

Market Range Detail - Regression Modeler Chief

Effective Date

October 17, 2011

Market Range Title Description

PURPOSE STATEMENT

Provides the highest internal level of modeling expertise in the Assessor's Office to support the refinement and execution of regression and advanced statistical models used for property valuation in Maricopa County. Reviews and approves all CAMA models for recommendation to and decision by the Chief Appraiser and Assessor. As directed by the Supervisor CAMA, personally produces advanced regression models, and develops modeling guidelines, standards, and protocols to ensure that the Assessor's Office is in compliance with statutory guidelines and deadlines.

PRIMARY DUTIES

- Ensures that the Assessor's Office meets statutory property valuation deadlines and guidelines by reviewing and approving all CAMA models for recommendation to and approval by the Chief Appraiser and the Assessor. Also, by designing and executing mass appraisal models, statistical models and computer programs produces fair and equitable property values in a timely and accurate manner. Models produced by the Chief Modeler will typically be those requiring advanced skills and understanding of both statistical/modeling techniques and the property market.
- Assures the quality of models personally produced by testing, programming and investigating and correcting data anomalies and making adjustments to the models and programs. Utilizes SPSS and advanced modeling techniques to do so.
- Assures the quality of models produced by the CAMA team by working with the Supervisor CAMA to develops modeling protocols, standards, and tools for consistent application within the CAMA unit, reviewing models produced and property values generated by members of the CAMA unit as assigned by the Supervisor.
- Contributes to the quality control of values by producing reports, analyzing information and data, identifying and correcting data problems, and working with appraisers to obtain additional information as necessary.
- Contributes to problem resolution by working on complex property modeling issues, providing a source of expertise to CAMA modelers and appraisers, working in concert with the Supervisor to advise Assessor leadership of issues as well as respond to their requests, and working collaboratively to redesign and re-run programs, conduct special analysis, and recommend and enact solutions.
- Helps advance the skills of the modelers in CAMA by providing training and support at the direction of the Supervisor, as well as being an ad hoc technical resource to the modelers.
- Supports the refinement of existing models and the development of new models and tools by working with the Supervisor to identify enhancements, simplifications and changes in the modeling process, data collection, analysis and reporting standards. Conducts special assignments as directed by the Supervisor.

Market Range

Minimum Hourly Rate	Midpoint / Hiring Maximum	Maximum Hourly Rate
\$35.18	\$43.94	\$52.69

Likely Minimum Qualifications

- Bachelor's degree in Economics, Computer Science, Statistics, Business Administration or a related discipline which includes a significant amount of statistics/quantitative analysis.
- Seven to ten years experience in computer assisted mass appraisal, multiple regression analysis or sales ratio studies.
- Other combinations of education and experience may be considered in substitution for the minimum qualifications

Glossary:

Market Range Title: Broad grouping of related positions with like job responsibilities and qualifications. Market Range Titles typically include positions ranging from entry level to senior/lead level unless indicated otherwise.

Effective date: The date the salary range was implemented for use.

Market Range Title Description: Broad description of sample job duties and responsibilities of positions included in the Market Range Title. Each position included in a Market Range Title also has a job description that is specific to the department. Departments are responsible for writing and maintaining job descriptions for positions in their department. Employee Compensation is responsible for writing and maintaining Market Range Title Descriptions.

Likely Minimum Qualifications: Typical minimum qualifications for positions assigned to the Market Range Title. Because a broad group of jobs in different departments are included in a Market Range Title, minimum and preferred qualifications may vary slightly depending on the area of assignment.

Market Range: The minimum, midpoint, and maximum salary points for all positions included in the Market Range Title.

Hiring Range: The hiring range for all positions is ordinarily the minimum of the market range to the midpoint. The use of a different hiring range must be approved by Employee Compensation. Departments should use a hiring range that is within their funding capabilities and are required to comply with the County's Funded Position Policy ensuring that applicants are extended a rate that is supported by the department's budget.

Working Title: The specific title used by a department to identify a position within their organizational structure. Use of working titles is flexible and aimed to assist departments in identifying the unique functions and responsibilities of each position and is representative of the assigned Market Range Title. Ordinarily, supervisory and/or managerial titles should not be used for positions not assigned to a supervisory and/or manager Market Range Title.