

## STUDY FINAL REPORT

**State:** Michigan

**Project No.:** F-35-R-24

**Study No.:** 667

**Title:** Redesign of sportfishing creel surveys

**Period Covered:** April 1, 1998 to September 30, 1999

**Study Objective:** Determine which method, or methods, for calculating catch per hour is appropriate for use with Michigan creel surveys. Prepare sampling scheme for total catch and angling pressure for the sportfishery in Michigan waters of Lake Michigan.

**Findings:** Results of Jobs 1-3 are given in the following reports:

Lockwood, R. N. 1996. Evaluation of Michigan creel survey catch rate estimator. Michigan Department of Natural Resources, Fisheries Research Report 2028, Ann Arbor.

Lockwood, R. N. In press. Conducting roving and access site angler surveys. Chapter 14 in J. C. Schneider editor. Manual of fisheries survey methods II. Fisheries Management Report No., Michigan Department of Natural Resources, Lansing.

Lockwood, R. N., D. M. Benjamin, and J. R. Bence. 1998. Estimating angling effort and catch from Michigan roving and access site angler survey data. Michigan Department of Natural Resources, Fisheries Research Report 2044, Ann Arbor.

Results of Jobs 4-5 are given in the following Fisheries Research Report:

Lockwood, R. N. 1999. Evaluation of sampling techniques for the Lake Michigan angler survey. Michigan Department of Natural Resources, Fisheries Research Report 2050, Ann Arbor.

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**Date:** September 30, 1999