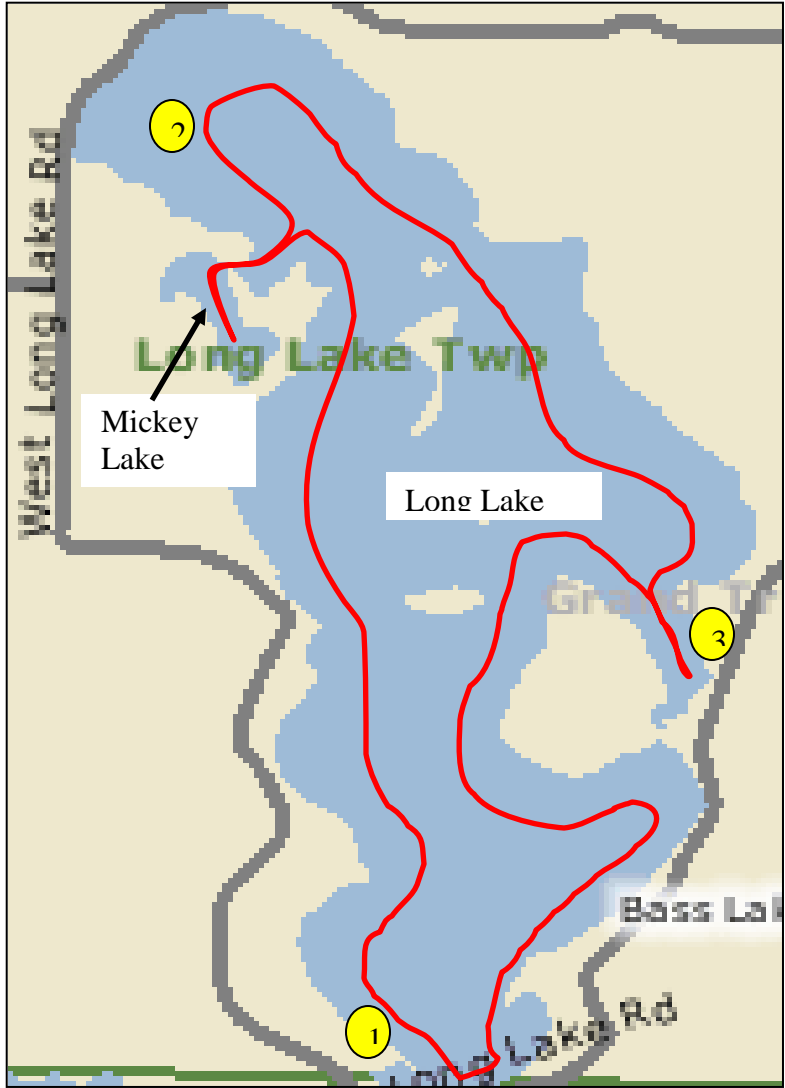


## Survey Report for LONG LAKE AND Mickey Lake, , Summer, 2007

<b>Waterbody</b>	LONG LAKE AND Mickey Lake
<b>Year</b>	Summer, 2007
<b>County</b>	
<b>Sites</b>	"Long Lake", "Mickey Lake"
<b>Survey period</b>	April 27 to September 30
<b>Survey design</b>	Roving-access (roving counts and access interviews)
<b>Interview type/mode</b>	roving/boat, shore
<b>Count type/mode</b>	aerial, 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-access (roving counts and access 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. LONG LAKE AND Mickey Lake was divided into 2 sections: "Long Lake", "Mickey Lake". 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 27 to September 30. Months were estimated separately. Estimates are given in Tables xxx.



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

Species	C/H	April-May	June	July	August	September	Season
<b>HARVEST</b>							
Walleye	0.1371 (0.0420)	460 (297)	1,371 (549)	1,065 (595)	942 (494)	628 (433)	4,466 (1,084)
Northern pike	0.0037 (0.0045)	0 (0)	20 (39)	85 (136)	0 (0)	16 (32)	120 (145)
Largemouth bass	0.0006 (0.0012)	0 (0)	0 (0)	0 (0)	0 (0)	19 (39)	19 (39)
Smallmouth bass	0.0035 (0.0034)	0 (0)	26 (40)	24 (47)	42 (76)	21 (43)	113 (107)
Yellow Perch	0.1735 (0.1094)	203 (185)	404 (328)	2,043 (3,071)	2,034 (1,286)	965 (596)	5,649 (3,403)
Bluegill	0.0193 (0.0216)	0 (0)	30 (39)	21 (42)	553 (692)	24 (36)	628 (695)
Rock bass	0.0021 (0.0028)	0 (0)	36 (64)	0 (0)	0 (0)	32 (64)	68 (91)
<b>TOTAL HARVEST</b>	<b>0.3398 (0.1287)</b>	<b>663 (350)</b>	<b>1,886 (647)</b>	<b>3,237 (3,132)</b>	<b>3,571 (1,543)</b>	<b>1,707 (743)</b>	<b>11,064 (3,645)</b>
<b>RELEASED</b>							
Walleye	0.2298 (0.0784)	674 (488)	1,217 (600)	2,816 (1,636)	1,515 (781)	1,259 (820)	7,481 (2,135)
Northern pike	0.0026 (0.0028)	11 (13)	11 (22)	56 (84)	6 (11)	0 (0)	84 (89)
Largemouth bass	0.0200 (0.0150)	3 (6)	203 (255)	101 (148)	214 (347)	129 (133)	651 (474)
Smallmouth bass	0.0785 (0.0284)	744 (491)	678 (379)	406 (340)	373 (235)	355 (267)	2,557 (792)
Yellow Perch	0.1856 (0.1111)	301 (398)	266 (239)	893 (1,240)	3,592 (3,112)	993 (614)	6,045 (3,437)
Bluegill	0.0375 (0.0349)	25 (49)	177 (305)	277 (510)	742 (940)	0 (0)	1,220 (1,114)
Rock bass	0.0051 (0.0043)	41 (82)	68 (77)	0 (0)	0 (0)	55 (79)	164 (137)
<b>TOTAL RELEASED</b>	<b>0.5590 (0.1684)</b>	<b>1,800 (804)</b>	<b>2,621 (852)</b>	<b>4,549 (2,149)</b>	<b>6,441 (3,369)</b>	<b>2,792 (1,070)</b>	<b>18,204 (4,300)</b>
<b>TOTAL CATCH</b>	<b>0.8988 (0.2413)</b>	<b>2,463 (877)</b>	<b>4,507 (1,069)</b>	<b>7,786 (3,798)</b>	<b>10,012 (3,706)</b>	<b>4,499 (1,303)</b>	<b>29,268 (5,636)</b>
<b>ANGLER HOURS</b>		<b>4,602 (1,856)</b>	<b>7,201 (2,279)</b>	<b>10,002 (4,323)</b>	<b>6,320 (2,604)</b>	<b>4,437 (1,727)</b>	<b>32,562 (6,090)</b>
<b>ANGLER TRIPS</b>		<b>1,230 (569)</b>	<b>1,691 (672)</b>	<b>2,491 (1,123)</b>	<b>1,736 (799)</b>	<b>1,014 (430)</b>	<b>8,163 (1,691)</b>

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

Species	C/H	April-May	June	July	August	September	Season
<b>HARVEST</b>							
Walleye	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
Northern pike	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
Largemouth bass	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
Smallmouth bass	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)
Bluegill	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
Rock bass	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
<b>TOTAL HARVEST</b>	<b>0 (0)</b>	<b>0 (0)</b>	<b>0 (0)</b>	<b>0 (0)</b>	<b>0 (0)</b>	<b>0 (0)</b>	<b>0 (0)</b>
<b>RELEASED</b>							
Walleye	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
Northern pike	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
Largemouth bass	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
Smallmouth bass	0.3333 (0.2139)	0 (0)	0 (0)	231 NAN	0 (0)	0 (0)	231 (0)
Yellow Perch	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
Bluegill	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
Rock bass	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
<b>TOTAL RELEASED</b>	<b>0.3333 (0.2139)</b>	<b>0 (0)</b>	<b>0 (0)</b>	<b>231 NAN</b>	<b>0 (0)</b>	<b>0 (0)</b>	<b>231 (0)</b>
<b>TOTAL CATCH</b>	<b>0.3333 (0.2139)</b>	<b>0 (0)</b>	<b>0 (0)</b>	<b>231 NAN</b>	<b>0 (0)</b>	<b>0 (0)</b>	<b>231 (0)</b>
<b>ANGLER HOURS</b>		<b>0 (0)</b>	<b>0 (0)</b>	<b>693 (445)</b>	<b>0 (0)</b>	<b>0 (0)</b>	<b>693 (445)</b>
<b>ANGLER TRIPS</b>		<b>0 (0)</b>	<b>0 (0)</b>	<b>170 (110)</b>	<b>0 (0)</b>	<b>0 (0)</b>	<b>170 (110)</b>

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

Species	C/H	April-May	June	July	August	September	Season
<b>HARVEST</b>							
Walleye	0.0503 (0.0675)	20 (35)	0 (0)	176 (255)	0 (0)	0 (0)	197 (258)
Northern pike	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
Largemouth bass	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
Smallmouth bass	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
Yellow Perch	0.0767 (0.1179)	0 (0)	35 (69)	0 (0)	265 (447)	0 (0)	300 (453)
Bluegill	0.5580 (0.4180)	136 (154)	115 (128)	794 (1,277)	925 (770)	211 NAN	2,181 (1,505)
Rock bass	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
<b>TOTAL HARVEST</b>	<b>0.6851 (0.4537)</b>	<b>157 (158)</b>	<b>149 (146)</b>	<b>970 (1,302)</b>	<b>1,191 (891)</b>	<b>211 NAN</b>	<b>2,678 (1,592)</b>
<b>RELEASED</b>							
Walleye	0.0193 (0.0366)	0 (0)	5 (10)	71 (141)	0 (0)	0 (0)	76 (141)
Northern pike	0.0011 (0.0023)	0 (0)	4 (9)	0 (0)	0 (0)	0 (0)	4 (9)
Largemouth bass	0.2485 (0.2248)	0 (0)	453 (558)	476 (611)	42 (85)	0 (0)	971 (832)
Smallmouth bass	0.2183 (0.2117)	82 (124)	137 (159)	335 (554)	299 (525)	0 (0)	853 (789)
Yellow Perch	0.0454 (0.0736)	0 (0)	0 (0)	135 (270)	42 (85)	0 (0)	177 (283)
Bluegill	0.5576 (0.3257)	683 (754)	699 (712)	135 (270)	240 (259)	422 NAN	2,180 (1,103)
Rock bass	0.0223 (0.0276)	0 (0)	43 (87)	0 (0)	44 (59)	0 (0)	87 (105)
<b>TOTAL RELEASED</b>	<b>1.1126 (0.5275)</b>	<b>765 (764)</b>	<b>1,341 (923)</b>	<b>1,152 (920)</b>	<b>668 (601)</b>	<b>422 NAN</b>	<b>4,349 (1,626)</b>
<b>TOTAL CATCH</b>	<b>1.7977 (0.7834)</b>	<b>922 (781)</b>	<b>1,490 (934)</b>	<b>2,122 (1,595)</b>	<b>1,859 (1,074)</b>	<b>634 NAN</b>	<b>7,027 (2,276)</b>
<b>ANGLER HOURS</b>		<b>681 (433)</b>	<b>1,084 (561)</b>	<b>1,107 (697)</b>	<b>826 (515)</b>	<b>211 (215)</b>	<b>3,909 (1,140)</b>
<b>ANGLER TRIPS</b>		<b>272 (189)</b>	<b>434 (256)</b>	<b>443 (315)</b>	<b>330 (227)</b>	<b>84 (92)</b>	<b>1,564 (510)</b>



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

Species	C/H	April-May	June	July	August	September	Season
<b>HARVEST</b>							
Walleye	0.1343 (0.0409)	460 (297)	1,371 (549)	1,065 (595)	942 (494)	628 (433)	4,466 (1,084)
Northern pike	0.0036 (0.0044)	0 (0)	20 (39)	85 (136)	0 (0)	16 (32)	120 (145)
Largemouth bass	0.0006 (0.0012)	0 (0)	0 (0)	0 (0)	0 (0)	19 (39)	19 (39)
Smallmouth bass	0.0034 (0.0033)	0 (0)	26 (40)	24 (47)	42 (76)	21 (43)	113 (107)
Yellow Perch	0.1699 (0.1070)	203 (185)	404 (328)	2,043 (3,071)	2,034 (1,286)	965 (596)	5,649 (3,403)
Bluegill	0.0189 (0.0212)	0 (0)	30 (39)	21 (42)	553 (692)	24 (36)	628 (695)
Rock bass	0.0021 (0.0028)	0 (0)	36 (64)	0 (0)	0 (0)	32 (64)	68 (91)
<b>TOTAL HARVEST</b>	<b>0.3327 (0.1255)</b>	<b>663 (350)</b>	<b>1,886 (647)</b>	<b>3,237 (3,132)</b>	<b>3,571 (1,543)</b>	<b>1,707 (743)</b>	<b>11,064 (3,645)</b>
<b>RELEASED</b>							
Walleye	0.2250 (0.0763)	674 (488)	1,217 (600)	2,816 (1,636)	1,515 (781)	1,259 (820)	7,481 (2,135)
Northern pike	0.0025 (0.0027)	11 (13)	11 (22)	56 (84)	6 (11)	0 (0)	84 (89)
Largemouth bass	0.0196 (0.0147)	3 (6)	203 (255)	101 (148)	214 (347)	129 (133)	651 (474)
Smallmouth bass	0.0838 (0.0264)	744 (491)	678 (379)	637 NAN	373 (235)	355 (267)	2,788 (715)
Yellow Perch	0.1818 (0.1086)	301 (398)	266 (239)	893 (1,240)	3,592 (3,112)	993 (614)	6,045 (3,437)
Bluegill	0.0367 (0.0342)	25 (49)	177 (305)	277 (510)	742 (940)	0 (0)	1,220 (1,114)
Rock bass	0.0049 (0.0042)	41 (82)	68 (77)	0 (0)	0 (0)	55 (79)	164 (137)
<b>TOTAL RELEASED</b>	<b>0.5543 (0.1513)</b>	<b>1,800 (804)</b>	<b>2,621 (852)</b>	<b>4,780 NAN</b>	<b>6,441 (3,369)</b>	<b>2,792 (1,070)</b>	<b>18,435 (3,724)</b>
<b>TOTAL CATCH</b>	<b>0.8870 (0.2260)</b>	<b>2,463 (877)</b>	<b>4,507 (1,069)</b>	<b>8,017 NAN</b>	<b>10,012 (3,706)</b>	<b>4,499 (1,303)</b>	<b>29,499 (5,211)</b>
<b>ANGLER HOURS</b>		<b>4,602 (1,856)</b>	<b>7,201 (2,279)</b>	<b>10,695 (4,346)</b>	<b>6,320 (2,604)</b>	<b>4,437 (1,727)</b>	<b>33,255 (6,106)</b>
<b>ANGLER TRIPS</b>		<b>1,230 (569)</b>	<b>1,691 (672)</b>	<b>2,661 (1,129)</b>	<b>1,736 (799)</b>	<b>1,014 (430)</b>	<b>8,333 (1,695)</b>

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

Species	C/H	April-May	June	July	August	September	Season
<b>HARVEST</b>							
Walleye	0.0503 (0.0675)	20 (35)	0 (0)	176 (255)	0 (0)	0 (0)	197 (258)
Northern pike	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
Largemouth bass	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
Smallmouth bass	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
Yellow Perch	0.0767 (0.1179)	0 (0)	35 (69)	0 (0)	265 (447)	0 (0)	300 (453)
Bluegill	0.5580 (0.4180)	136 (154)	115 (128)	794 (1,277)	925 (770)	211 NAN	2,181 (1,505)
Rock bass	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
<b>TOTAL HARVEST</b>	<b>0.6851 (0.4537)</b>	<b>157 (158)</b>	<b>149 (146)</b>	<b>970 (1,302)</b>	<b>1,191 (891)</b>	<b>211 NAN</b>	<b>2,678 (1,592)</b>
<b>RELEASED</b>							
Walleye	0.0193 (0.0366)	0 (0)	5 (10)	71 (141)	0 (0)	0 (0)	76 (141)
Northern pike	0.0011 (0.0023)	0 (0)	4 (9)	0 (0)	0 (0)	0 (0)	4 (9)
Largemouth bass	0.2485 (0.2248)	0 (0)	453 (558)	476 (611)	42 (85)	0 (0)	971 (832)
Smallmouth bass	0.2183 (0.2117)	82 (124)	137 (159)	335 (554)	299 (525)	0 (0)	853 (789)
Yellow Perch	0.0454 (0.0736)	0 (0)	0 (0)	135 (270)	42 (85)	0 (0)	177 (283)
Bluegill	0.5576 (0.3257)	683 (754)	699 (712)	135 (270)	240 (259)	422 NAN	2,180 (1,103)
Rock bass	0.0223 (0.0276)	0 (0)	43 (87)	0 (0)	44 (59)	0 (0)	87 (105)
<b>TOTAL RELEASED</b>	<b>1.1126 (0.5275)</b>	<b>765 (764)</b>	<b>1,341 (923)</b>	<b>1,152 (920)</b>	<b>668 (601)</b>	<b>422 NAN</b>	<b>4,349 (1,626)</b>
<b>TOTAL CATCH</b>	<b>1.7977 (0.7834)</b>	<b>922 (781)</b>	<b>1,490 (934)</b>	<b>2,122 (1,595)</b>	<b>1,859 (1,074)</b>	<b>634 NAN</b>	<b>7,027 (2,276)</b>
<b>ANGLER HOURS</b>		<b>681 (433)</b>	<b>1,084 (561)</b>	<b>1,107 (697)</b>	<b>826 (515)</b>	<b>211 (215)</b>	<b>3,909 (1,140)</b>
<b>ANGLER TRIPS</b>		<b>272 (189)</b>	<b>434 (256)</b>	<b>443 (315)</b>	<b>330 (227)</b>	<b>84 (92)</b>	<b>1,564 (510)</b>



Estimated harvest, catch per hour, and fishing pressure for two lakes combined. Two standard errors are given in parentheses.

Species	C/H	April-May	June	July	August	September	Season
<b>HARVEST</b>							
Walleye	0.1255 (0.0366)	480 (299)	1,371 (549)	1,241 (648)	942 (494)	628 (433)	4,662 (1,114)
Northern pike	0.0032 (0.0039)	0 (0)	20 (39)	85 (136)	0 (0)	16 (32)	120 (145)
Largemouth bass	0.0005 (0.0010)	0 (0)	0 (0)	0 (0)	0 (0)	19 (39)	19 (39)
Smallmouth bass	0.0030 (0.0029)	0 (0)	26 (40)	24 (47)	42 (76)	21 (43)	113 (107)
Yellow Perch	0.1601 (0.0962)	203 (185)	439 (335)	2,043 (3,071)	2,299 (1,362)	965 (596)	5,949 (3,433)
Bluegill	0.0756 (0.0463)	136 (154)	144 (134)	815 (1,278)	1,478 (1,035)	235 NAN	2,809 (1,657)
Rock bass	0.0018 (0.0025)	0 (0)	36 (64)	0 (0)	0 (0)	32 (64)	68 (91)
<b>TOTAL HARVEST</b>	<b>0.3698 (0.1220)</b>	<b>820 (384)</b>	<b>2,035 (663)</b>	<b>4,207 (3,392)</b>	<b>4,761 (1,782)</b>	<b>1,918 NAN</b>	<b>13,742 (3,907)</b>
<b>RELEASED</b>							
Walleye	0.2033 (0.0668)	674 (488)	1,222 (600)	2,886 (1,642)	1,515 (781)	1,259 (820)	7,557 (2,139)
Northern pike	0.0024 (0.0024)	11 (13)	16 (24)	56 (84)	6 (11)	0 (0)	89 (89)
Largemouth bass	0.0437 (0.0268)	3 (6)	656 (613)	578 (629)	257 (357)	129 (133)	1,623 (957)
Smallmouth bass	0.0980 (0.0294)	827 (506)	815 (411)	972 NAN	672 (575)	355 (267)	3,641 (909)
Yellow Perch	0.1674 (0.0969)	301 (398)	266 (239)	1,028 (1,269)	3,634 (3,113)	993 (614)	6,222 (3,448)
Bluegill	0.0915 (0.0449)	707 (756)	876 (775)	412 (577)	982 (976)	422 NAN	3,400 (1,567)
Rock bass	0.0068 (0.0048)	41 (82)	112 (116)	0 (0)	44 (59)	55 (79)	252 (173)
<b>TOTAL RELEASED</b>	<b>0.6131 (0.1450)</b>	<b>2,565 (1,110)</b>	<b>3,962 (1,256)</b>	<b>5,932 NAN</b>	<b>7,109 (3,422)</b>	<b>3,214 NAN</b>	<b>22,784 (3,811)</b>
<b>TOTAL CATCH</b>	<b>0.9828 (0.2203)</b>	<b>3,385 (1,174)</b>	<b>5,998 (1,420)</b>	<b>10,140 NAN</b>	<b>11,871 (3,859)</b>	<b>5,132 NAN</b>	<b>36,525 (5,458)</b>
<b>ANGLER HOURS</b>		<b>5,283 (1,906)</b>	<b>8,285 (2,347)</b>	<b>11,802 (4,401)</b>	<b>7,146 (2,655)</b>	<b>4,648 (1,740)</b>	<b>37,164 (6,212)</b>
<b>ANGLER TRIPS</b>		<b>1,502 (600)</b>	<b>2,125 (719)</b>	<b>3,104 (1,172)</b>	<b>2,067 (830)</b>	<b>1,099 (440)</b>	<b>9,896 (1,770)</b>