

## Survey Report for Mitchell Cadillac, Wexford County, Summer, 2006

<b>Waterbody</b>	Lake Mitchell and Lake Cadillac
<b>Year</b>	Summer, 2006
<b>County</b>	Wexford County
<b>Sites</b>	Cadillac, Mitchell
<b>Survey period</b>	April 29 to October 31
<b>Survey design</b>	Roving-roving (roving counts and roving interviews)
<b>Interview type/mode</b>	roving/boat, shore
<b>Count type/mode</b>	progressive/boat and shore
<b>Clerk time</b>	full time
<b>Survey purpose</b>	Characterize general effort and catch aspects of the fishery

### Notes

Survey followed a roving-roving (roving counts and roving interviews) design. All funding was provided through Fisheries Division. One clerk worked full time to collect angling (interview and count) 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. Mitchell Cadillac was divided into 2 sections: Cadillac, Mitchell. Each section was sampled per day. Starting location within a section and direction of travel were randomized for both counting and interviewing. aerial, progressive counts of anglers were made once per day. Survey period for both counts and interviews was April 29 to October 31. Months were estimated separately. Estimates are given in Tables 2-10.

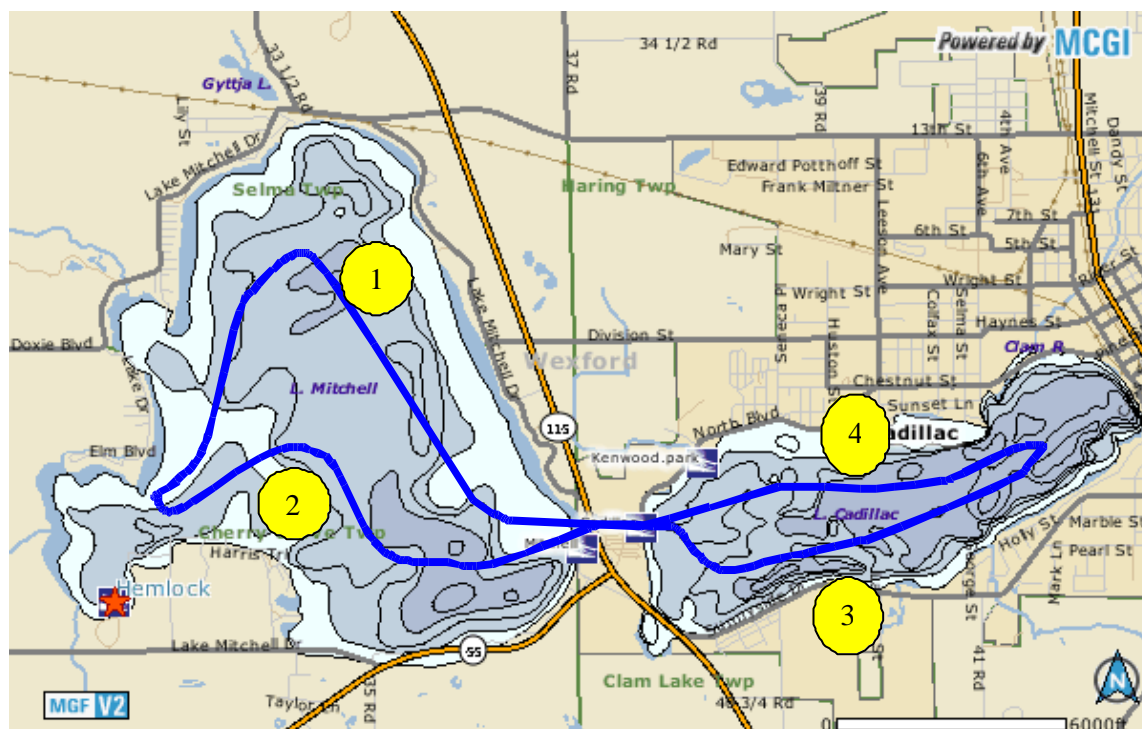


Table 1—Work shifts used to estimate catch and effort at Mitchell Cadillac, April 29 to October 31, Summer, 2006

	<b>Year</b>	<b>Month</b>	<b>F</b>
1	2006	4	14
2	2006	5	15
3	2006	6	16
4	2006	7	16
5	2006	8	16
6	2006	9	15
7	2006	10	14

Table 2—Estimated harvest, catch per hour, and fishing pressure for Lake Cadillac, boat. Two standard errors are given in parentheses.

Species	C/H	April-May	June	July	August	September	October	Season
<b>HARVEST</b>								
Walleye	0.0015 (0.0021)	39 (56)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	39 (56)
Northern pike	0.0117 (0.0083)	161 (167)	21 (43)	82 (119)	30 (59)	21 (32)	0 (0)	315 (220)
Largemouth bass	0.0043 (0.0063)	0 (0)	0 (0)	0 (0)	115 (170)	0 (0)	0 (0)	115 (170)
Yellow Perch	0.0357 (0.0278)	192 (385)	43 (86)	654 (615)	17 (25)	0 (0)	55 (93)	961 (737)
Bluegill	0.4990 (0.1647)	142 (244)	5,911 (2,940)	5,856 (2,595)	1,351 (1,233)	154 (191)	0 (0)	13,415 (4,123)
Pumpkinseed	0.0581 (0.0517)	0 (0)	530 (631)	343 (294)	653 (1,187)	36 (73)	0 (0)	1,562 (1,378)
Rock bass	0.0053 (0.0056)	0 (0)	67 (99)	6 (12)	52 (103)	18 (36)	0 (0)	143 (148)
Black crappie	0.6745 (0.2067)	2,702 (2,266)	11,263 (4,173)	1,487 (794)	1,474 (1,588)	1,144 (621)	60 (119)	18,132 (5,109)
Brown bullhead	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
<b>TOTAL HARVEST</b>	<b>1.2902 (0.2956)</b>	<b>3,236 (2,318)</b>	<b>17,836 (5,145)</b>	<b>8,429 (2,801)</b>	<b>3,692 (2,344)</b>	<b>1,375 (656)</b>	<b>115 (151)</b>	<b>34,684 (6,756)</b>
<b>RELEASED</b>								
Walleye	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
Northern pike	0.0454 (0.0176)	426 (293)	274 (179)	103 (147)	128 (171)	264 (177)	26 (36)	1,221 (449)
Largemouth bass	0.0409 (0.0224)	249 (238)	332 (241)	122 (203)	282 (427)	70 (54)	46 (57)	1,101 (587)
Smallmouth bass	0.0464 (0.0187)	137 (133)	306 (197)	187 (205)	237 (221)	223 (151)	158 (242)	1,248 (479)
Yellow Perch	0.1169 (0.0660)	275 (385)	949 (848)	1,227 (1,235)	658 (781)	34 (69)	0 (0)	3,144 (1,734)
Bluegill	0.9260 (0.3342)	113 (123)	11,107 (5,334)	10,112 (5,340)	3,133 (3,796)	424 (564)	6 (13)	24,895 (8,468)
Pumpkinseed	0.1595 (0.1555)	15 (23)	490 (591)	1,880 (1,777)	1,901 (3,700)	0 (0)	0 (0)	4,287 (4,147)
Rock bass	0.0146 (0.0108)	14 (29)	247 (251)	68 (102)	34 (69)	29 (57)	0 (0)	393 (287)
Black crappie	0.7556 (0.2658)	1,278 (1,212)	15,675 (6,128)	599 (489)	1,969 (2,299)	791 (717)	0 (0)	20,312 (6,713)
<b>TOTAL RELEASED</b>	<b>2.1054 (0.5052)</b>	<b>2,508 (1,339)</b>	<b>29,383 (8,202)</b>	<b>14,298 (5,792)</b>	<b>8,342 (5,853)</b>	<b>1,835 (947)</b>	<b>236 (252)</b>	<b>56,601 (11,740)</b>
<b>TOTAL CATCH</b>	<b>3.3956 (0.6493)</b>	<b>5,744 (2,677)</b>	<b>47,219 (9,682)</b>	<b>22,727 (6,434)</b>	<b>12,034 (6,305)</b>	<b>3,209 (1,152)</b>	<b>351 (293)</b>	<b>91,284 (13,545)</b>
<b>ANGLER HOURS</b>		<b>3,766 (1,662)</b>	<b>8,374 (1,685)</b>	<b>7,232 (1,634)</b>	<b>4,946 (1,295)</b>	<b>2,021 (518)</b>	<b>544 (541)</b>	<b>26,883 (3,242)</b>
<b>ANGLER TRIPS</b>		<b>729 (335)</b>	<b>3,011 (837)</b>	<b>2,644 (991)</b>	<b>1,193 (INF)</b>	<b>779 (273)</b>	<b>138 (141)</b>	<b>8,495 (INF)</b>

Table 3—Estimated harvest, catch per hour, and fishing pressure for Lake Cadillac, shore. Two standard errors are given in parentheses.

Species	C/H	April-May	June	July	August	September	October	Season
<b>HARVEST</b>								
Walleye	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
Northern pike	0.0008 (0.0016)	0 (0)	0 (0)	0 (0)	20 (41)	0 (0)	0 (0)	20 (41)
Largemouth bass	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
Yellow Perch	0.0721 (0.0511)	309 (391)	630 (1,142)	357 (349)	205 (245)	137 (274)	263 (232)	1,901 (1,329)
Bluegill	0.5317 (0.2286)	204 (241)	6,698 (4,969)	4,489 (2,604)	1,570 (935)	1,017 (1,183)	37 (52)	14,014 (5,814)
Pumpkinseed	0.0629 (0.0420)	12 (24)	114 (228)	584 (753)	810 (704)	137 (274)	0 (0)	1,657 (1,091)
Rock bass	0.0043 (0.0056)	58 (94)	57 (114)	0 (0)	0 (0)	0 (0)	0 (0)	114 (148)
Black crappie	0.4258 (0.1610)	938 (804)	3,237 (2,441)	1,388 (1,284)	4,342 (2,745)	1,133 (755)	185 (224)	11,223 (4,051)
Brown bullhead	0.0047 (0.0093)	0 (0)	0 (0)	123 (246)	0 (0)	0 (0)	0 (0)	123 (246)
<b>TOTAL HARVEST</b>	<b>1.1022 (0.3035)</b>	<b>1,520 (931)</b>	<b>10,735 (5,658)</b>	<b>6,941 (3,029)</b>	<b>6,947 (2,995)</b>	<b>2,424 (1,456)</b>	<b>486 (327)</b>	<b>29,053 (7,297)</b>
<b>RELEASED</b>								
Walleye	0.0010 (0.0020)	0 (0)	0 (0)	0 (0)	27 (53)	0 (0)	0 (0)	27 (53)
Northern pike	0.0165 (0.0190)	53 (92)	315 (481)	42 (83)	0 (0)	0 (0)	25 (39)	434 (498)
Largemouth bass	0.0458 (0.0316)	296 (315)	214 (255)	468 (655)	0 (0)	222 (284)	6 (12)	1,207 (821)
Smallmouth bass	0.1008 (0.0434)	154 (150)	174 (245)	473 (420)	1,747 (972)	95 (116)	12 (25)	2,656 (1,103)
Yellow Perch	0.1945 (0.0918)	278 (294)	1,829 (1,451)	1,516 (1,281)	609 (589)	44 (65)	851 (1,156)	5,126 (2,349)
Bluegill	1.3554 (0.5746)	630 (504)	13,928 (12,360)	13,356 (6,554)	6,450 (3,936)	1,329 (1,304)	37 (73)	35,729 (14,600)
Pumpkinseed	0.0250 (0.0213)	187 (364)	159 (246)	0 (0)	107 (156)	206 (305)	0 (0)	659 (557)
Rock bass	0.0409 (0.0427)	273 (388)	683 (1,022)	123 (246)	0 (0)	0 (0)	0 (0)	1,079 (1,120)
Black crappie	0.6482 (0.3096)	650 (866)	8,456 (6,526)	189 (332)	4,755 (3,954)	3,036 (1,950)	0 (0)	17,086 (7,930)
<b>TOTAL RELEASED</b>	<b>2.4281 (0.6969)</b>	<b>2,521 (1,226)</b>	<b>25,759 (14,104)</b>	<b>16,166 (6,736)</b>	<b>13,695 (5,696)</b>	<b>4,930 (2,387)</b>	<b>931 (1,159)</b>	<b>64,002 (16,890)</b>
<b>TOTAL CATCH</b>	<b>3.5302 (0.8037)</b>	<b>4,041 (1,540)</b>	<b>36,494 (15,197)</b>	<b>23,107 (7,386)</b>	<b>20,642 (6,435)</b>	<b>7,355 (2,796)</b>	<b>1,416 (1,204)</b>	<b>93,055 (18,399)</b>
<b>ANGLER HOURS</b>		<b>2,078 (645)</b>	<b>7,457 (2,019)</b>	<b>7,732 (1,411)</b>	<b>6,071 (1,371)</b>	<b>2,321 (657)</b>	<b>700 (233)</b>	<b>26,359 (2,974)</b>
<b>ANGLER TRIPS</b>		<b>978 (327)</b>	<b>3,509 (1,037)</b>	<b>3,639 (795)</b>	<b>2,753 (758)</b>	<b>1,124 (636)</b>	<b>329 (116)</b>	<b>12,332 (1,676)</b>

Table 4—Estimated harvest, catch per hour, and fishing pressure for Lake Mitchell, boat. Two standard errors are given in parentheses.

Species	C/H	April-May	June	July	August	September	October	Season
<b>HARVEST</b>								
Walleye	0.0023 (0.0033)	9 (19)	48 (81)	0 (0)	0 (0)	0 (0)	0 (0)	58 (83)
Northern pike	0.0204 (0.0125)	424 (286)	0 (0)	41 (83)	31 (62)	19 (26)	0 (0)	516 (305)
Largemouth bass	0.0054 (0.0075)	43 (86)	0 (0)	0 (0)	94 (168)	0 (0)	0 (0)	136 (188)
Yellow Perch	0.0038 (0.0045)	0 (0)	30 (60)	0 (0)	67 (95)	0 (0)	0 (0)	97 (112)
Bluegill	0.1968 (0.0860)	126 (185)	1,554 (897)	2,176 (1,554)	245 (254)	882 (909)	0 (0)	4,982 (2,036)
Pumpkinseed	0.1422 (0.0869)	11 (21)	754 (851)	79 (130)	2,615 (1,938)	140 (152)	0 (0)	3,599 (2,127)
Rock bass	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
Black crappie	0.0542 (0.0384)	465 (495)	444 (434)	339 (635)	125 (249)	0 (0)	0 (0)	1,372 (948)
Brown bullhead	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
<b>TOTAL HARVEST</b>	<b>0.4250 (0.1397)</b>	<b>1,078 (608)</b>	<b>2,829 (1,315)</b>	<b>2,635 (1,686)</b>	<b>3,176 (1,981)</b>	<b>1,041 (922)</b>	<b>0 (0)</b>	<b>10,759 (3,117)</b>
<b>RELEASED</b>								
Walleye	0.0066 (0.0131)	0 (0)	0 (0)	166 (331)	0 (0)	0 (0)	2 (3)	167 (331)
Northern pike	0.1019 (0.0417)	1,353 (854)	228 (170)	253 (248)	387 (304)	329 (203)	29 (26)	2,580 (977)
Largemouth bass	0.1722 (0.0615)	1,398 (780)	1,447 (970)	392 (418)	350 (324)	655 (345)	119 (131)	4,361 (1,402)
Smallmouth bass	0.0538 (0.0251)	440 (253)	368 (393)	96 (134)	295 (302)	146 (175)	15 (16)	1,361 (599)
Yellow Perch	0.0720 (0.0453)	106 (130)	176 (197)	0 (0)	825 (666)	715 (859)	2 (4)	1,823 (1,112)
Bluegill	0.5944 (0.2582)	407 (604)	4,173 (3,692)	5,252 (3,886)	3,807 (2,657)	1,410 (1,050)	0 (0)	15,049 (6,104)
Pumpkinseed	0.1791 (0.1373)	99 (129)	78 (108)	926 (1,118)	3,320 (3,209)	112 (126)	0 (0)	4,535 (3,405)
Rock bass	0.0114 (0.0111)	113 (117)	139 (241)	0 (0)	37 (74)	0 (0)	0 (0)	288 (278)
Black crappie	0.0698 (0.0891)	737 (1,178)	79 (112)	950 (1,901)	0 (0)	0 (0)	0 (0)	1,767 (2,239)
<b>TOTAL RELEASED</b>	<b>1.2612 (0.3602)</b>	<b>4,652 (1,789)</b>	<b>6,688 (3,857)</b>	<b>8,034 (4,509)</b>	<b>9,021 (4,254)</b>	<b>3,368 (1,430)</b>	<b>167 (134)</b>	<b>31,931 (7,653)</b>
<b>TOTAL CATCH</b>	<b>1.6862 (0.4185)</b>	<b>5,731 (1,889)</b>	<b>9,517 (4,075)</b>	<b>10,669 (4,814)</b>	<b>12,197 (4,692)</b>	<b>4,409 (1,702)</b>	<b>167 (134)</b>	<b>42,690 (8,263)</b>
<b>ANGLER HOURS</b>		<b>7,717 (3,229)</b>	<b>5,383 (1,218)</b>	<b>4,528 (1,122)</b>	<b>4,467 (1,208)</b>	<b>2,844 (885)</b>	<b>378 (253)</b>	<b>25,317 (3,934)</b>
<b>ANGLER TRIPS</b>		<b>2,098 (1,169)</b>	<b>1,452 (585)</b>	<b>1,485 (572)</b>	<b>956 (459)</b>	<b>478 (210)</b>	<b>71 (53)</b>	<b>6,539 (1,514)</b>

Table 5—Estimated harvest, catch per hour, and fishing pressure for Lake Mitchell, shore. Two standard errors are given in parentheses.

Species	C/H	April-May	June	July	August	September	October	Season
<b>HARVEST</b>								
Walleye	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
Northern pike	0.0037 (0.0074)	27 (54)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	27 (54)
Largemouth bass	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
Yellow Perch	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
Bluegill	0.1714 (0.2504)	0 (0)	414 (705)	839 (1,678)	0 (0)	0 (0)	0 (0)	1,253 (1,820)
Pumpkinseed	0.0347 NAN	0 (0)	0 (0)	0 (0)	253 NAN	0 (0)	0 (0)	253 NAN
Rock bass	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
Black crappie	0.0189 (0.0380)	0 (0)	138 (277)	0 (0)	0 (0)	0 (0)	0 (0)	138 (277)
Brown bullhead	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
<b>TOTAL HARVEST</b>	0.2287 NAN	27 (54)	552 (758)	839 (1,678)	253 NAN	0 (0)	0 (0)	1,672 NAN
<b>RELEASED</b>								
Walleye	0.0189 (0.0380)	0 (0)	138 (277)	0 (0)	0 (0)	0 (0)	0 (0)	138 (277)
Northern pike	0.0095 (0.0190)	0 (0)	69 (138)	0 (0)	0 (0)	0 (0)	0 (0)	69 (138)
Largemouth bass	0.0413 NAN	27 (54)	138 (277)	0 (0)	0 (0)	136 NAN	0 (0)	302 NAN
Smallmouth bass	0.0788 (0.0873)	71 (98)	113 (164)	280 (559)	0 (0)	112 (225)	0 (0)	576 (632)
Yellow Perch	0.1242 NAN	35 (71)	0 (0)	0 (0)	760 NAN	112 (225)	0 (0)	908 NAN
Bluegill	0.6761 NAN	35 (71)	1,725 (1,082)	2,797 (3,381)	0 (0)	385 NAN	0 (0)	4,942 NAN
Pumpkinseed	0.0116 (0.0233)	0 (0)	85 (170)	0 (0)	0 (0)	0 (0)	0 (0)	85 (170)
Rock bass	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
Black crappie	0.3381 (0.2518)	0 (0)	2,471 (1,802)	0 (0)	0 (0)	0 (0)	0 (0)	2,471 (1,802)
<b>TOTAL RELEASED</b>	1.2984 NAN	169 (150)	4,740 (2,155)	3,077 (3,427)	760 NAN	746 NAN	0 (0)	9,492 NAN
<b>TOTAL CATCH</b>	1.5271 NAN	196 (159)	5,293 (2,284)	3,916 (3,816)	1,014 NAN	746 NAN	0 (0)	11,164 NAN
<b>ANGLER HOURS</b>		451 (209)	1,858 (479)	2,053 (593)	2,090 (643)	746 (435)	112 (79)	7,310 (1,111)
<b>ANGLER TRIPS</b>		100 (51)	411 (145)	454 (167)	462 (179)	165 (103)	25 (19)	1,615 (308)

Table 6—Estimated harvest, catch per hour, and fishing pressure for Lake Cadillac. Two standard errors are given in parentheses.

Species	C/H	April-May	June	July	August	September	October	Season
<b>HARVEST</b>								
Walleye	0.0007 (0.0011)	39 (56)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	39 (56)
Northern pike	0.0063 (0.0042)	161 (167)	21 (43)	82 (119)	50 (72)	21 (32)	0 (0)	336 (224)
Largemouth bass	0.0022 (0.0032)	0 (0)	0 (0)	0 (0)	115 (170)	0 (0)	0 (0)	115 (170)
Yellow Perch	0.0537 (0.0289)	501 (549)	673 (1,145)	1,011 (707)	222 (246)	137 (274)	318 (250)	2,862 (1,520)
Bluegill	0.5152 (0.1405)	345 (343)	12,609 (5,773)	10,345 (3,676)	2,921 (1,547)	1,172 (1,198)	37 (52)	27,429 (7,127)
Pumpkinseed	0.0605 (0.0334)	12 (24)	644 (671)	927 (808)	1,463 (1,380)	173 (284)	0 (0)	3,219 (1,758)
Rock bass	0.0048 (0.0040)	58 (94)	124 (151)	6 (12)	52 (103)	18 (36)	0 (0)	258 (209)
Black crappie	0.5513 (0.1307)	3,640 (2,404)	14,500 (4,834)	2,876 (1,510)	5,816 (3,172)	2,277 (978)	246 (253)	29,355 (6,520)
Brown bullhead	0.0023 (0.0046)	0 (0)	0 (0)	123 (246)	0 (0)	0 (0)	0 (0)	123 (246)
<b>TOTAL HARVEST</b>	<b>1.1971 (0.2114)</b>	<b>4,756 (2,498)</b>	<b>28,571 (7,648)</b>	<b>15,370 (4,126)</b>	<b>10,639 (3,803)</b>	<b>3,799 (1,597)</b>	<b>601 (360)</b>	<b>63,737 (9,944)</b>
<b>RELEASED</b>								
Walleye	0.0005 (0.0010)	0 (0)	0 (0)	0 (0)	27 (53)	0 (0)	0 (0)	27 (53)
Northern pike	0.0311 (0.0129)	479 (307)	589 (513)	144 (169)	128 (171)	264 (177)	50 (53)	1,655 (671)
Largemouth bass	0.0433 (0.0193)	545 (395)	547 (351)	590 (686)	282 (427)	292 (289)	52 (58)	2,308 (1,009)
Smallmouth bass	0.0733 (0.0234)	291 (201)	481 (314)	659 (468)	1,984 (997)	318 (191)	171 (243)	3,904 (1,203)
Yellow Perch	0.1553 (0.0563)	554 (484)	2,778 (1,681)	2,743 (1,779)	1,267 (979)	78 (94)	851 (1,156)	8,270 (2,920)
Bluegill	1.1386 (0.3307)	743 (519)	25,035 (13,462)	23,468 (8,454)	9,583 (5,468)	1,752 (1,421)	43 (74)	60,624 (16,879)
Pumpkinseed	0.0929 (0.0790)	202 (364)	649 (641)	1,880 (1,777)	2,009 (3,703)	206 (305)	0 (0)	4,946 (4,184)
Rock bass	0.0276 (0.0218)	287 (389)	930 (1,052)	191 (266)	34 (69)	29 (57)	0 (0)	1,472 (1,156)
Black crappie	0.7024 (0.2036)	1,928 (1,490)	24,132 (8,952)	788 (591)	6,724 (4,573)	3,826 (2,078)	0 (0)	37,399 (10,390)
<b>TOTAL RELEASED</b>	<b>2.2652 (0.4293)</b>	<b>5,029 (1,816)</b>	<b>55,141 (16,315)</b>	<b>30,464 (8,884)</b>	<b>22,037 (8,167)</b>	<b>6,765 (2,568)</b>	<b>1,167 (1,186)</b>	<b>120,603 (20,570)</b>
<b>TOTAL CATCH</b>	<b>3.4623 (0.5158)</b>	<b>9,785 (3,088)</b>	<b>83,713 (18,019)</b>	<b>45,834 (9,796)</b>	<b>32,676 (9,009)</b>	<b>10,564 (3,024)</b>	<b>1,768 (1,240)</b>	<b>184,339 (22,848)</b>
<b>ANGLER HOURS</b>		<b>5,844 (1,783)</b>	<b>15,831 (2,629)</b>	<b>14,964 (2,159)</b>	<b>11,018 (1,886)</b>	<b>4,342 (836)</b>	<b>1,244 (589)</b>	<b>53,243 (4,400)</b>
<b>ANGLER TRIPS</b>		<b>1,707 (468)</b>	<b>6,521 (1,332)</b>	<b>6,283 (1,271)</b>	<b>3,946 (INF)</b>	<b>1,904 (692)</b>	<b>467 (182)</b>	<b>20,827 (INF)</b>

Table 7—Estimated harvest, catch per hour, and fishing pressure for Lake Mitchell. Two standard errors are given in parentheses.

Species	C/H	April-May	June	July	August	September	October	Season
<b>HARVEST</b>								
Walleye	0.0018 (0.0026)	9 (19)	48 (81)	0 (0)	0 (0)	0 (0)	0 (0)	58 (83)
Northern pike	0.0166 (0.0097)	451 (291)	0 (0)	41 (83)	31 (62)	19 (26)	0 (0)	543 (310)
Largemouth bass	0.0042 (0.0058)	43 (86)	0 (0)	0 (0)	94 (168)	0 (0)	0 (0)	136 (188)
Yellow Perch	0.0030 (0.0034)	0 (0)	30 (60)	0 (0)	67 (95)	0 (0)	0 (0)	97 (112)
Bluegill	0.1911 (0.0871)	126 (185)	1,968 (1,141)	3,015 (2,287)	245 (254)	882 (909)	0 (0)	6,235 (2,731)
Pumpkinseed	0.1181 NAN	11 (21)	754 (851)	79 (130)	2,869 NAN	140 (152)	0 (0)	3,852 NAN
Rock bass	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
Black crappie	0.0463 (0.0308)	465 (495)	582 (515)	339 (635)	125 (249)	0 (0)	0 (0)	1,511 (988)
Brown bullhead	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
<b>TOTAL HARVEST</b>	0.3810 NAN	1,105 (610)	3,382 (1,517)	3,474 (2,379)	3,429 NAN	1,041 (922)	0 (0)	12,431 NAN
<b>RELEASED</b>								
Walleye	0.0094 (0.0133)	0 (0)	138 (277)	166 (331)	0 (0)	0 (0)	2 (3)	306 (432)
Northern pike	0.0812 (0.0319)	1,353 (854)	297 (219)	253 (248)	387 (304)	329 (203)	29 (26)	2,649 (986)
Largemouth bass	0.1429 NAN	1,425 (782)	1,585 (1,009)	392 (418)	350 (324)	791 NAN	119 (131)	4,662 NAN
Smallmouth bass	0.0594 (0.0277)	511 (271)	481 (426)	375 (575)	295 (302)	259 (285)	15 (16)	1,937 (871)
Yellow Perch	0.0837 NAN	141 (148)	176 (197)	0 (0)	1,585 NAN	827 (888)	2 (4)	2,731 NAN
Bluegill	0.6127 NAN	442 (608)	5,898 (3,847)	8,049 (5,151)	3,807 (2,657)	1,795 NAN	0 (0)	19,991 NAN
Pumpkinseed	0.1416 (0.1060)	99 (129)	163 (202)	926 (1,118)	3,320 (3,209)	112 (126)	0 (0)	4,620 (3,409)
Rock bass	0.0088 (0.0086)	113 (117)	139 (241)	0 (0)	37 (74)	0 (0)	0 (0)	288 (278)
Black crappie	0.1299 (0.0896)	737 (1,178)	2,551 (1,805)	950 (1,901)	0 (0)	0 (0)	0 (0)	4,238 (2,874)
<b>TOTAL RELEASED</b>	1.2696 NAN	4,821 (1,795)	11,428 (4,418)	11,111 (5,663)	9,782 NAN	4,114 NAN	167 (134)	41,422 NAN
<b>TOTAL CATCH</b>	1.6506 NAN	5,926 (1,896)	14,810 (4,671)	14,585 (6,143)	13,211 NAN	5,155 NAN	167 (134)	53,854 NAN
<b>ANGLER HOURS</b>		8,167 (3,235)	7,241 (1,309)	6,582 (1,270)	6,558 (1,369)	3,590 (986)	490 (265)	32,627 (4,088)
<b>ANGLER TRIPS</b>		2,198 (1,170)	1,862 (603)	1,938 (595)	1,417 (493)	642 (234)	96 (56)	8,154 (1,545)



Table 8—Estimated harvest, catch per hour, and fishing pressure for boat. Two standard errors are given in parentheses.

Species	C/H	April-May	June	July	August	September	October	Season
<b>HARVEST</b>								
Walleye	0.0019 (0.0019)	49 (59)	48 (81)	0 (0)	0 (0)	0 (0)	0 (0)	97 (100)
Northern pike	0.0159 (0.0074)	585 (331)	21 (43)	124 (145)	61 (86)	40 (41)	0 (0)	831 (377)
Largemouth bass	0.0048 (0.0049)	43 (86)	0 (0)	0 (0)	209 (238)	0 (0)	0 (0)	252 (253)
Yellow Perch	0.0203 (0.0144)	192 (385)	73 (104)	654 (615)	84 (98)	0 (0)	55 (93)	1,058 (745)
Bluegill	0.3524 (0.0946)	268 (306)	7,465 (3,074)	8,032 (3,025)	1,596 (1,259)	1,036 (929)	0 (0)	18,396 (4,598)
Pumpkinseed	0.0989 (0.0495)	11 (21)	1,284 (1,060)	422 (322)	3,268 (2,273)	176 (169)	0 (0)	5,161 (2,534)
Rock bass	0.0027 (0.0029)	0 (0)	67 (99)	6 (12)	52 (103)	18 (36)	0 (0)	143 (148)
Black crappie	0.3736 (0.1060)	3,167 (2,319)	11,707 (4,195)	1,826 (1,017)	1,599 (1,608)	1,144 (621)	60 (119)	19,504 (5,196)
Brown bullhead	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
<b>TOTAL HARVEST</b>	<b>0.8705 (0.1660)</b>	<b>4,315 (2,396)</b>	<b>20,665 (5,311)</b>	<b>11,064 (3,269)</b>	<b>6,868 (3,069)</b>	<b>2,415 (1,131)</b>	<b>115 (151)</b>	<b>45,443 (7,440)</b>
<b>RELEASED</b>								
Walleye	0.0032 (0.0064)	0 (0)	0 (0)	166 (331)	0 (0)	0 (0)	2 (3)	167 (331)
Northern pike	0.0728 (0.0218)	1,780 (903)	502 (246)	356 (288)	515 (349)	593 (269)	55 (44)	3,801 (1,075)
Largemouth bass	0.1046 (0.0309)	1,646 (816)	1,779 (999)	513 (465)	632 (536)	726 (349)	165 (143)	5,461 (1,520)
Smallmouth bass	0.0500 (0.0155)	577 (286)	675 (440)	282 (245)	532 (374)	370 (231)	173 (243)	2,609 (767)
Yellow Perch	0.0951 (0.0405)	381 (406)	1,125 (871)	1,227 (1,235)	1,483 (1,027)	749 (861)	2 (4)	4,967 (2,060)
Bluegill	0.7652 (0.2135)	520 (616)	15,280 (6,487)	15,363 (6,604)	6,940 (4,633)	1,834 (1,192)	6 (13)	39,944 (10,439)
Pumpkinseed	0.1690 (0.1041)	114 (132)	568 (601)	2,806 (2,099)	5,221 (4,898)	112 (126)	0 (0)	8,822 (5,366)
Rock bass	0.0131 (0.0078)	127 (120)	386 (348)	68 (102)	72 (101)	29 (57)	0 (0)	681 (400)
Black crappie	0.4230 (0.1417)	2,015 (1,690)	15,755 (6,129)	1,550 (1,963)	1,969 (2,299)	791 (717)	0 (0)	22,079 (7,076)
<b>TOTAL RELEASED</b>	<b>1.6960 (0.3154)</b>	<b>7,160 (2,235)</b>	<b>36,070 (9,063)</b>	<b>22,332 (7,340)</b>	<b>17,363 (7,236)</b>	<b>5,203 (1,715)</b>	<b>403 (285)</b>	<b>88,531 (14,014)</b>
<b>TOTAL CATCH</b>	<b>2.5665 (0.3940)</b>	<b>11,475 (3,277)</b>	<b>56,735 (10,505)</b>	<b>33,397 (8,036)</b>	<b>24,231 (7,860)</b>	<b>7,618 (2,055)</b>	<b>518 (323)</b>	<b>133,974 (15,867)</b>
<b>ANGLER HOURS</b>		<b>11,483 (3,631)</b>	<b>13,757 (2,079)</b>	<b>11,760 (1,982)</b>	<b>9,414 (1,771)</b>	<b>4,865 (1,025)</b>	<b>921 (597)</b>	<b>52,200 (5,098)</b>
<b>ANGLER TRIPS</b>		<b>2,827 (1,216)</b>	<b>4,463 (1,021)</b>	<b>4,129 (1,144)</b>	<b>2,149 (INF)</b>	<b>1,257 (344)</b>	<b>209 (150)</b>	<b>15,033 (INF)</b>

Table 9—Estimated harvest, catch per hour, and fishing pressure for shore. Two standard errors are given in parentheses.

Species	C/H	April-May	June	July	August	September	October	Season
<b>HARVEST</b>								
Walleye	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
Northern pike	0.0014 (0.0020)	27 (54)	0 (0)	0 (0)	20 (41)	0 (0)	0 (0)	48 (68)
Largemouth bass	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
Yellow Perch	0.0564 (0.0398)	309 (391)	630 (1,142)	357 (349)	205 (245)	137 (274)	263 (232)	1,901 (1,329)
Bluegill	0.4535 (0.1859)	204 (241)	7,112 (5,019)	5,328 (3,098)	1,570 (935)	1,017 (1,183)	37 (52)	15,268 (6,092)
Pumpkinseed	0.0567 NAN	12 (24)	114 (228)	584 (753)	1,064 NAN	137 (274)	0 (0)	1,910 NAN
Rock bass	0.0034 (0.0044)	58 (94)	57 (114)	0 (0)	0 (0)	0 (0)	0 (0)	114 (148)
Black crappie	0.3374 (0.1247)	938 (804)	3,376 (2,457)	1,388 (1,284)	4,342 (2,745)	1,133 (755)	185 (224)	11,362 (4,060)
Brown bullhead	0.0037 (0.0073)	0 (0)	0 (0)	123 (246)	0 (0)	0 (0)	0 (0)	123 (246)
TOTAL HARVEST	0.9125 NAN	1,547 (933)	11,288 (5,709)	7,780 (3,463)	7,200 NAN	2,424 (1,456)	486 (327)	30,725 NAN
<b>RELEASED</b>								
Walleye	0.0049 (0.0084)	0 (0)	138 (277)	0 (0)	27 (53)	0 (0)	0 (0)	165 (282)
Northern pike	0.0149 (0.0154)	53 (92)	384 (501)	42 (83)	0 (0)	0 (0)	25 (39)	503 (517)
Largemouth bass	0.0448 NAN	323 (320)	353 (376)	468 (655)	0 (0)	358 NAN	6 (12)	1,508 NAN
Smallmouth bass	0.0960 (0.0388)	225 (179)	287 (294)	752 (700)	1,747 (972)	208 (253)	12 (25)	3,232 (1,272)
Yellow Perch	0.1792 NAN	314 (302)	1,829 (1,451)	1,516 (1,281)	1,369 NAN	156 (234)	851 (1,156)	6,034 NAN
Bluegill	1.2079 NAN	665 (509)	15,653 (12,407)	16,153 (7,375)	6,450 (3,936)	1,713 NAN	37 (73)	40,671 NAN
Pumpkinseed	0.0221 (0.0174)	187 (364)	244 (299)	0 (0)	107 (156)	206 (305)	0 (0)	744 (582)
Rock bass	0.0320 (0.0334)	273 (388)	683 (1,022)	123 (246)	0 (0)	0 (0)	0 (0)	1,079 (1,120)
Black crappie	0.5809 (0.2477)	650 (866)	10,928 (6,770)	189 (332)	4,755 (3,954)	3,036 (1,950)	0 (0)	19,558 (8,132)
TOTAL RELEASED	2.1828 NAN	2,690 (1,235)	30,499 (14,268)	19,243 (7,558)	14,455 NAN	5,676 NAN	931 (1,159)	73,494 NAN
TOTAL CATCH	3.0953 NAN	4,237 (1,548)	41,787 (15,367)	27,023 (8,313)	21,656 NAN	8,100 NAN	1,416 (1,204)	104,219 NAN
ANGLER HOURS		2,529 (678)	9,315 (2,075)	9,786 (1,531)	8,162 (1,514)	3,067 (788)	812 (246)	33,670 (3,175)
ANGLER TRIPS		1,077 (331)	3,920 (1,047)	4,092 (813)	3,215 (779)	1,289 (645)	354 (118)	13,947 (1,704)

Table 10—Estimated harvest, catch per hour, and fishing pressure for Lake Mitchell and Lake Cadillac, all fishing modes combined. Two standard errors are given in parentheses.

Species	C/H	April-May	June	July	August	September	October	Season
<b>HARVEST</b>								
Walleye	0.0011 (0.0012)	49 (59)	48 (81)	0 (0)	0 (0)	0 (0)	0 (0)	97 (100)
Northern pike	0.0102 (0.0045)	612 (336)	21 (43)	124 (145)	81 (95)	40 (41)	0 (0)	879 (383)
Largemouth bass	0.0029 (0.0030)	43 (86)	0 (0)	0 (0)	209 (238)	0 (0)	0 (0)	252 (253)
Yellow Perch	0.0345 (0.0179)	501 (549)	702 (1,146)	1,011 (707)	289 (264)	137 (274)	318 (250)	2,958 (1,524)
Bluegill	0.3920 (0.0930)	471 (390)	14,576 (5,885)	13,360 (4,330)	3,165 (1,568)	2,054 (1,504)	37 (52)	33,664 (7,633)
Pumpkinseed	0.0824 NAN	23 (32)	1,398 (1,084)	1,006 (819)	4,332 NAN	313 (322)	0 (0)	7,072 NAN
Rock bass	0.0030 (0.0024)	58 (94)	124 (151)	6 (12)	52 (103)	18 (36)	0 (0)	258 (209)
Black crappie	0.3594 (0.0808)	4,105 (2,455)	15,083 (4,862)	3,215 (1,638)	5,941 (3,181)	2,277 (978)	246 (253)	30,866 (6,594)
Brown bullhead	0.0014 (0.0029)	0 (0)	0 (0)	123 (246)	0 (0)	0 (0)	0 (0)	123 (246)
TOTAL HARVEST	0.8870 NAN	5,862 (2,571)	31,953 (7,797)	18,844 (4,763)	14,069 NAN	4,839 (1,844)	601 (360)	76,168 NAN
<b>RELEASED</b>								
Walleye	0.0039 (0.0051)	0 (0)	138 (277)	166 (331)	27 (53)	0 (0)	2 (3)	332 (435)
Northern pike	0.0501 (0.0143)	1,832 (907)	886 (558)	398 (300)	515 (349)	593 (269)	79 (59)	4,304 (1,193)
Largemouth bass	0.0812 NAN	1,970 (876)	2,132 (1,068)	982 (803)	632 (536)	1,084 NAN	172 (143)	6,970 NAN
Smallmouth bass	0.0680 (0.0179)	802 (337)	962 (529)	1,035 (742)	2,279 (1,041)	577 (343)	185 (244)	5,841 (1,485)
Yellow Perch	0.1281 NAN	695 (506)	2,953 (1,692)	2,743 (1,779)	2,852 NAN	905 (893)	853 (1,156)	11,001 NAN
Bluegill	0.9388 NAN	1,185 (799)	30,933 (14,001)	31,516 (9,900)	13,390 (6,080)	3,547 NAN	43 (74)	80,615 NAN
Pumpkinseed	0.1114 (0.0633)	301 (387)	813 (672)	2,806 (2,099)	5,329 (4,900)	318 (330)	0 (0)	9,566 (5,397)
Rock bass	0.0205 (0.0139)	400 (406)	1,069 (1,079)	191 (266)	72 (101)	29 (57)	0 (0)	1,760 (1,189)
Black crappie	0.4849 (0.1300)	2,665 (1,899)	26,682 (9,133)	1,739 (1,991)	6,724 (4,573)	3,826 (2,078)	0 (0)	41,637 (10,780)
TOTAL RELEASED	1.8869 NAN	9,850 (2,553)	66,569 (16,903)	41,575 (10,536)	31,818 NAN	10,879 NAN	1,333 (1,194)	162,025 NAN
TOTAL CATCH	2.7739 NAN	15,712 (3,624)	98,522 (18,615)	60,420 (11,562)	45,887 NAN	15,719 NAN	1,934 (1,247)	238,193 NAN
ANGLER HOURS		14,011 (3,694)	23,072 (2,937)	21,546 (2,505)	17,575 (2,330)	7,932 (1,293)	1,733 (646)	85,870 (6,006)
ANGLER TRIPS		3,904 (1,260)	8,383 (1,462)	8,221 (1,403)	5,363 (INF)	2,546 (731)	563 (191)	28,981 (INF)