



COMMONWEALTH OF KENTUCKY JOB CLASS SPECIFICATION

EPIDEMIOLOGIST TECHNICAL ADVISOR

Job Number: 21004253

Job Code: 45100V230916

Job Group: 4500 - MEDICAL INVESTIGATION

Job Established: 05/16/2023

Job Revised: 09/16/2023

Grade: 19 Salary (MIN - MID):

\$36,397-\$54,596 - Hourly

\$5,914.52-\$8,871.86 - 37.5 Hr. Monthly Salary

\$6,308.82-\$9,463.32 - 40 Hr. Monthly Salary

Special Entrance Rate:

\$44,216 - Hourly

\$7,185.10 - 37.5 Hr. Monthly Salary

\$7,664.12 - 40 Hr. Monthly Salary

PROBATIONARY PERIOD:

This job has an initial and promotional probationary period of 6 months, except as provided in KRS 18A.111.

CHARACTERISTICS OF THE JOB: *Characteristics of a job are general statements indicating the level of responsibility and discretion of positions in that job classification. These are not intended to be an exhaustive list.*

Serves as the technical epidemiological advisor responsible for leading program development and health data initiatives in a specific program area or across program areas. Serves as a state leader or representative on national health data analysis initiatives and participates in workgroups. Performs the most advanced and/or specialized professional health data research in fields such as chronic disease, infectious disease, maternal and child health, environmental health, injury clusters, trend analysis, or geographic distribution of diseases; and performs other duties as required.

MINIMUM REQUIREMENTS:

EDUCATION:

A master's degree in public health (MPH). OR A master of science degree in public health (MSPH). OR A master of science degree in Epidemiology, Biostatistics, or a related. OR A master's degree and successful completion of at least two graduate-level courses in epidemiology, public health research methods, epidemiological research methods, population health, or disease investigation, or other related courses and one graduate-level course in data analysis, statistics, biostatistics, public health programming, epidemiological programming, health analytics, demography, or other related courses. OR A doctoral degree (PhD, DrPH, or SciD) and successful completion of at least two graduate-level courses in epidemiology, public health research methods, epidemiological research methods, population health, or disease investigation, or other related courses and one graduate-level course in data analysis, statistics, biostatistics, public health programming, epidemiological programming, health analytics, demography, other related courses.

EXPERIENCE, TRAINING, OR SKILLS:

With a master's degree, must have six years of experience as an epidemiologist or in providing epidemiology functions. With a doctoral degree, must have two years of experience as an epidemiologist or in providing epidemiology functions.

Substitute EDUCATION for EXPERIENCE:

NONE

Substitute EXPERIENCE for EDUCATION:

NONE

SPECIAL REQUIREMENTS (AGE, LICENSURE, REGULATION, ETC.):

NONE

EXAMPLES OF DUTIES OR RESPONSIBILITIES OF THE JOB CLASSIFICATION: *Examples of duties or responsibilities are not to be construed as describing what the duties or responsibilities of any position shall be and are not to be construed as limiting the appointing authority's ability to assign, or otherwise alter the duties and responsibilities of a position. This is not intended to be an exhaustive list.*

Serves as the technical consultant and supervises epidemiologist and/or an epidemiological program area to ensure data gathered is analyzed and disseminated in appropriate format. Initiates, directs, and coordinates epidemiologic workgroups, collaborative efforts, and other critical public health programs. Serves as a state leader or representative on national initiatives and workgroups. Supervises and provides training and knowledge sharing for epidemiologists responsible for implementing health data programs and projects. Oversees grants, collaborative grants, and other organizational relationships between state agencies, local health departments, academic institutions, and private and public organizations and vendors as needed for public health projects. Analyzes the distribution and determinants of communicable and chronic diseases, maternal and child health issues, injuries or other health conditions. Conducts complex, descriptive, and analytic epidemiologic studies. Designs, coordinates, implements, evaluates and/or makes improvements in advanced surveillance systems. Manages programs, grants, and public health investigations. Uses advanced statistical software to manage large and/or complex databases of surveillance and epidemiologic study data. Designs, conducts, and manages complex studies to identify segments of the population at greatest risk of acquiring specific diseases or conditions and to identify risk factors associated with each. Compiles data used in the control of diseases and other health conditions and in the evaluation of health programs and in grant preparation. Works and consults across divisions, branches, and sections to coordinate programs, grant writing activities and multi-factorial data needs assessments. Designs, implements, and assesses state-wide policies to reduce the occurrence and/or severity of diseases or other health conditions of public health significance. Coordinates complex public health investigations of diseases and conditions. Coordinates and/or participates in interdepartmental work groups responsible for the analysis of epidemiologic data. Disseminates data to health professionals, the general public, and the media in an appropriate and understandable format. Prepares presentations and technical reports on complex epidemiologic studies and data for internal use, professional presentation at statewide and national conferences, to teach master's and doctoral level graduate students at universities, for workgroups and initiatives within state government, or publication. Serves as a mentor and/or supervisor to other epidemiologic staff at lower grades and/or programs.

UNIQUE PHYSICAL REQUIREMENTS:

Any unique physical requirements necessary to perform the duties of a specific position will be listed on the individual position description, if applicable.

TYPICAL WORKING CONDITIONS: *Incumbents in the job will typically perform their job duties under these conditions.*

Work is typically performed in an office setting. Some travel may be required.

ADDITIONAL REQUIREMENTS:

Upon employment, employees in this job classification may be required to maintain a valid driver's license and may be required to drive a licensed vehicle. This status may be necessary for the length of time in this job classification. If this is necessary, it will be listed in the specific position description for the position at issue. Applicants and employees in this job classification may be required to submit to a drug- screening test and background check. Applicants and employees in positions which perform job duties that may require contact with offenders in the custody or supervision of the Department of Corrections or with youth in the care, custody, or supervision of the Department of Juvenile Justice must meet qualifications pursuant to the federal Prison Rape Elimination Act, 28 C.F.R.115.17 and 115.317.

The Commonwealth of Kentucky does not discriminate on the basis of race, color, sex, disability, age, national origin, religion, sexual orientation, gender identity or expression, pregnancy or related medical condition, marital or familial status, ancestry, political affiliation, genetic information, or veteran status in accordance with state and federal laws.