## GENERAL DESCRIPTION

Performs complex (journey-level) statistical work. Work involves planning, developing, and presenting statistical data and reports. May provide guidance to others. Works under general supervision, with moderate latitude for the use of initiative and independent judgment.

## EXAMPLES OF WORK PERFORMED

Plans, develops, and presents statistical data and reports.

Plans data collection methods and determines the types and sizes of sample groups.

Conducts and administers surveys and other data gathering methods.

Prepares, compiles, tests, analyzes, and interprets statistical data.

Prepares and analyzes statistical reports, charts, and tables.

Prepares professional papers and reports.

Maintains statistical records and databases.

Assists in evaluating statistical methods and procedures used to obtain data to ensure validity, applicability, efficiency, and accuracy.

May provide guidance to others.

Performs related work as assigned.

## GENERAL QUALIFICATION GUIDELINES

### EXPERIENCE AND EDUCATION

Experience in compiling, analyzing, and interpreting statistical data. Graduation from an accredited four-year college or university with major coursework in statistics, mathematics, computer science, or a related field is generally preferred. Experience and education may be substituted for one another.
KNOWLEDGE, SKILLS, AND ABILITIES

Knowledge of statistics and mathematics, of statistical methods and formulas, of research techniques, and of the sources and availability of information.

Skill in the use of a computer, applicable software, and statistical tools and databases.

Ability to develop statistical reports; to compile, analyze, and interpret statistical data; to conduct qualitative and quantitative analysis; to communicate effectively; and to provide guidance to others.