

Data Analysis Guide for Juvenile and Adult Blue Crab Survey

By analyzing data collected from the thirteen field stations throughout the year, you should be able to:

- state where in the Chesapeake Bay juvenile and adult crabs are most likely to be found;
- construct a hypothesis which relates the location of juvenile and adult crabs to a specific variable, such as sex, salinity, season, etc.

To help you develop your hypotheses, provide answers to the following items.

A. List the stations where the mean number of juveniles and adults of each sex collected during each time period was:

<10 crabs

10 - 20 crabs

>20 crabs

B. What information from the data charts might help account for the differences in the numbers of the different types of crabs found at the stations you listed above?