

EPIDEMIOLOGIST I

GRADE: 15

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

Analyzes epidemiological data through the use of statistical measures

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

Disseminates the results of investigations, special studies, and surveillance

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

Collects epidemiological data for the surveillance of specific diseases and conditions

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

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 course work in epidemiology, microbiology, infectious diseases, biostatistics, or a related field is generally preferred; Master's degree in Public Health, Science of Epidemiology, Biostatistics or related field.

Knowledge, Skills, and Abilities

Knowledge of the basic principles and methods of epidemiology and biostatistics; of infectious diseases, adverse reproductive outcomes, cancer or other chronic diseases; and of occupational and environmental diseases or injuries

Ability to conduct investigations

PHYSICAL DEMANDS:

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job.

While performing the duties of this job, the employee is regularly required to talk or hear. The employee frequently is required to stand. The employee is occasionally required to walk; sit; use hands to find, handle, or feel objects, tools or controls; reach with hands and arms; climb or balance; stoop and kneel.

The employee must occasionally lift and/or move over 25 pounds. Specific vision abilities required by this job include close vision, depth perception, and the ability to adjust focus.

WORK ENVIRONMENT:

The work environment characteristics described here are representative of those an employee encounter while performing the essential functions of this job.

The noise level in the work environment is usually moderate.

SAFETY REQUIREMENTS:

Maintain physical conditions appropriate to the performance of assigned duties and responsibilities which may include the following:

- sitting for extended periods of time
- standing for extended periods of time
- operating assigned equipment

Maintain mental capacity which permits:

- making sound decisions and using good judgment
- demonstrating intellectual capabilities

Effectively handle a work environment and conditions which involve:

- working closely with others
- working in a multi-task environment

Maintain effective audio-visual discrimination and perception needed for:

- making observations
- reading and writing
- operating assigned equipment
- communication with others
- required to follow the Hidalgo County Accident Prevention Plan and department's safety regulations

