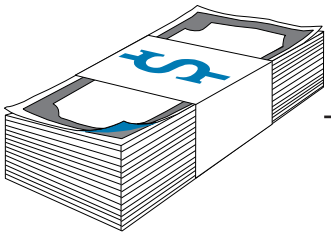
NEW HAMPSHIRE
SEA GRANT

$6.6 M
economic impact in 2015

Metrics reported to National Office in June 2016 for work completed Feb 2015 to Jan 2016.

RETURN ON FEDERAL INVESTMENT



- **43** Jobs created or sustained
- **9,068** Workshop and conference participants
- **29** Undergraduate and graduate students supported
- **16,962** Volunteer hours completed
- **21** Businesses created or sustained

Sea Grant helps expand aquaculture industry in New Hampshire

Sea Grant helped build an open ocean, multi-trophic aquaculture platform. Credit: New Hampshire Sea Grant

New Hampshire Sea Grant helped build and test an open ocean, multi-trophic aquaculture platform which included kelp, oysters, mussels and trout. The aquaculture platform is used to train fishermen in sustainable aquaculture practices. In 2015, trainings using the integrated aquaculture platform produced $14,000 in revenue for farmers and provided over 2,000 pounds of mussel seed to a local mussel farm. New Hampshire Sea Grant helped aquaculture efforts in the state expand to 16 businesses, employing a total of 27 people.

seagrant.unh.edu/aquaculture

Sea Grant brings marine education to New Hampshire classrooms. Credit: Rebecca Zeiber

"We hear from a lot of teachers that our marine education programs are highly engaging and memorable for the students, offering them the chance to learn about the ocean — and sometimes to visit the sea for the first time."
- Mark Wiley,
New Hampshire Sea Grant

Volunteer educators teach 80,000 visitors, saving $95,000 in services for marine education centers

University of New Hampshire Marine Docents, trained by New Hampshire Sea Grant, provided over $95,000 worth of services to the three New Hampshire marine education centers in 2015, enabling the centers to provide high quality marine science programs to a wide range of visitors that otherwise wouldn't have been available.

The Seacoast Science Center, Gundalow Company and Great Bay Discovery Center are marine education centers in New Hampshire that, combined, reach more than 80,000 visitors annually. Educating stakeholders about the environmental challenges and responsible use of ocean, coastal and Great Lakes resources is vital for creating a sustainable economy and environment. New Hampshire Sea Grant trained volunteers (docents) to assist the three centers in their education activities. **seagrant.unh.edu/unh-marine-docents**

Sea Grant works to protect public health with detection of harmful pathogen in seafood

Vibrio is a pathogen introduced to coastal waters from wastewater treatment plants that can cause severe cases of the stomach flu when consumed in uncooked or improperly handled seafood. In recent years, there have been several outbreaks from oysters harvested in the Gulf of Maine, specifically in Cape Cod. New Hampshire Sea Grant has worked to educate shellfish farmers about safe handling and consumption guidelines, and identified an effecient way to detect the presence of the harmful strain of this virus in shellfish beds. These findings were incorporated into the National Shellfish Sanitation Program Guide in an effort to protect human health and preserve shellfish businesses in New England. **seagrant.unh.edu/health-risk-vibrios**

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