

EPIDEMIOLOGIST

DISTINGUISHING FEATURES OF THE CLASS: The Epidemiologist is responsible for development, planning, implementing and coordination of programs related to communicable diseases including syndromic surveillance for bioterrorism and influenza. An incumbent in this class performs epidemiologic and outbreak investigations, promotes public education, encourages community awareness and implements disease prevention and control measures. Work is performed under the supervision of a Supervising Public Health Nurse. Incumbent does related work as required.

TYPICAL WORK ACTIVITIES: *The typical work activities listed below, while providing representative examples of the variety of work assignments in the title, do not describe any individual position. Incumbents in this title may perform some or all of the following, as well as other related activities not described.*

Develops, implements and coordinates programs and procedures related to surveillance of

communicable disease threats, including, but not limited to, arthropod-borne diseases,

hepatitis, central nervous system (CNS) diseases, enteric infections, vaccine-preventable

diseases, viral infections, influenza and bioterrorism;

Coordinates services of physicians, infection control nurses, governmental agencies, schools and

other community organizations to ensure cohesive program implementation;

Directs active and enhanced surveillance activities which include organizing, overseeing and

coordinating staff to perform epidemiologic surveillance and investigations;

Investigates and oversees investigations of suspect cases of communicable diseases;

Performs school district surveillance and syndromic surveillance and analysis for indicators of

bioterrorism incidents and early detection of community trends and outbreaks;

Prepares and analyzes epidemiological and statistical reports, morbidity reports, Community

Health Assessments (CHA) and assists with the preparation and analysis of grants and

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fiscal reports;

Serves as liaison with NYSDOH for disease control issues and participates in weekly communicable disease conference calls;

Represents the Health Department at program related meetings and conferences with healthcare organizations, governmental agencies, community groups and the public;

Uses computer applications and other automated systems in performing work assignments;

May oversee the work of Public Health Interns.

FULL PERFORMANCE KNOWLEDGES, SKILLS, ABILITIES, AND PERSONAL CHARAC-

TERISTICS: Thorough knowledge of public health principles, practices and administration; thorough knowledge of epidemiology; thorough knowledge of public health principles of planning, organizing and implementing disease control programs; knowledge of public health methods of disease detection, prevention and control; ability to gather information, evaluate data and make appropriate inferences; ability to understand and interpret complex written regulations; ability to communicate effectively both orally and in writing; ability to prepare written reports; ability to plan and oversee the work of others; ability to use computer applications; tact; initiative; resourcefulness; and sound professional judgment.

MINIMUM QUALIFICATIONS: Either:

- A) Graduation from a regionally accredited college or university or one accredited by the New York State Board of Regents to grant degrees with a Master's Degree in Epidemiology, or in Public Health with a concentration in epidemiology, or a health related field with a minimum of six (6) credits in epidemiology and six (6) additional credits in epidemiology or biostatistics; or

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- B) Graduation from a regionally accredited college or university or one accredited by the New York State Board of Regents to grant degrees with a Bachelor's Degree or higher and two (2) years' experience conducting data collection, analysis and reporting in support of surveillance and epidemiologic investigations; or
- C) Graduation from a regionally accredited college or university or one accredited by the New York State Board of Regents to grant degrees with a Bachelor's Degree or higher and one (1) year experience conducting data collection, analysis and reporting in support of surveillance and epidemiologic investigations and successful completion of a Principles of Epidemiology course for health professionals given by the Centers for Disease Control, U.S. Public Health Service.

Special Requirement: Possess and maintain a valid driver's license.

NOTE: Your degree or credits must have been awarded by a college or university accredited by a regional, national, or specialized agency recognized as an accrediting agency by the U.S. Department of Education/U.S. Secretary of Education. If your degree or credits were awarded by an educational institution outside of the United States and its territories, you must provide independent verification of equivalency. A list of acceptable companies who provide this service can be found on the Internet at: <https://www.cs.ny.gov/jobseeker/degrees.cfm>. You must pay the required evaluation fee.

Reviewed and placed in Classplan: 3/18/2020
Revised and Replaced in Classplan: 2/2/2023
Revised and Replaced in Classplan: 4/1/2025 (Edu)

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Jurisdictional Class:Competitive
Public Hearing:N/A
NYS Civil Service Commission Approval:N/A