



Open Water Spearing and Netting in Northern Wisconsin by Chippewa Indians During 2001

by

**Jennifer Krueger
Database Manager**

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**Great Lakes Indian Fish & Wildlife Commission
Biological Services Division
P.O. Box 9
Odanah, WI 54861
(715) 682-6619
www.glifwc.org**

ABSTRACT

The year two-thousand one (2001) marked the seventeenth consecutive spring that spear fishing was conducted by Chippewa tribes in off-reservation waters of northern Wisconsin. A total of 409 tribal members participated in this traditional fishery. Spearing occurred on 149 lakes and walleye were harvested from all except 2 lakes. A total of 23,297 fish were taken with 97.6% of the catch (22,743 fish) being walleye. Numbers of other gamefish harvested were 233 muskellunge, 200 bass, and 32 northern pike. Average lengths were 15.5 inches for walleye and 38.9 inches for muskellunge. The tribal walleye quota was exceeded by a total of 3 fish on two lakes. Except for these two instances, harvest of walleye and muskellunge was maintained within the established limits by a nightly permit system and by complete monitoring of the catch.

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INTRODUCTION

This report presents data for harvest and effort by Chippewa spearers in ceded territory waters of northern Wisconsin (Figure 1) during spring 2001. Since 1989 two other seasonal fisheries have sometimes occurred in off-reservation waters: fall spearing and summer gill-netting. During fall 2001, spearing, gill-netting, and fyke netting occurred; no spearing or netting occurred during summer.

REGULATIONS

Regulations governing the use of spears and nets for harvesting walleye and muskellunge were adopted by each of the six Wisconsin tribes and became permanent in 1989. A listing of the major differences between permanent regulations and negotiated interim rules that governed tribal harvest in 1988 can be found in Kmiecik and Shively (1990).

PERMIT SYSTEM AND MONITORING

The permit system has operated in the same manner since 1988. Permits (Figure 2) were issued at a tribal office during the day or at the designated boat landing at night. The number of permits that could be issued was determined daily by dividing the remaining tribal quota (TQ) for a lake by the nightly bag limit selected for that lake. Lakes were closed to further spearing of walleye and to all netting once the walleye TQ was reached. However, spearing permits could be issued for harvest of other species.

All spearing was monitored by tribal creel clerks under the supervision of Great Lakes Indian Fish and Wildlife Commission (GLIFWC) wardens and biologists. A set of instructions for collecting biological data was provided to creel clerks at a training meeting prior to the season.

During spearing, teams of creel clerks and wardens were assigned to each lake in some areas and only to lakes where permits had been issued in other areas. These teams arrived at the designated boat landing before dark and prepared a work area. Upon return of each boating party, a catch report form was completed. For species other than walleye, all fish were identified, counted, sex determined, and measured. For walleye, all fish were counted. Also, the first 100 walleye plus all those in the last boat were measured and sex determined. In addition, permits were collected and a record made of each person's tribal ID number, the time spearing started and the time it ended.

Harvest and effort for each lake were totaled and reported by 9 a.m. the following day to administrative staff at the GLIFWC office in Odanah. These data were then transmitted to tribal and Wisconsin Department of Natural Resources (WDNR) representatives by 10 a.m. and used to update walleye and muskellunge TQ's. Starting in 1993 all catch report forms were also faxed in daily. Before noon, tribal representatives notified GLIFWC of the lakes and bag limits selected for spearing that night. In turn, these data were transmitted to the WDNR.

Figure 1. Map depicting the ceded territory and tribal lands in northern Wisconsin. Heavy line indicates approximate ceded territory boundary.

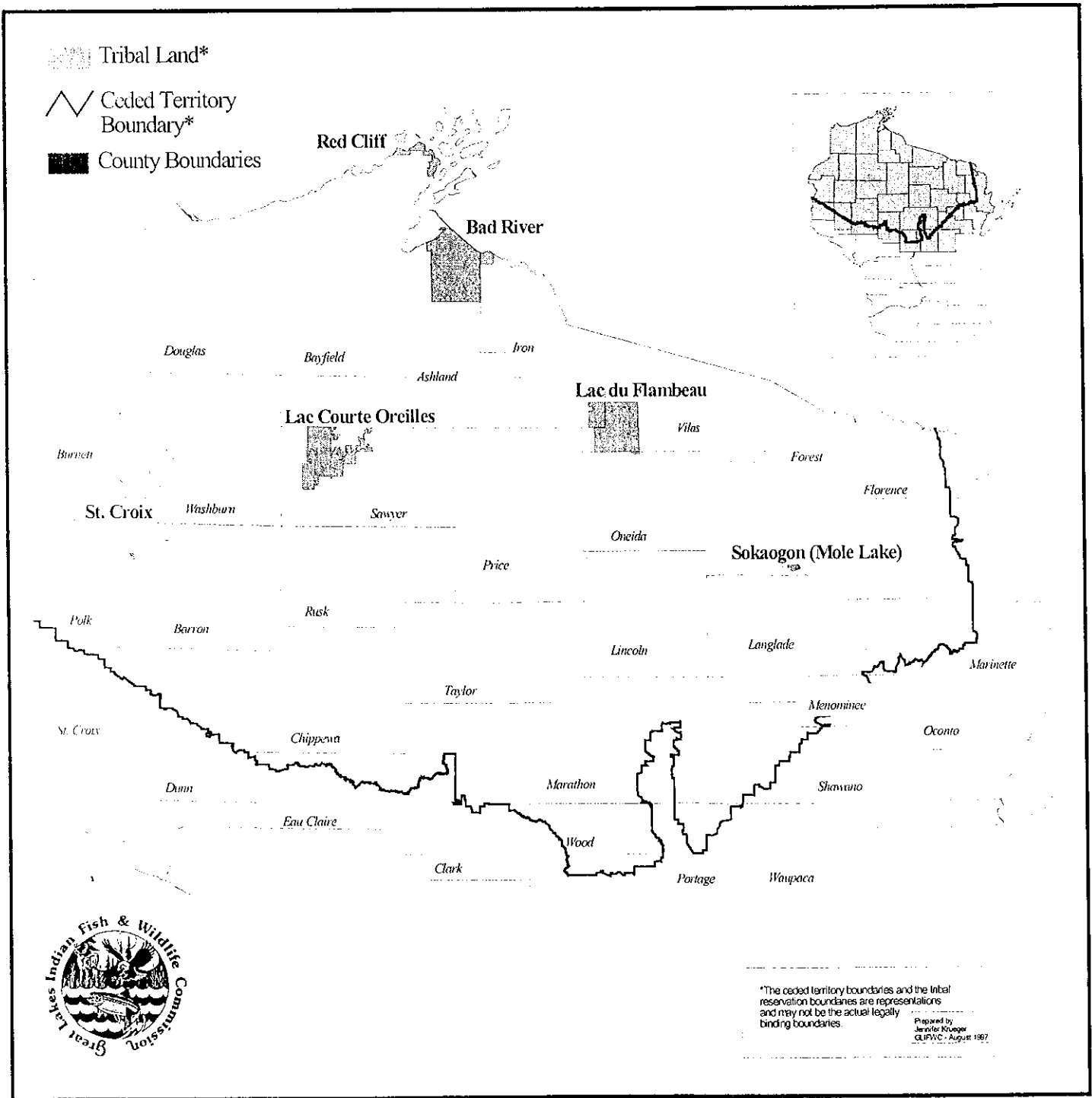


Figure 2 Off-Reservation Treaty Fishing Permit used during the 2001 open-water season.

28	29	30	31	Month _____	1	2	3	4	5
27	Off-Reservation Treaty Fishing Permit <input type="checkbox"/> Spearing <input type="checkbox"/> Fyke Netting No 0250 <input type="checkbox"/> Seining <input type="checkbox"/> Gill Netting								6
26									7
25	Tribal ID Number _____ of _____ Reservation								8
	Signature of Permittee: _____								
24	Issued by: _____ of _____ Reservation								9
23	Water: _____ County: _____								10
	Bag Limit: Walleye _____ Muskellunge _____								
22	Other Restrictions: _____								11
21	20	19	18	17	16	15	14	13	12

FRONT

Spearing Times:		Number of:	
Starting _____		Walleye per boat _____	
Ending _____		Musky per boat _____	
WALLEYE LENGTHS			
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
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BACK

RESULTS AND DISCUSSION

Fishing Effort

As in previous years, effort in the spring spear fishery was measured in three ways: by the number of spearkers, the number of spearker-nights, and the number of boat-hours.

Number of spearkers. All tribal members spearing under permits issued by each tribe were counted as an individual spearker for that tribe regardless of whether the spearker was an enrolled member of the tribe issuing permits. A total of 409 tribal members participated in the 2001 spring spear fishery (Table 1, Figure 3, Appendix A). Compared to 2000 the total number of spearkers decreased by 32 persons or 7%.

Table 1. Number of spearkers on lakes selected by six Wisconsin Chippewa bands during spring spearing from 1986-2001¹.

YEAR	BRV	LCO ²	LDF	MLK	RCF	STC ³	TOTAL:
1986	2	26	119	32		15	194
1987	22	58	206	70		63	419
1988	35	48	200	63	14	66	426
1989	27	30	118	31	23	42	271
1990	46	43	142	46	40	64	381
1991	38	56	137	50	47	65	393
1992	36	41	112	40	52	64	345
1993	34	72	111	55	36	51	359
1994	31	87	134	66	31	70	419
1995	39	68	150	53	44	67	421
1996	25	50	153	54	42	61	385
1997	57	74	139	64	59	62	455
1998	75	85	156	78	51	69	514
1999	44	61	148	66	52	57	428
2000	44	78	151	61	57	50	441
2001	36	67	139	71	55	41	409
PERCENT CHANGE: 2000-2001	-18%	-14%	-8%	+16%	-4%	-18%	-7%

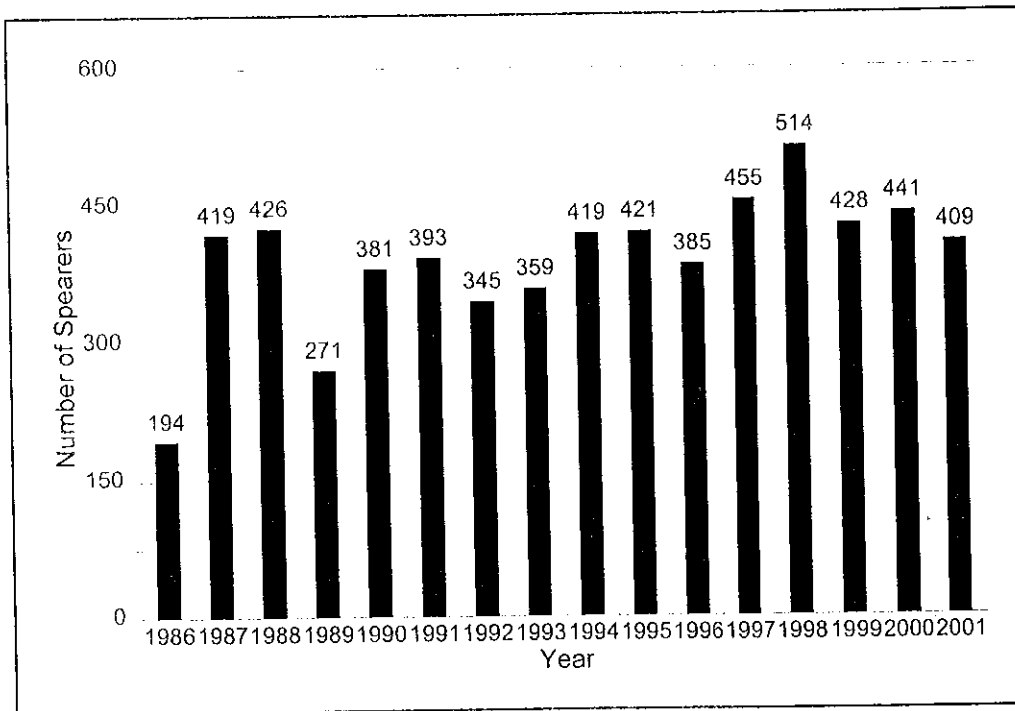
¹Abbreviations for the various bands are: BRV = Bad River, LCO = Lac Courtes Oreilles, LDF = Lac du Flambeau, MLK = Mole Lake, RCF = Red Cliff, and STC = St. Croix.

²Includes members from Mille Lacs tribe: 1 in 1990, 2 in 1991, 1 in 1993, and 3 in 1994.

³Includes members from Mille Lacs tribe: 7 in 1988, 8 in 1989, 11 in 1990, 15 in 1991, 13 in 1992, 4 in 1993, 14 in 1994, 15 in 1995, 16 in 1996, 18 in 1997, 12 in 1998, 2 in 1999, 7 in 2000, and 1 in 2001.

All persons spearing on lakes selected by Lac Courte Oreilles, Lac du Flambeau, and Red Cliff were members of that tribe (67, 139, and 55 persons, respectively). Of the 36 members spearing on lakes selected by Bad River, 2 were members of the Lac du Flambeau tribe. Lakes selected by Mole Lake were also speared by 2 Red Cliff tribal members. Lakes selected by St. Croix were also speared by 2 Bad River members and 1 Mille Lacs member.

Figure 3. Number of spears during spring spearing seasons from 1986-2001.



Number of Spearer-nights or Permits Used. In a previous report (Kmiecik 1991), special clarification was given to the definition of "spearer-nights". It should be understood that the total number of "spearer-nights" is not simply the total number of nights that all tribal members speared, because some individuals speared under more than one permit on a single night. Additional permits have been issued at night at a boat landing on a "first come, first served" basis and only when enough fish remained in the tribal quota for a lake so that other permits could be issued. Persons receiving a second, third, or fourth permit may have speared on the same lake, a different lake, or both the same and a different lake. With this clarification in mind, this effort statistic will continue to be referred to as spearer-nights, but it can also be viewed as a count of the total number of permits used.

Table 2. Number of spearer-nights on lakes selected by six Wisconsin Chippewa bands during spring spearing from 1986-2001.

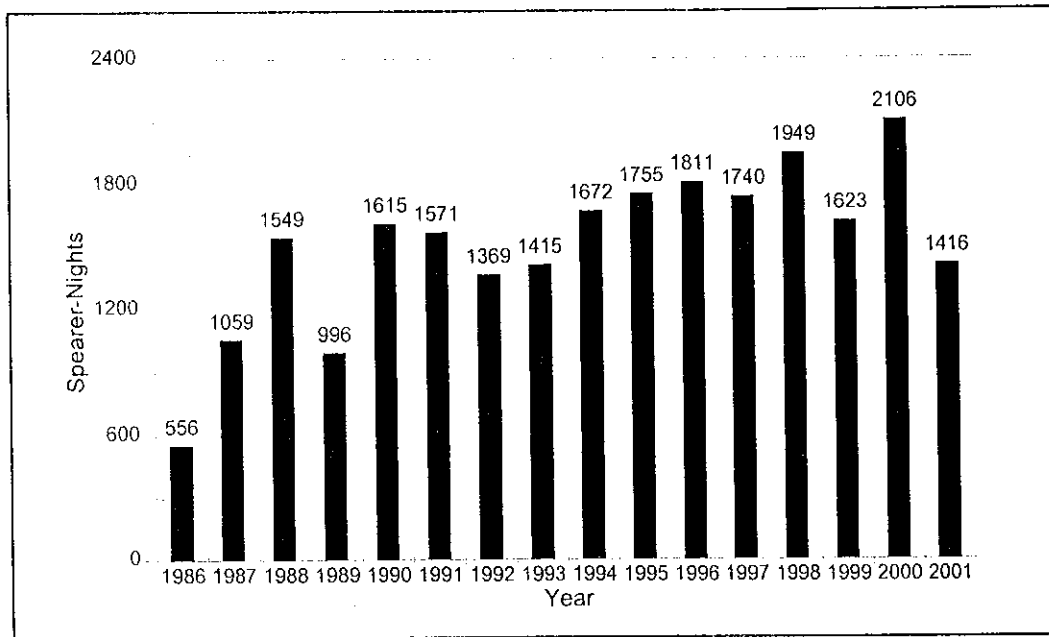
YEAR	BRV	LCO ¹	LDF	MLK	RCE	STC ²	TOTAL:
1986	2	50	382	72		50	556
1987	43	140	695	205		181	1,264
1988	64	165	788	249	37	246	1,549
1989	70	109	429	120	100	168	996
1990	174	116	751	221	124	229	1,615
1991	151	216	605	201	160	238	1,571
1992	140	140	512	177	168	232	1,369
1993	172	218	469	241	144	171	1,415
1994	129	255	700	167	132	289	1,672
1995	164	215	677	241	135	323	1,755
1996	120	215	712	294	119	351	1,811
1997	144	301	554	299	167	275	1,740
1998	172	331	700	307	135	304	1,949
1999	136	282	609	253	131	212	1,623
2000	178	388	774	285	186	295	2,106
2001	105	216	537	214	143	201	1,416
PERCENT CHANGE: 2000-2001	-41%	-44%	-31%	-25%	-23%	-32%	-33%

¹Includes spearer-nights for Mille Lacs tribe: 2 in 1990, 3 in 1991, 1 in 1993, and 6 in 1994.

²Includes spearer-nights for Mille Lacs tribe: 22 in 1988, 29 in 1989, 35 in 1990, 45 in 1991, 53 in 1992, 9 in 1993, 34 in 1994, 59 in 1995, 74 in 1996, 82 in 1997, 22 in 1998, 3 in 1999, 28 in 2000, and 3 in 2001.

A total of 1,416 spearer-nights were recorded during spring 2001 (Table 2, Figure 4, Appendix B). About one-third of this effort (537 spearer-nights) occurred on lakes selected by Lac du Flambeau. Spearer-nights on lakes selected by the other five tribes ranged from 105 at Bad River to 216 at Lac Courte Oreilles. Compared to 2000, effort decreased by 690 spearer-nights or 33%.

Figure 4. Number of spearer-nights during spring spearing seasons from 1986-2001.



Number of Boat-Hours. A total of 1,503 boat-hours of effort was recorded in 2001 (Table 3, Figure 5, Appendix B). Compared to 2000, the number of boat-hours decreased by 25% (489 boat-hours). About one-third of the effort (458 boat-hours or 30%) occurred on lakes selected by Lac du Flambeau. Boat-hours on lakes selected by the other five tribes ranged from 157 at Bad River to 273 at Lac Courte Oreilles.

Table 3. Number of spearer boat-hours on lakes selected by six Wisconsin Chippewa bands during spring spearing from 1986-2001.

Year	BRV ¹	LCO ²	LDF	MLK	RCF	STC ³	Total:
1986	2	53	440	95		78	668
1987	46	163	976	252		280	1,717
1988	173	247	1094	393		334	2,241
1989	135	122	364	155	109	210	1,095
1990	254	151	787	298	181	338	2,008
1991	288	283	704	344	226	444	2,288
1992	206	221	453	218	178	281	1,558
1993	201	290	459	297	164	200	1,611
1994	172	356	743	247	133	381	2,033
1995	163	359	618	298	144	369	1,951
1996	131	304	641	156	105	302	1,639
1997	138	414	472	236	178	298	1,736
1998	220	416	650	345	118	355	2,104
1999	189	368	513	225	128	210	1,633
2000	226	427	570	202	201	366	1,992
2001	157	273	458	214	171	230 ⁴	1,503 ⁴
PERCENT CHANGE: 2000-2001	-20%	-16%	-11%	+10%	-57%	-74%	-22%

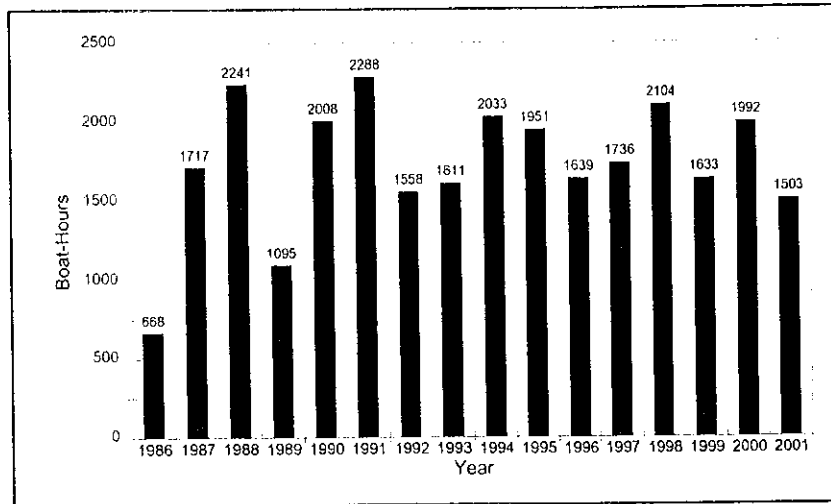
¹Includes Red Cliff boat-hours in 1988.

²Includes effort for Mille Lacs tribe in 1990, 1991, 1993, and 1994.

³Includes effort for Mille Lacs tribe from 1988-2001.

⁴Boat-hour effort for one St. Croix boating party was not recorded, so a time was assigned based on the average length of a spearing trip by St. Croix members. Throughout the report, this adjusted boat-hour total was used.

Figure 5. Number of boat-hours of effort during spring spearing seasons from 1986-2001.



For all tribes combined, a total of 618 interviews were conducted and effort (boat-hours) was determined for all but one (Appendix B). Average length of a trip was 2.4 boat-hours (Table 4).

Table 4. Number of interviews and average length of spearing trip (in boat-hours) during spring spearing from 1989-2001.

YEAR	AVERAGE LENGTH OF TRIP:						TOTAL
	BRV	LCO ¹	LDF	MLK	RCF	STC ¹	
1989	4.1	2.4	2.5	2.6	2.5	2.7	2.7
1990	3.3	2.8	2.7	3.1	3.5	3.1	3.1
1991	3.9	3.0	2.8	3.9	2.8	3.5	3.3
1992	3.0	3.2	2.0	2.8	2.4	2.4	2.5
1993	2.7	2.6	2.2	2.4	2.8	2.5	2.6
1994	3.2	3.0	2.9	3.5	2.3	3.0	3.0
1995	2.1	3.5	2.0	2.8	2.7	2.5	2.5
1996	2.4	2.9	2.2	1.3	2.0	2.2	2.2
1997	2.7	3.0	2.2	2.3	2.6	2.4	2.5
1998	3.4	2.6	2.2	2.5	2.3	2.2	2.4
1999	3.2	2.7	2.0	2.0	2.2	2.2	2.3
2000	2.8	2.1	1.8	1.5	2.6	2.5	2.1
2001	2.7	2.6	2.2	2.4	2.8	2.5	2.4
2001 Boat-hours:	157	273	458	214	171	230	1,503
2001 interviews with effort:	59	105	210	89	62	92	617
2000 interviews without effort:	0	0	0	0	0	1	1

¹Includes effort for Mille Lacs tribe.

Total Harvest

Twelve taxa of fish were harvested during the 2001 spring spear fishery (Table 5). Of the 23,297 fish taken 97.6% were walleye. Percentages of the total catch for other game fish species were 1.0% for muskellunge, 0.86% for bass, and 0.14% for northern pike. Other species combined (panfish and rough fish) totaled 89 fish and made up the remaining 0.38% of the harvest.

Table 5. Number of various fish species harvested during spring spearing seasons from 1996-2001.

Species:	1997	1998	1999	2000	2001
Walleye	24,002	27,218	26,105	30,367	22,743
Muskellunge	333	271	275	325	233
Bass Species		3	1		16
Largemouth Bass	114	191	97	179	114
Smallmouth Bass	31	99	28	42	70
Northern Pike	37	68	29	54	32
Rock Bass	12	6	2	6	2
Crappie	55	50	134	78	51
Sunfish (Bluegill, Pumpkinseed)	9	4	44	2	6
Yellow Perch	8	7	4	7	4
Bullhead					
Sucker	32	40	27	16	22
Whitefish		1	2	1	3
Carp				2	1
Dogfish			1	1	
Burbot				2	
TOTAL:	24,633	27,941	26,749	31,082	23,297

Walleye Harvest

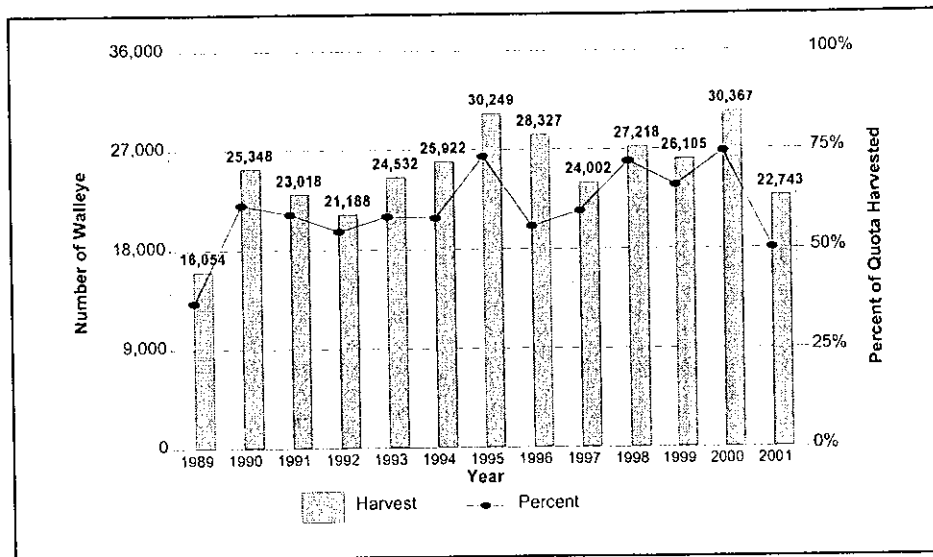
Tribal quotas (TQ) for walleye were selected for 275 lakes and totaled 45,321 walleye (Table 6). The percent of the "safe harvest" selected as tribal quotas for lakes in 2001 ranged from 0.0% (Kentuck Lake, Vilas County) to 94.92% (Virgin Lake, Oneida County). Two tribes selected the same lake in 8 instances and agreed on various inter-tribal allocation formulas to keep the TQ within the selected percentage. No lakes were selected by more than two Wisconsin tribes.

Tribal spearers harvested a total of 22,743 walleye from 147 lakes (Table 6, Figure 6, Appendix B). Spearing also occurred in two other lakes (Palmer Lake, Vilas County and South Turtle Lake, Vilas County) but no walleye were harvested. The percent of the total walleye quota harvested was 50%. Values for the tribal walleye quota and percent of this quota harvested from 1989-2001 were as follows:

Table 6. Number of lakes with a tribal walleye quota, spearing effort, and harvest plus percent of overall quota harvested from 1989-2001.

Year	Tribal Walleye Quota	Number of Lakes with Quotas	Number of Walleye Harvested	Number of Lakes with Effort	Number of Lakes with Harvest	Percent of Quota Harvested
1989	43,801	254	16,054	102	98	37%
1990	41,373	178	25,348	119	117	61%
1991	39,090	204	23,018	159	147	59%
1992	38,863	222	21,188	153	146	55%
1993	42,112	220	24,532	134	130	58%
1994	44,821	218	25,922	147	145	58%
1995	41,283	222	30,249	153	149	73%
1996	50,897	248	28,327	167	157	56%
1997	40,301	245	24,002	155	152	60%
1998	37,821	225	27,218	153	152	72%
1999	39,586	204	26,105	155	151	66%
2000	40,762	253	30,367	173	171	74%
2001	45,321	275	22,743	149	147	50%

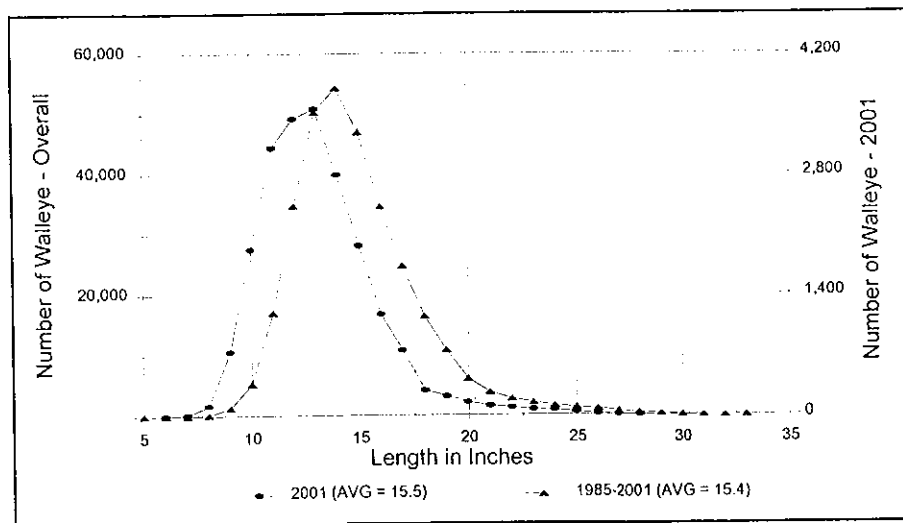
Figure 6. Number of walleye and percent of quota harvested during spring spearing seasons from 1989-2001.



Mean Length. A total of 20,639 walleye (91% of the catch) was measured in 2001 (Appendices C and D). The mean length was 15.5 inches, slightly less than the average length during 1987-1991 (range: 15.7-16.0 inches per year) but greater than the average length from 1992-2000 (range: 15.0-15.4 inches per year). Size restrictions were identical during each of these fourteen years; all walleye were to be under 20 inches except that each permit authorized the harvest of one walleye of 20-24 inches and one of any size.

For the 17 spring spearing seasons combined, 83% of the walleye harvest has been measured (316,663 of 382,064 fish) (Figure 7; Appendix D). Average length for this 17 year sample was 15.4 inches. Also, 6.3% of the walleye (19,997 fish) were 20 inches or larger and 1.2% (3,789 fish) were 25 inches or larger.

Figure 7. Length frequency of walleye speared during 2001 and during the seventeen year period from 1985-2001.



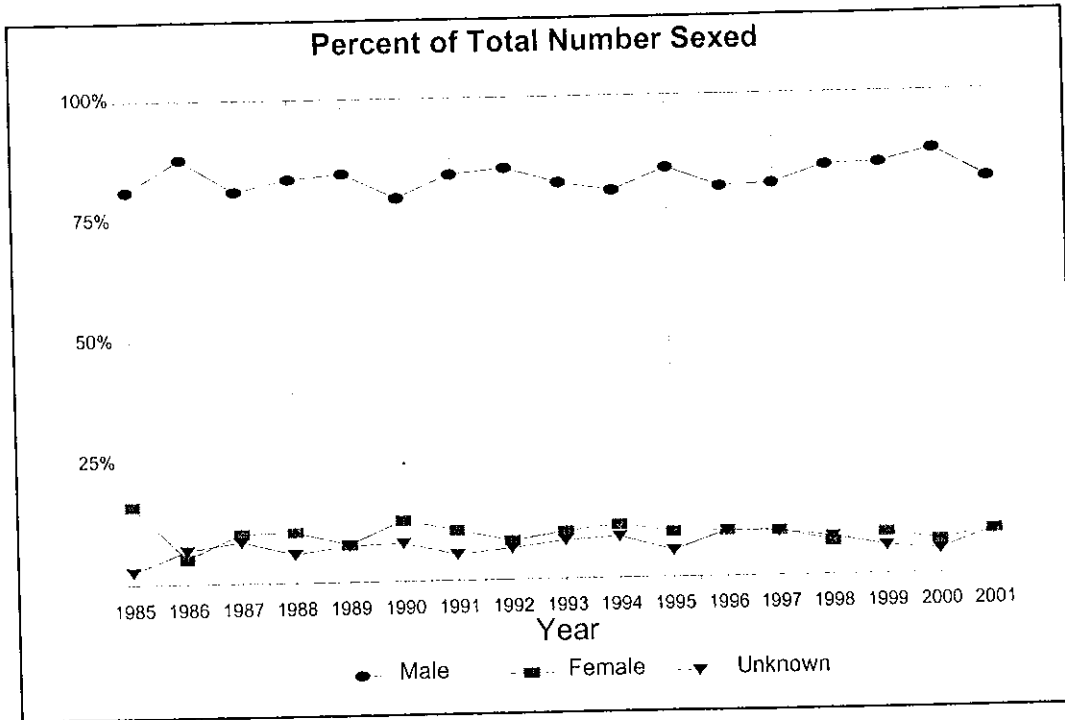
Sex Composition of Catch. The majority of walleye sexed in 2001 were male: 17,402 of 21,261 fish or 82% (Table 7). Females (2,005 fish) comprised 9% of the sexed harvest and those whose sex could not be determined (1,854 fish) made up 9%. Males made up 93% of sexable fish.

For the 17 spring spearing seasons combined, a total of 317,516 walleye have been sexed (Table 7, Figure 8). Of these, 83% were male, 9% were female, and 7% were of undetermined or unknown sex. Factors which influence the number of males and females speared were described by Kmiecik and Shively (1990). Some of the factors include bag and size restrictions, differences in behavior between the sexes during spawning season, and spearer preference.

Table 7. Number and percent of walleye that were sexed and were male, female, or unknown sex during spring spearing seasons from 1985-2001.

Year	Total Harvest	Male		Female		Unknown		Total Sexed:	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
1985	2,761	696	81%	138	16%	22	3%	856	31%
1986	6,940	6,013	88%	356	5%	473	7%	6,842	99%
1987	21,321	11,539	81%	1,456	10%	1,229	9%	14,224	67%
1988	25,969	16,193	84%	2,033	10%	1,142	6%	19,368	75%
1989	16,054	11,222	85%	1,030	8%	1,002	8%	13,254	83%
1990	25,348	14,693	79%	2,342	13%	1,465	8%	18,500	73%
1991	23,018	15,626	84%	1,926	10%	999	5%	18,551	81%
1992	21,188	15,563	85%	1,473	8%	1,190	7%	18,226	86%
1993	24,532	16,357	82%	1,958	10%	1,588	8%	19,903	81%
1994	25,922	17,467	80%	2,407	11%	1,852	9%	21,726	84%
1995	30,249	20,897	85%	2,339	10%	1,369	5%	24,605	81%
1996	28,327	18,562	81%	2,191	9.5%	2,181	9.5%	22,934	81%
1997	24,002	17,541	81%	2,031	9%	1,978	9%	21,550	90%
1998	27,218	20,604	85%	1,633	7%	1,990	8%	24,227	89%
1999	26,105	20,156	85%	2,076	9%	1,384	6%	23,616	90%
2000	30,367	24,422	88%	1,974	7%	1,477	5%	27,873	92%
2001	22,743	17,402	82%	2,005	9%	1,854	9%	21,261	93%
Total:	382,064	264,953	83%	29,368	9%	23,195	7%	317,516	83%

Figure 8. Sex composition of the walleye harvest during spring spearing seasons from 1985-2001.



Catch per effort (CPE). In 2001 a total of 1,503 boat-hours of spearing was recorded in which 22,743 walleye were caught. Overall catch per effort (total harvest/total boat-hours) was 15.1 walleye per boat-hour (Appendix B).

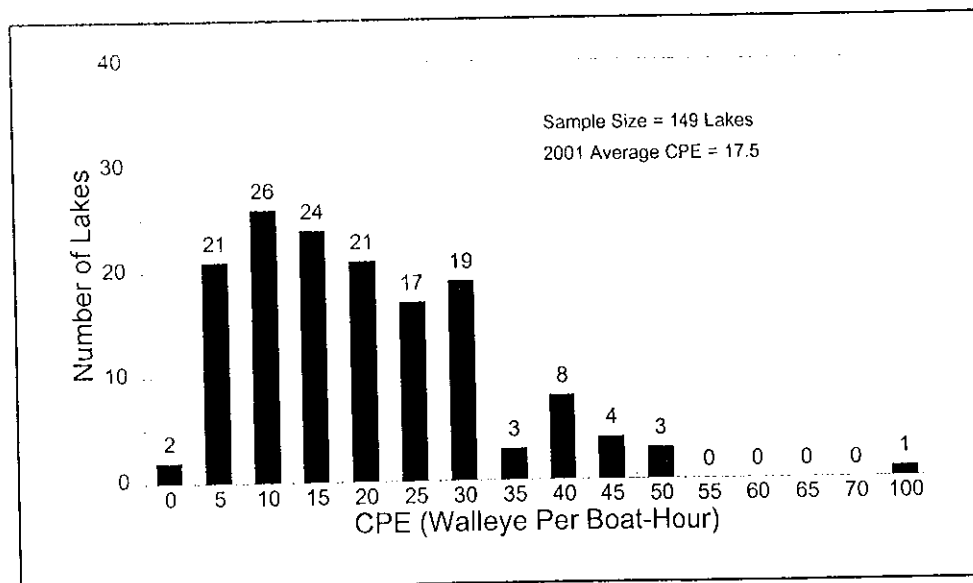
Catch rates for the 149 lakes speared in 2001 ranged from 0.0 to 95.4 and averaged 17.5 per boat-hour (Appendix B, Figure 9). Boat-hour effort was completely recorded for all lakes except one (Rooney Lake, Burnett County) during spring 2001. For Rooney Lake, total effort was calculated by assigning 2.5 boat-hours to the on St. Croix interview with effort missing (Table B). Similar statistics for the years 1987-2000 were as follows:

Table 8. Range and average catch rates in lakes speared during spring spearing season from 1987-2001.

Year	Number of Lakes	Range: CPE	Average: CPE
1987	66	0.0 - 46.4	12.2
1988	91	0.0 - 84.1	14.2
1989	98	0.0 - 63.9	18.5
1990	117	0.0 - 45.1	14.3
1991	159	0.0 - 46.5	11.3
1992	153	0.0 - 68.0	16.1
1993	134	0.0 - 123.5	15.2
1994	137	0.0 - 95.2	16.7
1995	153	0.0 - 91.1	19.5
1996	167	0.0 - 52.9	17.4
1997	155	0.0 - 62.7	16.8
1998	153	0.0 - 76.0	16.2
1999	155	0.0 - 74.0	18.0
2000	173	0.0 - 101.1	16.8
2001	149	0.0 - 95.4	17.5

(Biological Issues Group 1988, Kmiecik and Shively 1990, Kmiecik 1991, Kmiecik and Ngu 1992, Ngu and Kmiecik 1993, Ngu 1994, Ngu 1995, Ngu 1996, Krueger 1997, Krueger 1998, Krueger 1999, Krueger 2000, Krueger 2001).

Figure 9. Walleye CPE (number per boat-hour) by lake during the 2001 spring spearing season.



Muskellunge Harvest

A total of 233 muskellunge were taken from 61 lakes during spring 2001 (Figure 10, Appendix E). This harvest represented 14.7% of the combined tribal muskellunge quota of 1,580 fish selected for 198 lakes. Similar muskellunge quota statistics for the years 1990 to 2000 were as follows:

Table 9. Number of lakes with a tribal muskellunge quota, with harvest, and percent of overall quota harvested from 1990-2001.

Year	Tribal Muskellunge Quota	Number of Lakes with Quota	Number of Lakes with Harvest	Number Harvested	Percent of Quota Harvested
1990	1,148	117	57	303	26.4%
1991	1,240	155	54	185	14.9%
1992	1,240	155	52	165	13.3%
1993	1,223	134	49	188	15.5%
1994	1,326	158	49	244	18.4%
1995	1,364	153	59	299	21.9%
1996	1,555	171	68	319	20.5%
1997	1,489	169	66	333	22.3%
1998	1,381	166	60	271	19.6%
1999	1,431	169	63	275	19.2%
2000	1,410	169	59	325	23.1%
2001	1,580	198	61	233	14.7%

The number of muskellunge harvested from each of these 61 lakes ranged from 1 to 21 fish (Appendix E). Ten or more muskellunge were harvested from 6 lakes, 6-9 muskellunge were taken from 6 lakes, and 1-5 fish were speared in 49 lakes. No muskellunge were speared from the other 137 lakes.

Lengths of the 233 measured muskellunge averaged 38.9 inches and ranged from 17.6 to 50.0 inches (Appendix F, Figure 11). During the seventeen spring seasons combined, 3,705 of 3,753 speared muskellunge have been measured. Average length for this sample of fish was 37.1 inches (range: 13.5-53.0 inches).

Of the measured catch in 2001, 9.9% (23 of 233 muskellunge) were 32 inches and smaller, while 14.6% (34 fish) were 45 inches and larger. For the 3,705 muskellunge measured from 1985-2001, 685 fish or 18.5% of the sample were less than or equal to 32 inches; 260 fish or 7% were 45 inches and larger (Appendix F).

The number of muskellunge per spearer averaged 0.57 for all tribes combined. In other words, 57 muskellunge were taken for every 100 spearkers. From 1987-2000 the number per spearker ranged from 0.16 to 1.19. The combined tribal catch rate for muskellunge in 2001 was 0.16 muskellunge per boat-hour which was within the range of CPE's from 1987-2000 (0.07 to 0.19).

Figure 10. Number of muskellunge harvested during spring spearing seasons from 1985-2001.

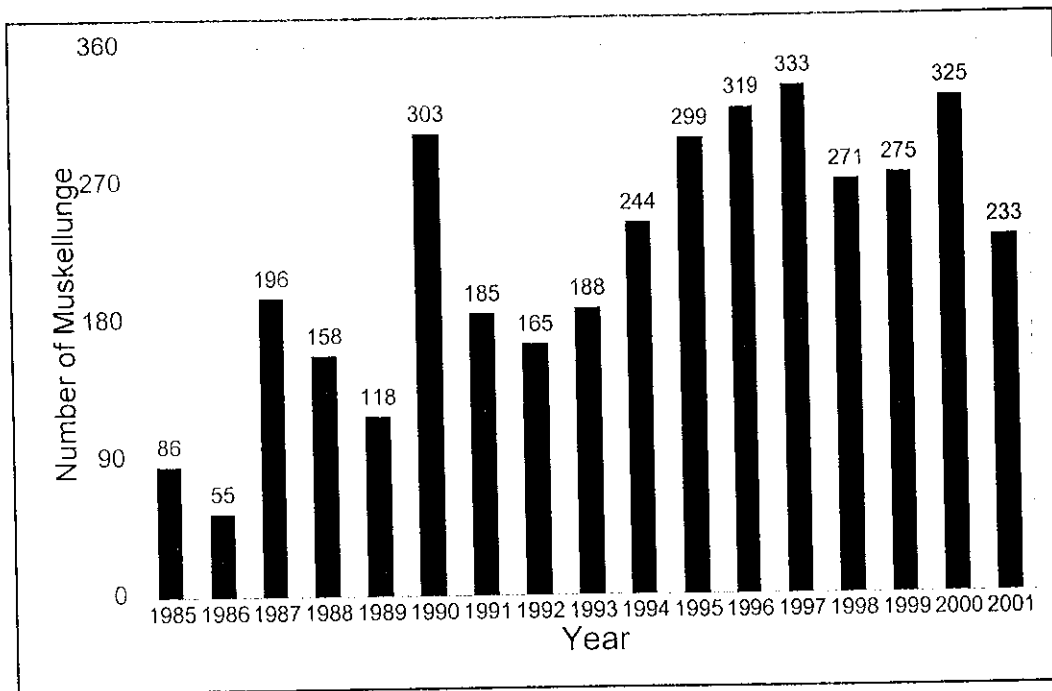
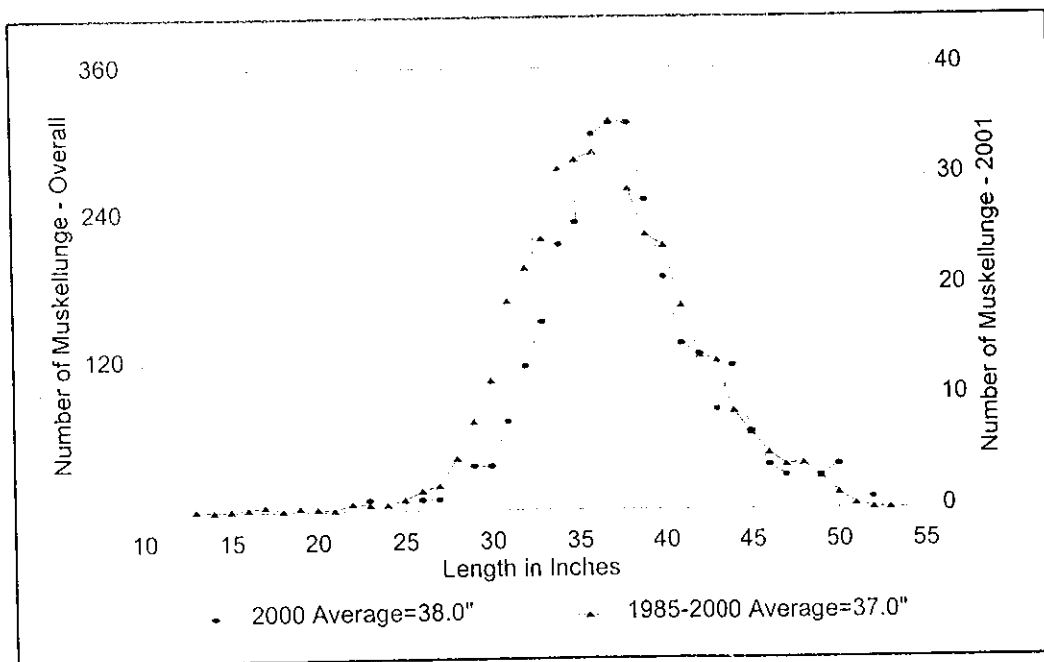


Figure 11. Length-frequency of muskellunge speared during spring 2001 and during the seventeen year period 1985-2001.



Bass Harvest

A total of 200 bass were harvested from 34 lakes in 10 counties (Appendix G). Species was recorded for all bass except 16. A total of 114 largemouth bass were taken from 22 lakes in 7 counties and averaged 15.1 inches. Ten or more largemouth were speared from 4 lakes, 6-9 from 2 lakes, and 5 or less were taken from 16 lakes. The number harvested per surface acre of water averaged 0.0074 largemouth bass (range: 0.0003-0.0590).

A total of 70 smallmouth bass were speared from 12 lakes in 7 counties. Average length was 16.5 inches. Five or fewer fish were taken from all but two lakes. The number harvested per surface acre averaged 0.0030 smallmouth bass (range: 0.0002-0.0136).

Lengths of 186 measured bass ranged from 10.4-21.8 inches (Figure 13) and averaged 15.7 inches (Appendix H). Of the 2,744 bass speared during the seventeen spearing seasons combined, 2,908 have been measured. Average length for this sample was 15.4 inches (annual range: 15.0-15.9 inches).

For all tribes combined the number of bass per spearer (CPE) was 0.49. This CPE ranged from 0.29 to 0.66 from 1987-2000. The combined tribal catch rate for bass in 2001 was 0.13 bass per boat-hour which was within the range of CPE's from 1987-2000 (0.06 to 0.14).

Figure 12. Number of bass harvested during spring spearing seasons from 1985-2001.

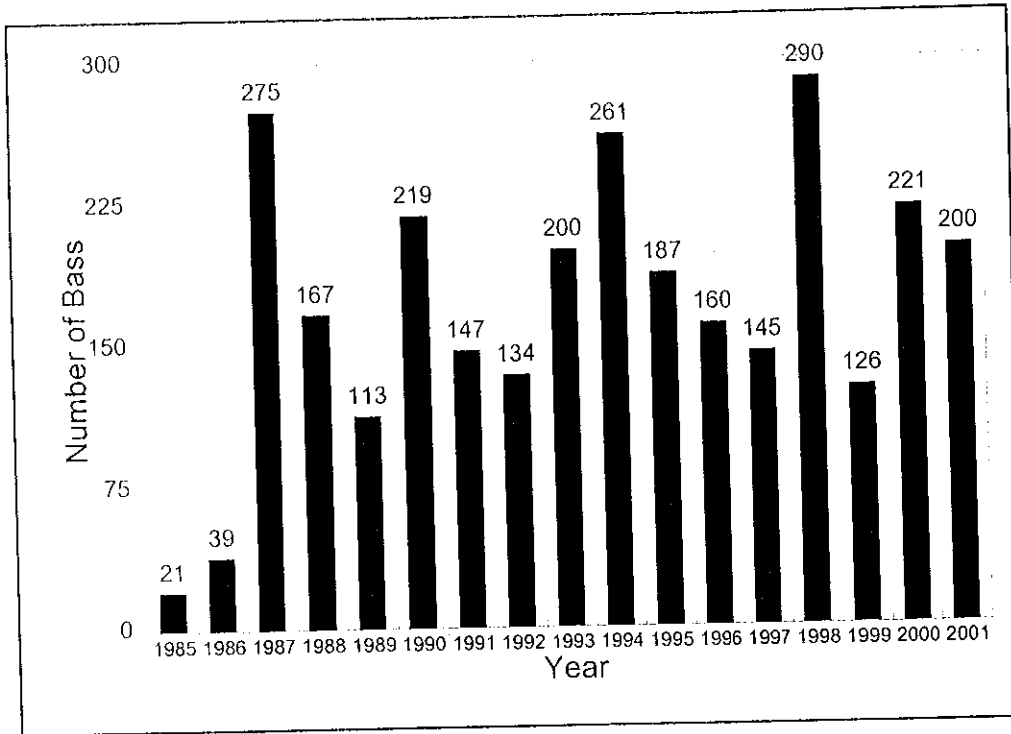
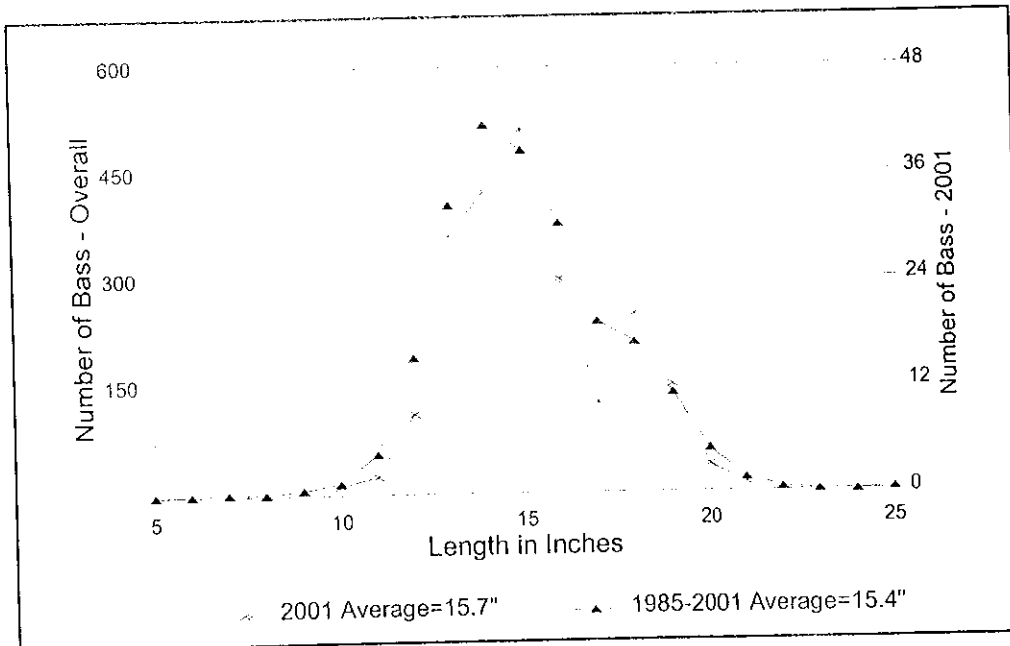


Figure 13. Length-frequency for bass taken during 2000 and during the seventeen year period 1985-2001.



Northern Pike Harvest

A total of 32 northern pike were harvested from 14 lakes in 7 counties (Appendix G). The number speared per lake exceeded 5 fish on two lakes. Catch per surface acre of water averaged 0.0026 (range: 0.0001-0.0098).

Lengths of 32 measured northern pike ranged from 14.7 to 42.0 inches and averaged 30.6 inches (Appendix I, Figure 15). During the seventeen spring seasons combined a total of 565 northern pike have been speared (Appendix I). Of these, 496 were measured and length averaged 26.5 inches. Harvest of pike continues to be incidental and an insignificant component of the fishery.

Figure 14. Number of northern pike harvested during spring spearing seasons from 1985-2001.

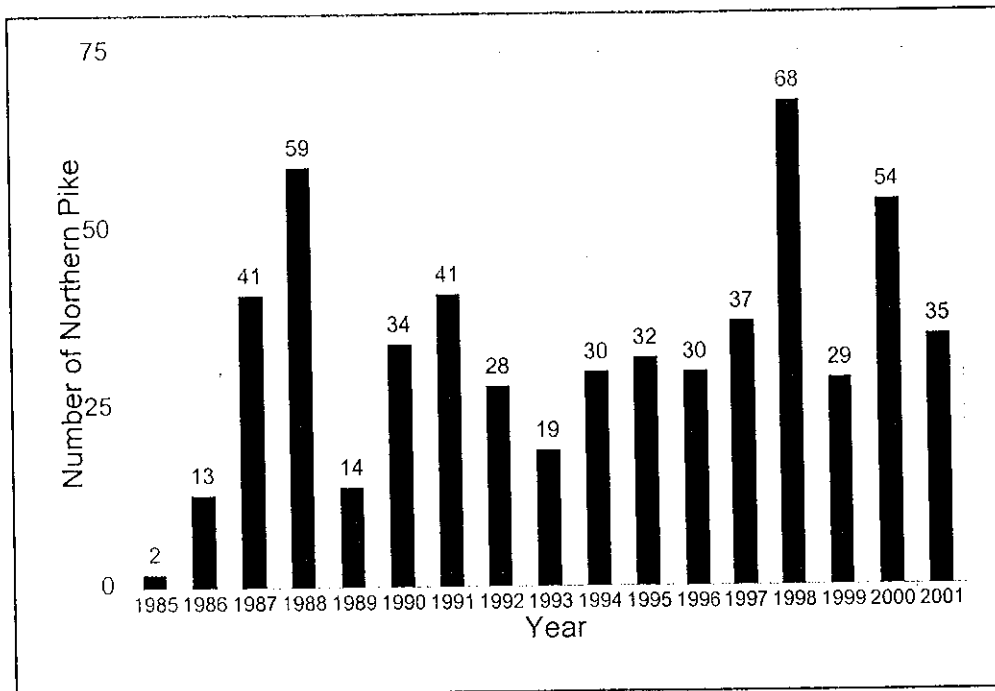
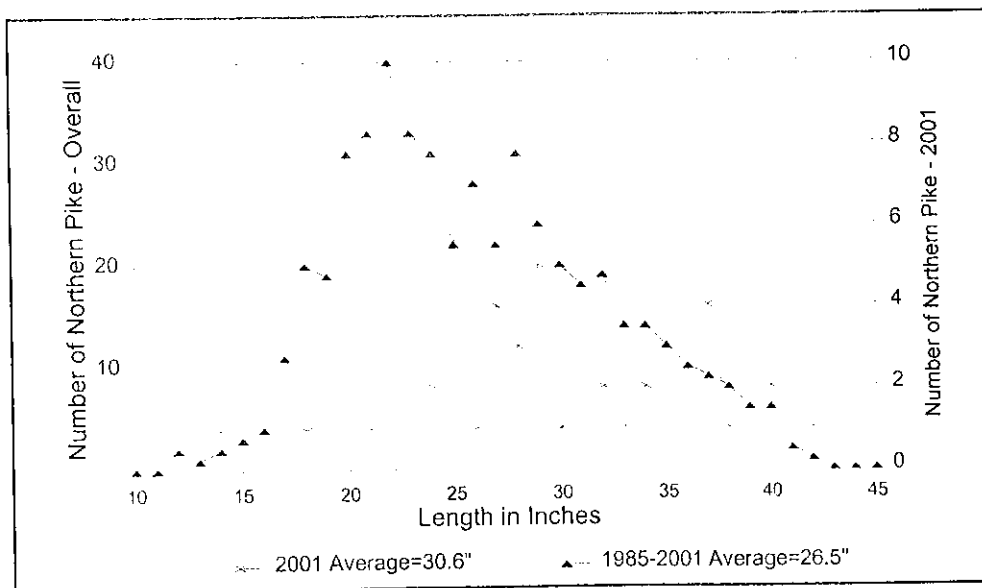


Figure 15. Length frequency of northern pike speared during 2001 and during the seventeen year period from 1985-2001.



Fall Spearing and Netting

A total of 406 fish were taken during fall spearing and netting of which 256 were walleye (Table 10, Appendix J). Fall spearing occurred on 1 night. A total of 11 walleye were harvested from one lake (Turtle-Flambeau Flowage, Iron County); mean length was 13.3 inches. Total effort was 6.5 boat-hours and 2 spearer-nights. The number of walleye caught per boat-hour was 1.7. No other species were harvested.

Fall gill-netting occurred in one lake (Long Lake, Washburn County) on 14 nights from September 21 to November 3 (Table 10, Appendix J). A total of 245 walleye were harvested and averaged 18.4 inches. A total of 12,800 feet of 3.5 inch (stretch) gill-net was set. Average CPE (number of walleye per 100 feet) was 1.9. Other species harvested included 94 cisco, 20 bullhead, 12 rock bass, 7 crappie, 7 sucker, 4 bluegill, 3 northern pike, 2 dogfish, and 1 yellow perch. Mean length for cisco was 14.5 inches and CPE (number per 100 feet) was 0.7. Fyke-netting occurred in the Holcombe Flowage (Chippewa County) on one night; no fish were harvested.

Table 10. Number of walleye harvested and number of permits during fall netting and spearing in 2001.

County	Lake	Area	Date*	Method	No. of Permits	Walleye
Iron	Turtle-Flambeau Fl	13,122	9/8/01	Spear	2	11
Chippewa	Holcombe Fl	3,890	9/15/01	Fyke-Net	4	0
Washburn	Long L	3,290	9/21/01	Gill-Net	6	14
Washburn	Long L	3,290	9/22/01	Gill-Net	7	23
Washburn	Long L	3,290	9/28/01	Gill-Net	8	24
Washburn	Long L	3,290	9/29/01	Gill-Net	7	40
Washburn	Long L	3,290	10/5/01	Gill-Net	6	24
Washburn	Long L	3,290	10/6/01	Gill-Net	3	28
Washburn	Long L	3,290	10/12/01	Gill-Net	2	15
Washburn	Long L	3,290	10/13/01	Gill-Net	4	39
Washburn	Long L	3,290	10/19/01	Gill-Net	3	11
Washburn	Long L	3,290	10/20/01	Gill-Net	3	2
Washburn	Long L	3,290	10/26/01	Gill-Net	3	9
Washburn	Long L	3,290	10/27/01	Gill-Net	3	4
Washburn	Long L	3,290	11/2/01	Gill-Net	3	10
Washburn	Long L	3,290	11/3/01	Gill-Net	3	2

* For gill-netting, date of net set.

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Appendix A. Number of tribal members that speared one or more nights on lakes selected by six Wisconsin Chippewa bands during the 2001 spring spear fishery.

Number of Nights	BRV ¹	LCO	LDF	MLK ²	RCF	STC ³	Total:	Percent of Total:	Cumulative Percent:
1	25	29	51	27	24	13	169	41.3%	41.3%
2	3	12	24	14	10	7	70	17.1%	58.4%
3	2	6	13	12	10	4	47	11.5%	69.9%
4	1	5	8	10	7	1	32	7.8%	77.8%
5	1	5	15	6	4	5	36	8.8%	86.6%
6	2	4	7	1	0	1	15	3.7%	90.2%
7	1	2	7	0	0	3	13	3.2%	93.4%
8	1	0	3	1	0	3	8	2.0%	95.4%
9	0	3	6	0	0	0	9	2.2%	97.6%
10	0	1	3	0	0	1	5	1.2%	98.8%
11	0	0	1	0	0	1	2	0.5%	99.3%
12	0	0	0	0	0	2	2	0.5%	99.8%
13	0	0	0	0	0	0	0	0.0%	99.8%
14	0	0	0	0	0	0	0	0.0%	99.8%
15	0	0	1	0	0	0	1	0.2%	100.0%
16	0	0	0	0	0	0	0	0.0%	100.0%
17	0	0	0	0	0	0	0	0.0%	100.0%
18	0	0	0	0	0	0	0	0.0%	100.0%
19	0	0	0	0	0	0	0	0.0%	100.0%
20	0	0	0	0	0	0	0	0.0%	100.0%
21	0	0	0	0	0	0	0	0.0%	100.0%
22	0	0	0	0	0	0	0	0.0%	100.0%
23	0	0	0	0	0	0	0	0.0%	100.0%
24	0	0	0	0	0	0	0	0.0%	100.0%
25	0	0	0	0	0	0	0	0.0%	100.0%
26	0	0	0	0	0	0	0	0.0%	100.0%
27	0	0	0	0	0	0	0	0.0%	100.0%
28	0	0	0	0	0	0	0	0.0%	100.0%
29	0	0	0	0	0	0	0	0.0%	100.0%
30	0	0	0	0	0	0	0	0.0%	100.0%
29	0	0	0	0	0	0	0	0.0%	100.0%
30	0	0	0	0	0	0	0	0.0%	100.0%
Total:	36	67	139	71	55	41	409	100%	100%

¹ Includes 2 members from Lac du Flambeau.

² Includes 2 members from Red Cliff.

³ Includes 2 members from Bad River and 1 from Mille Lacs.

Appendix B Number of walleye harvested nightly on lakes selected by six Wisconsin Chippewa bands during spring 2001. Also, balance of quota, number of boat-hours, catch per effort (CPE = walleye per boat-hour), number of interviews with effort, and number of interviews without effort

County	Lake	Waukeg		Tribal Quota	May										Total 10 Harvest	Quota Balance	Boat Hour	CPE																				
		Area	Harvest		20	21	22	23	24	25	26	27	28	29					30																			
ASHLAND	BEAR L	204	88	32													0	52	0	24.5	26.3																	
BAYFIELD	NAMEKAGON L	3227	1741	645													0	161	0	90																		
BURNETT	SISKIWIIT L	330	269	161													0	392	0	392																		
CHIPPewa	CLAM R FL	359	151	90													0	1149	3.3	25.2																		
CHIPPewa	HOLCOMBE FL	3890	1428	392													83	309	8.5	23.4																		
CHIPPewa	L WISSOTA	6300	2241	1232	83												199	111	0																			
CHIPPewa	LONG L	1052	661	508	**	199											0	74	0	40	0																	
CHIPPewa	AMNICON L	426	186	111													0	55	0	55	0																	
DOUGLAS	BOND L	292	124	74													0	404	0	404	0																	
DOUGLAS	DOWLING L	154	67	40													0	56	0	56	0																	
DOUGLAS	L MINNESUING	432	93	55													0	32	0	32	0																	
DOUGLAS	WHITEFISH L	832	335	200													0	85	0	85	0																	
DUNN	TAINTER L	1752	675	404													0	29	0	29	0																	
IRON	ECHO L	220	95	56													0	79	0	79	0																	
IRON	FISHER L	452	54	32													0	88	0	88	0																	
IRON	L OF THE FALLS	338	143	85													0	191	0	191	0																	
IRON	LONG L	396	48	28													0	823	25.5	6.9																		
IRON	PINE L	312	132	79													0	25	0	25	0																	
IRON	SPIDER L	352	148	88													0	213	0	213	0																	
IRON	TRUDE L	792	319	191													0	95	0	95	0																	
IRON	TURTLE-FLAMBEAU FL	13172	4439	1000													0	104	0	104	0																	
OCONTO	WHEELER L	293	125	25													0	382	0	382	0																	
ONEIDA	RAINBOW FL	2035	777	213													0	116	0	116	0																	
PRICE	DUROY L	379	159	95													0	403	0	403	0																	
PRICE	LONG L	418	174	104													0	130	0	130	0																	
PRICE	SOLBERG L	859	637	382													0	70	0	70	0																	
RUSK	CHAIN L	468	194	116													0	231	2.0	25.0																		
RUSK	DAIRYLAND RESERVOIR	1745	673	403													0	720	-1	35.2	20.5																	
RUSK	ISLAND L	526	217	130													0	80	0	80	0																	
SAWYER	CONNORS L	429	179	107													0	61	1.5	0.7																		
SAWYER	NELSON L	2503	944	281													0	95	8.2	11.6																		
SAWYER	TEAL L	1049	934	719													0	115	0	6.0	19.2																	
TAYLOR	RIB L	320	135	80													0	64	0	4.6	27.2																	
VILAS	ANNABELLE L	213	104	62													0	108	3.5	20.0																		
VILAS	BLACK OAK L	584	206	123													0	95	0	95	0																	
VILAS	CRAB L	949	318	190													0	92	0	9.9	38.1																	
VILAS	FOREST L	466	183	115													0	113	0.9	0.0																		
VILAS	HARRIS L	507	209	125													0	95	0	95	0																	
VILAS	HIGH L	734	297	178													0	364	0	364	0																	
VILAS	LOST CANOE L	249	107	64													0	0	0	0	0																	
VILAS	MAMIE L	400	161	96													0	0	0	0	0																	
VILAS	N TURTLE L	369	155	92													0	0	0	0	0																	
VILAS	PRESQUE ISLE L CHAIN	1571	630	377													0	0	0	0	0																	
VILAS	S TURTLE L	454	189	113													0	0	0	0	0																	
VILAS	TENDERFOOT L	437	159	95													0	0	0	0	0																	
WASHBURN	MINONG FL	1564	607	364													0	0	0	0	0																	
Total		46	46	46	2	2	0	0	1	1	1	1	3	4	4	5	2	2	2	6	1	0	0	0	0	4	4											
Area in acres:		54,755																																				
Number of walleye		21,920	10,172	83	189	0	0	97	95	639	436	398	244	70	125	115	179	31	0	0	0	0	1	0	2,908	7,264												
Number of speaker-rights		2	0	0	0	0	0	2	2	19	14	15	6	7	2	9	5	6	3	0	0	0	0	3	0	105												
Number of interviews with effort		1	4	0	0	0	0	2	2	13	8	4	6	4	1	6	2	3	1	0	0	0	0	2	0	95												
Number of interviews without effort		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Number of boat-hours		33	85	0	0	0	0	0	0	6	2	5	2	9	15	3	9	15	3	4	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	156.8	
Catch-per-effort		25.5	23.4	0.0	0.0	0.0	0.0	1.1	1.1	1.4	1.4	2.1	2.9	2.6	2.1	3.2	3.5	1.7	1.9	1.2	1.9	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.5		

* Lakes not speared during spring 2001
 ** Lakes open for spearing but no effort

Appendix B. Number of walleye harvested nightly on lakes selected by six Wisconsin Chippewa bands during spring 2001. Also, balance of quota, number of boat-hours, catch per effort (CPE - walleye per boat-hour), number of spearer-nights, number of interviews with effort, and number of interviews without effort

County	Lac Courte Oreilles Lake	Area	Walleye 2001		May																				Boat- Hour	CPE										
			Saic Harvest	Tribal Quota	Apr 20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8			9	10	11	12	13	14	Total Harvest	Quota Balance		
CHIPPWA	HOLCOMBE FL	3890	1428	392																															392	
RUSK	AMACOEY L	278	36	19	**																													19		
RUSK	POTATO L	534	163	125	0	**																												117	4.5	
RUSK	PULASKI L	126	56	53	30	23																											0	4.9		
RUSK	SAND L	262	34	18	18																												0	1.5		
SAWYER	BARBER L	238	31	17																													17			
SAWYER	DURPHEE L	193	97	74																													67	1.3		
SAWYER	GRINDSTONE L	3111	221	170																													7	5.6		
SAWYER	L CHETAC	1920	736	404																													170	12.8		
SAWYER	L CHIPPEWA	15300	5731	2291																													403	34.6		
SAWYER	L OF THE PINES	273	116	98	27	**																											820	15.4		
SAWYER	LAC COURTE OREILLES	5039	273	232																													0	7.3		
SAWYER	LITTLE ROUND L	229	79	67																													0	6.5		
SAWYER	LOST LAND L	1304	69	27																													13	2.0		
SAWYER	ROUND L	3054	1138	624																													105	8.0		
SAWYER	SAND L	928	170	67																													53	1.6		
SAWYER	SISSABAGAMA L	719	292	160																													32	4.5		
SAWYER	SMITH L	323	40	33																													31	2.0		
SAWYER	SPIDER L	1454	147	80																													0	7.0		
SAWYER	TIGER CAT FL	819	21	17																													80	11.4		
SAWYER	WHITEFISH L	786	87	73																													0	0		
SAWYER	WINDFALL L	102	46	39	10	16	**																										73	8.0		
WASHBURN	BIRCH L	368	45	38																														39	5.1	
WASHBURN	LONG L	3290	1220	335																														38	2.7	
WASHBURN	STONE L	523	61	33																														2	1.0	
	Number of lakes:	25																																0	33	
	Area in acres:	45,063																																		
	Number of walleye:	12,337	5,486		48	60	16	8	380	347	651	320	190	193	186	70	80	86	20	87	90	71	0	7	15	157	53	27	12	3,174	2,312					
	Number of spearer-nights:				8	5	2	2	18	24	18	8	14	13	15	9	13	6	5	13	5	6	0	3	3	12	7	4	2	216						
	Number of interviews with effort:				4	3	2	1	10	11	9	4	7	7	7	4	5	3	3	5	3	4	0	1	1	5	3	2	1	105						
	Number of interviews without effort:				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	Number of boat-hours:				5.6	6.5	2.1	2.5	28.7	27.4	22.9	11.8	16.5	14.9	27.6	8.1	13.5	11.0	9.3	11.6	6.0	7.8	0.0	1.2	5.8	15.5	8.3	3.6	4.8	272.8						
	Catch-per-effort:				8.6	9.2	7.6	3.2	13.2	12.7	28.5	27.1	11.5	13.0	16.8	8.6	5.9	7.8	2.2	7.5	15.0	9.1	0.0	5.8	2.6	10.1	16.4	7.5	2.5							

* Lakes not speared during spring 2001
 ** Lakes open for spearing but no effort
 NOTE: On 5/11/01 St. Croix transferred their quota of 312 walleye on Big Round Lake in Sawyer County to LCO.

Appendix B. Number of walleye harvested nightly on lakes selected by six Wisconsin Chippewa bands during spring 2001. Also, balance of quota, number of boat-hours, catch per effort (CPE - walleye per boat-hour), number of spearer-nights, number of interviews with effort, and number of interviews without effort

County	Lake	Area	Walleye 2001 Tribal Quota	April 24	April 25	April 26	April 27	April 28	April 29	April 30	May 1	May 2	May 3	May 4	May 5	May 6	May 7	May 8	May 9	May 10	May 11	Total Harvest	Quota Balance	Boat- Hour	CPE
IRON	GILE FL	3384	1253	689																		689	55.9	15.7	
IRON	TURTLE-FLAMBEAU FL	13122	4439	1441																		875	566	3.5	23.4
LINCOLN	L MOHAWKIN	1910	732	402																		483	319	23.6	20.5
LINCOLN	RICE R FL CHAIN	3764	1459	802	82																	150	0	4.2	35.7
ONEIDA	BEARSKIN L	400	377	150	136																	0	103		
ONEIDA	BLUE L	456	189	103																		0	100		
ONEIDA	BOOM L	437	182	100																		0	14		
ONEIDA	BOOTH L	207	27	14																		124	0	1.3	95.4
ONEIDA	BUCKSKIN L	634	312	124																		13	30	2.8	4.7
ONEIDA	CARROLL	335	109	43																		154	4	7.9	19.5
ONEIDA	CLEAR L	846	397	158																		139	26	5.5	25.3
ONEIDA	DAM L	744	301	165	139																	78	5	3.0	26.0
ONEIDA	GEORGE L	435	208	83																		0	20		
ONEIDA	GLIMORE L	301	38	20																		69	1	3.0	23.0
ONEIDA	HASBROOK L	302	128	70	69																	21	47	2.5	8.4
ONEIDA	ISLAND	295	125	68																		0	26		
ONEIDA	JULIA L (THREE LAKES)	401	49	26																		0	20		
ONEIDA	KATHERINE L	590	242	133																		127	6	5.6	22.7
ONEIDA	KAWAGUESAGA L	670	273	150																		114	36	8.0	14.3
ONEIDA	L THOMPSON	382	54	21																		0	21		
ONEIDA	LITTLE FORK L	354	149	81																		80	1	3.6	22.2
ONEIDA	MANSON L	236	101	40	40																	40	0	1.4	28.6
ONEIDA	MEDICINE L	372	156	85																		83	2	6.3	13.2
ONEIDA	MINOCQUA L	1360	532	292																		292	0	11.2	26.1
ONEIDA	MUSKELLUNGE L	284	121	66																		23	43	1.5	15.3
ONEIDA	N NOKOMIS L	476	57	31																		0	31		
ONEIDA	PICKEREL L	736	82	45																		14	31	2.3	6.2
ONEIDA	RAINBOW FL	2035	777	213																		22	191	10.7	2.1
ONEIDA	SAND L	540	222	122	117																	117	5	4.8	24.6
ONEIDA	SH-SHEBOGAMA L	716	40	21																		0	21		
ONEIDA	SQUIRREL L	1317	665	265																		258	7	9.5	27.2
ONEIDA	TOMAHAWK L CHAIN	3552	623	249	249																	247	2	12.3	20.2
ONEIDA	TWO SISTERS L	719	292	160																		158	2	6.0	26.3
ONEIDA	WILLOW FL	5135	1851	1017																		289	728	35.6	8.1
PRICE	BUTTERNUT L	1006	400	219	218																	218	1	5.5	39.6
PRICE	LAC SAULT DORE	561	231	127																		78	49	6.7	11.6
PRICE	PIKE L	806	325	178																		133	45	11.5	11.6
PRICE	ROUND L	726	294	161	112																	161	0	9.2	17.5
PRICE	TURNER L	149	65	35	138																	28	7	2.5	11.2
VILAS	ALDER L	274	280	111																		81	30	4.2	19.3
VILAS	ANVIL L	380	159	87																		86	1	2.2	39.1
VILAS	BALLARD L	505	60	32																		0	32		
VILAS	BIG ARBOR VITAE L	1090	432	237																		237	0	10.9	21.8
VILAS	BIG L (BOULDER JCT)	835	336	184																		140	44	15.3	9.2
VILAS	BIG L (MI BORDER)	771	373	149																		131	18	7.2	18.3
VILAS	BIG MUSKELLUNGE L	930	372	204																		201	3	4.5	44.7
VILAS	BIG PORTAGE L	638	260	142																		139	3	3.0	46.3
VILAS	BIG ST GERMAIN L	1617	626	344																		342	2	17.8	19.2
VILAS	BIRCH L	528	218	119																		0	119		
VILAS	BOULDER L	524	294	117																		117	0	4.3	27.2

Appendix B - Number of walleye harvested nightly on lakes selected by six Wisconsin Chippewa bands during spring 2001. Also, balance of quota, number of boat-hours, catch per effort (CPE - walleye per boat-hour), number of spearer-nights, number of interviews with effort, and number of interviews without effort

County	Lake	Area	Walleye 2001 Sale Harvest	Walleye 2001 Tribal Quota	April 24	25	26	27	28	29	30	May 1	2	3	4	5	6	7	8	9	10	11	Total Harvest	Quota Balance	Boat- Hour	CPE
VILAS	CLEAR L	555	170	67		67																67	0	1.6	41.9	
VILAS	DEAD PIKE L	297	126	69									6									8	61	2.6	3.1	
VILAS	EAGLE L	572	350	139			139															139	0	5.4	25.7	
VILAS	FISHTRAP L	329	139	76								**	36									36	40	2.8	12.9	
VILAS	HORSEHEAD L	234	157	62									59									59	3	3.4	17.6	
VILAS	HUNTER L	184	80	43																		0	43	.	.	
VILAS	ISLAND L	1023	702	280		279									3						**	279	1	10.5	26.7	
VILAS	JAG L	158	69	37								**										3	34	1.3	2.4	
VILAS	L LAURA	559	245	134								**	121									123	11	5.6	22.0	
VILAS	LITTLE ARBOR VITAE L	334	287	114		114																114	0	4.7	24.3	
VILAS	LITTLE CROOKED L	153	67	36																		0	36	.	.	
VILAS	LITTLE JOHN L	166	112	44						44											**	44	0	1.0	44.0	
VILAS	LITTLE ST GERMAIN L	980	105	57						5	0										**	10	47	5.8	1.7	
VILAS	LITTLE STAR L	244	52	20		**																0	20	.	.	
VILAS	LITTLE TROUT L	978	117	64																	**	0	64	.	.	
VILAS	LOST L	544	64	35																	**	0	35	.	.	
VILAS	LOWER BUCKATABON L	352	44	24								**	16	6								0	24	.	.	
VILAS	LYNX L	339	143	78							**											22	56	5.5	4.0	
VILAS	MANITOWISH L	506	108	43											**							0	43	.	.	
VILAS	OXBOW L	511	211	116																		33	83	3.5	9.4	
VILAS	PALMER L	635	73	40							97		0									0	40	0.6	0.0	
VILAS	PAPOOSE L	428	178	97																		97	0	2.7	35.9	
VILAS	PICKEREL L	293	37	20							97										**	0	20	.	.	
VILAS	PIONEER L	427	15	8								**										0	8	.	.	
VILAS	PLUM L	1033	476	190								**	99									190	0	9.3	20.4	
VILAS	RAZORBACK L	362	249	99								**										99	0	3.6	27.5	
VILAS	REST L	608	196	78																		63	15	3.3	19.1	
VILAS	ROUND L	116	6	3																		0	3	.	.	
VILAS	SNIPE L	239	140	55																		26	28	3.1	8.4	
VILAS	SPARKLING L	154	21	11																		0	11	.	.	
VILAS	SPIDER L	272	50	19																	**	19	0	0.4	47.5	
VILAS	SQUAW L	785	368	147																	**	143	4	4.3	33.3	
VILAS	STAR L	1206	475	261								4	240									247	14	9.2	26.8	
VILAS	TROUT L	3816	1102	440							**		64									440	0	30.1	14.6	
VILAS	UPPER BUCKATABON L	494	58	31																		0	31	.	.	
VILAS	WATERSMEET L	100	45	24																		0	24	.	.	
VILAS	WHITE SAND L	728	82	45								45									**	45	0	1.4	32.1	
VILAS	WILD RICE L	379	21	8																	**	0	8	.	.	
VILAS	WILDCAT L	305	38	20																	**	0	20	.	.	
	Number of lakes*	89			10	11	12	11	12	10	9	10	10	10	11	10	10	10	10	6	6	10				
	Area in acres:	80,425			1169	1022	856	991	895	1058	927	306	868	190	87	62	9	0	0	0	5	5	8,450	4,579		
	Number of walleye:	26,265	13,029	26,265	13,029	1169	1022	856	991	895	1058	927	306	868	190	87	62	9	0	0	5	5	8,450	4,579		
	Number of spearer-nights:			49	59	59	58	58	60	69	43	23	59	22	12	12	2	0	0	0	5	5	537			
	Number of interviews with effort:			17	23	20	24	26	28	28	17	9	22	10	5	4	1	0	0	0	2	2	210			
	Number of interviews without effort:			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	Number of boat-hours:			381	469	520	520	487	563	663	326	149	506	209	119	120	36	0	0	0	36	36	457.9			
	Catch-per-effort:			30.7	20.9	16.5	19.1	18.4	16.0	28.4	20.5	17.2	9.1	7.3	5.2	2.5	10.0	10.0	10.0	10.0	14	14	18.5			

* Lakes not speared during spring 2001.

** Lakes open for spearing but no effort.

*** Lakes opened for muskellunge harvest only.

Appendix B Number of walleye harvested nightly on lakes selected by six Wisconsin Chippewa bands during spring 2001. Also, balance of quota, number of boat-hours, catch per effort (CPE - walleye per boat-hour), number of spearfish, number of interviews with effort, and number of interviews without effort

County	Sokaogon (Mole Lake)		Waialye		2001														Total Harvest	Quota Balance	Boat-Hour	CPE			
	Lake	Area	Sale Harvest	Tribal Quota	Apr. 21	22	23	24	25	26	27	28	29	30	May 1	2	3	4					5	6	7
FLORENCE	EMILY L	191	26	122																	0	22			
FLORENCE	FAY L	247	32	27																		0	27		
FLORENCE	HALSEY L	512	60	50																		0	50		
FLORENCE	KEYES L	202	43	25																		0	25		
FLORENCE	PATTEN L	255	80	47																		0	47		
FLORENCE	PINE R FL	127	56	47																		0	47		
FLORENCE	PINE R FL	161	13	10																		0	10		
FLORENCE	ARBUTUS L	468	194	164																		0	164		
FLORENCE	BIRCH L	1292	488	292																		291	1	16.6	17.5
FLORENCE	BUTTERNUT L	337	69	53																		0	53		
FLORENCE	CRANE L	892	357	214																		163	51	14.3	11.4
FLORENCE	FRANKLIN L	88	13	11																		0	11		
FLORENCE	GROUND HEMLOCK L	177	8	6																		0	6		
FLORENCE	HOWELL L	182	168	129																		129	0	4.8	27.2
FLORENCE	JUNGLE L	33	15	12																		0	12		
FLORENCE	KING L	1026	109	65																		60	5	5.0	12.0
FLORENCE	L LUCERNE	1991	509	305																		305	0	12.3	24.8
FLORENCE	L METONGA	211	91	54																		54	0	2.1	25.7
FLORENCE	LULY L	73	4	3																		0	3		
FLORENCE	MOLE L	1670	166	141																		0	141		
FLORENCE	PINE L	82	12	10																		0	10		
FLORENCE	RANGE LINE L	414	159	95																		95	0	5.2	18.3
FLORENCE	ROBERTS L	297	174	104																		0	104		
FLORENCE	STEVENS L	172	23	19																		0	19		
FLORENCE	TRUMP L	60	9	7																		0	7		
LANGLADE	BIG TWIN L	502	208	124																		120	4	2.6	46.2
LANGLADE	ENTERPRISE L	35	6	5																		0	5		
LANGLADE	JESSIE L	50	8	6																		0	6		
LANGLADE	LAWRENCE L	110	16	13																		0	13		
LANGLADE	MOCCASIN L	88	13	11																		0	11		
LANGLADE	MUELLER L	90	13	11																		0	11		
LANGLADE	OTTIER L	1299	27	22																		0	22		
LANGLADE	PICKEREL L	672	76	64																		0	64		
LANGLADE	ROLLING STONEL	112	16	13																		0	13		
LANGLADE	ROSE L	149	21	17																		0	17		
LANGLADE	SAMYER L	757	84	71																		0	71		
LANGLADE	UPPER POST L	166	23	19																		0	19		
LANGLADE	WHITE L	677	19	16																		0	16		
LINCOLN	ALEXANDER L	152	67	56																		0	56		
LINCOLN	DEER L	433	180	152																		0	152		
LINCOLN	JERSEY CITY FL	1369	140	118																		0	118		
LINCOLN	L ALICE	1663	112	86																		0	86		
LINCOLN	SPIRIT R FL	1018	24	20																		0	20		
MARINETTE	CALDRON FALLS RESERVOIR	1498	563	495																		0	495		
MARINETTE	HIGH FALLS RESERVOIR	247	32	27																		0	27		
MARINETTE	HILBERT L	430	63	48																		0	48		
OCONTO	ARCHIBALD L																					0	0		

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County	Sokaogen (Mole Lake)		Walleys		2001												Total Harvest	Quota Balance	Boat-Hour	CPE							
	Lake	Area	Safe Harvest	Tribal Quota	April 21	22	23	24	25	26	27	28	29	30	May 1	2					3	4	5	6	7		
OCONTO	BASS L	149	65	55																	0	55					
OCONTO	BOOT L	235	101	85																		0	85				
OCONTO	MAIDEN L	290	53	31																		0	31				
OCONTO	TOWNSEND FL	476	16	13																		0	13				
OCONTO	WHEELER L	293	125	81																		0	81				
ONEIDA	BIG FORK L	690	280	237																		0	237				
ONEIDA	BIG L	865	347	208	60																	60	148	2.0	30.0		
ONEIDA	BIG STONE L	548	226	192	74																	101	91	7.5	13.5		
ONEIDA	COLUMBUS L	670	273	232																		0	232				
ONEIDA	CRESCENT L	612	318	190																		180	10	4.9	36.7		
ONEIDA	EMMA L	223	96	81																		0	81				
ONEIDA	FOURMILE L	218	94	79																		0	79				
ONEIDA	FOURTH L	258	110	93																		0	93				
ONEIDA	HAT RAPIDS FL	650	265	225																		0	225				
ONEIDA	INDIAN L	397	48	40																		0	40				
ONEIDA	L JULIA (RHINELANDER)	238	102	86																		0	86				
ONEIDA	LAUREL L	232	100	84																		66	149	9.9	6.7		
ONEIDA	LONG L	620	253	215					66													0	62				
ONEIDA	LOWER NINEMILE L	646	74	62																		25	137	1.5	16.7		
ONEIDA	MOEN L	460	191	162				25														1118	5	46.2	24.2		
ONEIDA	PELICAN L	3685	1322	1123			5	1042	71													278	64	17.4	16.0		
ONEIDA	PLANTING GROUND L	1012	403	342					278													0	441				
ONEIDA	RHINELANDER FL	1326	520	441																		124	0	5.7	21.8		
ONEIDA	SEVENMILE L	503	208	124	40			84														3	144	1.7	1.8		
ONEIDA	SPIRIT L	368	155	147																		60	79	2.0	30.0		
ONEIDA	SQUASH L	392	164	139				60														0	63				
ONEIDA	THUNDER L	172	75	63																		0	147				
ONEIDA	THUNDER L	1768	174	147																		0	112				
ONEIDA	VIRGIN L	276	118	112																		0	7				
ONEIDA	WHITEFISH L	205	9	7																		82	39	11.8	6.9		
VILAS	BIG SAND L	1408	143	121																		0	264				
VILAS	CATFISH L	1012	441	264																		0	709				
VILAS	CRANBERRY L	956	922	709																		687	42	15.5	44.5		
VILAS	LAC VIEUX DESERT	4300	948	729																		205	4	7.7	26.6		
VILAS	LONG L	872	350	209																		349	761	13.2	26.4		
VILAS	TWIN L CHAIN	3430	1307	1110																		0	0				
	Number of lakes:	83			6	6	8	9	10	13	10	8	9	8	8	8	14	13	0	6							
	Area in acres:	53,989																									
	Number of walleye:		15,108	11,544	91	127	200	1205	799	545	771	490	25	0	32	22	60	205	0	0	0	4,572	6,972				
	Number of spearer-nights:				6	6	24	49	38	24	29	21	3	0	2	3	2	7	0	0	0	214					
	Number of interviews with effort:				3	3	9	19	13	12	12	9	2	0	1	2	1	3	0	0	0	89					
	Number of interviews without effort:				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	Number of boat-hours:				10.8	6.5	10.0	43.1	43.6	28.7	32.9	18.4	5.5	0.0	1.2	2.1	3.9	7.7	0.0	0.0	0.0	214.1					
	Catch-per-effort:				18.5	19.5	20.1	28.0	18.3	19.0	23.5	26.6	4.6	0.0	28.7	10.7	15.4	26.6	0.0	0.0	0.0	21.4					

* Lakes not speared during spring 2001
 ** Lakes open for spearing but no effort.

Appendix B. Number of walleye harvested nightly on lakes selected by six Wisconsin Chippewa bands during spring 2001. Also, balance of quota, number of boat-hours, catch per effort (CPE - walleye per boat-hour), number of spearer-nights, number of interviews with effort, and number of interviews without effort

County	Red Cliff Lake	Area	Walleye		2001 Tribal Quota	April										Total Harvest	Quota Balance	Boat-Hour	CPE
			Safe Harvest	2001		23	24	25	26	27	28	29	30	May 1	2				
BAYFIELD	DIAMOND L	341	42	35													35		*
BAYFIELD	L OWEN	1323	252	194													6	15.0	12.5
BAYFIELD	MIDDLE EAU CLAIRE L	902	361	306					166								0	11.8	25.9
BAYFIELD	NAMEKAGON L	3227	1741	695					421								87	53.8	11.3
BAYFIELD	PIKE L CHAIN	714	311	186					168								0	14.0	13.3
BAYFIELD	UPPER EAU CLAIRE L	1030	177	106													0	6.0	17.7
DOUGLAS	L NEBAGAMON	914	366	311													311		*
DOUGLAS	LOWER EAU CLAIRE L	802	323	193					193								0	9.0	21.4
DOUGLAS	UPPER ST CROIX L	855	343	205						2	18						84	17.5	6.9
SAWYER	NELSON L	2503	944	521						118	71	155					175	44.4	7.8
	Number of lakes:	10				1	1	2	2	3	3	3	3	3	3	3			
	Area in acres:	12,621																	
	Number of walleye:		4,860	2,752		0	118	73	173	527	478	88	135	171	229	62	0	0	2,054
	Number of spearer-nights:					0	11	9	16	28	32	5	6	11	16	7	2	0	143
	Number of interviews with effort:					0	4	4	7	12	14	2	3	5	7	3	1	0	62
	Number of interviews without effort:					0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Number of boat-hours:					0.0	16.0	10.1	24.2	27.1	40.6	6.4	7.3	9.5	21.9	8.0	0.5	0.0	171.5
	Catch-per-effort:					0.0	7.4	7.2	7.1	19.5	11.8	13.9	18.6	18.0	10.5	7.8	0.0	0.0	12.0

* Lakes not speared during spring 2001.

** Lakes open for spearing but no effort.

Appendix B. Number of walleye harvested nightly on lakes selected by six Wisconsin Chippewa bands during spring 2001. Also, balance of quota, number of boat-hours, catch per effort (CPE - walleye per boat-hour), number of spearer-nights, number of interviews with effort, and number of interviews without effort

County	St. Croix Lake	Walleye 2001		Interviews																Total Harvest	Quota Balance	Boat-Hour	CPE														
		Area	Trials	1	2	3	4	5	6	7	8	9	10	11	15																						
County	St. Croix Lake	Area	Trials	Harvest	18	19	20	21	22	23	24	25	26	27	28	29	30	May	3	4	5	6	7	8	9	10	11	15	Total Harvest	Quota Balance	Boat-Hour	CPE					
																																	BARRON	BEAR L	1358	61	203
BARRON	BEAVER DAM L	1112	64	117	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	24	40	20.5	1.2						
BARRON	HORSESHOE L	115	28	51	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	26	1.5	1.3							
BARRON	LOWER DEVILS L	162	39	71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	39	0	0	0						
BARRON	LOWER TURTLE L	275	15	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	0	0	0						
BARRON	RAIRIE L	1534	84	154	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	84	0	0	0						
BARRON	RED CEDAR L	1841	389	708	49	111	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	264	125	22.8	11.6							
BARRON	SAND L	322	30	76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	6	8.3	2.9							
BARRON	SILVER L	337	78	142	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32	46	4.1	7.8							
BARRON	UPPER TURTLE L	438	63	158	15	52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	57	6	3.0	19.0							
BURNETT	BIG MCKENZIE L	1185	68	124	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32	0	12.0	5.7							
BURNETT	DEVILS L	1001	30	76	32	26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26	-2	2.2	14.5							
BURNETT	LIPSETT L	393	26	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	79	0	2.3	11.6							
BURNETT	LITTLE YELLOW L	348	80	147	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	33	0	3.3	0.3						
BURNETT	ROONEY L	322	21	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	3	4.8	3.8							
BURNETT	SAND L	962	33	85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	33	0	3.8	8.7							
BURNETT	YELLOW L	2287	118	216	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	77	41	13.0	5.9							
POLK	BALSAM L	2054	108	197	1	0	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32	27	8.0	4.0							
POLK	BIG ROUND L	1015	59	108	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	36	0	3.2	11.3							
POLK	HALF MOON L	579	36	67	4	0	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	0	0	0						
POLK	MAGNOR L	224	15	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	60	4.4	0.7	0						
POLK	PIPE L	270	115	63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
POLK	WAPOGASSETT L	1186	68	124	68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
SAWYER	ROUND L	3054	0	1138	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
WASHBURN	BALSAM L	295	68	125	1	0	0	0	0	0	67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	88	0	5.3	12.8						
WASHBURN	BASS-PATTERSON L	188	48	122	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
WASHBURN	L NANCY	772	171	312	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	171	0	3.6	13.3							
WASHBURN	LONG L	3290	335	1220	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	329	6	33.8	9.7							
WASHBURN	MIDDLE MCKENZIE L	530	33	85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	8	13.8	1.8							
WASHBURN	SHELL L	2580	87	220	6	6	7	7	5	6	6	6	5	6	5	2	6	5	6	4	5	0	0	4	4	4	3	35	52	32.0	1.1						
Number of lakes:		30			6	6	7	7	5	6	6	6	5	6	5	2	6	5	6	4	5	0	0	4	4	3	2	2									
Area in acres:		28,672			73	16	151	93	0	50	334	96	274	96	92	72	73	56	28	59	3	0	0	0	0	0	1,585	753									
Number of walleye:		6,318			13	5	13	20	2	10	28	11	23	17	7	6	10	8	6	5	3	0	0	0	0	0	201										
Number of spearer-nights:					5	3	6	9	1	4	12	5	10	7	3	3	6	4	2	3	1	0	0	0	0	0	0										
Number of interviews with effort:					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
Number of interviews without effort:					6.0	5.0	10.8	17.0	0.5	5.8	30.1	17.1	29.5	25.5	9.6	6.0	13.9	12.6	7.5	10.8	2.6	0.0	0.0	1.8	1.5	18.5	10.0	9.9	0.0	0.0	0.0	0.0	0.0				
Number of boat-hours:					12.2	3.2	14.0	5.5	10.0	8.6	11.1	5.6	9.3	3.8	9.6	12.0	5.3	4.4	3.7	5.4	1.2	0.0	0.0	0.0	0.0	1.4	0.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	6.9		
Catch-per-effort:																																					

* Lakes not speared during spring 2001.
 ** Lakes open for spearing but no effort.
 *** Lakes opened for muskellunge harvest only.
 NOTE: On 4/27/01 boat-hours for one boating party on Rooney Lake in Burnett County were estimated using the average boat-hours for St. Croix. The total for 4/27 and the total boat-hour value for the season includes this estimated effort.
 On 5/11/01 St. Croix transferred their quota for Big Round Lake in Sawyer County to LCO.

Appendix B Number of walleye harvested nights, on lakes selected by six Wisconsin Chippewa bands during spring 2001. Also, balance of quota, number of boat-hours, catch per effort (CPE - walleye per boat-hour), number of spicater-nights, number of interviews with effort, and number of interviews without effort.

Six Tribal Bands Combined:	Area	May																		Total	Quota	Boat-Hour	CPE									
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15																
Number of lakes:	283																															
Area in acres:	276,873																															
Number of walleye:	76,996	45,321	73	18	282	443	143	238	3,303	2,432	3,138	3,141	2,543	1,682	1,565	705	1,352	1,571	444	190	99	71	12	8	28	162	53	27	12	0	22,743	22,578
Number of spicater-nights:		13	5	23	39	10	36	157	143	159	154	149	104	81	55	106	47	35	28	8	8	5	6	15	17	7	4	2	0	14,416		
Number of interviews with effort:		6	3	11	19	6	14	64	59	71	67	63	46	37	24	44	22	18	10	4	5	2	3	6	7	3	2	1	0	617		
Number of interviews without effort:		0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		
Number of boat-hours:		50	50	196	428	91	183	184.1	153.7	187.1	164.1	149.0	114.2	88.8	50.2	110.6	50.5	47.2	28.1	9.6	9.6	8.5	3.6	3.6	19.3	17.6	8.3	5.6	4.8	0.0		1,503.2
Catch-per-effort:		12.2	3.2	14.4	10.4	15.7	14.1	20.1	15.8	16.8	19.1	17.1	14.7	17.6	14.0	12.2	8.4	9.4	6.4	10.3	7.4	1.4	2.2	1.5	9.2	6.4	7.5	2.5	0.0		15.1	

Appendix C. Total number of walleye harvested and measured per inch group and sexed during spring in 2001. Data arranged alphabetically by tribe, county, and lake.

County	Lake	Area	INCH GROUP																													Total Measured	Total Harvested	Total Inches	Mean Length	Male	Female	Unknown	Total Sexed
			9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29																
BAYFIELD	NAMEKAGON L	3227		7	36	112	97	72	79	41	24	15	6	3	3																496	645	7088.7	14.3	563	66	16	645	
CHIPPEWA	L WISSOTA	6300		3	9	10	17	20	11	5	5	2	2	1									1								83	83	1205.7	14.5	79	4	83		
CHIPPEWA	LONG L	1052		3	10	27	19	28	27	22	8	4	1																		150	199	2169.7	14.5	189	8	2	199	
DOUGLAS	WHITEFISH L	832		1	1	2	10	41	47	31	11	2																		147	147	2404.3	16.4	121	17	9	147		
IRON	TURTLE-FLAMBEAU FL	13122		1	7	7	19	32	39	40	24	13	1	1																	177	177	2771.8	15.7	104	73	73	177	
SAWYER	CONNORS L	429		3	5	11	10	6	8	10	5	1	6	1	2								1							70	70	1066.9	15.2	27	43	43	70		
SAWYER	NELSON L	2503		3	5	11	5	5	16	12	11	2	2	3	1															50	50	827.1	16.5	47	3	3	50		
SAWYER	TEAL L	1049		2	12	81	156	180	171	73	29	5	4	3	1									1						720	720	10549.2	14.7	885	34	3	719		
VILAS	ANNABELLE L	213																												1	1	13.4	13.4	1	1	1	1		
VILAS	BLACK OAK L	584																												34	34	557.3	16.4	34	34	34	34		
VILAS	CRAB L	949		1	21	31	20	11	8	2																				95	95	1240.5	13.1	94	1	94	95		
VILAS	FOREST L	466		6	22	26	25	20	10	2	3	1	2																	115	115	1868.0	16.2	95	11	9	115		
VILAS	HARRIS L	507		6	22	26	25	20	10	2	3	1	2																	125	125	1749.4	14.0	110	15	9	125		
VILAS	HIGHL	734		3	3	3	19	14	11	6	10	6	3	3	1															70	70	1059.2	15.1	58	3	9	70		
VILAS	PRESQUE ISLE L CHAIN	1571		5	56	115	61	64	25	20	13	2	2	1	2	1	3	2	2	2	1	3	2	2	1	1	1	1	377	377	5227.8	13.9	356	19	2	377			
Sub-total:		33538		29	175	429	455	477	482	310	196	66	29	66	11	9	5	6	2	3	1	1	1	1	1	1	1	1	2,710	2,908	39,779.0	14.7	2,563	178	166	2,907			

Appendix C (continued) Total number of walleye harvested and measured per inch group and sexed during spring in 2001. Data arranged alphabetically by Inbe, county, and lake.

County	Lake	Area	INCH GROUP																										Total Measured	Total Harvested	Total Inches	Mean Length	Male	Female	Unknown	Total Sexed
			8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29												
RUSK	POTATO L	534				1	2																					1	8	158.0	19.8	7	1		8	
RUSK	PULASKI L	126			1	2	1	2	7	15	4	3	1	1															53	924.0	17.4	46	6	1	53	
RUSK	SAND L	262			1	2	5	6	2	2	1	2	1	1														18	313.4	17.4	16	2		18		
SAWYER	DURPHEE L	193			1	1	1	1	2	2	2	1	1	1														7	122.1	17.4	6	1		7		
SAWYER	GRINDSTONE L	3111			1	10	16	15	41	35	22	16	7	4	1	1	1											170	2909.6	17.1	148	12	10	170		
SAWYER	L CHETAC	1920			5	8	90	100	63	29	24	19	3	4	2	1	1	1	1	1	1							403	6341.2	15.7	356	9	38	403		
SAWYER	L CHIPPEWA	15300	1	2	73	208	277	288	238	168	82	43	20	14	15	12	6	7	3	4	3							1471	21841.8	14.9	1268	129	74	1471		
SAWYER	LAC COURTE OREILLES	5039			5	5	2	1	16	44	62	63	15	8	5	2	3											232	4308.3	18.6	195	23	24	232		
SAWYER	LOST LAND L	1304			1	1	1	4	3	1	1	1	1	1													13	214.0	16.5	7	2	4	13			
SAWYER	ROUND L	3054			4	19	76	105	121	88	53	30	12	4	3	2	1	1	1	1							519	8094.0	15.6	350	7	162	519			
SAWYER	SAND L	928			4	2	4	5	6	1	3	1	2	1	1	4	1										14	276.8	19.8	4	2	8	14			
SAWYER	SISSABAGAMA L	719			4	2	4	5	6	1	3	1	2	1	1	1	2	2									32	507.9	15.9	16	2	14	32			
SAWYER	SMITH L	323																									2	34.8	17.4	2			2			
SAWYER	SPIDER L	1454																									80	1338.3	16.7	40		40	80			
SAWYER	WHITEFISH L	786																									73	1381.9	18.9	34	37	2	73			
SAWYER	WINDFALL L	102			2	3	7	2	1	8	8	1	1	1	3	1	1	1	1	1							39	642.5	16.5	31	7	1	39			
WASHBURN	BIRCH L	368			1	1	6	2	3	1	7	11	2	3	1												38	646.6	17.0	34	1	3	38			
WASHBURN	LONG L	3290																									2	36.1	18.1	2			2			
	Sub-total:	38813	1	3	7	91	252	444	524	527	413	318	237	166	61	46	29	15	15	11	6	6	1	1	1	3,174	50,191.3	15.8	2,552	240	382	3,174				

Appendix C (continued). Total number of walleye harvested and measured per inch group and sexed during spring in 2001. Data arranged alphabetically by tribe, county, and lake.

County	Lake	Area	INCH GROUP																												Total Meas.	Total Harv.	Total Inches	Mean Length	Male	Female	Unk.	Total Sexed
			8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29														
IRON	TURTLE-FLAMBEAU FL	13,122	4	5	9	26	31	67	96	68	37	7	8	1	1	4	1													297	2	66	365					
LINCOLN	L MOHAWK SIN	1,910	1	2	11	14	29	15	5	2	2	1	1		1														78	2	2	82						
LINCOLN	RICE R FL CHAIN	3,764	1	6	26	65	86	70	31	7	1	1		1															327	36	17	380						
ONEIDA	BEARSKIN L	400	1	1	8	9	22	33	14	16	14	1	6	2	2														117	32	1	150						
ONEIDA	BUCKSKIN L	634																											101	17	6	124						
ONEIDA	CARROL L	335	1																										12	1	1	13						
ONEIDA	CLEAR L	846																											98	30	26	154						
ONEIDA	DAM L	744																											108	21	10	139						
ONEIDA	GEORGE L	435																											64	13	1	78						
ONEIDA	HASBROOK L	302																											55	14		69						
ONEIDA	KATHERINE L	295																											7	7	14	21						
ONEIDA	ISLAND L	590																											93	11	23	127						
ONEIDA	KAWAGUESAGA L	670																											96	17	1	114						
ONEIDA	LITTLE FORK L	354																											67	12	1	80						
ONEIDA	MANSON L	236																											29	2	9	40						
ONEIDA	MEDICINE L	372																											72	6	5	83						
ONEIDA	MINOCCUA L	1,360																											138	11	52	201						
ONEIDA	MUSKELLUNGE L	284																											1	22	22	23						
ONEIDA	PICKEREL L	736																											12	2	14	14						
ONEIDA	RAINBOW FL	2,035																											22	22	22	22						
ONEIDA	SAND L	540																											85	30	2	117						
ONEIDA	SQUIRREL L	1,317																											162	26	23	211						
ONEIDA	TOMAHAWK L CHAIN	3,552																											153	22	17	192						
ONEIDA	TWO SISTERS L	719																											93	3	3	99						
ONEIDA	WILLOW FL	5,135																											201	40	2	243						
PRICE	BUTTERNUT L	1,006																											202	11	5	218						
PRICE	LAC SAULT DORE	561																											44	13	21	78						
PRICE	PIKE L	806																											111	9	13	133						
PRICE	ROUND L	726																											138	18	5	161						
PRICE	TURNER L	149																											19	1	8	28						
VILAS	ALDER L	274																											76	9	1	86						
VILAS	ANVIL L	380																											104	4	5	113						
VILAS	BIG ARBOR VITAE L	1,090																											98	4	21	123						
VILAS	BIG L (BOULDER JCT)	835																											125	6	6	131						
VILAS	BIG L (MI BORDER)	771																											81	16	44	141						
VILAS	BIG MUSKELLUNGE L	930																											127	8	4	139						
VILAS	BIG PORTAGE L	638																											220	13	14	247						
VILAS	BIG ST GERMAIN L	1,617																											15.7	11	27	117						
VILAS	BOULDER L	524																											61	6	6	67						
VILAS	CLEAR L	555																											15.8	1	4	57						
VILAS	DEAD PIKE L	297																											20.7	3	8	8						

Appendix C (continued). Total number of walleye harvested and measured per inch group and sexed during spring in 2001. Data arranged alphabetically by tribe, county, and lake.

Lac du Flambeau		INCH GROUP																													Total Meas.	Total Harv.	Total Inches	Mean Length	Male	Female	Unk.	Total Sexed
County	Lake	Area	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29														
VILAS	EAGLE L	572		2	9	25	31	33	19	12	5	2	1	1														139	1967.3	119	14	6	139					
VILAS	FISHTRAP L	329			3	4	10	8	1	3	2	1	1	1							1						36	577.1	29	7	36							
VILAS	HORSEHEAD L	234			3	8	13	12	5	6	6	1	1	2							1						59	949.6	21	2	36							
VILAS	ISLAND L	1,023			1	12	30	42	42	8	1	3	4								1						144	2131.0	131	6	7	144						
VILAS	JAG L	158																			1	1	1				3	80.1		3	3							
VILAS	L LAURA	599			3	20	28	22	13	10	10	4	5								2				1		123	1883.9	60	2	61	123						
VILAS	LITTLE ARBOR VITAE L	534			5	19	49	18	5	2	3	3	2	1	1						3						114	1640.2	109	3	2	114						
VILAS	LITTLE JOHN L	166			7	10	9	6	4	1	4	1	4	1	2												44	664.5	42	2		44						
VILAS	LITTLE ST GERMAIN L	980																									10	214.8	5	5	10							
VILAS	LYNX L	339		1	2	3	2	3	3	3	1	1	1	1	3						1						22	337.9	9	3	10	22						
VILAS	OXBOW L	511	1		1	7	16	3	1	1	1	1	1	1	1												33	470.7	20	13	33							
VILAS	PAPOOSE L	428					7	27	27	16	10	1	3	4	1												97	1536.9	74	17	6	97						
VILAS	PLUM L	1,033			1	6	19	44	31	19	16	11	7	3	3						1						160	2367.6	134	16	11	161						
VILAS	RAZORBACK L	362			3	3	11	27	20	17	10	5	2	3													99	1512.1	66	12	21	99						
VILAS	REST L	608			1	2	17	15	9	8	3	5															63	906.7	54	2	7	63						
VILAS	SNIPE L	239			1	3	15	3	1	1	1	1	1	1	1												26	379.3	17	2	7	26						
VILAS	SPIDER L	272					2	9	6	1	1	1	1	1													19	283.9	19	19	19							
VILAS	SQUAW L	785			4	27	41	25	21	18	1	4	2														143	1903.3	111	25	7	143						
VILAS	STAR L	1,206			2	4	31	49	43	49	34	20	8	4	2						1						247	3670.1	227	10	10	247						
VILAS	TROUT L	3,816					8	22	47	34	44	20	32	9	5						3	6	1	1	2		241	4239.8	179	21	41	241						
VILAS	WHITE SAND L	728			1	7	2	5	13	9	5																45	689.9	39	4	2	45						
Sub-total:		66,768	1	7	41	240	673	1,187	1,313	1,268	906	534	258	191	74	69	52	35	24	24	22	11	6	4	6,940	8,450	105,964.1	15	5,517	612	751	6,880						

Appendix C (continued). Total number of walleye harvested and measured per inch group and sexed during spring in 2001. Data arranged alphabetically by tribe, county, and lake.

Mole Lake (Sokoagon)		Area	INCH GROUP																											Total Measured	Total Harvested	Total Inches	Mean Length	Male	Female	Unknown	Total Sexed
County	Lake		7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27														
FOREST	BUTTERNUT L	1292				1	10	14	25	29	63	43	39	28	19	4	5	4	2	1	1	2	1	291	291	4747.9	16.3	197	48	44	289						
FOREST	FRANKLIN L	892				5	6	3	4	4	13	33	46	31	7	5	3	1	1					163	163	2901.6	17.8	72	62	29	163						
FOREST	JUNGLE L	182				9	17	18	36	37	9													129	129	1969.4	15.3	120	9		129						
FOREST	L LUCERNE	1026				1	5	6	13	11	12	4	3	1					3	1				60	60	1066.0	17.8	51	8	1	60						
FOREST	L METONGA	1991				1	7	21	42	72	53	43	27	27	3	1			2	5				305	305	5020.3	16.5	207	75	23	305						
FOREST	LILY L	211				2	16	16	26	23	8			3					1					54	54	768.6	14.2	51	3		54						
FOREST	ROBERTS L	414				2	16	16	26	23	8													95	95	1310.8	13.8	81	6		95						
LANGLADE	ENTERPRISE L	502				2	16	16	26	23	8													120	120	1705.7	14.2	101	13	6	120						
LANGLADE	SAWYER L	149				3	13	35	36	25	6													17	17	255.1	15.0	16	1		17						
ONEIDA	BIG L	865				3	8	14	17	8	5	3	1	1										60	60	802.1	13.4	56	1	3	60						
ONEIDA	BIG STONE L	548			4	9	27	17	14	9	6	3	7	1	2				1					101	101	1325.6	13.1	92	9		101						
ONEIDA	CRESCENT L	612				2	21	48	55	28	12	5	1	1										180	180	2470.4	13.7	172	7	1	180						
ONEIDA	LONG L	820				1	6	16	16	14	5	1	3	2										66	66	911.2	13.8	55	11		66						
ONEIDA	MOEN L	460				5	7	3	5	3														25	25	335.4	13.4	23	2		25						
ONEIDA	PELICAN L	3585				3	41	197	203	202	214	101	67	39	16	7	7	9	9	3				1118	1118	17642.0	15.8	994	117	7	1118						
ONEIDA	PLANTING GROUND L	1012				5	24	43	68	50	28	22	12	5	4	4	6	1	2					278	278	4026.4	14.5	220	56	2	278						
ONEIDA	SEVENMILE L	503				1	17	21	17	34	16	6	7	1										124	124	1881.6	15.2	109	13	2	124						
ONEIDA	SPIRIT L	368				1				1														3	3	42.7	14.2	1			3						
ONEIDA	SQUASH L	392					3	12	9	11	10	6	5											60	60	948.9	15.8	55	4	1	60						
VILAS	BIG SAND L	1408				1	5	3	12	21	9	15	2	7	3									82	82	1346.5	16.4	77	5		82						
VILAS	LAC VIEUX DESERT	4300				3	10	49	95	117	107	100	92	45	25	14	13	4	5	3	2			687	687	10917.1	15.9	629	58		687						
VILAS	LONG L	872				3	10	49	95	117	107	100	92	45	25	14	13	4	5	3	2			205	205	3603.4	17.6	190	15		205						
VILAS	TWIN L CHAIN	3430				3	47	85	57	34	39	23	19	18	8	4	4	5	2					349	349	5054.6	14.5	323	20	6	349						
Sub-total:		25634	1	0	4	33	187	418	713	686	720	618	460	305	192	71	48	95	28	28	12	9	4	4,572	4,572	71,053.3	15.5	3,892	543	135	4,570						

Appendix C. (continued). Total number of walleye harvested and measured per inch group and sexed during spring in 2001. Data arranged alphabetically by tribe, county, and lake.

County	Red Cliff Lake	Area	INCH GROUP																											Total Measured	Total Harvested	Total Inches	Mean Length	Male	Female	Unknown	Total Sexed
			9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28															
BAYFIELD	L OWEN	1323				1	6	18	20	20	36	14	12	4	1	1														134	188	2263.5	16.9	118	21	2	141
BAYFIELD	MIDDLE EAU CLAIRE L	902	1	5	28	69	81	60	24	13	6	6	6	2	2	1	1	1											306	306	4580.8	15.0	275	28	3	306	
BAYFIELD	NAMEKAGON L	3227	1	5	34	66	44	49	27	20	14	6	6	1	1	1	1	1											337	608	4804.1	14.3	296	26	15	337	
BAYFIELD	PIKE L CHAIN	714	1	3	22	46	38	24	5	3	1	3	2	5	1	1	1	2	1	1									159	186	2375.9	14.9	132	14	13	159	
BAYFIELD	UPPER EAU CLAIRE L	1030			6	16	17	12	18	18	9	3	1	1	1	1													106	106	1719.3	16.2	96	7	3	106	
DOUGLAS	LOWER EAU CLAIRE L	802			7	20	35	28	36	14	8	7	1	1	1														157	193	2451.0	15.6	141	15	1	157	
DOUGLAS	UPPER ST CROIX L	855			1	4	12	27	21	32	15	5	3	1	1														121	121	1896.4	15.7	114	5	2	121	
SAWYER	NELSON L	2503				5	14	46	89	69	44	30	17	15	5	1	4	1	4	1									346	346	5775.4	16.7	242	98	6	346	
	Sub-total:	11356	1	7	43	139	251	306	303	231	163	87	57	29	15	6	8	1	7	3	4	5	1,666	2,054	25,866.4	15.5	1,414	214	45	1,673							

Appendix C (continued). Total number of walleye harvested and measured per inch group and sexed during spring in 2001. Data arranged alphabetically by tribe, county, and lake

County	St. Croix Lake	Area	INCH GROUP																														Total Measured	Total Harvested	Total Inches	Mean Length	Male	Female	Unknown	Total Sexed
			11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30																		
BARRON	BEAR L	1358										1	1																2	4	106.5	4	4			4				
BARRON	BEAVER DAM L	1112				3	2					1	1																1	24	538.6	7	14	3		24				
BARRON	HORSESHOE L	115						1				1																	2	2	41.6	1	1	1		2				
BARRON	RED CEDAR L	1841		5	6	4	38	68	39	11	2	1	2																264	4485.5	254	9	1	1	264					
BARRON	SAND L	322		1	5	3	5	7		3																		24	24	393.7	17	5	2		24					
BARRON	SILVER L	337		3	7	4	4	1	6	3	3															1		32	32	541.5	31	1	1		32					
BARRON	UPPER TURTLE L	438		1			8	13	18	7	1	3	1	2	1													57	1065.8	18.7	50	7	7		57					
BURNETT	BIG MCKENZIE L	1185				5	17	17	18	4	2	2																68	1152.0	16.9	59	8	1	1	68					
BURNETT	DEVILS L	1001		1	1	4	3	3	6	8	2	2																32	32	564.0	17.6	28	3	1	32					
BURNETT	LIPSETT L	393				1	2	5	4	8	4	1																26	468.3	18.0	25	1			26					
BURNETT	LITTLE YELLOW L	348								1																		1	1	18.3			1		1					
BURNETT	ROONEY L	322							2	2	5																	11	18	217.5	19.8	11			11					
BURNETT	SAND L	962		1	1	4	3	4	11	4	1	3																33	602.0	18.2	31	2	2		33					
BURNETT	YELLOW L	2287		2	4	23	16	12	5	6	6	1																77	1237.8	16.1	63	3	11		77					
POLK	BALSAM L	2054		6	21	14	15	5	8	13	10	6	3	2	2													108	1800.5	16.7	100	7	1	1	108					
POLK	BIG ROUND L	1015					1	1	4	10	6	2	3	1														32	32	632.7	19.8	27	5		32					
POLK	HALF MOON L	579		2	1	2	5	4	13	4	1	2	2															36	649.9	18.1	32	2	2		36					
POLK	PIPE L	270					1			1																		3	3	54.6	18.2	2	1		3					
POLK	WAGOASSET L	1186		2	1	2	15	23	16	7	1																	68	1122.9	16.5	68				68					
WASHBURN	BALSAM L	295				4	6	7	19	12	11	3	2	2	1													68	1225.0	18.0	50	18			68					
WASHBURN	BASS-PATTERSON L	188		6	6	11	9	8	3	3		1																48	786.4	16.4	44	4			48					
WASHBURN	L NANCY	772		1	10	19	43	57	26	12	2	1																171	2753.2	16.1	167	3	1	1	171					
WASHBURN	LONG L	3290		1	2	33	71	68	59	43	21	3	5	6	3	3												329	5696.6	17.3	291	30	8		329					
WASHBURN	MIDDLE MCKENZIE L	530					1	4	5	3	6	3	2															25	470.4	18.8	16	4	5		25					
WASHBURN	SHELL L	2580				1	5	4	10	4	2	3																35	622.7	17.8	17	3	15		35					
	Sub-total:	24780	2	19	59	134	260	316	299	222	118	31	31	21	17	11	7	14	11	2	1	3	1	3	1	1	1	1578	27,248.0	17.3	1,391	135	52		1,578					

Appendix D. Number of walleye per inch group taken during spring spearing seasons from 1985-2001

Inch Group	Number of walleye in																	Percent of Total	Cumulative Percent		
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001			Year Total	
5																		4	0.0%	0.0%	
6		1																8	0.0%	0.0%	
7																		25	0.0%	0.0%	
8																		204	0.1%	0.1%	
9																		1,273	0.4%	0.5%	
10	2	3	17	10	3	14	4	36	45	63	32	39	79	104	20	33	738	5,234	1.7%	2.1%	
11	5	49	123	121	60	183	306	229	243	386	219	233	372	505	162	169	1,930	17,028	5.4%	7.5%	
12	31	358	558	678	306	649	925	957	957	1,186	1,311	1,026	1,230	1,817	988	961	3,109	34,771	11.0%	18.5%	
13	140	680	1,282	1,688	925	1,513	1,979	2,444	2,444	2,170	2,955	2,532	2,262	3,258	2,861	2,541	3,440	35,660	15.9%	34.4%	
14	265	928	1,892	2,755	1,684	2,370	2,582	3,507	3,636	3,110	4,113	3,879	3,242	3,951	4,598	4,213	3,560	50,285	17.1%	51.5%	
15	286	1,068	2,133	3,289	2,222	2,917	3,289	2,777	3,252	3,666	4,360	4,305	3,570	3,890	4,548	5,190	2,794	54,299	14.8%	66.3%	
16	293	985	1,895	2,951	2,154	2,856	2,951	2,543	2,375	3,368	3,768	3,867	3,390	3,281	3,364	4,759	1,970	46,930	10.9%	77.3%	
17	247	939	1,666	2,311	1,919	2,295	2,031	1,696	1,993	2,517	2,703	2,805	2,548	2,443	2,286	3,235	1,175	34,609	7.8%	85.1%	
18	172	801	1,374	1,658	1,390	1,862	1,687	1,207	1,323	1,796	1,756	1,864	1,580	1,819	1,643	2,294	753	24,779	7.0%	90.3%	
19	145	458	1,113	1,297	1,010	1,288	1,216	878	812	1,120	1,159	970	1,129	1,094	1,003	1,402	288	16,382	5.2%	93.7%	
20	118	255	811	932	634	932	811	562	589	850	729	617	639	706	599	831	220	10,835	3.4%	95.6%	
21	33	149	513	596	328	556	590	261	308	383	440	358	378	338	307	376	152	6,066	1.9%	96.8%	
22	25	72	259	316	210	307	303	199	218	267	238	240	237	260	258	275	108	3,792	1.2%	97.7%	
23	18	50	148	214	109	202	249	171	148	205	195	156	186	183	193	208	85	2,720	0.9%	98.3%	
24	11	23	116	134	67	100	111	85	101	145	158	120	142	134	165	154	63	2,058	0.6%	98.8%	
25	7	10	76	89	48	107	102	66	80	98	109	97	98	81	87	82	37	1,274	0.4%	99.2%	
26	9	3	57	75	45	71	86	65	54	91	80	64	85	91	78	61	15	1,027	0.3%	99.5%	
27	10	3	42	56	31	63	46	42	33	55	57	51	56	53	58	38	7	701	0.2%	99.8%	
28	5	1	28	32	18	30	39	25	27	30	36	37	32	49	27	24	3	443	0.1%	99.9%	
29	8		25	30	8	15	15	17	12	12	16	15	13	22	16	8		232	0.1%	100.0%	
30	11		8	9	3	5	6	6	1	5	3	6	4	5	9	8		89	0.0%	100.0%	
31	6		2	2	2	1	1	1	1	1	1	1	1	1	1	1		17	0.0%	100.0%	
32	2																	5	0.0%	100.0%	
33	1																	1	0.0%	100.0%	
34																				0.0%	
35																				0.0%	
36																				0.0%	
37																				0.0%	
Total No. Measured:	1,868	6,842	14,224	19,368	13,254	18,500	18,551	16,226	19,903	21,726	24,605	22,999	21,399	24,204	23,371	26,984	20,639	316,663	100%	100%	
Total Length:	30,382	106,051	226,789	306,926	211,645	295,047	291,543	275,331	301,713	335,322	375,476	348,750	327,444	363,297	354,052	415,478	320,102	4,685,348			
Average Length:	16.3	15.5	15.9	15.8	16.0	15.9	15.7	15.1	15.2	15.4	15.3	15.2	15.3	15.0	15.1	15.4	15.5	15.4			
Total No. Spared:	2,761	6,940	21,321	25,969	16,054	25,348	23,018	21,188	24,532	25,922	30,249	28,327	24,002	27,218	26,105	30,367	22,743	382,064			
Percent Measured:	68%	99%	67%	75%	83%	73%	81%	86%	81%	84%	81%	81%	89%	89%	90%	89%	91%	83%			

Appendix E. Number of muskellungs harvested nightly on lakes speared by six Wisconsin Chippewa bands during spring spearing 2001

County	Lake	Area	Tribe	2001 Harvest	2001 Safe	2001 Declaration	April							May							Total Harvest	Quota Balance						
							20	21	22	23	24	25	26	27	28	29	30	1	2	3			4	5	6	7	8	9
ASHLAND	BEAR L	204	BRV	6	3	3																			0	3		
BAYFIELD	NAMEKAGON L	3,227	BRV	41	12	12																				0	12	
CHIPPewa	HOLCOMBE FL	3,890	BRV	46	13	13																				0	13	
CHIPPewa	L WISSOTA	6,300	BRV	63	37	37																				0	37	
CHIPPewa	LONG L	1,052	BRV	19	11	11																				0	11	
DOUGLAS	AMNICON L	426	BRV	10	5	5																				0	5	
DOUGLAS	DOUWING L	154	BRV	5	2	2																				0	2	
IRON	ECHOL	220	BRV	6	3	3																				0	3	
IRON	FISHER L	452	BRV	11	6	6																				0	6	
IRON	L OF THE FALLS	338	BRV	9	5	5																				0	5	
IRON	LONG L	396	BRV	10	5	5																				0	5	
IRON	PINE L	312	BRV	8	4	4																				0	4	
IRON	SPIDER L	352	BRV	9	5	5																				0	5	
IRON	TRUDE L	792	BRV	16	9	9																				0	9	
IRON	TURTLE-FLAMBEAU FL	13,122	BRV	101	20	20																			1	19		
ONEIDA	RAINBOW FL	2,035	BRV	30	8	8																				0	8	
PRICE	DUROY L	379	BRV	9	5	5																				0	5	
PRICE	LONG L	418	BRV	10	5	5																				0	5	
PRICE	SOLBERG L	859	BRV	17	10	10																				0	10	
RUSK	CHAIN L	468	BRV	11	6	6																				0	6	
RUSK	DAIRYLAND RESERVOIR	1,745	BRV	27	16	16																				0	16	
RUSK	ISLAND L	526	BRV	12	7	7																				0	7	
RUSK	CONNORS L	429	BRV	10	5	5																				0	5	
SAWYER	TEAL L	1,049	BRV	19	11	11																				0	9	
SAWYER	RIB L	320	BRV	8	4	4																				0	4	
TAYLOR	ANNABELLE L	213	BRV	6	3	3																				0	3	
VILAS	AVERILL L	71	BRV	3	1	1																				0	1	
VILAS	CRAB L	949	BRV	18	10	10																				0	10	
VILAS	HARRIS L	507	BRV	11	6	6																				0	6	
VILAS	HIGH L	734	BRV	15	8	8																				0	8	
VILAS	MAMIE L	400	BRV	9	5	5																				0	5	
VILAS	N TURTLE L	369	BRV	9	5	5																				0	5	
VILAS	PRESQUE ISLE L	1,280	BRV	22	13	13																				0	13	
VILAS	S TURTLE L	454	BRV	11	6	6																				0	6	
VILAS	TENDERFOOT L	437	BRV	9	5	5																				0	5	
VILAS	VAN VLIET L	220	BRV	6	3	3																				0	3	
Bad River sub-total:				632		282	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	5	277

Appendix E. Number of muskellunge harvested nightly on lakes speared by six Wisconsin Chippewa bands during spring spearing 2001.

County	Lake	Area	Tribe	2001 Safe Harvest	2001 Declaration	2001										Total Harvest	Quota Balance											
						Apr 20	Apr 21	Apr 22	Apr 23	Apr 24	Apr 25	Apr 26	Apr 27	Apr 28	Apr 29			Apr 30	May 1	May 2	May 3	May 4	May 5	May 6	May 7	May 8	May 9	May 10
CHIPPEWA	HOLCOMBE FL	3,890	LCO	46	10																					0	10	
RUSK	AMACOY L	278	LCO	7	4																					0	4	
RUSK	POTATO L	534	LCO	12	10	1	2																			3	7	
RUSK	SAND L	262	LCO	7	4																					0	4	
SAWYER	BARBER L	236	LCO	7	4																					0	4	
SAWYER	GRINDSTONE L	3,111	LCO	20	15			15																		15	0	
SAWYER	L CHIPPEWA	15,300	LCO	74	44			1																		8	36	
SAWYER	L OF THE PINES	273	LCO	7	4																					0	4	
SAWYER	LAC COURTE OREILLES	5,039	LCO	26	21																					11	10	
SAWYER	LOST LAND L	1,304	LCO	22	13																					1	12	
SAWYER	ROUND L	3,054	LCO	39	23																					2	21	
SAWYER	SAND L	928	LCO	18	14																					5	9	
SAWYER	SISSABAGAMA L	719	LCO	15	10																					2	8	
SAWYER	SPIDER L	1,454	LCO	24	14																					1	13	
SAWYER	TIGER CAT FL	819	LCO	16	9																					0	9	
SAWYER	WHITEFISH L	786	LCO	16	9																					7	2	
	Lac Courte Oreilles sub-total:			366	208	1	0	0	2	4	5	4	4	0	2	16	5	3	9	2	0	1	0	0	0	0	55	153

Appendix E Number of muskellunge harvested nightly on lakes speared by six Wisconsin Chippewa bands during spring spearing 2001

County	Lake	Area	Tribe	2001 Safe Harvest	2001 Declaration	2001							Total Harvest	Quota Balance															
						April	May																						
						20	21	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11		
IRON	GILE FL	3,384	LDF	42	21																						0	21	
IRON	TURTLE-FLAMBEAU FL	13,122	LDF	101	30																							0	30
LINCOLN	L MOHAWKSN	1,910	LDF	29	14																							0	14
LINCOLN	L NOKOMIS (RICE R FL CHAIN)	2,433	LDF	34	17																						3	14	
LINCOLN	RICE R FL (RICE R FL CHAIN)	920	LDF	17	8					2	1																	0	8
ONEIDA	BEARSKIN L	400	LDF	10	5						1																1	4	
ONEIDA	BOOM L	437	LDF	10	5																							0	5
ONEIDA	BOOTH L	207	LDF	6	3																							0	3
ONEIDA	BRIDGE L (RICE R FL CHAIN)	411	LDF	10	5																							0	5
ONEIDA	BUCKSKIN L	634	LDF	9	4						4																	4	0
ONEIDA	CARROL L	335	LDF	8	4																							0	4
ONEIDA	CLEAR L	846	LDF	16	8																							2	6
ONEIDA	DAM L	744	LDF	15	7																							0	7
ONEIDA	GEORGE L	435	LDF	10	5																							1	4
ONEIDA	GILMORE L	301	LDF	8	4																							0	4
ONEIDA	HASBROOK L	302	LDF	8	4																							0	4
ONEIDA	ISLAND L	295	LDF	8	4																							0	4
ONEIDA	JULIA L (THREE LAKES)	401	LDF	10	5																							0	5
ONEIDA	KATHERINE L	590	LDF	13	6																							4	2
ONEIDA	KAWAGUESAGA L	670	LDF	14	7																							0	7
ONEIDA	L THOMPSON	382	LDF	9	4																							0	4
ONEIDA	LITTLE FORK L	354	LDF	9	4																							0	4
ONEIDA	LITTLE TOMAHAWK L (TOM. CHAIN)	160	LDF	5	2																							0	2
ONEIDA	MADELINE L	159	LDF	5	2																							0	2
ONEIDA	MANSON L	236	LDF	7	3																							0	3
ONEIDA	MEDICINE L	372	LDF	9	4																							0	4
ONEIDA	MINOQUA L	1,360	LDF	23	11																							1	2
ONEIDA	MUSKELLUNGE L	284	LDF	7	3																							0	4
ONEIDA	N NOKOMIS L	476	LDF	11	5																							0	5
ONEIDA	PICKEREL L	736	LDF	15	7																							0	7
ONEIDA	RAINBOW FL	2,035	LDF	30	7																							0	7
ONEIDA	SAND L	540	LDF	12	6																							0	6
ONEIDA	SHISHOGAMA L	716	LDF	7	3																							0	3
ONEIDA	SQUIRREL L	1,317	LDF	22	11																							0	11
ONEIDA	TOMAHAWK L (TOM. CHAIN)	3,392	LDF	42	21																							7	14
ONEIDA	TWO SISTERS L	719	LDF	15	7																							2	5
ONEIDA	WILLOW FL	5,135	LDF	55	27																							0	27
PRICE	BUTTERNUT L	1,006	LDF	19	9																							2	7
PRICE	LAC SAULT DORE	561	LDF	12	6																							0	6
PRICE	PIKE L	806	LDF	16	8																							0	8
PRICE	ROUND L	726	LDF	15	7																							0	7
PRICE	TURNER L	149	LDF	5	2																							1	1
VILAS	ALDER L	274	LDF	7	3																							0	3
VILAS	BALLARD L	505	LDF	11	5																							0	5
VILAS	BIG ARBOR VITAE L	1,090	LDF	20	10																							3	4
VILAS	BIG L (BOULDER JCT)	835	LDF	16	8																							2	6

Appendix E: Number of muskellunge harvested nightly on lakes speared by six Wisconsin Chippewa bands during spring spearing 2001

County	Lake	Area	Tribe	2001 Safe Harvest	2001 Declaration	2001												Total Harvest	Quota Balance											
						April	May																							
						20	21	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11			
FOREST	LILY L	211	MLK	6	3																								0	3
FOREST	RILEY L	213	MLK	6	3																								0	3
FOREST	ROBERTS L	414	MLK	16	9																							1	8	
FOREST	WABIKON L	594	MLK	21	12																							0	12	
LANGLADE	DEEP WOOD L	72	MLK	3	1																							0	1	
LANGLADE	ENTERPRISE L	502	MLK	11	6																							0	6	
LANGLADE	GREATER BASS L	246	MLK	7	4																							0	4	
LANGLADE	MOCCASIN L	110	MLK	4	2																							0	2	
LANGLADE	SUMMIT L	282	MLK	7	4																							0	4	
LANGLADE	ALEXANDER L	677	MLK	14	8																							0	8	
LINCOLN	JERSEY CITY FL	433	MLK	10	5																							0	5	
LINCOLN	L ALICE	1,369	MLK	23	13																							0	13	
LINCOLN	SPIRIT R FL	1,663	MLK	26	15																							0	15	
MARINETTE	CALDRON FALLS RESERVOIR	1,018	MLK	19	11																							0	11	
OCONTO	ARCHIBALD L	430	MLK	10	5																							0	5	
OCONTO	BOOT L	235	MLK	7	4																							0	4	
OCONTO	BIG FORK L	690	MLK	14	8																							0	8	
ONEIDA	BIG L	865	MLK	17	10																							0	10	
ONEIDA	BIG STONE L	548	MLK	12	7																							0	7	
ONEIDA	BIG STONE L	612	MLK	13	7																							3	4	
ONEIDA	CRESCENT L	218	MLK	6	3																							0	3	
ONEIDA	FOURMILE L	258	MLK	7	4																							0	4	
ONEIDA	FOURTH L	397	MLK	10	5																							0	5	
ONEIDA	INDIAN L	232	MLK	6	3																							0	3	
ONEIDA	LAUREL L	620	MLK	13	7																							0	7	
ONEIDA	LONG L	460	MLK	11	6																							0	6	
ONEIDA	MOEN L	3,585	MLK	44	26																							17	9	
ONEIDA	PELICAN L	1,012	MLK	19	11																							0	11	
ONEIDA	PLANTING GROUND L	1,326	MLK	22	13																							0	13	
ONEIDA	RHINELANDER FL	503	MLK	11	6																							0	5	
ONEIDA	SEVENMILE L	368	MLK	9	8																							0	8	
ONEIDA	SPIRIT L	172	MLK	5	2																							0	2	
ONEIDA	THUNDER L	276	MLK	7	6																							0	6	
ONEIDA	VIRGIN L	205	MLK	6	3																							0	3	
ONEIDA	WHITEFISH L	1,408	MLK	23	13																							1	12	
VILAS	BIG SAND L	1,012	MLK	19	11																							0	11	
VILAS	CATFISH L	956	MLK	18	10																							0	10	
VILAS	CRANBERRY L	967	MLK	18	10																							0	10	
VILAS	KENTUCK L	4,300	MLK	32	19																							0	19	
VILAS	LAC VIEUX DESERT	872	MLK	17	10																							0	10	
VILAS	LONG L	2,788	MLK	37	22																							11	11	
VILAS	N TWIN L	642	MLK	14	8																							0	8	
VILAS	S TWIN L		MLK	14	8																							0	8	
	Mole Lake sub-total:			600	343	0	0	0	5	13	3	0	1	9	1	0	0	2	0	0	0	0	0	0	0	0	0	34	309	

Appendix E: Number of muskellunge harvested nightly on lakes speared by six Wisconsin Chippewa bands during spring spearing 2001

County	Lake	Area	Tribe	2001 Safe Harvest	2001 Declaration	2001											Total Harvest	Quota Balance											
						April	May																						
						20	21	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11		
BAYFIELD	BUSKEY BAY	100	RCF	3	1																							0	1
BAYFIELD	HART L	259	RCF	7	4																							0	4
BAYFIELD	L MILLICENT	183	RCF	5	2																							0	2
BAYFIELD	MIDDLE EAU CLAIRE L	902	RCF	17	10								1															1	9
BAYFIELD	NAMEKAGON L	3,227	RCF	41	12																							0	12
BAYFIELD	TWIN BEAR L	172	RCF	5	2								1															1	1
BAYFIELD	UPPER EAU CLAIRE L	1,030	RCF	19	11																							0	11
DOUGLAS	LOWER EAU CLAIRE L	802	RCF	16	9																							0	9
	Red Cliff sub-total:			113	51	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	49

Appendix F. Number of muskellunge per inch group taken during spring spearing seasons from 1985-2001

Inch Group	Number of muskellunge in:																	Percent of Total	
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001		Year Total
13						1												1	0.0%
14											1								0.0%
15											1							1	0.0%
16																		2	0.1%
17			1														1	5	0.1%
18																		1	0.0%
19																		3	0.1%
20			2															2	0.1%
21																		1	0.0%
22												1						5	0.2%
23												1						5	0.1%
24											2							11	0.3%
25																	2	18	0.5%
26																		20	0.5%
27																		43	1.2%
28																		72	1.9%
29																		110	3.0%
30																		174	4.7%
31																		205	5.5%
32																		234	6.3%
33																		292	7.9%
34																		294	7.9%
35																		313	8.4%
36																		337	9.1%
37																		283	7.6%
38																		243	6.6%
39																		224	6.0%
40																		177	4.8%
41																		143	3.9%
42																		130	3.5%
43																		90	2.4%
44																		74	2.0%
45																		52	1.4%
46																		43	1.2%
47																		41	1.1%
48																		28	0.8%
49																		16	0.4%
50																		4	0.1%
51																		1	0.0%
52																		1	0.0%
53																		1	0.0%
Total Number Measured:	68	55	180	158	117	298	185	162	187	243	297	318	333	271	275	325	233	3,705	100%
Total Length:	2,407	1,994	6,507	5,805	4,175	10,761	6,725	5,845	6,822	9,034	11,072	12,117	12,521	9,966	10,356	12,338	9,063	137,507	
Average Length:	35.4	36.2	36.2	36.7	35.7	36.1	36.4	36.1	36.5	37.2	37.3	38.1	37.6	36.8	37.7	38.0	36.9	37.1	
Total Number Speared:	86	55	196	158	118	303	185	185	188	244	299	319	333	271	275	325	233	3,753	
Percent Measured:	79.1%	100.0%	91.8%	100.0%	99.2%	98.3%	100.0%	98.2%	99.5%	99.6%	99.3%	99.7%	100.0%	100.0%	100.0%	100.0%	100.0%	98.7%	

Appendix G. Number, average length (inches), and harvest per acre (largemouth and smallmouth bass and northern pike) for various lakes during spring spearing 2001.

Tribe	County	Lake	Area	Species	Number Harvested	Number Measured	Total Inches	Average Length	Number Per Acre
BRV	DOUGLAS	WHITEFISH L	832	BAS	7	7	114.1	16.3	0.0084
BRV	VILAS	FOREST L	466	BAS	4	4	56.3	14.1	0.0086
LCO	SAWYER	SAND L	928	BAS	1	1	13.8	13.8	0.0011
LDF	ONEIDA	BEARSKIN L	400	BAS	1	1	14.0	14.0	0.0025
LDF	ONEIDA	CLEAR L	846	BAS	1	1	12.0	12.0	0.0012
LDF	ONEIDA	KAWAGUESAGA L	670	BAS	1	1	18.7	18.7	0.0015
RCF	BAYFIELD	PIKE L CHAIN	714	BAS	1	1	18.5	18.5	0.0014
Total:			4856		16	16	247.4	15.5	0.0035
LCO	SAWYER	L CHETAC	1920	LMB	4	4	61.2	15.3	0.0021
LCO	SAWYER	LAC COURTE OREILLES	5039	LMB	3	3	46.1	15.4	0.0006
LCO	SAWYER	LOST LAND L	1304	LMB	2	2	29.0	14.5	0.0015
LCO	SAWYER	ROUND L	3054	LMB	4	4	64.5	16.1	0.0013
LCO	SAWYER	SPIDER L	1454	LMB	7	7	98.3	14.0	0.0048
LCO	SAWYER	WHITEFISH L	786	LMB	1	1	13.8	13.8	0.0013
LDF	ONEIDA	TOMAHAWK L CHAIN	3552	LMB	1	1	18.9	18.9	0.0003
LDF	VILAS	CLEAR L	555	LMB	1	1	14.7	14.7	0.0018
LDF	VILAS	RAZORBACK L	362	LMB	1	1	17.2	17.2	0.0028
MLK	VILAS	BIG SAND L	1408	LMB	1	1	13.2	13.2	0.0007
STC	BARRON	SAND L	322	LMB	1	1	14.8	14.8	0.0031
STC	BARRON	UPPER TURTLE L	438	LMB	1	1	16.6	16.6	0.0023
STC	BURNETT	BIG MCKENZIE L	1185	LMB	4	4	56.0	14.0	0.0034
STC	BURNETT	DEVILS L	1001	LMB	21	18	268.8	14.9	0.0210
STC	BURNETT	ROONEY L	322	LMB	19	10	147.7	14.8	0.0590
STC	BURNETT	SAND L	962	LMB	1	1	16.7	16.7	0.0010
STC	BURNETT	TWENTY-SIX L	230	LMB	1	1	14.0	14.0	0.0043
STC	BURNETT	YELLOW L	2287	LMB	3	3	50.4	16.8	0.0013
STC	POLK	BALSAM L	2054	LMB	6	6	99.9	16.7	0.0029
STC	POLK	BIG ROUND L	1015	LMB	10	10	154.1	15.4	0.0099
STC	WASHBURN	MIDDLE MCKENZIE L	530	LMB	19	18	254.8	14.2	0.0358
STC	WASHBURN	SHELL L	2580	LMB	3	3	53.1	17.7	0.0012
Total:			32360		114	101	1523.8	15.1	0.0074
BRV	DOUGLAS	WHITEFISH L	832	SMB	3	3	43.4	14.5	0.0036
LCO	SAWYER	LAC COURTE OREILLES	5039	SMB	1	1	13.6	13.6	0.0002
LCO	SAWYER	ROUND L	3054	SMB	21	21	371.3	17.7	0.0069
LDF	ONEIDA	CLEAR L	846	SMB	2	2	34.2	17.1	0.0024
LDF	ONEIDA	MUSKELLUNGE L	284	SMB	1	0			0.0035
LDF	ONEIDA	TOMAHAWK L CHAIN	3552	SMB	1	1	18.5	18.5	0.0003
LDF	VILAS	L LAURA	599	SMB	1	1	13.4	13.4	0.0017
MLK	FOREST	BUTTERNUT L	1292	SMB	1	1	15.5	15.5	0.0008
MLK	FOREST	L METONGA	1991	SMB	1	1	15.9	15.9	0.0005
MLK	VILAS	BIG SAND L	1408	SMB	2	2	32.3	16.2	0.0014
RCF	BAYFIELD	MIDDLE EAU CLAIRE L	902	SMB	1	1	18.4	18.4	0.0011
STC	WASHBURN	SHELL L	2580	SMB	35	35	564.9	16.1	0.0136
Total:			22379		70	69	1141.4	16.5	0.0030
BRV	DOUGLAS	WHITEFISH L	832	NOP	1	1	29.7	29.7	0.0012
BRV	IRON	TURTLE-FLAMBEAU FL	13122	NOP	1	1	14.7	14.7	0.0001
LCO	SAWYER	ROUND L	3054	NOP	10	10	347.2	34.7	0.0033
LCO	SAWYER	SAND L	928	NOP	1	1	32.0	32.0	0.0011
LCO	SAWYER	WHITEFISH L	786	NOP	6	6	183.0	30.5	0.0076
LCO	SAWYER	WINDFALL L	102	NOP	1	1	27.3	27.3	0.0098
LDF	ONEIDA	ISLAND L	295	NOP	1	1	21.1	21.1	0.0034
LDF	ONEIDA	TOMAHAWK L CHAIN	3552	NOP	1	1	34.0	34.0	0.0003
LDF	ONEIDA	WILLOW FL	5135	NOP	1	1	18.5	18.5	0.0002
MLK	FOREST	FRANKLIN L	892	NOP	4	4	115.1	28.8	0.0045
MLK	FOREST	L METONGA	1991	NOP	1	1	24.4	24.4	0.0005
MLK	FOREST	ROBERTS L	414	NOP	1	1	26.0	26.0	0.0024
STC	BURNETT	BIG MCKENZIE L	1185	NOP	1	1	33.5	33.5	0.0008
STC	WASHBURN	SHELL L	2580	NOP	2	2	72.7	36.4	0.0008
Total:			34868		32	32	979.2	30.6	0.0026

Appendix H. Number of bass per inch group (largemouth and smallmouth) taken during spring spearing seasons from 1985-2001.

Inch Group	Number of bass in:																	Percent of Total		
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001		17 Year Total	
5																			0	0.0%
6					1					1									1	0.0%
7			1							2									3	0.1%
8		1	2																2	0.1%
9			2	4															7	0.3%
10			2		1					1									16	0.6%
11		1	8	7	7	3	1	5	1	5	2	2	8	5	1	5	2	57	2.1%	
12		2	16	7	10	30	11	11	7	32	13	5	10	16	2	8	9	191	7.0%	
13		3	43	21	14	35	36	16	18	41	27	30	22	28	11	26	29	406	14.8%	
14		2	33	27	17	47	34	20	42	37	36	35	23	74	29	29	34	519	18.9%	
15		7	25	21	17	26	21	21	40	38	34	38	20	51	34	41	41	483	17.6%	
16			30	19	19	25	11	13	29	35	27	17	20	32	18	49	24	380	13.8%	
17			20	15	11	19	9	5	16	22	18	5	15	33	16	23	10	240	8.7%	
18			15	9	4	16	9	11	13	17	18	10	16	19	10	21	20	211	7.7%	
19			7	11	8	9	6	6	15	11	7	6	6	18	3	13	12	139	5.1%	
20			5	7	1	2	2	3	12	9	2	1	3	5	1	5	3	61	2.2%	
21			2	1	1	1	2	2	2	4	1	1	1	1	1	1	1	19	0.7%	
22			1	1	1	1	1	1	1									5	0.2%	
23																		1	0.0%	
24																		0	0.0%	
25										1								3	0.1%	
Total No. Measured:	17	39	210	144	111	215	144	112	198	256	185	152	145	283	126	221	186	2,744	100%	
Total Length:	255	602	3,199	2,275	1,694	3,246	2,165	1,708	3,002	3,931	2,881	2,315	2,245	4,440	1,982	3,524	2,913	42,377		
Average Length:	15.0	15.4	15.2	15.8	15.3	15.1	15.0	15.3	15.2	15.4	15.6	15.2	15.5	15.7	15.7	15.9	15.7	15.4		
Total No. Speared:	21	39	275	167	113	219	147	136	201	261	187	160	145	290	126	221	200	2,908		
Percent Measured:	81.0%	100.0%	76.4%	86.2%	98.2%	98.2%	98.0%	82.4%	98.5%	98.1%	98.9%	95.0%	100.0%	97.6%	100.0%	100.0%	93.0%	94.4%		

Appendix I. Number of northern pike per inch group taken during spring spearing seasons from 1985-2001.

Inch Group	Number of northern pike in:																	Percent of Total		
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001		17 Year Total	
10																			0	0.0%
11																			0	0.0%
12																			2	0.4%
13																			1	0.2%
14																			2	0.4%
15																			3	0.6%
16																			4	0.8%
17																			11	2.2%
18																			20	4.0%
19																			19	3.8%
20																			31	6.3%
21																			33	6.7%
22																			40	8.1%
23																			33	6.7%
24																			31	6.3%
25																			22	4.4%
26																			28	5.6%
27																			22	4.4%
28																			31	6.3%
29																			24	4.8%
30																			20	4.0%
31																			18	3.6%
32																			19	3.8%
33																			14	2.8%
34																			14	2.8%
35																			12	2.4%
36																			10	2.0%
37																			9	1.8%
38																			8	1.6%
39																			6	1.2%
40																			2	0.4%
41																			2	0.4%
42																			1	0.2%
Total No. Measured:	0	12	28	45	14	32	40	18	19	29	28	26	35	61	23	54	32	496	100%	
Total Length:	0	312	724	1,152	334	776	986	453	527	792	744	693	987	1,660	583	1457	979	13,157		
Average Length:	NA	26.0	25.9	25.6	23.9	24.2	24.6	25.2	27.7	27.3	26.6	26.7	28.2	27.2	25.3	27.0	30.6	26.5		
Total No. Speared:	2	13	41	59	14	34	41	30	19	30	32	30	37	68	29	54	32	565		
Percent Measured:	0.0%	92.3%	68.3%	76.3%	100.0%	94.1%	97.6%	60.0%	100.0%	96.7%	87.5%	86.7%	94.6%	89.7%	79.3%	100.0%	100.0%	87.9%		

Appendix J. Summary of spearing and netting harvest and effort during fall 2001

Date	County	Lake	Area	Method	No. of Permits	Net Length (feet)	Spearing Boat-hrs	Walleye CPE**	Number Harvested														
									Walleye	Bullhead	Crappie	Perch	Northern Pike	Cisco	Rock Bass	Bluegill	Sucker	Bowfin					
Bad River																							
09/08/01	Iron	Turtle-Flambeau FI	13,122	Spear	2		6.5	1.7	11														
Lac Courte Oreilles																							
09/15/01	Chippewa	Holcombe FI	3,890	Fyke-net	4			0															
09/21/01	Washburn	Long Lake	3,290	Gill-net	6	600		2.3	14	1													
09/22/01	Washburn	Long Lake	3,290	Gill-net	7	700		3.3	23	1													
09/28/01	Washburn	Long Lake	3,290	Gill-net	8	1,300		1.8	24	1													
09/29/01	Washburn	Long Lake	3,290	Gill-net	7	1,400		2.9	40	4													
10/05/01	Washburn	Long Lake	3,290	Gill-net	6	1,300		1.8	24	2													
10/06/01	Washburn	Long Lake	3,290	Gill-net	3	1,600		1.8	28	1													
10/12/01	Washburn	Long Lake	3,290	Gill-net	2	1,600		0.9	15														
10/13/01	Washburn	Long Lake	3,290	Gill-net	4	1,600		2.4	39														
10/19/01	Washburn	Long Lake	3,290	Gill-net	3	1,200		0.9	11														
10/20/01	Washburn	Long Lake	3,290	Gill-net	3	300		0.7	2														
10/26/01	Washburn	Long Lake	3,290	Gill-net	3	300		3.0	9														
10/27/01	Washburn	Long Lake	3,290	Gill-net	3	300		1.3	4														
11/02/01	Washburn	Long Lake	3,290	Gill-net	3	300		3.3	10														
11/03/01	Washburn	Long Lake	3,290	Gill-net	3	300		0.7	2														
Lac du Flambeau*																							
10/12/01	Iron	Turtle-Flambeau FI	13,122	Spear	0																		
10/13/01	Iron	Turtle-Flambeau FI	13,122	Spear	0																		
10/12/01	Vilas	Oxbow	511	Spear	0																		
10/13/01	Vilas	Oxbow	511	Spear	0																		
10/12/01	Vilas	Big (Boulder Jct)	835	Spear	0																		
10/13/01	Vilas	Big (Boulder Jct)	835	Spear	0																		
TOTAL:									256	20	7	1	3	94	12	4	7	2					

* Three lakes named for possible spearing but no effort occurred.

** CPE (catch per effort) for spearing is number harvested divided by boat-hours. CPE for gill-netting is number harvested per 100 feet of net set.

