



Modeling Marine Ecosystems With Virtual Reality: Ocean Food Web Module Worksheet #2

Gulf of Maine: Cod & Herring Biomass Data

Species	Biomass (metric tons)	Trophic Level*
Atlantic Cod		
Atlantic Herring		

* For trophic level, use relative terms such as “high”, “medium”, “low”, “highest” and “lowest”.

Get biomass data for cod and herring from the graphs within the VES-V simulation software!

Virtual “Dive” Location: Northeast region, Gulf of Maine, sand flats habitat, using the default “Baseline” scenario dataset

Prey/Predator Biomass Ratio: _____
(herring biomass divided by cod biomass)

Hypotheses: Biomass vs. Trophic Level

Fill in the blank in the following statement with “more”, “less” or “the same” to state your hypothesis about the relationship between biomass and trophic level:

A population of organisms with a **higher** trophic level usually has _____ biomass compared to a population with a **lower** trophic level.