

ILLINOIS NATURAL HISTORY SURVEY
 CENTER FOR AQUATIC ECOLOGY
 1998 CREEL SURVEY RESULTS

1998 EVERGREEN
 925 ACRES
 REGION 3, DISTRICT 10

STRATIFICATION SUMMARY:

Day creel only.
 Results cover 03/15/1998 through 10/31/1998
 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: 328/693 = 47.3%

NUMBER OF INTERVIEWS: 1980

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	29428	25757-33099 (12%)	32	28-36 (12%)	10%
	HOLIDAY	39618	34406-44830 (13%)	43	37-48 (13%)	16%
	TOTAL	69046	62671-75421 (9%)	75	68-82 (9%)	13%
SHORE	WEEKDAY	11411	9656-13165 (15%)	12	10-14 (15%)	3%
	HOLIDAY	16259	13399-19120 (18%)	18	14-21 (18%)	4%
	TOTAL	27670	24314-31026 (12%)	30	26-34 (12%)	4%
BOAT & SHORE	WEEKDAY	40839	36770-44908 (10%)	44	40-49 (10%)	8%
	HOLIDAY	55877	49931-61822 (11%)	60	54-67 (11%)	13%
	TOTAL	96716	89511-103920 (7%)	105	97-112 (7%)	11%

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

# HARVESTED	95% CI	#/HOUR	95% CI	#/HA	#/ACRE	SPECIES
23076	17730-28422 (23%)	.202	.147-.257 (27%)	61.64	24.95	All species
168	0-375 (123%)	.002	.000-.005 (111%)	0.45	0.18	Black bullhead
1472	782-2162 (47%)	.011	.004-.017 (59%)	3.93	1.59	Black crappie
6191	3673-8709 (41%)	.050	.021-.079 (58%)	16.54	6.69	Bluegill
78	0-186 (137%)	.000	.000-.001 (132%)	0.21	0.08	Brown bullhead
5	0-17 (245%)	.000	.000-.000 (236%)	0.01	0.01	Carp
112	14-211 (88%)	.001	.000-.001 (85%)	0.30	0.12	Channel catfish
		****	NOT RECORDED ****			Flathead
catfish						
132	0-306 (131%)	.002	.000-.004 (120%)	0.35	0.14	Freshwater drum
1	0-3 (236%)	.000	.000-.000 (245%)	0.00	0.00	Green sunfish
276	134-417 (51%)	.003	.000-.005 (86%)	0.74	0.30	Largemouth bass
		****	NOT RECORDED ****			Muskellunge
6	0-19 (236%)	.000	.000-.000 (245%)	0.01	0.01	Smallmouth bass
32	0-72 (130%)	.001	.000-.002 (159%)	0.08	0.03	White bass
4883	3718-6048 (24%)	.041	.021-.061 (48%)	13.04	5.28	White crappie
2309	1046-3571 (55%)	.013	.005-.021 (60%)	6.17	2.50	Walleye x
Sauger hy						
348	0-701 (102%)	.003	.000-.006 (88%)	0.93	0.38	Yellow bullhead
7065	3963-10167 (44%)	.076	.035-.117 (54%)	18.87	7.64	Yellow bass

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

KG HARVESTED	95% CI	KG/HOUR	95% CI	KG/HA	AVE KG	SPECIES
5466	4286-6645 (22%)	.045	.033-.057 (28%)	14.60	0.237	All species
83	0-193 (134%)	.001	.000-.002 (103%)	0.22	0.494	Black bullhead
422	222-622 (47%)	.003	.001-.004 (47%)	1.13	0.287	Black crappie
513	312-713 (39%)	.003	.002-.005 (42%)	1.37	0.083	Bluegill
21	0-55 (159%)	.000	.000-.000 (135%)	0.06	0.275	Brown bullhead
1	0-3 (245%)	.000	.000-.000 (236%)	0.00	0.203	Carp
128	36-220 (72%)	.001	.000-.001 (81%)	0.34	1.143	Channel catfish
		****	NOT RECORDED ****			Flathead
catfish						
33	0-87 (166%)					