



Update from the WA State Vet

WSFA Meeting

Amber Itle MS VMD

Interim WA State Veterinarian



Overview

- Program updates
- Fair Resources
- Role of the Fair in Emergency Response
- Emerging & Reportable Disease Trends
- Animal Disease Traceability Results
- Rule Making Changes



WHAT DO YOU NEED TODAY?

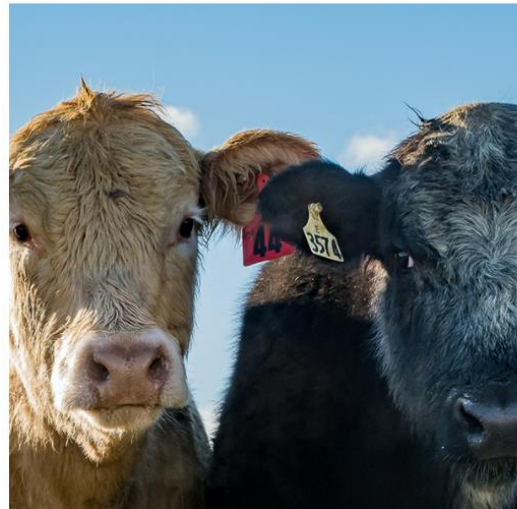
LET'S FIND IT

THE MISSION OF THE ANIMAL HEALTH PROGRAM IS TO:

- Protect and enhance animal health and animal well-being
- Promote the economic vitality of the livestock industry by minimizing exposure to animal diseases
- Safeguard the citizens of Washington State by identifying and limiting the exposure to zoonotic diseases (transfer from animal to human)



Horse



Cows



Pigs



Sheep



Animal Health Program



Animal Health

- Import regulations, licensing, permits, CVI, Brucellosis vaccination, TB Testing, market inspections,
- Foreign Animal Disease and emerging disease surveillance, response, containment, eradication



Avian Health

- Market surveillance, NPIP inspections
- Sick bird reports, FAD and emerging disease response



Animal Disease Traceability

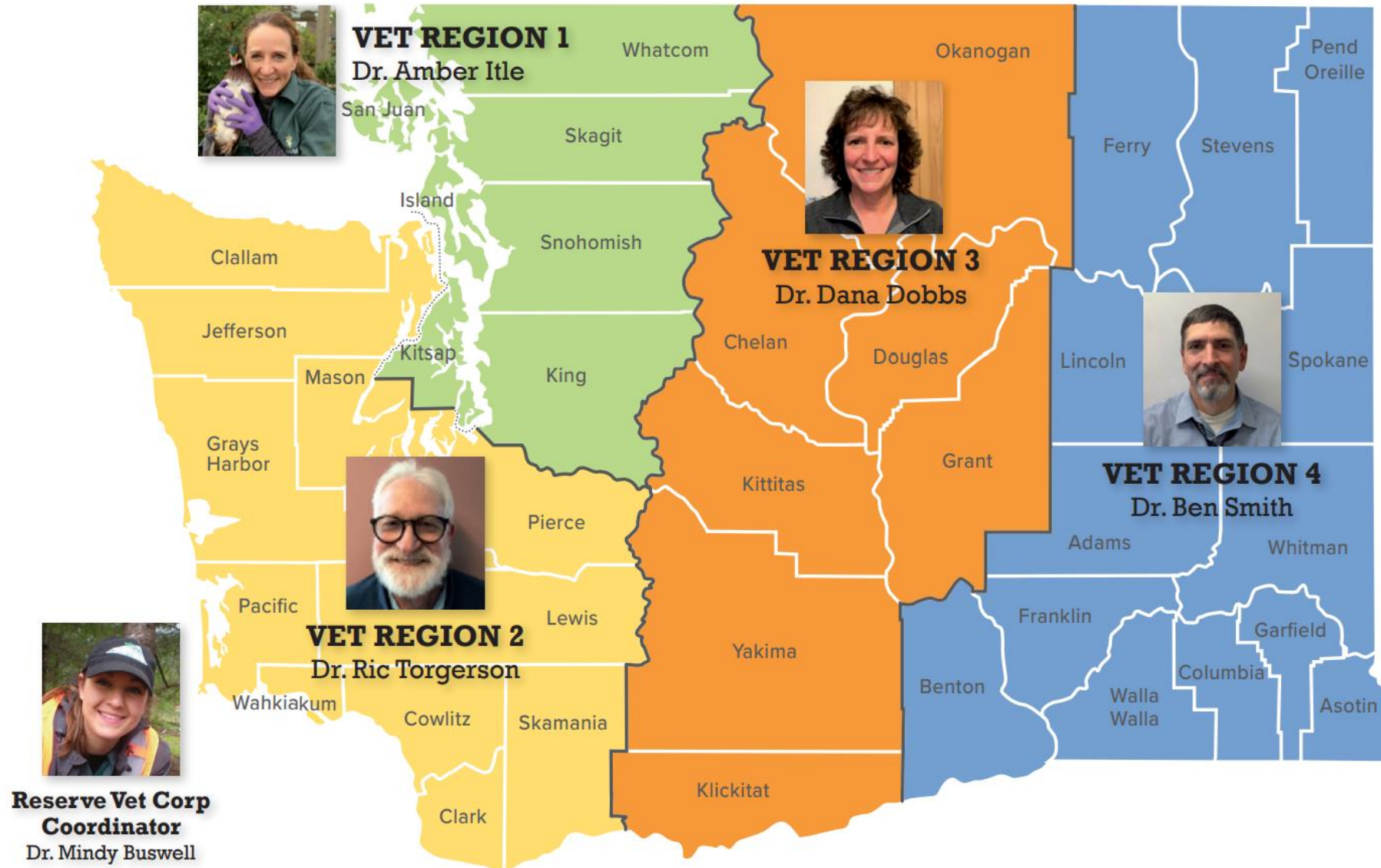
- Ensures a rapid response when animal disease events take place.
- Reduces the number of animals and response time involved in a disease investigation reducing the economic impact on cattle producers.



Reserve Veterinary Corp

- Provide surge capacity to manage adverse animal health events.
- Recruit veterinary practitioners (100 members)
- Works on emergency response and secure food supply plans

WSDA Field Veterinarian Regions



Retired in '21



Dr. Susan Kerr



Dr. Brian Joseph

Communication from the State Vet



 Veterinary Medicine Extension
WASHINGTON STATE UNIVERSITY



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From the (New) Editor – It is with mixed emotions that I take the helm of this newsletter that Dr. Moore has curated for the past 14 years. On the one hand, her retirement spells the end of constant access to an amazing mentor and friend. On the other hand, her newfound freedom may translate into an even greater abundance of garden produce and preserves to be shared around!

We are going to stay the course with quarterly newsletters and will continue to include diverse topics related to various livestock species. When possible, we will include updates from WSDA and WADDL, and intend to provide a new section highlighting livestock-relevant veterinary senior papers. During the final (4th) year of the DVM curriculum, students with the help of an advisor and discussant complete a manuscript and present their findings to the CVM at large. We look forward to providing you insight into topics that pique students' interests and provide grist for the intellectual mill.

I will wrap up by highlighting summer research

 Thu 10/21/2021 6:29 AM
Itle, Amber (AGR)
FW: WSDA Fair Vet Info
To  Itle, Amber (AGR)



July 13, 2021 | Contact: [State Veterinarians Office](#) (360) 902-1878

Biosecurity Resources and Recommendations for Fairs and Exhibitions

The barn doors have fully re-opened again for many [Washington Fairs and Exhibitions](#). The same preventative measures we used to control COVID-19 in humans such as social distancing, hand washing, frequent cleaning/ disinfection and current vaccination also apply to animals to protect animal health at the fair. We can all start by following biosecurity principles and keeping ourselves and our animals one cow apart! J COVID-19 taught us a lot about disease transmission and prevention in humans. At this time there is no evidence that animals play a significant role in spreading SARS-CoV-2 to humans, but there are many other diseases of concern at the fair. Early detection and removal of a sick animal is very important to protect animal welfare and public health. One way to detect disease early is to use a rectal thermometer to take and chart temperatures and chart those numbers to look for trends. Often increases in rectal temperatures will precede any signs of illness. Notify your fair veterinarian or superintendent immediately.

Before the Fair

Disease prevention starts before exhibitors leave home. Only healthy animals should be entered in the fair. You should also:

- Make sure veterinary health inspections and vaccinations are current for all animals you take.
- Follow veterinary guidelines on vaccination and withdrawal times.
- Clean and disinfect tools, equipment, and trailers, since these items could carry disease.

Animal Health LIST-SERVE

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https://listserv.agr.wa.gov/scripts/wa-AGRWA.exe?SUBED1=WSDA-ANIMAL-HEALTH&A=1&SUBED1=WSDA-ANIMAL-HEALTH&A=1

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MSDS Online

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Poultry Biosecurity...

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Biosecurity – CFSPH


Courses – CFSPH

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EXHIBITING ANIMALS IN WASHINGTON STATE

[← Back](#)[Home](#) / [Departments](#) / [Animals, Livestock, and Pets](#) / [Animal Health](#) / [Fairs and Exhibitions](#)**WHAT DO YOU NEED TODAY?**[LET'S FIND IT](#)

REQUIREMENTS AND RECOMMENDATIONS

[Tips to Stay Healthy at Animal Exhibits](#) [Fair Health Requirements](#)[Importing from out of state](#)

BIOSECURITY AT FAIRS

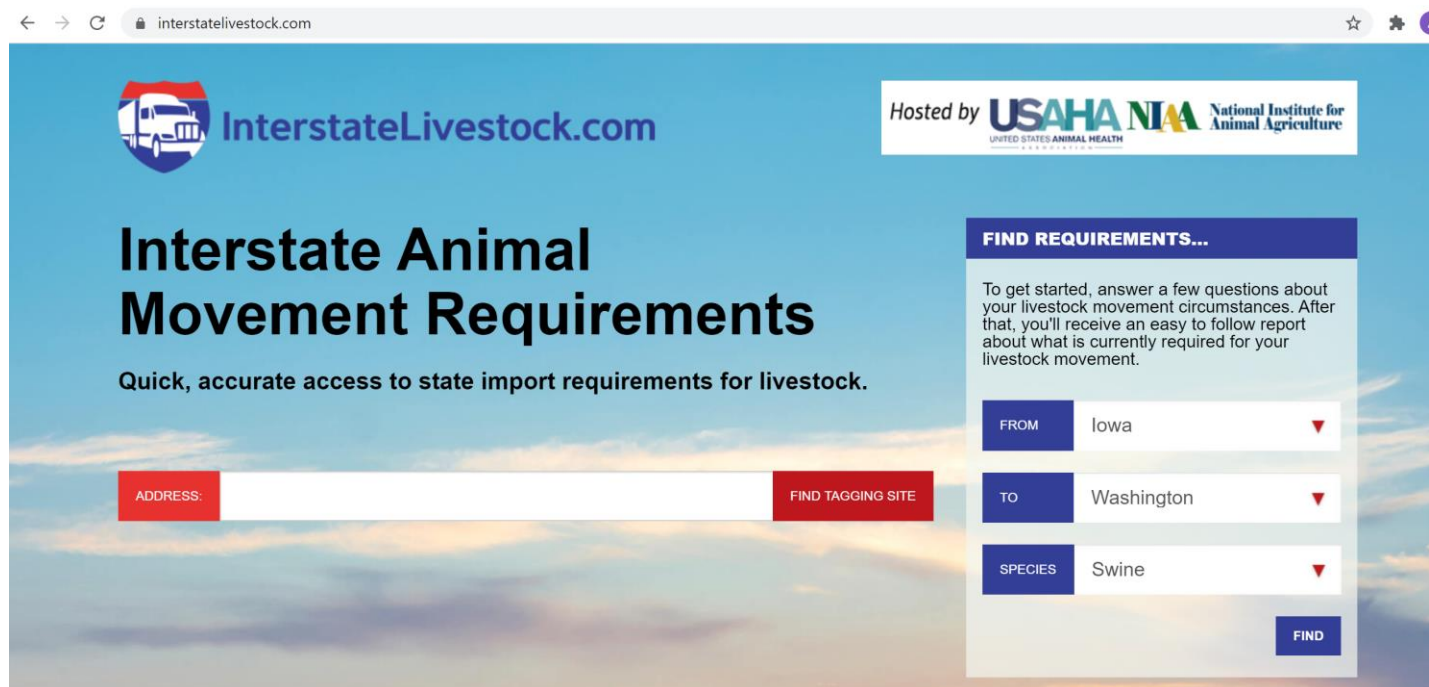
[Biosecurity recommendations for livestock](#) [PDF 265 kB][Swine](#) [PDF 1.3 MB][Recommendations for swine going to exhibits](#) [PDF 352 kB][Biosecurity recommendations for poultry](#) [PDF 290 kB]

DISEASES OF CONCERN


[Cattle](#) [PDF 268 kB][Malignant Catarrhal Fever](#) [PDF 269 kB][Equine](#) [PDF 631 kB][Poultry](#) [PDF 246 kB][Infectious Laryngotracheitis \(ILT\)](#) [320 kB][Sheep and goats](#) [PDF 269 kB][Swine](#) [PDF 309 kB][Swine Influenza](#) [PDF 310 kB][Porcine Epidemic Diarrhea \(PED\)](#) [PDF 249 kB]

Interstate Animal Movement

- [InterstateLivestock.com](https://interstatelivestock.com)
 - Interstate Animal Movement Requirements
 - Certificates of Veterinary Inspection, Identification, Vaccine/Test requirements

A screenshot of the InterstateLivestock.com website. The browser address bar shows "interstatelivestock.com". The website has a blue header with the "InterstateLivestock.com" logo on the left and "Hosted by USAHA NIA National Institute for Animal Agriculture" on the right. The main content area has a blue background with the title "Interstate Animal Movement Requirements" and the tagline "Quick, accurate access to state import requirements for livestock." Below this is a red "ADDRESS:" label followed by a white input field and a red "FIND TAGGING SITE" button. On the right side, there is a "FIND REQUIREMENTS..." section with a text box explaining the process and three dropdown menus for "FROM" (Iowa), "TO" (Washington), and "SPECIES" (Swine). A blue "FIND" button is at the bottom of this section.

← → ↻ interstatelivestock.com ☆ ⚙ A

 InterstateLivestock.com

Hosted by **USAHA NIA** National Institute for Animal Agriculture
UNITED STATES ANIMAL HEALTH

Interstate Animal Movement Requirements

Quick, accurate access to state import requirements for livestock.

ADDRESS: **FIND TAGGING SITE**

FIND REQUIREMENTS...

To get started, answer a few questions about your livestock movement circumstances. After that, you'll receive an easy to follow report about what is currently required for your livestock movement.

FROM Iowa ▼

TO Washington ▼

SPECIES Swine ▼

FIND



Navigating The Future

WSFA 2021

Fair's Role in Emergency Management

PREPARE, PREVENT, EXERCISE

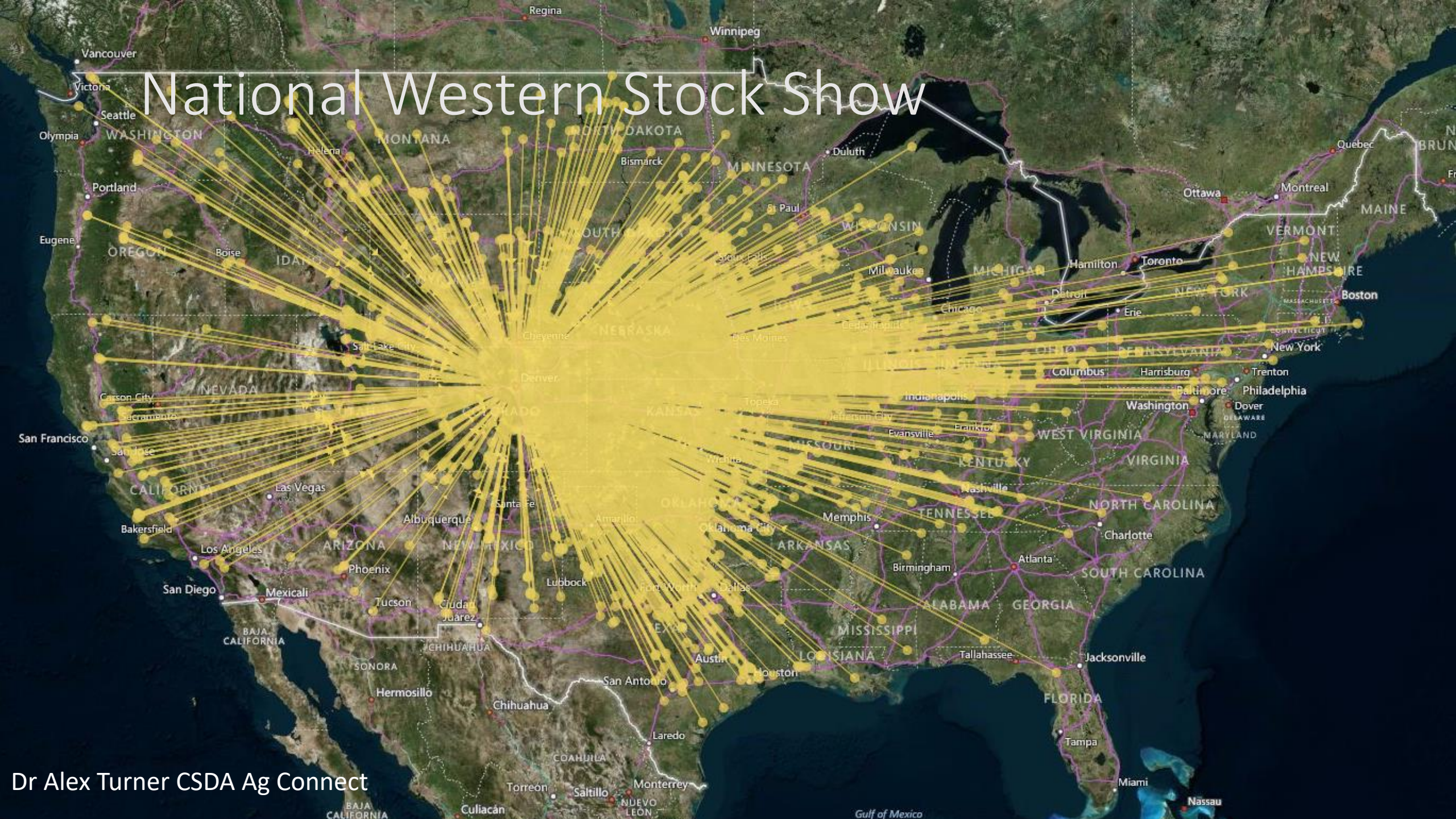
- **Prepare:** develop plans for animal emergencies and the use of fairgrounds
- **Prevent:** disease with customized biosecurity plans for your Fair.
- **Exercise:** your plans with a tabletop exercise



Join the Reserve Veterinary Corp

- Contact Dr. Buswell at mbuswell@agr.wa.gov
- phone: 360 280 6499

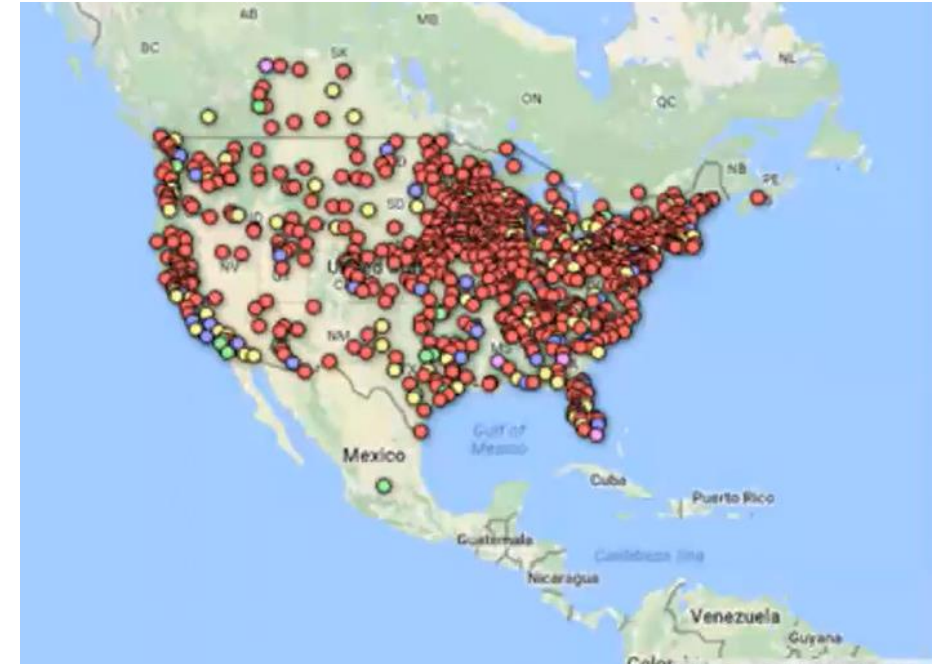
National Western Stock Show



Preparedness Activities

PREPARE, PREVENT, EXERCISE

- [Webinars | Extension Disaster Education Network](#)- *Marla Calico*
- [International Association of Fairs and Expositions –](#)
 - [Institute of Fair Management - My Courses \(iafeinstitute.com\)](#)
 - Emergency Planning
 - FEMA 100, 200, 700
 - Consumer Protection Program Workshops
 - E.coli 0157:H7
 - Swine influenza



**Over 1100 fairs all with
agricultural as focus**

**We serve them by
providing information,
education and advocacy**

© International Association of Fairs & Expositions
March 2021

Emergency Response Fair Plans

PREPARE, PREVENT, EXERCISE

1. Animal Care/Husbandry Plan

- Housing, feeding, movement

2. Emergency Response/Disaster Plan

- Engage County Emergency Managers
- Engage WSDA Partners
- Evacuation and Sheltering



Interim Program Manager | Rapid Response
& Emergency Management Program
ecoyle@agr.wa.gov

Disease Prevention and Response Plans

PREPARE, PREVENT, EXERCISE

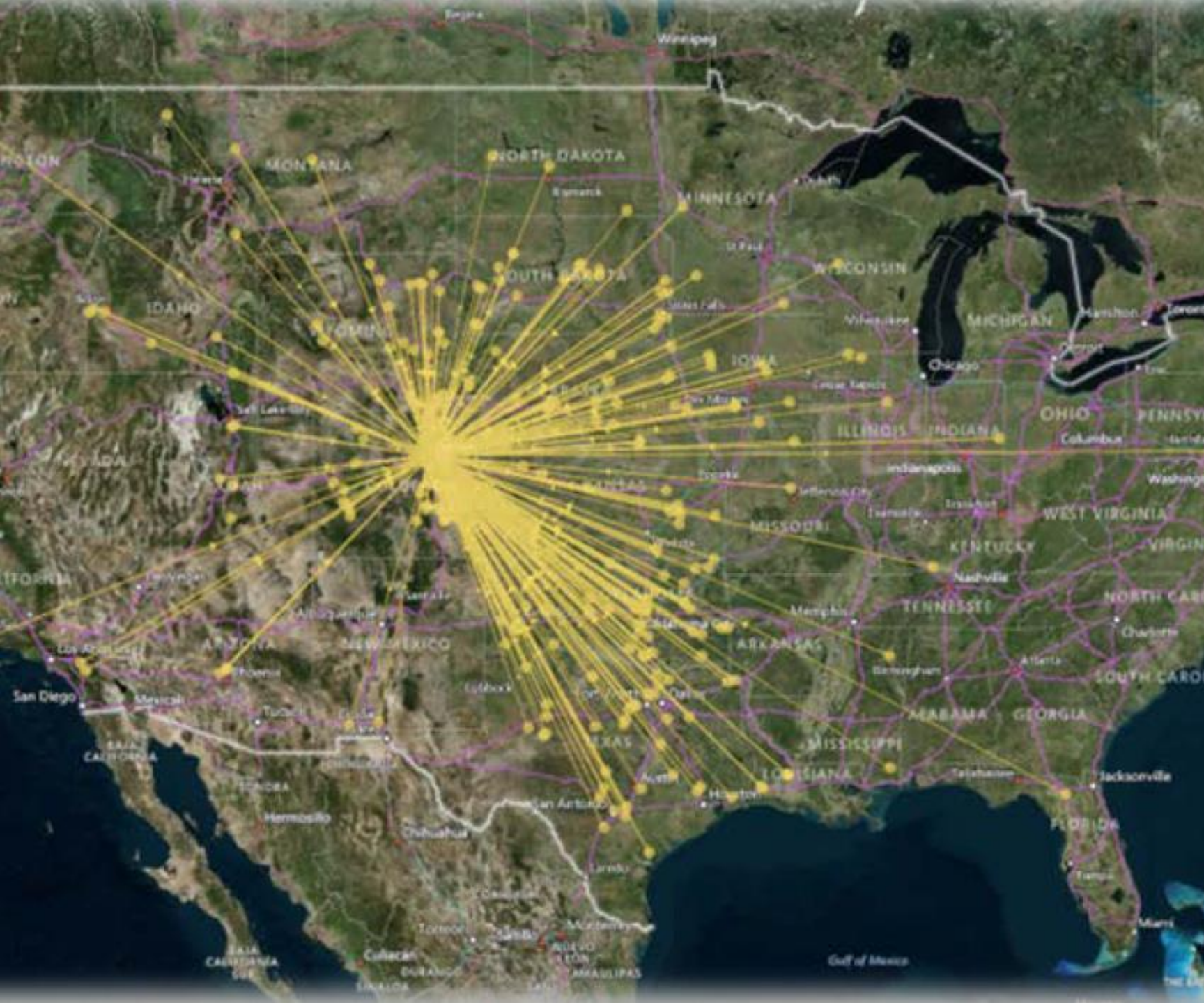
1. Everyday and Enhanced Biosecurity Plans

- Disease prevention and Continuity of Business

2. Disease Outbreak Plans

- Agro-terrorism?
- Zoonotic: E.coli 0157 H7, Campylobacter, Swine Influenza
- Foreign Animal Disease: FMD
- Emerging Disease: EHM








Case Study

2015 National Cutting
Horse Association Western
National Championship
Ogden UT

- 421 horses
- 35 from WA
- 90 cases of EHV-1 or EHM reported in 10 states
- 54 horses with 1^o infections from exposure at event
- 36 horses with 2^o or 3^o infection
- 13 horses died

Biosecurity and Business Continuity Plans

- Section 1 – Preventing disease from entering your event:
- Section 2 – Preparing your event for a disease outbreak
- Section 3 – Controlling exposure during the equine event

Strength	Details
 GREEN	<ul style="list-style-type: none"><input type="checkbox"/> Collecting current contact information at check-in<input type="checkbox"/> Requiring a negative EIA test report<input type="checkbox"/> Recommending vaccines to control infections respiratory disease & rabies<input type="checkbox"/> Requiring a horse health declaration<input type="checkbox"/> Requiring a CVI written less than 10 days of event at all times<input type="checkbox"/> Requiring entry information to be in electronic format
 YELLOW	<ul style="list-style-type: none"><input type="checkbox"/> Collecting current contact information<input type="checkbox"/> Requiring a CVI written between 15-30 days of event<input type="checkbox"/> Requiring a negative EIA test report<input type="checkbox"/> Recommending vaccines to control infectious respiratory disease & rabies
 RED	<ul style="list-style-type: none"><input type="checkbox"/> Not requiring competitors to provide any information regarding the status of the horse's health.<input type="checkbox"/> Not requiring exhibitor contact information<input type="checkbox"/> No visual inspection of the horses at the event

<https://ag.colorado.gov/sites/ag/files/documents/Final%20%20EHV1%20Business%20Continuity%20Plan.pdf>

Prepare to Respond

PREPARE, PREVENT, EXERCISE



- **A free online learning platform for:**
 - Livestock event personnel
 - First responders
 - Anyone who wants to understand disease and disease transmission
- **Available Nationwide June 2022**
- **Participants will learn how to:**
 - Mitigate risk during a disease outbreak at a livestock event (exposition, fair)
 - Develop an emergency response plan
 - Expedite an emergency response with confidence



Funded by USDA-APHIS National Animal Disease Preparedness and Response Program

Prepare to Respond

PREPARE, PREVENT, EXERCISE



- **Introductory Module**

- Context for disease, outbreaks & response

- **Livestock Event Personnel Module II**

- Volunteers, staff, fair board, exhibitors
- How do you identify and prepare for a disease outbreak

- **First Responders Module III**

- Law enforcement, fire & rescue, EMT
Learn your roll in a livestock event disease outbreak

- **Templates**

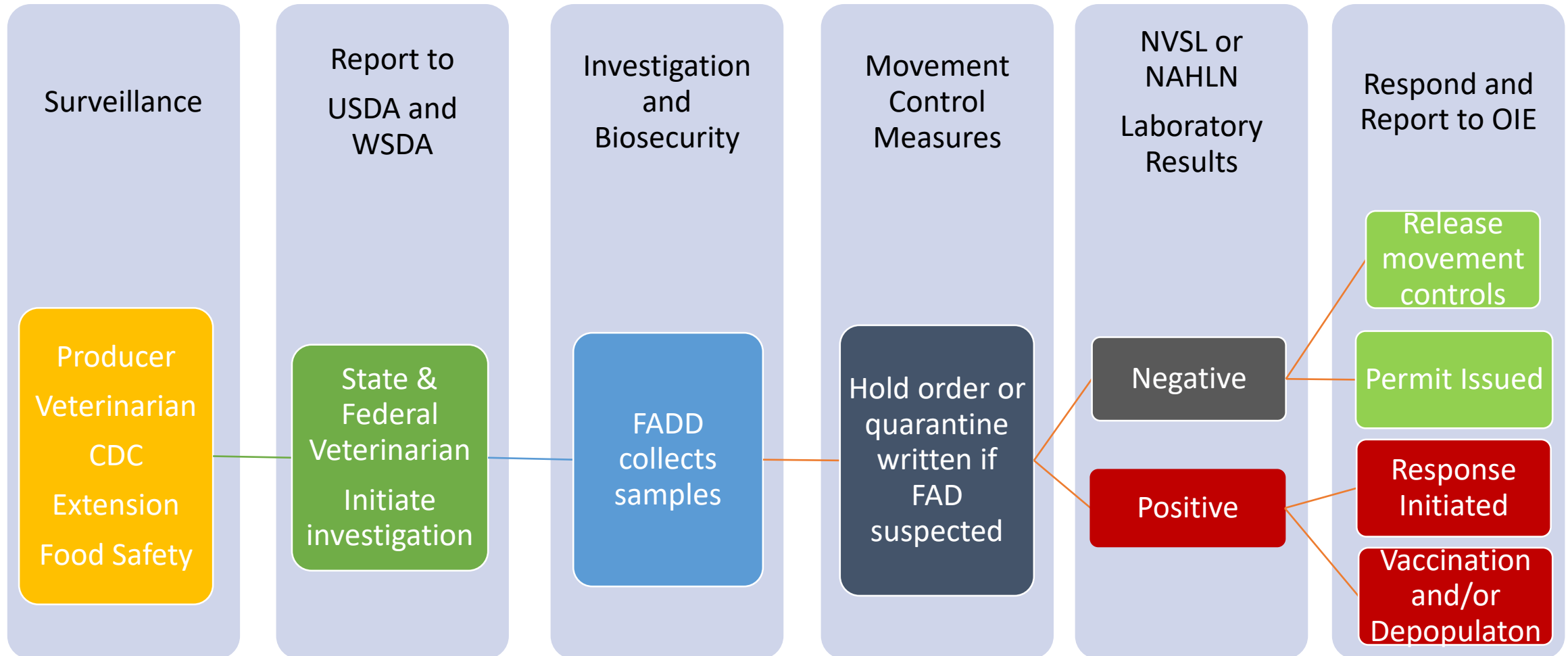
- An Emergency Response Plan
- Messaging and press released to share with the public
- Messaging to exhibitors

- **CONTACT Paul S. Kuber, Ph.D.**
pskuber@wsu.edu



Accredited Veterinarian's Role

PREPARE, PREVENT, EXERCISE, REPORT, RESPOND



FARM PPE Webinar Series

- FARM PPE Webinar Series

- **F**arm
- **A**nimal
- **R**isk
- **M**itigation
- **P**repare
- **P**revent
- **E**valuate



Craig McConnell Veterinary
Medicine Extension

- 12 part webinar series

- Starting in November 2021
- Customized Enhanced biosecurity plans
- Continuity of Business during disease outbreak
- Opportunity for farm visit/ review
- WSU/ WSDA collaboration

Fair Supervisors and Veterinarian's Role

If you see something, say something.

REPORT

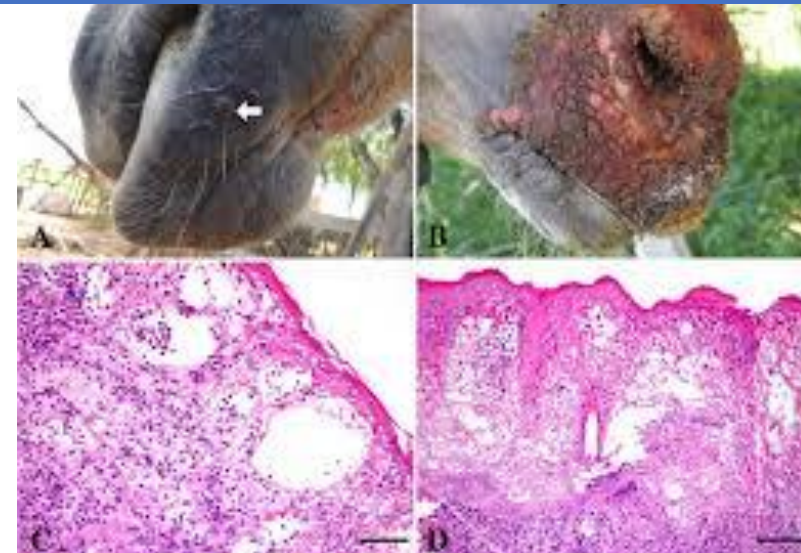
- Animal diseases or disease clusters with zoonotic potential
- New or emerging diseases never or rarely been observed in WA
- Diseases that appear in a new species or show evidence of higher pathogenicity than expected
- Unusually high morbidity or mortality



Foreign Animal Diseases can look like Endemic Diseases



AND CANNOT BE DIFFERENTIATED FROM EACH
OTHER WITHOUT DIAGNOSTICS!!





- 🏠 **WADDL Home**
- About
- Client Portal
- Tests & Fees
- Forms
- Submit a Sample
- Avian & Food Safety Lab
- Lab Sections
- Animal Disease FAQ
- People
- Giving
- Contact Us
- COVID-19

Mon–Fri: 8am – 5pm
Sat: 8am – noon
Pacific Standard Time

WASHINGTON ANIMAL DISEASE DIAGNOSTIC LABORATORY

Welcome



WADDL
has moved

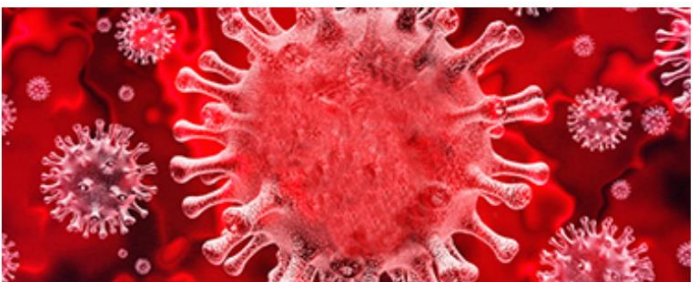
Click here
to learn
more

Online Ordering

Test Results

Tests & Fees

Contact Us



COVID-19 Response

WADDL is a nationally recognized, AAVLD accredited, full-service,



Goat & Sheep Testing

WADDL is a nationally recognized, AAVLD accredited, full-service,



Client Portal

Access all your results and cases.



Dr. Amber Itle FMD suspect/ grass awns



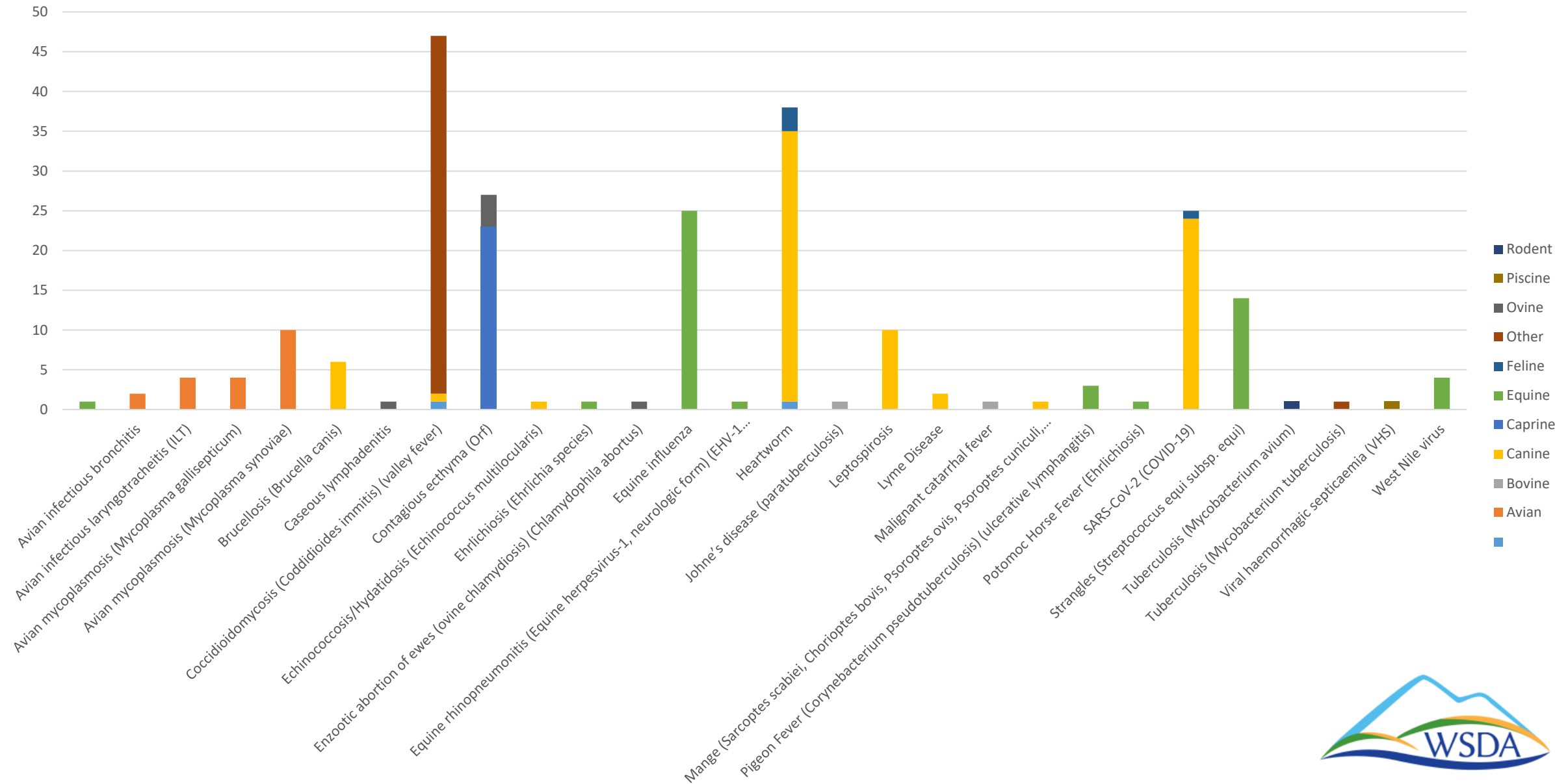
Dr. Matt Shere FMD suspect/ EHD, bluetongue



Dr. J.P. Teifke, Federal Research Institute for Animal Health, Riems, Germany and the Center for Food Security and Public Health at Iowa State University, College of Veterinary Medicine

Emerging and Reportable Disease Trends

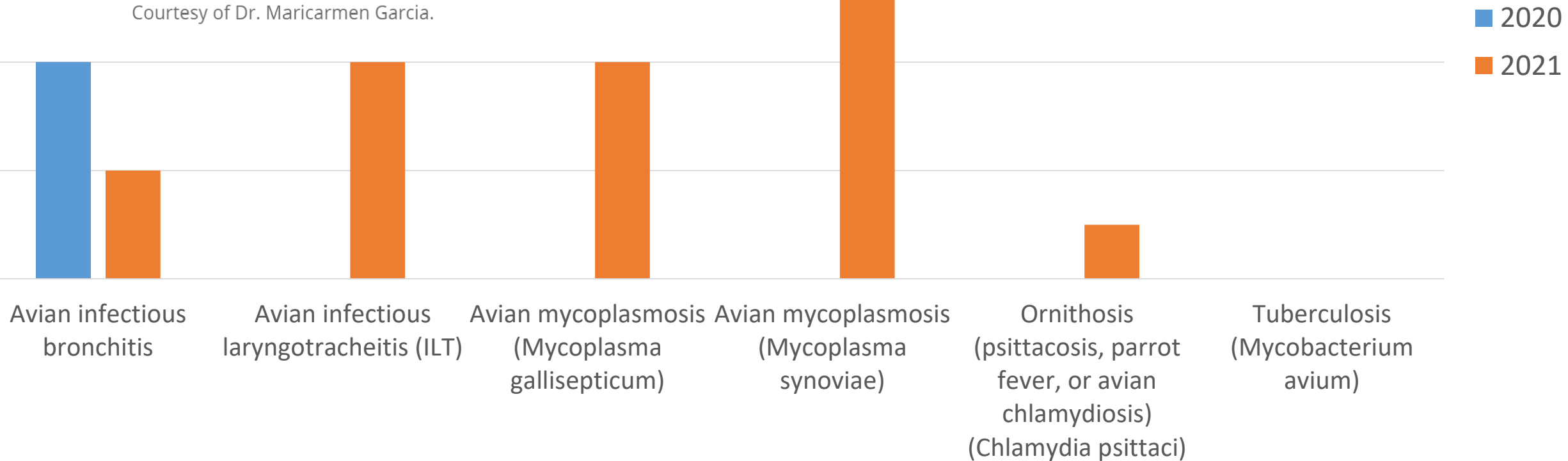
Cases of Reportable Diseases in 2021 by Species



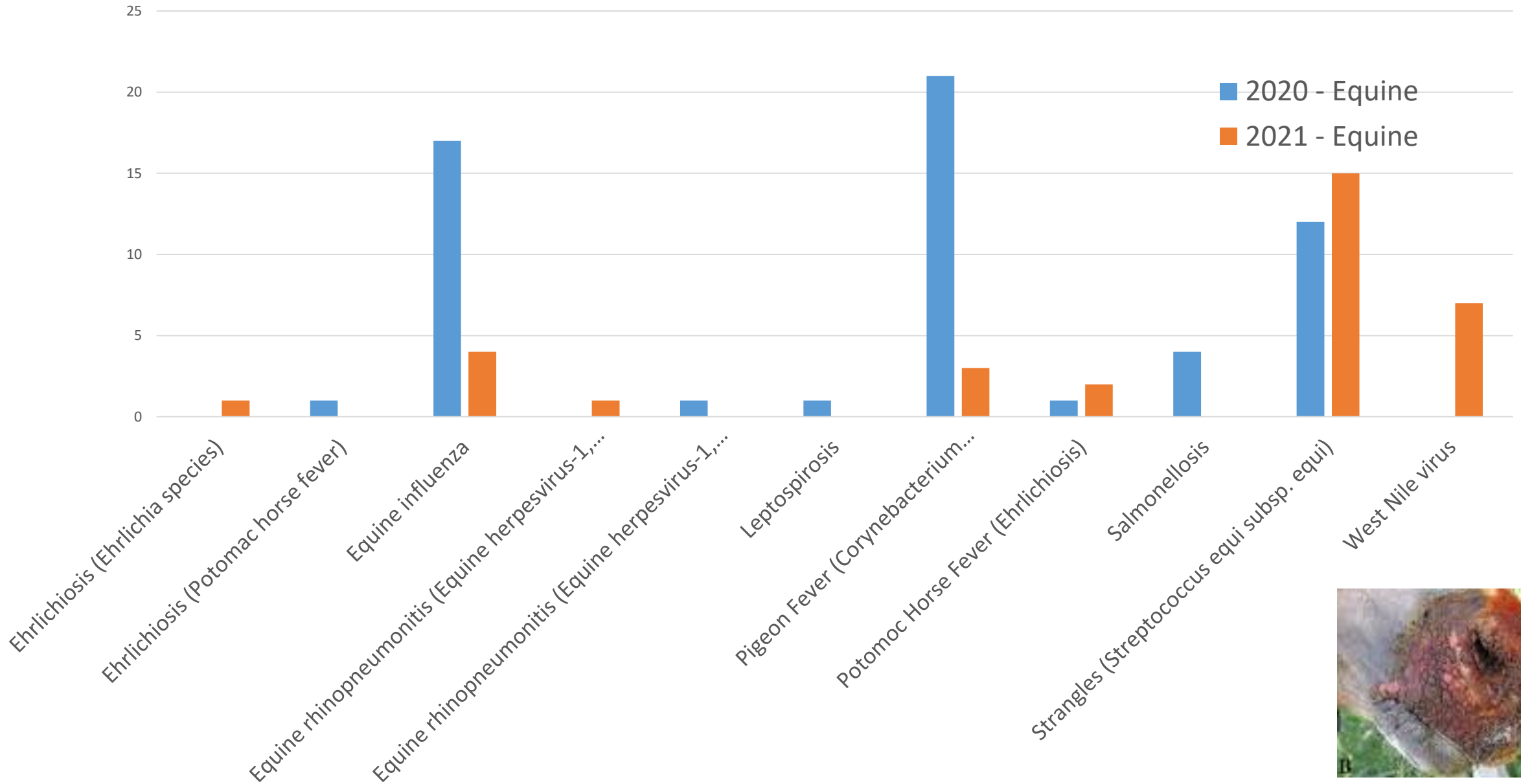
Reportable Disease Cases in Avian Species



Courtesy of Dr. Maricarmen Garcia.



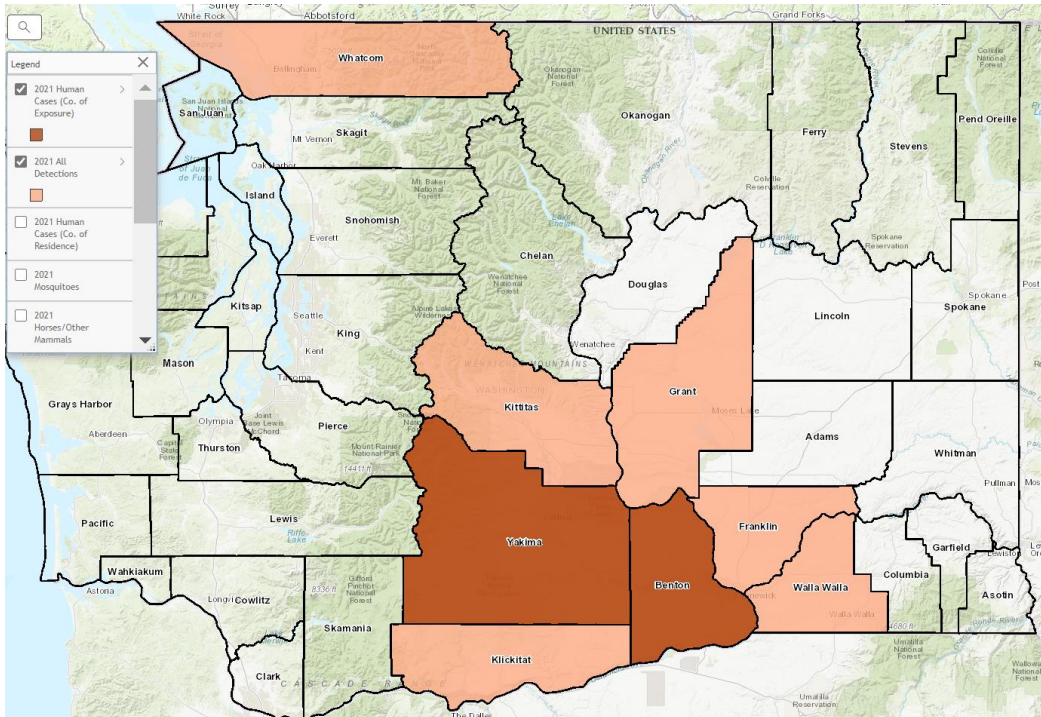
Reportable Disease Cases in Equine



West Nile Virus Trends

2021

(10 horses, 1 alpaca, 3 humans)



2020 (0)

Map 3. Infected horses/other mammals, birds, and mosquitoes



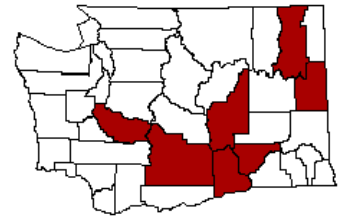
2019 (2)

Map 3. Infected horses/other mammals, birds, and mosquitoes



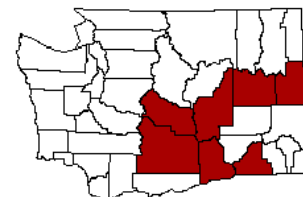
2018 (2)

Map 3. Infected horses/other mammals, birds, and mosquitoes



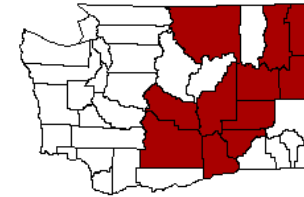
2017 (9)

Map 3. Infected horses/other mammals, birds, and mosquitoes



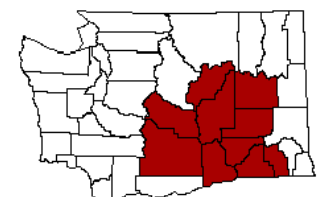
2016 (27)

Map 3. Infected horses/other mammals, birds, and mosquitoes



2015 (36)

Map 3. Infected horses/other mammals, birds, and mosquitoes





Support the EDCC

Sign up for Email Alerts

- OUTBREAK ALERTS
- DISEASE INFORMATION
- BIOSECURITY
- MORE INFORMATION ▾
- SPONSORS
- RESOURCES ▾



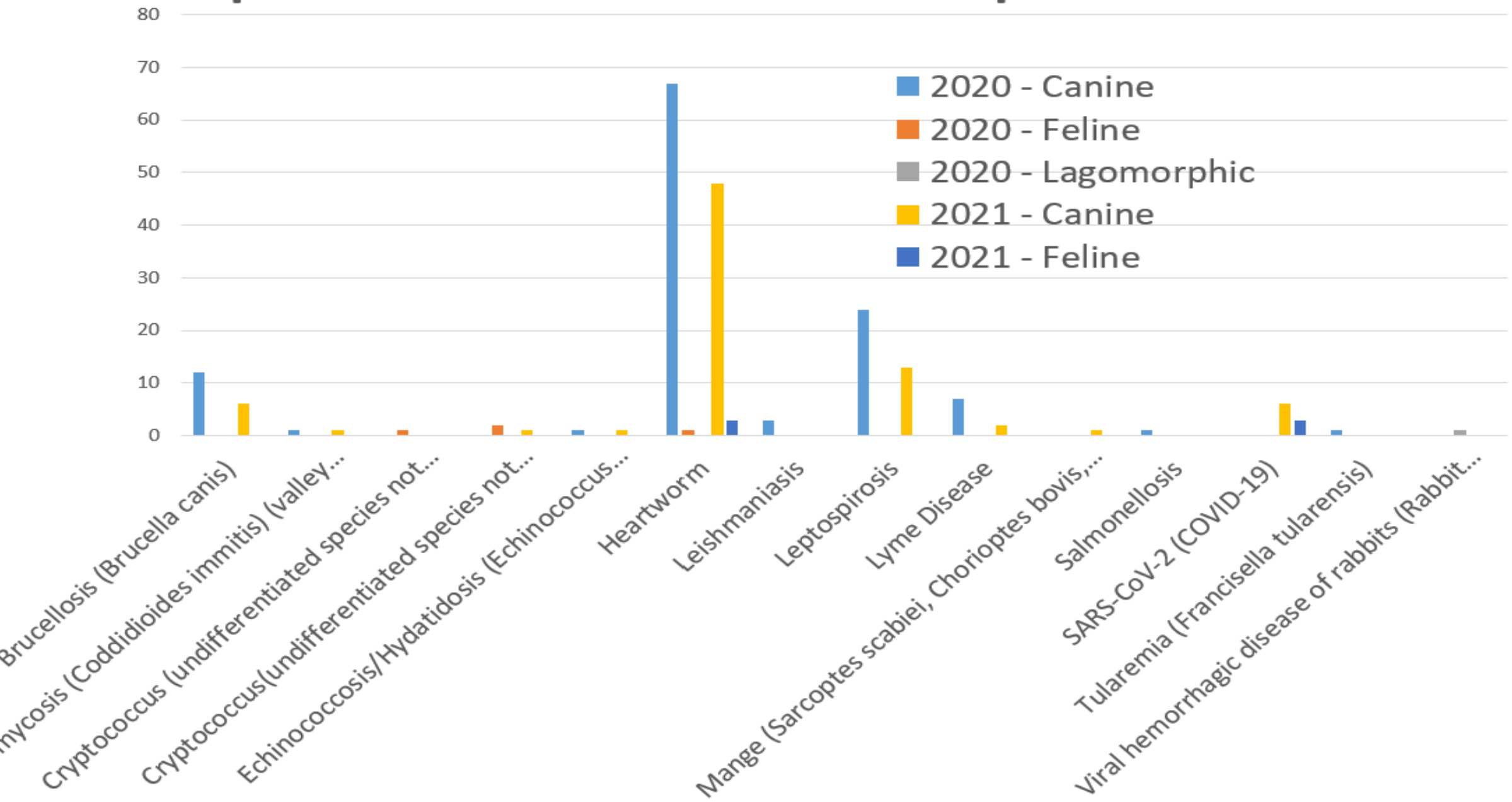
Welcome

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

Reportable Disease Cases in Companion Animals

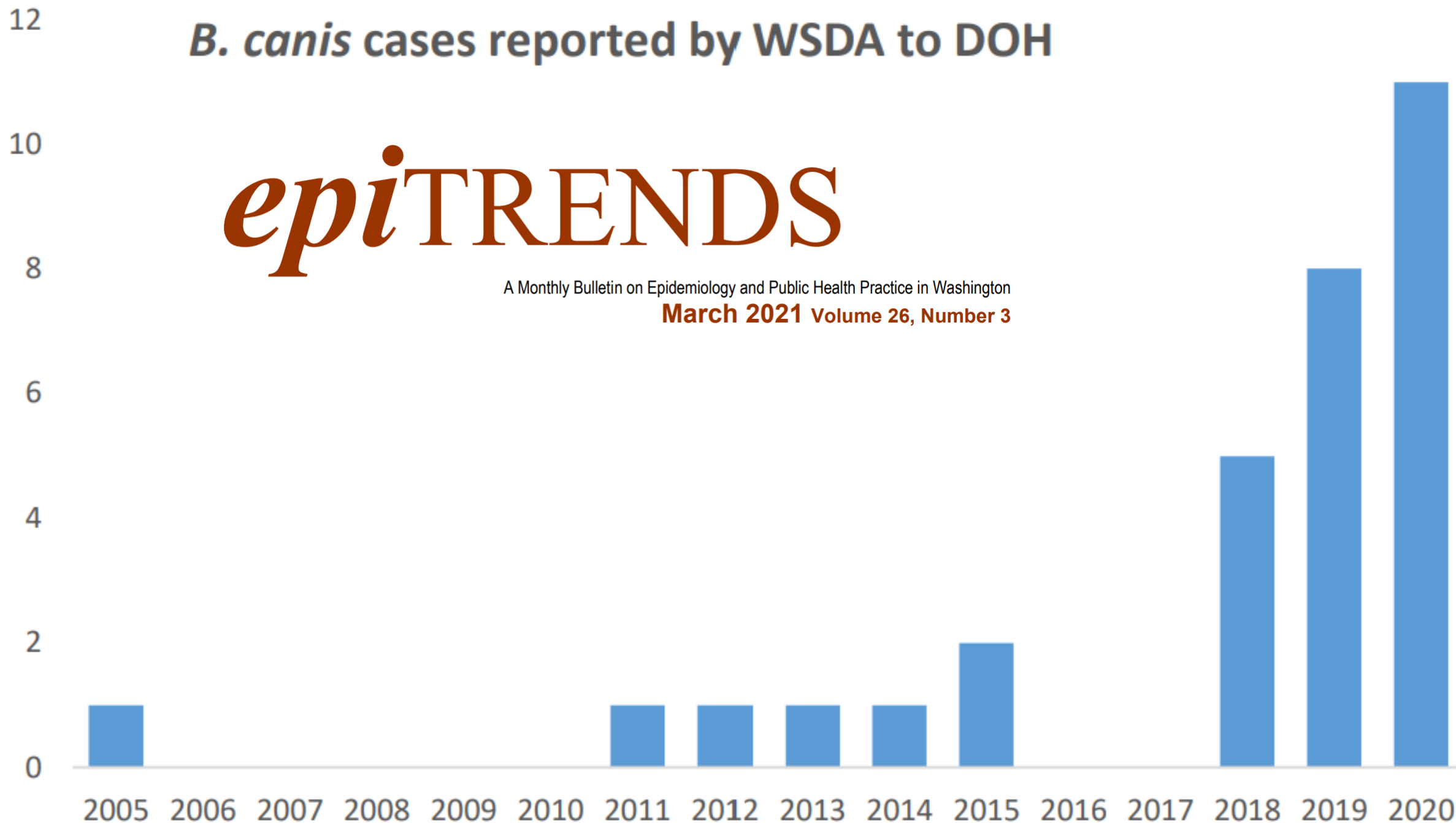


B. canis cases reported by WSDA to DOH

*epi*TRENDS

A Monthly Bulletin on Epidemiology and Public Health Practice in Washington

March 2021 Volume 26, Number 3



SARS-CoV-2 Testing in Washington

> 200 Animals Tested at WSU WADDL

- Dogs
 - 24 dogs Sero +; PCR -
 - 37 dogs Sero -; PCR -
 - 5 dogs PCR +
- Cats
 - 3 cats PCR +
- Wildlife
 - mink, otters, weasels, tamandua, beaver, bobcat
 - all Sero/PCR -

UW Covid and Pets Study (CAPS)



**HAVE YOU OR A HOUSEHOLD MEMBER
BEEN RECENTLY DIAGNOSED WITH
COVID-19?
&
DO YOU HAVE PETS IN THE HOME?**



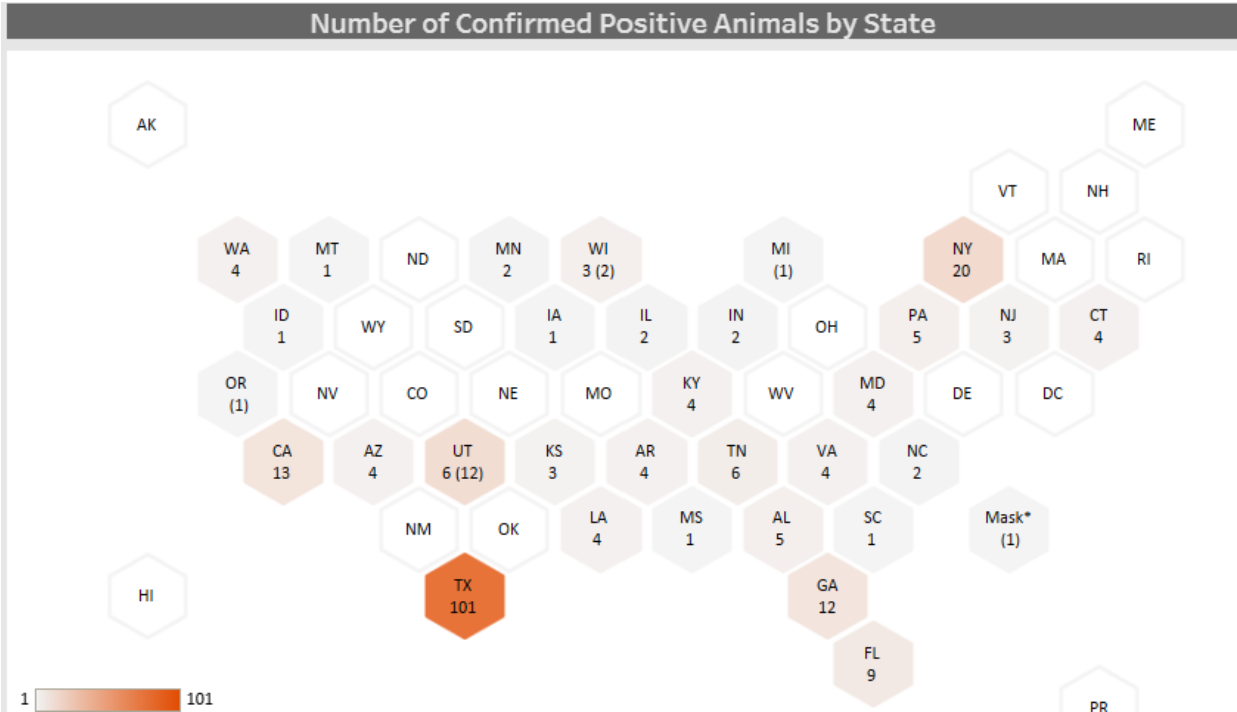
**THE COVID-19 AND PETS STUDY (CAPS) AT THE UNIVERSITY OF
WASHINGTON & WASHINGTON STATE UNIVERSITY IS LOOKING
TO SEE IF COMPANION ANIMALS IN THE HOME ARE
SUSCEPTIBLE TO THIS NOVEL STRAIN OF THE CORONAVIRUS
AND
WHAT THIS MEANS FOR DISEASE TRANSMISSION.**

This study includes:

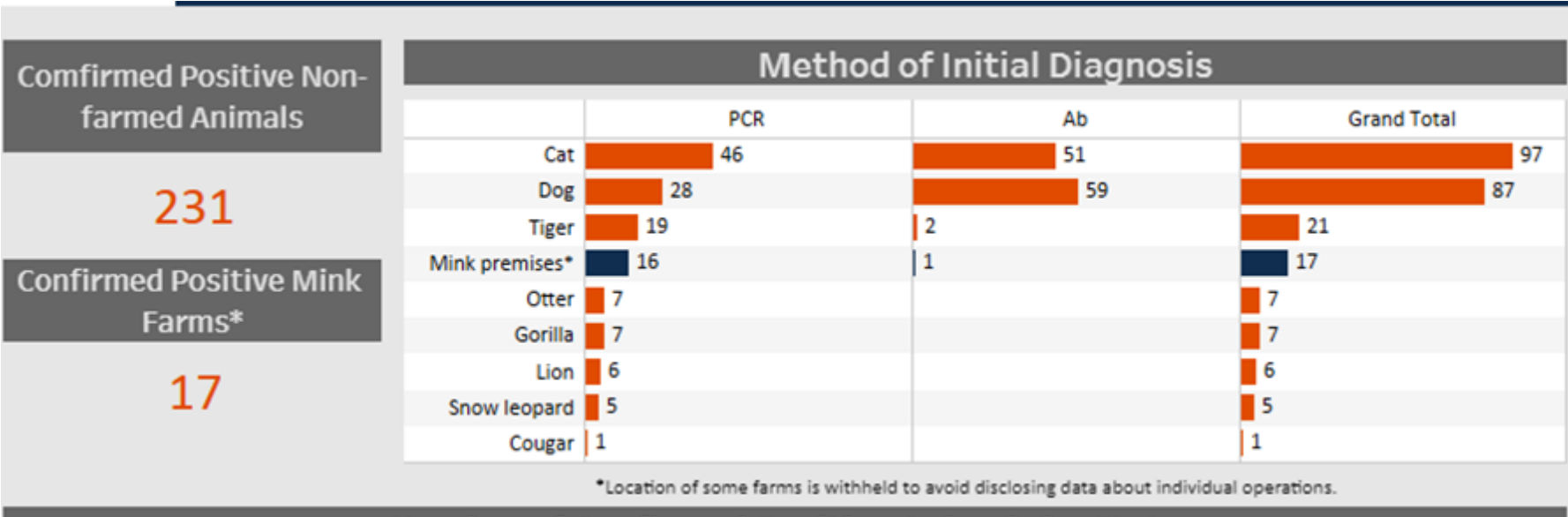
- One short survey
- Collection of one sample from each animal in the home

Please call Vickie Ramirez at 206-685-2654 or email at ramirezv@uw.edu to learn more about the study and to participate! You can also view more and participate at <https://redcap.link/CAPS> (case sensitive)

W  

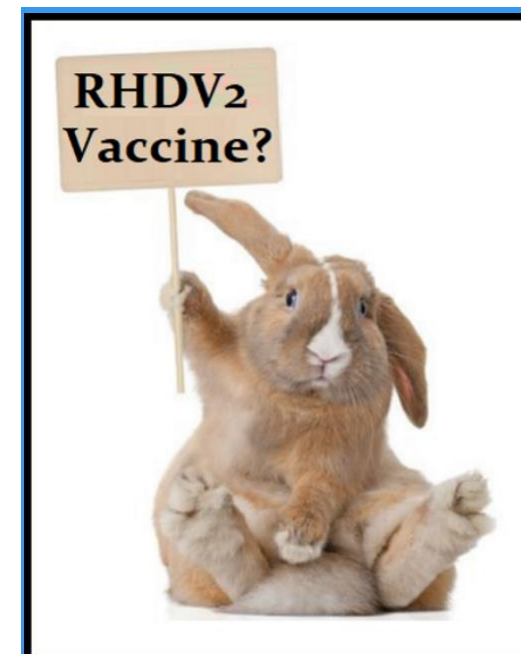
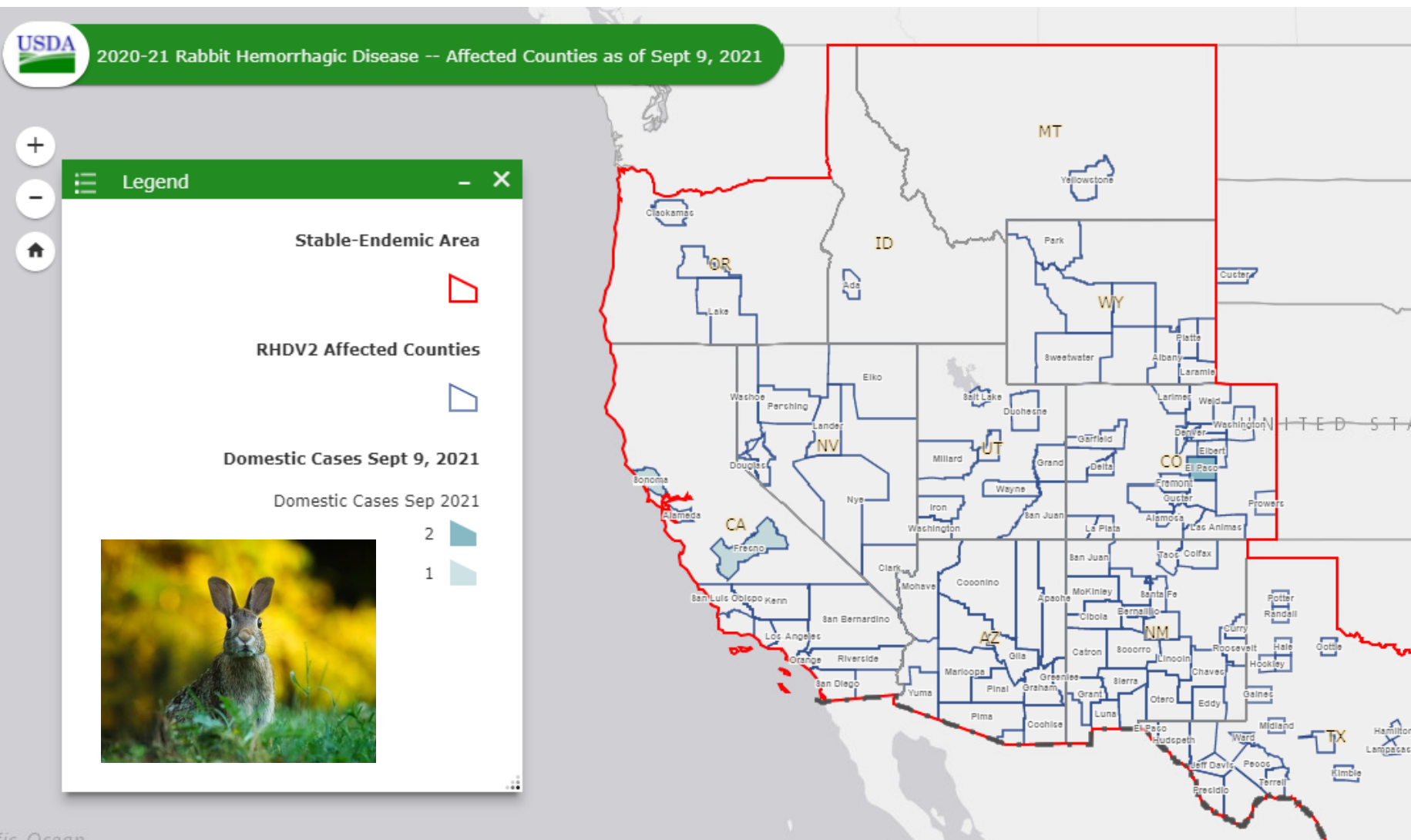


Confirmed Cases of SARS-CoV-2 in the US

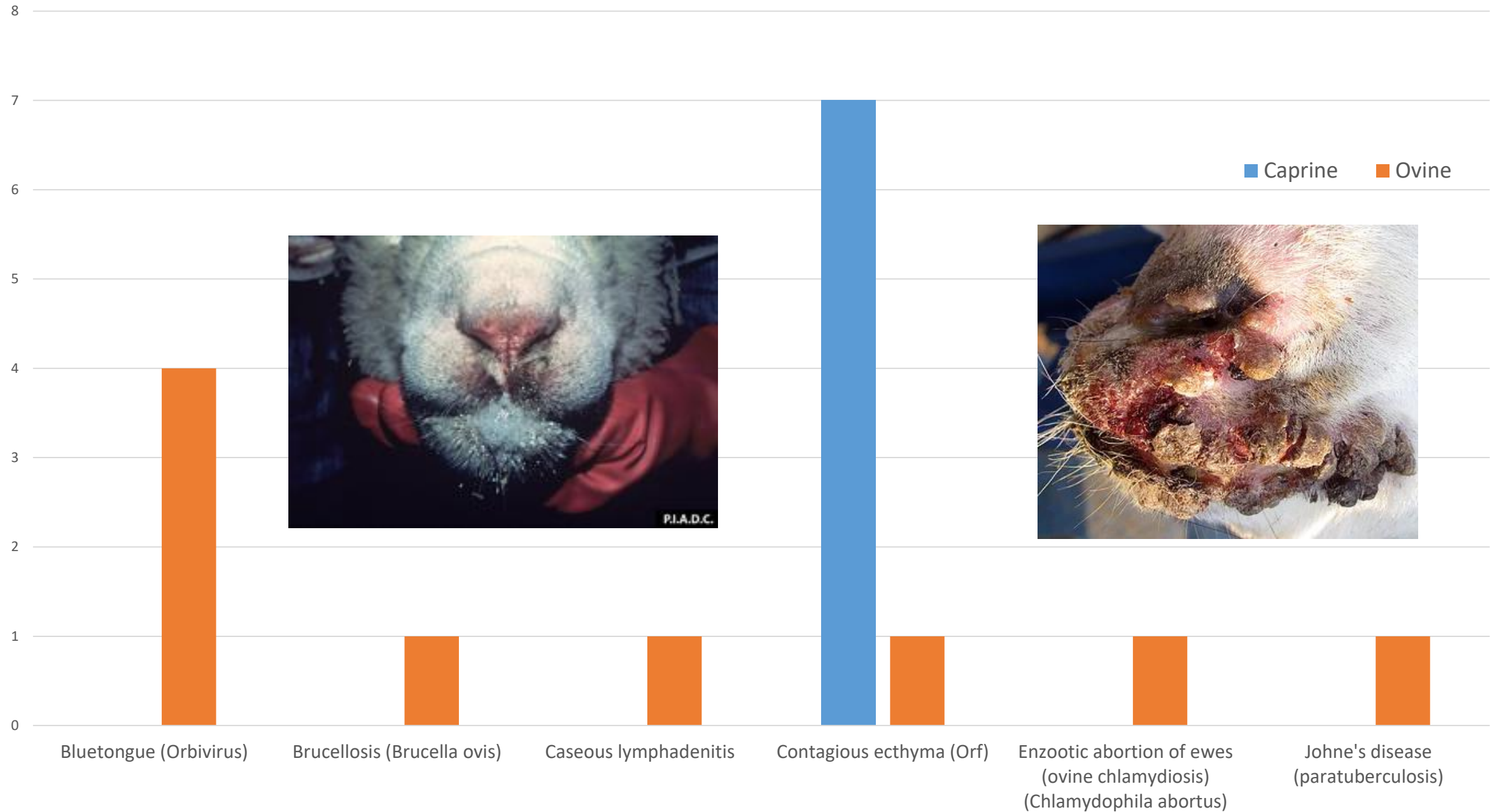


Rabbit Hemorrhagic Disease

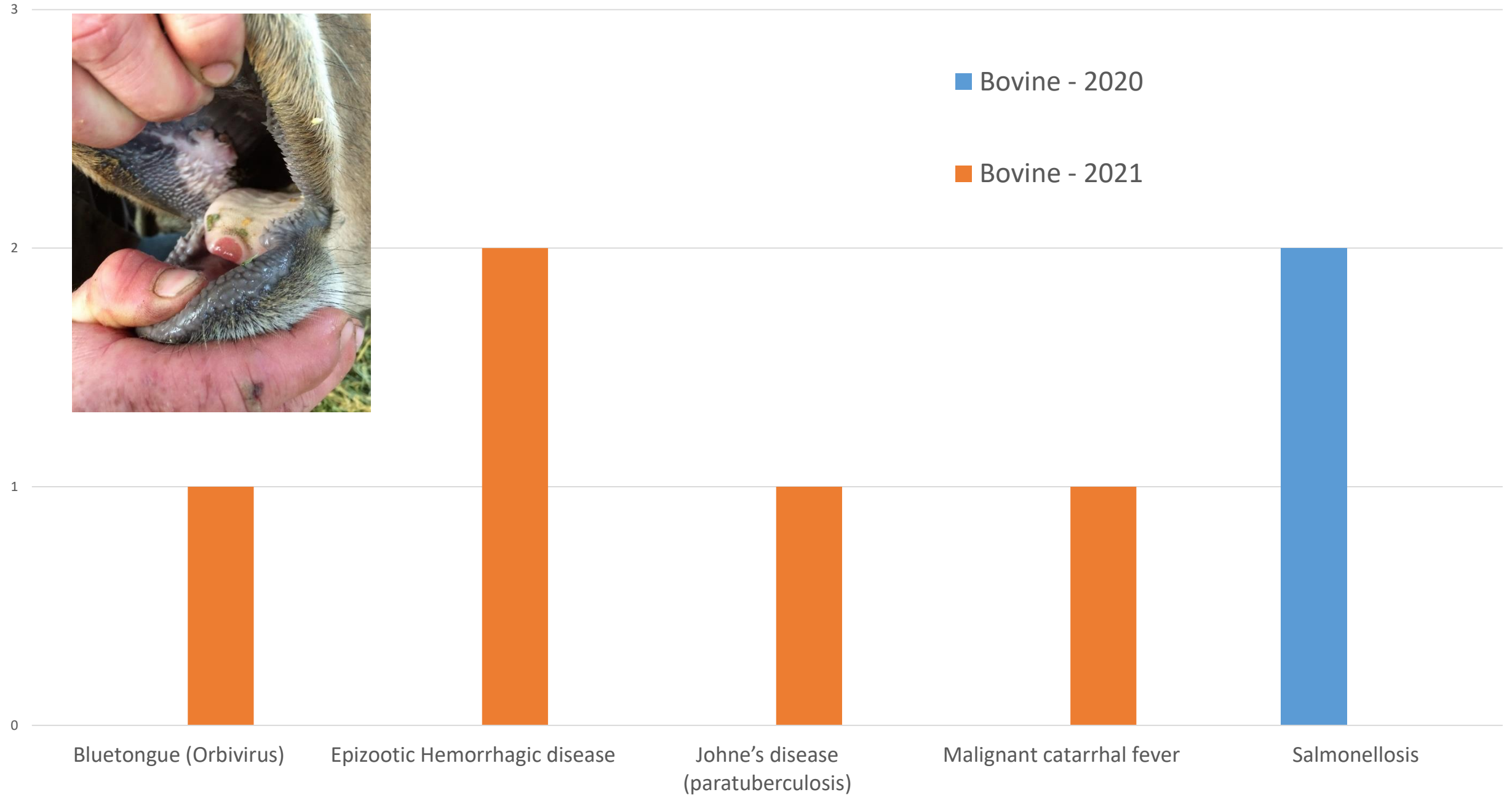
- 15 States
- Medgene Vaccine available NOW.



Reportable Disease Cases in Sheep and Goats



Reportable Disease Cases in Bovine



Epizootic Hemorrhagic Disease and Bluetongue

- **EHD and BTV**

- Orbivirus, often subclinical.
- Biting midges, gnats or "*Culicoides*" species



- Clinical Signs like FMD
 - Fever, anorexia, lethargy, weakness, stiffness/ lameness, respiratory distress, oral cavity ulcers, nasal discharge and excessive salivation
 - Swelling of the head and neck, mucous membranes of the mouth
- WSDA vets follow up with cases in WA cattle to rule out foreign animal diseases.

Sick and Dead Deer Reports

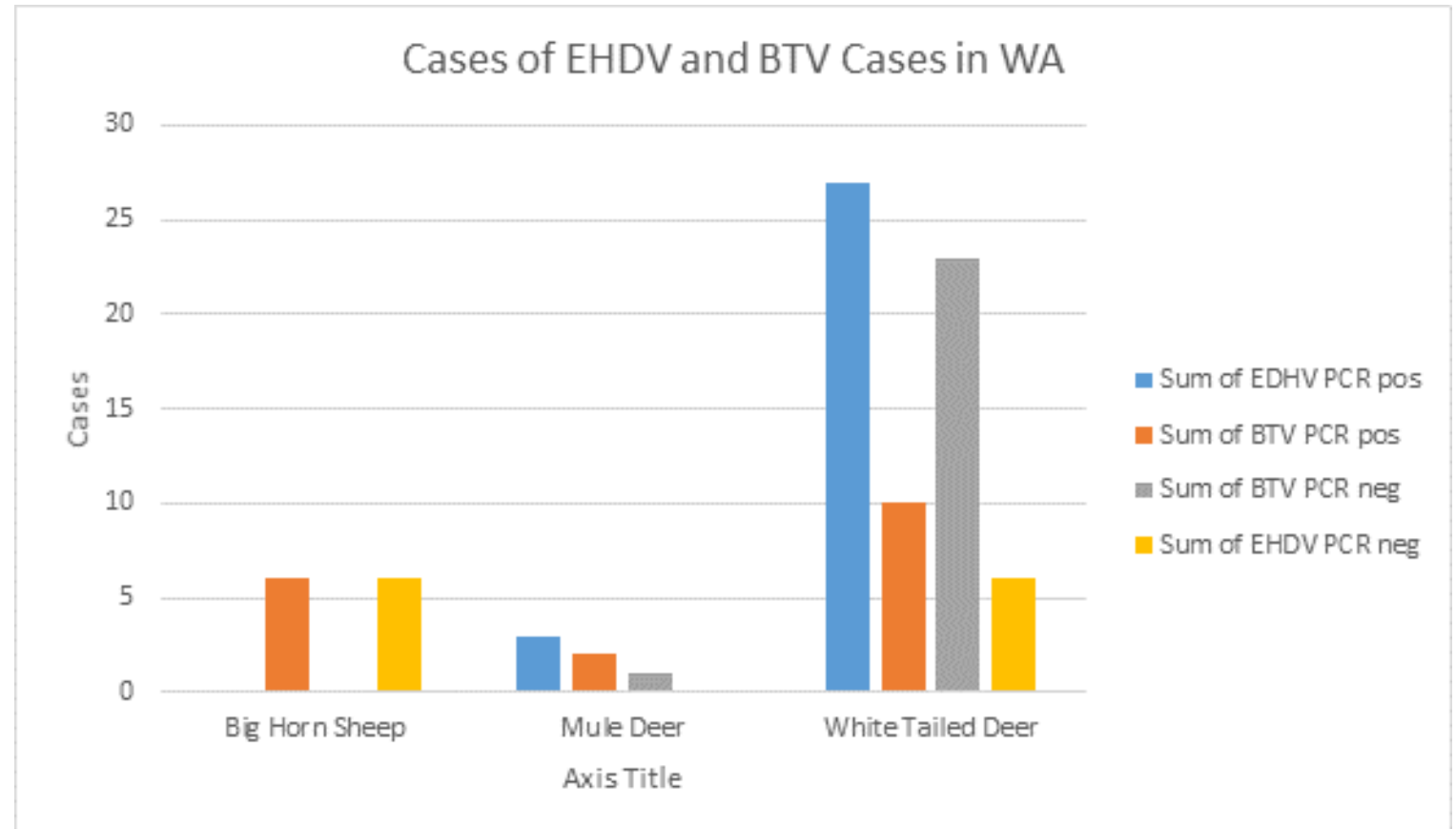
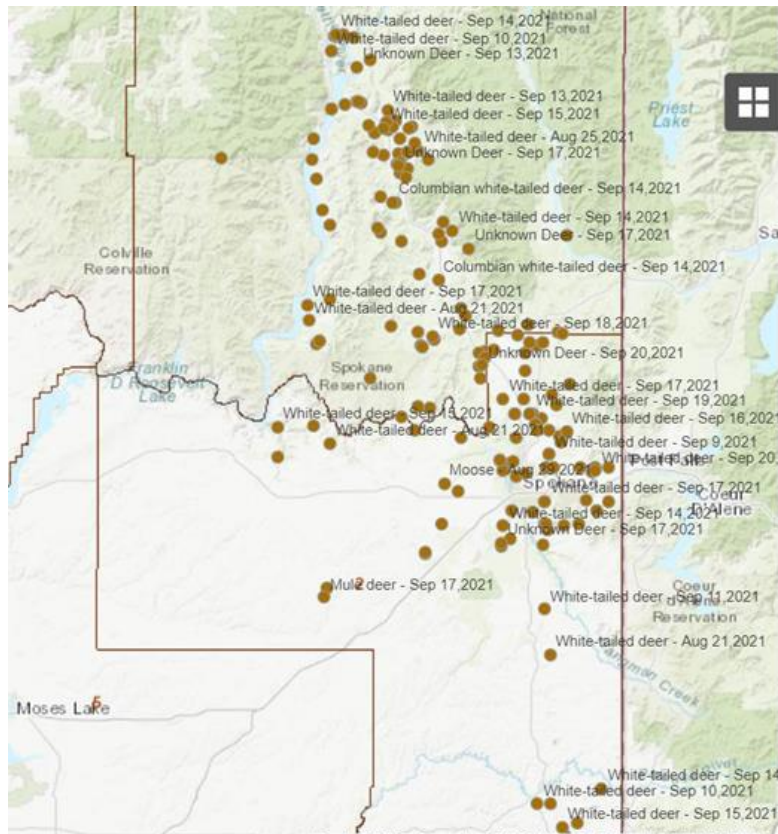
Dr. Kristin Mansfield, Dept of Fish and Wildlife



Washington Department of
Fish and Wildlife

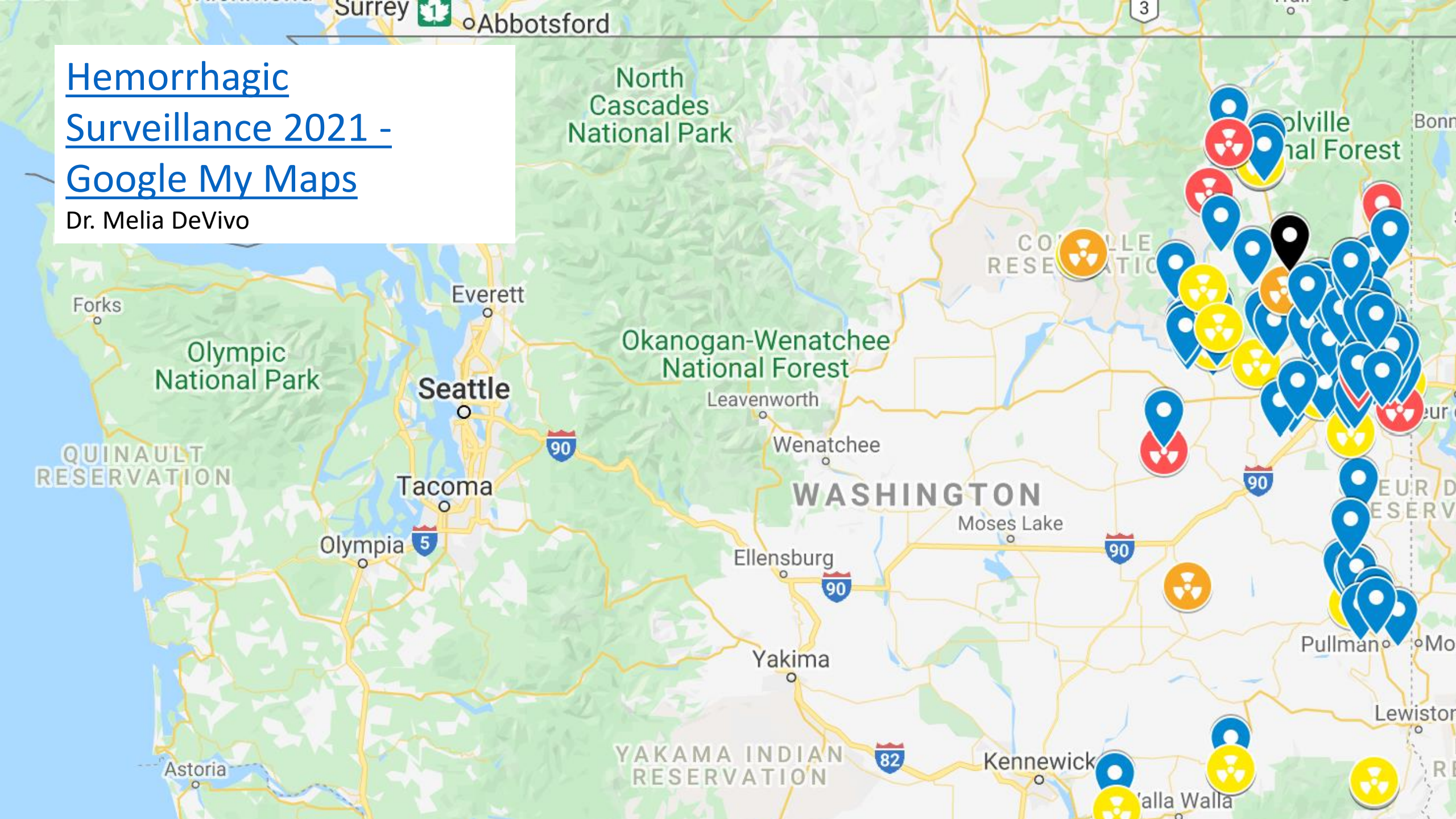


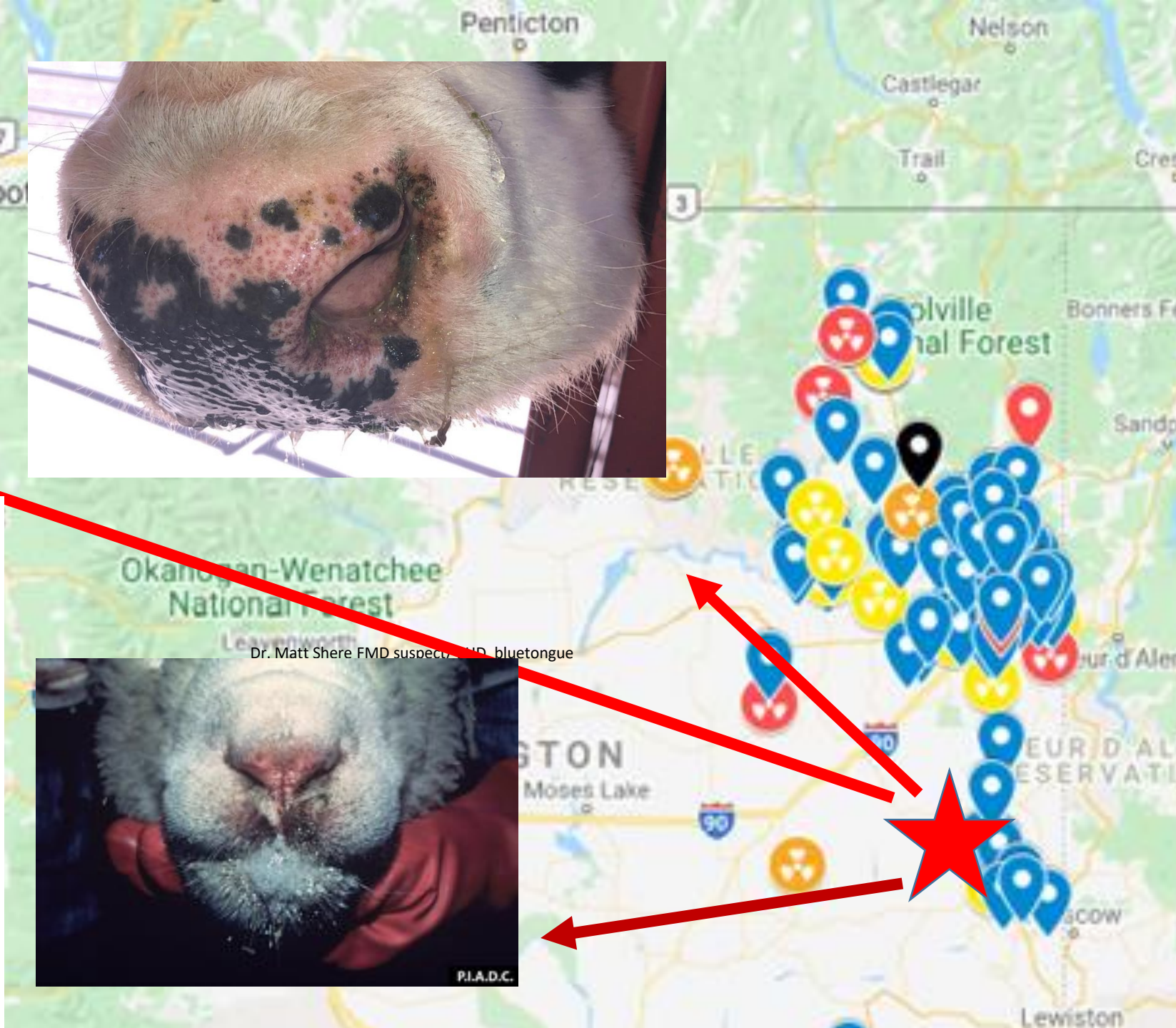
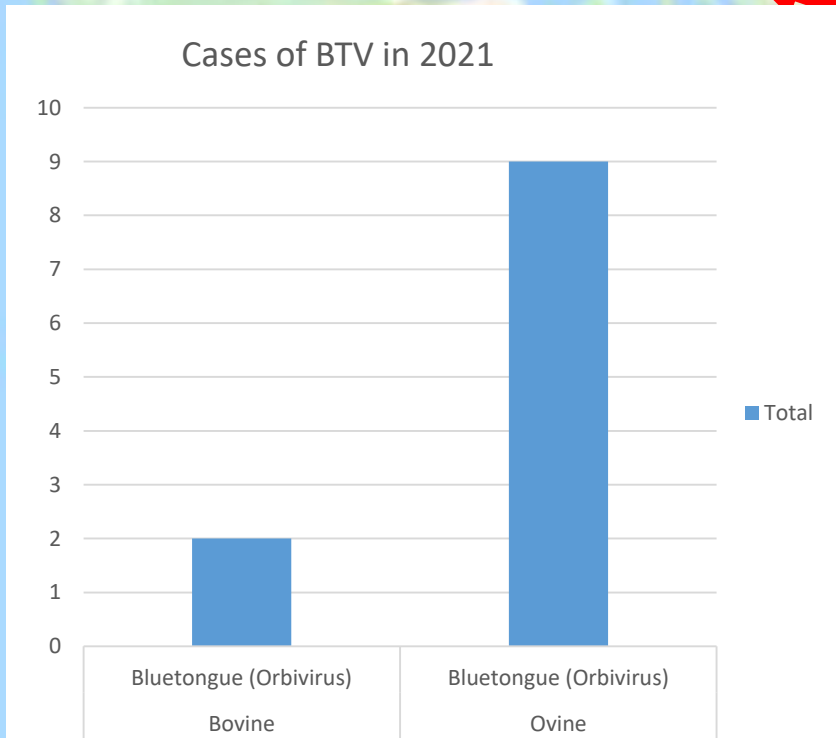
Past 30 days



Hemorrhagic Surveillance 2021 - Google My Maps

Dr. Melia DeVivo

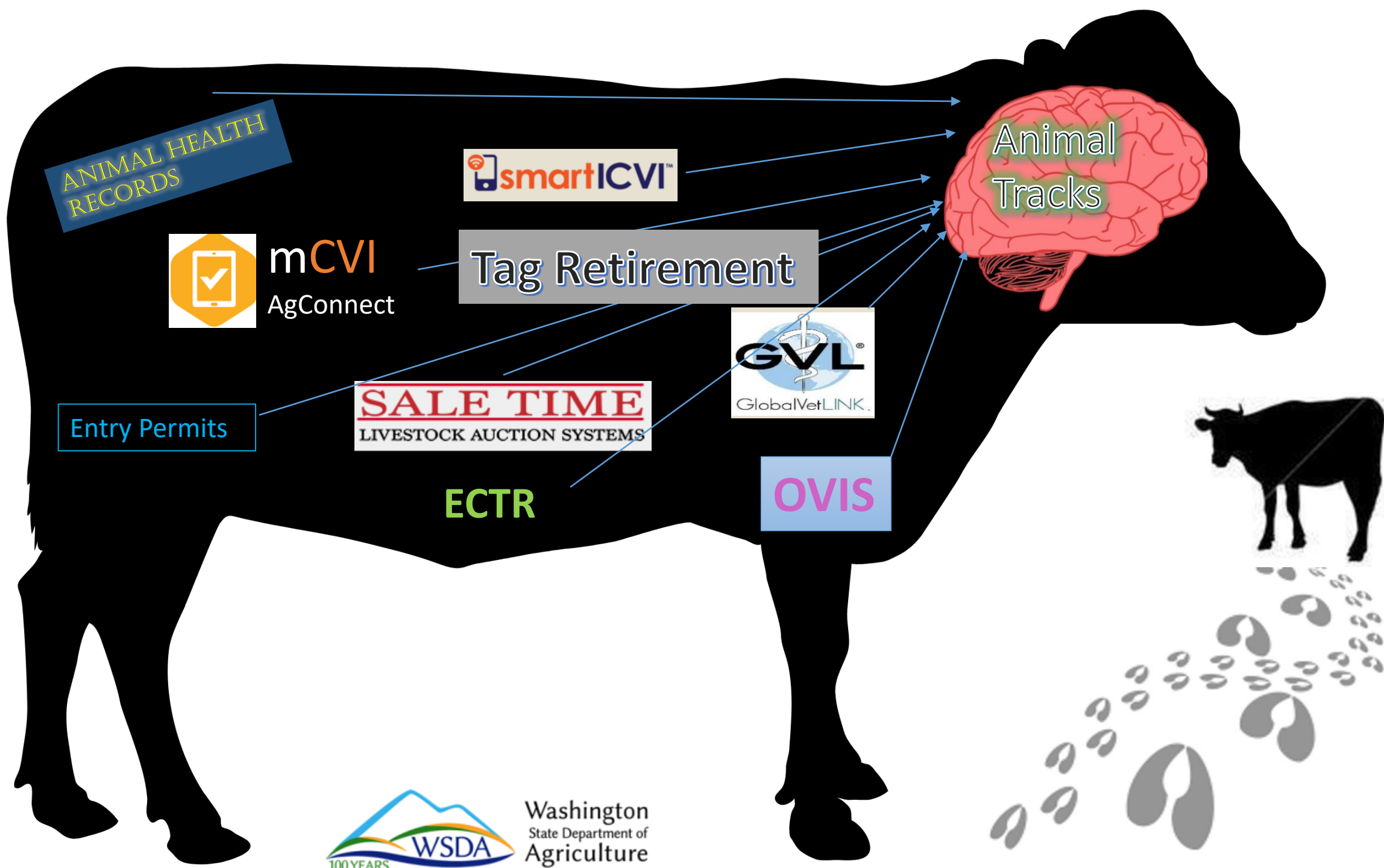






Animal Disease Traceability Results

The Bookend System



ADT Program Results



- **FREE** RFID tags
 - to accredited **vets** for regulatory work
 - to **vets** at livestock markets
 - to LID program ECTR participants
 - to bull calf buying station
 - to select fairs for pilot
- **FREE** RFID Stick Readers
 - **89** WA **veterinarians**.
 - **5** Fairs
- **FREE** Reader Infrastructure
 - **6** Livestock Markets
 - **6** Slaughter Facilities



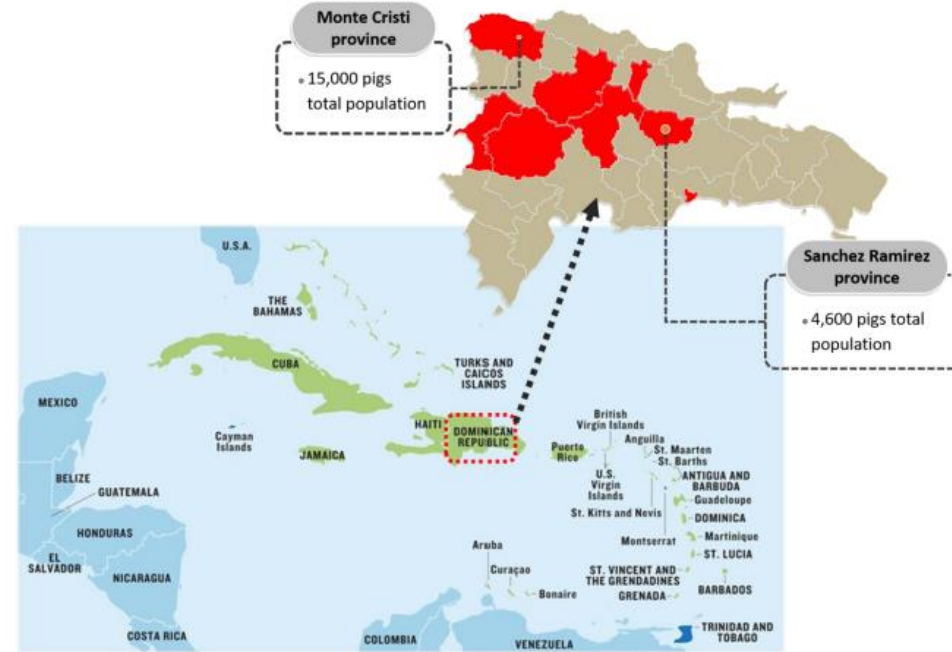
ADT Program Results

- **FREE Veterinary** Regulatory Health Records and eCVIs
 - 98% of CVIS issued by WA **vets** are electronic.
 - 500+ WA **vets** and 74 **vet technicians** have accounts in the [OVIS system](#).
- **FREE Veterinary** Market Module
 - Trace cattle moving intra/interstate
 - Free electronic CVI, brucellosis vaccination/ test records, Trich test record
- **FREE Electronic Tag Retirement**
 - WA can electronically retire tags for 99% of all cattle slaughtered
 - Some large harvest facilities now requiring RFID.



African Swine Fever in Dominican Republic

- Tens of thousands of pigs depopulated
- Detected in 14 of the country's 32 provinces in early August
- Economic losses of around \$180 million.
- Enhanced surveillance in Haiti and Virgin Islands
- Likely arrived through garbage feeding



USDA Issues Federal Order as Part of Establishment of Foreign Animal Disease Protection Zone in Puerto Rico and U.S. Virgin Islands to Protect from African Swine Fever

WASHINGTON, Sept. 17, 2021—The U.S. Department of Agriculture's (USDA) Animal and Plant Health Inspection Service (APHIS) is issuing a [Federal Order](#) suspending the interstate movement of all live swine, swine germplasm, swine products, and swine byproducts from Puerto Rico and the U.S. Virgin Islands to the mainland United States until APHIS can establish sufficient mitigations to authorize such movement. This Federal Order, effective today, is the final action in a series of safeguards needed to establish an African Swine Fever (ASF) protection zone in Puerto Rico and the U.S. Virgin Islands.

Proposed Changes to Animal Health Regs

- **Exhibition Swine Identification Requirements (16-80 WAC):**

- Survey Results revealed the 70% of respondents supported moving forward with requiring official identification for exhibition swine

- **Garbage Feeding**

- [Senate Bill 5300](#) into the legislature proposing changes to RCW 16.36.105 to prohibit garbage feeding to swine in Washington.



Questions?



TEAMWORK

Coming together is a beginning...Keeping together is progress...Working together is a success.

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