseases of national concern. Detection of a regulated reportable equine disease results in SAHO assessment of disease risks and determination of appropriate disease control measures to be implemented such as quarantine, movement controls or biosecurity measures. However, a reportable disease does not necessarily mean actionable, as the SAHO investigation of the disease may deem control measures unnecessary.

Select your state on the map to see information about the State Veterinarian's office.



## US-KY

### VETERINARIAN INFO

Robert Stout, State Veterinarian  
109 Corporate Dr.  
Frankfort, KY 40601

Mailing Address

Website:  
Phone: 502-573-0282  
Fax: 502-573-1020  
Email: robert.stout@ky.gov

Useful Links:

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# EDCC is Industry Supported

- Fund raising initiated by the American Horse Council.
- Goal to get all segments and organizations of the horse industry to participate.
- Significant support from USDA-APHIS-VS

- Donations to the AAEP Foundation are Tax Deductible
- Sponsors are listed with a link to their website
- Thank You Grayson-Jockey Club!

## HELP SUPPORT THE EQUINE DISEASE COMMUNICATION CENTER

### An Insurance Policy for the U.S. Equine Industry

- Assure the movement of horses remains unobstructed if an outbreak occurs
- Access to Bio-Security Tool-Kits
- Accurate and timely updates



**Why is my pledge a worthwhile investment?**

A healthy horse is a healthy industry. The EDCC will help assure the economic well-being of the industry by mitigating millions of dollars in losses should an outbreak occur.

**All pledges towards the EDCC are tax-deductible through the AAEP Foundation.**

The horse community is always just one step from a calamity and that calamity is a disease outbreak of such proportion as to widely imperil the health of our horses and threaten the economic viability of our industry. In this environment an infectious disease outbreak can result in federal or state restrictions on horse movement to stop the spread of the disease. ***It is time for the industry to be proactive in dealing with disease outbreaks with increased biosecurity, education, and a plan to immediately stop the spread of diseases.***

Send donations to the AAEP Foundation at 4075 Iron Works Pkwy,  
Lexington, KY 40511.

# What do we know for sure?

There will be  
more equine  
disease  
outbreaks.



[edcc@aaep.org](mailto:edcc@aaep.org)