

The Tennessee Department of Health's Division of Family Health and Wellness is hiring an Epidemiologist 2 for the Injury Prevention and Detection section. This position will be responsible for professional scientific and epidemiological assessments of considerable difficulty for multiple programs. This is an executive service position.

Responsibilities include:

Child Fatality Review

- Produce Annual Child Fatalities in Tennessee Report Data including statewide death numbers and rates, regional numbers and rates and leading causes of death. The report also includes data on specific circumstances surrounding each cause of child death.
- Run reports as needed throughout the year from the Child Fatality Review Database. Examples of reports include the number of child death cases in which drugs were a contributing factor, circumstances surrounding suicide deaths and location of sleep-related deaths.
- Assist with child fatality data quality through tasks such as running reports to show missing data fields on cases entered into the National Database. In addition this position is a member of the National Center for Child Death Review's data quality committee.
- Link the CFR database to vital records multiple times a year to determine any missing cases that have not been reviewed by the local team
- Attend state child fatality review meetings and provide presentations on child deaths. This position analyzes the data and creates a presentation in PowerPoint to present at four state meetings and one annual training.
- Query birth and death records bi-monthly to obtain birth and death certificates for the teams. This requires linking the birth data to the death data to determine deaths that meet review criteria.
- Directly import vital statistics data into the Child Fatality Review Database. This requires using queries to export the data from the vital records file and then import into the excel template used for the CFR database.
- Maintain a child death dashboard with data about child and infant deaths by cause and county.

Maternal Mortality Review

- Query death records monthly for deaths meeting review criteria. This task requires linking the birth and fetal death files to the death file to obtain all names meeting the criteria for review.
- Complete data as requested such as numbers and rates of maternal deaths. This data is also analyzed by causes and race.

Infant Mortality Reduction

- Produce data reports as needed on infant deaths. Data include multi-year trends for total infant deaths and specific causes statewide and for each region. In addition, data reports include payer source for overall infant death, sleep-related and premature deaths.
- Calculate breastfeeding initiation rates by hospital. Determine which hospitals have an increase greater than 5% or have a rate of at least 90%.

Injury Prevention

- Produce annual injury data report with current injury data on hospitalizations, ED visits and injury deaths. The data is calculated by age, race and gender. In addition a GIS map is created for each cause by region.
- Complete the CDC injury indicators documents. This document includes indicators on falls, motor vehicle accidents, poisonings, drownings, falls, firearms, suicide, homicide and overall injury. Rates and specific numbers are calculated by gender and age for deaths, hospitalizations and emergency department visits.
- Produce data for the Tennessee Department of Mental Health and TN Suicide prevention network's annual report. This data includes rates and numbers of suicide deaths by age, race, gender, method and region.
- Monitor the ESSENCE database daily for suicide attempt trends.
- Monitor quarterly hospital submissions of traumatic brain injury diagnoses.
- Oversee the completion of the traumatic brain injury annual report.
- Develop county specific injury data charts. Examples include number, demographic distribution, rates and trends for specific causes of data by county.
- Assist with data needs for grant reports including the MCH block grant and the Core Violence and Injury Prevention grant. This includes updating measures in the grant twice a year.

- Attend quarterly injury prevention meetings and provide data to the injury community planning group on the incidence and cost of fatal and nonfatal injury. This also involves creating a PowerPoint and presenting at the meeting.
- Assist with evaluation of programs. Tasks may include assisting with the development of evaluation tools, analyzing data collected, and writing results of evaluation.

Education and Experience:

Graduation from an accredited college or university with a doctorate's degree in epidemiology.

OR

Education and Experience: Graduation from an accredited college or university with a doctorate's degree in medicine (MD), osteopathic medicine (DO), veterinarian medicine (DVM) public health, biostatistics, statistics, health informatics health sciences, biomedical sciences or environmental sciences with experience equivalent to two years' work experience in epidemiology.

Substitution of Education for Experience: Additional graduate coursework in public health or an Epidemic Intelligence Service (EIS) Fellowship may substitute for the required experience on a year-for-year basis to a maximum of two years.

OR

Education and Experience: Graduation from an accredited college or university with a master's degree in epidemiology, public health, biostatistics, statistics, or health informatics with experience equivalent to four year's work experience in epidemiology.

Substitution of Education for Experience: Additional studies with an Epidemic Intelligence Service (EIS) Fellowship may substitute for the required experience on a year-for-year basis to a maximum of two years.

OR

Education and Experience: Graduation from an accredited college or university with a master's degree in health science, biomedical science or environmental science with experience equivalent to six year's work experience in epidemiology.

Substitution of Education for Experience: Additional studies with an Epidemic Intelligence Service (EIS) Fellowship may substitute for the required experience on a year-for-year basis to a maximum of two years.

The preferred candidate will have:

- Experience in SAS.
- Experience working with large data sets.
- Excellent oral and written presentation skills

Interested candidates should send their resume to Rachel Heitmann at Rachel.Heitmann@tn.gov. This position will remain open until a candidate has been found.

The State of Tennessee is an equal opportunity, equal access, affirmative action employer.