



**NOAA
FISHERIES**



Expenditures and Economic Contribution of Recreational Fishing in Rhode Island and Massachusetts

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Overview

- Angler Expenditure Survey
- Angler expenditure estimates by state
- Economic impact estimates by state
- Uses for expenditure and impact estimates

2011 National Marine Angler Expenditure Survey

RI & MA

- Trip expenditures collected during MRIP intercept survey (food, lodging, fuel, bait, guide fees, etc.)
- Durable expenditures from follow-up mail survey (boats, boating equipment, rods, reels, tackle, etc.)

Response Rates

	MRIP intercepts conducted	MRIP econ intercepts completed	Deliverable mail surveys sent	Mail surveys returned / completed
RI	1,222	825 (68%)	180	82 (46%)
MA	4,262	3,352 (79%)	1,250	486 (39%)

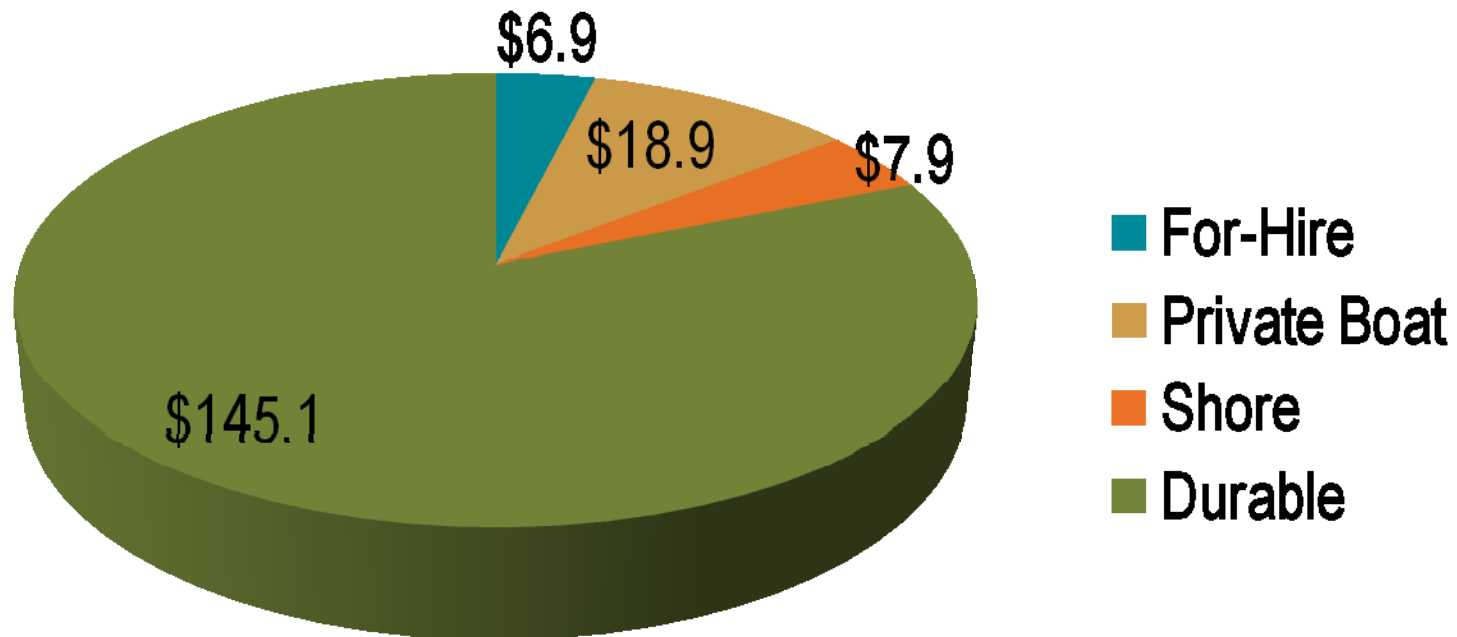
2011 Expenditures Estimates

- Trip expenditures by state/mode/resident status
 - Mean daily trip expenses
 - Total annual trip expenses
- Durable expenditures by state/resident status
 - Mean annual fishing equipment and durable expenses
 - Total annual fishing equipment and durable expenses



RI: Trip Expenditures and Durable Purchases

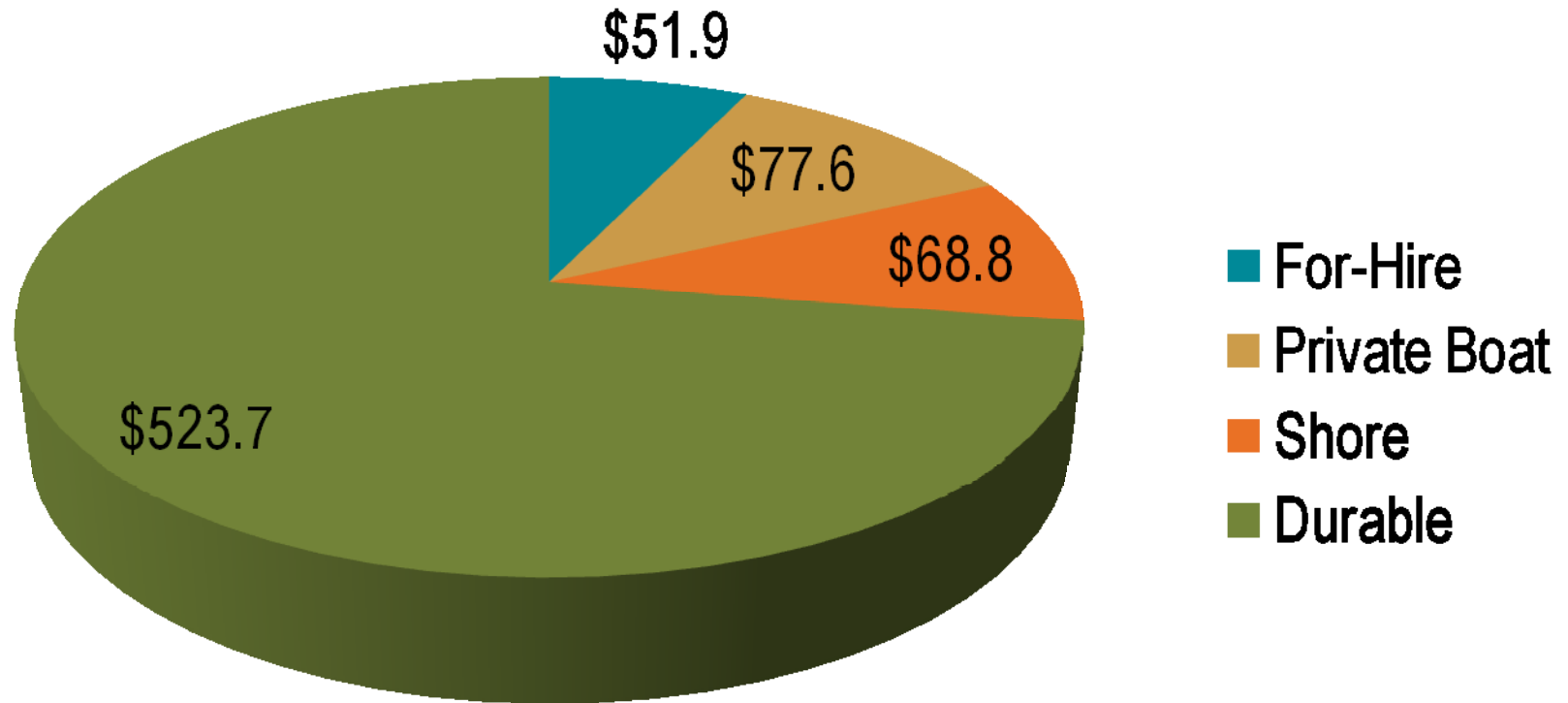
In millions of dollars



Total Expenditures = \$179 million (Rank vs. all coastal states = 18)

MA: Trip Expenditures and Durable Purchases

In millions of dollars



Total Expenditures = \$722 million

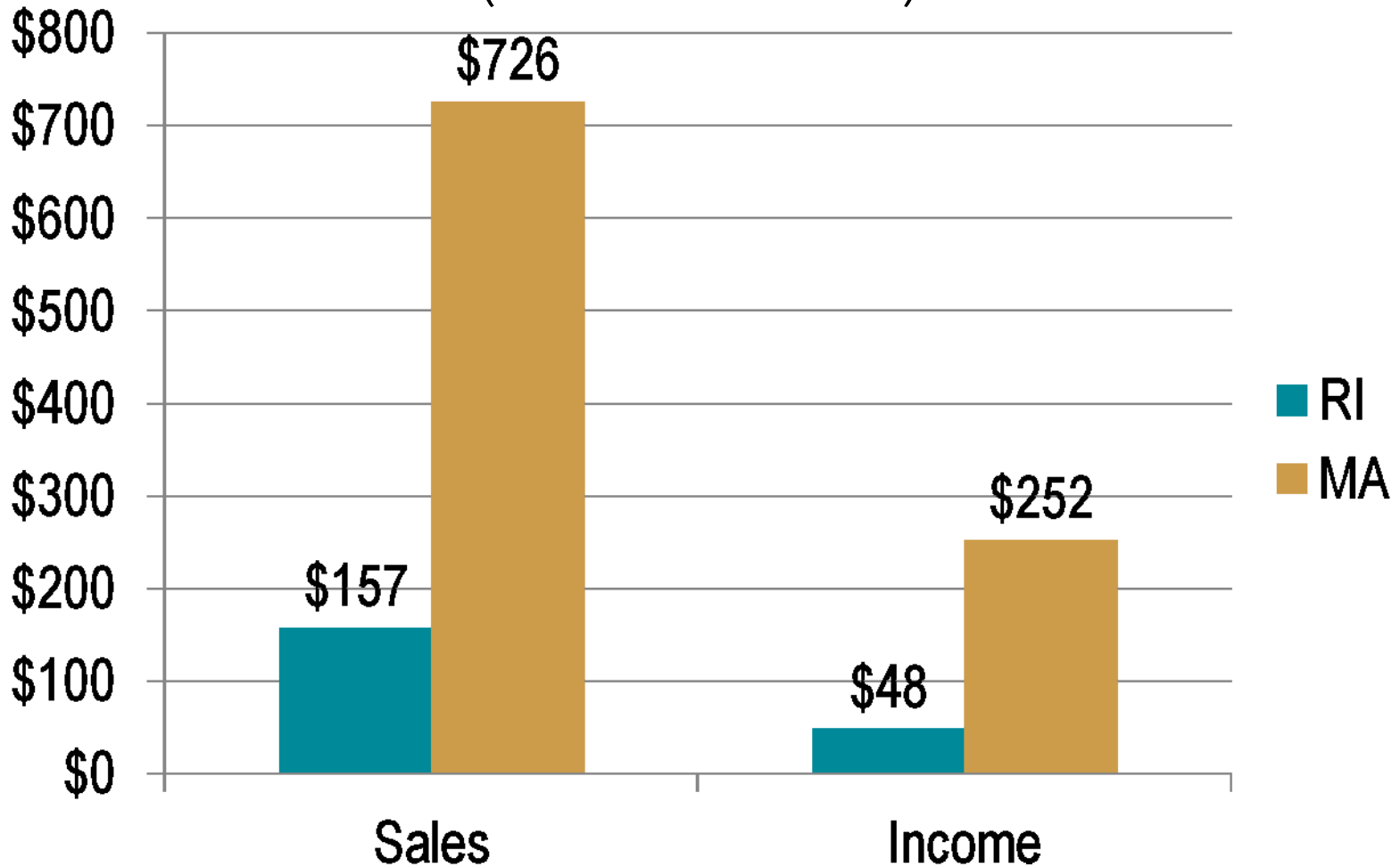
(Rank vs. all coastal states = 10)

Economic Contribution

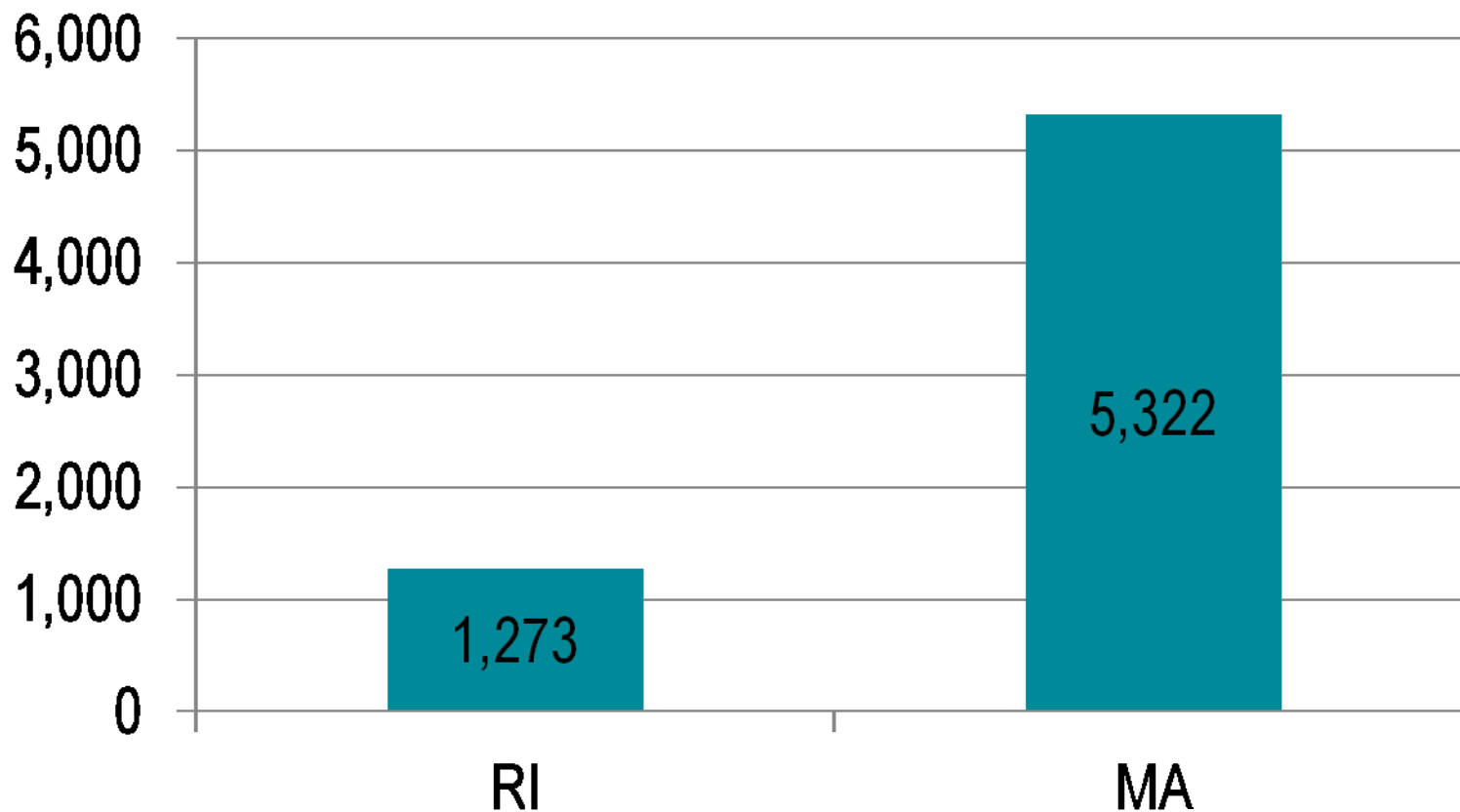
- The contribution of angler expenditures to the overall regional economy in each state (sales, income, value-added, jobs, taxes)
- Input-output model used to estimate multiplier effects

Economic Contribution: Sales and Income

(in millions of dollars)



Economic Contribution: Jobs Supported



Fisheries Economics of the U.S.

- National Marine Fisheries Service. 2012. Fisheries Economics of the United States, 2011. U.S. Dept. Commerce, NOAA Tech. Memo. NMFS-F/SPO-118, 175p. Available at:

<https://www.st.nmfs.noaa.gov/st5/publication/index.html>

- Updated economic contribution estimates will be available soon

How will the Expenditure and Impact Estimates be Used?

- Legislative mandates require economic assessments of proposed recreational fishing management actions
 - Associated change in angler expenditures and supporting businesses activity
- Provides decision-makers with information to make more informed decisions (i.e., enables least-cost options to be chosen)
- Disaster preparedness and assessments

New Report on the Economics of the Recreational For-Hire Industry

- The Economics of the Recreational For-Hire Fishing Industry in the Northeast U.S.
 - Provides the most comprehensive picture to date of the economic health and importance of the for-hire fleet in the Northeast region

Available at: <http://www.nefsc.noaa.gov/nefsc/publications/>

Questions?

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