

PUBLIC HEALTH EPIDEMIOLOGIST II

CLASS CONCEPT

Employees in this class function independently or as a project leader. Employees plan, develop and conduct epidemiologic investigations, surveillance, and interventions, with significant impact on public health, to determine the causes of diseases and implement methods of disease control. They collect, analyze and interpret statistical data and prepare epidemiologic reports, and/or oversee these activities. Employees develop policies and procedures for new and existing disease control programs. Work in this class involves training, technical assistance and consultation regarding epidemiology and control of diseases. Employees serve as a technical expert in assigned area.

This level typically involves the supervision of data collectors and the quality assurance aspects of data collection with more sophisticated, independent quantitative analysis of data. Work includes trend analysis and independent statistical and epidemiological analysis. Employees require less supervision from a higher-level epidemiologist. They may serve as a specialist or technical expert in a particular area or involvement in multiple program projects.

RECRUITMENT STANDARDS:

Knowledge, Skills, and Abilities

Considerable knowledge of epidemiology principles, surveillance and investigation, study design, descriptive statistics, statistical analysis and interpretation of statistical data and scientific literature. Significant knowledge of biostatistics including the use of statistical software and statistical programming languages.

Significant knowledge of computers, database design, management and manipulation. Ability to communicate effectively orally and in writing.

Minimum Training and Experience Requirements

Doctoral degree in epidemiology, nursing or a closely related health field from an appropriately accredited institution; or Master's degree in epidemiology or a closely related health field from an appropriately accredited institution and two years related epidemiology experience; or, bachelor's degree with a closely related science or nursing degree from an appropriately accredited institution and four years of epidemiological experience; or an equivalent combination of education and experience.

Special Note

This is a generalized representation of positions in this class and is not intended to identify essential functions per ADA. Examples of work are primarily essential functions of the majority of positions, but may not be applicable to all positions.