

MICHIGAN DEPARTMENT OF NATURAL RESOURCES
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RESIDENCE OF LICENSED FISHERMEN IN MICHIGAN, 1978.
by Gale C. Jansen and Dennis H. Burck

Estimates presented in Tables 1-6 are derived from a representative sample of 35,161 fishing licenseholders.

Total sales by fishing license type represent those (nearly 100%) reported sold through January 31, 1979.

Sportsman and Senior Sportsman licenses issued in 1977 serve as 1978 fishing licenses.

A contribution of Federal Aid in Fisheries and Wildlife Restoration, Michigan Project FW-3-R.

TABLE 1. ESTIMATED MICHIGAN RESIDENT FISHING LICENSEHOLDERS BY RESIDENCE - REGION I (UPPER PENINSULA)

COUNTY OF RESIDENCE	L I C E N S E T Y P E						TOTAL
	1978 RESIDENT	1977 SPORTSMANS	1978 DAILY	1977 SENIOR SPDRYSHANS	1978 SENIJR RESIDENT		
Alger	1,085 (0.15X)	978 (0.52X)	92 (0.25X)	0	195 (0.21X)	2,350 (0.17X)	
Baraga	434 (0.06X)	460 (0.24X)	46 (0.12X)	222 (0.87X)	195 (0.21X)	1,357 (0.10X)	
Chippewa	2,822 (0.39X)	1,151 (0.61X)	92 (0.25X)	74 (0.29X)	244 (0.26X)	4,383 (0.32X)	
Delta	4,428 (0.61X)	3,338 (1.76X)	366 (0.98X)	517 (2.02X)	831 (0.88X)	9,480 (0.69X)	
Dickinson	1,910 (0.26X)	403 (0.21X)	0	443 (1.73X)	489 (0.52X)	3,245 (0.24X)	
Gogebic	1,954 (0.27X)	978 (0.52X)	366 (0.98X)	148 (0.58X)	443 (0.46X)	3,886 (0.28X)	
Houghton	3,473 (0.48X)	921 (0.49X)	183 (0.49X)	443 (1.73X)	1,025 (1.08X)	6,046 (0.44X)	
Iron	1,737 (0.24X)	1,094 (0.58X)	137 (0.37X)	222 (0.87X)	443 (0.46X)	3,630 (0.26X)	
Keweenaw	434 (0.06X)	0	46 (0.12X)	74 (0.29X)	3	554 (0.04X)	
Luce	608 (0.08X)	460 (0.24X)	0	148 (0.58X)	147 (0.16X)	1,363 (0.10X)	
Mackinac	1,302 (0.18X)	863 (0.46X)	46 (0.12X)	369 (1.44X)	147 (0.16X)	2,727 (0.20X)	
Marquette	6,903 (0.95X)	4,259 (2.25X)	412 (1.10X)	443 (1.73X)	635 (0.67X)	12,652 (0.92X)	
Menominee	2,779 (0.38X)	1,554 (0.82X)	183 (0.49X)	443 (1.73X)	443 (0.46X)	5,399 (0.39X)	
Ontonagon	999 (0.14X)	691 (0.36X)	137 (0.37X)	74 (0.29X)	342 (0.36X)	2,243 (0.16X)	
Schoolcraft	912 (0.13X)	633 (0.33X)	46 (0.12X)	0	195 (0.21X)	1,786 (0.13X)	
REGION I	31,780 (4.36X)	17,783 (9.39X)	2,152 (5.77X)	3,620 (14.13X)	5,765 (6.09X)	61,101 (4.45X)	

TABLE 2. ESTIMATED MICHIGAN RESIDENT FISHING LICENSEHOLDERS BY RESIDENCE - REGION II (NORTHERN LOWER PENINSULA)

COUNTY OF RESIDENCE	L I C E N S E T Y P E						TOTAL
	1978 RESIDENT	1977 SPORTSMANS	1978 DAILY	1977 SENIOR SPORTSMANS	1978 SENIOR RESIDENT		
Alcona	1,172 (0.16X)	921 (0.49X)	46 (0.12X)	222 (0.87X)	391 (0.41X)	2,752 (0.20X)	
Alpena	3,864 (0.53X)	1,899 (1.00X)	183 (0.49X)	222 (0.87X)	443 (0.46X)	6,608 (0.48X)	
Antrim	1,433 (0.20X)	576 (0.30X)	92 (0.25X)	222 (0.87X)	537 (0.57X)	2,860 (0.21X)	
Arenac	1,216 (0.17X)	921 (0.49X)	0	74 (0.29X)	443 (0.46X)	2,651 (0.19X)	
Bay	13,285 (1.82X)	3,856 (2.04X)	870 (2.33X)	295 (1.15X)	1,417 (1.50X)	19,723 (1.44X)	
Benzie	1,259 (0.17X)	518 (0.27X)	46 (0.12X)	74 (0.29X)	489 (0.52X)	2,386 (0.17X)	
Charlevoix	2,431 (0.33X)	1,151 (0.61X)	92 (0.25X)	74 (0.29X)	537 (0.57X)	4,285 (0.31X)	
Cheboygan	1,997 (0.27X)	1,036 (0.55X)	0	74 (0.29X)	391 (0.41X)	3,498 (0.25X)	
Clare	3,473 (0.48X)	1,266 (0.67X)	92 (0.25X)	74 (0.29X)	489 (0.52X)	5,394 (0.39X)	
Crawford	1,129 (0.15X)	576 (0.30X)	92 (0.25X)	148 (0.58X)	293 (0.31X)	2,238 (0.16X)	
Emmet	2,127 (0.29X)	921 (0.49X)	91 (0.24X)	148 (0.58X)	585 (0.62X)	3,873 (0.28X)	
Gladwin	2,171 (0.30X)	1,381 (0.73X)	91 (0.24X)	591 (2.31X)	489 (0.52X)	4,723 (0.34X)	
Gd. Traverse	6,512 (0.89X)	2,245 (1.18X)	595 (1.59X)	222 (0.87X)	1,075 (1.14X)	10,649 (0.78X)	
Iosco	2,692 (0.37X)	1,209 (0.64X)	229 (0.61X)	443 (1.73X)	1,319 (1.39X)	5,892 (0.43X)	
Isabella	2,865 (0.39X)	1,899 (1.00X)	229 (0.61X)	295 (1.15X)	342 (0.36X)	5,630 (0.41X)	
Kalkaska	825 (0.11X)	921 (0.49X)	46 (0.12X)	148 (0.58X)	193 (0.21X)	2,135 (0.16X)	
Lake	825 (0.11X)	403 (0.21X)	46 (0.12X)	74 (0.29X)	489 (0.52X)	1,837 (0.13X)	
Leelanau	1,129 (0.15X)	633 (0.33X)	229 (0.61X)	74 (0.29X)	391 (0.41X)	2,456 (0.18X)	
Manistee	1,867 (0.26X)	1,151 (0.61X)	91 (0.24X)	295 (1.15X)	537 (0.57X)	3,941 (0.29X)	
Hason	2,562 (0.35X)	1,669 (0.88X)	91 (0.24X)	221 (0.86X)	684 (0.72X)	5,227 (0.38X)	
Hecosta	2,605 (0.36X)	1,439 (0.76X)	183 (0.49X)	295 (1.15X)	635 (0.67X)	5,157 (0.38X)	
Midland	7,164 (0.98X)	3,338 (1.76X)	549 (1.47X)	295 (1.15X)	585 (0.62X)	11,932 (0.87X)	
Missaukee	781 (0.11X)	633 (0.33X)	0	74 (0.29X)	95 (0.10X)	1,586 (0.12X)	
Nontorency	651 (0.09X)	576 (0.30X)	46 (0.12X)	74 (0.29X)	489 (0.52X)	1,836 (0.13X)	
Newaygo	3,213 (0.44X)	1,554 (0.82X)	91 (0.24X)	443 (1.73X)	684 (0.72X)	5,985 (0.44X)	
Oceana	1,563 (0.21X)	1,094 (0.58X)	0	74 (0.29X)	342 (0.36X)	3,073 (0.22X)	
Ogemaw	1,389 (0.19X)	978 (0.52X)	46 (0.12X)	443 (1.73X)	391 (0.41X)	3,247 (0.24X)	
Osceola	2,041 (0.28X)	1,496 (0.79X)	0	221 (0.86X)	684 (0.72X)	4,442 (0.32X)	
Oscoda	608 (0.08X)	345 (0.18X)	46 (0.12X)	221 (0.86X)	244 (0.26X)	1,464 (0.11X)	
Otsego	1,476 (0.20X)	806 (0.43X)	91 (0.24X)	369 (1.44X)	244 (0.26X)	2,986 (0.22X)	
Presque Isle	1,693 (0.23X)	921 (0.49X)	0	74 (0.29X)	293 (0.31X)	2,981 (0.22X)	
Roscommon	3,473 (0.48X)	1,324 (0.70X)	275 (0.74X)	295 (1.15X)	879 (0.93X)	6,246 (0.45X)	
Wexford	2,562 (0.35X)	1,381 (0.73X)	137 (0.37X)	221 (0.86X)	684 (0.72X)	4,985 (0.36X)	
REGION II	84,053 (11.53X)	41,037 (21.66X)	4,715 (12.64X)	7,089 (27.66X)	17,784 (18.78X)	154,678 (11.26X)	

TABLE 3. ESTIMATED MICHIGAN RESIDENT FISHING LICENSEHOLDERS BY RESIDENCE - REGION III (SOUTHERN LOWER PENINSULA)

COUNTY OF RESIDENCE	L I C E N S E T Y P E						TOTAL
	1978 RESIDENT	1977 SPORTSMANS	1978 DAILY	1977 SENIOR SPORTSMANS	1978 SENIOR RESIDENT		
Allegan	6,947 (0.95X)	2,245 (1.18X)	320 (0.86X)	148 (0.58X)	977 (1.03X)	10,637 (0.77X)	
Barry	4,559 (0.63X)	1,496 (0.79X)	92 (0.25X)	148 (0.58X)	1,124 (1.19X)	7,419 (0.54X)	
Berrien	16,411 (2.25X)	3,799 (2.00X)	1,831 (4.91X)	591 (2.31X)	2,785 (2.94X)	25,417 (1.85X)	
Branch	4,689 (0.64X)	1,266 (0.67X)	137 (0.37X)	74 (0.29X)	733 (0.77X)	6,899 (0.50X)	
Calhoun	13,937 (1.91X)	1,554 (0.82X)	320 (0.86X)	443 (1.73X)	1,857 (1.96X)	18,111 (1.32X)	
Cass	5,384 (0.74X)	921 (0.49X)	229 (0.61X)	0	782 (0.83X)	7,316 (0.53X)	
Clinton	4,776 (0.66X)	1,899 (1.00X)	46 (0.12X)	148 (0.58X)	443 (0.46X)	7,309 (0.53X)	
Eaton	6,512 (0.89X)	2,360 (1.25X)	183 (0.49X)	148 (0.58X)	883 (0.93X)	10,083 (0.73X)	
Genesee	42,070 (5.77X)	8,518 (4.50X)	1,922 (5.15X)	738 (2.88X)	3,811 (4.02X)	57,059 (4.15X)	
Gratiot	3,517 (0.48X)	1,727 (0.91X)	46 (0.12X)	295 (1.15X)	684 (0.72X)	6,269 (0.46X)	
Hillsdale	3,821 (0.52X)	1,094 (0.58X)	183 (0.49X)	74 (0.29X)	585 (0.62X)	5,758 (0.42X)	
Huron	3,517 (0.48X)	1,439 (0.76X)	46 (0.12X)	74 (0.29X)	929 (0.98X)	6,034 (0.44X)	
Ingham	22,794 (3.13X)	4,892 (2.58X)	1,236 (3.31X)	665 (2.60X)	2,443 (2.58X)	32,030 (2.33X)	
Ionia	4,602 (0.63X)	1,842 (0.97X)	275 (0.74X)	295 (1.15X)	883 (0.93X)	7,894 (0.57X)	
Jackson	11,809 (1.62X)	2,130 (1.12X)	229 (0.61X)	369 (1.44X)	1,808 (1.91X)	16,345 (1.19X)	
Kalamazoo	23,666 (3.23X)	3,281 (1.73X)	961 (2.58X)	443 (1.73X)	2,394 (2.53X)	27,745 (2.02X)	
Kent	41,767 (5.73X)	10,015 (5.29X)	1,785 (4.78X)	812 (3.17X)	5,375 (5.68X)	59,754 (4.35X)	
Lapeer	5,688 (0.78X)	2,015 (1.06X)	183 (0.49X)	222 (0.87X)	635 (0.67X)	8,743 (0.64X)	
Lenawee	7,164 (0.98X)	1,957 (1.03X)	275 (0.74X)	222 (0.87X)	1,417 (1.50X)	11,035 (0.80X)	
Livingston	6,035 (0.83X)	1,554 (0.82X)	458 (1.23X)	222 (0.87X)	489 (0.52X)	8,758 (0.64X)	
Macomb	52,447 (7.19X)	8,864 (4.68X)	2,518 (6.75X)	517 (2.02X)	3,323 (3.51X)	67,669 (4.93X)	
Monroe	12,938 (1.77X)	2,533 (1.34X)	412 (1.10X)	221 (0.86X)	1,124 (1.19X)	17,228 (1.25X)	
Montcalm	5,731 (0.79X)	2,878 (1.52X)	183 (0.49X)	591 (2.31X)	929 (0.98X)	10,311 (0.75X)	
Muskegon	16,802 (2.30X)	4,892 (2.58X)	412 (1.10X)	369 (1.44X)	2,345 (2.48X)	24,820 (1.81X)	
Oakland	55,226 (7.58X)	11,339 (5.98X)	4,394 (11.78X)	1,108 (4.32X)	5,521 (5.83X)	77,588 (5.65X)	
Ottawa	15,977 (2.19X)	4,720 (2.49X)	641 (1.72X)	443 (1.73X)	2,199 (2.32X)	23,980 (1.75X)	
Saginaw	23,792 (3.26X)	5,641 (2.98X)	732 (1.96X)	738 (2.88X)	2,883 (3.04X)	33,786 (2.46X)	
St. Clair	11,158 (1.53X)	3,281 (1.73X)	275 (0.74X)	221 (0.86X)	2,003 (2.12X)	16,938 (1.23X)	
St. Joseph	7,945 (1.09X)	1,899 (1.00X)	183 (0.49X)	295 (1.15X)	1,564 (1.65X)	11,886 (0.87X)	
Sanilac	2,344 (0.32X)	978 (0.52X)	46 (0.12X)	74 (0.29X)	585 (0.62X)	4,028 (0.29X)	
Shiawassee	9,421 (1.29X)	2,993 (1.58X)	183 (0.49X)	295 (1.15X)	537 (0.57X)	13,429 (0.98X)	
Tuscola	5,816 (0.79X)	3,166 (1.67X)	229 (0.61X)	221 (0.86X)	537 (0.57X)	10,969 (0.80X)	
Van Buren	6,643 (0.91X)	1,036 (0.55X)	503 (1.35X)	369 (1.44X)	1,661 (1.75X)	10,212 (0.74X)	
Washtenaw	15,760 (2.16X)	2,993 (1.58X)	1,144 (3.07X)	517 (2.02X)	977 (1.03X)	21,391 (1.56X)	
Wayne	133,462 (18.31X)	17,440 (9.20X)	7,827 (20.98X)	2,806 (10.95X)	13,925 (14.71X)	175,460 (12.78X)	
REGION III	613,127 (84.11X)	130,657 (68.96X)	30,439 (81.59X)	14,916 (58.21X)	71,141 (75.13X)	860,280 (62.64X)	
STATE TOTAL	728,960	189,477	37,306	25,625	94,691	1,373,280	

TABLE 4. ESTIMATED FISHING LICENSEHOLDERS BY RESIDENCE - 1978 DAILY LICENSES

RESIDENCE	ESTIMATED SALES		RESIDENCE	ESTIMATED SALES	
Ohio	49,590	23.57 X	Georgia	544	0.23 X
Indiana	46,553	19.31 X	South Carolina	544	0.23 X
Illinois	42,201	17.50 X	Colorado	453	0.19 X
MICHIGAN	37,306	15.47 X	Mississippi	363	0.15 X
Wisconsin	17,996	7.46 X	Alabama	317	0.13 X
Pennsylvania	6,255	2.59 X	Connecticut	317	0.13 X
Minnesota	4,170	1.73 X	Nebraska	317	0.13 X
Florida	4,080	1.69 X	Louisiana	272	0.11 X
California	3,672	1.52 X	South Dakota	227	0.09 X
New York	2,629	1.09 X	New Mexico	181	0.08 X
Kentucky	2,448	1.02 X	Delaware	136	0.06 X
Missouri	2,312	0.96 X	Idaho	136	0.06 X
Texas	2,130	0.88 X	Utah	136	0.06 X
Iowa	1,994	0.83 X	West Germany	136	0.06 X
Ontario	1,722	0.71 X	New Hampshire	91	0.04 X
Tennessee	1,541	0.64 X	Rhode Island	91	0.04 X
West Virginia	1,315	0.55 X	Wyoming	91	0.04 X
New Jersey	1,043	0.43 X	Quebec	91	0.04 X
Maryland	952	0.39 X	Japan	91	0.04 X
Washington	907	0.38 X	Alaska	45	0.02 X
Arkansas	771	0.32 X	Montana	45	0.02 X
Kansas	771	0.32 X	Vermont	45	0.02 X
North Carolina	771	0.32 X	Alberta	45	0.02 X
Virginia	680	0.28 X	Denmark	45	0.02 X
Arizona	589	0.24 X	England	45	0.02 X
Massachusetts	589	0.24 X	Finland	45	0.02 X
Oklahoma	589	0.24 X	Holland	45	0.02 X
Oregon	589	0.24 X	Puerto Rico	45	0.02 X
			TOTAL	241,104	100.00 X

TABLE 5. ESTIMATED FISHING LICENSEHOLDERS BY RESIDENCE - 1978 ANNUAL NON-RESIDENT LICENSES

RESIDENCE	ESTIMATED SALES		RESIDENCE	ESTIMATED SALES	
Ohio	22,870	24.48 X	Massachusetts	272	0.29 X
Indiana	21,469	22.98 X	Oklahoma	272	0.29 X
Illinois	19,462	20.83 X	Oregon	272	0.29 X
Wisconsin	8,299	8.88 X	Georgia	251	0.27 X
Pennsylvania	2,885	3.09 X	South Carolina	251	0.27 X
Minnesota	1,923	2.06 X	Colorado	209	0.22 X
Florida	1,881	2.01 X	Mississippi	167	0.18 X
California	1,693	1.81 X	Alabama	146	0.16 X
New York	1,212	1.30 X	Connecticut	146	0.16 X
Kentucky	1,129	1.21 X	Nebraska	146	0.16 X
Missouri	1,066	1.14 X	Louisiana	125	0.13 X
Texas	982	1.05 X	South Dakota	105	0.11 X
Iowa	920	0.98 X	New Mexico	84	0.09 X
Tennessee	711	0.76 X	Delaware	63	0.07 X
West Virginia	606	0.65 X	Idaho	63	0.07 X
New Jersey	481	0.51 X	Utah	63	0.07 X
Ontario	460	0.49 X	New Hampshire	42	0.04 X
Maryland	439	0.47 X	Rhode Island	42	0.04 X
Washington	418	0.45 X	Wyoming	42	0.04 X
Arkansas	355	0.38 X	Alaska	21	0.02 X
Kansas	355	0.38 X	Montana	21	0.02 X
North Carolina	355	0.38 X	Vermont	21	0.02 X
Virginia	314	0.34 X	Saskatchewan	21	0.02 X
Arizona	272	0.29 X	Venezuela	21	0.02 X
			TOTAL	93,423	100.00 X

TABLE 6. SUMMARY OF MICHIGAN FISHING LICENSEHOLDERS FOR CALENDAR YEAR 1978 BY RESIDENCE

RESIDENCE	L I C E N S E T Y P E						TOTAL
	1978 RESIDENT	1978 NON-RESIDENT	1977 SPORTSMANS	1978 DAILY	1977 SENIOR SPORTSMANS	1978 SENIOR RESIDENT	
REGION I (Upper Peninsula)	31,780 (4.36%)	0	17,783 (9.39%)	2,152 (0.89%)	3,620 (14.13%)	5,766 (6.09%)	61,101 (4.45%)
REGION II (Northern Lower Peninsula)	84,053 (11.53%)	0	41,037 (21.66%)	4,715 (1.96%)	7,089 (27.66%)	17,784 (18.78%)	154,678 (11.26%)
REGION III (Southern Lower Peninsula)	613,127 (84.11%)	0	130,657 (68.96%)	30,439 (12.62%)	14,916 (58.21%)	71,141 (75.13%)	860,280 (62.64%)
MICHIGAN RESIDENTS	728,960 (100.00%)	0	189,477 (100.00%)	37,306 (15.47%)	25,625 (100.00%)	94,691 (100.00%)	1,076,059 (78.36%)
NON-RESIDENTS OF MICHIGAN	0	93,423 (100.00%)	0	203,798 (84.53%)	0	0	297,221 (21.64%)
GRAND TOTAL	728,960	93,423	189,477	241,104	25,625	94,691	1,373,280