

ILLINOIS NATURAL HISTORY SURVEY
 CENTER FOR AQUATIC ECOLOGY
 1996 CREEL SURVEY RESULTS

1996 MONEE RESERVOIR
 46 ACRES
 REGION 2, DISTRICT 10

STRATIFICATION SUMMARY:

Day creel only.
 Results cover 03/15/1996 through 06/15/1996
 Year periods stratified.
 Fishing modes (boat vs. shore) stratified.
 Day types (weekday vs. weekend/holiday) stratified.
 Day periods (morning, midday, and afternoon) stratified.

SAMPLING RATIO: 57/279 = 20.4%

NUMBER OF INTERVIEWS: 574

Table 1. Total fishing effort, by fishing mode and day type.

FISHING MODE	DAYTYPE	ANGLER-HOURS	95% CI	HOURS/ACRE	95% CI	% EFF
BOAT	WEEKDAY	454	260-648 (43%)	10	6-14 (43%)	38%
	HOLIDAY	937	621-1254 (34%)	20	14-27 (34%)	48%
	TOTAL	1392	1043-1741 (25%)	30	23-38 (25%)	45%
SHORE	WEEKDAY	2560	1921-3199 (25%)	56	42-70 (25%)	34%
	HOLIDAY	3015	2183-3847 (28%)	66	47-84 (28%)	48%
	TOTAL	5575	4569-6580 (18%)	121	99-143 (18%)	42%
BOAT & SHORE	WEEKDAY	3014	2355-3673 (22%)	66	51-80 (22%)	35%
	HOLIDAY	3953	3088-4817 (22%)	86	67-105 (22%)	48%
	TOTAL	6966	5957-7976 (14%)	151	129-173 (14%)	42%

Table 2. Total fishing harvest and harvest rates, in numbers of fish.

# HARVESTED	95% CI	#/HOUR	95% CI	#/HA	#/ACRE	SPECIES
276	105-447 (62%)	.009	.004-.013 (52%)	14.83	6.00	All species
		**** NOT RECORDED ****				Black bullhead
57	0-114 (101%)	.002	.000-.004 (118%)	3.05	1.23	Black crappie
48	3-93 (93%)	.001	.000-.002 (100%)	2.57	1.04	Bluegill
157	26-289 (83%)	.005	.002-.009 (67%)	8.46	3.42	Channel catfish
11	0-26 (123%)	.001	.000-.002 (123%)	0.62	0.25	Largemouth bass
		**** NOT RECORDED ****				Northern pike
2	0-13 (430%)	.000	.000-.001 (318%)	0.13	0.05	Warmouth

Table 3. Total fishing harvest and harvest rates, in kilograms.

KG HARVESTED	95% CI	KG/HOUR	95% CI	KG/HA	AVE KG	SPECIES
89	42-137 (53%)	.004	.002-.006 (53%)	4.80	0.324	All species
		**** NOT RECORDED ****				Black bullhead
6	0-15 (132%)	.000	.000-.001 (156%)	0.34	0.112	Black crappie
5	0-9 (96%)	.000	.000-.000 (105%)	0.25	0.099	Bluegill
71	27-115 (62%)	.003	.001-.005 (56%)	3.80	0.450	Channel catfish
8	0-17 (119%)	.001	.000-.001 (154%)	0.41	0.693	Largemouth bass
		**** NOT RECORDED ****				Northern pike
0	0-1 (430%)	.000	.000-.000 (430%)	0.01	0.079	Warmouth

Table 4. Total fishing harvest and harvest rates, in pounds.

LB HARVESTED	95% CI	LB/HOUR	95% CI	LB/ACRE	AVE LB	SPECIES
197	92-302 (53%)	.008	.004-.013 (53%)	4.28	0.714	All species
		**** NOT RECORDED ****				Black bullhead
14	0-32 (132%)	.000	.000-.001 (156%)	0.30	0.248	Black crappie
10	0-20 (96%)	.000	.000-.000 (105%)	0.22	0.218	Bluegill
156	59-253 (62%)	.006	.003-.010 (56%)	3.39	0.993	Channel catfish
17	0-37 (119%)	.001	.000-.003 (154%)	0.37	1.527	Largemouth bass
		**** NOT RECORDED ****				Northern pike
0	0-1 (318%)	.000	.000-.000 (318%)	0.01	0.174	Warmouth

Table 5. Total fishing catch and catch rates, in numbers of fish.
 Catch includes both harvested and released fish.

# CAUGHT	95% CI		#/HOUR	95% CI	#/HA	#/ACRE	SPECIES
954	626-1282	(34%)	.035	.022-.048 (38%)	51.25	20.74	All species
1	0-4	(278%)	.000	.000-.000 (318%)	0.05	0.02	Black bullhead
57	0-114	(101%)	.002	.000-.004 (118%)	3.05	1.23	Black crappie
48	3-93	(93%)	.001	.000-.002 (100%)	2.57	1.04	Bluegill
527	284-771	(46%)	.019	.010-.028 (49%)	28.33	11.46	Channel catfish
317	214-419	(32%)	.012	.006-.018 (48%)	17.03	6.89	Largemouth bass
2	0-23	(1271%)	.000	.000-.001 (430%)	0.09	0.04	Northern pike
2	0-13	(430%)	.000	.000-.001 (318%)	0.13	0.05	Warmouth

Table 6. Total fishing catch and catch rates, in kilograms.

KG CAUGHT	95% CI		KG/HOUR	95% CI	KG/HA	AVE KG	SPECIES
229	149-309	(35%)	.010	.006-.014 (41%)	12.30	0.240	All species
0	0-2	(318%)	.000	.000-.000 (318%)	0.02	0.428	Black bullhead
6	0-15	(132%)	.000	.000-.001 (156%)	0.34	0.112	Black crappie
5	0-9	(96%)	.000	.000-.000 (105%)	0.25	0.099	Bluegill
140	75-205	(46%)	.006	.003-.009 (50%)	7.54	0.266	Channel catfish
77	49-105	(36%)	.004	.002-.006 (53%)	4.12	0.243	Largemouth bass
0	0-4	(1271%)	.000	.000-.000 (430%)	0.02	0.295	Northern pike
0	0-1	(430%)	.000	.000-.000 (430%)	0.01	0.079	Warmouth

Table 7. Total fishing catch and catch rates, in pounds.

LB CAUGHT	95% CI		LB/HOUR	95% CI	LB/ACRE	AVE LB	SPECIES
505	328-682	(35%)	.023	.013-.032 (41%)	10.97	0.529	All species
1	0-4	(278%)	.000	.000-.000 (318%)	0.02	0.944	Black bullhead
14	0-32	(132%)	.000	.000-.001 (156%)	0.30	0.248	Black crappie
10	0-20	(96%)	.000	.000-.000 (105%)	0.22	0.218	Bluegill
310	166-453	(46%)	.014	.007-.021 (50%)	6.73	0.587	Channel catfish
169	108-231	(36%)	.008	.004-.012 (53%)	3.68	0.536	Largemouth bass
1	0-3	(430%)	.000	.000-.001 (1271%)	0.01	0.650	Northern pike
0	0-1	(318%)	.000	.000-.000 (318%)	0.01	0.174	Warmouth

