

**zoonotic**

**pathogen**

**A specialist in diseases that  
affect groups of people or  
animals.**

**disease outbreak**

**Government agency that protects the health, safety and security of Americans from disease threats.**

**To make free from living microorganisms by using physical or chemical agents.**

**When many people or animals in a specific area become ill in greater numbers than normal.**

**A disease that can spread from animals to people.**

**sterilize**

**Something such as a virus  
or bacterium that causes  
disease.**

**epidemiologist**

**Centers for Disease  
Control and  
Prevention (CDC)**

**A microscopic living organism that can be single or multi celled.**

**Sickness caused by food contaminated with bacteria, parasites or viruses.**

**The time between being exposed to a pathogen and when symptoms begin.**

**The amount of time it takes for medicine given to a production animal to decrease to a safe, acceptable level so the animal can be milked or harvested for food.**



**fomite**

**virus**

# **microorganism**

**Small infectious agent that  
can only reproduce inside  
the host cell it infects.**

**A highly contagious  
respiratory disease.**

**Bacteria that often cause  
food poisoning in humans,  
commonly found in chicken  
and egg products.**

**Bacteria that often affect the intestinal track (gut) and cause severe diarrhea, and are associated with fecal contamination.**

***Salmonella***

**A living organism (usually a biting insect) that can transfer a disease from one animal or plant to another.**

**Separation and restriction of the movement of people or animals that may have been exposed to an infectious disease to see if they become sick.**

# **blood-borne pathogen**

**fungi**

**A microorganism in blood  
that can cause disease,  
usually transferred by  
needles or biting insects.**

**influenza**

# **vaccination**

**A government agency focused on food, agriculture, natural resources, rural development, nutrition and the public policy related to these issues.**



**symptoms**

***E. Coli***  
***(Escherichia coli)***

**The person in charge of receiving notification of reportable animal diseases from all laboratories and veterinarians in the state.**

**An object such as a car, boots or even door knobs, that can help carry pathogens from one location to another.**

**foodborne illness**

**vector**

**Multi-celled (Eukaryotic)  
organisms such as yeasts,  
molds and mushrooms.**

**quarantine**

**A harmless version of a microorganism that is introduced to humans or animals to help stimulate immunity, making them resistant to infection by that microorganism.**

**Physical changes in an animal or person caused by a pathogen that are often non-specific (for example, fever, body aches) that may indicate disease being present.**

**United States  
Department of  
Agriculture  
(USDA)**

**bacteria**

**Single-celled (Prokaryotic)  
living microorganisms that  
can cause disease.**

**incubation period**

**withdrawal period**

**state veterinarian**





# BE A "ZOOONOTIC" DISEASE DETECTIVE

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