

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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