



NR586NP Application of Epidemiology

Name: [REDACTED]

Investigate population health and epidemiological data to learn about **prevalent disease trends** within your geographic region. Compare and contrast the prevalence of diseases in the selected region with disease rates and trends in a different geographic area of your choosing.

Statistics from valid, reliable sources such as professional population health-focused organizations, governmental agencies, local and state health departments, and the Centers for Disease Control and Prevention are appropriate sources to validate assessment findings.

General Instructions

Carefully read the assignment guidelines and rubric and complete each section of the worksheet below using complete sentences. Integrate sufficient scholarly literature to support the information presented.

Include the following sections:

Prevalent Infectious and Chronic Diseases

a. Describe the selected geographic region.

The selected geographic region was my current city Charlotte located in Mecklenburg, N.C. compared to North Carolina's capital Raleigh, in Wake County.

b. Identify the prevalent infectious and chronic diseases in the region.

Mecklenburg county and Wake county share the same prevalent chronic conditions which is cancer followed by cardiovascular diseases.

c. Compare and contrast the prevalence of diseases in the selected region with disease rates and trends in a different geographic area of your choosing, noting similarities and differences.