



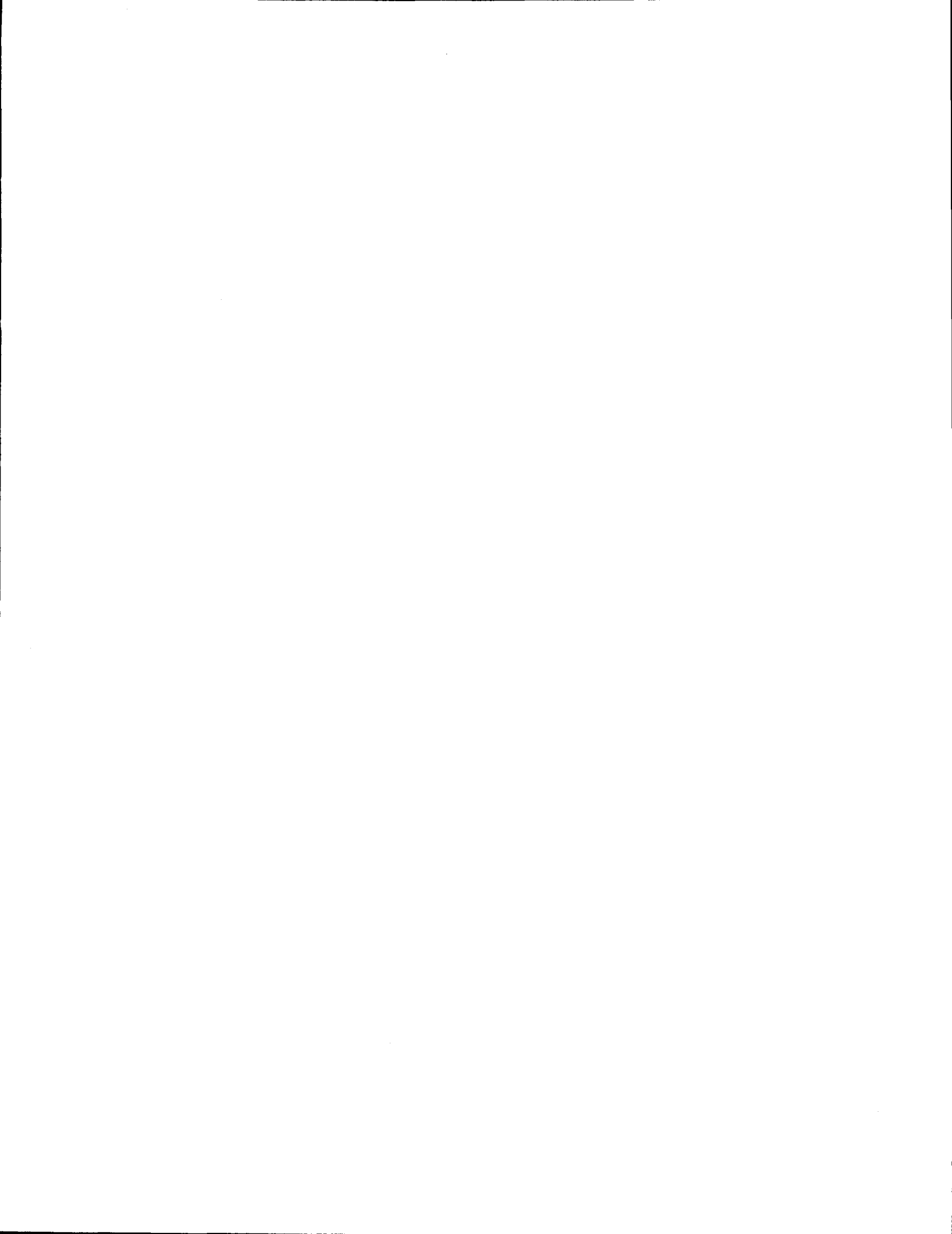
# **Open Water Spearing In Northern Wisconsin by Chippewa Indians During 2011**

by

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**Administrative Report 12-03  
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## ABSTRACT

The year two-thousand eleven (2011) marked the twenty-seventh consecutive spring that spear fishing was conducted by Chippewa tribes in off-reservation waters of northern Wisconsin. A total of 463 tribal members participated in this traditional fishery. Spearing for walleye occurred on 174 lakes and walleye were harvested from all except 6 lakes. A total of 30,317 fish were taken with 98% of the catch (29,730 fish) being walleye. Numbers of other gamefish harvested were 201 muskellunge, 112 bass, 30 northern pike, and 2 sturgeon. Average lengths were 15.4 inches for walleye and 39.5 inches for muskellunge. The tribal walleye quota was exceeded by a total of 95 fish on 3 lakes. On the remaining lakes, harvest of walleye and muskellunge was maintained within the established limits by a nightly permit system and complete monitoring of the catch. In addition, spearing occurred on two of six river segments named during spring. During fall, both gill netting and fyke netting occurred in one lake on four dates in November.

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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 the 2011 open water season. The majority of harvest was taken through spearing during spring. Since 1989, fall spearing and summer gill-netting have occasionally occurred in off-reservation waters. During 2011, gill netting and fyke netting occurred on one lake in November.

## 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).

As part of the Stipulation Review Process, several changes to tribal regulations which had been agreed to annually as experiments, were agreed to for a six (6) year period starting in 2011. The bag and permit limits for walleye in designated river segments were replaced with a nightly quota of 60 for a maximum of two days. Also, an additional eight river segments were listed as available for spearing plus additional gill-net mesh sizes on lakes 1,000 acres and larger were agreed to.

Several other regulatory changes were made as part of this process. A stretch of the yellow river was designated for walleye harvest under the Yellow Lake walleye quota, and a stretch of the Totogatic River was opened for harvest under the Minong Flowage quota. The safety factors for walleye for one and two year old population estimates were adjusted to 41% and 33%, respectively. A list of lakes was identified where on-site monitoring was not required, i.e. alternate monitoring lakes.

## 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. Nine lakes on the alternate monitoring list were named but no spearing occurred on three lakes and a creel team was sent to monitor harvest on the other five lakes. A set of instructions for collecting biological data was provided to creel clerks at a training meeting prior to the spring 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 completed a catch report form upon return of each boating party. 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 was 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. During 2011 all catch report forms were faxed or emailed in daily. Tribal representatives typically notified GLIFWC before noon 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 in northern Wisconsin. Heavy line indicates approximate ceded territory boundary.





**Figure 2.** Off-Reservation Treaty Fishing Permit used during the 2011 open-water season.

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

**FRONT**

Start Time: _____ (am or pm)			Net Length: _____		
End Time: _____ (am or pm)			Mesh: _____		
Species	Count	Weight (lbs)	Species	Length (in.)	Sex
Walleye	_____	_____	_____	_____	_____
Northern Pike	_____	_____	_____	_____	_____
Yellow Perch	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
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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 463 tribal members participated in the 2011 spring spear fishery (Table 1, Figure 3, Appendix A). Compared to 2010, the total number of spearkers decreased by 7 persons or 1%.

**Table 1.** Number of spearkers on lakes selected by six Wisconsin Chippewa bands during spring spearing from 1995-2011<sup>1</sup>.

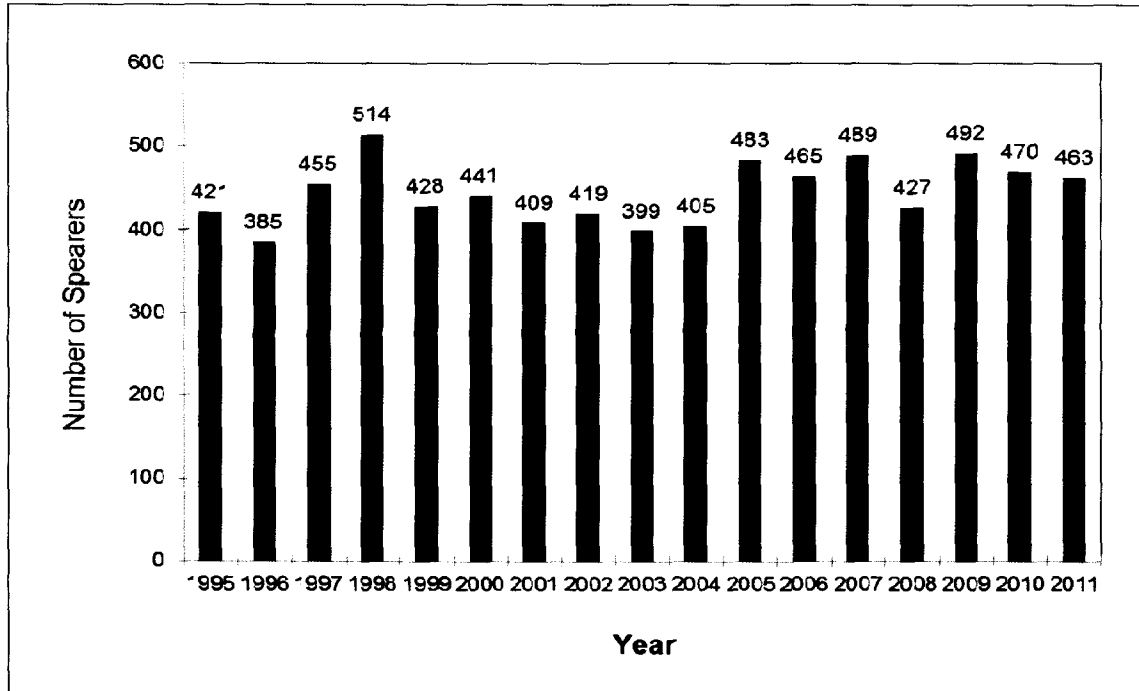
YEAR	BRV	LCO	LDF	MLK	RCF	STC <sup>2</sup>	TOTAL:
1995	39	68	150	53	44	67	421
1996	25	50	153	54	42	61	385
1997	57	74	139	64	59	62	455
1998	75	85	156	78	51	69	514
1999	44	61	148	66	52	57	428
2000	44	78	151	61	57	50	441
2001	36	67	139	71	55	41	409
2002	34	56	150	63	54	62	419
2003	30	53	154	62	46	54	399
2004	25	56	158	65	53	48	405
2005	41	69	146	117	59	51	483
2006	35	82	165	58	58	67	465
2007	40	93	157	68	68	63	489
2008	36	72	142	76	54	47	427
2009	42	99	125	126	55	45	492
2010	36	89	91	150	49	55	470
2011	41	98	140	69	45	70	463
PERCENT CHANGE: 2010-2011	14%	11%	54%	-54%	-8%	27%	1%

<sup>1</sup>Abbreviations 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.

<sup>2</sup>Includes members from the Mille Lacs tribe from 1995-2004.

All persons spearing on lakes selected by Lac Courte Oreilles, Lac du Flambeau, Mole Lake and Red Cliff were members of that tribe. The number of members from other tribes that speared on lakes selected by Bad River was 1, and by St. Croix was 3.

**Figure 3.** Number of spearkers during spring spearing seasons from 1995-2011.



**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 1995-2011.

YEAR	BRV <sup>1</sup>	LCO	LDF	MLK	RCF	STC <sup>2</sup>	TOTAL:
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
2002	155	196	605	271	152	362	1,741
2003	122	234	517	214	116	317	1,520
2004	127	157	594	259	149	346	1,632
2005	130	283	551	383	161	294	1,802
2006	129	266	697	265	195	286	1,838
2007	143	294	722	303	175	382	2,019
2008	93	229	531	276	157	275	1,561
2009	123	278	540	439	157	271	1,808
2010	136	325	366	606	178	375	1,986
2011	104	314	716	284	142	332	1,892
PERCENT CHANGE: 2010-2011	-24%	-3%	96%	-53%	-20%	-11%	-5%

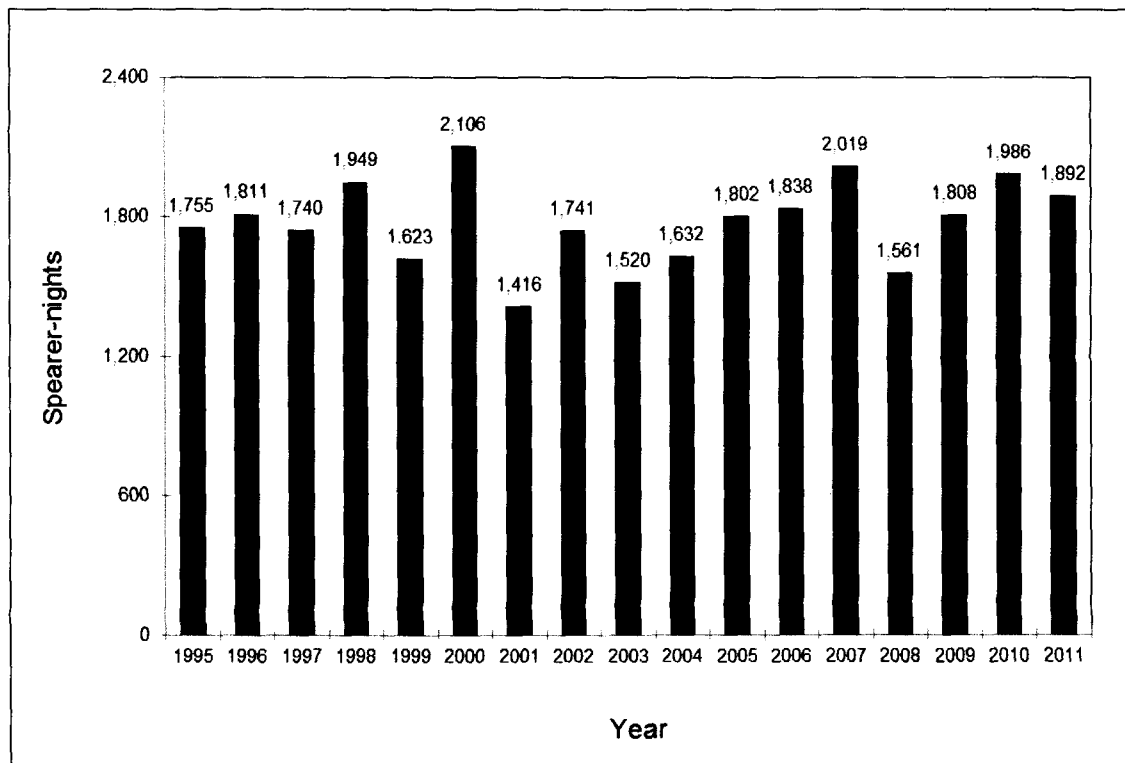
<sup>1</sup> Includes 2 spearer-nights for one LCO member.

<sup>2</sup> Includes 5 spearer-nights includes for 5 members from 3 other tribes. Also, spearer-nights for Mille Lacs tribe from 1995-2004.

Excluding permits issued for muskellunge only spearing, a total of 1,892 spearer-nights were recorded during spring 2011 (Table 2, Figure 4, Appendix B). About one-third of this effort (716 spearer-nights) occurred on lakes selected by Lac du Flambeau. Spearer-nights on lakes selected by the other five tribes ranged from 104 at Bad River to 332 at St. Croix. Compared to 2010, effort decreased by 94 spearer-nights or 5%.

On muskellunge only waters, an additional 57 spearer-nights occurred (Appendix B). Muskellunge only spearer-nights included permits issued for spearing on lakes with no walleye quota, only a muskellunge quota and on lakes with both a walleye and muskellunge quota, after the walleye quota is taken and only a muskellunge quota remained.

**Figure 4.** Number of spearer-nights during spring spearing seasons from 1995-2011.



**Number of Boat-Hours.** Excluding muskellunge only effort, an estimated 1,952 boat-hours of effort occurred in 2011 (Table 3, Figure 5, Appendix B). Compared to 2010, the number of boat-hours decreased by 11% (247 boat-hours). About one-third of the effort (681 boat-hours) occurred on lakes selected by Lac du Flambeau. Boat-hours on lakes selected by the other five tribes ranged from 125 at Bad River to 398 at Lac Courte Oreilles.

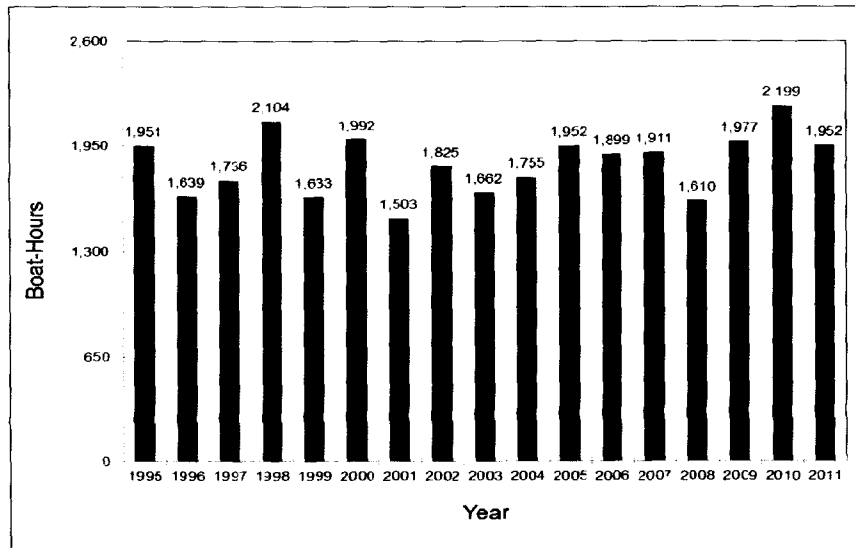
On muskellunge only waters, an additional 42 boat-hours of effort occurred (Appendix B). This muskellunge only effort included spearing on lakes with no walleye quota, only a muskellunge quota and spearing on lakes with both a walleye and muskellunge quota, after the walleye quota is taken and only a muskellunge quota remained.

**Table 3.** Number of spearer boat-hours on lakes selected by six Wisconsin Chippewa bands during spring spearing from 1995-2011.

Year	BRV	LCO	LDF	MLK	RCF	STC <sup>1</sup>	Total:
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	1,503
2002	181	233	489	325	203	395	1,825
2003	152	245	523	268	142	331	1,662
2004	162	203	571	276	167	375	1,755
2005	148	411	518	401	161	313	1,952
2006	155	393	529	300	215	307	1,899
2007	171	322	566	311	182	359	1,911
2008	97	304	520	264	159	267	1,610
2009	128	413	489	430	195	322	1,977
2010	178	514	344	554	215	394	2,199
2011	125	398	681	267	141	340	1,952
PERCENT CHANGE: 2010-2011	-30%	-23%	98%	-52%	-34%	-14%	-11%

<sup>1</sup>Includes effort for Mille Lacs tribe from 1995-2004.

**Figure 5.** Number of boat-hours of effort during spring spearing seasons from 1995-2011.



For all tribes combined, a total of 818 interviews were conducted and effort (boat-hours) was determined for all (Table 4, Appendix B). Average length of a trip was 2.4 boat-hours.

**Table 4.** Number of interviews and average length of spearing trip (in boat-hours) during spring spearing from 1995-2011.

YEAR	AVERAGE LENGTH OF TRIP:						TOTAL
	BRV	LCO	LDF	MLK	RCF	STC <sup>1</sup>	
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
2002	2.2	2.4	2.0	2.5	2.9	2.4	2.3
2003	2.6	2.4	2.6	2.7	2.7	2.3	2.5
2004	2.3	2.6	2.4	2.3	2.4	2.3	2.4
2005	2.3	2.9	2.2	2.4	2.3	2.4	2.4
2006	2.3	3.1	1.8	2.4	2.6	2.1	2.3
2007	2.0	2.3	1.8	2.2	2.6	2.0	2.0
2008	1.9	2.7	2.0	2.1	2.5	1.9	2.1
2009	2.4	3.3	2.0	2.3	2.8	2.5	2.5
2010	3.0	3.4	2.0	2.2	2.7	2.2	2.4
2011	2.7	2.8	2.2	2.5	2.5	2.1	2.4
2011 Boat-hours:	125	398	681	267	141	340	1,952
2011 interviews with effort:	46	140	309	107	57	159	818
2011 interviews without effort:	0	0	0	0	0	0	0

<sup>1</sup>Includes effort for Mille Lacs tribe in some years.

## Total Harvest

Fourteen taxa of fish were harvested during the 2011 spring spear fishery (Table 5). Of the 30,317 fish taken 98% were walleye. Percentages of the total catch for other game fish species were 0.66% for muskellunge, 0.37% for bass, 0.10% for northern pike, and 0.007% for sturgeon. Other species combined (panfish and rough fish) totaled 240 fish and made up the remaining 0.79% of the harvest.

**Table 5.** Number of various fish species harvested during spring spearing seasons from 2005-2011.

Species:	2005	2006	2007	2008	2009	2010	2011
Walleye	26,877	27,627	30,700	27,881	32,201	34,156	29,730
Muskellunge	230	284	303	270	238	335	201
Bass Species	1	3	11	3	9	23	8
Largemouth Bass	93	93	104	109	195	237	82
Smallmouth Bass	41	63	89	52	58	113	22
Northern Pike	22	17	54	23	49	50	30
Rock Bass	6	8	12	2	18	18	5
Crappie	26	94	81	83	110	217	151
Sunfish (Bluegill, Pumpkinseed)	13	10	23	12	10	72	31
Yellow Perch	21	6	21	3	20	1,088	7
Sucker	17	16	25	10	19	51	42
Cisco	10	2	5	0	3	25	0
Carp	0	0	1	0	0	3	1
Bowfin	0	2	1	0	14	7	3
Burbot	6	1	0	0	2	0	0
Bullhead	1	0	1	1	0	232	1
Sturgeon	0	3	7	1	1	3	2
Trout	0	0	0	0	0	1	0
Whitefish	0	0	0	0	0	0	1
<b>TOTAL:</b>	<b>27,364</b>	<b>28,229</b>	<b>31,438</b>	<b>28,450</b>	<b>32,947</b>	<b>36,631</b>	<b>30,317</b>



## Walleye Harvest

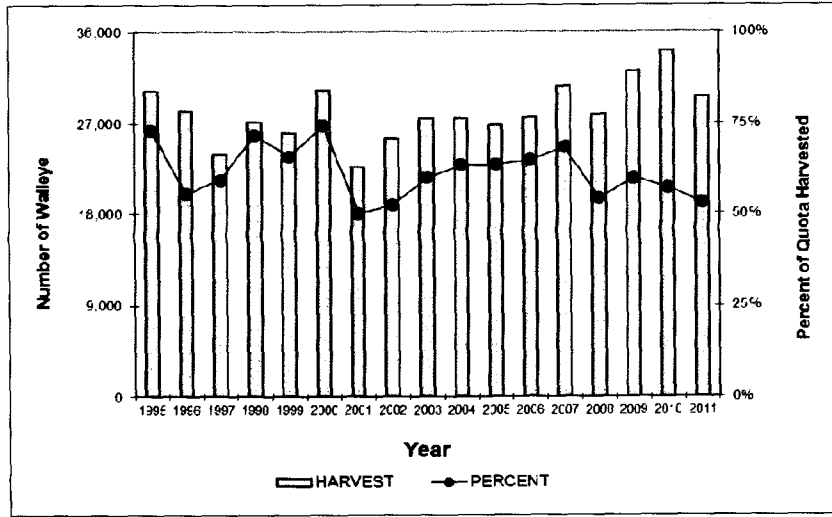
Tribal quotas (TQ) for walleye were selected for 578 lakes and totaled 55,952 walleye (Table 6). The percent of the "safe harvest" selected as tribal quotas for lakes in 2011 ranged from 0.0% (Escanaba Lake and Sparkling Lake, Vilas County) to 94.89% (Grindstone Lake in Sawyer County). Two tribes selected the same lake in 29 instances and agreed on various inter-tribal allocation formulas to keep the TQ within the selected percentage. Two lakes were selected by more than two Wisconsin tribes.

Tribal spearers harvested a total of 29,730 walleye from 168 lakes (Table 6, Figure 6, Appendix B). Spearing also occurred in six other lakes (Little Round Lake in Sawyer County, Scattering Rice Lake in Vilas County, Duck Lake in Barron County, Dunham Lake in Burnett County, Rooney Lake in Burnett County and Long Lake in Bayfield County), but no walleye were harvested. The percent of the total walleye quota harvested was 53%.

**Table 6.** Number of lakes with a tribal walleye quota, spearing effort, and harvest plus percent of overall quota harvested from 1995-2011.

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
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%
2002	48,628	283	25,543	159	153	53%
2003	45,776	281	27,502	166	163	60%
2004	43,315	288	27,546	179	176	64%
2005	43,692	293	26,877	173	172	62%
2006	42,513	285	27,627	177	174	65%
2007	44,813	282	30,700	192	191	69%
2008	51,354	415	27,881	175	172	54%
2009	53,706	420	32,201	181	179	60%
2010	59,659	532	34,156	153	150	57%
2011	55,952	578	29,730	174	168	53%

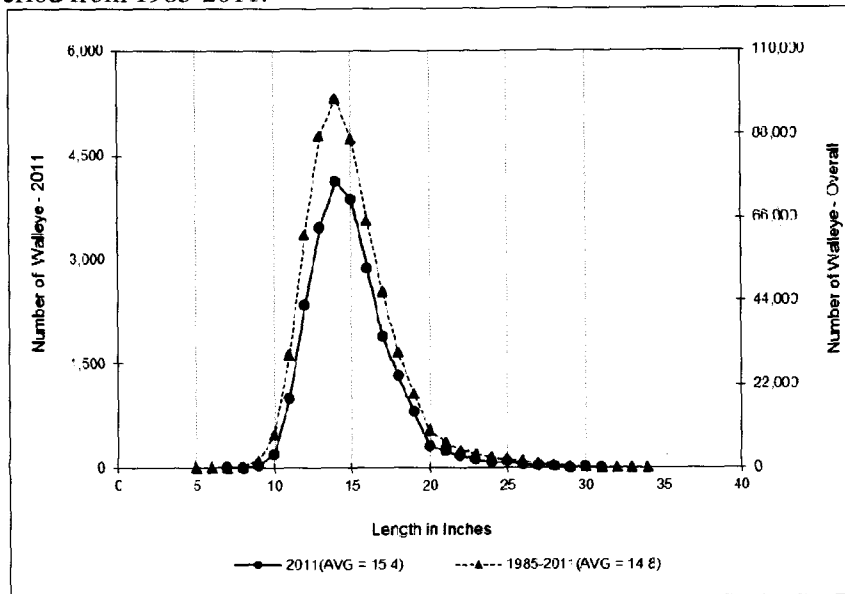
**Figure 6.** Number of walleye and percent of quota harvested during spring spearing seasons from 1995-2011.



**Mean Length.** A total of 23,000 walleye (77% of the catch) was measured in 2011 (Appendices C and D). The mean length was 15.4 inches, which is within the average length range from 1985-2009 (range: 15.0-16.3 inches). Size restrictions were identical during each of these twenty-seven years; all walleye were to be less than 20 inches except that each permit authorized the harvest of one walleye of 20-24 inches and one of any size.

For the 27 spring spearing seasons combined, 85% of the walleye harvest has been measured (569,275 of 671,827 fish) (Figure 7; Appendix D). Average length for this 27-year sample was 15.4 inches. Also, 6% of the walleye (34,066 fish) were 20 inches or larger and 1.1% (6,463 fish) were 25 inches or larger.

**Figure 7.** Length frequency of walleye speared during 2011 and during the twenty-seven year period from 1985-2011.



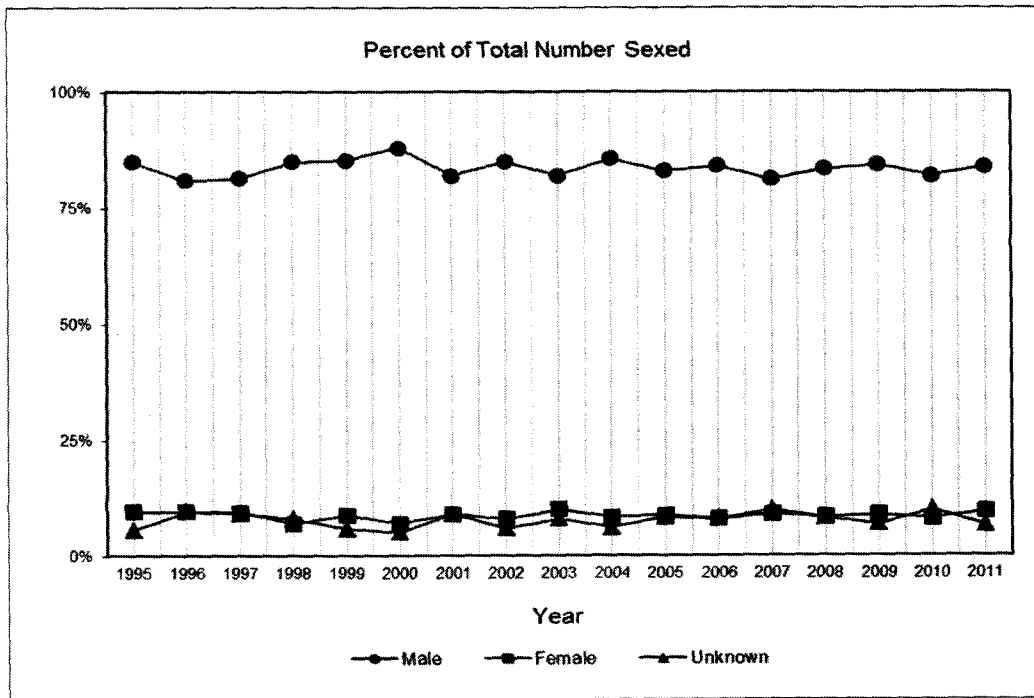
**Sex Composition of Catch.** The majority of walleye sexed in 2011 were male: 19,231 of 22,919 fish or 84% (Table 7, Appendix C). Females (2,182 fish) comprised 10% of the sexed harvest and those whose sex could not be determined (1,506 fish) made up 6%. Males made up 90% of sexable fish.

For the past 17 spring spearing seasons combined, a total of 418,439 walleye have been sexed (Table 7, Figure 8). Of these, 84% were male, 9% were female, and 8% 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 limit and size restrictions, differences in behavior between the sexes during spawning season, and spearer preference.

**Table 7.** Number and percent of male, female, and unknown walleye that were sexed during spring spearing seasons from 1995-2011.

Year	Total Harvest	Male		Female		Unknown		Total Sexed:	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
1995	30,249	20,897	85%	2,339	10%	1,369	6%	24,605	81%
1996	28,327	18,562	81%	2,191	10%	2,181	10%	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%
2002	25,543	19,624	86%	1,889	8%	1,436	6%	22,949	90%
2003	27,502	20,371	82%	2,474	10%	2,006	8%	24,851	90%
2004	27,546	21,226	86%	2,060	8%	1,495	6%	24,781	90%
2005	26,877	20,255	83%	2,143	9%	2,011	8%	24,409	91%
2006	27,627	20,667	84%	1,958	8%	1,944	8%	24,569	89%
2007	30,700	21,722	81%	2,390	9%	2,640	10%	26,752	87%
2008	27,881	20,324	83%	2,045	8%	1,987	8%	24,352	87%
2009	32,201	22,569	84%	2,371	9%	1,846	7%	26,786	83%
2010	34,156	24,604	82%	2,413	8%	2,988	10%	30,005	88%
2011	29,730	19,231	84%	2,182	10%	1,506	6%	22,919	77%
Total:	478,774	350,177	84%	36,174	9%	32,092	8%	418,439	88%

**Figure 8.** Sex composition of the walleye harvest during spring spearing seasons from 1995-2011.



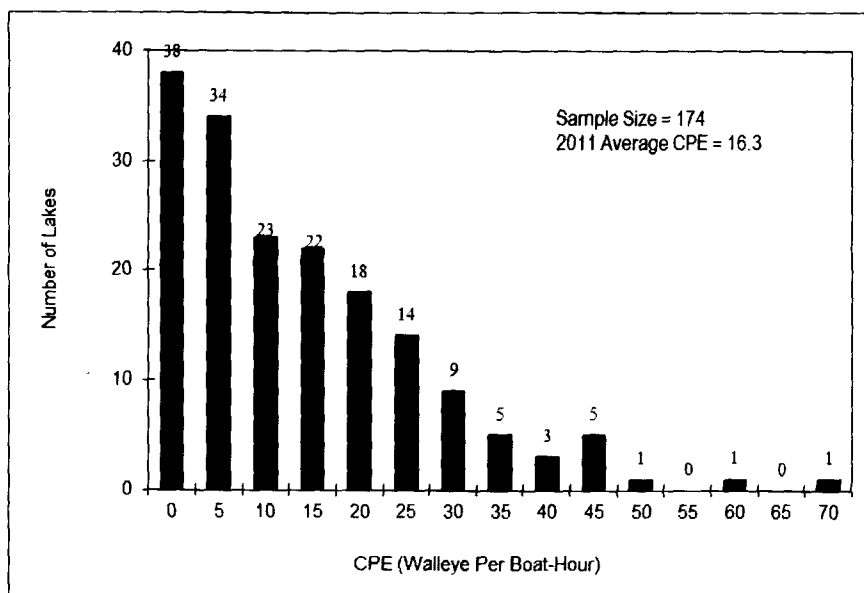
**Catch per effort (CPE).** In 2011, a total of 1,952 boat-hours of spearing were recorded in which 29,730 walleye were caught. Overall catch per effort (total harvest/total boat-hours) was 15.2 walleye per boat-hour (Appendix B).

Catch rates for the 174 lakes speared in 2011 ranged from 0.0 to 73.3. Catch per effort averaged over individual lakes was 16.3 walleye per boat-hour (Appendix B, Table 8, Figure 9). Boat-hour effort was completely recorded for all lakes during spring 2011.

**Table 8.** Range and average catch rates in lakes speared during spring spearing seasons from 1995-2011.

Year	Number of Lakes	Range: CPE	Average: CPE
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
2002	159	0.0 - 65.8	16.3
2003	166	0.0 - 77.5	18.5
2004	169	0.0 - 57.1	16.9
2005	173	0.0 - 70.0	15.0
2006	177	0.0 - 57.3	16.7
2007	192	0.0 - 60.9	16.8
2008	175	0.0 - 81.4	17.8
2009	181	0.0 - 62.5	17.2
2010	153	0.0 - 50.6	16.2
2011	174	0.0 - 73.3	16.3

**Figure 9.** Walleye CPE (number per boat-hour) by lake during the 2011 spring spearing season.



## Muskellunge Harvest

A total of 201 muskellunge were taken from 56 lakes during spring 2011 (Table 9, Figure 10, Appendix E). This harvest represented 8.6% of the combined tribal muskellunge quota of 2,325 fish selected for 369 lakes.

**Table 9.** Number of lakes with tribal muskellunge quota, harvest, and percent of overall quota harvested from 1995-2011.

Year	Tribal Muskellunge Quota	Number of Lakes with Quota	Number of Lakes with Harvest	Number Harvested	Percent of Quota Harvested
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%
2002	1,555	206	52	218	14.0%
2003	1,522	203	65	222	14.6%
2004	1,509	206	69	207	13.7%
2005	1,733	209	65	230	13.3%
2006	1,655	203	69	284	17.2%
2007	1,703	201	73	303	17.8%
2008	2,080	249	62	270	13.0%
2009	2,051	249	60	238	11.6%
2010	2,323	335	77	335	14.4%
2011	2,325	369	56	201	8.6%

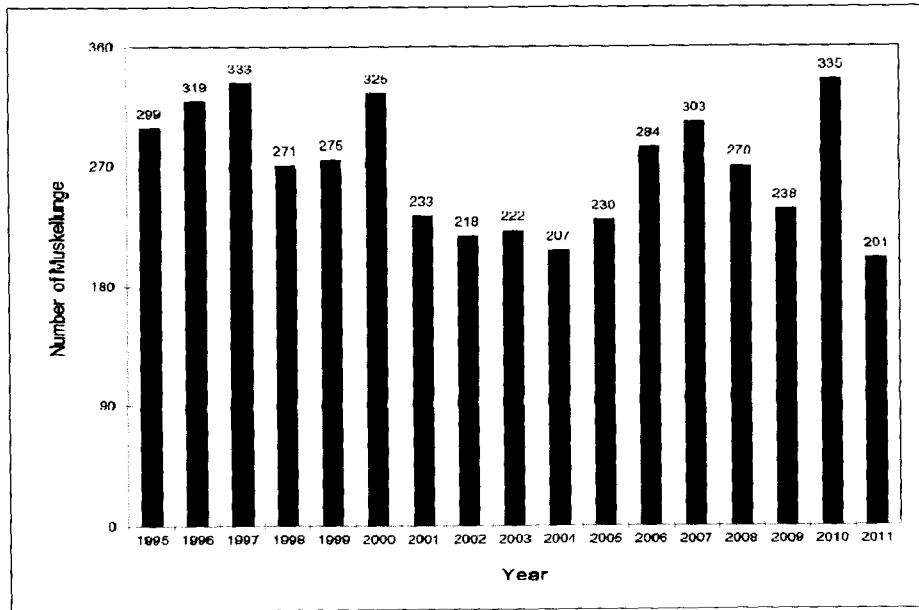
The number of muskellunge harvested from these 56 lakes ranged from 1 to 20 fish (Appendix E). Ten or more muskellunge were harvested from 5 lakes, 6-9 muskellunge were taken from 6 lakes, and 1-5 fish were speared in 45 lakes. No muskellunge were speared from the other 313 lakes.

Lengths of the 201 measured muskellunge averaged 39.5 inches and ranged from 23 to 57.3 inches (Appendix F, Figure 11). During the past twenty-seven spring seasons combined, 6,211 of 6,261 speared muskellunge have been measured. Average length for this sample of fish was 37.7 inches (range of annual averages: 35.4-39.5 inches).

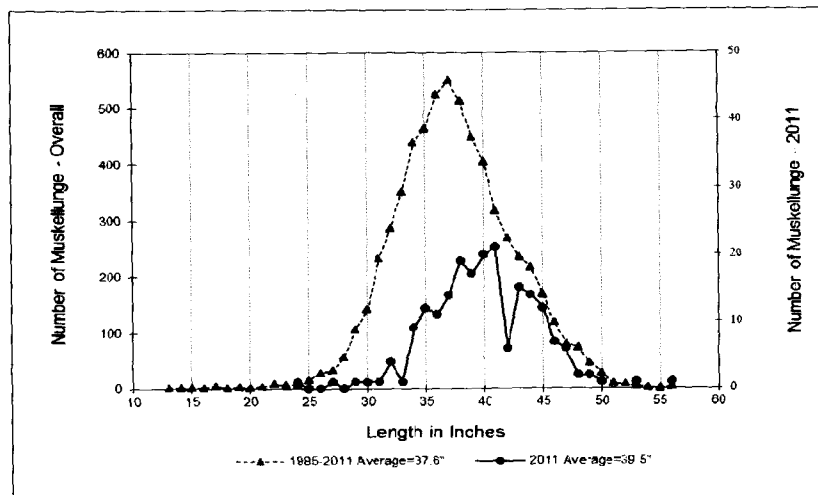
Of the measured catch in 2011, 4.5% (9 of 201 muskellunge) were 32 inches and smaller, while 16% (33 fish) were 45 inches and larger. For the 6,211 muskellunge measured from 1985-2011, 941 fish or 15% of the sample were less than or equal to 32 inches; 539 fish or 7% were 45 inches and larger (Appendix F).

The number of muskellunge per spearer averaged 0.43 for all tribes combined (Appendix A, Appendix E). In other words, 43 muskellunge were taken for every 100 spearers.

**Figure 10.** Number of muskellunge harvested during spring spearing seasons from 1995-2011.



**Figure 11.** Length-frequency of muskellunge speared during spring 2011 and during the twenty-seven year period 1985-2011.



## Bass Harvest

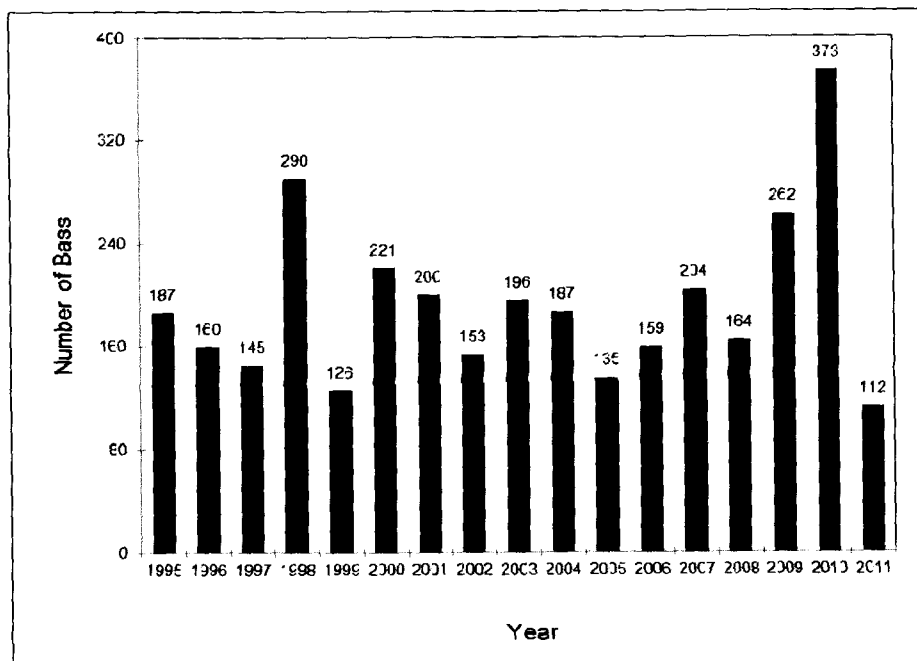
A total of 112 bass were harvested from 25 lakes in 10 counties (Appendix G). Species was recorded for all but 8 bass. A total of 82 largemouth bass were taken from 18 lakes in 8 counties and averaged 16.2 inches. Ten or more largemouth were speared from 1 lake, 6-9 fish were taken from 2 lakes, and 5 or less were taken from 15 lakes. The number harvested per surface acre of water averaged 0.0051 largemouth bass (range: 0.0001-0.0230).

A total of 22 smallmouth bass were speared from 10 lakes in 8 counties. Average length was 16.1 inches. Five or fewer fish were taken from all but 1 lake. The number harvested per surface acre averaged 0.0032 smallmouth bass (range: 0.0004-0.0084).

A total of 8 bass were speared from 2 lakes in 2 counties. For the 6 bass measured average length was 14.1 inches. Lengths ranged from 13.3 to 15.5 inches. The number harvested per surface acre averaged 0.0048 bass (range: 0.0017-0.0078).

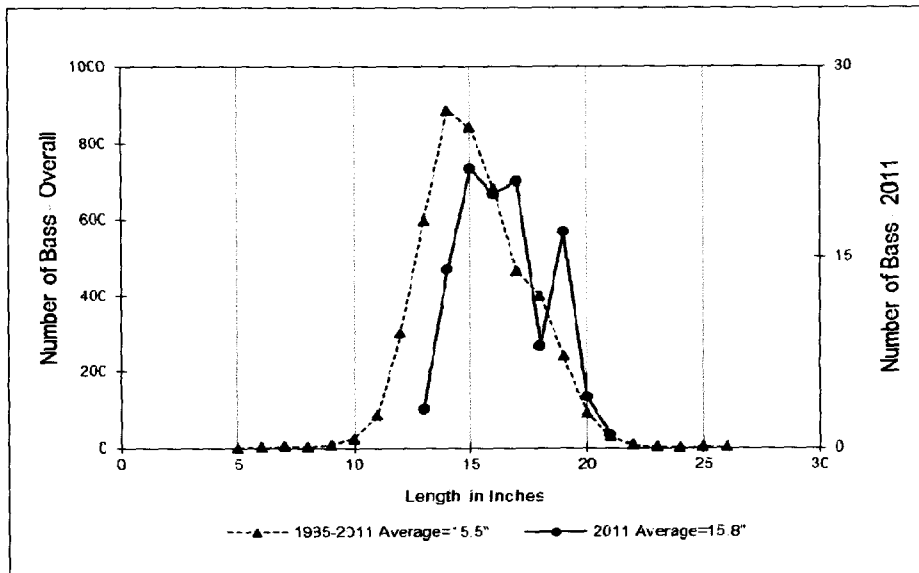
Lengths of 110 measured bass species ranged from 12-20.1 inches and averaged 15.8 inches (Figure 13, Appendix H). Of the 4,853 bass speared during the twenty-seven spearing seasons combined, 4,654 have been measured. Average length for this sample was 15.6 inches (range of annual averages: 15.0-16.4 inches). For all tribes combined the number of bass per spearer (CPE) was 0.24.

**Figure 12.** Number of bass harvested during spring spearing seasons from 1995-2011.





**Figure 13.** Length-frequency for bass taken during 2011 and during the twenty-seven year period 1985-2011.



### Northern Pike Harvest

A total of 30 northern pike were harvested from 18 lakes in 8 counties (Appendix G). Fewer than five fish were taken from all eighteen lakes. Catch per surface acre of water averaged 0.0069 (range: 0.0004-0.1000).

Lengths of 28 measured northern pike ranged from 17.2 to 36.3 inches and averaged 28.9 inches (Appendix I, Figure 15). During the twenty-seven spring seasons combined a total of 892 northern pike have been speared (Appendix I). Of these, 816 were measured and length averaged 27.4 inches. Harvest of northern pike continues to be incidental and an insignificant component of the fishery.

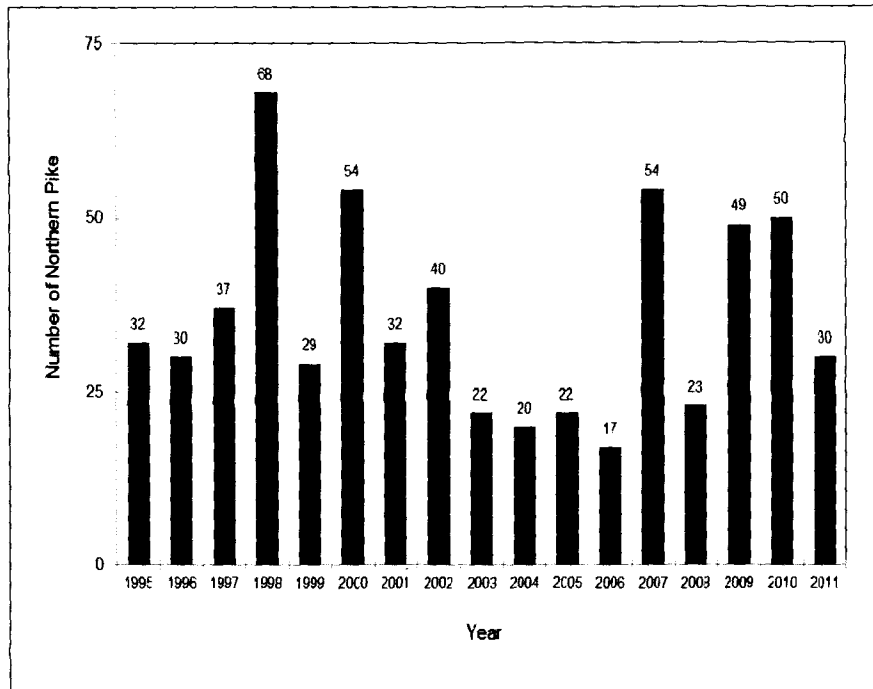
### Sturgeon Harvest

A total of two sturgeon were speared during spring 2011. One 53 inch unknown sex sturgeon was harvested from Yellow Lake (Burnett County). One 55.25 inch female sturgeon was taken from the North Fork of the Flambeau River.

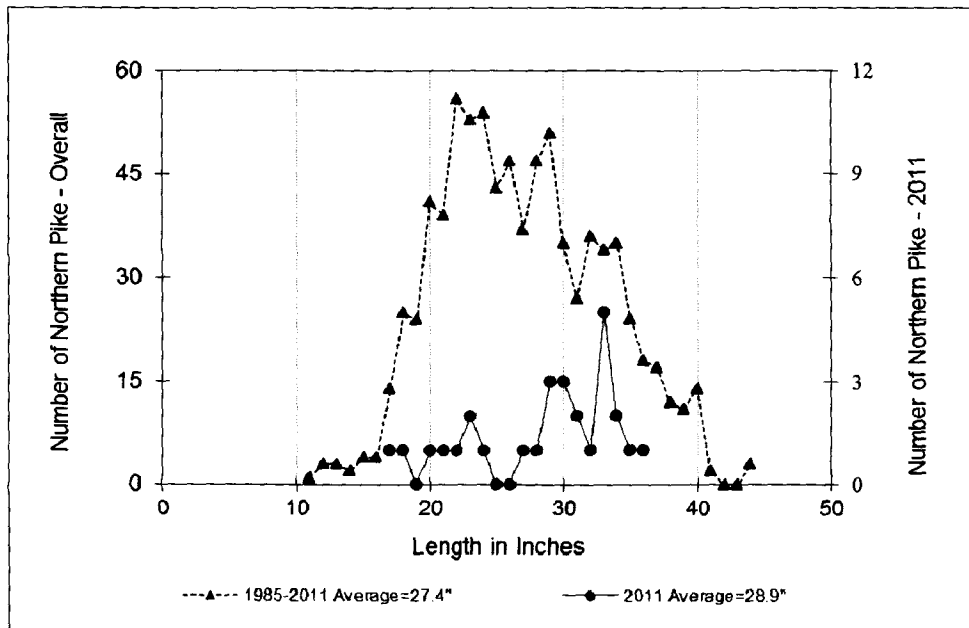
### Fall Harvest

During fall, one fyke net and one 300 foot gill-net were set on four dates in November in Trout Lake (Vilas County). For fyke-netting, 2 burbot (25.5 and 26.5 inches) were recorded for one net-lift and no fish were taken in the other three lifts. For gill-netting, one walleye (14.9 inches) and one whitefish (17.3 inches) were recorded for one net-lift, one whitefish (16.8 inches) and one cisco (10.8 inches) were reported for another lift, and no fish were taken in the other two lifts.

**Figure 14.** Number of northern pike harvested during spring spearing seasons from 1995-2011.



**Figure 15.** Length frequency of northern pike speared during 2011 and during the twenty-seven year period from 1985-2011.



## River Segments

A total of 6 river segments were named for spearing during spring 2011 by Lac du Flambeau. No spearing effort occurred on four of the segments: Segment 17, Tomahawk River (Oneida County), named on April 23; Segment 18, Wisconsin River (Vilas County), named on May 22; Experimental Segment A, Manitowish River (Vilas and Iron Counties), named on May 20; and Experimental Segment D, Turtle River (Vilas County), named on May 21.

Spearing effort occurred on the other two segments. Experimental Segment B, North Fork of the Flambeau River (Iron and Ashland Counties) was speared on two nights. On May 15 one LDF member speared for 3.0 hours and no fish were harvested. On May 16, two LDF members speared for 3.75 hours and one 55.25 inch female sturgeon weighing 38 pounds was harvested under a ceremonial permit. Segment 6, North Fork of the Flambeau River (Price and Sawyer Counties) was speared on two nights. On May 18, two LDF members speared but no fish were harvested. On May 19, two LDF members speared for 3.5 hours and harvested one 16.7 inch male walleye.

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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 2011 spring spear fishery.

Number of Nights	Number of Spearers						Total Spearers per # of Nights	Percent of Total	Cumulative Percent
	BRV	LCO	LDF	MLK	RCF	STC			
1	24	40	39	22	19	28	172	37.1%	37.1%
2	7	20	24	13	11	16	91	19.7%	56.8%
3	4	10	23	5	5	8	55	11.9%	68.6%
4	5	6	13	8	4	4	40	8.6%	77.3%
5	1	9	9	6	1	3	29	6.3%	83.5%
6		4	6	6	3	3	22	4.8%	88.3%
7		6	6	6	1	1	20	4.3%	92.6%
8		2	4	3	1		10	2.2%	94.8%
9			6				6	1.3%	96.1%
10			2				2	0.4%	96.5%
11			2			1	3	0.6%	97.1%
12			3				3	0.6%	97.8%
13			1			1	2	0.4%	98.2%
14		1	1				2	0.4%	98.7%
15			1				1	0.2%	98.9%
16						1	1	0.2%	99.1%
17						3	3	0.6%	99.7%
19						1	1	0.2%	100.0%
<b>Total Spearers per Tribe</b>	<b>41</b>	<b>98</b>	<b>140</b>	<b>69</b>	<b>45</b>	<b>70</b>	<b>463</b>	<b>100%</b>	<b>100%</b>

Appendix B. Number of walleye harvested nightly on lakes selected by six Wisconsin Chippewa bands during spring 2011. 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.

		Six Tribal Bands Combined:																	
		Tribal Quota	April 14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Number of lakes:			5	13	16	17	17	18	18	32	25	33	35	25	25	37	38	53	52
Number of walleye:		55,952	20	66	136	415	528	486	898	1,246	647	2,140	1,198	4,000	527	1,881	2,419	2,745	1,357
Number of spearer-nights:			11	8	29	30	63	34	76	99	60	119	89	170	26	102	122	153	82
Number of spearer-nights: Muskellunge only																			
Number of interviews with effort:			4	3	13	10	28	14	34	46	30	50	43	74	13	43	56	64	35
Number of interviews without effort:			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of boat-hours:			9.3	5.5	28.8	31.5	64	30.3	76.8	110.5	62.8	139.3	130.3	199.3	22.8	104	112.8	187.3	71.5
Catch-per-effort:			2.2	12.0	4.7	13.2	8.3	16.1	11.7	11.3	10.3	15.4	9.2	20.1	23.2	18.0	21.5	14.7	19.0
Number of boat-hours: Muskellunge only																			

		Six Tribal Bands Combined:																						
		Tribal Quota	May 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	Total	Quota Balance	Boat-Hour	CPE
Number of lakes:			52	57	46	49	44	26	21	16	22	29	30	28	12	18	15	13	12	10	959			
Number of walleye:		55,952	1,023	2,812	1,962	1,878	814	350	96	2	0	64	0	17	0	0	0	0	3	0	29,730	26,222		
Number of spearer-nights:			64	134	108	106	55	45	9	7	2	13	2	12	0	0	3	0	2	0	1,835			
Number of spearer-nights: Muskellunge only			6	5	3	2					6		6	3	3	3	1	9	1	9	57			
Number of interviews with effort:			32	64	53	46	23	20	4	3	1	5	1	4	0	0	1	0	1	0	818			
Number of interviews without effort:			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Number of boat-hours:			61.3	133	110.3	99.5	57	47.5	12.3	5.3	1.8	11	1	9.3	0	0	2.3	0	1.5	0			1,952	
Catch-per-effort:			16.7	21.1	17.8	18.9	14.3	7.4	7.8	0.4	0.0	5.8	0.0	1.8	*	*	0.0	*	2.0	*				15.2
Number of boat-hours: Muskellunge only			4.0	2.0	3.5	2.0					5.0		4.5	5.0	2.0	3.0	1.8	4.8	0.0	4.8				42.3

Appendix B. Number of walleye harvested nightly on lakes selected by six Wisconsin Chippewa bands during spring 2011. 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	Bad River Lake	Area (acres)	2011 Quota Balance	2011 Tribal Quota															Total Harvest	Boat- Hour	CPE																
				14	15	16	17	18	19	20	21	22	23	24	25	26	27	28				29	30	May													
ASHLAND	BEAR L	204	50																						0	*											
ASHLAND	GORDON L	142	35																						0	*											
BAYFIELD	LOWEN	1,323	0									18													44	6.3	7.0										
BAYFIELD	NAMEKAGON L	3,227	0									208													501	26.8	18.7										
BAYFIELD	SISKIWIIT L	330	50																					0	*												
CHIPPEWA	HOLCOMBE FL	3,890	193																					0	*												
CHIPPEWA	L WISSOTA	6,300	832	**																				0	*												
CHIPPEWA	LONG L	1,052	207									37													37	1.5	24.7										
DOUGLAS	BOND L	293	71																					0	*												
DOUGLAS	DOWLING L	154	38																					0	*												
DOUGLAS	L MINNESIUNG	432	73																					0	*												
DOUGLAS	WHITEFISH L	832	107																					67													
IRON	ECHO L	220	54																						123	9.3	13.3										
IRON	FISHER L	452	34																					0	*												
IRON	LONG L	396	50																					0	*												
IRON	PINE L	312	76																					0	*												
IRON	SPIDER L	352	85																					0	*												
IRON	TRUDE L	781	390																					0	*												
IRON	TURTLE-FLAMBEAU FL	13,545	250																					0	*												
PRICE	SOLBERG L	859	280																					0	*												
RUSK	CHAIN L	468	34	**																				0	*												
RUSK	ISLAND L	526	38	**																				0	*												
SAWYER	CONNORS L	429	40									100												100	4.5	22.2											
SAWYER	NELSON L	2,503	84									29												29	5.5	5.3											
SAWYER	TEAL L	1,049	0								192	**												390	19.5	20.0											
TAYLOR	RIB L	320	77																					0	*												
VILAS	ANNABELLE L	213	31																					0	*												
VILAS	BLACK OAK L	584	19																					0	*												
VILAS	CRAB L	949	63																				23	23	3.8	6.1											
VILAS	FOREST L	466	0																				57	57	257	13.3	19.4										
VILAS	HARRIS L	507	0																				112	112	3.5	32.0											
VILAS	HIGH L	734	0																				121	121	3.5	34.6											
VILAS	LOST CANOE L	249	61																				**	79	79	3.8	21.1										
VILAS	MAMIE L	400	0																					0	*												
VILAS	N TURTLE L	369	255																					92	92	2.3	40.9										
VILAS	PRESQUE ISLE L CHAIN	1,571	0																				242	242	367	9.0	40.8										
VILAS	S TURTLE L	454	0																				115	115	2.5	46.0											
VILAS	TENDERFOOT L	437	143																					71	71	10.0	7.1										
Number of lakes:				38																																	
Number of walleye:				3,710	6,171	0	37	0	0	0	0	0	0	2	0	0	4	4	2	0	0	0	0	0	0	0	0	0	0	0	1	2	3				
Number of spearer-nights (# permits):						0	0	0	0	0	0	0	0	400	0	263	227	204	0	0	0	0	0	0	0	0	0	0	0	0	112	23	220	2,461			
Number of interviews with effort:						0	2	0	0	0	0	0	18	0	6	14	6	0	0	0	0	0	0	0	0	0	0	0	0	4	2	13	104				
Number of interviews without effort:						0	1	0	0	0	0	0	8	0	3	7	2	0	0	0	0	0	0	0	0	0	0	0	0	5	0	2	1	6	46		
Number of boat-hours:						0.0	1.5	0.0	0.0	0.0	0.0	0.0	20.5	0.0	13.0	22.8	10.3	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	0.0	0.0	0.0	0.0		
Catch-per-effort:						*	24.7	*	*	*	*	*	19.5	*	20.2	10.0	19.9	*	*	*	*	*	*	*	*	24.4	38.7	*	34.6	*	32.0	6.1	12.8		19.7		

\*\* Lakes not speared during spring 2011.

\*\*\* 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 2011. 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		2011 Quota Balance	2011 Tribal Quota	April													May		Total Harvest	Boat-Hour	CPE								
	Lake	Area (acres)			16	17	18	19	20	21	22	23	24	25	26	27	28	29	30				1	2	3	4				
CHIPPEWA	HOLCOMBE FL	3,890	193	193																						0			*	
RUSK	POTATO L	534	54	62	8																						8	2.3	3.6	
RUSK	PULASKI L	126	45	45	**																						0		*	
RUSK	SAND L	262	73	91	5	**	13																				18	8.0	2.3	
SAWYER	BARBER L	238	13	13																**								0		*
SAWYER	DURPHEE L	193	0	43				**	43																			43	2.8	15.6
SAWYER	GRINDSTONE L	3,111	121	316											175	**	20										195	17.8	11.0	
SAWYER	L CHETAC	1,920	0	313					233	80																		313	31.8	9.9
SAWYER	L CHIPPEWA	15,300	152	2,000	**	6	55	37	167	154	**	633	506	93	**	**	54	**	0	**	10	62	72	1,848	159.8	11.6	8.6			
SAWYER	LAC COURTE OREILLES	5,039	0	404										223	77	51	44	**				9	404	47.0	8.6	0.0				
SAWYER	LITTLE ROUND L	229	4	4																								0	1.0	0.0
SAWYER	LOST LAND L	1,304	235	274					20	15	3																	39	24.3	1.6
SAWYER	ROUND L	3,054	0	281												262	19				**	**					281	34.3	8.2	
SAWYER	SAND L	928	1	92			91																				**	91	5.0	18.2
SAWYER	SISSABAGAMA L	719	0	75					**	75																		75	7.0	10.7
SAWYER	SPIDER L	1,454	0	138						111	27																	138	10.5	13.1
SAWYER	TIGERCAT FL	819	82	82												**	**													*
SAWYER	WHITEFISH L	786	0	79					47	**	24											8						79	11.8	6.7
SAWYER	WINDFALL L	102	0	36			36																					36	1.8	20.6
SAWYER	WINDIGO L	522	0	114				18	96																			114	6.5	17.5
WASHBURN	BIRCH L	368	19	26			7																					7	3.8	1.9
WASHBURN	LONG L	3,290	0	239																						239		12.5	19.1	
WASHBURN	STONE L	523	0	50				0	20	20	**														**	50	10.8	4.7		
Number of lakes:					4	4	4	4	5	4	4	4	4	4	4	4	4	4	4	4	3	3	2							
Number of walleye:					4,970	13	49	159	75	326	387	202	764	571	494	77	51	126	501	19	1	20	71	72	3,978					
Number of spearer-nights: (# of permits)						4	6	22	7	26	41	12	46	25	45	6	4	14	34	5	3	4	5	5	314					
Number of interviews with effort:						2	3	10	3	12	18	7	16	10	18	3	2	8	15	2	2	3	4	2	140					
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				
Number of boat-hours:						5.0	7.3	29.3	9.3	25.3	43.5	19.0	53.0	39.5	53.5	8.3	5.0	20.0	45.8	3.0	6.3	7.5	11.0	7.0	398.3					
Catch-per-effort:						2.6	6.8	5.4	8.1	12.9	8.9	10.6	14.4	14.5	9.2	9.3	10.2	6.3	11.0	6.3	0.2	2.7	6.5	10.3						

\* Lakes not speared during spring 2011.  
 \*\* 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 2011. Also, balance of quota, number of boat-hours, catch per effort (CPE - walleye per boat-hour), number of speaker-nights, number of interviews with effort, and number of interviews without effort.

County	Lac du Flambeau Lake	Area (acres)	2011			2011 Tribal Quota														May 1	2	3	4	5				
			Balance	Quota	Balance		15 April	16	17	18	19	20	21	22	23	24	25	26	27						28	29	30	
CHIPPEWA	HOLCOMBE FL	3890	193	193	193	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
CHIPPEWA	L WISSOTA	6300	0	139	139	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
DUNN	TANTER L	1752	181	181	181	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
IRON	BIG PINE L	632	137	137	137	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
IRON	GILE FL	3384	678	678	678	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
IRON	L OF THE FALLS	338	72	72	72	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
IRON	LOWER SPRINGSTEAD L	95	22	22	22	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
IRON	MARTHA L	146	33	33	33	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
IRON	MERCER L	184	13	13	13	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
IRON	PARDEE L	206	46	46	46	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
IRON	PIKE L	165	37	37	37	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
IRON	RANDALL L	115	26	26	26	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
IRON	RICE L	125	29	29	29	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
IRON	SANDY BEACH L	111	25	25	25	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
IRON	TURTLE-FLAMBEAU FL	13545	1	4,570	4,570	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
LINCOLN	JERSEY CITY FL	404	44	44	44	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
LINCOLN	L ALICE	1369	143	143	143	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
LINCOLN	L MOHAWKIN	1910	113	418	418	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
LINCOLN	RICE R FL CHAIN	3764	757	784	784	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
LINCOLN	SPIRIT R FL	1663	172	172	172	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
ONEIDA	ALVA L	201	22	22	22	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
ONEIDA	BEARSKIN L	400	0	446	446	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
ONEIDA	BIG CARR L	213	15	15	15	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
ONEIDA	BIRCH L	180	20	20	20	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
ONEIDA	BLUE L	456	100	100	100	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
ONEIDA	BOOM L	437	7	7	7	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
ONEIDA	BOOTH L	207	4	15	15	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
ONEIDA	BUCKSKIN L	634	0	29	29	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
ONEIDA	CARROL L	352	19	24	24	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
ONEIDA	CHAIN L	219	27	50	50	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
ONEIDA	CLEAR L	846	0	181	181	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
ONEIDA	CLEARWATER L	351	39	39	39	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
ONEIDA	COLUMBUS L	670	72	72	72	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
ONEIDA	DAM L	744	2	160	160	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
ONEIDA	E HORSEHEAD L	184	21	21	21	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
ONEIDA	FIFTH L	240	27	27	27	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
ONEIDA	FOURTH L	258	29	29	29	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
ONEIDA	GILMORE L	320	9	23	23	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**

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Lac du Flambeau		Area (acres)	2011 Quota Balance	2011 Tribal Quota	April 15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	May 1	2	3	4	5
ONEIDA	HASBROOK L	302	0	98																					
ONEIDA	HAT RAPIDS FL	650	70	70																					
ONEIDA	INDIAN L	397	43	43																					
ONEIDA	KATHAN L	189	21	21																					
ONEIDA	KATHERINE L	590	2	128																					
ONEIDA	KAWAGUESAGA L	670	2	105																					
ONEIDA	L CREEK	172	19	19																					
ONEIDA	L THOMPSON	382	26	26																					
ONEIDA	MANSON L	236	2	53																					
ONEIDA	MEDICINE L	372	27	83																					
ONEIDA	MERCER L	257	29	29																					
ONEIDA	MINOCQUA L	1360	4	245																					
ONEIDA	MUSKELLUNGE L	284	17	17																					
ONEIDA	N NOKOMIS L	476	0	32																					
ONEIDA	ONEIDA L	255	28	28																					
ONEIDA	PICKEREL L	736	9	9																					
ONEIDA	PINE L	240	27	27																					
ONEIDA	RAINBOW FL	2035	206	419																					
ONEIDA	SAND L	540	0	118																					
ONEIDA	SHISHEBOGAMA L	716	23	23																					
ONEIDA	SQUIRREL L	1317	2	435																					
ONEIDA	SWAMSAUGER L	141	30	30																					
ONEIDA	SWEENEY L	187	21	21																					
ONEIDA	THUNDER L	1768	53	53																					
ONEIDA	TOMAHAWK L CHAIN	3552	8	199																					
ONEIDA	TWO SISTERS L	719	1	155																					
ONEIDA	UPPER KAUBASHINE L	190	21	21																					
ONEIDA	WILLOW FL	5135	899	1,006																					
PRICE	BUTTERNUT L	1006	0	281																					
PRICE	DUROY L	379	84	84																					
PRICE	LAC SAULT DORE	561	114	122																					
PRICE	LONG L	418	68	92																					
PRICE	LONG L	241	54	54																					
PRICE	PIKE L	806	0	173																					
PRICE	PIKLEY FL	334	74	74																					
PRICE	ROUND L	726	0	156																					
PRICE	TURNER L	149	18	34																					
PRICE	WILSON L	351	78	78																					
RUSK	DAIRYLAND RESERVOIR	1745	361	361																					

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County	Lac du Flambeau Lake	Area (acres)	2011		2011																			
			Quota	Balance	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	May			
			Tribal		April															1	2	3	4	5
VILAS	ALDER L	274	61	61															**	**				
VILAS	ALLEQUASH L	426	29	0																29				
VILAS	ALMA L	55	4	4																				
VILAS	ANVIL L	398	88	0																				
VILAS	APEEKWA L	188	42	42																				
VILAS	ARMOUR L	320	71	71																				
VILAS	ARROWHEAD L	99	7	7																				
VILAS	BALLARD L	505	34	34																				
VILAS	BASS L	266	5	5																				
VILAS	BEAR L	76	6	6																				
VILAS	BEAVER L	68	2	2																				
VILAS	BELLE L	53	12	12																				
VILAS	BENSON L	28	6	6																				
VILAS	BIG ARBOR VITAE L	1090	5	5																226				
VILAS	BIG CROOKED L	682	53	53																				
VILAS	BIG DONAHUE L	92	3	3																				
VILAS	BIG GIBSON L	116	0	0																**	**			26
VILAS	BIG HURST L	48	2	2																				
VILAS	BIG KITTEN L	55	2	2																				
VILAS	BIG L (BOULDER JCT)	835	6	6																170				
VILAS	BIG L (MI BORDER)	771	0	0																**	**			
VILAS	BIG MUSKELLUNGE L	930	198	-93																	131			
VILAS	BIG PORTAGE L	638	138	2																178	113			
VILAS	BIG ST GERMAIN L	1617	298	0																	136			
VILAS	BIRCH L	528	116	7																36	17	141	104	
VILAS	BOOT L	284	20	20																109				
VILAS	BOOT L	29	1	1																				
VILAS	BOULDER L	524	114	0																				
VILAS	BRANDY L	110	8	8																				
VILAS	CARPENTER L	333	6	6																				
VILAS	CIRCLE LILY L	223	4	4																				
VILAS	CLEAR L	555	0	0																				
VILAS	CLEVELAND L	32	1	1																121				
VILAS	COCHRAN L	126	3	3																				
VILAS	CRAMPTON L	59	2	2																				
VILAS	CRYSTAL L	88	2	2																				
VILAS	DEAD PIKE L	297	21	21																				
VILAS	DEER L	65	2	2																	**	**		
VILAS	DEER L	37	1	1																				

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County	Lac du Flambeau Lake	Area (acres)	2011		2011 Tribal Quota	April 15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	May		3	4	5	
			Quota Balance	Balance																		1	2				
VILAS	DEERSKIN L	309	21		21																						
VILAS	DIAMOND L	122	3		3																						
VILAS	DOROTHY DUNN L	70	2		2																						
VILAS	DUCK L	108	25		25																						
VILAS	E ELLERSON L	136	31		31																						
VILAS	EAGLE L	572	122		124																	**	**	**	2	**	
VILAS	ELEANORE L	28	6		6																						
VILAS	ERICKSON L	106	12		12																						
VILAS	ESCANABA L	293	0		0																						
VILAS	FAWN L	22	5		5																						
VILAS	FAWN L	74	17		17																						
VILAS	FINGER L	90	2		2																						
VILAS	FISHTRAP L	329	18		33																				15		
VILAS	FOUND L	326	23		23																						
VILAS	FRANK L	141	3		3																						
VILAS	HARMONY L	88	2		2																						
VILAS	HELEN L	111	25		25																						
VILAS	HIAWATHA L	36	2		2																						
VILAS	HORSEHEAD L	234	0		109																109						
VILAS	HUNTER L	184	13		13																						
VILAS	IMOGENE L	66	2		2																						
VILAS	IRVING L	403	7		7																			**			
VILAS	ISLAND L	1023	0		217																97	**	120				
VILAS	JAG L	158	36		36																						
VILAS	JENNY L	59	14		14																						
VILAS	JOHNSON L	78	6		6																						
VILAS	KATINKA L	172	39		39																						
VILAS	KENU L	73	2		2																						
VILAS	KILDARE L	54	2		2																						
VILAS	L CONTENT	244	55		55																						
VILAS	L LAURA	599	0		130																						130
VILAS	LAC DES FLEURS	49	2		2																						
VILAS	LITTLE ARBOR VITAE L	534	0		117															117							
VILAS	LITTLE CROOKED L	153	4		4																						
VILAS	LITTLE HORSEHEAD L	52	12		12																						
VILAS	LITTLE JOHN L	166	0		37																						37
VILAS	LITTLE PAPOOSE L	46	2		2																						
VILAS	LITTLE PORTAGE L	170	39		39																						
VILAS	LITTLE RICE L	59	2		2																						

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County	Lac du Flambeau Lake	Area (acres)	2011																									
			Balance	Quota	Tribal Quota	April 15	April 16	April 17	April 18	April 19	April 20	April 21	April 22	April 23	April 24	April 25	April 26	April 27	April 28	April 29	April 30	May 1	May 2	May 3	May 4	May 5		
VILAS	LITTLE SPIDER L	235	17		17																							
VILAS	LITTLE ST GERMAIN L	980	53		62																							
VILAS	LITTLE STAR L	244	0		55																							
VILAS	LITTLE TROUT L	978	62		62																							
VILAS	LONE PINE L	142	10		10																							
VILAS	LOON L	31	1		1																							
VILAS	LOST L	544	36		36																							
VILAS	LOWER AIMER L	34	1		1																							
VILAS	LOWER BUCKATABON L	352	7		7																							
VILAS	LYNX L	22	5		5																							
VILAS	LYNX L	339	0		47																							
VILAS	MANITOWISH L	506	0		111																							
VILAS	MANN L	261	5		5																							
VILAS	MARSHALL L	87	2		2																							
VILAS	MCCULLOUGH L	216	4		4																							
VILAS	MERMAID L	60	2		2																							
VILAS	META L	175	4		4																							
VILAS	MIDDLE GRESHAM L	53	2		2																							
VILAS	MOCCASIN L	83	2		2																							
VILAS	MOON L	131	9		9																							
VILAS	MORTON L	163	4		4																							
VILAS	MURPHY L	81	2		2																							
VILAS	MUSKELLUNGE L	272	19		19																							
VILAS	N CRAB L	56	13		13																							
VILAS	NELSON L	104	3		3																							
VILAS	NIXON L	110	3		3																							
VILAS	NO MANS L	225	51		51																							
VILAS	NORWOOD L	125	7		7																							
VILAS	OTTER L	196	44		44																							
VILAS	OXBOW L	511	22		112																							
VILAS	PALMER L	635	23		23																							
VILAS	PAPOOSE L	428	0		94																							
VILAS	PARTRIDGE L	228	5		5																							
VILAS	PICKEREL L	293	6		6																							
VILAS	PINE ISLAND L	79	2		2																							
VILAS	PIONEER L	427	29		29																							
VILAS	PLUM L	1033	0		343																							
VILAS	PLUM L	100	6		6																							
VILAS	RAINBOW L	146	33		33																							

Appendix B. Number of walleye harvested nightly on lakes selected by six Wisconsin Chippewa bands during spring 2011. 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 du Flambeau		Area (acres)	2011		Date																					
	Lake	Quota		Balance	2011	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	May	1	2	3	4	5
VILAS	RAZORBACK L	362	0	80																	80						
VILAS	REST L	608	1	132																	**	59		72			
VILAS	RICE L	71	17	17																							
VILAS	ROACH L	51	12	12																							
VILAS	ROACH L	125	1	1																							
VILAS	ROCK L	122	28	28																							
VILAS	ROUND L	116	3	3																							
VILAS	RUSH L	44	10	10																							
VILAS	SANFORD L	88	20	20																							
VILAS	SCATTERING RICE L	267	60	60																		**	**	**	0		
VILAS	SHERMAN L	123	30	235						1	166	31	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
VILAS	SNIPE L	239	0	28																		28					**
VILAS	SPARKLING L	154	0	0																							
VILAS	SPECTACLE L	171	4	4																							
VILAS	SPIDER L	272	2	61																							
VILAS	SPRING L	205	46	46																		**	**	**	**	**	59
VILAS	SQUAW L	785	8	285						167	40	70															
VILAS	STAR L	1206	8	254																							
VILAS	STATELINE L	199	1	1																		246					
VILAS	STEWART L	39	9	9																							
VILAS	STONE L	139	32	32																		**	**	**	**	**	**
VILAS	STURGEON L	32	7	7																							
VILAS	SUMACH L	60	2	2																							
VILAS	TOWANDA L	146	10	10																							
VILAS	TROUT L	3816	75	635																							
VILAS	UPPER AIMER L	33	1	1																							50
VILAS	UPPER BUCKATABON L	494	13	13																							
VILAS	UPPER GRESHAM L	366	25	25																							
VILAS	VANCE L	30	7	7																							
VILAS	VOYAGEUR L	130	30	30																							
VILAS	W BAY L	368	38	38																							
VILAS	W PLUM L	75	17	17																							
VILAS	W WITCHES L	30	1	1																							
VILAS	WATERSMEET L	100	23	23																							
VILAS	WHITE BIRCH L	112	26	26																							
VILAS	WHITE SAND L	734	0	48																					**	**	48
VILAS	WILD RICE L	379	67	67																							
VILAS	WILDCAT L	305	0	21																		**	**	**	**	21	
VILAS	WOLF L	393	92	92																							

Appendix B. Number of walleye harvested nightly on lakes selected by six Wisconsin Chippewa bands during spring 2011. 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.

Lac du Flambeau		2011																						
County	Lake	Area (acres)	2011 Quota Balance	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	1	2	3	4	5
VILAS	YELLOW BIRCH L	202	46																					

Number of lakes:		234		2	3	3	3	3	3	3	10	11	11	12	11	12	12	13	14	15	18	27	19	21	20
Number of walleye:			7,706	0	0	0	0	0	18	351	42	518	204	2993	450	1465	1487	1203	418	799	1520	716	685	293	
Number of spearer-nights: (# of permits)				0	5	0	0	2	22	13	24	23	81	20	68	59	56	22	44	64	41	41	48	25	
Number of spearer-nights: Muskellunge only																									
Number of interviews with effort:				0	2	0	0	0	1	8	6	12	12	36	10	29	26	25	9	21	33	21	18	12	
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	
Number of boat-hours:					3.0				3.5	23.0	7.0	32.5	29.8	105	14.5	67.8	47.3	61.8	20.0	35.5	51.3	45.3	38.8	30.0	
Catch-per-effort:				*	0.0	*			5.1	15.3	6.0	15.9	6.9	28.6	3.0	21.6	31.5	19.5	20.9	20.8	29.7	15.8	17.7	9.8	
Number of boat-hours: Muskellunge only																									

\* Lakes not speared during spring 2011.  
 \*\* Lakes open for spearing but no effort.  
 \*\*\* Lakes opened for muskellunge harvest only.



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County	Lac du Flambeau Lake	Area (acres)	2011		2011 Tribal Quota	May	6	7	8	9	10	11	12	13	14	15	16	17	18	19	Total Harvest	Boat- Hour	Spear CPE	
			Quota Balance	193																				
CHIPPEWA	HOLCOMBE FL	3890	193	193	193																0		*	
CHIPPEWA	L WISSOTA	6300	0	139	139																	139	8.0	17.4
DUNN	TAINTER L	1752	181	181	181																	0		*
IRON	BIG PINE L	632	137	137	137																	0		*
IRON	GILE FL	3384	678	678	678																	0		*
IRON	L OF THE FALLS	338	72	75	75																	3	1.8	1.7
IRON	LOWER SPRINGSTEAD L	95	22	22	22																	0		*
IRON	MARTHA L	146	33	33	33																	0		*
IRON	MERCER L	184	13	13	13																	0		*
IRON	PARDEE L	206	46	46	46																	0		*
IRON	PIKE L	165	37	37	37																	0		*
IRON	RANDALL L	115	26	26	26																	0		*
IRON	RICE L	125	29	29	29																	0		*
IRON	SANDY BEACH L	111	25	25	25																	0		*
IRON	TURTLE-FLAMBEAU FL	13545	1	4,570	4,570																	4569	157.0	29.1
LINCOLN	JERSEY CITY FL	404	44	44	44																	0		*
LINCOLN	L ALICE	1369	143	143	143																	0		*
LINCOLN	L MOHAWKIN	1910	113	418	418																	305	31.0	9.8
LINCOLN	RICE R FL CHAIN	3764	757	784	784																	27	14.0	1.9
LINCOLN	SPIRIT R FL	1663	172	172	172																	0		*
ONEIDA	ALVA L	201	22	22	22																	0		*
ONEIDA	BEARSKIN L	400	0	446	446																	446	9.0	49.6
ONEIDA	BIG CARR L	213	15	15	15																	0		*
ONEIDA	BIRCH L	180	20	20	20																	0		*
ONEIDA	BLUE L	456	100	100	100																	0		*
ONEIDA	BOOM L	437	7	7	7																	0		*
ONEIDA	BOOTH L	207	4	15	15																	11	3.0	3.7
ONEIDA	BUCKSKIN L	634	0	29	29																	29	2.0	14.5
ONEIDA	CARROLL	352	19	24	24																	5	3.8	1.3
ONEIDA	CHAIN L	219	27	50	50																	23	3.5	6.6
ONEIDA	CLEAR L	846	0	181	181																	181	11.0	16.5
ONEIDA	CLEARWATER L	351	39	39	39																	0		*
ONEIDA	COLUMBUS L	670	72	72	72																	0		*
ONEIDA	DAM L	744	2	160	160																	158	8.3	19.2
ONEIDA	E HORSEHEAD L	184	21	21	21																	0		*
ONEIDA	FIFTH L	240	27	27	27																	0		*
ONEIDA	FOURTH L	258	29	29	29																	0		*
ONEIDA	GILMORE L	320	9	23	23																	14	4.0	3.5

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Lac du Flambeau		Area (acres)	2011 Quota Balance	2011 Tribal Quota	May	7	8	9	10	11	12	13	14	15	16	17	18	19	Total Harvest	Boat-Hour	Spear CPE
County	Lake																				
ONEIDA	HASBROOK L	302	0	98	**	**			23										98	3.0	32.7
ONEIDA	HAT RAPIDS FL	650	70	70															0		*
ONEIDA	INDIAN L	397	43	43															0		*
ONEIDA	KATHAN L	189	21	21															0		*
ONEIDA	KATHERINE L	590	2	128		**	**	**	**	**	**	**	**	**	**	**	**	**	128	3.0	42.0
ONEIDA	KAWAGUESAGA L	670	2	105	12	**	**	**	**	**	**	**	**	**	**	**	**	**	103	12.3	8.4
ONEIDA	L CREEK	172	19	19															0		*
ONEIDA	L THOMPSON	382	26	26	**														0		*
ONEIDA	IMANSON L	236	2	53															51	6.0	8.5
ONEIDA	MEDICINE L	372	27	83															56	3.5	16.0
ONEIDA	MERCER L	257	29	29															0		*
ONEIDA	MINOCQUA L	1360	4	245	1	**	**	**	0	**	**	**	**	**	**	**	**	**	241	8.5	28.4
ONEIDA	MUSKELLUNGE L	284	17	17	**	**	**	**	**	**	**	**	**	**	**	**	**	**	0		*
ONEIDA	N NOKOMIS L	476	0	32	**	**	**	**	32	**	**	**	**	**	**	**	**	**	32	2.8	11.6
ONEIDA	ONEIDA L	255	28	28															0		*
ONEIDA	PICKEREL L	736	9	9				**	**	**	**	**	**	**	**	**	**	**	0		*
ONEIDA	PINE L	240	27	27															0		*
ONEIDA	RAINBOW FL	2035	206	419	**								**	**	**	**	**	**	213	23.8	9.0
ONEIDA	SAND L	540	0	118				**	**	**	**	**	**	**	**	**	**	**	118	3.0	39.3
ONEIDA	SHISHOBOGAMA L	716	23	23				**	**	**	**	**	**	**	**	**	**	**	0		*
ONEIDA	SQUIRREL L	1317	2	435		**	2	**	**	**	1	**	**	**	**	**	**	**	433	15.8	27.5
ONEIDA	SWAMSAUGER L	141	30	30					**	**	**	**	**	**	**	**	**	**	0		*
ONEIDA	SWEENEY L	187	21	21				**	**	**	**	**	**	**	**	**	**	**	0		*
ONEIDA	THUNDER L	1768	53	53															0		*
ONEIDA	TOMAHAWK L CHAIN	3552	8	199	27	2		**	**	**	**	**	**	**	**	**	**	**	191	31.5	6.1
ONEIDA	TWO SISTERS L	719	1	155				**	**	**	**	**	**	**	**	**	**	**	154	8.5	18.1
ONEIDA	UPPER KAUBASHINE L	190	21	21				**	**	**	**	**	**	**	**	**	**	**	0		*
ONEIDA	WILLOW FL	5135	899	1,006	**	39													107	13.8	7.8
PRICE	BUTTERNUT L	1006	0	281															281	9.8	28.8
PRICE	DUROY L	379	84	84															0		*
PRICE	LAC SAULT DORE	561	114	122															8	2.5	3.2
PRICE	LONG L	418	68	92															24	9.3	2.6
PRICE	LONG L	241	54	54															0		*
PRICE	PIKE L	806	0	173															173	12.5	13.8
PRICE	PIXLEY FL	334	74	74															0		*
PRICE	ROUND L	726	0	156															156	6.0	26.0
PRICE	TURNER L	149	18	34															16	3.3	4.9
PRICE	WILSON L	351	78	78															0		*
RUSK	DAIRYLAND RESERVOIR	1745	361	361															0		*

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County	Lac du Flambeau Lake	Area (acres)	2011 Quota Balance	2011 Tribal Quota	2011													Total Harvest	Boat- Hour	Spear CPE
					May	6	7	8	9	10	11	12	13	14	15	16	17			
VILAS	ALDER L	274	61	61													0			
VILAS	ALLEGUASH L	426	0	29	***	***	***	***	***	***	***	***	***	***	***	***	29	4.0	7.3	
VILAS	ALIMA L	55	4	4													0			
VILAS	ANVIL L	398	0	88													88	3.3	27.1	
VILAS	APEEKWA L	188	42	42													0			
VILAS	ARMOUR L	320	71	71													0			
VILAS	ARROWHEAD L	99	7	7													0			
VILAS	BALLARD L	505	34	34													0			
VILAS	BASS L	286	5	5													0			
VILAS	BEAR L	76	6	6													0			
VILAS	BEAVER L	68	2	2													0			
VILAS	BELLE L	53	12	12													0			
VILAS	BENSON L	28	6	6													0			
VILAS	BIG ARBOR VITAE L	1090	5	231	0	**	**	0									226	11.0	20.5	
VILAS	BIG CROOKED L	682	53	53													0			
VILAS	BIG DONAHUE L	92	3	3													0			
VILAS	BIG GIBSON L	116	0	26													26	1.0	26.0	
VILAS	BIG HURST L	48	2	2													0			
VILAS	BIG KITTEN L	55	2	2													0			
VILAS	BIG L (BOULDER JCT)	835	6	179	**	**	**	**	**	**	3	**	**	0			173	13.3	13.1	
VILAS	BIG L (MI BORDER)	771	0	131	**	**	**	**	**	**	**	**	**	**	**	**	131	2.8	47.6	
VILAS	BIG MUSKELLUNGE L	930	-93	198	***	***	***	***	***	***	***	***	***	***	***	***	291	11.0	26.5	
VILAS	BIG PORTAGE L	638	2	138	**	**	**	**	**	**	**	**	**	**	**	**	136	5.5	24.7	
VILAS	BIG ST GERMAIN L	1617	0	298	**	**	**	**	**	**	**	**	**	**	**	**	298	13.3	22.5	
VILAS	BIRCH L	528	7	116													109	3.5	31.1	
VILAS	BOOT L	284	20	20													0			
VILAS	BOOT L	29	1	1													0			
VILAS	BOULDER L	524	0	114							***						114	2.5	45.6	
VILAS	BRANDY L	110	8	8													0			
VILAS	CARPENTER L	333	6	6													0			
VILAS	CIRCLE LILY L	223	4	4													0			
VILAS	CLEAR L	555	0	121	0												121	4.0	30.3	
VILAS	CLEVELAND L	32	1	1													0			
VILAS	COCHRAN L	126	3	3													0			
VILAS	GRAMPTON L	59	2	2													0			
VILAS	CRYSTAL L	88	2	2													0			
VILAS	DEAD PIKE L	297	21	21													0			
VILAS	DEER L	65	2	2													0			
VILAS	DEER L	37	1	1													0			

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Lac du Flambeau		Area (acres)	2011		May													Total Harvest	Boat-Hour	Spear CPE
County	Lake		Balance	Tribal Quota		6	7	8	9	10	11	12	13	14	15	16	17			
VILAS	DEERSKIN L	309	21	21														0		*
VILAS	DIAMOND L	122	3	3														0		*
VILAS	DOROTHY DUNN L	70	2	2														0		*
VILAS	DUCK L	108	25	25														0		*
VILAS	E ELLERSON L	136	31	31														0		*
VILAS	EAGLE L	572	122	124	**													2	0.5	4.0
VILAS	ELEANORE L	28	6	6														0		*
VILAS	ERICKSON L	106	12	12														0		*
VILAS	ESCANABA L	293	0	0														0		*
VILAS	FAWN L	22	5	5														0		*
VILAS	FAWN L	74	17	17														0		*
VILAS	FINGER L	90	2	2														0		*
VILAS	FISHTRAP L	329	18	33														15	2.0	7.5
VILAS	FOUND L	326	23	23														0		*
VILAS	FRANK L	141	3	3														0		*
VILAS	HARMONY L	88	2	2														0		*
VILAS	HELEN L	111	25	25														0		*
VILAS	HIAWATHA L	36	2	2														0		*
VILAS	HORSEHEAD L	234	0	109														109	4.5	24.2
VILAS	HUNTER L	184	13	13														0		*
VILAS	IMOGENE L	66	2	2														0		*
VILAS	IRVING L	403	7	7														0		*
VILAS	ISLAND L	1023	0	217					**	***								217	6.5	33.4
VILAS	JAG L	158	36	36								**						0		*
VILAS	JENNY L	59	14	14														0		*
VILAS	JOHNSON L	78	6	6														0		*
VILAS	KATINKA L	172	39	39														0		*
VILAS	KENU L	73	2	2														0		*
VILAS	KILDARE L	54	2	2														0		*
VILAS	L CONTENT	244	55	55														0		*
VILAS	L LAURA	598	0	130														130	4.3	30.6
VILAS	LAC DES FLEURS	49	2	2														0		*
VILAS	LITTLE ARBOR VITAE L	534	0	117					***	***	***							117	7.0	16.7
VILAS	LITTLE CROOKED L	153	4	4														0		*
VILAS	LITTLE HORSEHEAD L	52	12	12														0		*
VILAS	LITTLE JOHN L	166	0	37					***	***								37	3.0	12.3
VILAS	LITTLE PAPOOSE L	46	2	2														0		*
VILAS	LITTLE PORTAGE L	170	39	39														0		*
VILAS	LITTLE RICE L	59	2	2														0		*

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County	Lac du Flambeau		Area (acres)	2011 Quota Balance	2011 Tribal Quota	May	6	7	8	9	10	11	12	13	14	15	16	17	18	19	Total Harvest	Boat-Hour	Spear CPE	
	Lake																							
VILAS	LITTLE SPIDER L		235	17	17																0		*	
VILAS	LITTLE ST GERMAIN L		980	53	62	2	**			**												9	7.8	1.2
VILAS	LITTLE STAR L		244	0	55																	55	5.5	10.0
VILAS	LITTLE TROUT L		978	62	62																	0		*
VILAS	LONE PINE L		142	10	10																	0		*
VILAS	LOON L		31	1	1																	0		*
VILAS	LOST L		544	36	36																	0		*
VILAS	LOWER AIMER L		34	1	1																	0		*
VILAS	LOWER BUCKATABON L		352	7	7	**																0		*
VILAS	LYNX L		22	5	5					**												0		*
VILAS	LYNX L		339	0	47						***											47	2.0	23.5
VILAS	MANITOWISH L		506	0	111																	111	8.5	13.1
VILAS	MANN L		261	5	5																	0		*
VILAS	MARSHALL L		87	2	2																	0		*
VILAS	MCCULLOUGH L		216	4	4																	0		*
VILAS	MERMAID L		60	2	2																	0		*
VILAS	META L		175	4	4																	0		*
VILAS	MIDDLE GRESHAM L		53	2	2																	0		*
VILAS	MOCCASIN L		83	2	2																	0		*
VILAS	MOON L		131	9	9																	0		*
VILAS	MORTON L		163	4	4																	0		*
VILAS	MURPHY L		81	2	2																	0		*
VILAS	MUSKELLUNGE L		272	19	19																	0		*
VILAS	N CRAB L		56	13	13																	0		*
VILAS	NELSON L		104	3	3																	0		*
VILAS	NIXON L		110	3	3																	0		*
VILAS	NO MANS L		225	51	51																	0		*
VILAS	NORWOOD L		125	7	7																	0		*
VILAS	OTTER L		196	44	44																	0		*
VILAS	OXBOW L		511	22	112					**												90	5.0	18.0
VILAS	PALMER L		635	23	23		**				**					**						0		*
VILAS	PAPOOSE L		428	0	94																	94	3.5	26.9
VILAS	PARTRIDGE L		228	5	5																	0		*
VILAS	PICKERELL L		293	6	6																	0		*
VILAS	PINE ISLAND L		79	2	2																	0		*
VILAS	PIONEER L		427	29	29																	0		*
VILAS	PLUM L		1033	0	343		***	***	***			***										343	12.3	28.0
VILAS	PLUM L		100	6	6																	0		*
VILAS	RAINBOW L		146	33	33	**																0		*

Appendix B. Number of walleye harvested nightly on lakes selected by six Wisconsin Chippewa bands during spring 2011. Also, balance of quota, number of boat-hours, catch per effort (CPE - walleye per boat-hour), number of spear-nights, number of interviews with effort, and number of interviews without effort.

Lac du Flambeau		Area (acres)	2011		May	7	8	9	10	11	12	13	14	15	16	17	18	19	Total Harvest	Boat-Hour	Spear CPE
County	Lake		Quota Balance	Tribal Quota																	
VILAS	RAZORBACK L	362	0	80		***	***	***	***	***	***	***	***	***					80	2.5	32.0
VILAS	REST L	608	1	132		**	**	**	**	**	**	**	**	**			**	**	131	10.3	12.8
VILAS	RICE L	71	17	17															0		*
VILAS	ROACH L	51	12	12															0		*
VILAS	ROACH L	125	1	1															0		*
VILAS	ROCK L	122	28	28															0		*
VILAS	ROUND L	116	3	3															0		*
VILAS	RUSH L	44	10	10															0		*
VILAS	SANFORD L	88	20	20															0		*
VILAS	SCATTERING RICE L	267	60	60															0	1.3	0.0
VILAS	SHERMAN L	123	30	235	**														205	15.0	13.7
VILAS	SHUPE L	239	0	28															28	3.3	8.6
VILAS	SPARKLING L	154	0	0															0		*
VILAS	SPECTACLE L	171	4	4															0		*
VILAS	SPIDER L	272	2	61															59	6.3	9.4
VILAS	SPRING L	205	46	46															0		*
VILAS	SQUAW L	785	8	285	**		**	**	**	**	**	**	**	**	**	**	**	**	277	20.0	13.9
VILAS	STAR L	1206	8	254	**		**	**	**	**	**	**	**	**	**	**	**	**	246	5.0	49.2
VILAS	STATELINE L	199	1	1															0		*
VILAS	STEWART L	39	9	9															0		*
VILAS	STONE L	139	32	32															0		*
VILAS	STURGEON L	32	7	7															0		*
VILAS	SUMACH L	60	2	2															0		*
VILAS	TOWANDA L	146	10	10															0		*
VILAS	TROUT L	3816	75	635							***	***	***	***	***	***	***	***	560	33.0	17.0
VILAS	UPPER AIMER L	33	1	1															0		*
VILAS	UPPER BUCKATABON L	494	13	13	**		**	**	**	**	**	**	**	**	**	**	**	**	0		*
VILAS	UPPER GRESHAM L	366	25	25															0		*
VILAS	VANCE L	30	7	7															0		*
VILAS	VOYAGEUR L	130	30	30															0		*
VILAS	W BAY L	368	38	38															0		*
VILAS	W PLUM L	75	17	17															0		*
VILAS	W WITCHES L	30	1	1															0		*
VILAS	WATERSMEET L	100	23	23															0		*
VILAS	WHITE BIRCH L	112	26	26															0		*
VILAS	WHITE SAND L	734	0	48			***	***	***	***	***	***	***	***	***	***	***	***	48	1.3	38.4
VILAS	WILD RICE L	379	67	67															0		*
VILAS	WILDCAT L	305	0	21							***	***	***	***	***	***	***	***	21	0.8	28.0
VILAS	WOLF L	393	92	92															0		*

Appendix B. Number of walleye harvested nightly on lakes selected by six Wisconsin Chippewa bands during spring 2011. 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 du Flambeau Lake	Area (acres)	2011		May	6	7	8	9	10	11	12	13	14	15	16	17	18	19	Total Harvest	Boat- Hour	Spear CPE
			202	46																		
VILAS	YELLOW BIRCH L	202	46	46	6	7	8	9	10	11	12	13	14	15	16	17	18	19	0	0		*
Number of lakes:		234			13	15	16	22	28	30	28	12	16	15	12	12	10	0	0			
Number of walleye:			7,706	20,970	43	41	2	0	56	0	17	0	0	0	0	3	0	0	13,264			
Number of spearer-nights: (# of permits)					24	5	7	2	10	2	12	0	0	3	0	2	0	0	684			
Number of spearer-nights: Muskellunge only							6	6		6	3	3	1	1	6	1	9		32			
Number of interviews with effort:					10	3	3	1	4	1	4	0	0	1	0	1	0	0	309			
Number of interviews without effort:					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Number of boat-hours:					18.5	8.0	5.3	1.8	8.0	1.0	9.3			2.3		1.5			680.5			
Catch-per-effort:					2.3	5.1		0.0	7.0	0.0	1.8	*	*	0.0	*	2.0	*	*				19.5
Number of boat-hours: Muskellunge only							5.0	5.0	4.5		2.0	2.0	1.8	1.8	0.0	4.8			19.8			

\* Lakes not speared during spring 2011.

\*\* Lakes open for spearing but no effort.

\*\*\* Lakes opened for muskellunge harvest only.

Note 1 On May 4, 2011 as authorized by LDF, the walleye quota for Tomahawk

L Chain was adjusted from 384 to 199.

Note 2 On May 6, 2011 as authorized by LDF, the walleye quota for Willow

Flowage was adjusted from 1,556 to 1,006.

Note 3 On May 17, 2011 the remaining 30 walleye were taken from Sherman Lake by GLIFWC biological staff per joint exploitation study procedure.

Appendix B. Number of walleye harvested nightly on lakes selected by six Wisconsin Chippewa bands during spring 2011. 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	Sokaogon (Mofe Lake) Lake	Area (acres)	2011 Quota Balance	2011 Tribal Quota	April	27	28	29	30	May	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Total Harvest	Boat- Hour	CPE
FLORENCE	EMILY L	191	22	22	22																					0	*	*	
FLORENCE	FAY L	282	31	31	31																						0	*	*
FLORENCE	FISHER L	54	3	3	3																						0	*	*
FLORENCE	HALSEY L	512	12	12	12																						0	*	*
FLORENCE	KEYES L	210	23	23	23							**				**										0	*	*	
FLORENCE	PATTEN L	255	34	34	34						**	**			**	**	55									55	4.3	12.9	*
FLORENCE	PINE R FL	127	45	45	45																					0	*	*	
FLORENCE	SEA LION L	125	5	5	5																					0	*	*	
FLORENCE	ARBUTUS L	161	18	18	18																					0	*	*	
FLORENCE	BIRCH L	468	159	159	159																					0	*	*	
FLORENCE	BUTTERNUT L	1,292	7	7	7	598				**	**			299	292											591	22.3	26.6	*
FLORENCE	CRANE L	337	36	36	36						**															0	*	*	
FLORENCE	FRANKLIN L	892	51	51	51							**														0	*	*	
FLORENCE	GROUND HEMLOCK L	88	11	11	11																					0	*	*	
FLORENCE	HOWELL L	177	62	62	62																					0	*	*	
FLORENCE	JUNGLE L	182	0	0	0	99																				99	4.0	24.8	*
FLORENCE	KING L	33	12	12	12																					0	*	*	
FLORENCE	L LUCERNE	1,026	23	23	23	71	**	11	9	2	**	**		26	**											48	6.3	7.7	*
FLORENCE	L METONGA	1,991	441	441	441																					0	*	*	
FLORENCE	LILY L	211	0	0	0	152			120	32												***				152	8.3	18.4	*
FLORENCE	LITTLE LONG L	102	5	5	5																					0	*	*	
FLORENCE	MOLE L	73	4	4	4																					0	*	*	
FLORENCE	PINE L	1,670	157	157	157																					0	*	*	
FLORENCE	RANGE LINE L	82	10	10	10																					0	*	*	
FLORENCE	ROBERTS L	414	0	0	0	157			129	28												***				157	7.5	20.9	*
FLORENCE	SILVER L	320	10	10	10																					0	*	*	
FLORENCE	STEVENS L	297	33	33	33							**														0	*	*	
FLORENCE	TRUMP L	172	19	19	19																					0	*	*	
LANGLADE	BIG TWIN L	60	3	3	3																					0	*	*	
LANGLADE	DUCK L	123	5	5	5																					0	*	*	
LANGLADE	ENTERPRISE L	505	113	113	121		**	5	3	**																8	3.3	2.5	*
LANGLADE	GOTO L	28	2	2	2																					0	*	*	
LANGLADE	JESSIE L	35	2	2	2																					0	*	*	
LANGLADE	LAWRENCE L	50	5	5	5																					0	*	*	
LANGLADE	MOCCASIN L	110	12	12	12																					0	*	*	
LANGLADE	MUELLER L	88	11	11	11																					0	*	*	
LANGLADE	OTTER L	83	23	23	23																					0	*	*	
LANGLADE	PICKEREL L	1,256	20	20	20																					0	*	*	
LANGLADE	ROLLING STONEL	672	68	68	68																					0	*	*	
LANGLADE	ROSE L	112	13	13	13			**																		0	*	*	
LANGLADE	SAMYER L	149	2	2	2		30																			30	2.5	12.0	*
LANGLADE	SUMMIT L	282	9	9	9																					0	*	*	
LANGLADE	UPPER POST L	757	76	76	76																					0	*	*	
LANGLADE	WHITE L	166	6	6	6																					0	*	*	
LINCOLN	ALEXANDER L	677	15	15	15																					0	*	*	
LINCOLN	DEER L	152	54	54	54																					0	*	*	
LINCOLN	JERSEY CITY FL	404	44	44	44																					0	*	*	





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County	Lake	Area (acres)	2011 Quota Balance	2011 Tribal Quota	April 26	27	28	29	30	May 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Total Harvest	Boat-Hour	CPE
ONEIDA	CURRIE L	96	34	34																						0	*	
ONEIDA	DEER L	177	62	62			**	**																		0	*	
ONEIDA	DIAMOND L	124	44	44																						0	*	
ONEIDA	DOG L	37	2	2																						0	*	
ONEIDA	DOG L	216	75	75																						0	*	
ONEIDA	E HORSEHEAD L	184	21	21																						0	*	
ONEIDA	E TWIN L	47	3	3																						0	*	
ONEIDA	ECHO L	107	38	38																						0	*	
ONEIDA	EMMA L	223	25	25																						0	*	
ONEIDA	FIFTH L	240	27	27																						0	*	
ONEIDA	FISH L	70	25	25																						0	*	
ONEIDA	FOURMILE L	218	76	76																						0	*	
ONEIDA	FOURTH L	258	29	29																						0	*	
ONEIDA	FRANKLIN L	161	18	18																						0	*	
ONEIDA	FULLER L	101	5	5																						0	*	
ONEIDA	GARTH L	114	40	40																						0	*	
ONEIDA	GEORGE L	435	137	234			97	**		**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	97	5.8	16.9
ONEIDA	HANCOCK L	259	8	8																						0	*	
ONEIDA	HAT RAPIDS FL	650	70	70																						0	*	
ONEIDA	HEMLOCK L	39	14	14																						0	*	
ONEIDA	HILL L	30	2	2																						0	*	
ONEIDA	HIXON L	50	3	3																						0	*	
ONEIDA	HODSTRADT L	126	14	14																						0	*	
ONEIDA	INDIAN L	397	43	43					**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	0	*	
ONEIDA	ISLAND L	295	102	102																						0	*	
ONEIDA	JENNIE WEBBER L	226	25	25																						0	*	
ONEIDA	JULIA L (THREE LAKES)	401	43	43																						0	*	
ONEIDA	KATE PIER L	34	12	12																						0	*	
ONEIDA	KATHAN L	189	21	21																						0	*	
ONEIDA	KILLARNEY L	421	11	11																						0	*	
ONEIDA	L CREEK	172	19	19																						0	*	
ONEIDA	L JULIA (RHINELANDER)	238	26	26																						0	*	
ONEIDA	L SEVENTEEN	172	19	19					**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	0	*	
ONEIDA	LAUREL L	232	81	81																						0	*	
ONEIDA	LITTLE BEARSKIN L	164	18	18																						0	*	
ONEIDA	LITTLE CARR L	52	3	3																						0	*	
ONEIDA	LITTLE FORK L	354	116	122				**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	6	1.0	6.0
ONEIDA	LONE STONE L	172	6	6																						0	*	
ONEIDA	LONG L	113	40	40																						0	*	
ONEIDA	LONG L	620	148	208				**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	60	3.5	17.1
ONEIDA	LONG L	56	20	20																						0	*	
ONEIDA	LOST L	155	55	55																						0	*	
ONEIDA	LOWER KAUBASHINE L	187	21	21																						0	*	
ONEIDA	LUMEN L	49	17	17																						0	*	
ONEIDA	MAPLE L	144	5	5																						0	*	
ONEIDA	MARGARET L	88	32	32																						0	*	
ONEIDA	MARS L	41	15	15																						0	*	
ONEIDA	MCCORMICK L	118	5	5																						0	*	

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County	Lake	Area (acres)	2011 Quota Balance	2011 Tribal Quota	April	27	28	29	30	May	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Total Harvest	Boat-Hour	CPE
ONEIDA	MERCER L	257	29	29																								*
ONEIDA	MID L	215	7	7																								*
ONEIDA	MILDRED L	191	7	7																								*
ONEIDA	MOCCASIN L	95	34	34																								*
ONEIDA	MOEN L	460	157	157		**																						*
ONEIDA	MUD L	41	15	15																								*
ONEIDA	MUD L	124	5	5																								*
ONEIDA	MUSKIE L	43	2	2																								*
ONEIDA	N TWO L	146	51	51																								*
ONEIDA	OATMEAL L	97	5	5																								*
ONEIDA	ONEIDA L	255	28	28																								*
ONEIDA	PARADISE L	89	11	11																								*
ONEIDA	PELICAN L	3,585	295	1,107		291	462	51	**	**									8						812	68.0	11.9	
ONEIDA	PICKEREL L	49	3	3																								*
ONEIDA	PIER L	257	28	28																								*
ONEIDA	PINE L	203	23	23																								*
ONEIDA	PINE L	240	27	27																								*
ONEIDA	PLANTING GROUND L	1,012	3	333				330																		330	4.5	73.3
ONEIDA	PRAIRIE L	58	21	21																								*
ONEIDA	RANGE LINE L	123	44	44																								*
ONEIDA	RHINELANDER FL	1,326	430	430																								*
ONEIDA	ROCKY RUN FL	96	34	34																								*
ONEIDA	ROUND L	150	53	53																								*
ONEIDA	S PINE L	77	28	28																								*
ONEIDA	S TWO L	214	75	75																								*
ONEIDA	SECOND L	111	39	39																								*
ONEIDA	SEVENMILE L	503	14	52					**	**																38	2.3	16.9
ONEIDA	SHEPARD L	179	6	6																								*
ONEIDA	SKUNK L	130	46	46																								*
ONEIDA	SOO L	135	48	48																								*
ONEIDA	SPIDER L	118	42	42																								*
ONEIDA	SPIRIT L	368	126	126																								*
ONEIDA	SQUASH L	396	71	71																								*
ONEIDA	STELLA L	405	11	11																								*
ONEIDA	STONE L	248	86	86																								*
ONEIDA	SUNDAY L	88	4	4																								*
ONEIDA	SUNSET L	33	12	12																								*
ONEIDA	SWAMP L	296	9	9																								*
ONEIDA	SWAMSAUGER L	141	30	30																								*
ONEIDA	SWEENEY L	187	21	21																								*
ONEIDA	TAMARACK L	98	35	35																								*
ONEIDA	THIRD L	103	37	37																								*
ONEIDA	THUNDER L	172	61	61																								*
ONEIDA	THUNDER L	1,788	53	53																								*
ONEIDA	TIM LYNN L	84	30	30																								*
ONEIDA	TOM DOYLE L	102	11	11																								*
ONEIDA	TOWNLINE L	152	54	54																								*
ONEIDA	TURTLE L	53	3	3																								*

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County	Sokaogon (Mole Lake)	Area (acres)	2011 Quota Balance	2011 Tribal Quota	April	27	28	29	30	May	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Total Harvest	Boat-Hour	CPE
ONEIDA	UPPER KALBASHINE L	190	21	21																						0		*	
ONEIDA	VENUS L	65	23	23																						0		*	
ONEIDA	VIRGIN L	276	96	96																						0		*	
ONEIDA	W HORSEHEAD L	145	5	5																						0		*	
ONEIDA	W TWIN L	28	2	2																						0		*	
ONEIDA	WALTERS L	61	22	22																						0		*	
ONEIDA	WHITEFISH L	205	7	7																						0		*	
ONEIDA	WILDWOOD L	28	3	3																						0		*	
ONEIDA	WILLOW L	395	11	11																						0		*	
VILAS	BIG SAND L	1,408	7	95									60	28												88	4.0	22.0	
VILAS	CATFISH L	1,012	82	333			90	161																		251	10.3	24.5	
VILAS	CRANBERRY L	956	0	222			**	**	222																	222	6.8	32.9	
VILAS	KENTUCK L	957	194	281					87			**	**	0												87	11.0	7.9	
VILAS	LAC VIEUX DESERT	4,300	0	483					408					75												483	27.5	17.6	
VILAS	LONG L	872	26	578										360	192											552	10.0	55.2	
VILAS	TWIN L CHAIN	3,430	0	768									636	132												768	27.3	28.2	
Number of lakes:		207				0	5	6	14	14	14	10	9	10	8	6	2	0	0	1	0	2	0	2	0	0	1		
Number of walleye:			9,650	15,301		0	351	600	578	503	283	878	925	920	490	60	55	0	0	8	0	0	0	0	0	0	5,651		
Number of spearer-nights: (# of permits)						0	21	27	34	27	14	43	41	34	25	2	4	0	0	3	0	0	0	0	0	0	275		
Number of spearer-nights: Muskellunge only						0	7	11	13	10	7	15	16	16	9	1	1	0	0	1	0	0	0	0	3	3	9		
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	107		
Number of interviews without effort:																											0		
Number of boat-hours:																											267.3		
Catch-per-effort:						*	15.3	31.2	11.7	25.2	17.4	18.4	26.8	32.9	26.8	17.1	12.9	*	*	2.7	*	*	*	*	*	*			21.1
Number of boat-hours: Muskellunge only																						5.0	3.0	3.0	*	*	11.0		

\* Lakes not speared during spring 2011.  
 \*\* Lakes open for spearing but no effort.  
 \*\*\* Lakes open for muskellunge harvest only

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County	Red Cliff Lake	Area (acres)	2011 Quota Balance	2011 Tribal Quota	April												May			Total Harvest	Boat- Hour	CPE										
					16	17	18	19	20	21	22	23	24	25	26	27	28	29	30				1	2	3	4	5					
BAYFIELD	ATKINS L	176	62	62						**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	0			*	
BAYFIELD	BLADDER L	81	29	29					**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	0			*	
BAYFIELD	DIAMOND L	341	14	37								**	7	16	**	**	**	**	**	**	**	**	**	**	**	**	**	23	6.3	3.7		
BAYFIELD	L OWEN	1,323	0	45								**	**	17	9	**	**	**	**	**	**	**	**	**	**	**	**	45	6.8	6.7		
BAYFIELD	LONG L	263	20	20					**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	0	1.0	0.0	0.0		
BAYFIELD	MIDDLE EAU CLAIRE L	902	0	230	9	74	88	21	38																		230	20.3	11.4			
BAYFIELD	NAMEKAGON L	3,227	0	501						188	313																501	36.0	13.9			
BAYFIELD	PIKE L CHAIN	714	0	124					64	60																	124	5.3	23.6			
BAYFIELD	UPPER EAU CLAIRE L	996	0	231					231																		231	8.8	26.4			
DOUGLAS	AMNICON L	426	145	145					**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	0			*	
DOUGLAS	L MINNESUING	432	41	73					**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	32	7.0	4.6		
DOUGLAS	L NEBAGAMON	914	40	213					**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	173	19.3	9.0		
DOUGLAS	LOWER EAU CLAIRE L	802	-1	188	93	36	28	32							117												189	15.5	12.2			
DOUGLAS	UPPER ST CROIX L	855	0	178		85	0	93																			178	9.0	19.8			
SAWYER	NELSON L	2,503	91	113	9		13	**		**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	22	6.0	3.7		
WASHBURN	MINONG FL	1,564	252	252						**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	0			*	
Number of lakes:		16																														
Number of walleye:			693	2,441	111	195	101	142	365	60	188	313	32	117	0	7	33	26	0	0	39	19	0	0	0	0	0	1,748				
Number of spearer-nights: (# of permits)					12	11	12	8	24	3	17	18	4	9	0	3	6	5	0	2	6	2	0	0	0	0	0	142				
Number of interviews with effort:					5	2	5	4	10	1	6	6	2	5	0	2	2	2	0	1	3	1	0	0	0	0	57					
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					
Number of boat-hours:					15.0	11.5	14.0	7.5	14.3	2.5	20.5	15.5	7.0	6.0		3.3	5.0	7.3		1.0	9.3	1.5					141.0					
Catch-per-effort:					7.4	17.0	7.2	18.9	25.6	24.0	9.2	20.2	4.6	19.5	*	2.2	6.6	3.6	*	0.0	4.2	12.7	*	*	*	*						

\* Lakes not speared during spring 2011  
 \*\* Lakes open for spearing but no effort.  
 \*\*\* Lakes open for muskellunge harvest only

Appendix B. Number of walleye harvested nightly on lakes selected by six Wisconsin Chippewa bands during spring 2011. 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	Area (acres)	2011 Quota Balance	2011 Tribal Quota	April 14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	May 1	2	3	4	5	6	7	Total Harvest	Boat-Hour	CPE
BARRON	BEAR L	1,358	0	21				21																			21	3.5	6.0		
BARRON	BEAVER DAM L	1,112	46	108								3			44			6			**					**	62	11.8	5.3		
BARRON	BIG DUMMY L	111	13	13	**																							0		*	
BARRON	BIG MOON L	191	22	22	**																						0		*		
BARRON	DUCK L	100	37	37	**			0																			0	1.0	0.0		
BARRON	GRANITE L	154	55	55	**																						0		*		
BARRON	HORSESHOE L	115	13	13	**																						0		*		
BARRON	HORSESHOE L	377	11	11	**																						0		*		
BARRON	L CHETEK	770	78	78	**																						0		*		
BARRON	LOWER DEVILS L	162	57	57	**																						0		*		
BARRON	LOWER TURTLE L	276	30	30	**																						0		*		
BARRON	LOWER VERMILLION L	208	23	23	**																						0		*		
BARRON	MUD L	577	60	60	**																						0		*		
BARRON	POKAGAMA L	506	171	171	**																						0		*		
BARRON	POSKIN L	150	11	11	**																						0		*		
BARRON	PRAIRIE L	1,534	146	146	**																						0		*		
BARRON	RED CEDAR L	1,841	0	391	**							120	219		52												391	19.8	19.8		
BARRON	SAND L	322	21	34	**							13															13	3.5	3.7		
BARRON	SILVER L	337	20	52	**								32														32	5.5	5.8		
BARRON	SPRING L	60	22	22	**																						0		*		
BARRON	STAPLES L	305	33	33	**																						0		*		
BARRON	UPPER DEVILS L	86	4	4	**																						0		*		
BARRON	UPPER TURTLE L	438	104	105	**																						0		*		
BURNETT	BIG MCKENZIE L	1,185	0	81	**							21	60														81	5.3	15.4		
BURNETT	CLAM R FL	359	124	124	**																						0		*		
BURNETT	DEVILS L	1,001	42	99	**																						0		*		
BURNETT	DUNHAM L	243	27	27	**																						0		*		
BURNETT	LIPSETT L	393	6	30	**																						0		*		
BURNETT	LITTLE YELLOW L	348	61	84	**																						0		*		
BURNETT	ROONEY L	322	34	34	**																						0		*		
BURNETT	ROUND L	204	22	22	**																						0		*		
BURNETT	SAND L	962	0	12	**																						0		*		
BURNETT	YELLOW L	2,287	442	723	**																						0		*		
CHIPPEWA	HOLCOMBE FL	3,880	193	193	**																						0		*		
CHIPPEWA	L WISSOTA	6,300	250	250	**																						0		*		
DUNN	TANTER L	1,752	181	181	**																						0		*		
POLK	BALSAM L	2,054	-1	133	**																						0		*		
POLK	BEAR L	155	55	55	**																						0		*		
POLK	BIG BUTTERNUT L	378	0	28	**																						0		*		
POLK	BIG ROUND L	1,015	89	100	**																						0		*		
POLK	HALF MOON L	579	12	60	**																						0		*		
POLK	INDIANHEAD FL	776	258	258	**																						0		*		
POLK	N PIPE L	58	21	21	**																						0		*		
POLK	PIPE L	284	31	31	**																						0		*		
POLK	SAND L	187	21	21	**																						0		*		
POLK	WAPOGASSET L	1,186	1	81	**																						0		*		
SAWYER	SISSABAGAMA L	719	0	75	**																						0		*		
ST CROIX	CEDAR L	1,100	22	518	**																						0		*		
WASHBURN	BALSAM L	295	90	102	**																						0		*		
WASHBURN	BASS L	130	41	46	**																						0		*		
WASHBURN	BASS-PATTERSON L	188	30	80	**																						0		*		



Appendix C. Total number of walleye harvested and measured per inch group and sexed during spring in 2011. Data arranged alphabetically by tribe, county, and lake.

Bad River County	Lake	INCH-GROUP																												Total Measured	Total Harvested	Total Inches	Mean Length	Male	Female	Unknown	Total Sexed
		7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28														
BAYFIELD	L OWEN						2	2	2	7	15	5	4	2	1	3													44	44	786.9	17.9	35	5	4	44	
BAYFIELD	NAMEKAGON L			5	45	94	112	96	46	24	17	8	5	7	5	8		1	1									476	501	6,777.5	14.2	413	57	6	476		
CHIPPewa	LONG L					1	4	7	8	8	6	2			1												37	37	590.0	15.9	32	2	3	37			
DOUGLAS	WHITEFISH L					2	4	7	16	13	27	32	10	1	1	5	3		1								123	123	2,180.5	17.7	108	14	1	123			
SAWYER	CONNORS L			1			6	6	28	25	13	10	7	1	2												89	100	1,640.4	16.4	80	14	6	100			
SAWYER	NELSON L			1		3	2	2	3	4	1	2	3	4	1	2											29	29	504.1	17.4	21	4	4	29			
SAWYER	TEAL L			4	26	106	89	36	23	11	6	9	4	4		2	1	2	1							320	390	4,729.8	14.8	269	37	14	320				
VILAS	BLACK OAK L						2	2	3	6	3	2	1	2	1	1										23	23	393.4	17.1	19	4	4	23				
VILAS	CRAB L			8	24	32	54	57	39	21	9	4	4	3		2										257	257	3,671.9	14.3	213	32	12	257				
VILAS	FOREST L					4	9	24	45	19	8	2														112	112	1,831.9	16.4	101	11	11	112				
VILAS	HARRIS L			1	6	10	34	36	18	9	3			1	1	1										121	121	1,744.6	14.4	107	10	4	121				
VILAS	HIGHL					1		2	8	33	19	10	3	1		2										79	79	1,270.7	16.1	71	5	3	79				
VILAS	MAMIE L					6	29	21	13	13	5		1	2		1										92	92	1,284.8	14.0	74	3	15	92				
VILAS	PRESQUE ISLE L CHAIN			3	26	78	95	56	23	7	4	3	2		1											300	367	4,105.9	13.7	290	8	2	300				
VILAS	S TURTLE L			2	14	34	29	19	6	7	2	1														115	115	1,428.1	12.4	109	3	3	115				
VILAS	TENDERFOOT L					1	5	22	22	8	7	2	2		1											71	71	1,045.2	14.7	61	3	7	71				
	Sub-total:	1	0	2	32	148	309	489	418	307	225	141	88	51	26	11	22	10	6	4	4	2	3		2,298	2,461	33,966.7	14.8	2,003	208	88	2,299					



Appendix C. Total number of walleye harvested and measured per inch group and sexed during spring in 2011. Data arranged alphabetically by tribe, county, and lake.

Lac Courte Oreilles		INCH GROUP																													Total Measured	Total Harvested	Total Inches	Mean Length	Male	Female	Unknown	Total Sexed
County	Lake	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31													
RUSK	POTATO L					1								3	1	1					1						8	8	168.6	7	1		8					
RUSK	SAND L				1			2	5	2	2	2	1	3	1												18	18	325.4	6	7		18					
SAWYER	DURPHEE L				2	1		2	1	11	17	4	1	2	2	2											43	43	776.8	37	5		43					
SAWYER	GRINDSTONE L				1	8	25	87	51	18	7	9	2	1	4												195	195	3,174.2	180	12		195					
SAWYER	L CHETAC				2	10	30	77	80	37	44	16	6	1	3	2	4					1					313	313	5,567.6	280	25		313					
SAWYER	L CHIPPEWA				4	48	177	345	498	336	115	55	33	16	15	10	9	4	6	2	3	4				1680	1848	26,497.4	1386	216		47	1,649					
SAWYER	LAC COURTE OREILLES	1			3	12	22	22	27	38	51	97	74	16	17	9	4	8	2	1						403	404	7,216.3	336	32		36	404					
SAWYER	LOST LAND L				2	3	8	4	8			2	4	1	2	2	2	1									39	39	671.4	21	11		6	38				
SAWYER	ROUND L				2	18	31	53	39	45	31	21	15	8	5	6	4	2	1							281	281	4,562.1	217	35		29	281					
SAWYER	SAND L				3	7	39	29	10	2	1															91	91	1,272.8	90			1	91					
SAWYER	SISSABAGAMA L				3	8	14	25	12	6	2	4														75	75	1,167.9	64	7		4	75					
SAWYER	SPIDER L				1	7	17	25	24	22	12	11	3	3	5	4	2	1								137	138	2,368.8	47	62		29	138					
SAWYER	WHITEFISH L					1	4	3	2	15	23	10	6	2	3	4	1	2	2							79	79	1,509.9	60	18		1	79					
SAWYER	WINDFALL L				1	4	3	14	10	3	1															36	36	488.4	36				36					
SAWYER	WINDIGO L					10	12	12	16	25	22	11	3	1	2											114	114	1,936.2	84	30			114					
WASHBURN	BIRCH L							1	1	2	2	1														7	7	124.0	7				7					
WASHBURN	LONG L				2	5	9	37	69	67	43	3	2	1	1											239	239	4,031.9	234	5			239					
WASHBURN	STONE L				3	5	9	8	8	8	8	3	2	3								1				50	50	810.7	43	4		3	50					
	Sub-total:	1	1	2	16	102	333	568	793	696	454	345	226	83	57	47	31	19	18	9	4	5	0	0	1	3,808	3,978	62,670.4	3,135	470		173	3,778					

Appendix C. Total number of walleye harvested and measured per inch group and sexed during spring in 2011. Data arranged alphabetically by tribe, county, and lake.

Lac du Flambeau		INCH GROUP																												Total Measured	Total Harvested	Total Inches	Mean Length	Male	Female	Unknown	Total Sexed
County	Lake	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31												
CHIPPEWA	L WISSOTA				11	42	32	21	13	12	4	3	1														139										
IRON	L OF THE FALLS									2	1															3											
IRON	TURTLE-FLAMBEAU FL			3	32	68	115	179	189	93	51	32	14	10	14	2	2	3		1	2					4,569											
LINCOLN	L MOHAWKIN			1	2	5	54	103	88	37	12	1														305											
LINCOLN	RICE R FL CHAIN					4	4	1	3	6	6	2	2	1												27											
ONEIDA	BEARSKIN L			1	2	12	34	62	66	55	28	12	8	1	1	4	1					1				446											
ONEIDA	BOOTH L							2	1																	11											
ONEIDA	BUCKSKIN L				5	12	5	1																		29											
ONEIDA	CARROLL																									5											
ONEIDA	CHAIN L								3	3	7	6	3	1												23											
ONEIDA	CLEAR L					2	12	44	46	35	13	4	2	1	1	1										161											
ONEIDA	DAM L				9	25	45	40	15	9	6	3	3													158											
ONEIDA	GILMORE L									2	1	2	2	1	1											14											
ONEIDA	HASBROOK L			2	1	19	43	16	11	4																98											
ONEIDA	KATHERINE L			2	37	44	24	11	1	1	1	1														126											
ONEIDA	KAWAGUESAGA L					2	15	13	17	19	8	7	2	2	3	3	2	2	4		3	1				103											
ONEIDA	MANSON L				3	5	11	12	8	7	3															51											
ONEIDA	MEDICINE L			3	11	24	10	5	1	2																56											
ONEIDA	MNOCQUA L				2	6	28	52	57	40	29	15	3	4	1	1										241											
ONEIDA	N NOKOMIS L				1	1	1			2	8	12	5													32											
ONEIDA	RAINBOW FL				8	18	42	61	29	6	3															167											
ONEIDA	SAND L				5	13	36	26	27	7	1	2	1													118											
ONEIDA	SQUIRREL L			6	32	79	109	40	15	3	5	1	3													302											
ONEIDA	TOMAHAWK L CHAIN				14	13	2	10	10	22	32	43	7	7	8	1	2	11	2	1	2	1	2	3	1	191											
ONEIDA	TWO SISTERS L				3	3	2	10	15	22	16	10	16	5	2	1	2	2	2	3						112											
ONEIDA	WILLOW FL				4	3	24	30	19	16	8	1	2													107											
PRICE	BUTTERNUT L			1	39	68	75	38	12	4	3	1	2													247											
PRICE	LAC SAULT DORE							3																		8											
PRICE	LONG L				6	1	3	6	6	2																24											
PRICE	PIKE L			1	5	36	53	33	20	8	7	2	1													173											
PRICE	ROUND L			3	11	44	62	22	8	4	1	1														156											
PRICE	TURNER L				1	1	1	3	4	2	2	1														16											
VILAS	ALLEQUASH L				3	2			6	9	5	2	1	1												29											
VILAS	ANYIL L				4	9	30	60	52	15	6	4	2	1												88											
VILAS	BIG ARBOR VITAE L																									184											
VILAS	BIG GIBSON L							7	9	7	3															26											
VILAS	BIG L (BOULDER JCT)			2	5	17	40	51	28	12	5	3	3	1	2	1	2									173											
VILAS	BIG L (MI BORDER)			1	8	26	34	32	16	11	1	1														131											
VILAS	BIG MUSKELLUNGE L				16	52	89	83	36	11	2	2														291											
VILAS	BIG PORTAGE L				2	2	7	41	43	15	15	3	5	1	2											136											
VILAS	BIG ST GERMAIN L				1	10	18	5	25	48	52	63	47	8	8	6	4									288											
VILAS	BIRCH L				1	1	20	33	25	13	8	3	4													109											
VILAS	BOULDER L			7	36	24	10	16	14	3	2	1														114											
VILAS	CLEAR L				4	13	32	35	18	11	4	3														121											
VILAS	EAGLE L						1	1																		2											

Appendix C. Total number of walleye harvested and measured per inch group and sexed during spring in 2011. Data arranged alphabetically by lake, county, and lake.

Lac du Flambeau		INCH GROUP																												Total Measured	Total Harvested	Total Inches	Mean Length	Male	Female	Unknown	Total Sexed
County	Lake	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31												
VILAS	FISHTRAP L					2	1	4	1			3	2		1												15										
VILAS	HORSEHEAD L			3	15	34	40	10	3		1					1											109										
VILAS	ISLAND L				3	17	60	69	48	9	5	3		2													217										
VILAS	L LAURA			1	5	30	53	25	8	1	3		1	2													130										
VILAS	LITTLE ARBOR VITAE L			1	15	15	1	4	14	30	19	11	2	3													117										
VILAS	LITTLE JOHN L			2	6	10	4	7	4	2	2																37										
VILAS	LITTLE ST GERMAIN L											1	1		2	1	1										9										
VILAS	LITTLE STAR L			1	5	6	15	13	8	1	2	1		1													55										
VILAS	LYNX L			7	10	11	3	5	5	1	1		2	2													47										
VILAS	MANITOWISH L			1	2	7	18	33	23	11	6	4	2		2	1	1										111										
VILAS	OXBOW L			5	16	32	23	6	1	2	2												1				89										
VILAS	PAPOOSE L			1	1	10	12	26	20	14	7	1															94										
VILAS	PLUM L			6	8	21	40	35	14	14	1	1	1	1	1												144										
VILAS	RAZORBACK L					1	16	30	19	9	3	1	1														80										
VILAS	REST L			2	4	8	18	39	34	15	6	1	2	1	1												131										
VILAS	SHERMAN L			2	4	15	58	66	21	14	9	5	6	1	2	1							1				203										
VILAS	SNIPE L					3	4	9	5	1	1	3	1														28										
VILAS	SPIDER L			5	2	10	11	11	7	8	2	2															59										
VILAS	SQUAW L			2	17	84	68	50	28	15	11	1	1														277										
VILAS	STAR L			1	11	25	28	41	41	23	14	10	3	1	1	1											201										
VILAS	TROUT L					5	14	29	41	26	15	14	9	6	13	5	4	2	7	7	1						198										
VILAS	WHITE SAND L					5	4	7	5	5	8	9	3	1													48										
VILAS	WILDCAT L							3	4	6	3	1	3	1													21										
	Sub-total:	3	8	76	475	1151	1628	1607	1280	749	510	361	224	65	93	53	30	28	31	20	14	11	1	6	1	8,422											
																											13,264										
																											125,812.1										
																											6,826										
																											836										
																											736										
																											8,398										

Appendix C. Total number of walleye harvested and measured per inch group and sexed during spring in 2011. Data arranged alphabetically by tribe, county, and lake.

Sokaogon (Mole Lake)		9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	Total Measured	Total Harvested	Total Inches	Mean Length	Male	Female	Unknown	Total Sexed
FLORENCE	PATTEN L																						55	55	922.9	18.8	30		24	54
FOREST	BUTTERNUT L																						526	591	7,902.9	15.0	445	44	36	525
FOREST	JUNGLE L																						99	99	1,491.5	15.1	85	4	10	99
FOREST	L LUCERNE																						48	48	866.0	18.0	42	5	1	48
FOREST	LILY L																						152	152	2,225.5	14.8	121	4	27	152
FOREST	ROBERTS L																						157	157	2,417.2	15.4	149	5	2	156
LANGLADE	ENTERPRISE L																						8	8	129.5	16.2	4	1	3	8
LANGLADE	SAWYER L																						30	30	527.3	17.6	25	5		30
OCONTO	BOOT L																						4	4	73.0	18.3	3		1	4
OCONTO	WHEELER L																						48	48	837.1	17.4	41	3	4	48
ONEIDA	BIG FORK L																						163	163	2,053.6	12.6	137	8	18	163
ONEIDA	BIG L																						150	150	1,955.7	13.0	132	11	5	148
ONEIDA	BIG STONE L																						49	49	643.4	13.1	43	6		49
ONEIDA	CRESCENT L																						303	303	4,192.2	13.8	290	4	8	302
ONEIDA	GEORGE L																						97	97	1,291.7	13.3	83	6	8	97
ONEIDA	LITTLE FORK L																						6	6	82.3	13.7	4		2	6
ONEIDA	LONG L																						60	60	752.7	12.5	59	1		60
ONEIDA	PELICAN L																						529	812	8,462.0	16.0	447	46	32	525
ONEIDA	PLANTING GROUND L																						210	330	2,655.4	12.6	197	4	9	210
ONEIDA	SEVENMILE L																						38	38	499.3	13.1	33	1	4	38
VILAS	BIG SAND L																						88	88	1,569.8	17.7	64	10	8	82
VILAS	CATFISH L																						251	251	3,202.0	12.8	245	2	2	249
VILAS	CRANBERRY L																						164	222	2,063.5	12.6	146	2	16	164
VILAS	KENTUCK L																						87	87	1,161.4	13.3	40	12	35	87
VILAS	LAC VIEUX DESERT																						248	483	3,866.1	15.6	219	11	17	247
VILAS	LONG L																						358	552	5,873.1	16.4	303	45	9	357
VILAS	TWIN L CHAIN																						290	768	4,221.4	14.6	260	15	15	290
	Sub-total:	8	85	319	606	632	809	749	443	236	151	68	29	23	17	12	5	10	4	7	4	4,218	5,651	61,928.5	14.7	3,647	255	296	4,198	

Appendix C. Total number of walleye harvested and measured per inch group and sexed during spring in 2011. Data arranged alphabetically by tribe, county, and lake.

Red Cliff County	Lake	INCH GROUP																													Total Measured	Total Harvested	Total Inches	Mean Length	Male	Female	Unknown	Total Sexed
		8	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29																
BAYFIELD	DIAMOND L					2	2	8	3	1	2						2												23		16	5	2	23				
BAYFIELD	LOWEN					2	2	6	4	8	6	4	3	1				3											45		30	13	2	45				
BAYFIELD	MIDDLE EAU CLAIRE L	1		4	14	36	43	55	42	17	12	3	1															229		205	16	9	230					
BAYFIELD	NAMEKAGON L			23	70	97	84	38	20	13	12	3	3	4	1	2	1											371		330	39	2	371					
BAYFIELD	PIKE L CHAIN			1	4	6	17	36	26	16	11	2	1	2	1	1												124		107	12	5	124					
BAYFIELD	UPPER EAU CLAIRE L					1	2	7	44	60	58	32	17	7	1	1												231		192	31	8	231					
DOUGLAS	L MINNESUNG					1	3	10	5	5	3	2	2															32		27	3	2	32					
DOUGLAS	L NEBAGAMON			1	15	17	30	28	25	24	16	9	6	2														173		137	9	27	173					
DOUGLAS	LOWER EAU CLAIRE L			2	2	3	12	46	52	34	24	3	3	4	2	1											189		161	19	9	189						
DOUGLAS	UPPER ST CROIX L						9	40	72	32	14	2	3	1	3												178		152	25	1	178						
SAWYER	NELSON L	1		1	1	1	2	2	2	3		4	1	1	2	1	2	1	2	1	2	1	1	1	1	1	22		16	6	1	22						
	Sub-total:	1	1	31	107	164	210	307	316	208	136	49	34	17	10	6	8	6	1	4	1	1	1	1	1	1	1,617	1,748	1,373	178	67	1,618						

Appendix C. Total number of walleye harvested and measured per inch group and sexed during spring in 2011. Data arranged alphabetically by tribe, county, and lake.

St. Croix County	Lake	INCH GROUP													Total Measured	Total Harvested	Total inches	Mean Length	Male	Female	Unknown	Total Sexed												
		7	8	9	10	11	12	13	14	15	16	17	18	19									20	21	22	23	24	25	26	27	28	29	30	31
BARRON	BEAR L												1	1	1	5	5	4								21	21	397.8	18.9	19	2		21	
BARRON	BEAVER DAM L												1	7	17	15	2									62	62	1,141.8	18.4	40	19	3	62	
BARRON	RED CEDAR L												5	21	124	145	83	17	9	3	1	1				391	391	6,027.4	15.4	388	23		391	
BARRON	SAND L																									13	13	265.1	20.4	7	5	1	13	
BARRON	SILVER L																									32	32	539.4	16.9	28	4		32	
BARRON	UPPER TURTLE L																									1	1	14.4	14.4				0	
BURNETT	BIG MCKENZIE L																									81	81	1,497.5	18.5	71	10		81	
BURNETT	DEVILS L																									57	57	1,109.8	19.5	54	1	2	57	
BURNETT	LIPSETT L																									24	24	445.1	18.5	23	1		24	
BURNETT	LITTLE YELLOW L																									23	23	426.4	18.5	2	9	12	23	
BURNETT	SAND L																									12	12	222.8	18.6	12			12	
BURNETT	YELLOW L																									281	281	4,573.9	16.3	185	39	57	281	
BURNETT	BALSAM L																									134	134	2,415.9	18.0	101	18	15	134	
POLK	BIG BUTTERNUT L																									28	28	504.7	18.0	22	5	1	28	
POLK	BIG ROUND L																									11	11	219.0	19.9	6	1	4	11	
POLK	HALF MOON L																									48	48	857.2	17.9	37	9	2	48	
POLK	WAPOGASSET L																									80	80	1,483.6	18.5	75	5		80	
SAWYER	SISSABAGAMA L																									75	75	1,111.7	14.8	63	2	10	75	
ST CROIX	CEDAR L																									496	496	8,058.7	16.2	486	28	2	496	
WASHBURN	BALSAM L																									12	12	198.1	16.5	11	1		12	
WASHBURN	BASS L																									5	5	109.4	21.9	4	1		5	
WASHBURN	BASS-PATTERSON L																									50	50	771.4	15.4	46	4		50	
WASHBURN	DUNN L																									15	15	296.4	19.8	5	7	3	15	
WASHBURN	L NANCY																									10	10	225.2	22.5	1	9		10	
WASHBURN	LONG L																									215	215	3,759.1	17.5	192	11	12	215	
WASHBURN	MIDDLE MCKENZIE L																									38	38	741.9	19.5	36	2		38	
WASHBURN	MINONG FL																									2	2	31.6	15.8	2			2	
WASHBURN	SHELL L																									411	411	6,104.3	14.9	370	19	22	411	
Sub-total:																										2,658	2,628	43,549.6	16.6	2,246	235	146	2,627	
TOTAL ALL TRIBES		1	5	20	197	997	2,336	3,454	4,118	3,667	2,860	1,892	1,317	806	310	238	174	115	82	87	49	33	30	4	6	2	23,000	28,730	353,810.8	15.4	19,231	2,162	1,506	22,919

Appendix D. Number of walleye per inch group taken during spring spearing seasons from 1985 - 2011.

Inch Group	Number of walleye in:															
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
5									1				1	2		
6		1							3				2			
7							1	1	1	2			2	2		
8				3	1	4	4	3	4	12	2	6	16	25	5	2
9	2	3	17	10	4	14	36	34	45	63	32	39	79	104	20	33
10	5	49	123	121	60	183	229	243	245	386	219	233	372	505	162	169
11	31	358	558	678	306	649	957	957	905	1,186	1,311	1,026	1,230	1,817	989	961
12	140	680	1,282	1,688	925	1,513	1,979	2,444	2,101	2,170	2,955	2,532	2,262	3,258	2,861	2,541
13	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
14	286	1,068	2,133	3,289	2,222	2,917	2,777	3,252	4,032	3,666	4,360	4,305	3,570	3,890	4,548	5,190
15	293	985	1,895	2,951	2,154	2,856	2,543	2,375	3,111	3,368	3,768	3,867	3,390	3,281	3,364	4,759
16	247	939	1,666	2,311	1,919	2,295	2,031	1,696	1,993	2,517	2,703	2,605	2,548	2,443	2,286	3,235
17	172	801	1,374	1,658	1,390	1,862	1,687	1,207	1,323	1,796	1,756	1,664	1,580	1,819	1,643	2,294
18	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
19	118	255	811	932	634	932	811	562	589	850	729	617	639	706	599	831
20	33	149	513	596	328	556	590	261	308	383	440	358	378	338	307	376
21	25	72	259	316	210	307	303	199	218	267	238	240	237	260	258	275
22	18	50	148	214	109	202	249	171	148	205	195	156	186	183	193	208
23	18	23	116	134	76	160	151	129	120	189	164	120	142	134	165	154
24	11	9	86	124	67	100	111	85	101	145	158	111	105	90	93	119
25	7	10	76	89	48	107	102	66	80	98	109	97	98	81	87	82
26	9		57	75	45	71	86	65	54	91	80	64	85	91	78	61
27	10	3	42	56	31	63	46	42	33	55	57	51	56	53	58	38
28	5	1	28	32	18	30	39	25	27	30	36	37	32	49	27	24
29	8		25	30	8	15	15	17	12	12	16	15	13	22	16	8
30	11		8	9	3	5	6	6	1	5	3	6	4	5	9	8
31	6		2		2	1	1	1			1	1	1	1	1	
32	2															
33	1															
34																
Total No. Measured:	1,868	6,842	14,224	19,368	13,254	18,500	18,551	18,226	19,903	21,726	24,605	22,999	21,399	24,204	23,371	26,984
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
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
Total No. Speared:	2,761	6,940	21,321	25,989	16,054	25,348	23,018	21,188	24,532	25,922	30,249	28,327	24,002	27,218	26,105	30,367
Percent Measured:	66%	99%	67%	75%	83%	73%	81%	86%	81%	84%	81%	81%	89%	89%	90%	89%

Appendix D. Number of walleye per inch group taken during spring spearing seasons from 1985 - 2011.

Inch Group	Number of walleye in:														Percent of Total	Cumulative Percent
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	27 Year Total			
5														4	0.0%	0.0%
6		2				1	1	1	1	3	7	1	10	10	0.0%	0.0%
7		16				2	1	1	8	8	17	5	40	40	0.0%	0.0%
8	2	117	2	5	5	5	10	8	76	59	20	271	271	0.0%	0.1%	
9	33	738	14	37	62	61	70	81	76	59	20	197	1,788	0.3%	0.4%	
10	169	1,930	177	177	424	413	325	441	563	526	197	8,772	8,772	1.5%	1.9%	
11	961	3,109	973	836	1,299	1,483	1,091	1,350	1,526	1,749	997	29,539	29,539	5.2%	7.1%	
12	2,541	3,440	2,360	2,317	2,504	2,767	2,723	2,532	2,926	3,213	2,336	61,373	61,373	10.8%	17.9%	
13	4,213	3,560	3,371	3,716	3,431	3,350	4,057	3,588	4,076	4,630	3,454	87,651	87,651	15.4%	33.3%	
14	5,190	2,794	3,997	4,323	4,158	3,764	4,634	4,245	4,460	5,486	4,118	97,463	97,463	17.1%	50.4%	
15	4,759	1,970	3,727	4,142	3,888	3,729	4,320	3,709	4,088	4,611	3,867	86,850	86,850	15.3%	65.7%	
16	3,235	1,175	2,928	3,299	3,317	2,748	3,222	3,038	2,917	3,335	2,860	65,110	65,110	11.4%	77.1%	
17	2,294	753	2,108	2,367	2,280	2,132	2,218	2,136	2,258	2,324	1,892	46,374	46,374	8.1%	85.2%	
18	1,402	288	1,258	1,399	1,364	1,454	1,488	1,366	1,449	1,568	1,317	30,355	30,355	5.3%	90.6%	
19	831	220	787	859	889	926	924	861	895	942	806	19,609	19,609	3.4%	94.0%	
20	376	152	326	397	371	444	468	327	390	369	310	9,857	9,857	1.7%	95.7%	
21	275	108	255	303	241	338	351	260	291	308	238	6,632	6,632	1.2%	96.9%	
22	208	85	176	198	165	242	238	182	205	223	174	4,745	4,745	0.8%	97.7%	
23	154	63	126	150	138	177	206	116	170	190	115	3,622	3,622	0.6%	98.4%	
24	119	57	105	128	104	121	127	111	129	133	82	2,747	2,747	0.5%	98.9%	
25	82	37	90	74	72	88	124	96	127	115	87	2,238	2,238	0.4%	99.3%	
26	61	15	61	84	74	79	89	63	52	106	49	1,757	1,757	0.3%	99.6%	
27	38	7	48	54	41	57	41	43	88	54	33	1,233	1,233	0.2%	99.8%	
28	24	3	22	31	26	27	28	16	24	29	30	701	701	0.1%	99.9%	
29	8		17	20	9	16	17	7	12	16	4	371	371	0.1%	100.0%	
30	8		3	6	3	7	5	1	5	4	6	132	132	0.0%	100.0%	
31				1		2			1		2	24	24	0.0%	100.0%	
32	1			1								6	6	0.0%	100.0%	
33												1	1	0.0%	100.0%	
34												0	0	0.0%	100.0%	
Total No. Measured:	26,984	20,639	22,931	24,924	24,865	24,427	24,356	26,778	24,578	26,739	30,014	23,000	569,275	569,275	100%	100%
Total Length:	415,478	320,102	354,158	387,747	382,060	376,457	373,918	413,916	375,756	408,035	456,851	353,811	8,768,057	8,768,057		
Average Length:	15.4	15.5	15.4	15.6	15.4	15.4	15.4	15.5	15.3	15.3	15.2	15.4	15.4	15.4		
Total No. Speared:	90,367	22,743	25,543	27,502	27,546	26,877	27,627	30,700	27,881	32,201	34,156	29,730	671,827	671,827		
Percent Measured:	89%	91%	90%	91%	90%	91%	88%	87%	88%	83%	88%	77%	85%	85%		















Appendix F. Number of muskellunge per inch group taken during spring spearing seasons from 1985 - 2011.

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	2002	2003	2004		2005	2006	2007	2008	2009	2010	2011	27 Year Total	
12																													0	0.0%
13																													1	0.0%
14																													1	0.0%
15																													1	0.0%
16																													2	0.0%
17																													5	0.1%
18																													1	0.0%
19																													3	0.0%
20																													4	0.1%
21																													8	0.1%
22																													7	0.1%
23																													7	0.1%
24																													16	0.3%
25																													29	0.5%
26																													32	0.5%
27																													56	0.9%
28																													106	1.7%
29																													142	2.3%
30																													232	3.7%
31																													286	4.6%
32																													351	5.7%
33																													438	7.1%
34																													464	7.5%
35																													524	8.4%
36																													550	8.9%
37																													513	8.3%
38																													448	7.2%
39																													404	6.5%
40																													317	5.1%
41																													269	4.3%
42																													236	3.8%
43																													217	3.5%
44																													169	2.7%
45																													118	1.9%
46																													81	1.3%
47																													73	1.2%
48																													46	0.7%
49																													27	0.4%
50																													8	0.1%
51																													8	0.1%
52																													4	0.1%
53																													1	0.0%
54																													0	0.0%
55																													3	0.0%
56																													1	0.0%
57																													1	0.0%
Total Number Measured:	68	55	180	158	117	298	185	162	187	243	297	318	333	271	275	325	233	217	222	207	229	284	303	270	238	335	201	6,211	100.0%	
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	8,465	8,635	7,889	8,712	10,763	11,496	10,580	9,223	12,912	7,946	234,127		
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	38.9	39.0	38.9	38.1	38.0	37.9	37.9	39.2	38.8	38.5	39.5	37.7		
Total Number Speared:	86	55	196	158	118	303	185	165	188	244	299	319	333	271	275	325	233	218	222	207	230	284	303	270	238	335	201	6,261		
Percent Measured:	79.1%	100.0%	91.8%	100.0%	99.2%	98.3%	100.0%	98.2%	99.5%	99.6%	99.3%	98.7%	100.0%	100.0%	100.0%	100.0%	100.0%	99.5%	100.0%	100.0%	99.6%	100.0%	100.0%	100.0%	100.0%	100.0%	99.8%	99.2%		

Appendix G. Number, average length (inches), and harvest per acre of bass (BAS) largemouth (LMB) and smallmouth (SMB) bass and northern pike (NOP) for various lakes during spring spearing 2011. Data sorted by tribe, county, and lake.

Tribe	County	Lake	Area	Species	Number Harvested	Number Measured	Total Inches	Average Length	Number Per Acre
LDF	ONEIDA	TOMAHAWK L	3,552	BAS	6	6	84.8	14.1	0.0017
MLK	FLORENCE	PATTEN L	255	BAS	2	0	0.0	-	0.0078
Total:					8	6	84.8	14.1	0.0048
BRV	DOUGLAS	WHITEFISH L	832	LMB	5	5	93.2	18.6	0.0060
LCO	SAWYER	L CHIPPEWA	15,300	LMB	1	1	16.3	16.3	0.0001
LCO	SAWYER	ROUND L	6,054	LMB	1	1	17.9	17.9	0.0002
LCO	SAWYER	SPIDER L	1,454	LMB	5	5	97.2	19.4	0.0034
LCO	SAWYER	WHITEFISH L	832	LMB	1	1	16.2	16.2	0.0012
LCO	WASHBURN	STONE L	523	LMB	3	3	52.3	17.4	0.0057
LDF	VILAS	LITTLE ARBOR VITAE L	534	LMB	6	6	88.5	14.8	0.0112
LDF	VILAS	PLUM L	1,033	LMB	1	1	15.8	15.8	0.0010
RCF	BAYFIELD	DIAMOND L	341	LMB	1	1	16.5	16.5	0.0029
STC	BARRON	SAND L	322	LMB	4	4	58.9	14.7	0.0124
STC	BURNETT	DEVILS L	1,001	LMB	4	4	58.1	14.5	0.0040
STC	BURNETT	LITTLE YELLOW L	348	LMB	8	8	122.2	15.3	0.0230
STC	BURNETT	YELLOW L	2,287	LMB	32	32	530.0	16.6	0.0140
STC	POLK	BALSAM L	2,054	LMB	1	1	12.0	12.0	0.0005
STC	POLK	HALF MOON L	579	LMB	1	1	13.6	13.6	0.0017
STC	WASHBURN	LONG L	3,290	LMB	5	5	73.5	14.7	0.0015
STC	WASHBURN	MIDDLE MCKENZIE L	530	LMB	1	1	13.1	13.1	0.0019
STC	WASHBURN	SHELL L	2,580	LMB	2	2	30.5	15.3	0.0008
Total:					82	82	1,325.8	16.2	0.0051
BRV	DOUGLAS	WHITEFISH L	832	SMB	7	7	128.4	18.3	0.0084
LCO	SAWYER	WINDIGO L	522	SMB	1	1	13.0	13.0	0.0019
LCO	WASHBURN	STONE L	523	SMB	1	1	14.6	14.6	0.0019
LDF	VILAS	LITTLE ARBOR VITAE L	534	SMB	3	3	41.8	13.9	0.0056
LDF	VILAS	WILDCAT L	305	SMB	1	1	19.2	19.2	0.0033
RCF	BAYFIELD	UPPER EAU CLAIRE L	996	SMB	2	2	29.0	14.5	0.0020
STC	BARRON	SILVER L	337	SMB	2	2	29.7	14.9	0.0059
STC	BURNETT	YELLOW L	2,287	SMB	2	2	35.7	17.9	0.0009
STC	POLK	BIG ROUND L	1,015	SMB	2	2	27.2	13.6	0.0020
STC	WASHBURN	SHELL L	2,580	SMB	1	1	14.9	14.9	0.0004
Total:					22	22	353.5	16.1	0.0032
BRV	SAWYER	CONNORS L	429	NOP	1	1	31.8	31.8	0.0023
LCO	SAWYER	LAC COURTE OREILLES	5,039	NOP	2	2	50.9	25.5	0.0004
LCO	SAWYER	SAND L	322	NOP	1	1	31.0	31.0	0.0031
LDF	ONEIDA	TOMAHAWK L	3,552	NOP	1	1	36.3	36.3	0.0003
LDF	VILAS	BIG ST GERMAIN L	1,617	NOP	1	1	30.6	30.6	0.0006
LDF	VILAS	LITTLE ARBOR VITAE L	534	NOP	1	1	33.9	33.9	0.0019
LDF	VILAS	LITTLE ST GERMAIN L	980	NOP	1	1	28.2	28.2	0.0010
LDF	VILAS	MANITOWISH L	506	NOP	1	1	22.0	22.0	0.0020
MLK	ONEIDA	PELICAN L	3,585	NOP	2	0	0.0	-	0.0006
RCF	DOUGLAS	L NEBAGAMON	914	NOP	1	1	23.0	23.0	0.0011
STC	BARRON	RED CEDAR L	1,841	NOP	1	1	32.4	32.4	0.0005
STC	BURNETT	DEVILS L	1,001	NOP	2	2	69.0	34.5	0.0020
STC	BURNETT	LITTLE YELLOW L	348	NOP	1	1	33.0	33.0	0.0029
STC	BURNETT	YELLOW L	2,287	NOP	4	4	111.0	27.8	0.0017
STC	POLK	BALSAM L	2,054	NOP	3	3	81.7	27.2	0.0015
STC	POLK	BONE L	30	NOP	3	3	81.8	27.3	0.1000
STC	WASHBURN	MIDDLE MCKENZIE L	530	NOP	1	1	30.2	30.2	0.0019
STC	WASHBURN	SHELL L	2,580	NOP	3	3	83.2	27.7	0.0012
Total:					30	28	810.0	28.9	0.0069





Appendix I. Number of northern pike per inch group taken during spring spearing seasons from 1985 - 2011.

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	2002	2003	2004		2005	2006	2007	2008	2009	2010	2011	27 Year Total	
10																													0	0.0%
11																													1	0.1%
12																													3	0.4%
13																												3	0.3%	
14																												2	0.3%	
15																												4	0.4%	
16																												4	0.5%	
17																												14	1.6%	
18																												25	3.0%	
19																												24	3.0%	
20																												41	5.1%	
21																												39	5.0%	
22																												56	7.0%	
23																												53	6.1%	
24																												54	6.8%	
25																												43	5.6%	
26																												47	6.0%	
27																												37	4.7%	
28																												47	6.0%	
29																												51	6.1%	
30																												35	4.1%	
31																												27	3.4%	
32																												36	4.5%	
33																												34	4.1%	
34																												35	3.7%	
35																												24	3.0%	
36																												18	2.2%	
37																												17	2.3%	
38																												12	1.4%	
39																												11	1.2%	
40																												14	1.6%	
41																												2	0.3%	
42																												0	0.0%	
43																												0	0.0%	
44																												3	0.4%	
Total No. Measured:	0	12	28	45	14	32	40	18	19	29	28	26	35	61	23	54	32	39	21	20	20	16	54	23	49	50	28	816	100.0%	
Total Length:	0	312	724	1152	334	776	986	453	527	792	744	693	987	1660	583	1457	979	1189	639	573	567	465	1542	621	1400	1373	810	22,335		
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	26.2	27.2	25.3	27.0	30.6	30.5	30.4	28.6	28.3	29.1	28.6	27.0	28.6	28.6	27.5	26.9	27.4	
Total No. Speared:	2	13	41	59	14	34	41	30	19	30	32	30	37	68	29	54	32	40	22	20	22	17	54	23	49	50	30	892		
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%	97.5%	95.5%	100.0%	90.9%	94.1%	100.0%	100.0%	100.0%	100.0%	100.0%	90.9%	91.5%	