

ECONOMETRICIAN**Nature of Work**

Under general supervision, at the full-performance level, performs complex economic and tax-related research work in analyzing tax issues and policies and their impact on economic and fiscal conditions. Works with statistical models of financial, economic and revenue systems that are theoretically and empirically valid which others can use as forecasting and estimating tools. The Econometrician possesses significant knowledge in the fields of statistics and economics, and utilizes those skills to model the interaction between economic activity and tax revenues. Exercises independent judgement in determining action taken. Uses considerable latitude in varying methods and procedures to achieve desired results. This class may function in a lead or supervisory capacity. Performs related work as required.

Examples of Work

Develops statistical information on tax programs and consults with the director or state tax commissioner on statistics/economics issues related to taxation.

Develops revenue-related databases, publishes statistical reports that summarize those databases and conducts special or recurrent economic studies and analyses to facilitate both short and long range revenue and taxation planning.

Supports staff work leading to recommendations about existing and new revenue, financial activity, economic development and operational programs according to requirements of tax law, economic efficiency, equity, revenue stability, budget impacts and administration.

Determines the impact on the state's economy and tax structure of federal legislation, policies and/or national or regional economic trends by reviewing and analyzing pending state legislation and by applying various analytical techniques.

Supports staff work leading to the development of revenue estimates for both short-term periods and the long-term.

Designs and constructs large-scale and complex databases for collection, storage, and retrieval of statistical information related to tax programs. Produces statistical publications and reports that describe tax programs and research results.

Develops methods to be employed in projects by continual evaluation and modifications of the techniques involved.

Analyzes tax and economic data by using computer programming or software packages.

ECONOMETRICIAN (CONT'D)**Examples of Work (cont'd)**

Designs and conducts research projects involving economic forecasting, legislative analysis, or special studies related to taxation. Applies economic theory and statistical methods to questions relating to tax systems and tax administration.

Provides advice to other divisions or departments regarding sample design and statistical/economic analysis.

Obtains tax structure and collections data from other public or private agencies.

Provides revenue-related data and non-mathematical information to other agencies and governmental units, elected officials, academics, media and the public.

Prepares comprehensive reports or narratives.

Attends meetings with public officials and other representatives.

May function in a lead or supervisory capacity.

Knowledge, Skills and Abilities

Knowledge of state and federal laws, rules and regulations pertaining to taxation.

Knowledge of statistical techniques and research methods.

Knowledge of economic theory and analysis and the interpretation of the measures and indicators of economic activity.

Knowledge of computer applications.

Skill in the oral and written presentation of factual material.

Ability to develop and maintain econometric models of state economic activity.

Ability to develop and maintain micro-simulation tax models.

Ability to analyze facts and data to arrive at a logical conclusion based on these facts and data.

Ability to apply various economic and statistical models to complex problems.

Ability to establish and maintain an effective working relationship with state and federal government officials, business and industry officials and public interest groups.

Ability to apply computer programming techniques to analyze data.

ECONOMETRICIAN (CONT'D)

Minimum Qualifications

Training: A master's degree from an accredited university in public or business administration, economics, statistics, mathematics, public policy, finance, or a closely related field including a course in econometrics.

Substitution: Bachelor's degree in any of above disciplines plus two years experience in econometric modeling and analysis may substitute for the required training.

Established: 6/19/03
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