

HUNTINGTON NORTHPORT OYSTER REEF PROJECT

2022 Season Spat-on-Shell (SoS) Results

- Over 100 volunteers came to Gold Star from locations throughout Long Island.
- The Nursery Dock proved accessible to citizen-scientists from 15 to 75.
- The grow-out structure designed by CCE Marine kept natural predators at bay.
- Data compiled from weekly cleaning and measuring showed 100% survivorship.
- Extra care from volunteers during the growing season makes a HUGE impact!

SoS Raised at **Gold Star Beach by Rotary Volunteers:**

116,256

SoS Raised at **Huntington, Centerport and Northport Yacht Clubs:**

61,250

Total SoS Raised for the Huntington-Northport Waterbody:

177, 506 Oysters!!!

All the oysters raised by volunteers were combined and planted into three strategically located **spawner sanctuaries**: near the Gold Star Aquaculture Facility; by the Huntington Lighthouse; & in the vicinity of Little Neck Point. These areas are not intended for oyster harvesting, but will serve to introduce **millions of oyster larvae** into the Huntington-Northport Bay Complex. Our oyster reefs have three primary goals: to **improve water quality**; to **restore habitat**; and to support our **maritime industry**. Underwater surveys will be conducted at these locations in late Spring of 2023 to assess survival rates. We will **continue building these reefs**, and more locations will be identified through the collaborative efforts of experts from the Town of Huntington Department of Maritime Services, the Cornell Cooperative Extension of Suffolk County Marine Program and all local stakeholders. There will be an emphasis on planting reefs in uncertified (closed) water, where filtration and restoration efforts are needed most.

Cornell Cooperative Extension
Suffolk County
Marine Program

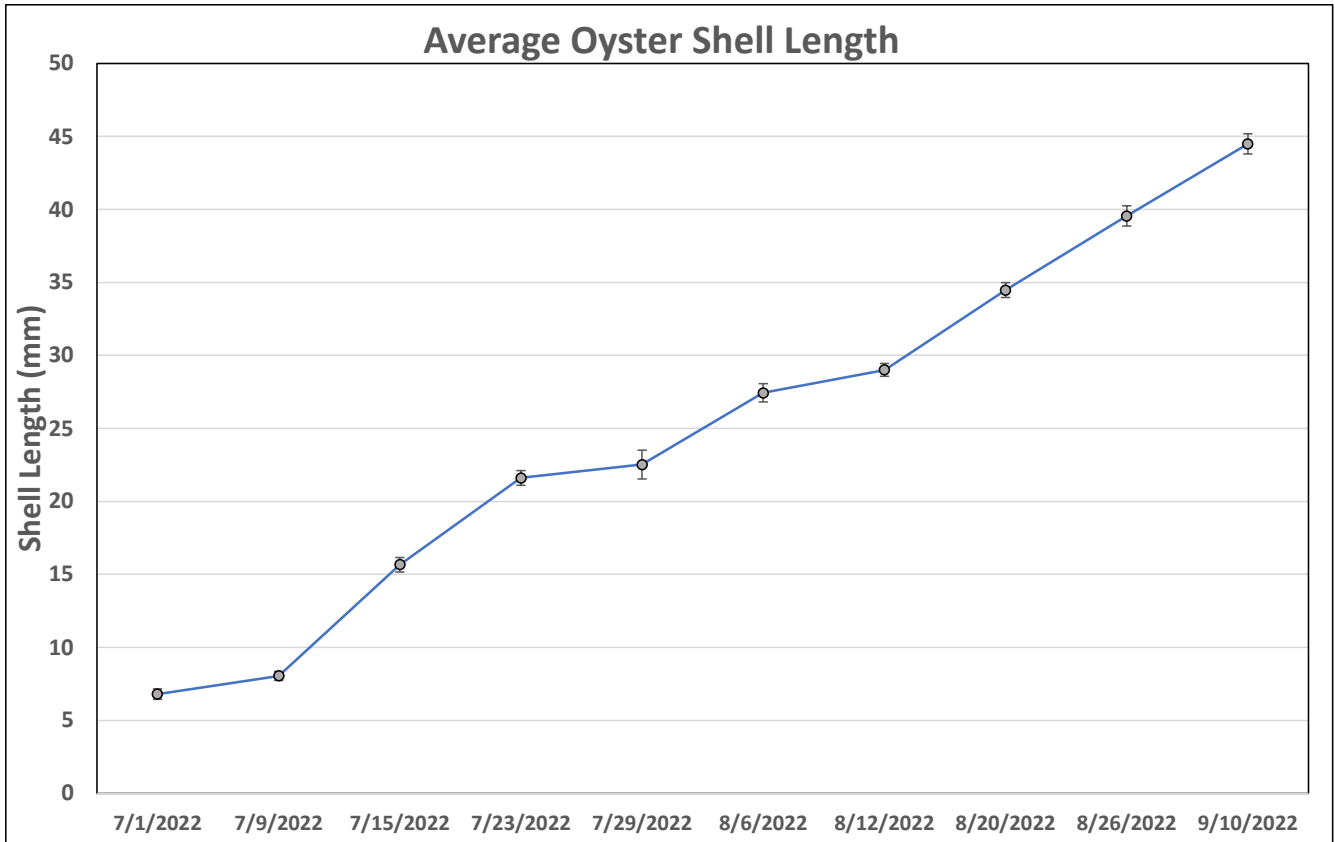


Rotary 
of Huntington

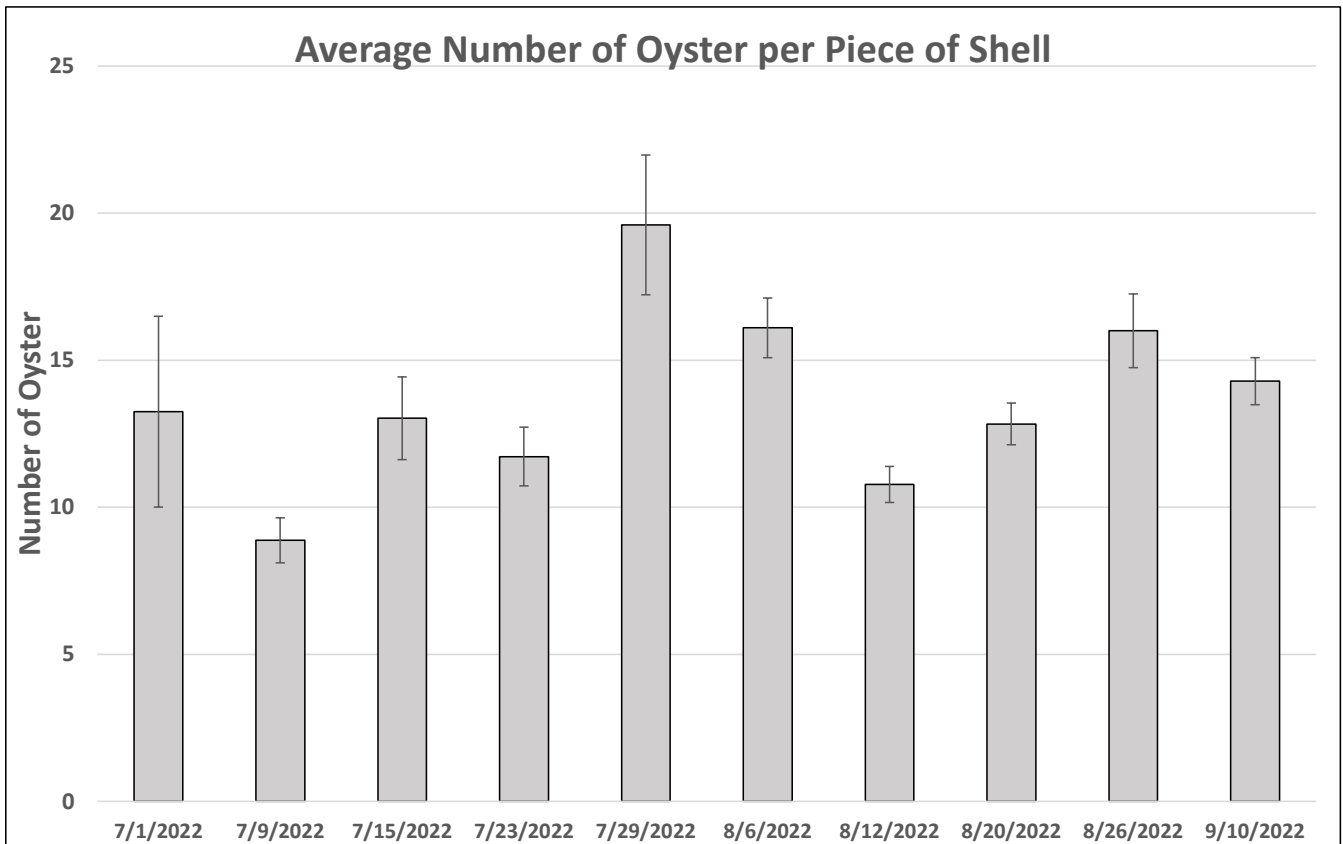
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2022 Growth & Survivorship at Gold Star



The average shell length (mm) of oyster per date of sampling. Error bars represent ± 1 standard error of the mean.



The average number of oyster growing on each piece of shell per date of sampling. Error bars represent ± 1 standard error of the mean. To start and end with a similar amount means there was minimal mortality. Variation over season exists due to sample selection.