EPIDEMIOLOGY LAB REPORT (ELR) ELEMENTS

Your Epidemiology Lab Report (ELR) must include the following elements in this order:

A. Title Page (separate page 1)
B. Problem/Question
C. Hypothesis (Combine on one page - page 2)
D. Materials (Combine on one page - page 2)
E. Procedures
F. Data (separate pages 3,4,5,6)
G. Analysis of Data (Combine on one page - page 7)
H. Conclusion

EXPLANATION OF ELEMENTS:

A. Title Page
   Center the title and include your names, date and instructor.

B. Problem/Question
   State the question or problem that was addressed in the investigation.

C. Hypothesis
   Use the “if, then” format.
   
   **Example:**
   If the outbreak occurred at the amusement park, then the ________________ is the source of the contamination.

D. Materials
   List all materials you used during this investigation.

E. Procedures
   Number and list all the steps you followed in order.

F. Data
   Attach the spreadsheet, map, path stats sheet and lab results sheet (*separate pages*)
G. Analysis of Data
In paragraph form, provide an analysis by answering the following:

- What was the origin of and identity of the pathogen?
- How did you determine the origin and the pathogen responsible?
- How did the map and the data you had lead you to your decisions?
- Explain how the information given to you in the interviews and the spreadsheet helped you come to your conclusions.

H. Conclusion
In paragraph form, restate your hypothesis, explain whether the hypothesis was right or wrong, and support it with data from your research, spreadsheet, interviews and the map. Discuss the problems you encountered and any other questions that came up during your investigation.

Your final ELR should be typed (preferred) or handwritten in black or blue ink, stapled or contained in a folder in the correct order as listed on the front of this sheet.

Due Date __________________________