

This is a computer simulation that tests the Lincoln-Petersen formula for population estimates.

1. click on "Reset Simulation" to start
2. when the instructor tells you to begin, click on "Fish and Mark" repeatedly to mark a sample of fish. Continue until told to stop.
3. when the instructor tells you to begin, click on "Fish and Examine" repeatedly. The program will tell you if the caught fish was marked or unmarked. Continue until told to stop.
4. at the end, you will have the numbers needed to perform the Lincoln-Petersen calculation

[Reset Simulation](#)

Fish and Mark Stage	Fish and Examine Stage		
<u>Fish and Mark</u>	<u>Fish and Examine</u>		
<i>Holding Tank</i> fish fish fish fish fish fish fish fish fish fish fish fish fish fish fish fish	Caught a fish which is marked.		
Total Marked (M)	Marked (m)	Unmarked (u)	Total Examined ($n = m + u$)
16	2	18	20