

Market Range Detail - Epidemiologist Principal

Effective Date

October 13, 2014

Market Range Title Description

To lead scientific investigations within the epidemiology division, expand current knowledge of issues of public health importance, provide data and define programmatic corrective actions to alleviate adverse health effects and propose practices or policies that will promote and protect public health. Serve as an epidemiology, informatics and systems subject matter expert for the Epidemiology Program, Maricopa County, Department of Public Health and serves as an Epidemiology liaison to internal and external partners.

Conduct the most complex or specialized work assignments within the Epidemiology Program. Serve as a liaison and provide epidemiology and analysis subject matter expertise to other Maricopa County Department of Public Health Division administrators, programs and staff. Assist with development and management of epidemiology projects to support Department programmatic activities, grant applications and public health policy initiatives. Work with management to delegate projects among the employees in the program, ensure the scientific validity of team member projects and consult on analyses and conclusions. Manage completion and composition of project results and present conclusions. Analyze and assist in the development of statistical data sets, databases, or surveillance systems for proper organization and treatment of data and to ensure quality assurance. Write proposed protocols, policies and procedures, and oversee the design and use of databases for analysis of health problems. Provide subject matter expertise for data analysis projects, develop systems to rapidly fulfill data requests and assure quality and accuracy of data. Provide technical assistance to Epidemiology staff, communities and outside partners with respect to surveillance and other epidemiologic data and evaluation. Work as a liaison with outside data generating entities to develop and maintain partnerships for sharing and using data as needed. Recommend revisions to scientific writing or public health practices based on laboratory, statistical and/or research implications which include designing methods for literature reviews. Develop protocols, policies and procedures related to the epidemiologic activities. Provide training and education to medical providers, epidemiology staff, and others. Conduct analyses of data generated by investigations. Give updates and communicate to others about content and process of the projects. Develop and/or maintain protocols related to investigations projects. Plan and participate in emergency response exercises and provide technical guidance to emergency preparedness planning. Respond to urgent or emergency situations involving intentional or naturally occurring public health events, such as a bioterrorism incident or a flood. Participate as needed in disease investigations, outbreak investigations, surveillance, and related activities, including research of literature and data analysis.

Market Range

Minimum Hourly Rate	Midpoint / Hiring Maximum	Maximum Hourly Rate
\$36.01	\$42.01	\$48.01

Likely Minimum Qualifications

- Master's Degree in Public Health, Informatics, Biology or related science or social science field.
- Three (3) years of epidemiologic or related experience.
- Other combinations of education and experience may be considered in substitution for the minimum qualifications

Working Titles

- Principal Epidemiologist

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.