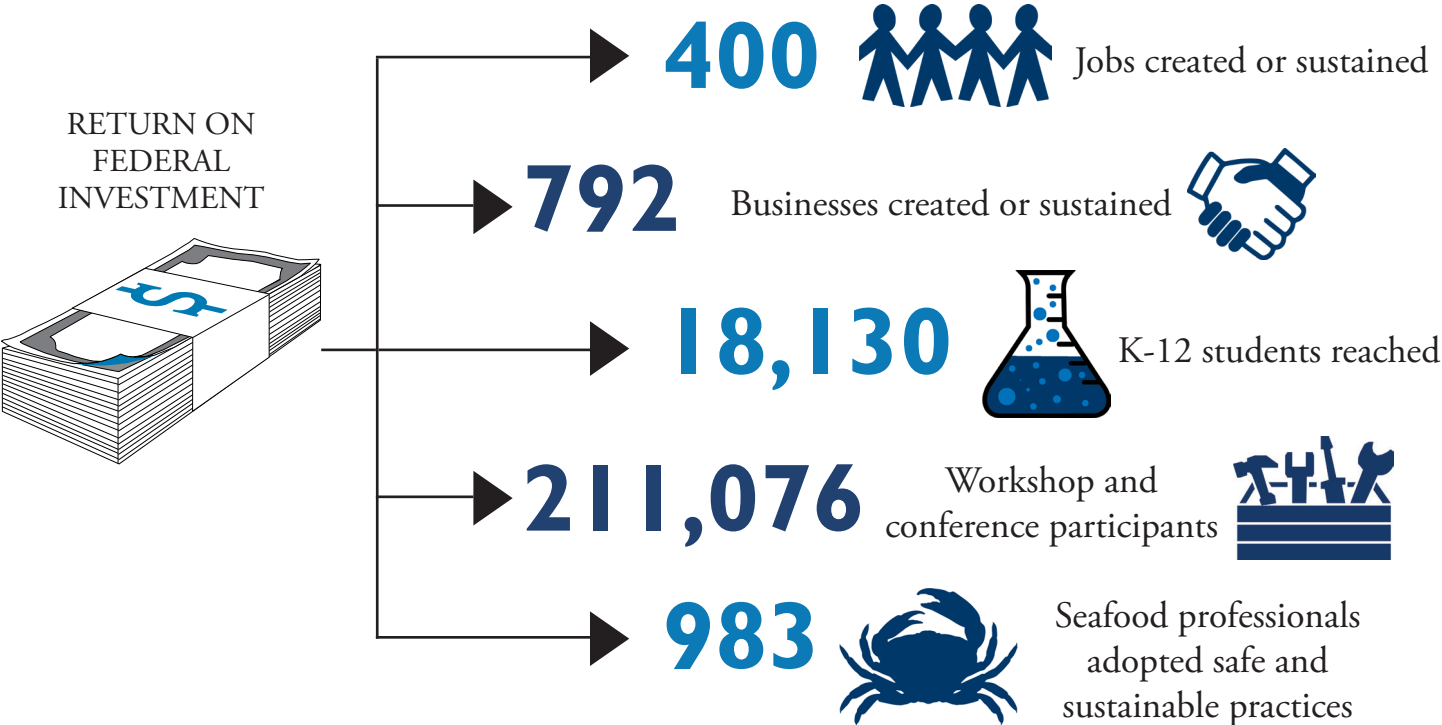


NEW YORK SEA GRANT

\$79M
economic impact in 2015

Economic impact calculated after 2016 annual reports completed, not included in national Sea Grant total economic impact of \$575 million. Metrics below reported to National Office in June 2016 for work completed Feb 2015 to Jan 2016.



Sea Grant helps revitalize struggling clam industry

“Results of the research... confirm QPX being a directly infective pathogen...[and are] incorporated into the state’s QPX monitoring program in order to maximize the harvest areas available for shellfish harvesters and...minimize risk of [disease] transmission to our natural clam resources.”

- Debra Barnes,
Shellfish Management Unit Leader,
NYS Dept Environmental Conservation

The New York hard clam fishery was a multi-million dollar industry that supported nearly 200 direct jobs until the first Quahog Parasite Unknown (QPX) disease outbreak in 2002. The fishery now operates on a limited scale because of ongoing disease activity, causing continuous and considerable economic losses to the industry. New York Sea Grant-funded research informed changes to transplant and transport operations that improve healing of hard clams exposed to QPX. These changes are estimated to increase the value of the hard clam industry by several hundred thousand dollars in dockside value.





Teachers learn how to do a marine debris shoreline survey. Credit: Amy Mandelbaum

“I learned where the rocks on the beach came from and another way to classify them. Since I am not Environmental Science certified, this really helped me.”

- Long Island Sound Mentor
Teacher Program participant

Sea Grant workshops reach 18,000 students by “teaching-the-teacher”

New York Sea Grant facilitates workshops that provide unique [“teach-the-teacher”](#) professional development and field-tested curricula that translate into successful classroom and field activities with students. In 2015, through eight professional development workshops in New York’s Great Lakes region, New York Sea Grant educated more than 140 teachers, who in turn reached over 10,000 students, on topics from algal blooms to zooplankton.

Also in 2015, New York Sea Grant’s Long Island Sound Mentor Teacher Program taught 31 formal and informal K-12 educators, who in turn reached 7,750 students. Workshops focused on ecology, marine biology and geology topics and aligned with the National Science Education Standards.

Sea Grant helps community secure \$200,000 to improve resilience to severe storms

New York State’s coastal communities faced increased demand for shore restoration and protection projects after Superstorm Sandy. In 2015, New York Sea Grant worked with the town of East Hampton and non-profit organizations to evaluate the effect of planning, policy, management and permitting decisions on coastal resiliency. New York Sea Grant [technical guidance helped secure a \\$200,000 grant](#) from the New York State Energy Research and Development Authority to increase resilience to severe storms and protect critical infrastructure along the coast.



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