Biosecurity
Finding Sources of Disease Transmission Risk

Learning Objectives
By the end of this module, you’ll be able to:
- Identify categories of disease agents
- Evaluate disease transmission risks
- Develop strategies to protect against disease transmission in a given situation

To prepare for your investigation, select each image to review some basic information:
- Agent
- Vehicle
- Route of transmission
- Incubation
- Host
- Mode of transmission
- Inoculum

For disease to happen, we need three factors:
- Agent
- Environment
- Host

Your Role: Biosecurity Investigator
Your Mission: Find potential sources of disease transmission risk

There has been an animal disease outbreak in a neighboring state. It seems to be swine fever, a type of acute porcine respiratory disease. It's spreading rapidly, and the state government has declared a state of emergency. There have been cases of swine fever in the region. This has the agricultural community worried about their animals and businesses.

To learn more about Biosecurity, you have volunteered to visit a local farm and look for signs of a contagious disease. Can you help the farmers? You will produce a report listing the potential sources of disease transmission and why each one is a risk.