

# Maryland Non-Tidal Angler Preference Survey

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## Introduction

- Maryland freshwater fishing in 2011: 227,000 anglers; 2.5 million fishing trips; \$400 million in expenditures
- Up-to-date information on angler participation, preferences, and expenditures is lacking
- This inhibits the effective management of public fishery resources for anglers and other stakeholders
- Our survey and analysis will enable fisheries managers to create, maintain and enhance the fisheries resources most valued by stakeholders

## Survey Methods

### Mailing 1

- Letter w/ survey website (N = 4,300)

### Mailing 2

- Small Postcard w/ survey website

### Mailing 3

- Large Postcard w/ survey website

### Mailing 4

- Hard Copy of Survey w/ return envelope



## Survey Focus and Questions

### Fishing Effort

- Examine fishing trip frequency, location, methods used, and species targeted

14. Please list the three Maryland **Non-Tidal Rivers/Streams** where you went fishing the most in 2015. For each waterbody, also list the county, # of trips, and species targeted. (If you did not fish in a Maryland Non-Tidal River/Stream in 2015, please skip to question 15.)

Non-Tidal River/Stream	County (list multiple, if necessary)	# of trips	Species Targeted (list multiple, if necessary)

### Fishing Trip Expenditures

- Estimate statewide & regional trip expenditures

12. For the same trip as above, please enter the dollar amount of your share of expenditures for each category below. Please be as accurate as possible – If unsure, provide your best estimate. If you made no expenditures for a category, please enter a "0".

Transportation (ex: gas & tolls)	\$	Restaurant/ Takeout	\$	Guide Fees	\$
Boat Expenses (ex: gas & launch fees)	\$	Entertainment	\$	Lodging	\$
Groceries/Snacks/ Drinks	\$	Bait, Lures, & Tackle	\$	Other	\$

### Stated Choice Experiment

- Each respondent faces 4 trout fishing site choice scenarios
- Site characteristic levels (X's) vary within & across surveys
- Statistical model developed which relates fishing site choice to site characteristics
- Identify determinants of fishing site selection and tradeoffs
- **For example:** Are anglers willing to drive further to catch more/bigger trout?

Fishing Site Characteristics	Fishing Site A	Fishing Site B
<b>Waterbody</b> Type of Waterbody	X <sub>1A</sub>	X <sub>1B</sub>
<b>Catch</b> Type of Trout	X <sub>2A</sub>	X <sub>2B</sub>
Typical Catch Rate	X <sub>3A</sub>	X <sub>3B</sub>
Trophy Possibility	X <sub>4A</sub>	X <sub>4B</sub>
<b>Regulations</b> Lure/Bait	X <sub>5A</sub>	X <sub>5B</sub>
Creel Limit	X <sub>6A</sub>	X <sub>6B</sub>
<b>Distance</b> Driving Distance	X <sub>7A</sub>	X <sub>7B</sub>
Where would you go fishing? (Please Check Only One)	<input type="checkbox"/>	<input type="checkbox"/>

25. Choice 3: Where would you go trout fishing? (check only one box below)

Fishing Site Characteristics	Fishing Site A	Fishing Site B
<b>Waterbody</b> Type of Waterbody	River/Stream	River/Stream
<b>Catch</b> Type of Trout	Stocked Rainbow Trout	Wild Brown Trout
Typical Catch Rate	1 trout per hour	1 trout per 15 minutes
Trophy Possibility	1 trophy per 10 trips (Rainbow Trout 18" or above)	No trophy trout available (Brown Trout 18" or above)
<b>Regulations</b> Lure/Bait	Artificial Lures & Flies Only	No Restrictions
Creel Limit	5 trout	2 trout
<b>Distance</b> Driving Distance	75 miles	35 miles
Where would you go fishing? (Please Check Only One)	<input type="checkbox"/>	<input type="checkbox"/>

