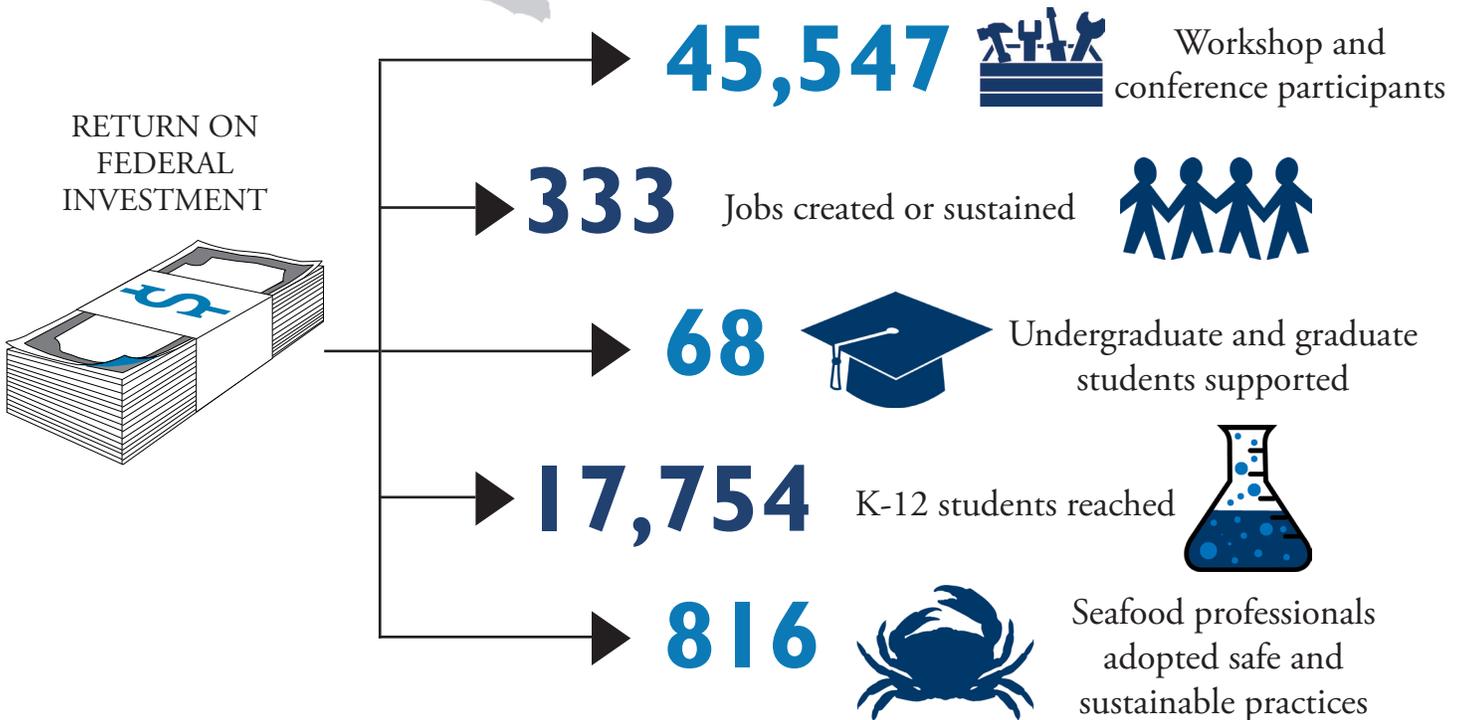


TEXAS SEA GRANT

\$18.6 M

economic impact in 2015

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



Fuel-saving technology improves shrimp fleet sustainability; \$9 million economic impact

“Sea Grant professors have worked tirelessly to help the southern U.S. shrimp industry meet sustainability requirements and become competitive through the adaptation of new trawl gear that allows the same amount of work to be done, but with much less fuel.”

- Patrick F. Riley,
General Manager of
Western Seafood Company

In 2015, Texas Sea Grant helped 487 vessels in the Texas shrimp trawling fleet install fuel-efficient trawl gear, saving 2,087,712 gallons of fuel valued at \$3.5 million. An estimated 200 jobs were sustained from these savings with a labor income economic impact of \$5.6 million. Fuel costs are a major economic expense for the Gulf of Mexico shrimp trawl fishery. Since 2008, Texas Sea Grant has worked with cooperating shrimpers in the Gulf of Mexico and southeastern U.S. waters by testing the effectiveness of this new trawl gear and minimizing any reduction in harvest production.

texasseagrant.org/assets/uploads/resources/SafeSustainableSeafood-Fuel-Doors.pdf



Extension specialist helps shrimp fisherman by checking the turtle excluder devices on his nets. Credit: Texas Sea Grant

“We are grateful to have [Texas Sea Grant] and others show our captains and shrimpers how to properly set up the TEDs [turtle excluder devices] and share the regulations with them. Fines can be costly and hurt my shrimpers.

Also, if we’ve had problems, they can help us address them.”

- David Aparicio,

Co-owner of Anchor Seafood

Texas Sea Grant helps coastal business save \$100,000 annually in wastewater treatment costs

Texas Sea Grant assisted Texas Pack, a shrimp processing and holding facility in Cameron County, with the development of a wastewater effluent treatment method. Coastal businesses provide many benefits to local communities through increased jobs and the sustainable use of coastal and marine resources, but wastewater disposal and treatment methods have the potential to harm the very resources they depend on to conduct business. This new treatment technology saved Texas Pack approximately \$100,000 in 2015, bringing the total savings to \$2.1 million since the company adopted this technology in 1995.

texasseagrant.org/programs/economic-impacts-of-marine-dependent-industries

Texas Master Naturalist volunteers contribute 81,469 hours, yielding \$2 million economic benefit to informal education programs

Texas Sea Grant’s Master Naturalist Program chapters train volunteers in the knowledge, skills and tools needed to assist with the management of natural resources within their communities. Managing coastal resources to balance human use with environmental health requires citizens who understand the complexities of coastal environments. Informal education is a highly effective method of improving environmental literacy at all ages.

Sea Grant-trained Texas Master Naturalists conduct informal youth and adult education projects, including hands-on restoration activities and interacting with visitors at nature centers and natural areas that are open to the public. In 2015, 100 newly certified Texas Master Naturalists joined 618 active members. Combined, these 718 volunteers contributed 81,469 hours, which equals the efforts of about 40 full-time employees valued at over \$2 million.

texasseagrant.org/assets/uploads/resources/MarineED-MasterNaturalist.pdf



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