

## EPIDEMIOLOGIST

### KIND OF WORK

Entry-level professional epidemiological work.

### NATURE AND PURPOSE

Under immediate work direction of an Epidemiologist Intermediate or higher, an employee in this class is responsible for assisting in the design and initiation of investigations of epidemic and endemic diseases and conditions. Assist in the analysis of diseases and conditions, advising on methods of disease/injury control, communicate with the medical community and public concerning disease/injury prevention, assist with the implementation of disease/injury control measures and development of policies and procedures for new and existing control programs.

EXAMPLES OF WORK (A position may not include all the work examples given, nor does the list include all that may be assigned.)

In collaboration with other epidemiologic staff, devise and implement surveillance systems for diseases, trauma and chronic conditions; conduct investigations; devise and implement control methods so programs operate effectively.

Under the direction of epidemiologic staff, provide consultative services to physicians and other health care professionals with regard to epidemiology and control of trauma and specified infectious or chronic disease conditions so that knowledge of disease/injury control is effectively communicated.

Deliver instructions and advice to community public health agencies and the public regarding disease control and injury prevention to enhance knowledge of disease/injury prevention and control.

Assist with preparing reports, grants, and contract proposals.

### KNOWLEDGE, SKILLS AND ABILITIES REQUIRED

Knowledge of:

Working knowledge of the epidemiology and control of specified infections, trauma, or chronic diseases/conditions.

Working knowledge of the practices and principles of epidemiology.

Working knowledge of the maintenance of surveillance systems, data analysis and interpretation.

Working knowledge of state and local public and individual health problems and programs.

Ability to:

Assist with or conduct investigations of epidemic infectious and chronic diseases and traumatic conditions.

Provide consultative services with regard to infections and chronic diseases under the direction of advanced epidemiologic staff to health care professionals.

Assist with the implementation of disease control measures and development of policies and procedures for existing disease control programs.

Assist with the design, development and implementation of community-based injury prevention programs and policies.

Assist with epidemiologic research to maintain awareness and knowledge necessary for the control of disease and prevention of injury in the state.

Communicate effectively, both verbally and in writing.

Est.: 6/19/02  
Rev.:  
Ckd.:

T.C.:  
Former Title(s):