



Epidemiologist II

Salary Group: B21

Class Code: 4083

<u>CLASS TITLE</u>	<u>CLASS CODE</u>	<u>SALARY GROUP</u>	<u>SALARY RANGE</u>
EPIDEMIOLOGIST I	4082	B19	\$42,244 - \$68,960
EPIDEMIOLOGIST II	4083	B21	\$48,278 - \$78,953
EPIDEMIOLOGIST III	4084	B23	\$55,184 - \$90,393
EPIDEMIOLOGIST IV	4085	B25	\$63,104 - \$103,491

GENERAL DESCRIPTION

Performs highly complex (senior-level) epidemiological work. Work involves serving on teams of health specialists and investigating public health problems; planning, developing, coordinating, and conducting epidemiological investigations; designing and implementing unit data collection systems; analyzing data; and disseminating investigation results. May serve as a lead worker providing direction to others. Works under limited supervision, with considerable latitude for the use of initiative and independent judgment.

EXAMPLES OF WORK PERFORMED

Coordinates epidemiological data collection operations, defines database requirements, and provides quality control for data management of epidemiological investigations.

Designs, implements, and evaluates surveillance processes for adverse health conditions.

Determines the appropriate formats for epidemiological reports; and coordinates the technical preparation, graphics design, and compilation of finished reports.

Develops and implements ongoing training programs related to epidemiology.

Initiates, reviews, and provides consultation on epidemiological investigations.

Proposes and initiates epidemiological projects, including design specification and analysis, and presents project results.

Reports the results of epidemiological investigations to various professional, state, and national organizations such as the U.S. Centers for Disease Control and Prevention.

Serves as a consultant in the control of public health problems, and recommends interventions and control measures in response to epidemiologic findings.

Serves as a leader or member of investigatory and study teams.

Assists in the planning and execution of agency epidemiological programs.

May coordinate with others in the collection of epidemiological data and serve as a project leader or surveillance coordinator.

May serve as a lead worker providing direction to others.

Performs related work as assigned.

GENERAL QUALIFICATION GUIDELINES

EXPERIENCE AND EDUCATION

Experience in epidemiology work. Graduation from an accredited four-year college or university with major coursework in epidemiology, microbiology, infectious diseases, biostatistics, or a related field is generally preferred. Experience and education may be substituted for one another.

KNOWLEDGE, SKILLS, AND ABILITIES

Knowledge of the principles and methods of epidemiology and related biostatistics; infectious diseases, adverse reproductive outcomes, cancer, or other chronic diseases; occupational and environmental diseases or injuries; and how causes of disease affect epidemiologic practices.

Skill in conducting epidemiological investigations; the use of scientific rules and methods to solve problems; the use of logic and reasoning and the ability to identify alternative solutions; and the use of a computer and applicable software.

Ability to plan, conduct, and report on epidemiological investigations; to communicate effectively; and to supervise the work of others.