

USGS Data Exploration Unit: Bald Eagle Activity 2 Student Workbook

Table of results

Follow the directions given for Bald Eagle Activity 2 and fill in your results in the table below.

State	DDE Pre-1980 (ug/g ww)	DDE Post-1979 (ug/g ww)
Alaska		
California	XXX	
Delaware		
Florida	XXX	
Maryland		
Maine		

Discussion Questions

Refer to the workbook, graph, and datasheet from Bald Eagle Activity 2 and answer the following questions. You may add additional sheets of paper as needed.

1. What differences do you notice between states?
2. Why might Alaska have lower DDE concentrations than states in the continental U.S.?
3. What state has the highest DDE concentration post-1979? Are the data records for this state from multiple locations throughout the state? What might explain such high DDE concentrations post-1980?
4. What differences do you notice in N values for different state/year groups? How might these differences affect the accuracy of the averages calculated for each state/year group?
5. Think of 2 new hypotheses you would like to investigate based on the insights you uncovered by looking at the bald eagle data by state and by year. For each hypothesis, describe the data you would need to test it.