

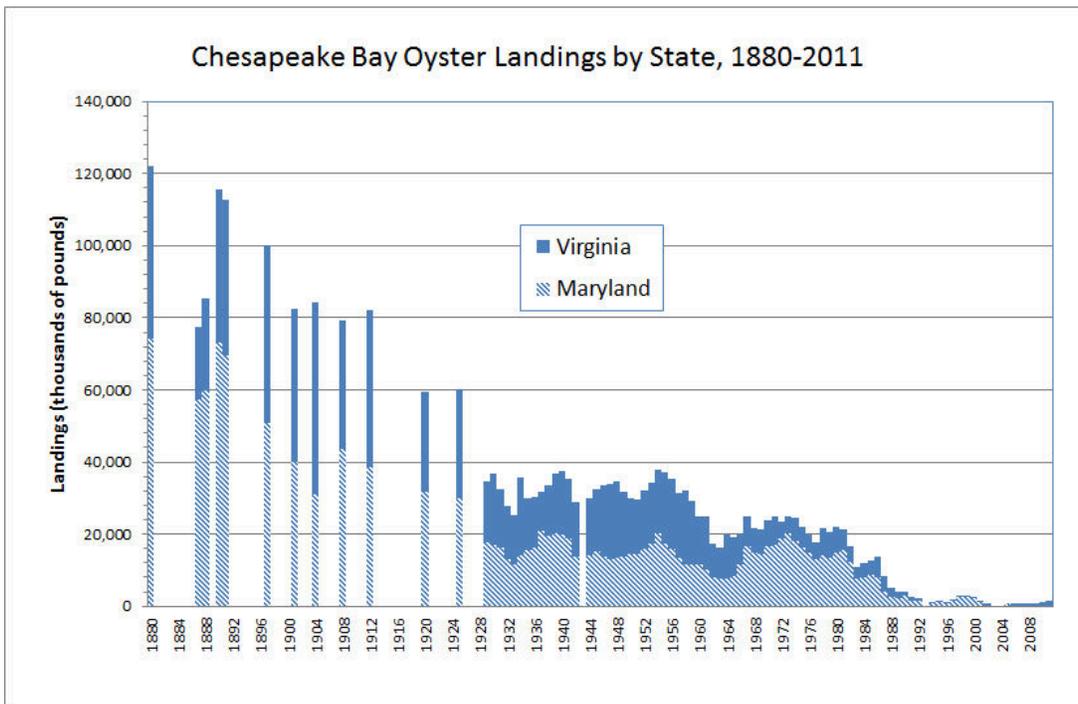
## Student Data Sheet 1

Harvest Method	Year 1	Year 2	Year 3	Year 4	Observations about the oyster reef changes	Impact on the oyster population
Nippers (chopsticks)	Black beans __ White beans __					
Hand Tongs (salad tongs)	Black beans __ White beans __	Black beans __ White beans __	Black beans __ White beans __	Black beans ____ White beans __		
Skipjacks and dredges (spoon)	Black beans __ White beans __					
Power dredge (measuring cup)	Black beans __ White beans __					

Discussion questions:

1. Which harvest method collected the most oysters?
2. Which harvest method affected the oyster reef the most?
3. Once the oyster reef is disturbed or destroyed because of harvest, how might this affect ability of the oyster population to?
4. What measures might help conserve and restore oyster populations in the Chesapeake Bay?

## Student Data Sheet 2



(<https://chesapeakebay.noaa.gov/fish-facts/oysters>)

1. Which state had more harvests during 1880-2011?
2. The data points are much more numerous in the years 1928 through 2008. What might be a reason for this?
3. There are several years in which there is no data such as 1943. Why might there be a break in environmental monitoring.
4. How many thousands of pounds were harvested in Maryland in 1880?
5. How many thousands of pounds were harvested in Virginia in 1880?
6. How many thousands of pounds were harvested in Maryland in 1988?
7. How many thousands of pounds were harvested in Virginia in 1988?
8. Compare the harvest in Maryland in 1880 and 1988.
9. Predict when new harvesting methods were started that used more efficient technology.
10. 2 oyster diseases, MSX and Dermo, were found in the Bay in the mid 1900's. Can you identify what impact these had on the oyster populations?