



Epidemiologist I

Salary Group: B19

Class Code: 4082

<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 moderately complex (journey-level) epidemiological work. Work involves assisting in the design, implementation, and analysis of epidemiological investigations or studies; and participating in general data management and report writing for epidemiological investigations or studies. Works under general supervision, with moderate latitude for the use of initiative and independent judgment.

EXAMPLES OF WORK PERFORMED

Abstracts epidemiological health data from the medical records of private and public health physicians and hospitals.

Collects epidemiological data for the surveillance of specific diseases and conditions, analyzes data, and summarizes results of analysis.

Disseminates the results of investigations, special studies, and surveillance; and prepares written and oral reports and presentations.

Maintains disease databases, and analyzes epidemiological data through the use of statistical measures.

Participates in analyzing, planning, developing, coordinating, and conducting specific epidemiological investigations or studies.

Arranges for the cooperative use of epidemiological data with other agencies, states, and national organizations such as the U.S. Centers for Disease Control and Prevention.

Works with other health personnel in the control of public health problems.

May coordinate with others to assist in the collection of epidemiological data.

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 basic 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 conduct epidemiological investigations and to communicate effectively.