

## Epidemiology Series

### Epidemiology for Preparedness

Online module that describes ways in which epidemiology is utilized in a variety of preparedness activities. The module introduces participants to the basics of public health epidemiology and describes ways that preparedness principles and command structures can be applied to every day activities to help familiarize public health professionals with the incident command structure

#### Learning Objectives:

- Describe different types of epidemiological studies.
- Define the basic measures of association used to describe an event or exposure.
- Describe what an Epi Curve is and how epidemiologists use them during an outbreak investigation.
- List some of the main purposes and goals of surveillance.
- Describe the four common types of surveillance systems in place in Arizona.
- Describe the past and current uses of surveillance systems in Arizona.
- Explain the general structure of an Incident Command System and how this system can be applied to the day-to-day operations of a Communicable Disease Division.
- Describe some of the potential roles an Epidemiologist may play in different emergency scenarios.