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NOAA CORAL REEF CONSERVATION PROGRAM

Workshop for Development of Sustainable Practices for Marine Cage Culture Operations in the US Caribbean

NOAA Aquaculture Program & NOAA CRCP

November 2-3, 2010

Shellfish farming on west coast circa 1850

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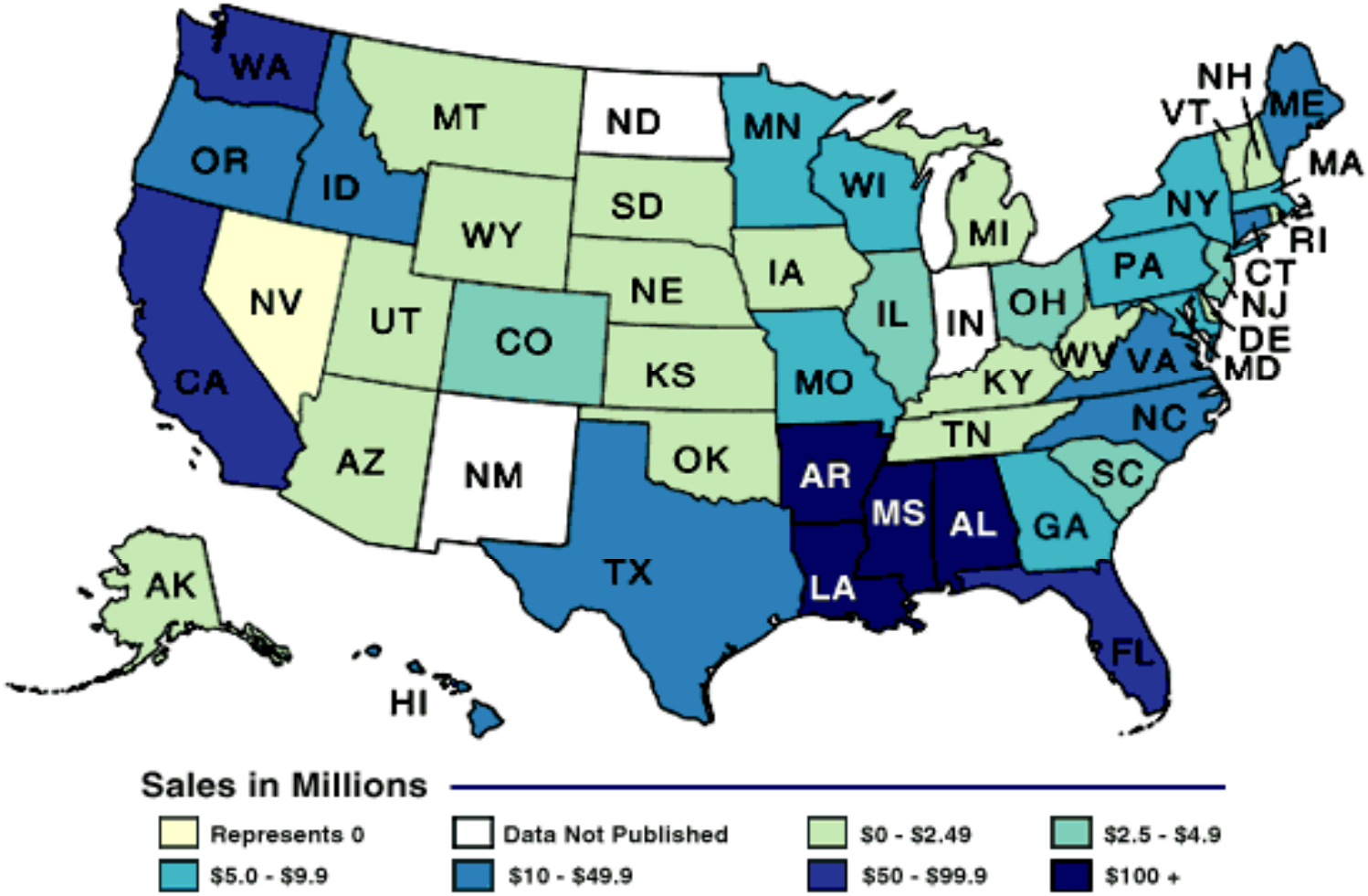
Commercial Aquaculture in the U.S.



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U.S. Aquaculture Research & Innovation

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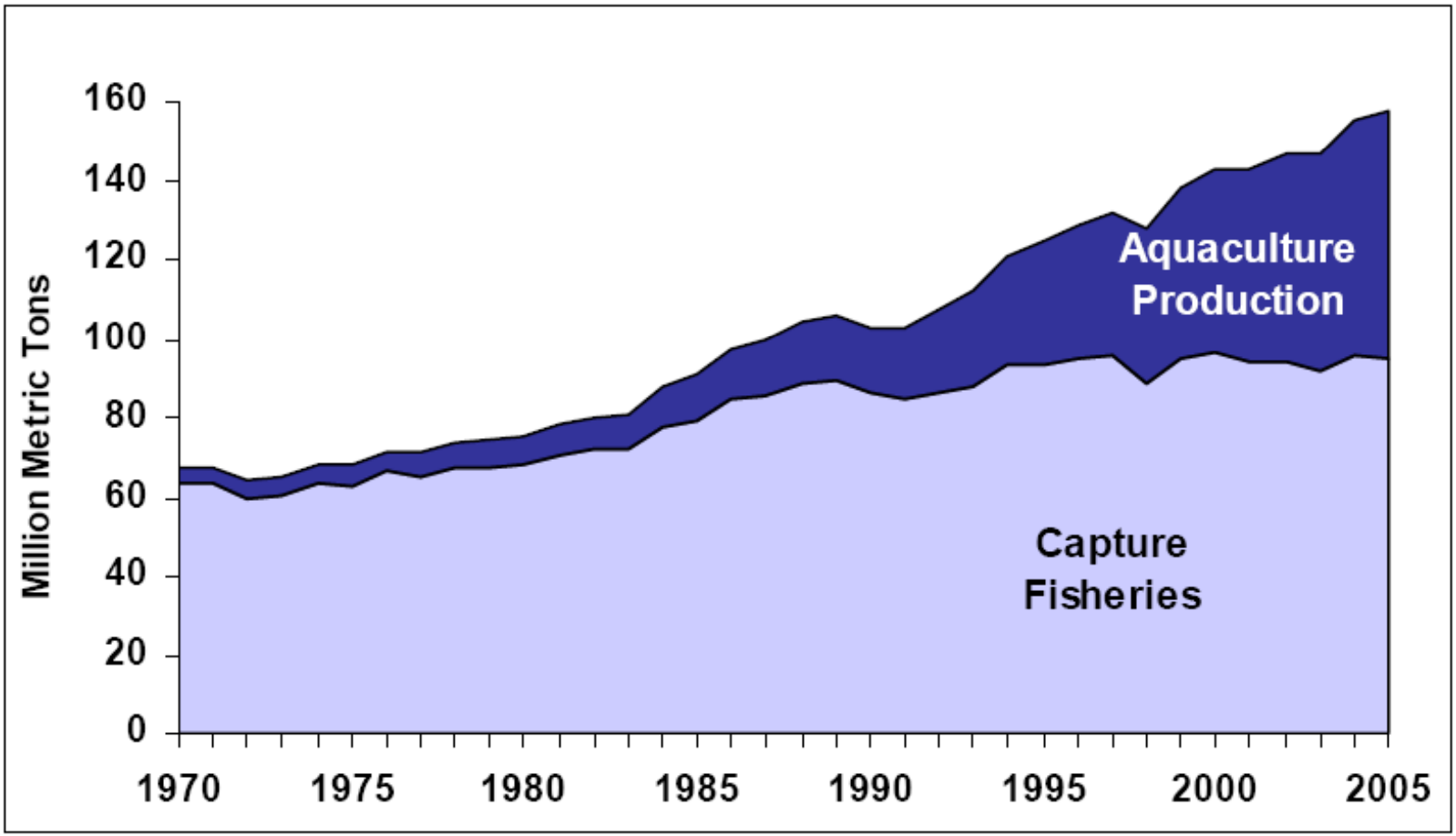
Supply and Demand



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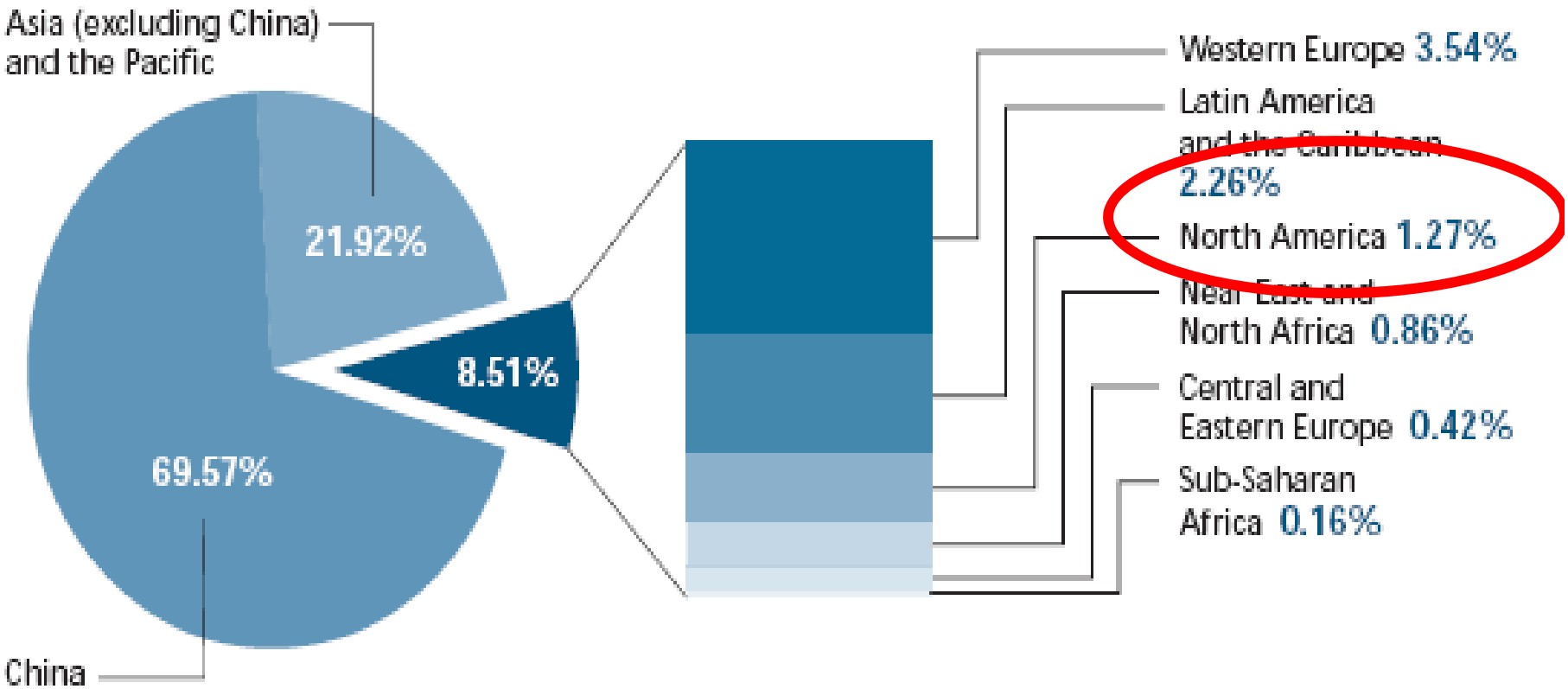
Global Aquaculture Production



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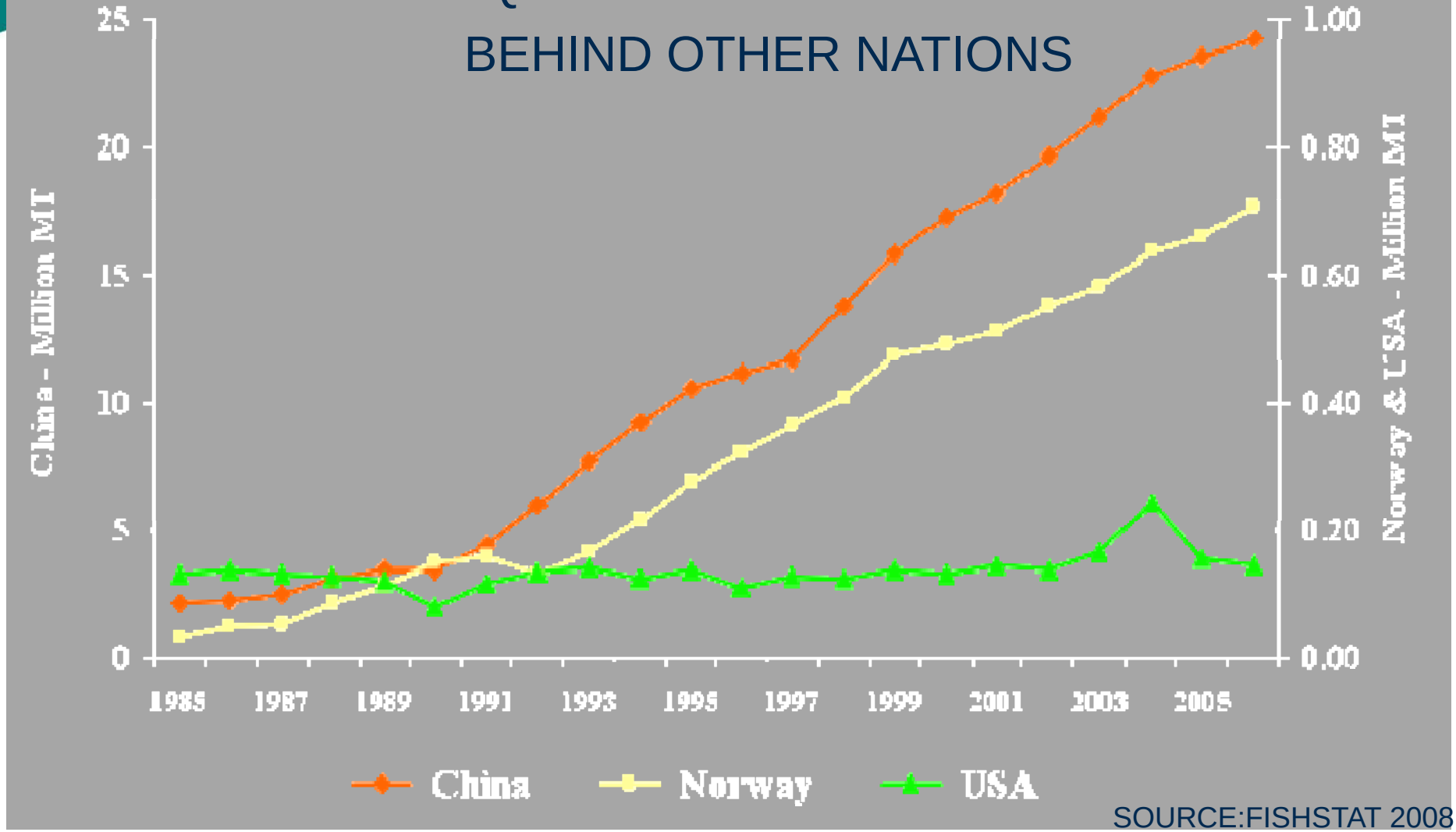
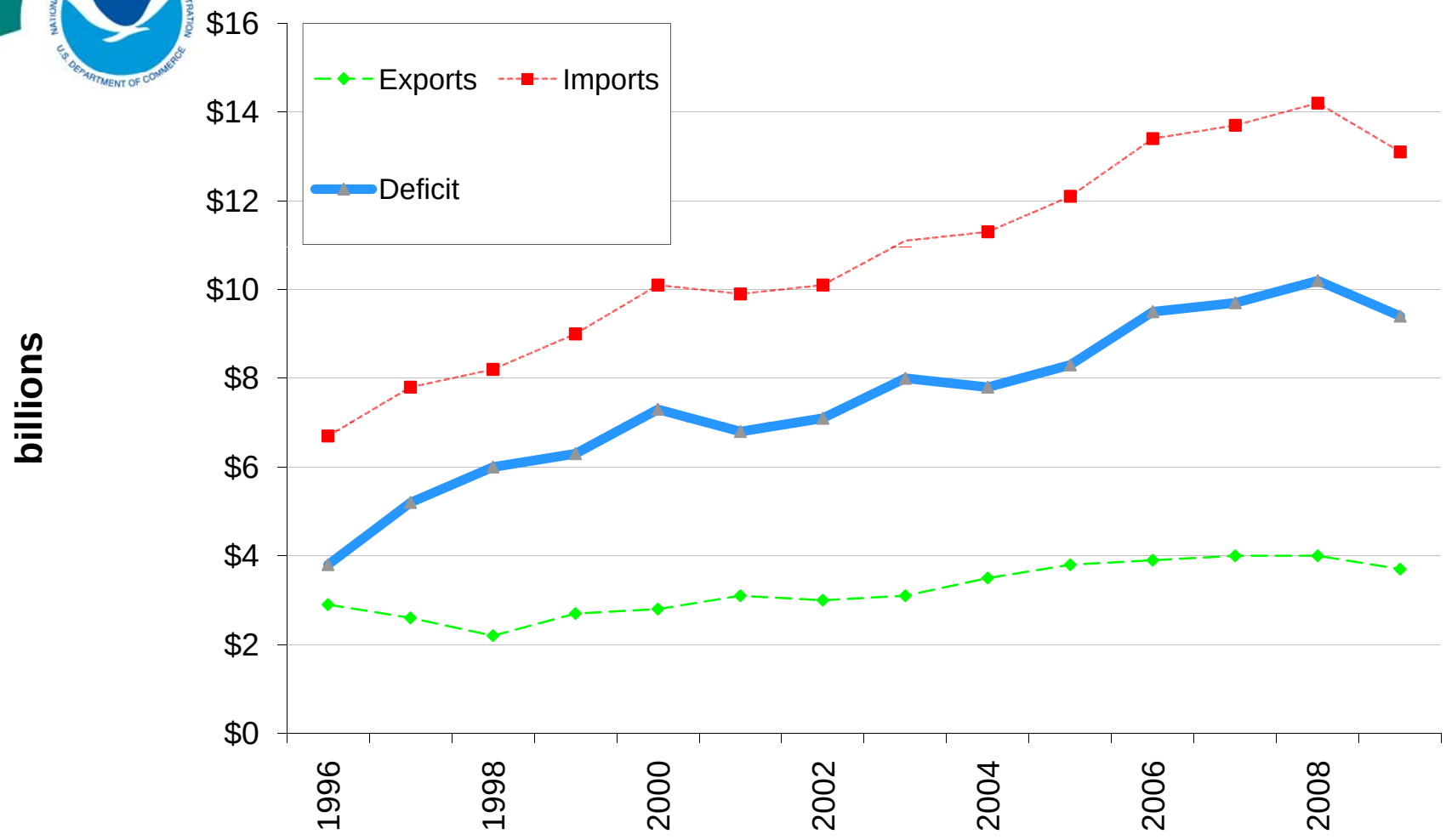
GROWTH OF AQUACULTURE IN THE USA IS FALLING BEHIND OTHER NATIONS



SOURCE:FISHSTAT 2008

U.S. Seafood Trade Deficit



Challenges for U.S. Aquaculture

- Concerns about potential environmental impacts
  - Water quality and benthic impacts
  - Disease transfer
  - Genetic impacts on wild stocks from escapes
  - Impacts on forage fish stocks
- User conflicts
  - Coastal development
  - Access to sites
  - Water quality
  - Concerns from some fishing communities

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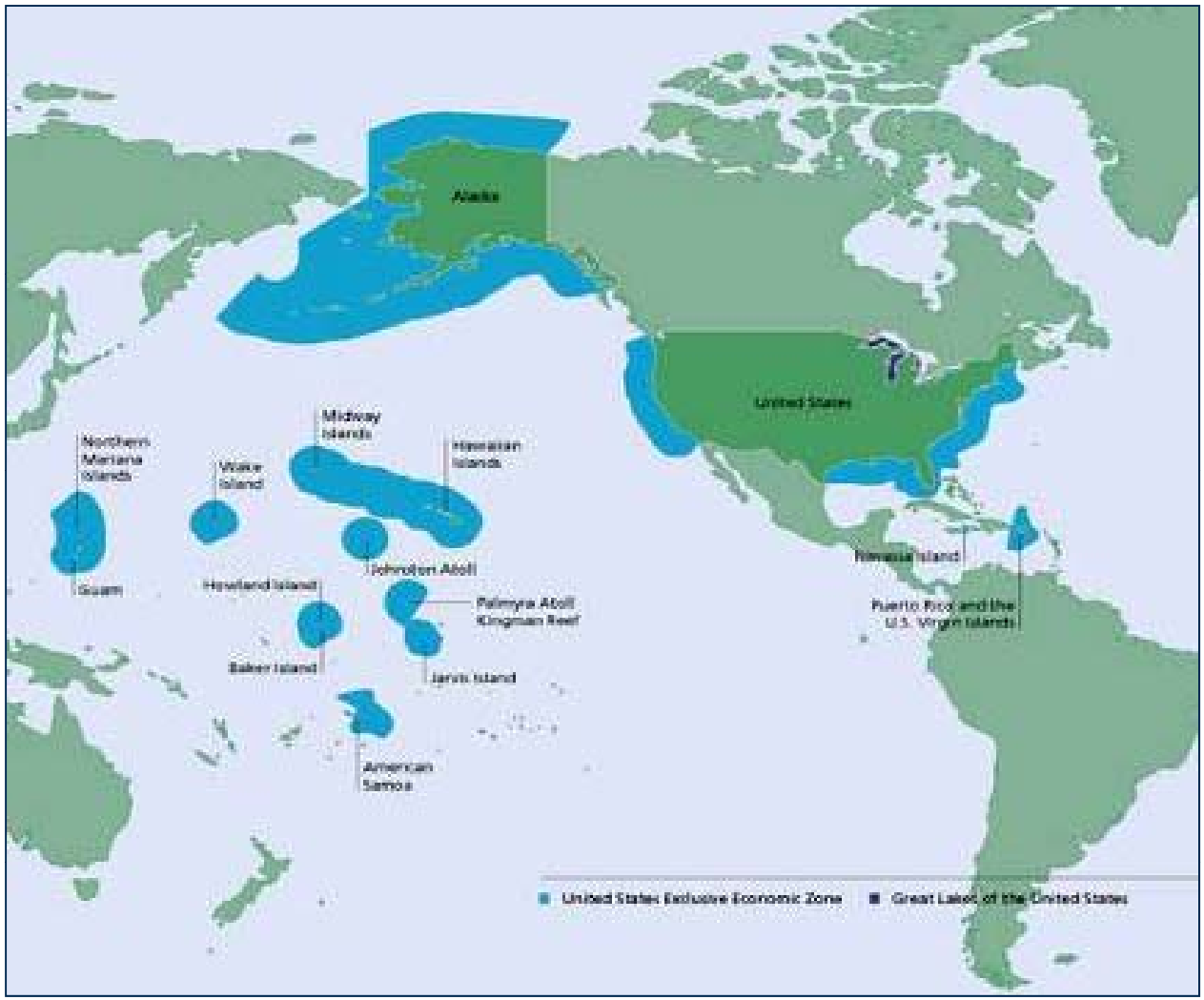
U.S. Exclusive Economic Zone



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Supporting Coastal Communities

By 2020
12,500 jobs
$100 million

By 2030
50,00 jobs
$1-2 billion

http://aquaculture.noaa.gov