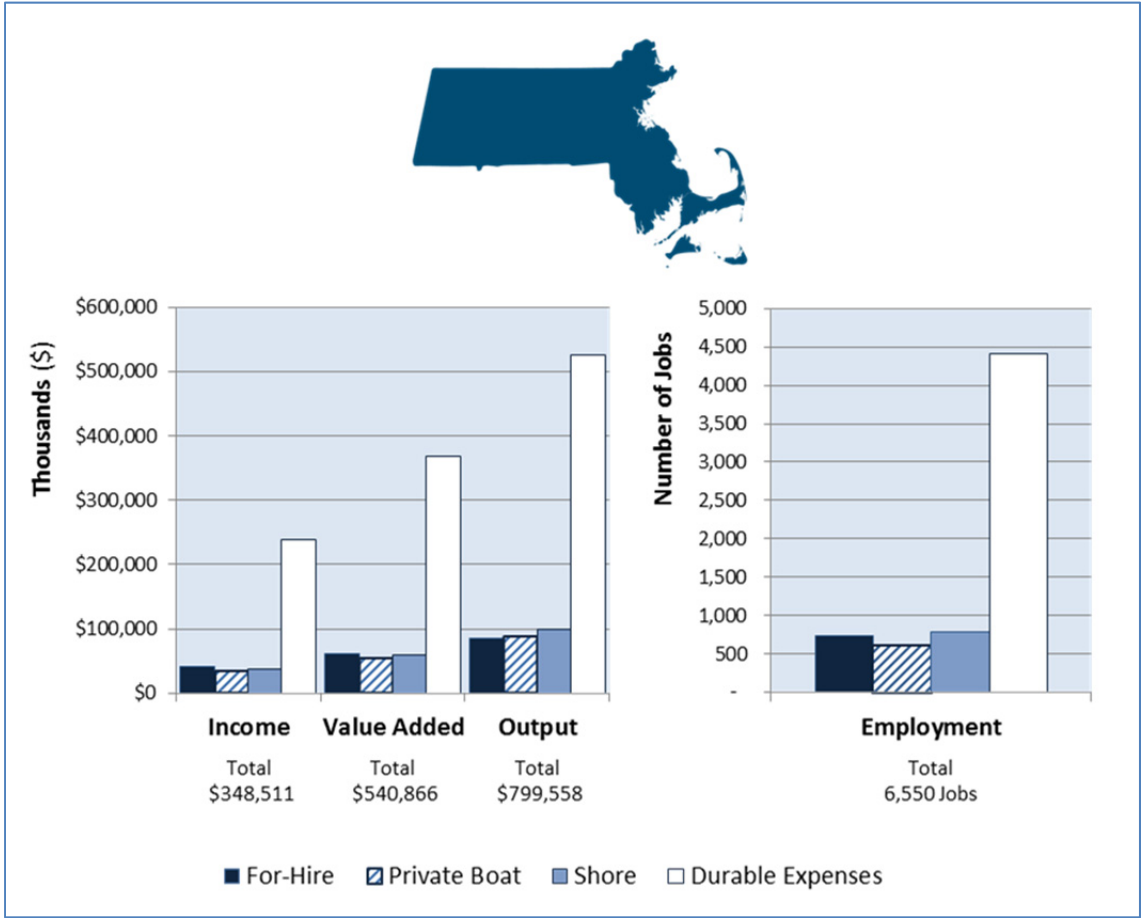


Figure MA\_1. Total Economic Impacts Generated in Massachusetts in 2011



Total angler expenditures on marine recreational fishing in Massachusetts were \$722 million in 2011. Trip expenditures were \$198 million and expenditures on durable goods were \$524 million. Marine angling trip expenditures were 27% of total angling expenditures and durable good expenditures were the remaining 73%. For-hire fishing trip expenditures totaled \$52 million, private boat trip expenditures totaled \$78 million, and shore fishing trips totaled \$69 million. Mean trip expenditures by residents on for-hire fishing trips were \$169.89, \$60.17 on private boat trips, and \$40.19 for shore trips. Non-resident mean trip expenditures were \$450.99, \$75.32, and \$144.93 respectively. Residents spent \$114 million on trip expenses; \$13 million on for-hire trips, \$63 million on private boat trips, and \$38 million on shore trips. Non-residents spent \$84 million on trip expenses; \$39 million on for-hire trips, \$15 million on private boat trips, and \$31 million on shore trips. Resident spending on durable goods purchased in Massachusetts totaled \$477 million; non-resident spending on durable goods totaled \$47 million. Marine recreational fishing in Massachusetts contributed 6.6 thousand jobs to the state's economy, generated \$800 million in output (sales), \$541 million to the state's gross domestic product, and \$349 million in income. Trip expenditures generated approximately 2.1 thousand jobs and durable expenses generated 4.4 thousand jobs. Marine angling trip expenditures supported 33% of total employment, and durable expenditures supported the remaining 67%.

**Table MA\_1. Total Economic Impacts Generated in Massachusetts in 2011**

| Expense Type     | Fishing Mode | Expense<br>(\$1,000's) | Economic Contribution |                       |                            |                       |
|------------------|--------------|------------------------|-----------------------|-----------------------|----------------------------|-----------------------|
|                  |              |                        | Employment<br>(Jobs)  | Income<br>(\$1,000's) | Value Added<br>(\$1,000's) | Output<br>(\$1,000's) |
| Trip Expenses    | For-Hire     | \$51,909               | 731                   | \$41,011              | \$60,208                   | \$85,330              |
|                  | Private Boat | \$77,600               | 609                   | \$32,542              | \$53,908                   | \$88,088              |
|                  | Shore        | \$68,780               | 793                   | \$36,389              | \$58,963                   | \$99,957              |
|                  | All Modes    | \$198,289              | 2,132                 | \$109,942             | \$173,079                  | \$273,375             |
| Durable Expenses |              | \$523,735              | 4,418                 | \$238,570             | \$367,788                  | \$526,183             |
| Total Expenses   |              | \$722,024              | 6,550                 | \$348,511             | \$540,866                  | \$799,558             |

**Table MA\_2. Federal and State Tax Impacts Generated in Massachusetts in 2011**

| Description            | Employee<br>Compensation | Proprietor<br>Income | Indirect<br>Business Tax | Households | Corporations | Total     |
|------------------------|--------------------------|----------------------|--------------------------|------------|--------------|-----------|
|                        | (\$1,000's)              |                      |                          |            |              |           |
| State and Local<br>Tax | \$1,227                  | \$0                  | \$57,467                 | \$12,417   | \$4,877      | \$75,989  |
| Federal Tax            | \$34,393                 | \$1,457              | \$9,626                  | \$34,773   | \$6,032      | \$86,282  |
| Total                  | \$35,620                 | \$1,457              | \$67,093                 | \$47,190   | \$10,910     | \$162,271 |

**Table MA\_3:**  
**Mean Expenditures by Mode and Resident Status in Massachusetts, 2011**

| Massachusetts    |              |                          | Resident Status |                 |                 |
|------------------|--------------|--------------------------|-----------------|-----------------|-----------------|
| Expenditure Type | MODE         | Expenditure Category     | Resident        | Non-Resident    | All Anglers     |
| Trips            | For-Hire     | Auto Fuel                | \$16.35         | \$38.34         | \$27.98         |
|                  |              | Auto Rental              | \$0.00          | \$0.99          | \$0.53          |
|                  |              | Bait                     | \$0.04          | \$0.08          | \$0.06          |
|                  |              | Boat Rental              | \$0.00          | \$2.44          | \$1.30          |
|                  |              | Charter Fees             | \$116.53        | \$250.69        | \$188.42        |
|                  |              | Crew Tips                | \$8.78          | \$12.88         | \$10.96         |
|                  |              | Fish Processing          | \$0.00          | \$0.00          | \$0.00          |
|                  |              | Food from Grocery Stores | \$7.60          | \$19.26         | \$13.80         |
|                  |              | Food from Restaurants    | \$11.71         | \$28.35         | \$20.65         |
|                  |              | Gifts & Souvenirs        | \$1.04          | \$18.10         | \$9.99          |
|                  |              | Ice                      | \$0.24          | \$0.23          | \$0.23          |
|                  |              | Lodging                  | \$6.32          | \$60.36         | \$34.97         |
|                  |              | Parking & Site Access    | \$0.45          | \$4.83          | \$2.80          |
|                  |              | Public Transportation    | \$0.21          | \$14.41         | \$7.80          |
|                  |              | Tournament Fees          | \$0.61          | \$0.03          | \$0.31          |
|                  |              | <b>Trip Total</b>        | <b>\$169.89</b> | <b>\$450.99</b> | <b>\$319.81</b> |
|                  | Private Boat | Auto Fuel                | \$17.02         | \$19.63         | \$17.39         |
|                  |              | Auto Rental              | \$0.00          | \$0.00          | \$0.00          |
|                  |              | Bait                     | \$5.24          | \$4.50          | \$5.13          |
|                  |              | Boat Fuel                | \$26.39         | \$19.67         | \$25.40         |
|                  |              | Boat Rental              | \$0.05          | \$0.00          | \$0.05          |
|                  |              | Charter Fees             | \$0.00          | \$0.00          | \$0.00          |
|                  |              | Fish Processing          | \$0.00          | \$0.00          | \$0.00          |
|                  |              | Food from Grocery Stores | \$6.42          | \$10.41         | \$7.01          |
|                  |              | Food from Restaurants    | \$2.48          | \$10.99         | \$3.76          |
|                  |              | Gifts & Souvenirs        | \$0.00          | \$0.98          | \$0.14          |
|                  |              | Ice                      | \$0.91          | \$0.91          | \$0.91          |
|                  |              | Lodging                  | \$0.00          | \$4.47          | \$0.66          |
|                  |              | Parking & Site Access    | \$1.65          | \$0.75          | \$1.52          |
|                  |              | Public Transportation    | \$0.00          | \$3.02          | \$0.45          |
|                  |              | Tournament Fees          | \$0.00          | \$0.00          | \$0.00          |
|                  |              | <b>Trip Total</b>        | <b>\$60.17</b>  | <b>\$75.32</b>  | <b>\$62.43</b>  |
|                  | Shore        | Auto Fuel                | \$14.75         | \$19.48         | \$15.64         |
|                  |              | Auto Rental              | \$0.00          | \$1.70          | \$0.31          |
|                  |              | Bait                     | \$4.74          | \$2.67          | \$4.36          |
|                  |              | Boat Rental              | \$0.00          | \$0.00          | \$0.00          |
|                  |              | Fish Processing          | \$0.00          | \$0.00          | \$0.00          |
|                  |              | Food from Grocery Stores | \$9.96          | \$10.86         | \$10.13         |
|                  |              | Food from Restaurants    | \$4.47          | \$32.21         | \$9.69          |
|                  |              | Gifts & Souvenirs        | \$0.23          | \$3.77          | \$0.86          |
|                  |              | Ice                      | \$0.46          | \$0.21          | \$0.41          |
|                  |              | Lodging                  | \$3.90          | \$65.39         | \$15.43         |
|                  |              | Parking & Site Access    | \$1.38          | \$1.29          | \$1.36          |
|                  |              | Public Transportation    | \$0.30          | \$7.34          | \$1.57          |
|                  |              | Tournament Fees          | \$0.00          | \$0.00          | \$0.00          |
|                  |              | <b>Trip Total</b>        | <b>\$40.19</b>  | <b>\$144.93</b> | <b>\$59.76</b>  |

**Table MA\_3 Cont.:**  
**Mean Expenditures by Mode and Resident Status in Massachusetts, 2011**

| Massachusetts    |                            | Resident Status |                 |                 |
|------------------|----------------------------|-----------------|-----------------|-----------------|
| Expenditure Type | Expenditure Category       | Resident        | Non-Resident    | All Anglers     |
| Durable          | Tackle                     | \$97.77         | \$59.40         | \$81.65         |
|                  | Rods & Reels               | \$124.48        | \$8.31          | \$76.07         |
|                  | Spearfishing Gear          | \$0.00          | \$0.00          | \$0.00          |
|                  | Binoculars                 | \$0.96          | \$0.00          | \$0.55          |
|                  | Camping Equipment          | \$5.00          | \$0.08          | \$3.08          |
|                  | Clothing                   | \$33.19         | \$4.64          | \$20.17         |
|                  | Club Dues                  | \$1.66          | \$0.00          | \$0.96          |
|                  | License Fees               | \$10.23         | \$10.44         | \$10.32         |
|                  | Magazine Subscriptions     | \$9.75          | \$2.22          | \$6.48          |
|                  | Taxidermy                  | \$0.00          | \$0.10          | \$0.04          |
|                  | New Boat Purchase          | \$216.37        | \$103.10        | \$166.84        |
|                  | Used Boat Purchase         | \$55.68         | \$0.00          | \$31.33         |
|                  | New Canoe Purchase         | \$0.09          | \$0.00          | \$0.05          |
|                  | Used Canoe Purchase        | \$0.00          | \$0.00          | \$0.00          |
|                  | New Accessory Purchase     | \$28.80         | \$0.00          | \$16.17         |
|                  | Used Accessory Purchase    | \$0.00          | \$0.00          | \$0.00          |
|                  | Boat Insurance             | \$40.44         | \$0.00          | \$22.68         |
|                  | Boat Maintenance           | \$57.99         | \$0.00          | \$32.41         |
|                  | Boat Registration          | \$13.67         | \$0.00          | \$7.65          |
|                  | Boat Storage               | \$12.68         | \$0.00          | \$7.14          |
|                  | Boat Purchase Fees         | \$3.11          | \$4.65          | \$3.79          |
|                  | New Vehicle Purchase       | \$53.54         | \$0.00          | \$30.35         |
|                  | Used Vehicle Purchase      | \$44.88         | \$0.00          | \$25.77         |
|                  | Vehicle Insurance          | \$45.28         | \$0.00          | \$25.66         |
|                  | Vehicle Maintenance        | \$40.07         | \$0.00          | \$22.87         |
|                  | Vehicle Registration       | \$4.82          | \$0.00          | \$2.73          |
|                  | Vehicle Purchase Fees      | \$2.68          | \$0.00          | \$1.54          |
|                  | New Home Purchase          | \$0.00          | \$0.00          | \$0.00          |
|                  | Second Home Insurance      | \$0.00          | \$0.00          | \$0.00          |
|                  | Second Home Maintenance    | \$0.00          | \$0.00          | \$0.00          |
|                  | Second Home Property Taxes | \$0.93          | \$0.00          | \$0.54          |
|                  | Second Home Purchase Fees  | \$0.83          | \$0.00          | \$0.48          |
|                  | Real Estate Commissions    | \$1.88          | \$0.00          | \$1.09          |
|                  | <b>Total Annual</b>        | <b>\$906.77</b> | <b>\$192.95</b> | <b>\$598.40</b> |

Table MA\_4:

## Total Expenditures by Mode and Resident Status in Massachusetts, 2011 (\$1,000s)

| Massachusetts    |                             |                                | Resident Status  |                 |                  |
|------------------|-----------------------------|--------------------------------|------------------|-----------------|------------------|
| Expenditure Type | MODE                        | Expenditure Category           | Resident         | Non-Resident    | All Anglers      |
| Trip             | For-Hire                    | Auto Fuel                      | \$1,289          | \$3,274         | \$4,563          |
|                  |                             | Auto Rental                    | \$0              | \$85            | \$85             |
|                  |                             | Bait                           | \$3              | \$7             | \$10             |
|                  |                             | Boat Rental                    | \$0              | \$208           | \$208            |
|                  |                             | Charter Fees                   | \$9,188          | \$21,409        | \$30,597         |
|                  |                             | Crew Tips                      | \$692            | \$1,100         | \$1,792          |
|                  |                             | Fish Processing                | \$0              | \$0             | \$0              |
|                  |                             | Food from Grocery Stores       | \$599            | \$1,645         | \$2,244          |
|                  |                             | Food from Restaurants          | \$923            | \$2,421         | \$3,344          |
|                  |                             | Gifts & Souvenirs              | \$82             | \$1,546         | \$1,628          |
|                  |                             | Ice                            | \$19             | \$20            | \$39             |
|                  |                             | Lodging                        | \$498            | \$5,155         | \$5,653          |
|                  |                             | Parking & Site Access Fees     | \$35             | \$412           | \$448            |
|                  |                             | Public Transportation          | \$17             | \$1,231         | \$1,247          |
|                  |                             | Tournament Fees                | \$48             | \$3             | \$51             |
|                  |                             | <b>For-Hire Trip Total</b>     | <b>\$13,394</b>  | <b>\$38,515</b> | <b>\$51,909</b>  |
|                  | Private Boat                | Auto Fuel                      | \$17,829         | \$3,800         | \$21,629         |
|                  |                             | Auto Rental                    | \$0              | \$0             | \$0              |
|                  |                             | Bait                           | \$5,489          | \$871           | \$6,360          |
|                  |                             | Boat Fuel                      | \$27,644         | \$3,808         | \$31,451         |
|                  |                             | Boat Rental                    | \$52             | \$0             | \$52             |
|                  |                             | Charter Fees                   | \$0              | \$0             | \$0              |
|                  |                             | Fish Processing                | \$0              | \$0             | \$0              |
|                  |                             | Food from Grocery Stores       | \$6,725          | \$2,015         | \$8,740          |
|                  |                             | Food from Restaurants          | \$2,598          | \$2,127         | \$4,725          |
|                  |                             | Gifts & Souvenirs              | \$0              | \$190           | \$190            |
|                  |                             | Ice                            | \$953            | \$176           | \$1,129          |
|                  |                             | Lodging                        | \$0              | \$865           | \$865            |
|                  |                             | Parking & Site Access Fees     | \$1,728          | \$145           | \$1,874          |
|                  |                             | Public Transportation          | \$0              | \$585           | \$585            |
|                  |                             | Tournament Fees                | \$0              | \$0             | \$0              |
|                  |                             | <b>Private Boat Trip Total</b> | <b>\$63,018</b>  | <b>\$14,582</b> | <b>\$77,600</b>  |
|                  | Shore                       | Auto Fuel                      | \$13,772         | \$4,201         | \$17,973         |
|                  |                             | Auto Rental                    | \$0              | \$367           | \$367            |
|                  |                             | Bait                           | \$4,426          | \$576           | \$5,002          |
|                  |                             | Boat Rental                    | \$0              | \$0             | \$0              |
|                  |                             | Fish Processing                | \$0              | \$0             | \$0              |
|                  |                             | Food from Grocery Stores       | \$9,300          | \$2,342         | \$11,642         |
|                  |                             | Food from Restaurants          | \$4,174          | \$6,947         | \$11,120         |
|                  |                             | Gifts & Souvenirs              | \$215            | \$813           | \$1,028          |
|                  |                             | Ice                            | \$430            | \$45            | \$475            |
|                  |                             | Lodging                        | \$3,641          | \$14,102        | \$17,744         |
|                  |                             | Parking & Site Access Fees     | \$1,289          | \$278           | \$1,567          |
|                  |                             | Public Transportation          | \$280            | \$1,583         | \$1,863          |
|                  |                             | Tournament Fees                | \$0              | \$0             | \$0              |
|                  |                             | <b>Shore Trip Total</b>        | <b>\$37,526</b>  | <b>\$31,254</b> | <b>\$68,780</b>  |
|                  | <b>ALL TRIP MODES TOTAL</b> |                                | <b>\$113,938</b> | <b>\$84,351</b> | <b>\$198,289</b> |

Table MA\_4 Cont.:

## Total Expenditures by Mode and Resident Status in Massachusetts, 2011 (\$1,000s)

| Massachusetts                       |                            | Resident Status  |                  |                  |
|-------------------------------------|----------------------------|------------------|------------------|------------------|
| Expenditure Type                    | Expenditure Category       | Resident         | Non-Resident     | All Anglers      |
| Durable                             | Tackle                     | \$51,420         | \$14,418         | \$65,838         |
|                                     | Rods & Reels               | \$65,468         | \$2,017          | \$67,485         |
|                                     | Spearfishing Gear          | \$0              | \$0              | \$0              |
|                                     | Binoculars                 | \$505            | \$0              | \$505            |
|                                     | Camping Equipment          | \$2,630          | \$19             | \$2,649          |
|                                     | Clothing                   | \$17,456         | \$1,126          | \$18,582         |
|                                     | Club Dues                  | \$873            | \$0              | \$873            |
|                                     | License Fees               | \$5,380          | \$2,534          | \$7,914          |
|                                     | Magazine Subscriptions     | \$5,128          | \$539            | \$5,667          |
|                                     | Taxidermy                  | \$0              | \$24             | \$24             |
|                                     | New Boat Purchase          | \$113,796        | \$25,024         | \$138,820        |
|                                     | Used Boat Purchase         | \$29,284         | \$0              | \$29,284         |
|                                     | New Canoe Purchase         | \$47             | \$0              | \$47             |
|                                     | Used Canoe Purchase        | \$0              | \$0              | \$0              |
|                                     | New Accessory Purchase     | \$15,147         | \$0              | \$15,147         |
|                                     | Used Accessory Purchase    | \$0              | \$0              | \$0              |
|                                     | Boat Insurance             | \$21,269         | \$0              | \$21,269         |
|                                     | Boat Maintenance           | \$30,499         | \$0              | \$30,499         |
|                                     | Boat Registration          | \$7,189          | \$0              | \$7,189          |
|                                     | Boat Storage               | \$6,669          | \$0              | \$6,669          |
|                                     | Boat Purchase Fees         | \$1,636          | \$1,129          | \$2,764          |
|                                     | New Vehicle Purchase       | \$28,158         | \$0              | \$28,158         |
|                                     | Used Vehicle Purchase      | \$23,604         | \$0              | \$23,604         |
|                                     | Vehicle Insurance          | \$23,814         | \$0              | \$23,814         |
|                                     | Vehicle Maintenance        | \$21,074         | \$0              | \$21,074         |
|                                     | Vehicle Registration       | \$2,535          | \$0              | \$2,535          |
|                                     | Vehicle Purchase Fees      | \$1,409          | \$0              | \$1,409          |
|                                     | New Home Purchase          | \$0              | \$0              | \$0              |
|                                     | Second Home Insurance      | \$0              | \$0              | \$0              |
|                                     | Second Home Maintenance    | \$0              | \$0              | \$0              |
|                                     | Second Home Property Taxes | \$489            | \$0              | \$489            |
|                                     | Second Home Purchase Fees  | \$437            | \$0              | \$437            |
|                                     | Real Estate Commissions    | \$989            | \$0              | \$989            |
|                                     | <b>Total Annual</b>        | <b>\$476,905</b> | <b>\$46,830</b>  | <b>\$523,735</b> |
| <b>TRIP AND DURABLE GRAND TOTAL</b> |                            | <b>\$590,843</b> | <b>\$131,181</b> | <b>\$722,024</b> |