

# ***Marine Aquaculture in the United States: NOAA's Role***

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# What is Aquaculture?

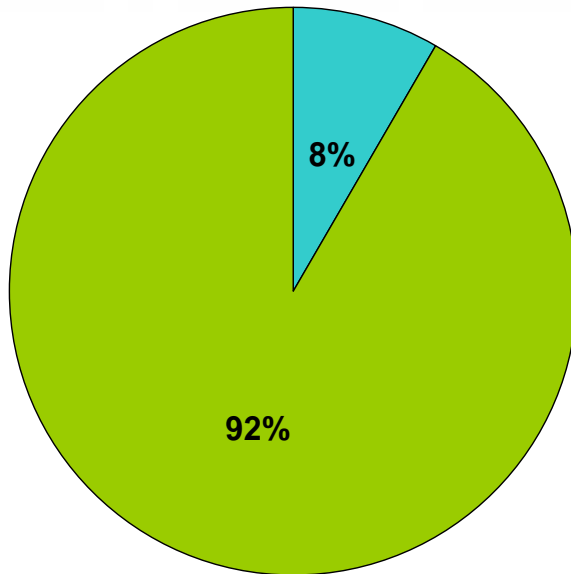
***Aquaculture:*** “The propagation and rearing of aquatic organisms in controlled or selected environments for any commercial, recreational or public purpose.”

- NOAA Aquaculture Policy, 1998



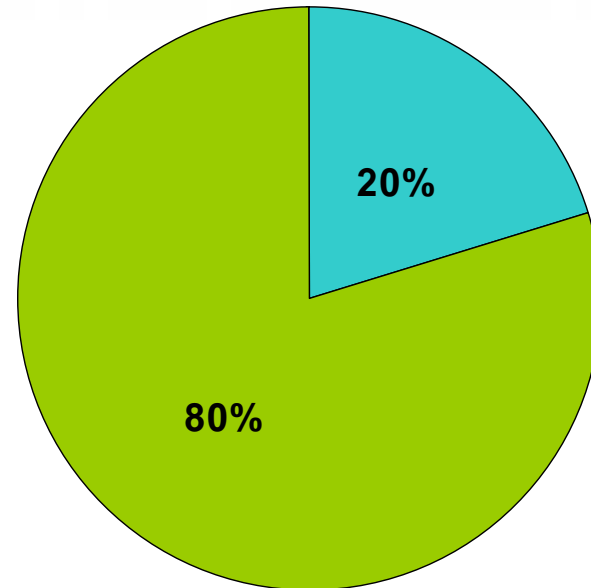
# U.S. Aquaculture Production 2003

**By weight**  
(Total = 0.4 million MT)



■ Marine ■ Other

**By value**  
(Total = \$961 million)



■ Marine ■ Other



# U.S. Marine Aquaculture is ...

## Oyster and Clam Culture

- Grown on the bottom
- Suspended on lines, in cages



# U.S. Marine Aquaculture is ...

## Mussel Culture ~ U.S. Northeast & Northwest



# U.S. Marine Aquaculture is ...

## Coastal Cage Culture

- Commercial finfish
- Recreational finfish



# U.S. Marine Aquaculture is ...

- Live rock culture
- Shrimp culture
- Algae culture
- Kelp culture
- Closed re-circulating



# U.S. Marine Aquaculture is ...

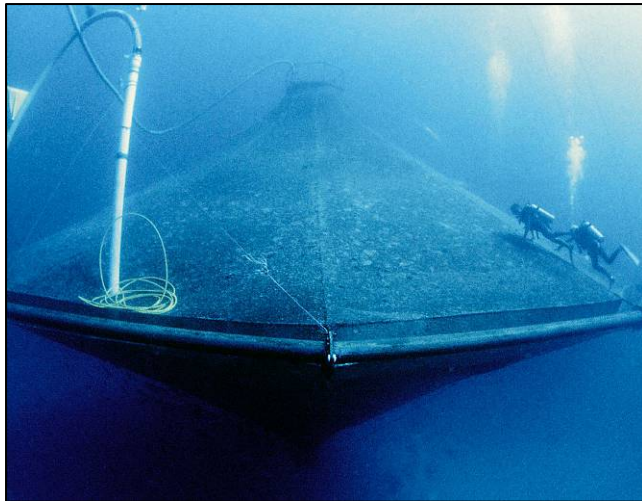
## Marine Stock Enhancement/Hatchery

- Commercial finfish: salmon
- Commercial shellfish: oysters, crabs
- Recreational: Pacific rockfishes, Gulf redfish
- Habitat restoration: oysters

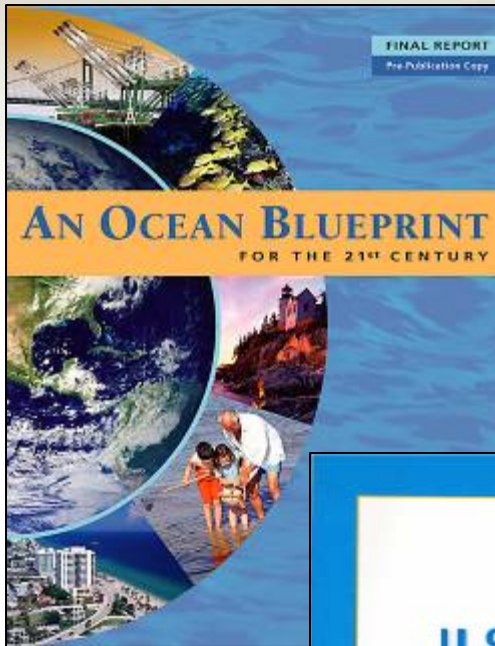




# Offshore Aquaculture: *Frontier of Technology*



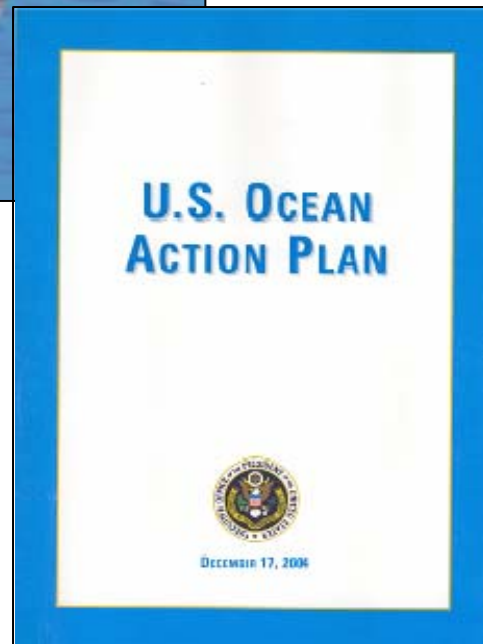
# Aquaculture is a National Priority



National Aquaculture Act of 1980

National Oceanic and Atmospheric Administration (NOAA) Aquaculture Policy, 1998

U.S. Department of Commerce Aquaculture Policy, 1999



U.S. Commission on Ocean Policy, 2004

U.S. Ocean Action Plan, 2004

National Offshore Aquaculture Act of 2005 (proposed)



**For more information ...**

**[www.aquaculture.noaa.gov](http://www.aquaculture.noaa.gov)**

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