

## Brine shrimp have unique parts

A brine shrimp is an unusual aquatic animal that lays specialized eggs which can lay dormant like a seed. Similar to seeds, brine shrimp eggs only hatch when living conditions are just right for the young to survive. These eggs can sometimes lie dormant for many years in dry sand waiting for lake levels to rise and hydrate the eggs. Most animals in the world give birth to live young or lay eggs that contain developing young. Brine shrimp, however are not like most other animals. Their specialized egg structure allows them to grow in harsh environments that only occasionally receive water.



*Brine shrimp have body parts and egg structures that help them survive harsh environments.*

## Brine shrimp live in salty water

Brine shrimp live in the Great Salt Lake which is extremely salty. The Great Salt Lake, is much saltier than the ocean. The water is so salty that fish cannot survive there. Brine shrimp are really tough and have some body parts and adaptations that help them survive in the super salty water.

**Saltiness Data**

% Salt in the Water	Location
27%	The Great Salt Lake
9%	Mono Lake
4%	The Pacific Ocean

Graph the "Water Saltiness Data" in the graph below to see how salty the Great Salt Lake is compared to other bodies of water.

### How Salty is the Great Salt Lake?

It is saltier than Mono Lake and the ocean!

