**Epidemiology Questions Rubric**

Instructions: Answer the following questions carefully and completely. This assignment is worth 20 pts.

1. Describing your disease. (Criteria 1 and 6)
   1. (1 pt) What is the name of the microorganism that causes the disease you chose?
   2. (1 pt) What type of microorganism is it (virus, bacterium, protozoa, etc.)?
   3. (1 pt) What does it look like when viewing it under the microscope? What method was used to visualize the organism in your previous answer?
   4. (1 pt) How is it transmitted?
   5. (1 pt) What types of signs and symptoms does a person experience when they have this disease?
2. Preventing and treating your disease. (Criteria 4 and 5)
   1. (5 pts) Based on what you know about your disease, use complete sentences to describe five strategies that can reduce the number of people that get sick from this disease.
3. Analyzing your data. (Criteria 2 and 3) One word answers are not acceptable, only sentences.
   1. (1 pt) Does the disease seem to peak at different times of the year?
   2. (1 pt) Has this trend held true for the included years?
   3. (1 pt) Is the number of cases similar between years?
   4. (1 pt) Which year had the greatest number of cases? What was the number of cases?
   5. (1 pt) Which month/year had the greatest number of cases per 100,000 people (incidence value)? What is that incidence value?
   6. (5 pts) If the disease incidence is seasonal, identify five things that may contribute to the seasonality of the disease; or…  
      if the disease incidence is not seasonal, identify five criteria that enabled you to choose why your disease was not seasonal.
4. Create a Reference page. (Refer to MATC Library webpage for how to cite referenced material). This assignment is worth twenty points. However, points can and will be taken off for being late, improper use of scientific nomenclature, spelling, grammar, and plagiarism. You will find this as Blackboard Safe Assignment.