

Data Analysis Guide for Juvenile 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 crabs are most likely to be found;
- construct a hypothesis which relates the location of juvenile crabs to a specific variable, such as sex, salinity, season, etc.;
- construct a hypothesis which relates location of juvenile crabs to grassbed abundance.

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

A. List the stations where the mean number of juveniles (of both sexes) 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 abundance of juveniles among the stations you listed above?