

COURT STATISTICIAN 7240

Distinguishing Characteristics of Work

This is a responsible mid-level technical, analytical, and research position in the statistical programs section of Court Services in the Office of the State Courts Administrator (OSCA). The Court Statistician is responsible for preparing projections of district, circuit, and county court case filings and dispositions using sophisticated computer statistical modeling techniques. These analyses are used for determining the need for additional judges, forecasting fiscal expenditure trends, and in allocating budget funds and program staffing. This position is responsible for the collection, verification, and presentation of data provided to and requested by the OSCA. The Court Statistician is also responsible for technical support to consultants and team leaders.

Education and Training Guidelines

Graduation from an accredited four-year college or university with a major in statistics or mathematics and two years of experience in using statistics in a professional work environment.

A master's degree in an area cited above may substitute for two years of the recommended experience.

Knowledge, Skills and Abilities

Knowledge of and ability to conduct specialized statistical analyses including ARIMA univariate Box-Jenkins modeling. Knowledge of and ability to apply statistical procedures and principles such as: descriptive statistics, sampling, analysis of variance, linear and multiple regression, time series, and hypothesis testing. Knowledge of and ability to use PC applications including WordPerfect, QuattroPro, InfoMaker, and SPSS (or comparable software applications). Skill at evaluating the statistical requirements for projects and information requests and in making recommendations to consultants and team leaders. Ability to appraise the quality of statistical data and databases. Ability to present the results of complex statistical analysis in a manner that can be understood by lay persons. Ability to communicate effectively with persons requesting data to determine their information needs. Ability to plan and organize assignments and projects based on the time available and staff's abilities and skills.

Effective: July 1, 1999