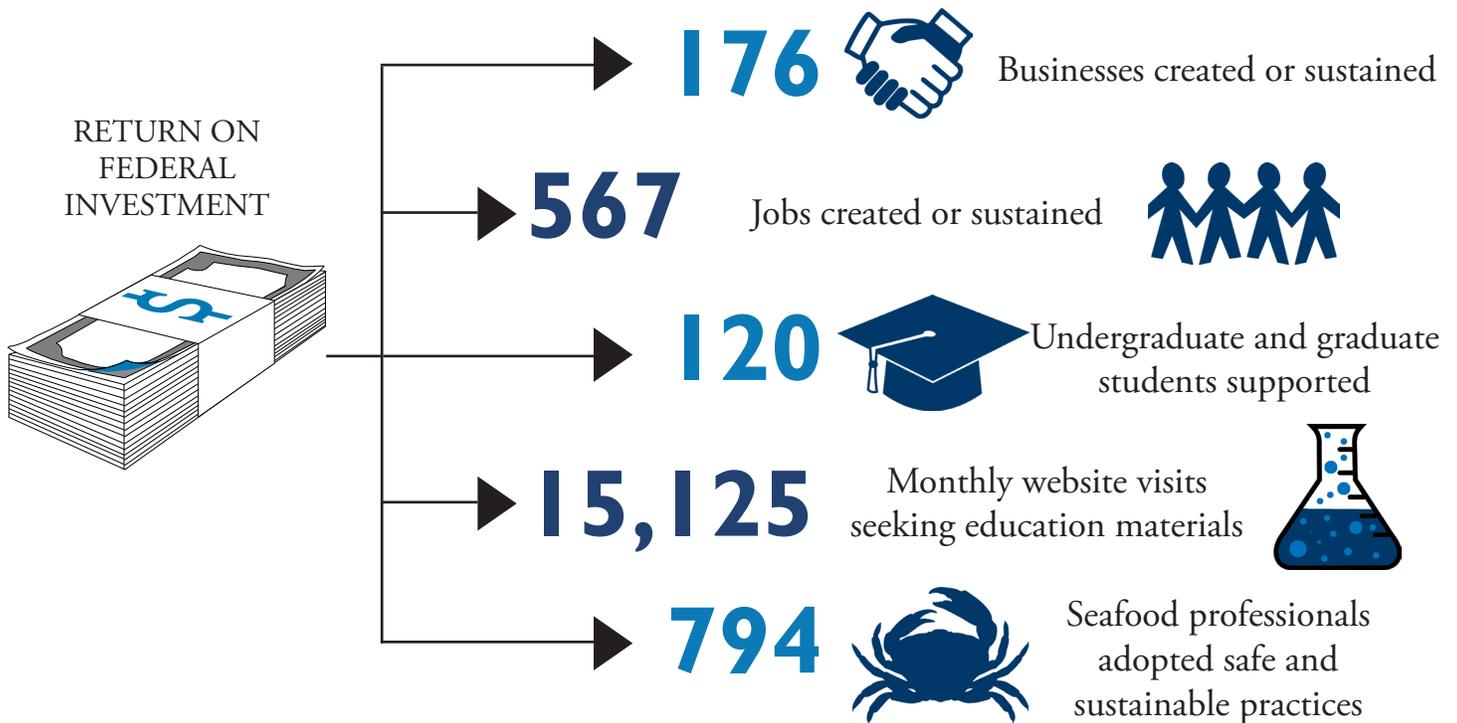


# VIRGINIA SEA GRANT

**\$146M**  
economic impact in 2015

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



## Sea Grant helps establish red crab fishery in Virginia

**“The harvesting of deep sea red crabs off the coast will enhance our already sterling reputation and provide more outstanding seafood choices for our citizens.”**

- Former Virginia Governor  
Bob McDonnell

Virginia Sea Grant designed and built a live red crab holding facility to expand an emerging red crab industry. In 2015, almost 330,000 pounds of red crab were packaged for sale, with an estimated wholesale value of \$605,000. About 48,000 pounds of those crabs were kept alive in the new holding facility until they were ready for export, ensuring a steady supply of red crab throughout the year. Virginia’s domestic and export markets benefit from this continuous availability and are expected to continue to grow, sustaining new jobs for local fishermen and seafood processors.

[vaseagrant.org/developing-sustainable-red-crab-industry-virginia](http://vaseagrant.org/developing-sustainable-red-crab-industry-virginia)



Virginia Sea Grant informs science behind the aquaculture and safety of the product. Credit: Virginia Sea Grant

**“Thank you for the trainings; makes our operation staff aware of the importance of general management practices, especially in the sanitation areas. Personnel accept these practices more openly when confirmed by an outside source.”**

- Sea Grant Hazard Analysis Critical-Control Point (HACCP) training participant

### **Virginia Sea Grant provides seafood safety training; protects public health and seafood professions**

In 2015, Virginia Sea Grant provided technical training services to 21 seafood companies to increase seafood safety and product quality. In addition to technical trainings, Sea Grant also conducted 673 microbial analyses for 12 seafood companies to ensure products did not contain harmful food-borne pathogens, in addition to determining the shelf-life of 2 specialty products from 3 other seafood companies.

Virginia Sea Grant extension efforts have influenced hundreds of thousands of dollars in seafood products throughout the state and achieve Sea Grant’s goal of providing technical support and guidance to industry to increase food safety and product quality.

[vaseagrant.org/outreach-education/seafood](http://vaseagrant.org/outreach-education/seafood)

### **Initial Sea Grant support secures \$120M HUD grant to implement flood resiliency designs in historic neighborhood**

An initial Virginia Sea Grant investment of \$50,000 to develop a resilience adaptation plan helped secure a \$120 million grant from the U.S. Department of Housing and Urban Development (HUD) to implement resilience designs for the Chesterfield Heights and Ohio Creek watersheds.

Chesterfield Heights in Norfolk, VA is on the National Register of Historic Places. Since the 1930s, the historic neighborhood has recorded a 14-inch rise in sea level and is threatened by consistent flooding. Virginia Sea Grant funding allowed a nonprofit group, Wetlands Watch, to host the Tidewater Rising Resiliency Design Challenge where engineering and architecture graduate students teamed up to design a resilience adaptation plan. The winning design implemented with the HUD grant included basement cisterns, bioretention ponds and permeable pavement.

[vaseagrant.org/outreach-education/resilience/design](http://vaseagrant.org/outreach-education/resilience/design)



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