

## Survey Report for Lake Gogebic , Winter, 2011

<b>Waterbody</b>	Lake Gogebic
<b>Year</b>	Winter, 2011
<b>County</b>	Gogebic
<b>Survey period</b>	March 1 to March 31
<b>Survey design</b>	roving-roving
<b>Interview type/mode</b>	roving/open ice, shanty
<b>Clerk time</b>	full
<b>Survey purpose</b>	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 Lake Gogebic and direction of travel were randomized for both counting and interviewing. One count of shanty and open-ice 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.

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

<b>Species</b>	<b>C/H</b>	<b>March</b>
<b>HARVEST</b>		
Walleye	0.0215 (0.0262)	273 (291)
Northern pike	0.0002 (0.0005)	3 (6)
<b>Yellow Perch</b>	<b>0.0513</b> (0.0486)	<b>652</b> (482)
Common white sucker	0 (0)	0 (0)
<b>TOTAL HARVEST</b>	<b>0.0730</b> (0.0619)	<b>928</b> (563)
<b>RELEASED</b>		
Walleye	0.0078 (0.0104)	99 (118)
Northern pike	0.0042 (0.0087)	53 (106)
Smallmouth bass	0.0050 (0.0079)	63 (93)
<b>Yellow Perch</b>	<b>0.0126</b> (0.0181)	<b>161</b> (210)
Common white sucker	0.0003 (0.0006)	4 (8)
<b>TOTAL RELEASED</b>	<b>0.0299</b> (0.0282)	<b>380</b> (279)
<b>TOTAL CATCH</b>	<b>0.1029</b> (0.0784)	<b>1,308</b> (629)
<b>ANGLER HOURS</b>		12,710 (7,517)
<b>ANGLER TRIPS</b>		1,834 (1,124)

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

<b>Species</b>	<b>C/H</b>	<b>March</b>
<b>HARVEST</b>		
Walleye	0.1445 (0.2078)	679 (792)
Northern pike	0.0174 (0.0322)	82 (135)
<b>Yellow Perch</b>	<b>0.0387</b> (0.0679)	<b>182</b> (280)
Common white sucker	0.0070 (0.0153)	33 (66)
<b>TOTAL HARVEST</b>	<b>0.2077</b> (0.2520)	<b>976</b> (854)
<b>RELEASED</b>		
Walleye	0.0555 (0.0915)	261 (370)
Northern pike	0.0624 (0.0851)	294 (315)
Smallmouth bass	0 (0)	0 (0)
<b>Yellow Perch</b>	<b>0.0030</b> (0.0064)	<b>14</b> (28)
Common white sucker	0.0084 (0.0183)	40 (79)
<b>TOTAL RELEASED</b>	<b>0.1294</b> (0.1512)	<b>608</b> (493)
<b>TOTAL CATCH</b>	<b>0.3371</b> (0.3526)	<b>1,585</b> (986)
<b>ANGLER HOURS</b>		4,701 (3,953)
<b>ANGLER TRIPS</b>		681 (616)

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

<b>Species</b>	<b>C/H</b>	<b>March</b>
<b>HARVEST</b>		
Walleye	0.0547 (0.0553)	952 (844)
Northern pike	0.0049 (0.0081)	85 (135)
<b>Yellow Perch</b>	<b>0.0479</b> (0.0396)	<b>834</b> (558)
Common white sucker	0.0019 (0.0039)	33 (66)
<b>TOTAL HARVEST</b>	<b>0.1094</b> (0.0794)	<b>1,904</b> (1,023)
<b>RELEASED</b>		
Walleye	0.0207 (0.0245)	360 (388)
Northern pike	0.0199 (0.0214)	347 (332)
Smallmouth bass	0.0036 (0.0056)	63 (93)
<b>Yellow Perch</b>	<b>0.0100</b> (0.0131)	<b>174</b> (212)
Common white sucker	0.0025 (0.0047)	44 (80)
<b>TOTAL RELEASED</b>	<b>0.0568</b> (0.0427)	<b>988</b> (567)
<b>TOTAL CATCH</b>	<b>0.1661</b> (0.1052)	<b>2,892</b> (1,169)
<b>ANGLER HOURS</b>		17,411 (8,493)
<b>ANGLER TRIPS</b>		2,515 (1,282)

