

UNC Injury Prevention Research Center
Biostatistics Core Unit

The UNC IPRC Biostatistics Core Unit can provide multiple levels of service to meet the needs of each client. The Unit **advises, assists, and conducts** the following statistical and IT functions:

Statistical Services:

1. Statistical Programming and Analysis, including expertise in:
 - Statistical applications software, such as SAS, SPSS, Stata, SUDAAN, nQuery
 - Epidemiological and evaluation research methods
2. Proposal Development, including:
 - Developing and reviewing methods sections
 - Performing power calculations
3. Database Management, including:
 - Processing data and managing data files
 - Developing database documentation
 - Providing advise on systems software
4. Manuscripts and Presentations, including:
 - Reviewing statistical analytic methods
 - Writing methods sections
5. Secondary Data, including:
 - Identifying and accessing data for secondary data analysis
 - Providing user support on a variety of injury databases

IT Services:

1. Database Archival and Data Retrieval, including:
 - Developing and implementing database storage and archival procedures
 - Providing user support for injury databases
2. Web-Based Data Dissemination and Collection, including:
 - Distributing reports and data via the web
 - Implementing dissemination for publicly-funded projects
 - Providing user support on the collection of information through web applications
3. Advanced Server Capabilities, including:
 - Modern and stable hardware
 - High-speed connectivity with ATN to address large and complex computing needs