



Estimate of Annual Expenditures by Resident Muskies Anglers in Minnesota

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Two studies used for estimates:

- Managing Muskies in Minnesota (2007)
 - Expenditure estimates per angler each year
- Statewide Minnesota Angler (2012)
 - Estimates of the proportion of resident anglers that fish for muskie in 2011

Summary from:

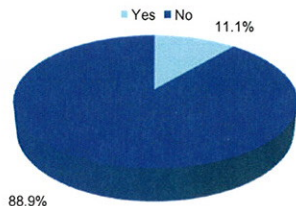
Schroeder, S.A., Fulton, D.C., and Dodd, R.A. (2007). Managing muskie in Minnesota. Report to the Minnesota Department of Natural Resources. Minnesota Cooperative Fish and Wildlife Research Unit. Department of Fisheries, Wildlife and Conservation Biology. University of Minnesota.

Schroeder, S.A. (2012). Statewide Angler Study. Report to the Minnesota Department of Natural Resources. Minnesota Cooperative Fish and Wildlife Research Unit. Department of Fisheries, Wildlife and Conservation Biology. University of Minnesota.

Methods

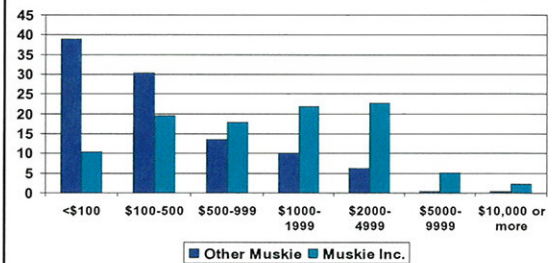
- Mail survey
- Study population = Minnesota licensed anglers
- General Statewide Angler (2011)
 - (n = 2026)
- Muskies study (2007)
 - General Muskies Anglers (n = 221)
 - Muskies Inc. Members (n = 374)

Fish for Muskies in the past 12 months (2011)?



- Assume 1 million resident anglers
- 111,000 muskies anglers

How much money did you spend last year specifically on muskies fishing? (2007)



5.9% of muskies anglers belong to Muskies, Inc. or other club

Muskie, Inc. and other club angler expenditures

Amount	%	Total
\$50	10.4	\$34,054.80
\$300	19.5	\$383,116.50
\$750	17.9	\$879,203.25
\$1500	21.9	\$2,151,346.50
\$3500	22.7	\$5,203,180.50
\$7500	5.1	\$2,504,180.50
\$10000	2.4	\$1,571,760.00
Total	100.0	\$12,727,654.05
Error Margin (±4.8%)		±\$610,927.39

N = 6549

*Estimated to be 5.9% of muskie anglers

Non-club muskie angler expenditures

Amount	%	Total
\$50	38.9	\$2,031,571.95
\$300	30.3	\$9,494,595.90
\$750	13.6	\$10,654,002.00
\$1500	10.0	\$15,667,650.00
\$3500	6.3	\$23,031,445.50
\$7500	0.5	\$3,916,912.50
\$10000	0.5	\$5,222,550.00
Total	100.0	\$70,018,727.85
Error Margin (±6.6%)		±\$4,621,236.04

N = 104,451

*Estimated to be 94.1% of muskie anglers

Total Expenditure estimate

- \$82.7 million ± \$5.2 million in 2007
- \$89.2 million in 2012 using standard GDP inflation estimates