



Introduction to Statistics and Epidemiology in Infection Prevention

Presented by the Rhode Island HAI Prevention and Antimicrobial Stewardship Coalition



This **FREE** series aims to:

- Provide introductory lessons in statistics and epidemiology related to infection prevention
- Assist in the interpretation of facility-level data reports related to infection prevention

Access this series on **The Learning Center** at www.Learning4Quality.org.

What does this cover?

Through **interactive and self-paced** modules, learn about public health tools used in infection prevention and control. Modules include:

- **Introduction to Statistics:** a fundamental component of healthcare
- **Mean, Median, and Mode:** help quantify the spread of data
- **Standard Deviation and Range:** evaluate and interpret data variability

What will future modules cover?

- Interpreting infection prevention measures
- Using Microsoft Excel to collect and analyze your data

How can this course help me?

- Develop a deeper understanding of how statistics and epidemiology are used to inform your clinical work
- Harness surveillance, data collection, statistical analysis and reporting skills to inform clinical leadership
- Learn to monitor population health at your facility

