

EPIDEMIOLOGIST

DISTINGUISHING FEATURES OF THE CLASS: This is technical and professional work of a complex nature which involves the development and analysis of data relating to the study, control and prevention of communicable and non-communicable disease in Rockland County. The work is performed under the direction of a higher-level administrator and supervision may be provided to others. Does related work as required.

TYPICAL WORK ACTIVITIES:

Conducts epidemiological surveys and studies pertaining to the evidence of communicable and non-communicable disease in Rockland County;
Investigates disease outbreaks to determine cause and source and recommends methods to prevent the spread of disease;
Assists in the development of procedures to identify populations at risk;
Provides support services to staff regarding communicable diseases;
Maintains, compiles and reports statistical data concerning health outcomes in the community and their contributing factors;
Maintains communicable disease surveillance on a community-wide basis with an emphasis on vulnerable populations and settings (i.e., schools, hospitals, institutions);
Serves as liaison between the County Health Department and Rockland County physicians, hospitals, New York State and federal agencies for communicable/non-communicable diseases in order to understand and exchange information about issues;

FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS:

Good knowledge of the principles, practices, methods and techniques of epidemiology and communicable disease control; good knowledge of recent developments in the field of communicable disease; good knowledge of statistics, data collection, analysis and survey techniques; ability to organize work effectively; ability to supervise the work of others; ability to establish and maintain effective cooperative relationships with others, especially medical personnel, other professionals in the medical field and the public; ability to understand and interpret written material; ability to prepare written material.

MINIMUM QUALIFICATIONS:

1. A Master's degree in Epidemiology, or in Public Health with a concentration in epidemiology, or in a health-related field with a minimum of six (6) credits in epidemiology and six (6) additional credits in epidemiology or biostatistics; or
2. A Bachelor's degree or higher and two (2) years of experience conducting data collection, analysis, and reporting in support of surveillance and epidemiologic investigations.