

**Workshop Title:**

Using Large Public Health Data Sets in Health Economics Research

**Workshop Overview:**

This half-day workshop is designed to introduce methods and materials for analysis of large public health data sets to health economics researchers. The workshop will present an overview of the portfolio of data sets from CDC's National Center for Health Statistics as well as analytic methods and materials. Examples will come from NCHS data sets. The workshop will begin with an overview of NCHS data sets, including survey design, content, analytic considerations, and examples of data findings. This will be followed by presentation of examples of the use of NCHS data sets by health economics researchers. One presentation will include an analytic "question of interest," identify NCHS data sets for use in addressing the question, describe appropriate analytic tools for answering the question, and describe steps in the process of using NCHS data in the analysis. Presentation will include consideration of issues of sampling, weighting, and appropriate statistical software for analysis with specific data sets. The workshop will conclude with a presentation on how to use the NCHS website and other resources to identify and access data and documentation for topics of interest.

Upon completion, participants will be able to: 1) identify major data systems of NCHS and describe data collection methods and survey content; 2) describe examples of analytic uses of data sets; 3) understand the complexities of data sets and assess appropriate statistical methods for analysis of data; and 4) identify how to access data and documentation from NCHS.

**Workshop Faculty:**

Analysts at CDC's National Center for Health Statistics and selected university faculty

**Expected Audience:**

This workshop is designed for health economics researchers who have experience in analyzing statistical data and who can benefit from learning more about the opportunities for--and analytic considerations involved in--using NCHS data sets in research.