

Something Fishy

Seafood and Aquaculture in Maryland



Name: _____

Date: _____ Period: _____

Simulation B Data Sheet: Harvesting Seafood from Public Waters AND an Aquaculture Facility

Round Number	Number of Organisms Harvested (# harvested from public habitat PLUS # harvested from aquaculture facility)			
	Person A	Person B	Person C	Person D
1				
	Number of organisms remaining in public habitat:			
2				
	Number of organisms remaining in public habitat:			
3				
	Number of organisms remaining in public habitat:			
4				
	Number of organisms remaining in public habitat:			
Total Organisms Harvested Per Person				





Name: _____

Date: _____ Period: _____

Analysis and Conclusion Questions

During simulation A:

1. What happened to the population in the public waters? Why?
2. If everyone in your group ate 2 organisms during each round, your group could have harvested a total of 32 organisms. How many organisms did your group harvest? _____ If less than 32, why?

During simulation B:

3. What happened to the population in the public waters compared to the population in the private aquaculture facilities? Explain any differences.
4. If everyone in your group ate 2 organisms from the shared habitat and 1 organism from their private facility each round, your group could have harvested a total of 48 organisms. How many organisms did your group harvest? _____ If less than 48, why?

Conclusions:

5. Compare your data with other groups. Did any groups experience different results? If so, what strategies did they use to manage their populations?
6. Why are shared seafood resources more likely to go extinct than privately owned seafood resources?

