

Survey Report for LAKEGOGEBIC, Winter, 2010

Waterbody	LAKE GOGEBIC
Year	Winter, 2010
County	Gogebic
Sites	LAKEGOGEBIC
Survey period	March 1 to March 31
Interview type/mode	access/open ice, shanty
Count type/mode	roving/roving
Clerk time	Full time
Survey purpose	Characterize general effort and catch aspects of the fishery

Notes

Survey followed a roving-roving design. All funding was provided through Fisheries Division. One clerk worked full-time to collect angler survey data. Both weekend days and 3 randomly selected weekdays were selected for sampling during each week of the survey season. No holidays were sampled. Clerk followed a randomized count and interview schedule. One of two shifts was selected each sample day. The entire water body was sampled each day. Starting location within the waterbody and direction of travel were randomized for both counting and interviewing. Counts of anglers were made once per day. Survey period for both counts and interviews was March 1 to March 31. Months were estimated separately. Estimates are given in the following tables.

Table –Work shifts used to estimate catch and effort at LAKEGOGEBIC, March 1 to March 31, Winter, 2010

	Year	Month	F
1	2010	3	13

Estimated harvest, catch per hour, and fishing pressure for Lake Gogebic – open ice. Two standard errors are given in parentheses.

Species	C/H	March
HARVEST		
Walleye	0 (0)	0 (0)
Yellow Perch	0.0236 (0.0376)	86 (125)
Black crappie	0.0011 (0.0024)	4 (8)
Common white sucker	0.0011 (0.0024)	4 (8)
TOTAL HARVEST	0.0257 (0.0383)	94 (126)
RELEASED		
Walleye	0.0100 (0.0178)	36 (60)
Northern pike	0 (0)	0 (0)
Yellow Perch	0.0011 (0.0024)	4 (8)
TOTAL RELEASED	0.0111 (0.0182)	40 (61)
TOTAL CATCH	0.0368 (0.0450)	134 (140)
ANGLER HOURS		3,632 (2,286)
ANGLER TRIPS		690 (472)

Estimated harvest, catch per hour, and fishing pressure for Lake Gogebic - shanty. Two standard errors are given in parentheses.

Species	C/H	March
HARVEST		
Walleye	0.0280 (0.0553)	35 (56)
Yellow Perch	0 (0)	0 (0)
Black crappie	0 (0)	0 (0)
Common white sucker	0 (0)	0 (0)
TOTAL HARVEST	0.0280 (0.0553)	35 (56)
RELEASED		
Walleye	0.0256 (0.0593)	32 (64)
Northern pike	0.0154 (0.0356)	19 (38)
Yellow Perch	0 (0)	0 (0)
TOTAL RELEASED	0.0410 (0.0764)	51 (75)
TOTAL CATCH	0.0690 (0.1094)	86 (93)
ANGLER HOURS		1,251 (1,449)
ANGLER TRIPS		139 (161)

Estimated harvest, catch per hour, and fishing pressure for Lake Gogebic – all modes.
Two standard errors are given in parentheses.

Species	C/H	March
HARVEST		
Walleye	0.0072 (0.0121)	35 (56)
Yellow Perch	0.0176 (0.0275)	86 (125)
Black crappie	0.0008 (0.0018)	4 (8)
Common white sucker	0.0008 (0.0017)	4 (8)
TOTAL HARVEST	0.0263 (0.0318)	129 (138)
RELEASED		
Walleye	0.0140 (0.0196)	68 (88)
Northern pike	0.0039 (0.0082)	19 (38)
Yellow Perch	0.0008 (0.0018)	4 (8)
TOTAL RELEASED	0.0188 (0.0223)	92 (97)
TOTAL CATCH	0.0451 (0.0426)	220 (168)
ANGLER HOURS		4,883 (2,706)
ANGLER TRIPS		829 (498)