

Survey Report for Corey and Pleasant Lake, St. Joseph County, summer, 2008

Waterbody	COREY, PLEASANT
Year	Summer, 2008
County	St. Joseph County
Sites	COREY, PLEASANT
Survey period	April 26 to October 31
Survey design	Roving-Access/roving (roving counts, Access/roving interviews)
Interview type/mode	access and roving/boat, shore
Count type/mode	roving/boat and shore
Clerk time	full time
Survey purpose	Characterize general effort and catch aspects of the fishery

Notes

Survey followed a roving-access/roving (roving counts and access/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. COREYPLEASANT was divided into 2 sections: COREY, PLEASANT. Each section was sampled per day. Starting location within a section and direction of travel were randomized for both counting and interviewing. roving counts of boat and shore anglers were made once per day. Survey period for both counts and interviews was April 26 to October 31. Months were estimated separately. Estimates are given in Tables xxx.

SITE DESCRIPTION

This survey consists of two distinct sites: Corey Lake (~500 acres) and Pleasant Lake (~250 acres). All count and interview data is to be recorded separately for each site. A description of each lake follows:

Site 1: Corey Lake – The Corey Lake site has two assigned starting locations along the mapped route; #1 is at the western basin near the access ramp, #2 at the peninsula point along the eastern shoreline (see map included w/ schedule).

Site 2: Pleasant Lake – The Pleasant Lake site has two assigned starting locations along the mapped route; #1 is at the lake's western edge near the access ramp, #2 at the lake's eastern edge (see map included w/ schedule).

Count Instructions – At the scheduled count time, stop taking interviews and head directly to the assigned count starting location (1 or 2). Follow the mapped route in the direction scheduled for that count (clockwise or counter clockwise) and count all fishing boats and individual shore anglers. Record all count information on your PDA. When you have

completed a loop and are back to where you started your count, resume conducting interviews where you left off. There will be two counts assigned for each work day.

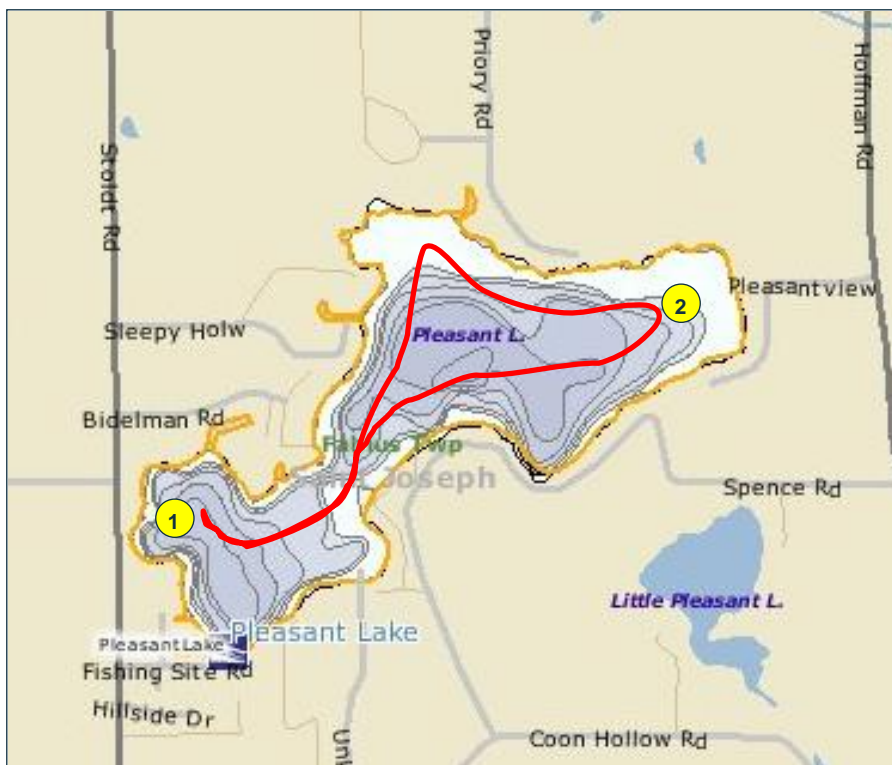
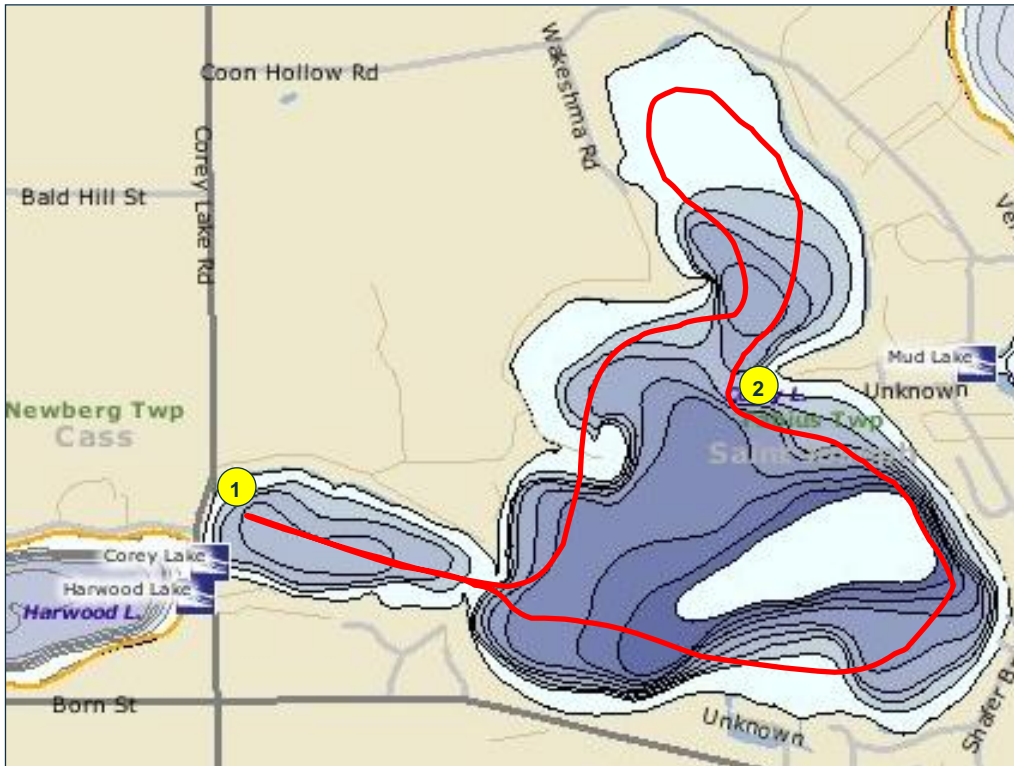


Table –Work shifts used to estimate catch and effort at COREYPLEASANT, April 26 to October 31, summer, 2008

	Year	Month	F
1	2008	4	14
2	2008	5	15
3	2008	6	16
4	2008	7	17
5	2008	8	16
6	2008	9	15
7	2008	10	14

Work shifts	A -April 26th through Oct	6:00am to 2:30pm
	B -April & October	11:30am to 8:00pm
	May & September	12:30am to 9:00pm
	June & August	1:30pm to 10:00pm
	July	2:30pm to 11:00pm

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

Species	C/H	April-May	June	July	August	September	October	Season	Win C/H	Win Season	Sum C/H	Sum Season
HARVEST												
Largemouth bass	0.0857 (0.0418)	119 (117)	325 (257)	1,177 (917)	553 (360)	58 (70)	24 (47)	2,256 (1,029)	NAN (0)	0 (0)	0.0857 (0.0418)	2,256 (1,029)
Smallmouth bass	0.0002 (0.0004)	0 (0)	0 (0)	0 (0)	5 (10)	0 (0)	0 (0)	5 (10)	NAN (0)	0 (0)	0.0002 (0.0004)	5 (10)
Yellow Perch	0.0787 (0.0396)	82 (74)	545 (702)	243 (217)	334 (297)	344 (362)	525 (436)	2,073 (977)	NAN (0)	0 (0)	0.0787 (0.0396)	2,073 (977)
Bluegill	1.0613 (0.3169)	3,384 (1,977)	4,854 (2,742)	6,232 (2,565)	11,119 (5,092)	836 (506)	1,516 (1,259)	27,940 (6,766)	NAN (0)	0 (0)	1.0613 (0.3169)	27,940 (6,766)
Pumpkinseed	0.0249 (0.0161)	149 (146)	342 (360)	48 (62)	60 (80)	56 (72)	0 (0)	655 (408)	NAN (0)	0 (0)	0.0249 (0.0161)	655 (408)
Rock bass	0.0004 (0.0008)	0 (0)	0 (0)	0 (0)	10 (20)	0 (0)	0 (0)	10 (20)	NAN (0)	0 (0)	0.0004 (0.0008)	10 (20)
Black crappie	0.0185 (0.0189)	459 (488)	1 (2)	6 (12)	15 (22)	0 (0)	5 (10)	487 (489)	NAN (0)	0 (0)	0.0185 (0.0189)	487 (489)
Brown bullhead	0.0008 (0.0015)	0 (0)	0 (0)	20 (41)	0 (0)	0 (0)	0 (0)	20 (41)	NAN (0)	0 (0)	0.0008 (0.0015)	20 (41)
Green Sunfish	0.0007 (0.0013)	0 (0)	17 (34)	0 (0)	0 (0)	0 (0)	0 (0)	17 (34)	NAN (0)	0 (0)	0.0007 (0.0013)	17 (34)
TOTAL HARVEST	1.2711 (0.3448)	4,193 (2,046)	6,085 (2,865)	7,725 (2,734)	12,097 (5,114)	1,293 (630)	2,070 (1,334)	33,464 (6,942)	NAN (0.0000)	0 (0)	1.2711 (0.3448)	33,464 (6,942)
RELEASED												
Northern pike	0.0023 (0.0035)	0 (0)	0 (0)	0 (0)	58 (91)	2 (3)	0 (0)	60 (91)	NAN (0)	0 (0)	0.0023 (0.0035)	60 (91)
Largemouth bass	0.2773 (0.0986)	473 (286)	1,282 (797)	2,857 (1,611)	1,329 (1,073)	793 (603)	566 (524)	7,300 (2,259)	NAN (0)	0 (0)	0.2773 (0.0986)	7,300 (2,259)
Smallmouth bass	0.0013 (0.0016)	0 (0)	8 (16)	18 (36)	0 (0)	8 (13)	0 (0)	33 (41)	NAN (0)	0 (0)	0.0013 (0.0016)	33 (41)
Yellow Perch	0.0378 (0.0225)	0 (0)	46 (54)	97 (120)	150 (167)	297 (297)	407 (431)	996 (565)	NAN (0)	0 (0)	0.0378 (0.0225)	996 (565)
Bluegill	0.5994 (0.1780)	2,536 (1,579)	2,410 (1,452)	3,628 (1,934)	3,668 (1,797)	1,945 (1,260)	1,595 (1,093)	15,781 (3,788)	NAN (0)	0 (0)	0.5994 (0.1780)	15,781 (3,788)
Pumpkinseed	0.0095 (0.0103)	230 (266)	0 (0)	0 (0)	18 (29)	2 (3)	0 (0)	250 (268)	NAN (0)	0 (0)	0.0095 (0.0103)	250 (268)

Rock bass	0.0014	0	0	0	20	16	0	37	NAN	0	0.0014	37
	(0.0018)	(0)	(0)	(0)	(30)	(36)	(0)	(47)	(0)	(0)	(0.0018)	(47)
Black crappie	0.0245	623	21	0	0	0	0	644	NAN	0	0.0245	644
	(0.0412)	(1,077)	(42)	(0)	(0)	(0)	(0)	(1,078)	(0)	(0)	(0.0412)	(1,078)
Common white sucker	0	0	0	0	0	0	0	0	NAN	0	0	0
	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
Brown bullhead	0	0	0	0	0	0	0	0	NAN	0	0	0
	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
Channel catfish	0.0006	0	16	0	0	0	0	16	NAN	0	0.0006	16
	(0.0012)	(0)	(32)	(0)	(0)	(0)	(0)	(32)	(0)	(0)	(0.0012)	(32)
Muskellunge	0.0007	0	0	0	17	0	0	17	NAN	0	0.0007	17
	(0.0013)	(0)	(0)	(0)	(34)	(0)	(0)	(34)	(0)	(0)	(0.0013)	(34)
Green Sunfish	0.0015	0	32	7	0	0	0	39	NAN	0	0.0015	39
	(0.0025)	(0)	(64)	(14)	(0)	(0)	(0)	(65)	(0)	(0)	(0.0025)	(65)
TOTAL RELEASED	0.9561	3,861	3,814	6,606	5,261	3,061	2,568	25,171	NAN	0	0.9561	25,171
	(0.2414)	(1,951)	(1,660)	(2,520)	(2,102)	(1,428)	(1,286)	(4,586)	(0.0000)	(0)	(0.2414)	(4,586)
TOTAL CATCH	2.2272	8,055	9,898	14,331	17,358	4,354	4,638	58,635	NAN	0	2.2272	58,635
	(0.5014)	(2,827)	(3,311)	(3,718)	(5,529)	(1,561)	(1,853)	(8,320)	(0)	(0)	(0.5014)	(8,320)
ANGLER HOURS		2,666	5,789	6,705	6,718	2,741	1,709	26,327		0		26,327
		(984)	(2,664)	(2,252)	(2,391)	(1,257)	(860)	(4,601)		(0)		(4,601)
ANGLER TRIPS		438	1,024	2,232	1,673	916	486	6,769		0		6,769
		(245)	(569)	(1,016)	(639)	(507)	(300)	(1,474)		(0)		(1,474)

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

Species	C/H	April-May	June	July	August	September	October	Season	Win C/H	Win Season	Sum C/H	Sum Season
HARVEST												
Largemouth bass	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	NAN (0)	0 (0)	0 (0)	0 (0)
Smallmouth bass	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	NAN (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)	NAN (0)	0 (0)	0 (0)	0 (0)
Bluegill	0.1382 (0.1226)	0 (0)	96 NAN	0 (0)	0 (0)	51 (101)	0 (0)	147 (101)	NAN (0)	0 (0)	0.1382 (0.1226)	147 (101)
Pumpkinseed	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	NAN (0)	0 (0)	0 (0)	0 (0)
Rock bass	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	NAN (0)	0 (0)	0 (0)	0 (0)
Black crappie	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	NAN (0)	0 (0)	0 (0)	0 (0)
Brown bullhead	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	NAN (0)	0 (0)	0 (0)	0 (0)
Green Sunfish	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	NAN (0)	0 (0)	0 (0)	0 (0)
TOTAL HARVEST	0.1382 (0.1226)	0 (0)	96 NAN	0 (0)	0 (0)	51 (101)	0 (0)	147 (101)	NAN (0.0000)	0 (0)	0.1382 NAN	147 NAN
RELEASED												
Northern pike	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	NAN (0)	0 (0)	0 (0)	0 (0)
Largemouth bass	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	NAN (0)	0 (0)	0 (0)	0 (0)
Smallmouth bass	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	NAN (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)	NAN (0)	0 (0)	0 (0)	0 (0)
Bluegill	1.3643 (1.9832)	1,296 (1,920)	0 (0)	0 (0)	0 (0)	152 (304)	0 (0)	1,448 (1,944)	NAN (0)	0 (0)	1.3643 (1.9832)	1,448 (1,944)
Pumpkinseed	0.0357 (0.0546)	27 (54)	0 (0)	11 NAN	0 (0)	0 (0)	0 (0)	38 (54)	NAN (0)	0 (0)	0.0357 (0.0546)	38 (54)

Rock bass	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	NAN (0)	0 (0)	0 (0)	0 (0)
Black crappie	0.0985 (0.2045)	105 (209)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	105 (209)	NAN (0)	0 (0)	0.0985 (0.2045)	105 (209)
Common white sucker	0.0985 (0.2045)	105 (209)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	105 (209)	NAN (0)	0 (0)	0.0985 (0.2045)	105 (209)
Brown bullhead	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	NAN (0)	0 (0)	0 (0)	0 (0)
Channel catfish	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	NAN (0)	0 (0)	0 (0)	0 (0)
Muskellunge	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	NAN (0)	0 (0)	0 (0)	0 (0)
Green Sunfish	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	NAN (0)	0 (0)	0 (0)	0 (0)
TOTAL RELEASED	1.5970 (2.0560)	1,532 (1,943)	0 (0)	11 NAN	0 (0)	152 (304)	0 (0)	1,695 (1,967)	NAN (0.0000)	0 (0)	1.5970 NAN	1,695 NAN
TOTAL CATCH	1.7352 (2.0926)	1,532 (1,943)	96 NAN	11 NAN	0 (0)	202 (320)	0 (0)	1,841 (1,969)	NAN (0)	0 (0)	1.7352 NAN	1,841 NAN
ANGLER HOURS		359 (342)	225 (248)	130 (169)	196 (333)	152 (178)	0 (0)	1,061 (591)		0 (0)		1,061 (591)
ANGLER TRIPS		205 (250)	128 (172)	74 (107)	112 (213)	87 (126)	0 (0)	606 (405)		0 (0)		606 (405)

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

Species	C/H	April-May	June	July	August	September	October	Season	Win C/H	Win Season	Sum C/H	Sum Season
HARVEST												
Largemouth bass	0.0800 (0.0424)	94 (96)	298 (333)	388 (321)	63 (83)	146 (122)	46 (51)	1,034 (497)	NAN (0)	0 (0)	0.0800 (0.0424)	1,034 (497)
Smallmouth bass	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	NAN (0)	0 (0)	0 (0)	0 (0)
Yellow Perch	0.0608 (0.0357)	45 (48)	0 (0)	185 (208)	122 (136)	383 (332)	50 (88)	785 (427)	NAN (0)	0 (0)	0.0608 (0.0357)	785 (427)
Bluegill	0.6259 (0.2444)	1,545 (1,213)	1,775 (1,504)	626 (403)	2,193 (1,260)	1,926 (1,128)	23 (31)	8,087 (2,599)	NAN (0)	0 (0)	0.6259 (0.2444)	8,087 (2,599)
Pumpkinseed	0.0186 (0.0139)	75 (99)	104 (120)	7 (14)	25 (37)	30 (60)	0 (0)	241 (172)	NAN (0)	0 (0)	0.0186 (0.0139)	241 (172)
Rock bass	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	NAN (0)	0 (0)	0 (0)	0 (0)
Black crappie	0.0809 (0.0529)	90 (123)	82 (129)	253 (335)	475 (495)	141 (157)	3 (7)	1,046 (643)	NAN (0)	0 (0)	0.0809 (0.0529)	1,046 (643)
Brown bullhead	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	NAN (0)	0 (0)	0 (0)	0 (0)
Green Sunfish	0.0002 (0.0005)	3 (6)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	3 (6)	NAN (0)	0 (0)	0.0002 (0.0005)	3 (6)
TOTAL HARVEST	0.8664 (0.2873)	1,852 (1,228)	2,259 (1,550)	1,458 (649)	2,878 (1,364)	2,626 (1,195)	121 (107)	11,194 (2,762)	NAN (0.0000)	0 (0)	0.8664 (0.2873)	11,194 (2,762)
RELEASED												
Northern pike	0.0016 (0.0026)	0 (0)	0 (0)	0 (0)	0 (0)	21 (33)	0 (0)	21 (33)	NAN (0)	0 (0)	0.0016 (0.0026)	21 (33)
Largemouth bass	0.3199 (0.1243)	891 (576)	836 (714)	1,325 (809)	547 (389)	466 (296)	69 (70)	4,133 (1,319)	NAN (0)	0 (0)	0.3199 (0.1243)	4,133 (1,319)
Smallmouth bass	0.0072 (0.0110)	0 (0)	0 (0)	63 (127)	0 (0)	30 (60)	0 (0)	93 (140)	NAN (0)	0 (0)	0.0072 (0.0110)	93 (140)
Yellow Perch	0.0333 (0.0277)	18 (31)	0 (0)	50 (73)	16 (34)	273 (301)	73 (146)	430 (345)	NAN (0)	0 (0)	0.0333 (0.0277)	430 (345)
Bluegill	0.3394 (0.1370)	1,258 (1,009)	663 (602)	659 (438)	875 (587)	916 (519)	13 (18)	4,385 (1,479)	NAN (0)	0 (0)	0.3394 (0.1370)	4,385 (1,479)
Pumpkinseed	0.0193 (0.0176)	196 (205)	37 (74)	0 (0)	16 (33)	0 (0)	0 (0)	249 (221)	NAN (0)	0 (0)	0.0193 (0.0176)	249 (221)

Rock bass	0.0024	0	0	32	0	0	0	32	NAN	0	0.0024	32
	(0.0049)	(0)	(0)	(63)	(0)	(0)	(0)	(63)	(0)	(0)	(0.0049)	(63)
Black crappie	0.0237	130	7	96	54	19	0	306	NAN	0	0.0237	306
	(0.0155)	(147)	(14)	(93)	(65)	(29)	(0)	(188)	(0)	(0)	(0.0155)	(188)
Common white sucker	0	0	0	0	0	0	0	0	NAN	0	0	0
	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
Brown bullhead	0.0039	0	0	0	0	51	0	51	NAN	0	0.0039	51
	(0.0071)	(0)	(0)	(0)	(0)	(91)	(0)	(91)	(0)	(0)	(0.0071)	(91)
Channel catfish	0	0	0	0	0	0	0	0	NAN	0	0	0
	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
Muskellunge	0	0	0	0	0	0	0	0	NAN	0	0	0
	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
Green Sunfish	0	0	0	0	0	0	0	0	NAN	0	0	0
	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
TOTAL RELEASED	0.7507	2,493	1,544	2,224	1,508	1,775	155	9,699	NAN	0	0.7507	9,699
	(0.2294)	(1,189)	(937)	(939)	(709)	(679)	(163)	(2,041)	(0.0000)	(0)	(0.2294)	(2,041)
TOTAL CATCH	1.6171	4,345	3,803	3,682	4,386	4,402	276	20,893	NAN	0	1.6171	20,893
	(0.4462)	(1,709)	(1,811)	(1,141)	(1,537)	(1,374)	(195)	(3,434)	(0)	(0)	(0.4462)	(3,434)
ANGLER HOURS		2,560	3,325	2,522	1,970	2,157	386	12,920		0		12,920
		(1,276)	(2,004)	(1,038)	(815)	(892)	(137)	(2,863)		(0)		(2,863)
ANGLER TRIPS		669	656	760	665	629	30	3,409		0		3,409
		(354)	(636)	(315)	(307)	(291)	(58)	(901)		(0)		(901)

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

Species	C/H	April-May	June	July	August	September	October	Season	Win C/H	Win Season	Sum C/H	Sum Season
HARVEST												
Largemouth bass	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	NAN (0)	0 (0)	0 (0)	0 (0)
Smallmouth bass	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	NAN (0)	0 (0)	0 (0)	0 (0)
Yellow Perch	0.0316 (0.0399)	30 (36)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	30 (36)	NAN (0)	0 (0)	0.0316 (0.0399)	30 (36)
Bluegill	0.4742 (0.9446)	450 (882)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	450 (882)	NAN (0)	0 (0)	0.4742 (0.9446)	450 (882)
Pumpkinseed	0.0632 (0.0799)	60 (73)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	60 (73)	NAN (0)	0 (0)	0.0632 (0.0799)	60 (73)
Rock bass	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	NAN (0)	0 (0)	0 (0)	0 (0)
Black crappie	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	NAN (0)	0 (0)	0 (0)	0 (0)
Brown bullhead	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	NAN (0)	0 (0)	0 (0)	0 (0)
Green Sunfish	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	NAN (0)	0 (0)	0 (0)	0 (0)
TOTAL HARVEST	0.5690 (0.9551)	540 (886)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	540 (886)	NAN (0.0000)	0 (0)	0.5690 (0.9551)	540 (886)
RELEASED												
Northern pike	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	NAN (0)	0 (0)	0 (0)	0 (0)
Largemouth bass	0.0632 (0.0570)	60 (50)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	60 (50)	NAN (0)	0 (0)	0.0632 (0.0570)	60 (50)
Smallmouth bass	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	NAN (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)	NAN (0)	0 (0)	0 (0)	0 (0)
Bluegill	0.2571 (0.2803)	120 (251)	112 NAN	0 (0)	12 NAN	0 (0)	0 (0)	244 (251)	NAN (0)	0 (0)	0.2571 (0.2803)	244 (251)
Pumpkinseed	0.0590 (0.0210)	0 (0)	56 NAN	0 (0)	0 (0)	0 (0)	0 (0)	56 (0)	NAN (0)	0 (0)	0.0590 (0.0210)	56 (0)

Rock bass	0	0	0	0	0	0	0	0	NAN	0	0	0
	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
Black crappie	0	0	0	0	0	0	0	0	NAN	0	0	0
	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
Common white sucker	0	0	0	0	0	0	0	0	NAN	0	0	0
	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
Brown bullhead	0	0	0	0	0	0	0	0	NAN	0	0	0
	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
Channel catfish	0	0	0	0	0	0	0	0	NAN	0	0	0
	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
Muskellunge	0	0	0	0	0	0	0	0	NAN	0	0	0
	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
Green Sunfish	0.0590	0	56	0	0	0	0	56	NAN	0	0.0590	56
	(0.0210)	(0)	NAN	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0.0210)	(0)
TOTAL RELEASED	0.4383	180	224	0	12	0	0	416	NAN	0	0.4383	416
	(0.3120)	(256)	NAN	(0)	NAN	(0)	(0)	(256)	(0.0000)	(0)	NAN	NAN
TOTAL CATCH	1.0073	720	224	0	12	0	0	956	NAN	0	1.0073	956
	(1.0359)	(922)	NAN	(0)	NAN	(0)	(0)	(922)	(0)	(0)	NAN	NAN
ANGLER HOURS		135	292	319	40	96	68	949		0		949
		(103)	(170)	(223)	(58)	(114)	(96)	(338)		(0)		(338)
ANGLER TRIPS		74	159	174	22	52	37	518		0		518
		(81)	(130)	(165)	(34)	(69)	(58)	(245)		(0)		(245)

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

Species	C/H	April-May	June	July	August	September	October	Season	Win C/H	Win Season	Sum C/H	Sum Season
HARVEST												
Largemouth bass	0.0824 (0.0401)	119 (117)	325 (257)	1,177 (917)	553 (360)	58 (70)	24 (47)	2,256 (1,029)	NAN (0)	0 (0)	0.0824 (0.0401)	2,256 (1,029)
Smallmouth bass	0.0002 (0.0004)	0 (0)	0 (0)	0 (0)	5 (10)	0 (0)	0 (0)	5 (10)	NAN (0)	0 (0)	0.0002 (0.0004)	5 (10)
Yellow Perch	0.0757 (0.0379)	82 (74)	545 (702)	243 (217)	334 (297)	344 (362)	525 (436)	2,073 (977)	NAN (0)	0 (0)	0.0757 (0.0379)	2,073 (977)
Bluegill	1.0255 (0.2849)	3,384 (1,977)	4,950 NAN	6,232 (2,565)	11,119 (5,092)	886 (517)	1,516 (1,259)	28,087 (6,186)	NAN (0)	0 (0)	1.0255 (0.2849)	28,087 (6,186)
Pumpkinseed	0.0239 (0.0154)	149 (146)	342 (360)	48 (62)	60 (80)	56 (72)	0 (0)	655 (408)	NAN (0)	0 (0)	0.0239 (0.0154)	655 (408)
Rock bass	0.0004 (0.0007)	0 (0)	0 (0)	0 (0)	10 (20)	0 (0)	0 (0)	10 (20)	NAN (0)	0 (0)	0.0004 (0.0007)	10 (20)
Black crappie	0.0178 (0.0181)	459 (488)	1 (2)	6 (12)	15 (22)	0 (0)	5 (10)	487 (489)	NAN (0)	0 (0)	0.0178 (0.0181)	487 (489)
Brown bullhead	0.0007 (0.0015)	0 (0)	0 (0)	20 (41)	0 (0)	0 (0)	0 (0)	20 (41)	NAN (0)	0 (0)	0.0007 (0.0015)	20 (41)
Green Sunfish	0.0006 (0.0013)	0 (0)	17 (34)	0 (0)	0 (0)	0 (0)	0 (0)	17 (34)	NAN (0)	0 (0)	0.0006 (0.0013)	17 (34)
TOTAL HARVEST	1.2272 (0.3107)	4,193 (2,046)	6,181 NAN	7,725 (2,734)	12,097 (5,114)	1,344 (638)	2,070 (1,334)	33,610 (6,324)	NAN (0.0000)	0 (0)	1.2272 NAN	33,610 NAN
RELEASED												
Northern pike	0.0022 (0.0033)	0 (0)	0 (0)	0 (0)	58 (91)	2 (3)	0 (0)	60 (91)	NAN (0)	0 (0)	0.0022 (0.0033)	60 (91)
Largemouth bass	0.2665 (0.0940)	473 (286)	1,282 (797)	2,857 (1,611)	1,329 (1,073)	793 (603)	566 (524)	7,300 (2,259)	NAN (0)	0 (0)	0.2665 (0.0940)	7,300 (2,259)
Smallmouth bass	0.0012 (0.0015)	0 (0)	8 (16)	18 (36)	0 (0)	8 (13)	0 (0)	33 (41)	NAN (0)	0 (0)	0.0012 (0.0015)	33 (41)
Yellow Perch	0.0364 (0.0215)	0 (0)	46 (54)	97 (120)	150 (167)	297 (297)	407 (431)	996 (565)	NAN (0)	0 (0)	0.0364 (0.0215)	996 (565)
Bluegill	0.6290 (0.1885)	3,831 (2,486)	2,410 (1,452)	3,628 (1,934)	3,668 (1,797)	2,096 (1,296)	1,595 (1,093)	17,228 (4,258)	NAN (0)	0 (0)	0.6290 (0.1885)	17,228 (4,258)
Pumpkinseed	0.0105 (0.0101)	257 (271)	0 (0)	11 NAN	18 (29)	2 (3)	0 (0)	287 (273)	NAN (0)	0 (0)	0.0105 (0.0101)	287 (273)

Rock bass	0.0013	0	0	0	20	16	0	37	NAN	0	0.0013	37
	(0.0017)	(0)	(0)	(0)	(30)	(36)	(0)	(47)	(0)	(0)	(0.0017)	(47)
Black crappie	0.0273	727	21	0	0	0	0	749	NAN	0	0.0273	749
	(0.0404)	(1,097)	(42)	(0)	(0)	(0)	(0)	(1,098)	(0)	(0)	(0.0404)	(1,098)
Common white sucker	0.0038	105	0	0	0	0	0	105	NAN	0	0.0038	105
	(0.0077)	(209)	(0)	(0)	(0)	(0)	(0)	(209)	(0)	(0)	(0.0077)	(209)
Brown bullhead	0	0	0	0	0	0	0	0	NAN	0	0	0
	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
Channel catfish	0.0006	0	16	0	0	0	0	16	NAN	0	0.0006	16
	(0.0012)	(0)	(32)	(0)	(0)	(0)	(0)	(32)	(0)	(0)	(0.0012)	(32)
Muskellunge	0.0006	0	0	0	17	0	0	17	NAN	0	0.0006	17
	(0.0013)	(0)	(0)	(0)	(34)	(0)	(0)	(34)	(0)	(0)	(0.0013)	(34)
Green Sunfish	0.0014	0	32	7	0	0	0	39	NAN	0	0.0014	39
	(0.0024)	(0)	(64)	(14)	(0)	(0)	(0)	(65)	(0)	(0)	(0.0024)	(65)
TOTAL RELEASED	0.9809	5,393	3,814	6,617	5,261	3,213	2,568	26,866	NAN	0	0.9809	26,866
	(0.2287)	(2,753)	(1,660)	NAN	(2,102)	(1,460)	(1,286)	(4,306)	(0.0000)	(0)	NAN	NAN
TOTAL CATCH	2.2081	9,586	9,994	14,342	17,358	4,557	4,638	60,476	NAN	0	2.2081	60,476
	(0.4668)	(3,430)	NAN	NAN	(5,529)	(1,594)	(1,853)	(7,651)	(0)	(0)	NAN	NAN
ANGLER HOURS		3,025	6,014	6,834	6,914	2,892	1,709	27,388		0		27,388
		(1,042)	(2,675)	(2,258)	(2,414)	(1,269)	(860)	(4,639)		(0)		(4,639)
ANGLER TRIPS		643	1,152	2,307	1,785	1,003	486	7,375		0		7,375
		(350)	(595)	(1,022)	(673)	(523)	(300)	(1,528)		(0)		(1,528)

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

Species	C/H	April-May	June	July	August	September	October	Season	Win C/H	Win Season	Sum C/H	Sum Season
HARVEST												
Largemouth bass	0.0745 (0.0391)	94 (96)	298 (333)	388 (321)	63 (83)	146 (122)	46 (51)	1,034 (497)	NAN (0)	0 (0)	0.0745 (0.0391)	1,034 (497)
Smallmouth bass	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	NAN (0)	0 (0)	0 (0)	0 (0)
Yellow Perch	0.0588 (0.0332)	75 (60)	0 (0)	185 (208)	122 (136)	383 (332)	50 (88)	815 (428)	NAN (0)	0 (0)	0.0588 (0.0332)	815 (428)
Bluegill	0.6155 (0.2357)	1,995 (1,499)	1,775 (1,504)	626 (403)	2,193 (1,260)	1,926 (1,128)	23 (31)	8,537 (2,745)	NAN (0)	0 (0)	0.6155 (0.2357)	8,537 (2,745)
Pumpkinseed	0.0217 (0.0142)	135 (123)	104 (120)	7 (14)	25 (37)	30 (60)	0 (0)	301 (186)	NAN (0)	0 (0)	0.0217 (0.0142)	301 (186)
Rock bass	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	NAN (0)	0 (0)	0 (0)	0 (0)
Black crappie	0.0754 (0.0490)	90 (123)	82 (129)	253 (335)	475 (495)	141 (157)	3 (7)	1,046 (643)	NAN (0)	0 (0)	0.0754 (0.0490)	1,046 (643)
Brown bullhead	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	NAN (0)	0 (0)	0 (0)	0 (0)
Green Sunfish	0.0002 (0.0004)	3 (6)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	3 (6)	NAN (0)	0 (0)	0.0002 (0.0004)	3 (6)
TOTAL HARVEST	0.8461 (0.2733)	2,392 (1,514)	2,259 (1,550)	1,458 (649)	2,878 (1,364)	2,626 (1,195)	121 (107)	11,734 (2,901)	NAN (0.0000)	0 (0)	0.8461 (0.2733)	11,734 (2,901)
RELEASED												
Northern pike	0.0015 (0.0024)	0 (0)	0 (0)	0 (0)	0 (0)	21 (33)	0 (0)	21 (33)	NAN (0)	0 (0)	0.0015 (0.0024)	21 (33)
Largemouth bass	0.3023 (0.1141)	951 (578)	836 (714)	1,325 (809)	547 (389)	466 (296)	69 (70)	4,193 (1,320)	NAN (0)	0 (0)	0.3023 (0.1141)	4,193 (1,320)
Smallmouth bass	0.0067 (0.0102)	0 (0)	0 (0)	63 (127)	0 (0)	30 (60)	0 (0)	93 (140)	NAN (0)	0 (0)	0.0067 (0.0102)	93 (140)
Yellow Perch	0.0310 (0.0257)	18 (31)	0 (0)	50 (73)	16 (34)	273 (301)	73 (146)	430 (345)	NAN (0)	0 (0)	0.0310 (0.0257)	430 (345)
Bluegill	0.3338 (0.1133)	1,378 (1,040)	775 NAN	659 (438)	887 NAN	916 (519)	13 (18)	4,629 (1,242)	NAN (0)	0 (0)	0.3338 (0.1133)	4,629 (1,242)
Pumpkinseed	0.0220 (0.0157)	196 (205)	93 NAN	0 (0)	16 (33)	0 (0)	0 (0)	305 (208)	NAN (0)	0 (0)	0.0220 (0.0157)	305 (208)

Rock bass	0.0023	0	0	32	0	0	0	32	NAN	0	0.0023	32
	(0.0046)	(0)	(0)	(63)	(0)	(0)	(0)	(63)	(0)	(0)	(0.0046)	(63)
Black crappie	0.0221	130	7	96	54	19	0	306	NAN	0	0.0221	306
	(0.0143)	(147)	(14)	(93)	(65)	(29)	(0)	(188)	(0)	(0)	(0.0143)	(188)
Common white sucker	0	0	0	0	0	0	0	0	NAN	0	0	0
	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
Brown bullhead	0.0036	0	0	0	0	51	0	51	NAN	0	0.0036	51
	(0.0066)	(0)	(0)	(0)	(0)	(91)	(0)	(91)	(0)	(0)	(0.0066)	(91)
Channel catfish	0	0	0	0	0	0	0	0	NAN	0	0	0
	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
Muskellunge	0	0	0	0	0	0	0	0	NAN	0	0	0
	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
Green Sunfish	0.0040	0	56	0	0	0	0	56	NAN	0	0.0040	56
	(0.0008)	(0)	NAN	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0.0008)	(0)
TOTAL RELEASED	0.7293	2,673	1,768	2,224	1,520	1,775	155	10,115	NAN	0	0.7293	10,115
	(0.1944)	(1,217)	NAN	(939)	NAN	(679)	(163)	(1,688)	(0.0000)	(0)	NAN	NAN
TOTAL CATCH	1.5754	5,065	4,027	3,682	4,398	4,402	276	21,849	NAN	0	1.5754	21,849
	(0.4072)	(1,942)	NAN	(1,141)	NAN	(1,374)	(195)	(3,356)	(0)	(0)	NAN	NAN
ANGLER HOURS		2,695	3,617	2,841	2,010	2,252	454	13,869		0		13,869
		(1,280)	(2,011)	(1,061)	(817)	(900)	(168)	(2,883)		(0)		(2,883)
ANGLER TRIPS		743	815	934	687	681	67	3,927		0		3,927
		(363)	(649)	(355)	(308)	(299)	(82)	(933)		(0)		(933)

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	Win C/H	Win Season	Sum C/H	Sum Season
HARVEST												
Largemouth bass	0.0838 (0.0313)	213 (151)	623 (421)	1,565 (972)	616 (369)	204 (140)	69 (70)	3,290 (1,142)	NAN (0)	0 (0)	0.0838 (0.0313)	3,290 (1,142)
Smallmouth bass	0.0001 (0.0003)	0 (0)	0 (0)	0 (0)	5 (10)	0 (0)	0 (0)	5 (10)	NAN (0)	0 (0)	0.0001 (0.0003)	5 (10)
Yellow Perch	0.0728 (0.0290)	127 (89)	545 (702)	428 (301)	456 (326)	727 (491)	575 (445)	2,858 (1,066)	NAN (0)	0 (0)	0.0728 (0.0290)	2,858 (1,066)
Bluegill	0.9179 (0.2240)	4,929 (2,319)	6,629 (3,128)	6,857 (2,597)	13,312 (5,245)	2,762 (1,237)	1,539 (1,260)	36,027 (7,248)	NAN (0)	0 (0)	0.9179 (0.2240)	36,027 (7,248)
Pumpkinseed	0.0228 (0.0117)	224 (176)	447 (379)	55 (64)	85 (88)	86 (93)	0 (0)	895 (442)	NAN (0)	0 (0)	0.0228 (0.0117)	895 (442)
Rock bass	0.0003 (0.0005)	0 (0)	0 (0)	0 (0)	10 (20)	0 (0)	0 (0)	10 (20)	NAN (0)	0 (0)	0.0003 (0.0005)	10 (20)
Black crappie	0.0390 (0.0213)	550 (503)	83 (129)	259 (335)	491 (495)	141 (157)	8 (12)	1,532 (808)	NAN (0)	0 (0)	0.0390 (0.0213)	1,532 (808)
Brown bullhead	0.0005 (0.0010)	0 (0)	0 (0)	20 (41)	0 (0)	0 (0)	0 (0)	20 (41)	NAN (0)	0 (0)	0.0005 (0.0010)	20 (41)
Green Sunfish	0.0005 (0.0009)	3 (6)	17 (34)	0 (0)	0 (0)	0 (0)	0 (0)	20 (35)	NAN (0)	0 (0)	0.0005 (0.0009)	20 (35)
TOTAL HARVEST	1.1379 (0.2468)	6,045 (2,386)	8,344 (3,258)	9,184 (2,810)	14,975 (5,292)	3,920 (1,351)	2,191 (1,338)	44,658 (7,472)	NAN (0.0000)	0 (0)	1.1379 (0.2468)	44,658 (7,472)
RELEASED												
Northern pike	0.0020 (0.0025)	0 (0)	0 (0)	0 (0)	58 (91)	22 (33)	0 (0)	80 (96)	NAN (0)	0 (0)	0.0020 (0.0025)	80 (96)
Largemouth bass	0.2913 (0.0779)	1,364 (643)	2,118 (1,070)	4,182 (1,803)	1,876 (1,142)	1,259 (671)	635 (529)	11,433 (2,616)	NAN (0)	0 (0)	0.2913 (0.0779)	11,433 (2,616)
Smallmouth bass	0.0032 (0.0037)	0 (0)	8 (16)	81 (132)	0 (0)	38 (61)	0 (0)	127 (146)	NAN (0)	0 (0)	0.0032 (0.0037)	127 (146)
Yellow Perch	0.0363 (0.0176)	18 (31)	46 (54)	146 (140)	166 (170)	570 (423)	480 (455)	1,426 (662)	NAN (0)	0 (0)	0.0363 (0.0176)	1,426 (662)
Bluegill	0.5138 (0.1256)	3,794 (1,874)	3,073 (1,572)	4,287 (1,983)	4,543 (1,890)	2,861 (1,362)	1,608 (1,093)	20,166 (4,067)	NAN (0)	0 (0)	0.5138 (0.1256)	20,166 (4,067)
Pumpkinseed	0.0127 (0.0090)	426 (336)	37 (74)	0 (0)	34 (44)	2 (3)	0 (0)	499 (347)	NAN (0)	0 (0)	0.0127 (0.0090)	499 (347)

Rock bass	0.0017	0	0	32	20	16	0	68	NAN	0	0.0017	68
	(0.0020)	(0)	(0)	(63)	(30)	(36)	(0)	(79)	(0)	(0)	(0.0020)	(79)
Black crappie	0.0242	753	28	96	54	19	0	950	NAN	0	0.0242	950
	(0.0281)	(1,087)	(45)	(93)	(65)	(29)	(0)	(1,094)	(0)	(0)	(0.0281)	(1,094)
Common white sucker	0	0	0	0	0	0	0	0	NAN	0	0	0
	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
Brown bullhead	0.0013	0	0	0	0	51	0	51	NAN	0	0.0013	51
	(0.0023)	(0)	(0)	(0)	(0)	(91)	(0)	(91)	(0)	(0)	(0.0023)	(91)
Channel catfish	0.0004	0	16	0	0	0	0	16	NAN	0	0.0004	16
	(0.0008)	(0)	(32)	(0)	(0)	(0)	(0)	(32)	(0)	(0)	(0.0008)	(32)
Muskellunge	0.0004	0	0	0	17	0	0	17	NAN	0	0.0004	17
	(0.0009)	(0)	(0)	(0)	(34)	(0)	(0)	(34)	(0)	(0)	(0.0009)	(34)
Green Sunfish	0.0010	0	32	7	0	0	0	39	NAN	0	0.0010	39
	(0.0017)	(0)	(64)	(14)	(0)	(0)	(0)	(65)	(0)	(0)	(0.0017)	(65)
TOTAL RELEASED	0.8885	6,354	5,358	8,830	6,770	4,836	2,723	34,870	NAN	0	0.8885	34,870
	(0.1772)	(2,285)	(1,906)	(2,689)	(2,219)	(1,582)	(1,297)	(5,019)	(0.0000)	(0)	(0.1772)	(5,019)
TOTAL CATCH	2.0263	12,400	13,701	18,013	21,744	8,756	4,914	79,528	NAN	0	2.0263	79,528
	(0.3618)	(3,303)	(3,774)	(3,890)	(5,739)	(2,080)	(1,863)	(9,001)	(0)	(0)	(0.3618)	(9,001)
ANGLER HOURS		5,226	9,114	9,227	8,688	4,897	2,095	39,247		0		39,247
		(1,611)	(3,333)	(2,480)	(2,526)	(1,541)	(871)	(5,419)		(0)		(5,419)
ANGLER TRIPS		1,107	1,680	2,992	2,338	1,545	516	10,178		0		10,178
		(430)	(854)	(1,064)	(709)	(585)	(305)	(1,727)		(0)		(1,727)

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	Win C/H	Win Season	Sum C/H	Sum Season
HARVEST												
Largemouth bass	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	NAN (0)	0 (0)	0 (0)	0 (0)
Smallmouth bass	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	NAN (0)	0 (0)	0 (0)	0 (0)
Yellow Perch	0.0149 (0.0188)	30 (36)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	30 (36)	NAN (0)	0 (0)	0.0149 (0.0188)	30 (36)
Bluegill	0.2968 (0.4530)	450 (882)	96 NAN	0 (0)	0 (0)	51 (101)	0 (0)	597 (888)	NAN (0)	0 (0)	0.2968 (0.4530)	597 (888)
Pumpkinseed	0.0298 (0.0376)	60 (73)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	60 (73)	NAN (0)	0 (0)	0.0298 (0.0376)	60 (73)
Rock bass	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	NAN (0)	0 (0)	0 (0)	0 (0)
Black crappie	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	NAN (0)	0 (0)	0 (0)	0 (0)
Brown bullhead	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	NAN (0)	0 (0)	0 (0)	0 (0)
Green Sunfish	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	NAN (0)	0 (0)	0 (0)	0 (0)
TOTAL HARVEST	0.3416 (0.4584)	540 (886)	96 NAN	0 (0)	0 (0)	51 (101)	0 (0)	687 (892)	NAN (0.0000)	0 (0)	0.3416 NAN	687 NAN
RELEASED												
Northern pike	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	NAN (0)	0 (0)	0 (0)	0 (0)
Largemouth bass	0.0298 (0.0267)	60 (50)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	60 (50)	NAN (0)	0 (0)	0.0298 (0.0267)	60 (50)
Smallmouth bass	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	NAN (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)	NAN (0)	0 (0)	0 (0)	0 (0)
Bluegill	0.8416 (1.0158)	1,416 (1,936)	112 NAN	0 (0)	12 NAN	152 (304)	0 (0)	1,692 (1,960)	NAN (0)	0 (0)	0.8416 (1.0158)	1,692 (1,960)
Pumpkinseed	0.0467 (0.0312)	27 (54)	56 NAN	11 NAN	0 (0)	0 (0)	0 (0)	94 (54)	NAN (0)	0 (0)	0.0467 (0.0312)	94 (54)

Rock bass	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	NAN (0)	0 (0)	0 (0)	0 (0)
Black crappie	0.0520 (0.1055)	105 (209)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	105 (209)	NAN (0)	0 (0)	0.0520 (0.1055)	105 (209)
Common white sucker	0.0520 (0.1055)	105 (209)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	105 (209)	NAN (0)	0 (0)	0.0520 (0.1055)	105 (209)
Brown bullhead	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	NAN (0)	0 (0)	0 (0)	0 (0)
Channel catfish	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	NAN (0)	0 (0)	0 (0)	0 (0)
Muskellunge	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	NAN (0)	0 (0)	0 (0)	0 (0)
Green Sunfish	0.0279 (0.0094)	0 (0)	56 NAN	0 (0)	0 (0)	0 (0)	0 (0)	56 (0)	NAN (0)	0 (0)	0.0279 (0.0094)	56 (0)
TOTAL RELEASED	1.0500 (1.0489)	1,712 (1,960)	224 NAN	11 NAN	12 NAN	152 (304)	0 (0)	2,111 (1,983)	NAN (0.0000)	0 (0)	1.0500 NAN	2,111 NAN
TOTAL CATCH	1.3916 (1.1801)	2,252 (2,151)	320 NAN	11 NAN	12 NAN	202 (320)	0 (0)	2,797 (2,175)	NAN (0)	0 (0)	1.3916 NAN	2,797 NAN
ANGLER HOURS		494 (357)	517 (301)	449 (279)	236 (338)	248 (211)	68 (96)	2,010 (681)		0 (0)		2,010 (681)
ANGLER TRIPS		278 (262)	288 (216)	248 (196)	134 (216)	139 (143)	37 (58)	1,124 (474)		0 (0)		1,124 (474)

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

Species	C/H	April-May	June	July	August	September	October	Season	Win C/H	Win Season	Sum C/H	Sum Season
HARVEST												
Largemouth bass	0.0797 (0.0296)	213 (151)	623 (421)	1,565 (972)	616 (369)	204 (140)	69 (70)	3,290 (1,142)	NAN (0)	0 (0)	0.0797 (0.0296)	3,290 (1,142)
Smallmouth bass	0.0001 (0.0002)	0 (0)	0 (0)	0 (0)	5 (10)	0 (0)	0 (0)	5 (10)	NAN (0)	0 (0)	0.0001 (0.0002)	5 (10)
Yellow Perch	0.0700 (0.0275)	157 (96)	545 (702)	428 (301)	456 (326)	727 (491)	575 (445)	2,888 (1,067)	NAN (0)	0 (0)	0.0700 (0.0275)	2,888 (1,067)
Bluegill	0.8877 (0.1985)	5,379 (2,481)	6,725 NAN	6,857 (2,597)	13,312 (5,245)	2,812 (1,241)	1,539 (1,260)	36,623 (6,598)	NAN (0)	0 (0)	0.8877 (0.1985)	36,623 (6,598)
Pumpkinseed	0.0232 (0.0113)	284 (191)	447 (379)	55 (64)	85 (88)	86 (93)	0 (0)	955 (448)	NAN (0)	0 (0)	0.0232 (0.0113)	955 (448)
Rock bass	0.0002 (0.0005)	0 (0)	0 (0)	0 (0)	10 (20)	0 (0)	0 (0)	10 (20)	NAN (0)	0 (0)	0.0002 (0.0005)	10 (20)
Black crappie	0.0371 (0.0202)	550 (503)	83 (129)	259 (335)	491 (495)	141 (157)	8 (12)	1,532 (808)	NAN (0)	0 (0)	0.0371 (0.0202)	1,532 (808)
Brown bullhead	0.0005 (0.0010)	0 (0)	0 (0)	20 (41)	0 (0)	0 (0)	0 (0)	20 (41)	NAN (0)	0 (0)	0.0005 (0.0010)	20 (41)
Green Sunfish	0.0005 (0.0008)	3 (6)	17 (34)	0 (0)	0 (0)	0 (0)	0 (0)	20 (35)	NAN (0)	0 (0)	0.0005 (0.0008)	20 (35)
TOTAL HARVEST	1.0991 (0.2195)	6,585 (2,545)	8,440 NAN	9,184 (2,810)	14,975 (5,292)	3,971 (1,354)	2,191 (1,338)	45,345 (6,783)	NAN (0.0000)	0 (0)	1.0991 NAN	45,345 NAN
RELEASED												
Northern pike	0.0019 (0.0023)	0 (0)	0 (0)	0 (0)	58 (91)	22 (33)	0 (0)	80 (96)	NAN (0)	0 (0)	0.0019 (0.0023)	80 (96)
Largemouth bass	0.2786 (0.0734)	1,424 (645)	2,118 (1,070)	4,182 (1,803)	1,876 (1,142)	1,259 (671)	635 (529)	11,493 (2,617)	NAN (0)	0 (0)	0.2786 (0.0734)	11,493 (2,617)
Smallmouth bass	0.0031 (0.0036)	0 (0)	8 (16)	81 (132)	0 (0)	38 (61)	0 (0)	127 (146)	NAN (0)	0 (0)	0.0031 (0.0036)	127 (146)
Yellow Perch	0.0346 (0.0167)	18 (31)	46 (54)	146 (140)	166 (170)	570 (423)	480 (455)	1,426 (662)	NAN (0)	0 (0)	0.0346 (0.0167)	1,426 (662)
Bluegill	0.5298 (0.1155)	5,210 (2,694)	3,185 NAN	4,287 (1,983)	4,555 NAN	3,013 (1,396)	1,608 (1,093)	21,857 (3,786)	NAN (0)	0 (0)	0.5298 (0.1155)	21,857 (3,786)
Pumpkinseed	0.0144 (0.0085)	453 (340)	93 NAN	11 NAN	34 (44)	2 (3)	0 (0)	593 (343)	NAN (0)	0 (0)	0.0144 (0.0085)	593 (343)

Rock bass	0.0017	0	0	32	20	16	0	68	NAN	0	0.0017	68
	(0.0019)	(0)	(0)	(63)	(30)	(36)	(0)	(79)	(0)	(0)	(0.0019)	(79)
Black crappie	0.0256	857	28	96	54	19	0	1,054	NAN	0	0.0256	1,054
	(0.0272)	(1,107)	(45)	(93)	(65)	(29)	(0)	(1,114)	(0)	(0)	(0.0272)	(1,114)
Common white sucker	0.0025	105	0	0	0	0	0	105	NAN	0	0.0025	105
	(0.0051)	(209)	(0)	(0)	(0)	(0)	(0)	(209)	(0)	(0)	(0.0051)	(209)
Brown bullhead	0.0012	0	0	0	0	51	0	51	NAN	0	0.0012	51
	(0.0022)	(0)	(0)	(0)	(0)	(91)	(0)	(91)	(0)	(0)	(0.0022)	(91)
Channel catfish	0.0004	0	16	0	0	0	0	16	NAN	0	0.0004	16
	(0.0008)	(0)	(32)	(0)	(0)	(0)	(0)	(32)	(0)	(0)	(0.0008)	(32)
Muskellunge	0.0004	0	0	0	17	0	0	17	NAN	0	0.0004	17
	(0.0008)	(0)	(0)	(0)	(34)	(0)	(0)	(34)	(0)	(0)	(0.0008)	(34)
Green Sunfish	0.0023	0	88	7	0	0	0	95	NAN	0	0.0023	95
	(0.0004)	(0)	NAN	(14)	(0)	(0)	(0)	(14)	(0)	(0)	(0.0004)	(14)
TOTAL RELEASED	0.8963	8,066	5,582	8,841	6,782	4,988	2,723	36,981	NAN	0	0.8963	36,981
	(0.1480)	(3,010)	NAN	NAN	NAN	(1,611)	(1,297)	(3,652)	(0.0000)	(0)	NAN	NAN
TOTAL CATCH	1.9954	14,652	14,021	18,024	21,756	8,959	4,914	82,326	NAN	0	1.9954	82,326
	(0.3235)	(3,942)	NAN	NAN	NAN	(2,104)	(1,863)	(7,703)	(0)	(0)	NAN	NAN
ANGLER HOURS		5,720	9,631	9,675	8,924	5,145	2,163	41,257		0		41,257
		(1,650)	(3,347)	(2,495)	(2,549)	(1,556)	(876)	(5,462)		(0)		(5,462)
ANGLER TRIPS		1,385	1,968	3,240	2,472	1,684	553	11,302		0		11,302
		(504)	(880)	(1,082)	(741)	(602)	(311)	(1,791)		(0)		(1,791)