# **CFSPH Zoonotic Disease Prevention Outreach Resources:**

Materials to engage with clients and your community



IOWA STATE UNIVERSITY® College of Veterinary Medicine



Zoonotic diseases – diseases that are transmissible between animals and humans – are an important One Health issue impacting animals and humans in rural communities. For both, zoonoses can negatively impact physical health, productivity, food safety, and the livelihood of animal owners and their communities. Individuals in rural settings may be at greater risk of zoonotic disease exposure due to their close contact with animals and animal environments. Veterinarians and their staff have the unique opportunity to interact with clients and community members to raise awareness of the risks and prevention measures that can be taken to reduce illness for themselves, their families, and their animals. The Center for Food Security and Public Health (CFSPH) at Iowa State University has developed a number of zoonotic disease prevention resources for you to use for outreach to your clients and community. All of the materials are free to download and use. You can find these resources at https://www.cfsph.iastate.edu/zoonoses/.

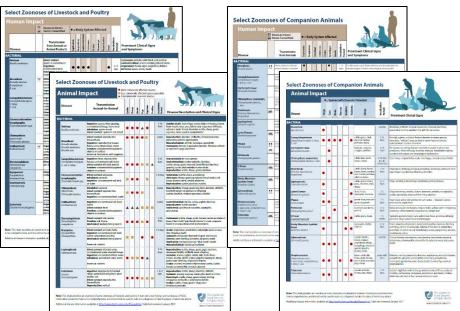
This document describes the resources available and provides suggestions for ways they may be used. We hope you will use these materials extensively. They were developed and designed to help you!

# **Disease Reference and Review Tables**

A variety of resources have been developed to help veterinary personnel refresh their knowledge of zoonotic diseases of concern for agricultural animal species, as well as recognizing risk areas and routes of transmission. These resources serve as quick references, providing visual categorization for potential zoonotic disease impacts for livestock, poultry, and people

## Select Zoonoses of Livestock and Poultry and Select Zoonoses of Companion Animals

These unique reference charts summarize the animal health and human health impacts of zoonotic diseases. Species affected, transmission, incubation periods, and the most common clinical signs in animals and humans are listed.

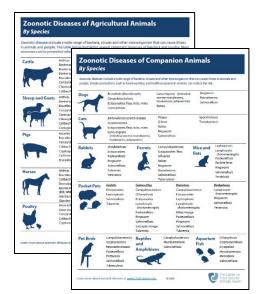


### Zoonotic Diseases – By Species

## Zoonotic Diseases of Livestock and Poultry – By Risk Area

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# Zoonotic Diseases of Companion Animals – By Transmission Routes

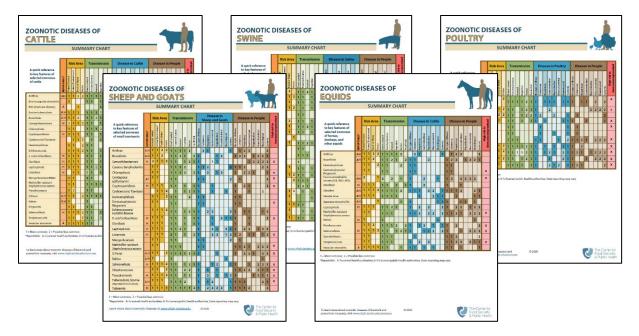


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Animal Contact	Anthrax Bovine papular stomattis Bovine tuberculosis (M. bovis) Encollosis (Brucellos abovis) Campylobactericols Chlamylobis Collbactllosis (Escherichio coli) Contagiose settiyma	Cryptosponidiosis Dermatophilosis (rain scald) Dermatophytosis (Ringworm) Erystpelas Leptospinosis Methicillin-resistant Staphylococcus eureur (MKSA)	Mites (mange) Pseudocowpox Q fever Rables Salmonellosis Streptococcosis Vesicular stomatitis
Animal Environment	Anthrax Ascarials (Acostis suum) Bovine tuberculouis (M. bovis) Brucellosis (Drucella metternata) Campylobacteriosis Caseous lymphaderitis Chilamydiosis Colitacellenci (Bacherichar coft) Contagious ecthyma (orf)	Cryptospondiosis Cystoercosts/Taenasis Dematophytosis (ingworm) Echinococosis Giardiasis Leptospirosis Linteniosis Nipah virus	Psittacosis Q fever Rabies Ahodecoccus equ' Salmonellosis Toxoplasmosis Tusiernia Vesicular stomattis
Food and Water	Rrucellosis (Brucella abortus, R. melitentis) Campylobacteriosis (C. coli) Collbacillosis (Schericher coli) Cryptosporidiosis	Cysticercosis/Taeniasis Giardiasis Hepatitis E Leptospirosis Listenosis	Salmonellosis Toxoplasmosis Trichinellosis Yersiniosis
Vectors	Anthuaz (files) Campylobacteriosis (files) Colibacillosis (Escherichie coli) (files) Ehrlichiosis (tricks) Equine encephalitis viruses (EEE, WEE, VEE) (mosquitces)	Salmonellosis (files) Vesicular stomattis (biting midges) West Nile fever (mosquitoes)	



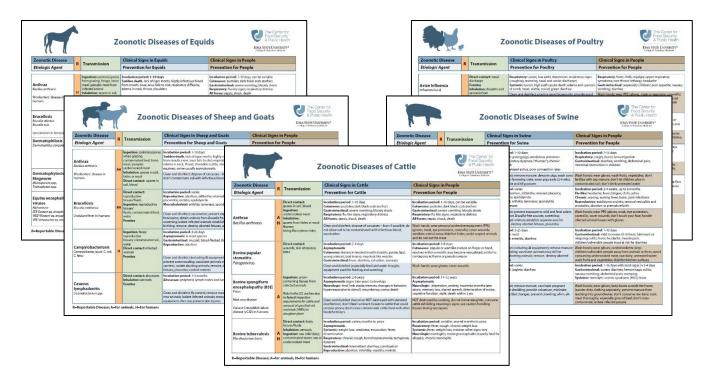
### **Disease Summary Charts – Livestock and Poultry**

These species specific summary tables highlight pertinent zoonotic diseases for each species, as well as key characteristics – including routes of transmission, key clinical signs, risks to immunocompromised individuals, and reportable disease status.



#### **Species Disease and Prevention Tables**

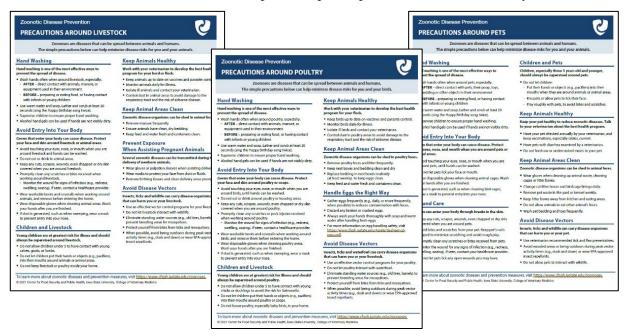
These reference charts summarize key zoonoses for a particular species – cattle, small ruminants, swine, equids, or poultry – and include transmission routes, clinical signs, and preventive measures for animals and for people.



# **Zoonotic Disease Prevention**

#### **Zoonotic Disease Precautions Handouts**

These short handouts are written for clients to provide tips and precautions to use when they are around animals.



#### Stay Safe on the Farm Prevention Posters

Promote zoonoses prevention by displaying these posters in your clinic. These colorful infographics highlight the risks and key prevention measures for zoonoses on the farm.



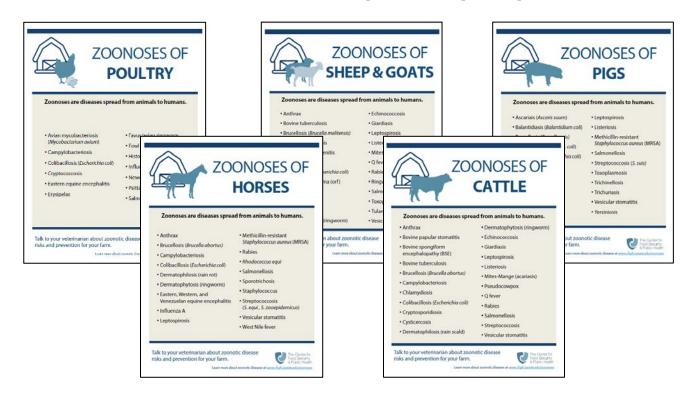
#### Preventing Zoonoses Resources – For Immunocompromised Individuals

These printable resources provide tips for immunocompromised individuals on how to be safe around animals.



#### **Zoonotic Disease By Species Posters**

Raise awareness of zoonotic diseases of concern for farm species with this printable posters.



#### **STEP to Prevent Zoonoses Poster**

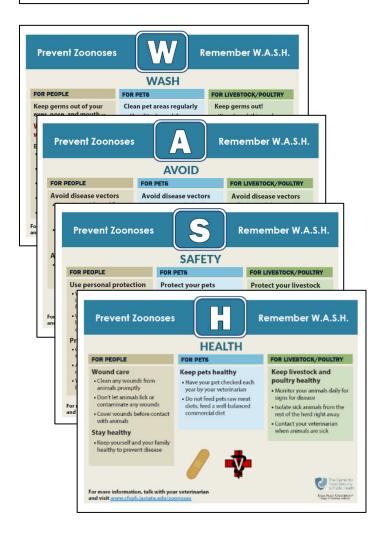
This colorful poster can capture clients attention and guide them on preventing zoonoses, including discussion risks and prevention with you, their veterinarian.



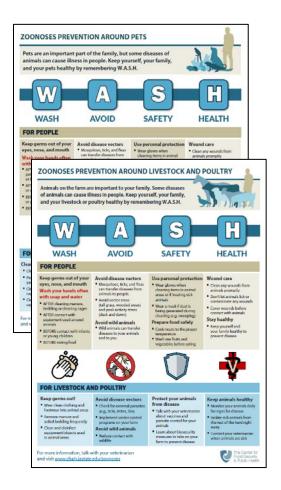
#### WASH Acronym for Prevention.

The W.A.S.H. acronym can help highlight 4 key ways to minimize zoonoses exposure for people and animals. This can also be printed *and posted in your clinic or used as handouts for* clients.



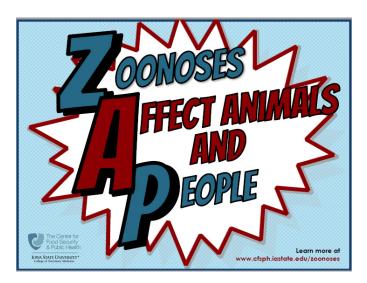




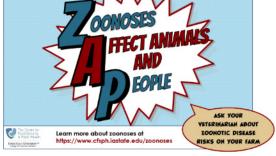


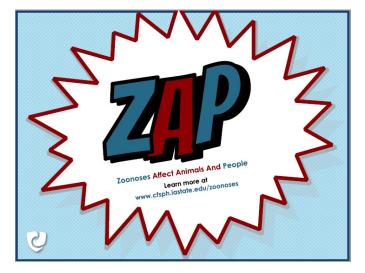
### ZAP: Zoonoses Affect Animals and People Social Media and Clinic Posters

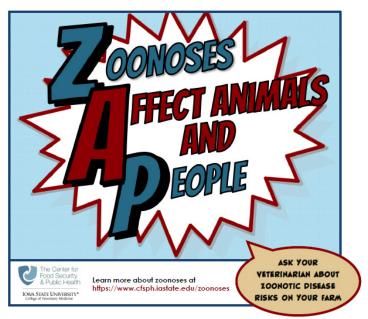
Raise awareness and promote conversations about zoonotic diseases by placing these promotional posters in your clinic, or download the buttons to include on your clinic social media page, newsletter, or in newspaper advertisements. Each are designed to capture client's attention and encourage them to ask you about zoonoses.











# **Resources for Community Education and Outreach**

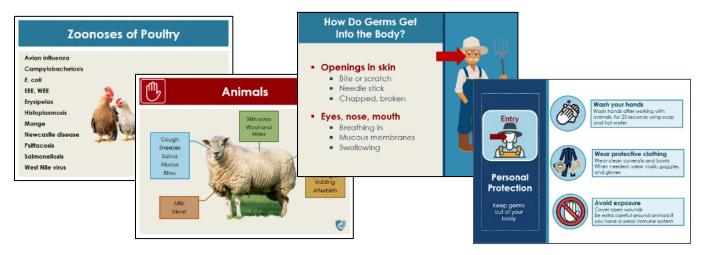
### Species Specific Zoonotic Disease

#### **Presentation Slide Decks**

Engaging with the community not only provides an opportunity to discuss animal health issues and promote zoonotic disease awareness, but it also strengthens community integration, recruits new clientele, and promotes the veterinary profession to community youth. These short, prepared slide decks with speaker notes are ready-to-use, and can help you become involved in your community. Reach out to producer associations, community clubs, and youth agriculture programs and offer to talk to them about zoonoses.



Each presentation focuses on one species - cattle, small ruminants, swine, equines, or poultry – and gives an overview of zoonotic disease risks common for that species and covers prevention practices that can be used to protect human and animal health.



# **Disease Specific Resources**

The CFSPH has a library of disease specific resources as well. Technical factsheet and client FastFacts provide information about the disease in affected species, including people, as well as prevention steps to take for animals and people. The disease image library can help to view clinical characteristics of each disease.

If you are interested in giving presentations about a particular disease, there is a library of prepared slides and speaker notes available for your use.

