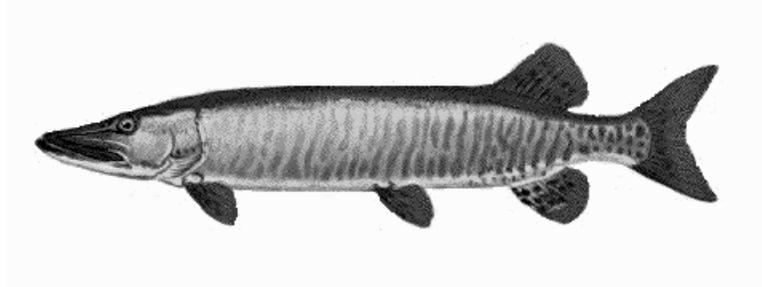


Wisconsin Department of Natural Resources
2006-2007 Ceded Territory
Fishery Assessment Report



Thomas A. Cichosz

Administrative Report # 64

Treaty Fisheries Assessment Unit
Bureau of Fisheries Management
Madison, Wisconsin

July, 2010



Walleye illustration Virgil Beck



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INTRODUCTION

The northern portion of Wisconsin, encompassing 22,400 square miles and including all or parts of 30 counties, was ceded by the Lake Superior Chippewa Tribes to the United States in the Treaties of 1837 and 1842 (Figure 1). Although the lands were ceded to the United States, the Chippewa Tribes retained hunting, fishing, and gathering rights throughout this area (USDI 1991). The Wisconsin Ceded Territory contains 77% of Wisconsin's lakes accounting for 53% of the total inland lake surface acreage in Wisconsin (Staggs et al. 1990). Of lakes within the Ceded Territory, over 900 contain walleye (*Sander vitreus*) and more than 600 contain musky (*Esox masquinongy*), and the vast majority of naturally reproducing walleye and musky populations are found within the Ceded Territory.



Figure 1. Map of Wisconsin showing the Ceded Territory (shaded).

Walleye and muskellunge are tremendously popular with Wisconsin anglers and are important economically. Chippewa tribal members rely on these same fisheries for preservation of their cultural heritage and as a food source. In 1983, the United States Court of Appeals for the Seventh Circuit affirmed the rights of six Wisconsin Chippewa Bands (Bad River, Lac Courte Oreilles, Lac du Flambeau, Sokaogon, Red Cliff, and St. Croix) to fish off-reservation waters in the Wisconsin Ceded Territory. Tribal fishing uses traditional methods (e.g. spearing and netting) as determined by Treaties of 1837 and 1842 between the Bands and the United States government. Since affirmation of tribal fishing rights in 1983 the Wisconsin Department of Natural Resources (WDNR) has worked to integrate tribal harvest opportunities with sport fisheries in the Ceded Territory.

To facilitate and manage shared tribal and recreational angler harvest, an intensive data collection and analysis effort began in 1987. The program evolved as knowledge of unique aspects of the Ceded Territory shared fisheries increased, and developed into the current program in 1990. The primary goal is to collect information essential to protecting Ceded Territory fish populations from over-exploitation by the combined tribal and recreational fisheries.

As part of this effort WDNR works with the Great Lakes Indian Fish and Wildlife Commission (GLIFWC) to establish safe harvest quotas for walleye and muskellunge and to monitor the shared fisheries throughout the Ceded Territory. The majority of tribal harvest occurs during spring while walleye and muskellunge are congregated in shallow water to spawn and are readily taken by spear. A smaller number are harvested throughout the remainder of the year with a variety of capture methods including spearing, gill netting, fyke netting, set-lining, and angling. Netting and spearing are highly efficient methods and, unlike low efficiency methods such as angling, are not self-regulating (Beard et al. 1997, Hansen et al. 2000). Based on the inclusion of high efficiency tribal harvest in these fisheries, over-exploitation is a strong possibility in the absence of intensive management and could result in long-lasting and potentially irreversible damage.

Wisconsin DNR gathers data from a representative sample of lakes throughout the Ceded Territory each year in order to assess abundance and stability of walleye populations. Walleye populations are evaluated by WDNR using three primary methods: spring adult and total population estimates, fall age-0 (young-of-year) relative abundance estimates, and creel surveys of angler catch and

harvest. When combined, these methods provide information on the current harvestable population, an indication of the future harvestable population, and the degree of exploitation in the walleye fishery. Wisconsin DNR also conducts muskellunge and black bass *Micropterus* spp. population estimates each year and estimates harvest of these species via creel surveys; WDNR does not quantify recruitment of these species via young-of-year (YOY) surveys.

Population estimates are critical to the management of Ceded Territory fisheries. Accurate population estimates allow calculation of “safe harvest” levels that allow harvest while minimizing the potential of jeopardizing a species’ future abundance or persistence.

Creel surveys provide vital information about the use of fisheries by recreational anglers, including angling effort, catch, and harvest; Estimates from surveyed lakes can be extrapolated across larger areas (e.g. Ceded Territory). When coupled with population estimates, creel harvest data can be used to estimate angler exploitation for individual species. The WDNR treaty fisheries program focuses primarily on game species (walleye, muskellunge, largemouth *Micropterus salmoides* and smallmouth *Micropterus dolomieu* bass, and northern pike *Esox lucius*), but creel information on all species is recorded.

In support of this effort, data is collected and provided by GLIFWC and the United States Fish and Wildlife Service (USFWS) which conduct spring adult population estimates and fall age-0 surveys on additional lakes each year. Tribal harvest data is made available by GLIFWC which censuses open-water tribal harvest of all species and conducts periodic creel surveys to assess harvest of muskellunge through ice.

This annual report summarizes WDNR efforts related to management of the shared Ceded Territory fishery from early 2006 through early 2007. In doing so, it reports on one ‘annual cycle’ of work related to management of these fisheries. The typical annual cycle begins with establishment of safe harvest levels prior to spring spearing activities, includes conducting creel surveys, population estimates, and YOY walleye surveys on selected lakes, and results in summarization of tribal and angler exploitation rates for Ceded Territory lakes¹.

¹ For the purposes of this report ‘Tribal’ refers to catch and harvest by traditional methods used by tribal fishers (e.g. spearing and netting); ‘Angler’ indicates catch and harvest by hook and line, and may include tribal members angling during open seasons if interviewed during creel surveys.

METHODS

Estimation of Population Size

With more than 900 walleye lakes and 600 muskellunge lakes in the Wisconsin Ceded Territory it is logistically impossible to obtain precise population estimates from all lakes in a single year. In addition fish populations in general and walleye populations in particular are extremely variable and can change dramatically from year to year. Therefore, WDNR selects a number of lakes each year for walleye population estimates and corresponding nine-month creel surveys². The lakes sampled by the WDNR within the Ceded Territory during 2006-07 were chosen using a stratified random design considering size, historic level of tribal harvest, and primary walleye recruitment source. Of the lakes sampled each year, four are 'trend lakes' which are evaluated every three years to provide meaningful data on temporal trends within walleye populations; trend lakes sampled in 2006 were Diamond (Bayfield Co.), Grindstone (Sawyer Co.), Snipe and Plum (Vilas Co.) lakes. In addition, at least one large lake or lake chain is chosen to be surveyed each year; in 2006 no lake chains were sampled but numerous large (e.g. >1,000 acres) lakes were surveyed.

The continuing randomized survey of lakes throughout the history of this program (Appendix A) provides data necessary for successful management of the shared fisheries. Data from lake surveys is used to estimate walleye population size and derive safe harvest levels, estimate tribal and angler harvest and exploitation rates, examine temporal and spatial trends in walleye populations and angler effort, and maintain up to date characterizations of population status for each lake.

Walleye

Walleye spawning population estimates³ for various lakes in the Ceded Territory were made using a standard mark-recapture methodology. Walleyes were initially captured for marking using fyke nets shortly after ice out. Each fish was measured (total length; inches and tenths) and marked with one

² Creel surveys are conducted from the first Saturday in May through early March and correspond to the Wisconsin open season for game fish species. The month of November was excluded from analyses due to poor ice conditions and low angler effort.

³ Spawning population estimates may be less than adult population sizes if all adults do not spawn in every year. The degree to which this occurs in Wisconsin is currently unknown and may vary by lake.

of two lake specific fin clip; two clips were used in each lake to classify fish as either 'adult' or 'juvenile'. Adult (mature) walleyes were defined as all fish 15" or longer and all fish for which sex could be determined (regardless of length). Walleye of unknown sex less than 15" long were classified as juvenile (immature). In lakes where previous estimates of walleye spawner abundance were available, the goal was to mark 10% of the anticipated spawning population. Where no preliminary abundance estimate was available, at least one walleye per acre of lake surface area was targeted for marking. Marking continued until the target number was reached or spent females began appearing in the fyke nets.

Two electrofishing recapture runs were conducted in each lake and the data used to estimate abundance of the spawning or total walleye population. Due to rapid dispersal and decreased vulnerability of adult walleye following spawning, only mark-recapture results from the first electrofishing recapture run were used to estimate spawning walleye abundance; results from the second electrofishing recapture run were used to augment those results when estimating total walleye population abundance.

Walleyes were initially recaptured with AC electrofishing gear within one week (typically 1-4 days) after netting and marking were completed. In each lake the entire shoreline (including islands) was sampled to ensure equal vulnerability of marked and unmarked walleyes to capture. All walleyes in the captured were measured and examined for marks; in most lakes any unmarked walleyes collected in the first electrofishing run were fin clipped accordingly for the lake and fish maturity. A second whole-shore electrofishing recapture run was conducted approximately 1-4 weeks after the first electrofishing run.

Based on electrofishing recapture data, population estimates were calculated with the Chapman modification of the Petersen Estimator as:

$$N = \frac{(M + 1)(C + 1)}{(R + 1)}$$

where N was the population estimate, M was the number of fish marked and released, C was the total number of fish captured and examined for marks in the recapture sample, and R was the total number of marked fish observed in C.

The Chapman Modification method was used because it provides more accurate population estimates in cases when R is relatively small (Ricker 1975). Walleye population and variance estimates were calculated by length-class ($\leq 11.9"$, $12-14.9"$, $15-19.9"$, and $\geq 20.0"$) and summed accordingly to

estimate adult and total walleye abundance. If spearing occurred after the start of the marking period, the number of marked walleyes speared was subtracted from the number of marked fish at large during the recapture period. These fish were added back to the estimated number of fish present at the time of marking for the populations of interest (e.g. adult or total populations).

All population estimates were reviewed by a Technical Working Group (TWG) for reliability. Factors considered in determining reliability of estimates included numbers of fish marked and/or recaptured by sex and in total and coefficients of variation associated with derived estimates. In cases where population estimates are not deemed reliable by the TWG, estimates are rejected for use in setting safe harvest levels. For consistency across data groups, any population estimates rejected by the TWG for other purposes were also excluded from comparative statistical analyses.

Due to sample size restrictions, separate analyses were conducted to evaluate differences in spawner population size across (1) primary recruitment source (natural, stocked, or remnant; refer to Appendix C) and (2) restrictive angling regulations in 2006⁴ (refer to Appendix D). Statistical comparisons were made for spawner density (fish/acre) which provides a better comparative measure across lakes of varying size (relative to spawner abundance).

Fish population size structure was described using proportional stock density (PSD) and relative stock density (RSD) as reviewed by Anderson et al. (1996). Walleye size data were analyzed to compare proportions of both quality (PSD) and preferred (RSD) length fish gathered in spring surveys (April and May); data were limited to spring surveys to minimize bias associated with fish growth throughout the year and to best characterize the size structure of walleye populations near the outset of the harvest seasons. For the purpose of this report stock, quality and preferred walleye lengths were set at 12, 15 and 18 inches, respectively. Walleye length data were taken from WDNR statewide PSD/RSD database. Proportional stock density (PSD) is calculated as:

$$PSD = \frac{\text{number of fish} \geq 15 \text{ inches}}{\text{number of fish} \geq 12 \text{ inches}} \times 100$$

⁴ 2006 state regulations in surveyed lakes include a 15" minimum size limit, one fish larger than 14", one fish larger than 28", a 14-18" no-harvest slot with one fish larger than 18" allowed, and a 20-28" no-harvest slot with a 15" minimum size and one fish larger than 28" allowed.

Relative stock density (RSD) is calculated as:

$$RSD = \frac{\text{number of fish} \geq 18 \text{ inches}}{\text{number of fish} \geq 12 \text{ inches}} \times 100$$

Muskellunge

Muskellunge population estimates were conducted over a two-year period, with marking in year-1 and recapture in year-2. In year-1, muskellunge were marked during fyke netting and electrofishing efforts throughout the sampling season. All muskellunge 20" and larger were given a primary fin clip (the same clip given to adult walleye and bass). Muskellunge less than 20" long were given an alternate fin-clip (generally top caudal). In year-2, muskellunge were recaptured using fyke nets in mid-May, to coincide with the muskellunge spawning season. Adult muskellunge population estimates (considered all fish larger than the smallest sexable fish observed) were made by sex (male, female, unknown) and for the total population using Chapman-Petersen estimates:

$$N = \frac{(M + 1)(C + 1)}{(R + 1)}$$

Where N is the estimated adult population size; M is the total number of muskellunge marked in the lake in year-1 equal to or larger in length than the smallest sexable fish; C is the number of muskellunge recaptured in year-2, excluding fish smaller than the minimum length counted in year-1 plus 2 inches; and R is the number of marked fish recaptured (Wisconsin Technical Working Group 1999; Margenau and AveLallemant 2000).

Largemouth and Smallmouth Bass

In a subset of sampled lakes designated as "comprehensive survey" lakes, largemouth *Micropterus salmoides* and smallmouth *Micropterus dolomieu* bass encountered during fish surveys were marked by fin clips. Bass larger than 12.0" were given the same primary (adult) fin-clip as was given to walleye in the same lake; bass 8.0- 11.9" were given the secondary (juvenile) fin-clip for the lake. In these lakes, fyke nets were set just after ice-out in the spring and again after the first electrofishing recapture run. A total of four electrofishing surveys were conducted in each lake. The first electrofishing run was conducted within a week of pulling the early fyke nets. The second run was conducted

approximately two weeks after the first electrofishing run. Third and fourth electrofishing runs were conducted at approximately weekly intervals thereafter between mid-late May and mid-June. The entire shoreline of the lake (including islands) was sampled. Bass populations were estimated after both the third and fourth runs. For each bass species population estimates were calculated for various size classes (8.0-13.9", 14.0-17.9" and ≥ 18.0 ") using the same Chapman modification of the Petersen estimator as described for walleyes. The recapture run yielding the population estimate with the lowest coefficient of variation is reported.

Establishment of Safe Harvest

The Wisconsin joint fishery is managed by calculating total allowable catch for walleye and muskellunge on a lake-by-lake basis. "Safe harvest" is set such that the risk of exceeding 35% exploitation for walleye or 27% for muskellunge is less than 1-in-40 (Hansen 1989; Hansen et al. 1991). This risk-management system differs from a quota system, which would potentially close fisheries once a harvest cap was reached.

Safe harvest levels are set on all Ceded Territory walleye and muskellunge lakes using the most accurate population estimates available. The most reliable estimates are clearly taken from mark-recapture estimates performed in the same year for which safe harvest is calculated. However, because the temporal overlap of the spearing season and spring population estimate sampling make this logistically impossible, these population estimates are used to estimate abundance for the following two years. In addition, given the year-to-year variability associated with fish populations, safety factors are incorporated to account for the largest potential decrease between years (Hansen et al. 1991).

Population estimates older than two years are not considered to accurately represent a lake's current population and are not directly used to set safe harvest. In this case, an estimate is calculated from a regression model using lake acreage as a predictor of population abundance (Hansen 1989). Each year new population estimates are incorporated into the regression model but no estimates are removed. Lakes with multiple population estimates are averaged before being entered into the regression model.

Three regression models are used depending on the primary source of walleye recruitment in the lake (Nate et al. 2000). Separate models are used for: (A) lakes sustained primarily by natural

reproduction (NR; Figure 2), (B) lakes sustained primarily through stocking efforts (ST; Figure 3), and (C) lakes with low density populations maintained through intermittent natural reproduction (REM; Figure 4). Refer to Appendix C for a complete description of recruitment code designations used for lakes throughout the Wisconsin Ceded Territory. These models are used to set safe harvest yearly for the majority of the walleye lakes in the Ceded Territory.

A similar method is employed to set safe harvest for muskellunge. Because muskellunge mark-recapture surveys are conducted over a two year period, a population estimate for a given lake is employed to directly set safe harvest only once. In the absence of a recent population estimate, a regression model is used to make an estimate of muskellunge abundance. As with walleye, population predictions in this model are based on lake acreage, but a single model is used for all muskellunge waters in the Ceded Territory (Figure 5).

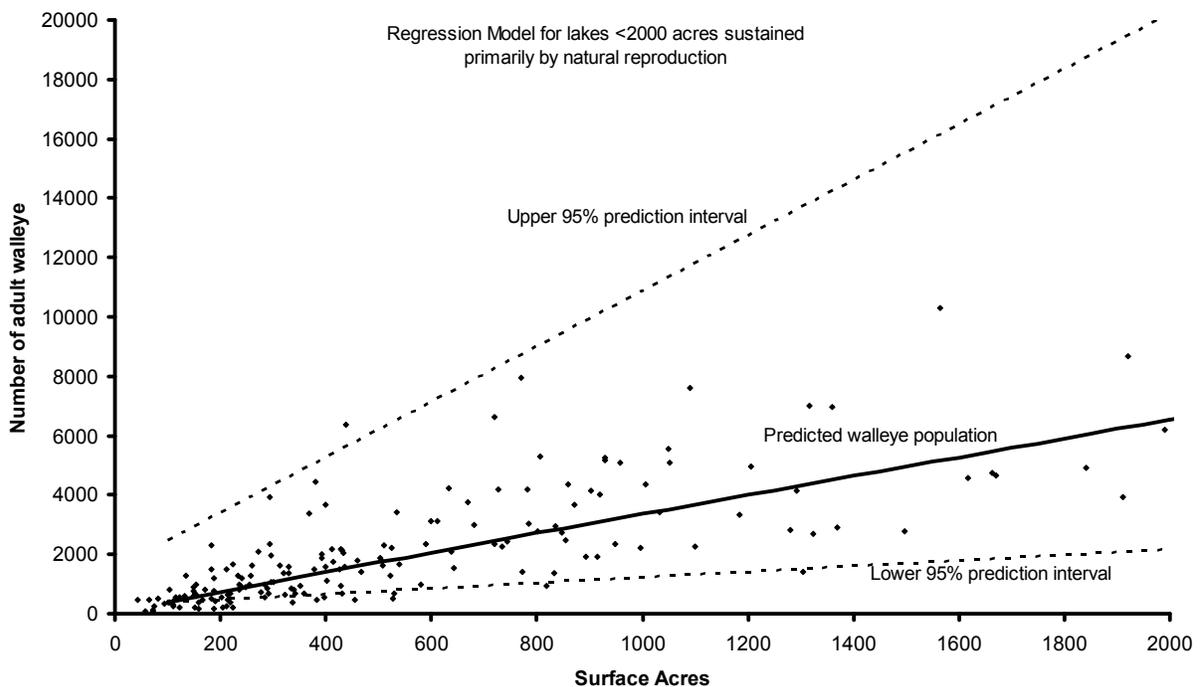


Figure 2. Regression model used to set 2006 safe harvest levels for lakes sustained primarily by natural reproduction (applies to all lake sizes; only lakes <2000 acres are shown for illustrative clarity)..

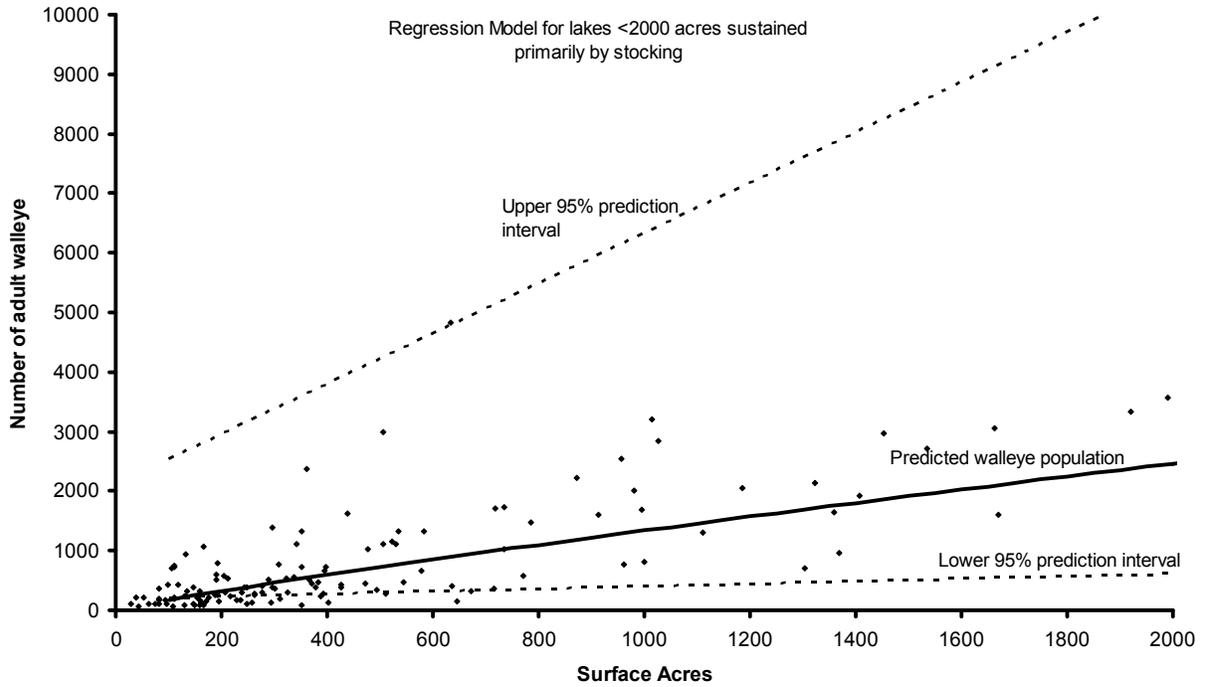


Figure 3. Regression model used to set 2006 safe harvest levels for lakes <2000 acres sustained primarily by stocking (applies to all lakes; only lakes <2000 ac. are shown for illustrative clarity).

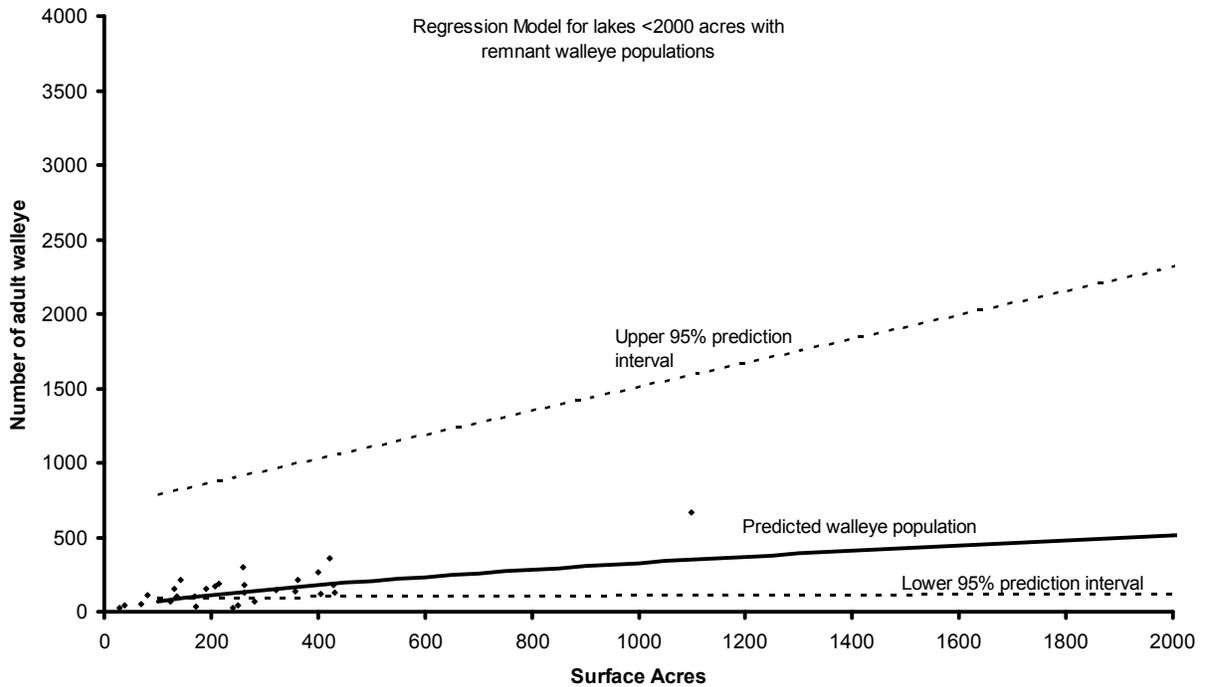


Figure 4. Regression model used to set 2006 safe harvest levels for lakes <2000 acres with remnant walleye populations (applies to all lakes; only lakes <2000 acres are shown for illustrative clarity).

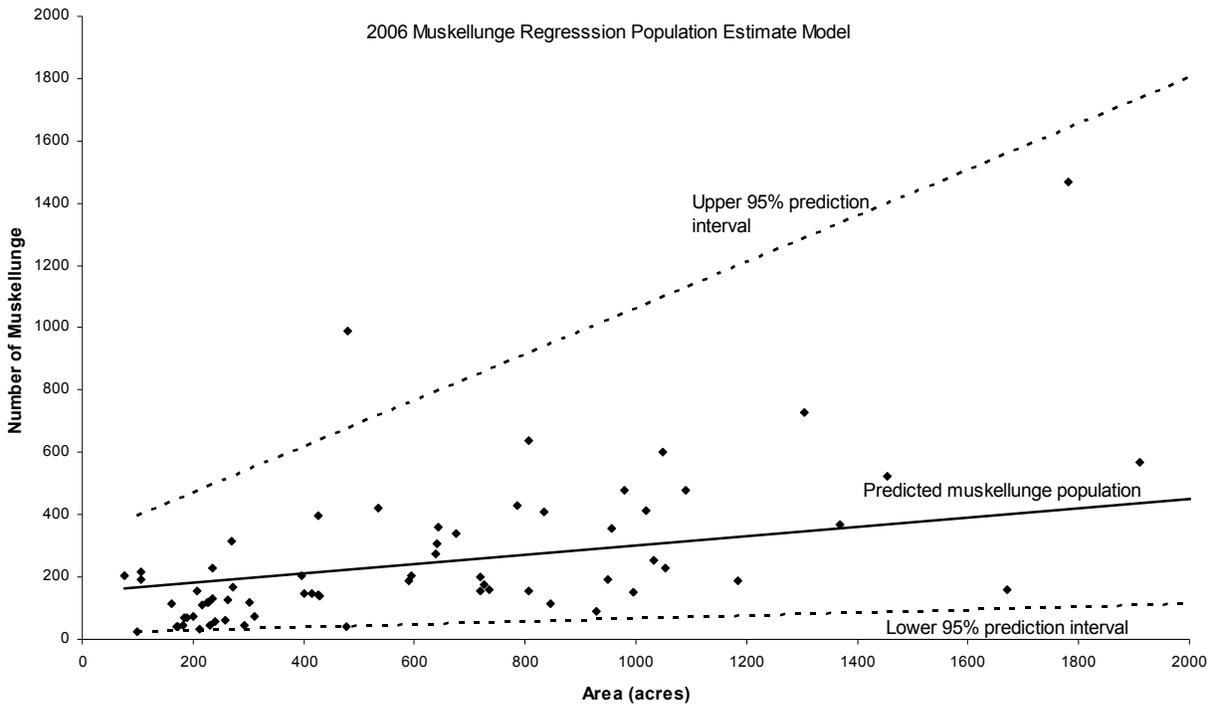


Figure 5. Regression model used to set 2006 safe harvest levels for muskellunge populations in lakes <2000 acres (applies to all lakes; only lakes <2000 acres are shown for illustrative clarity).

Estimating Fishing Effort and Harvest

Tribal Harvest and Exploitation

In lakes where current walleye population estimates are available, tribal harvest numbers are used in conjunction with population estimates to estimate tribal exploitation of walleye populations. Tribal harvest numbers for individual lakes are supplied to WDNR by GLIFWC and encompass all tribal harvest methods used (e.g. spring or winter spearing, netting). Tribal exploitation is estimated by dividing the total tribal walleye harvest within each lake by the estimated adult walleye population size for that same lake.

Angler Harvest and Exploitation - Creel Surveys

Creel surveys are generally conducted each year in the same lakes in which a walleye population estimate is done. Coordinating efforts in this way allows for year-long recovery in the creel of fish marked during spring population estimates, and subsequently allows for estimation of angler exploitation of walleye. Angler bag limits vary between lakes, ranging between 1 and 5 walleye/day in the Ceded Territory, and are set on an annual basis using a “sliding bag-limit” system in which bags are determined based upon tribal declarations and harvest (Appendix B).

WDNR creel surveys use a random stratified roving access design (Beard et al. 1997; Rasmussen et al. 1998). The surveys were stratified by month and day-type (weekend / holiday or weekday), and creel clerks conducted their interviews at random within these strata. Surveys were conducted on all weekends and holidays, and two to three randomly chosen weekdays per week. Angler effort was recorded twice daily based on instantaneous counts of angler activity.

Clerks counted the number of anglers and recorded effort, catch, harvest, and targeted species from anglers completing their fishing trip. Clerks also measured harvested fish and recorded any fin-clips observed. Only completed-trip interview information was used for analyses. Information from interviews was expanded over the appropriate stratum to provide an estimate of total effort, catch, and harvest of each species in each lake for the year. Creel data were summarized according to lake size, population recruitment source and current state regulations⁴. In cases where lakes were connected (as either

defined or undefined chains), creel clerks were not necessarily present at each individual lake on a given day; however, during the interview clerks collected information specific to lakes within the chain thereby enabling creel related estimates to be determined for individual lakes.

Angling effort was estimated for each stratum and summed across all strata to estimate total angler effort for each lake (angler hours/lake). Angler catch and harvest (hours/fish) rates were calculated for each gamefish species encountered, giving an indication of average angler success and providing an index of the relative abundance of each species. Species-specific catch and harvest rates were calculated using only species-specific fishing effort. General catch and harvest rates were calculated using total angler effort, regardless of the species targeted.

Tribal and angler walleye exploitation rates were calculated in lakes where adult population estimates and creel surveys were conducted. Angler exploitation rates for adult walleye were calculated by dividing the estimated number of marked fish harvested by the total number of marked fish present in the lake (R/M; Ricker 1975). Although anglers are able to harvest immature walleye in some waters, only adult walleye exploitation rates were calculated. Tribal exploitation was calculated as the total number of adult walleyes harvested divided by the adult population estimate (C/N; Ricker 1975). Total adult walleye exploitation rates were calculated by summing angling and tribal exploitation.

Young-of-Year Walleye Surveys

Electrofishing for YOY walleyes was done after sunset in early autumn, beginning when water temperatures had fallen below 70° F. In most cases, the entire shoreline of a lake was electrofished and all sub-adult walleyes were examined and measured. Two-sample t-tests were used to test various hypotheses: that YOY density (fish/mile shocked) observed in natural and stocked model lakes was equal during 2006, that within each recruitment model the YOY density observed in 2006 did not differ from the average over the previous 16 years (1990-2005), and that in stocked model lakes YOY density did not

differ between those lakes that were stocked and those that were not stocked during 2006. A general linear model was used to evaluate the effects of recruitment model (natural or stocked), year, and the year*model interaction on YOY walleye/mile over time. The interaction term was evaluated as indicative of significant trends over time in YOY walleye/mile for lakes within one or both recruitment models.

Hansen et al. (2004) updated a previous analysis by Serns (1982) to establish a relationship between the number of YOY walleyes collected per mile of shoreline electrofished and their lake-wide density (#/acre) where:

$$Density = 0.0345 * (Catch\ per\ mile)^{1.564}$$

The Hansen et al. (2004) metric of YOY density is used in evaluation of differences between various lake classes (e.g. Natural or Stocked recruitment model lakes). Use of the Hansen et al. metric for this purpose began with this 2006-2007 annual report; In years prior to 2006 the Serns index was used for the same purpose.

To assess any potential for natural reproduction, a portion of lakes classified as 'stocked', 'remnant', or where the primary component of year class strength is uncertain are selected to receive fish with an internal oxytetracycline (OTC) otolith mark. A proportion of the YOY fish sampled from these lakes in the fall were sacrificed to assess the relevant contribution of stocking to the number of surviving YOY fish and to provide evidence of any contribution by natural reproduction.

RESULTS AND DISCUSSION

Population Estimates and Densities

Spawning Adult Walleye Abundance

In 2006, spawning walleye populations were estimated in 27 lakes, ranging in size from 111 to 6,300 acres and representing a range of walleye recruitment categorizations and angler regulations (Table 1). Spawning adult walleye abundance was estimable in each of the 27 Ceded Territory lakes in which walleye population estimates were attempted during 2006 (Table 1). Adult spawning walleye abundance estimates averaged 2,254 walleye (2.9/acre) across all lakes surveyed during 2006. Mean abundance estimates for natural-model lakes (Mean=3,190; range 203-13,017) were greater than in stocked-model (Mean= 894; range 218-2,274) lakes during 2006 (No Remnant-model lakes were surveyed in 2006; Appendix E). Spawning walleye abundance was lowest (203) in Crystal Lake, Bayfield County, and highest in Lake Wissota, Chippewa County (13,017; Table 1).

Spawning walleye density (walleye/acre) estimates averaged 2.9 adults/acre across all lakes surveyed during 2006. Average density estimates for natural-model lakes (Mean=3.74; range 1.1-8.1) were greater than in stocked-model (Mean=1.79; range 0.3-4.3) lakes during 2006. Adult walleye density was lowest (0.3/acre) in Sand Lake, Burnett County, and highest in Lily Lake, Forest County (8.1/acre; Table 1).

As in previous years (Hewett and Simonson 1998), spawner densities observed in 2006 were greater in lakes dominated by natural recruitment than those in the stocked model ($P=0.008$; Figure 6). No significant difference was found in walleye spawner density across lakes with differing regulation classifications during 2006 (GLM, $df=4$, $F=1.51$, $P=0.236$). There have been no statistically significant trends in walleye spawner density in natural- (GLM, $P=0.289$) or stocked-model ($P=0.313$) walleye waters in the Ceded Territory since 1995⁵ (Figure 7 and Figure 8).

⁵ Data prior to 1995 was excluded due to a difference in the protocol used to select lakes for assessment (Hewett No Date)

Table 1. Lakes surveyed by WDNR sampling crews in spring 2006 with corresponding information on walleye spawning population abundance and density.

| WBIC ¹ | County | Lake | Acres | Size Limit (in) ² | Recruitment code | Recruitment Model | Adult Pop. Estimate | Adult Density (#/Acre) |
|-------------------|----------|------------------|-------|------------------------------|------------------|-------------------|---------------------|------------------------|
| 2897300 | Bayfield | Crystal | 111 | 15 | C-NR | natural | 203 | 1.83 |
| 2897100 | Bayfield | Diamond | 341 | 20-28 Slot | C-NR | natural | 391 | 1.15 |
| 2152800 | Chippewa | L Wissota | 6,300 | 14-18 Slot | NR | natural | 13,017 | 2.07 |
| 2858100 | Douglas | Amnicon | 426 | 15 | C-NR | natural | 1,239 | 2.91 |
| 376900 | Forest | Lily | 211 | 15 | NR | natural | 1,718 | 8.14 |
| 2272600 | Oneida | Buckskin | 634 | No min., 1>14 | C-NR | natural | 3,964 | 6.25 |
| 1517200 | Oneida | Manson | 236 | 15 | C-NR | natural | 305 | 1.29 |
| 2391200 | Sawyer | Grindstone | 3,111 | 14-18 Slot | C-NR | natural | 3,500 | 1.13 |
| 2338800 | Vilas | Big Crooked | 682 | none | NR | natural | 1,301 | 1.91 |
| 1629500 | Vilas | Big Portage | 638 | No min., 1>14 | NR | natural | 3,186 | 4.99 |
| 2339900 | Vilas | Escanaba | 293 | 28 | NR | natural | 2,191 | 7.48 |
| 2762200 | Vilas | Forest | 466 | 14-18 Slot | NR | natural | 2,486 | 5.33 |
| 1631900 | Vilas | Lac Vieux Desert | 4,300 | 15 | C-NR | natural | 10,505 | 2.44 |
| 1592400 | Vilas | Plum | 1,033 | 14-18 Slot | C-NR | natural | 4,490 | 4.35 |
| 1018500 | Vilas | Snipe | 239 | 15 | NR | natural | 1,226 | 5.13 |
| 2336100 | Vilas | Wolf | 393 | 15 | NR | natural | 1,320 | 3.36 |
| 2916900 | Ashland | Mineral | 225 | 18 | C-ST | stocked | 904 | 4.02 |
| 2081200 | Barron | Beaver Dam | 1,112 | 15 | C-ST | stocked | 761 | 0.68 |
| 2495100 | Burnett | Sand | 962 | 15 | ST | stocked | 307 | 0.32 |
| 388500 | Forest | Crane | 337 | 18 | ST | stocked | 245 | 0.73 |
| 396500 | Forest | Lucerne | 1,005 | 18 | C-ST | stocked | 904 | 0.90 |
| 1490300 | Lincoln | Seven Island | 132 | 15 | C-ST | stocked | 218 | 1.65 |
| 1547700 | Lincoln | Somo | 472 | 15 | C-ST | stocked | 829 | 1.76 |
| 1595800 | Oneida | North Nokomis | 476 | 15 | ST | stocked | 1,411 | 2.96 |
| 1618100 | Oneida | Thunder | 1,768 | 18 | C-ST | stocked | 3,274 | 1.85 |
| 2621100 | Polk | Half Moon | 579 | 15 | ST | stocked | 318 | 0.55 |
| 1881900 | Vilas | Sparkling | 154 | 28 | C-ST | stocked | 664 | 4.31 |

1 - WBIC is a Water Body Identification Code unique to each lake.

2 - Size limits reflect 2005-2006 minimum and slot length harvest regulations for each lake.

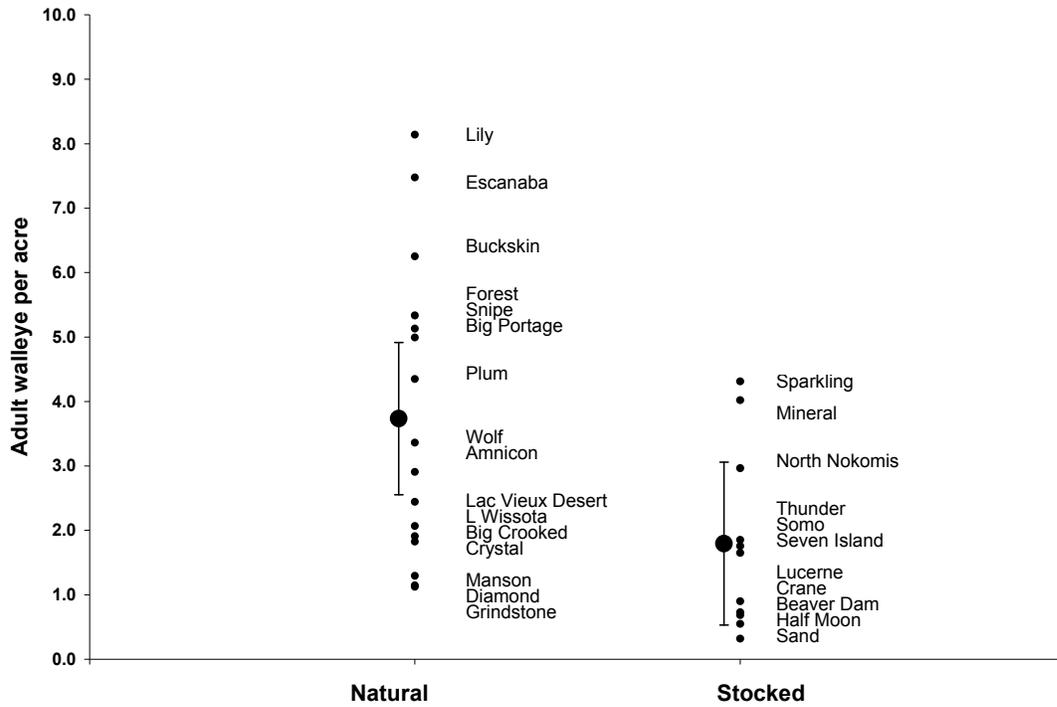


Figure 6. Adult walleye density estimates for lakes sampled by WDNR in spring 2006 based on primary population recruitment source.

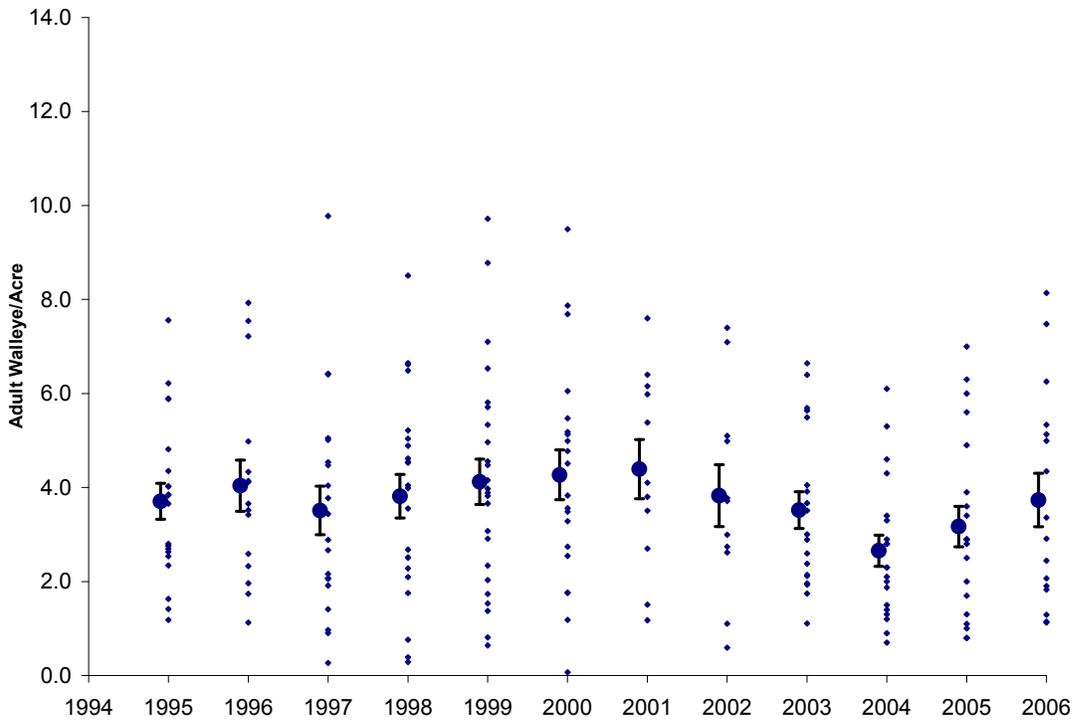


Figure 7. Adult walleye population density estimates recorded in Wisconsin Ceded Territory Lakes with populations sustained primarily by natural reproduction, 1990 – 2006. Small circles represent individual lakes; Large circles represent yearly means (\pm SE).

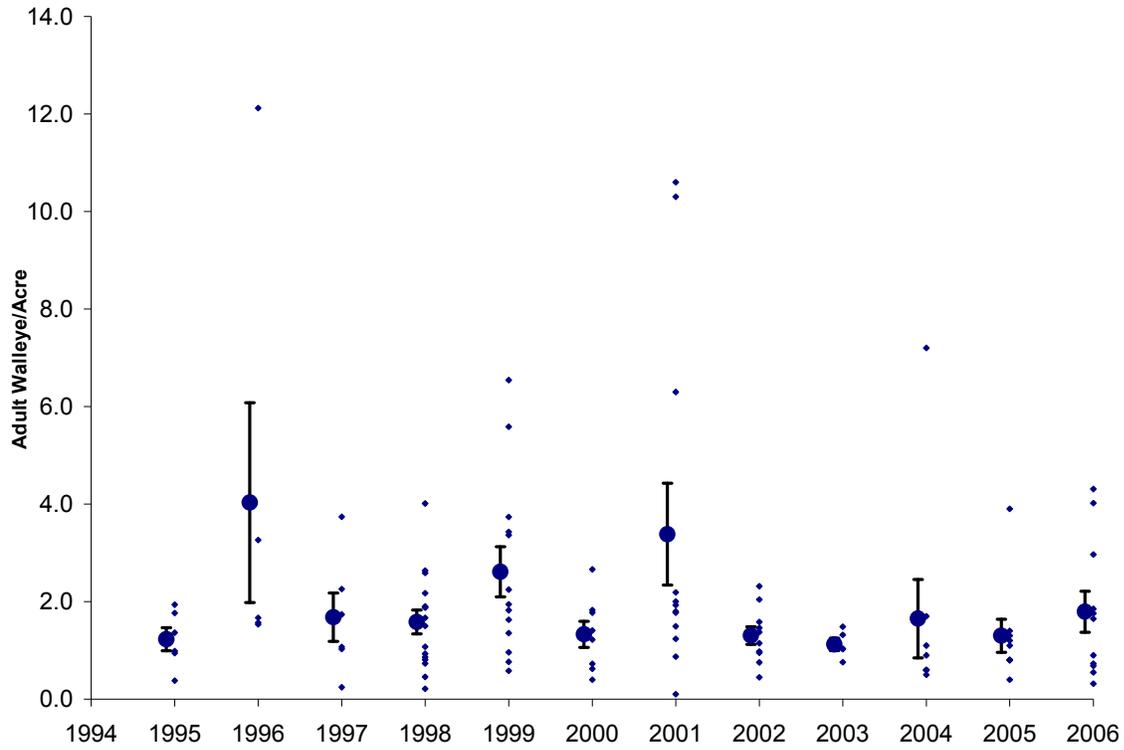


Figure 8. Adult walleye population density estimates recorded in Wisconsin Ceded Territory Lakes with populations sustained primarily by stocking, 1995 – 2006. Small circles represent individual lakes; Large circles represent yearly means (\pm SE).

Excluding the three WDNR research lakes (Escanaba, Big Crooked, and Wolf, Vilas Co.), 18 lakes sampled in 2006 had at least one historic WDNR adult walleye population estimate (Table 2). Of the 10 lakes or chains sampled in 2005 with historic population estimates in the natural recruitment model, three had increased in populations whereas seven had decreased populations. Forest Lake (Vilas Co.) showed the most marked population increase of 119 percent since 1990; Manson Lake (Oneida Co.) showed the most marked population decrease of 63 percent since 2000. Of eight lakes or chains sampled in 2006 with historic population estimates in the stocked recruitment model, two had increased in populations whereas six had decreased populations. Somo Lake (Lincoln Co.) showed the most marked population increase of 63 percent since 1999; Seven Island Lake (Lincoln Co.) showed the most marked population decrease of 74 percent since 2001. No remnant-model lakes sampled during 2006 had prior population estimates available for comparison.

Information in Table 2 is intended to present current walleye population levels concurrently with past observations, but is not suitable (nor intended) for defining or illustrating trends in walleye populations. Fish populations in general and walleye populations in particular are extremely variable and can change dramatically from year to year making interpretation of values in Table 2 difficult at best. This inherent variability in walleye populations is readily evident in that most of the lakes with more than two estimates show both positive and negative changes in population levels over time; Grindstone, Snipe and Plum lakes each show increases and decreases through time.

Table 2. Comparison of current and historic walleye population estimates and percent change by recruitment model for lakes surveyed during 2006.

| County | Lake | Acres | Year | Recruit. Code | Adult PE | Density (#/acre) | Percent Change |
|----------------------------------|---------------|-------|--------|---------------|----------|------------------|----------------|
| Natural Recruitment Lakes | | | | | | | |
| Bayfield | Crystal | 111 | 2006 | C-NR | 203 | 1.8 | -23 |
| | | | 2003 | C-NR | 264 | 2.4 | |
| Bayfield | Diamond | 341 | 2006 | C-NR | 391 | 1.2 | -34 |
| | | | 2003 | C-NR | 595 | 1.7 | -24 |
| | | | 1990 | C- | 779 | 2.3 | |
| Chippewa | Lake Wissota | 6,300 | 2006 | NR | 13,017 | 2.1 | 24 |
| | | | 6,024* | 1996 | NR | 10,484 | 1.7 |
| Douglas | Amnicon | 426 | 2005 | C-NR | 1,239 | 2.9 | -30 |
| | | | 2002 | NR | 1,769 | 4.2 | |
| Oneida | Manson | 236 | 2006 | C-NR | 305 | 1.3 | -63 |
| | | | 2000 | C-NR | 823 | 3.5 | |
| Sawyer | Grindstone | 3,111 | 2006 | C-NR | 3,500 | 1.1 | -47 |
| | | | 2003 | C-NR | 6,658 | 2.1 | 81 |
| | | | 2000 | C-NR | 3,682 | 1.2 | -6 |
| | | | 1994 | NR | 3,916 | 1.3 | |
| Vilas | Snipe | 239 | 2006 | NR | 1,226 | 5.1 | -9 |
| | | | 2003 | NR | 1,348 | 5.6 | 18 |
| | | | 2000 | NR | 1,141 | 4.8 | 193 |
| | | | 1995 | C-NR | 389 | 1.6 | |
| Vilas | Plum | 1,033 | 2006 | C-NR | 4,490 | 4.4 | -21 |
| | | | 2003 | C-NR | 5,674 | 5.5 | 43 |
| | | | 1995 | C-NR | 3,964 | 3.8 | 92 |
| | | | 1990 | C-NR | 2,068 | 1.9 | |
| Vilas | Big Portage | 638 | 2006 | NR | 3,186 | 5.0 | 51 |
| | | | 1992 | NR | 2,107 | 3.3 | |
| Vilas | Forest | 466 | 2006 | NR | 2,486 | 5.3 | 119 |
| | | | 1990 | NR | 1,136 | 2.4 | |
| Stocked Recruitment Lakes | | | | | | | |
| Barron | Beaver Dam | 1,112 | 2006 | C-ST | 761 | 0.7 | 10 |
| | | | 1,102* | 1993 | C-ST | 690 | 0.6 |
| Burnett | Sand | 962 | 2006 | ST | 307 | 0.3 | -56 |
| | | | 2000 | ST | 697 | 0.7 | -17 |
| | | | 1993 | ST | 835 | 0.9 | |
| Forest | Crane | 337 | 2006 | ST | 245 | 0.7 | -63 |
| | | | 1999 | ST | 655 | 1.9 | |
| Forest | Lucerne | 1,005 | 2006 | C-ST | 904 | 0.9 | -36 |
| | | | 1,026* | 1992 | C-ST | 1,410 | 1.4 |
| Lincoln | Seven Island | 132 | 2006 | C-ST | 218 | 1.7 | -74 |
| | | | 2001 | ST | 837 | 6.3 | |
| Lincoln | Somo | 472 | 2006 | C-ST | 829 | 1.8 | 83 |
| | | | 1999 | C-ST | 454 | 1.0 | -68 |
| Oneida | North Nokomis | 476 | 2006 | ST | 1,411 | 3.0 | 13 |
| | | | 1998 | C-ST | 1,254 | 2.6 | |
| Polk | Half Moon | 579 | 2006 | ST | 318 | 0.6 | -56 |
| | | | 2001 | ST | 717 | 1.2 | -23 |

* Reported lake areas differ by year

Spawning Adult Walleye Size Structure

Spawning adult walleye populations were estimated for each lake by length class in both natural (Figure 9) and stocked (Figure 10) production model lakes. Natural model lakes generally had higher walleye spawner densities than stocked model lakes, although the size structure sampled in stocked lakes tended to be larger relative to that in natural model lakes.

In natural model lakes spawning walleye abundance and size structures were highly variable (Figure 9). The majority of natural model lakes sampled had overall densities between 1 and 4 fish/acre. Seven sampled lakes had walleye densities exceeding 4 fish/acre; of those 7 lakes, 5 have specialized harvest regulations in place (Escanaba Lake=28" minimum; Buckskin, Big Portage, Forest=no minimum and only 1 fish>14"; Plum=14-18" protected slot). Walleye spawning in the 7-11.9 inch category were very limited in relative abundance in most natural production lakes sampled. Lakes that had substantial proportions of the overall walleye population made up of smaller fish tended to be those with specialized regulations although it is unclear if this is directly related to the harvest regulations or other factors (e.g. sporadic recruitment).

In stocked model lakes spawning walleye abundance exceeded 2.5 fish/acre in only three of eleven lakes surveyed (Figure 10). Despite lower fish densities than those observed in natural model lakes, stocked model lakes generally had a high percentage (e.g. >50%) of the spawning population made up of relatively large fish (>15") available for angler harvest under general statewide regulations.

Data were available for calculation of PSD and RSD-18 for 13 natural, 13 stocked, and one remnant model lake sampled in 2006 (Table 3). Given that the majority of walleye regulations in the Ceded Territory lakes involve a 15" minimum size limit, calculating PSD as the percent of stock sized fish over 15" essentially makes this value a comparative tool to evaluate the percentage of harvestable fish across lakes.

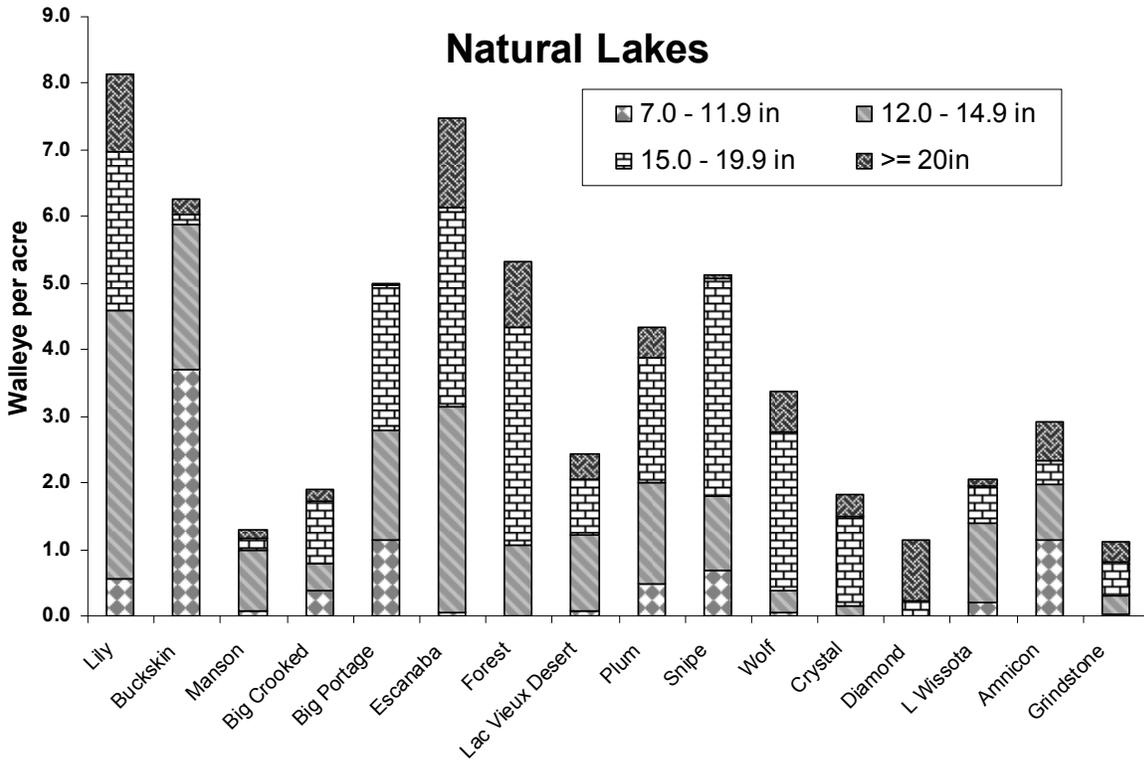


Figure 9. Size distribution of spawning walleye sampled in natural production model lakes during 2006.

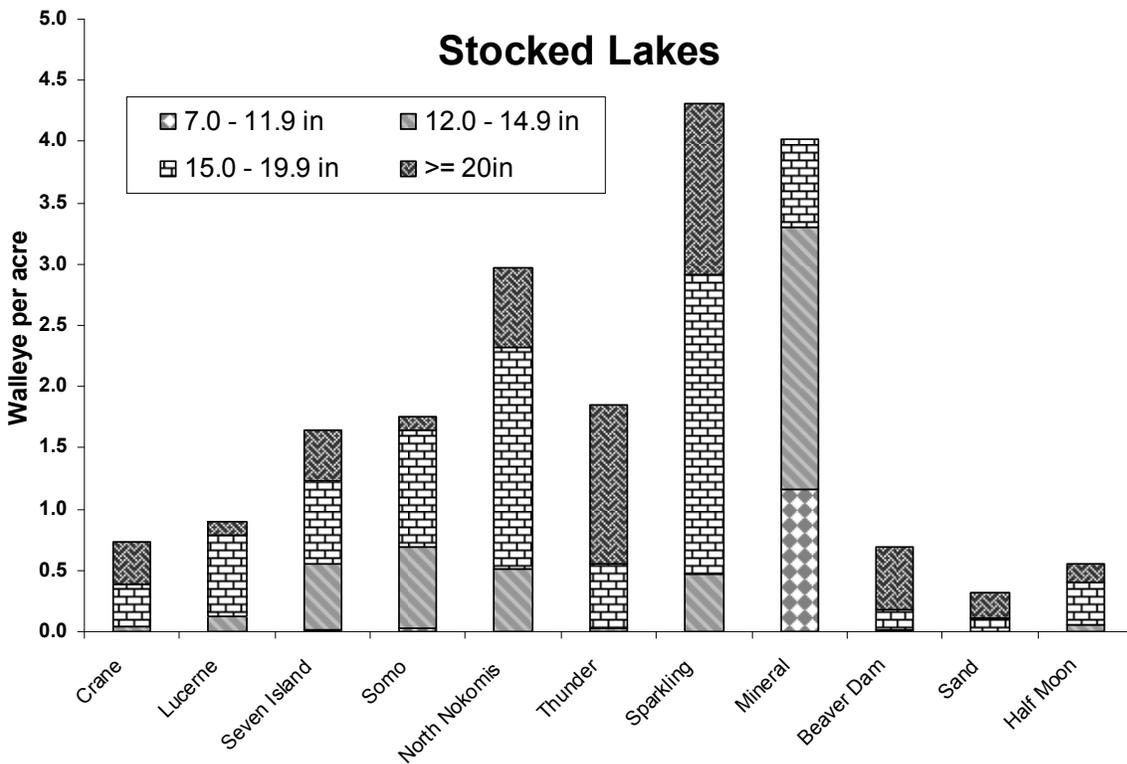


Figure 10. Size distribution of spawning walleye sampled in stocked production model lakes during 2006.

In natural model lakes observed PSD and RSD-18 values were highly variable, with PSDs ranging from 14 to 100 percent and RSD-18s ranging from 7 to 95 percent. Stocked model lakes showed a similar range to natural model lakes in both PSD (14-98%) and RSD-18 (0-82%) during 2006 however, PSDs in stocked model lakes typically exceeded 70 percent which was not true in natural model lakes. Only a single remnant model lake had calculable PSD and RSD values in 2006 making comparisons to other recruitment models impractical.

Table 3. Walleye Proportional and Relative Stock Density values for lakes surveyed in spring, 2006.

| County | Lake | Acres | Recruitment Code | Walleye Regulation | PSD | RSD-18 |
|----------------------------------|------------------|-------|------------------|--------------------------|-----|--------|
| Natural Recruitment Lakes | | | | | | |
| Bayfield | Crystal | 111 | C-NR | 15 | 83 | 42 |
| Bayfield | Diamond | 341 | C-NR | 15 min; 20-28 slot; 1>28 | 100 | 95 |
| Chippewa | Wissota | 6300 | NR | 14-18 slot; 1>18 | 30 | 10 |
| Douglas | Amnicon | 426 | C-NR | 15 | 41 | 30 |
| Forest | Lily | 211 | NR | 15 | 43 | 11 |
| Oneida | Buckskin | 634 | C-NR | No Min.; 1>14 | 14 | 11 |
| Oneida | Manson | 236 | C-NR | 15 | 20 | 10 |
| Sawyer | Grindstone | 3111 | C-NR | 14-18 slot; 1>18 | 76 | 39 |
| Vilas | Big Portage | 638 | NR | 14-18 slot; 1>18 | 54 | 7 |
| Vilas | Forest | 466 | NR | 14-18 slot; 1>18 | 68 | 30 |
| Vilas | Lac Vieux Desert | 4300 | C-NR | 15 | 47 | 21 |
| Vilas | Plum | 1033 | C-NR | 14-18 slot; 1>18 | 55 | 17 |
| Vilas | Snipe | 239 | NR | 15 | 70 | 11 |
| Stocked Recruitment Lakes | | | | | | |
| Barron | Beaver Dam | 1112 | C-ST | 15 | 94 | 75 |
| Burnett | Sand | 962 | ST | 15 | 98 | 74 |
| Forest | Crane | 337 | ST | 18 | 98 | 75 |
| Forest | Lake Lucerne | 1026 | C-ST | 18 | 85 | 24 |
| Lincoln | Seven Island | 132 | C-ST | 15 | 72 | 41 |
| Lincoln | Somo | 472 | C-ST | 15 | 52 | 19 |
| Oconto | Maiden | 290 | C-ST | 15 | 79 | 44 |
| Oneida | Gilmore | 320 | ST | 15 | 53 | 27 |
| Oneida | Thompson | 382 | C-ST | 15 | 14 | 0 |
| Oneida | North Nokomis | 476 | ST | 15 | 80 | 31 |
| Oneida | Thunder | 1768 | C-ST | 15 | 97 | 82 |
| Polk | Half Moon | 579 | ST | 15 | 88 | 28 |
| Vilas | Sparkling | 154 | C-ST | 28 | 82 | 34 |
| Vilas | Towanda | 146 | ST | 15 | 68 | 20 |
| Remnant Population Lakes | | | | | | |
| Marinette | Caldron Falls | 1018 | 0-ST | 15 | 92 | 74 |

In 2006, average size structure was generally largest in remnant model lakes, intermediate in stocked lakes, and smallest in natural model lakes (Figure 11). Mean PSDs for stocked, remnant and natural model lakes were 77, 90 and 52, respectively. Mean RSD-18s for stocked, remnant and natural model lakes were 41, 62 and 24, respectively. Differences in PSD and RSD-18 values across lakes in various recruitment models could be caused by an increase in the relative abundance of quality (PSD, ≥ 15 ") or preferred (RSD, ≥ 18 ") sized fish, a decrease in the relative abundance of stock sized fish (≥ 12 "), or some combination of these two factors.

Mean annual PSD values have increased over time in natural model lakes⁶ (Figure 12). Observed PSD and RSD-18 values were found to be highly correlated over time for both natural ($r^2=0.78$) and stocked ($r^2=0.69$) lakes, so only PSD values are discussed here. The observed trend in PSD in natural recruitment lakes is statistically significant and indicates an average annual increase of approximately 1.3 percent/year (Linear Regression, slope 1.28, $P=0.03$). In stocked recruitment lakes the PSD trend is not significant ($P=0.18$) and has a lesser slope of under 1 percent/year (Slope 0.88). The trend in PSD within natural model lakes illustrates an apparent increase in the overall walleye population size structure since 1995 that could be caused by an increase in the relative abundance of quality sized fish (≥ 15 "), a decrease in the relative abundance of stock sized fish (≥ 12 "), or some combination of these two factors.

⁶ Only data points with a minimum of three associated lake observations were included in this analysis. This precluded inclusion of earlier (pre-1995) data and that from remnant model lakes.

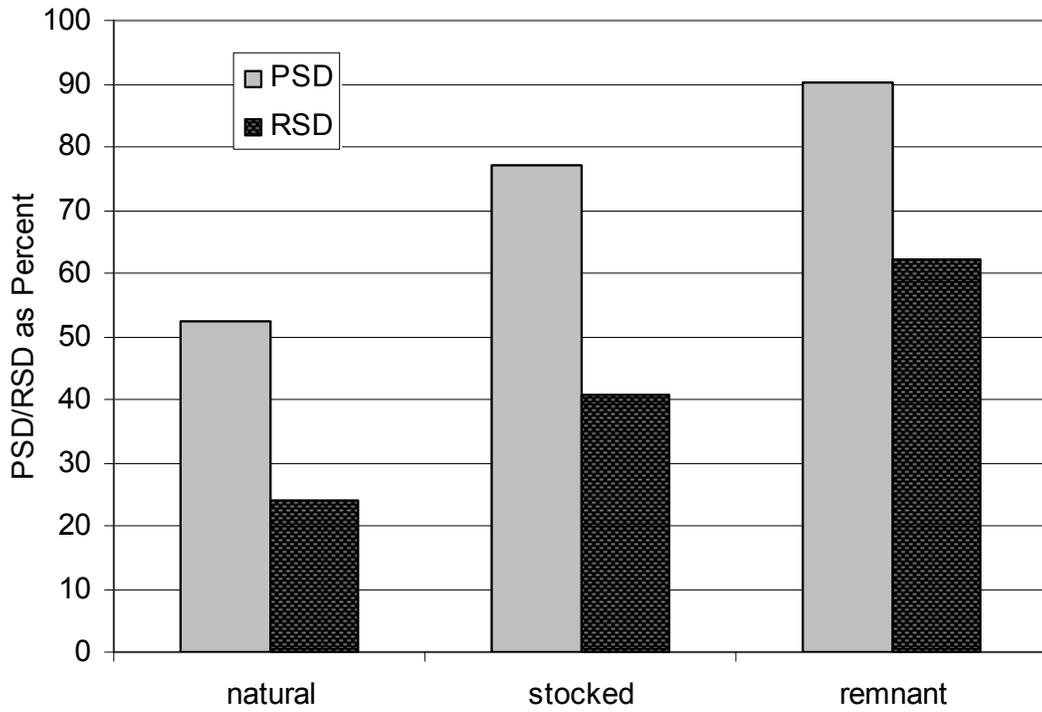


Figure 11. Comparison of mean PSD and RSD-18 values across lakes in various walleye recruitment models.

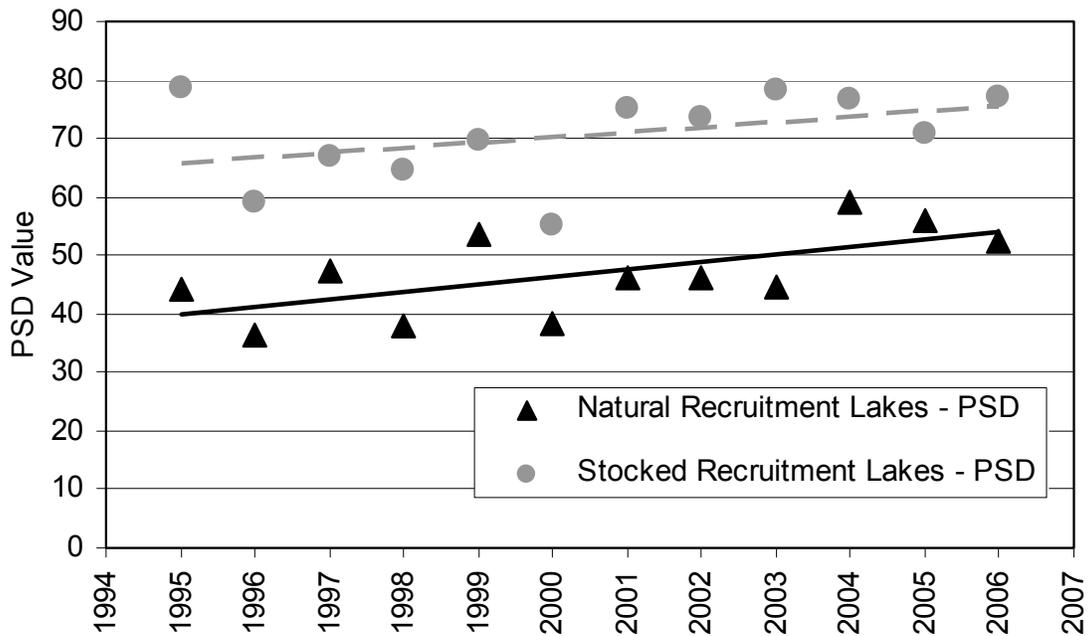


Figure 12. Trends in PSD values observed for walleye in Ceded Territory lakes since 1995.

Muskellunge Abundance

Adult muskellunge population estimates were successfully⁷ completed in eleven Ceded Territory lakes during spring 2006 (Table 4, Appendix F). Population estimates completed in 2006 reflect 2005 population numbers because of the two-year mark-recapture time span used to derive estimates. Muskellunge densities averaged 0.28 adult fish/acre, ranging between 0.10 and 0.73 adult fish/ acre. Most density estimates were under 0.25 adult fish/acre. Muskellunge density did not appear to be related to lake size or angler regulations (Table 4).

Table 4. Adult muskellunge population estimates completed in 2006 in the Wisconsin Ceded Territory. Regulations presented are for 2006.

| County | Lake | Angler Regulation (inches) | Acres | Minimum length in PE (inches) | | Adult PE | CV(%) | Total per acre |
|----------|-----------------|----------------------------|-------|-------------------------------|--------|----------|-------|----------------|
| | | | | Male | Female | | | |
| Langlade | Enterprise | 34 | 505 | 24.5 | 27.0 | 241 | 11.0 | 0.48 |
| Langlade | Moccasin | 34 | 110 | 31.5 | 35.0 | 35 | 23.9 | 0.32 |
| Oneida | Clear | 50 | 846 | 32.0 | 35.0 | 94 | 17.7 | 0.11 |
| Oneida | Tomahawk | 34 | 3,392 | 23.0 | 29.0 | 410 | 27.0 | 0.12 |
| Oneida | Two Sisters | 40 | 719 | 26.0 | 34.5 | 108 | 16.3 | 0.15 |
| Price | Pike | 34 | 806 | 16.0 | 29.0 | 112 | 22.9 | 0.14 |
| Price | Round | 34 | 726 | 21.5 | 30.0 | 154 | 24.3 | 0.21 |
| Polk | Bone | 40 | 1,781 | 23.0 | 26.5 | 1,303 | 10.1 | 0.73 |
| Vilas | Big Arbor Vitae | 34 | 1,090 | 25.5 | 28.5 | 647 | 11.1 | 0.59 |
| Vilas | Star | 34 | 1,206 | 24.0 | 33.0 | 118 | 11.7 | 0.10 |
| Vilas | White Sand | 34 | 734 | 23.5 | 34.0 | 149 | 24.5 | 0.20 |

⁷ Two additional musky population estimates were completed during 2006 but later rejected by the Technical Working Group due to concerns about data used to estimate the population size.

Bass Abundance

Population estimates were made for smallmouth bass in seven lakes and largemouth bass in eight lakes in 2006 (Table 5). Smallmouth bass densities average 0.8/acre and ranged from 0.3/acre in Grindstone Lake (Sawyer County) to 2.4/acre in Lake Lucerne (Forest County). Density estimates of smallmouth bass in most lakes were less than one fish/acre (Table 5). Largemouth bass density averaged 5.5/acre and ranged from 0.4/acre in Forest Lake (Vilas County) to 10.3/acre in Twenty-Six Lake (Burnett Co). Largemouth bass densities in most lakes surveyed were less than 5 fish/acre (Table 5).

Smallmouth bass size structure was relatively evenly distributed between size classes in all lakes sampled in 2006. Smallmouth bass greater than 18" were not abundant in any waters, but made up notable components of the populations in Plum, Lucerne, Forest and Lily lakes (Figure 13). The size structure of largemouth bass was dominated by 8.0-14" fish in all lakes sampled with virtually no fish over 18" observed (Figure 14).

Table 5. Bass population estimates for lakes sampled in the Wisconsin Ceded Territory in spring 2006.

| County | Lake | Acres | Angler Regulation | Total PE | CV | Total /acre | 8.0-13.9" /acre | 14.0-17.9" /acre | 18.0"+ /acre |
|------------------------|--------------|-------|-------------------|----------|------|-------------|-----------------|------------------|--------------|
| Smallmouth Bass | | | | | | | | | |
| Bayfield | Diamond | 341 | 14" | 92 | 0.29 | 0.27 | 0.20 | 0.06 | 0.01 |
| Forest | Lily | 211 | 14" | 109 | 0.29 | 0.52 | 0.52 | 0.40 | 0.11 |
| Forest | Lucerne | 1,005 | 14" | 2,359 | 0.24 | 2.35 | 2.35 | 2.09 | 0.26 |
| Sawyer | Grindstone | 3,111 | 14" | 1800 | 0.19 | 0.58 | 0.48 | 0.09 | 0.01 |
| Vilas | Big Portage | 638 | 14" | 222 | 0.31 | 0.35 | 0.12 | 0.21 | 0.02 |
| Vilas | Forest | 466 | 18" | 382 | 0.21 | 0.82 | 0.17 | 0.55 | 0.10 |
| Vilas | Plum | 1,033 | 14" | 754 | 0.24 | 0.73 | 0.16 | 0.28 | 0.29 |
| Largemouth Bass | | | | | | | | | |
| Bayfield | Diamond | 341 | 14" | 1,002 | 0.32 | 2.94 | 0.93 | 1.94 | 0.07 |
| Burnett | Sand | 962 | 14" | 4,364 | 0.16 | 4.54 | 3.55 | 0.98 | 0.01 |
| Burnett | Twenty-Six | 230 | 14" | 2,365 | 0.11 | 10.28 | 10.13 | 0.14 | 0.01 |
| Lincoln | Seven Island | 132 | 14" | 890 | 0.29 | 6.75 | 6.69 | 0.05 | 0.01 |
| Oneida | Thunder | 1,768 | 14" | 5,584 | 0.33 | 3.16 | 1.57 | 1.57 | 0.02 |
| Polk | Bone | 1,781 | 14" | 10,457 | 0.14 | 5.87 | 5.47 | 0.38 | 0.02 |
| Polk | Half Moon | 579 | 14" | 5,919 | 0.13 | 10.22 | 9.02 | 1.17 | 0.03 |
| Vilas | Forest | 466 | 18" | 181 | 0.33 | 0.39 | 0.17 | 0.19 | 0.03 |

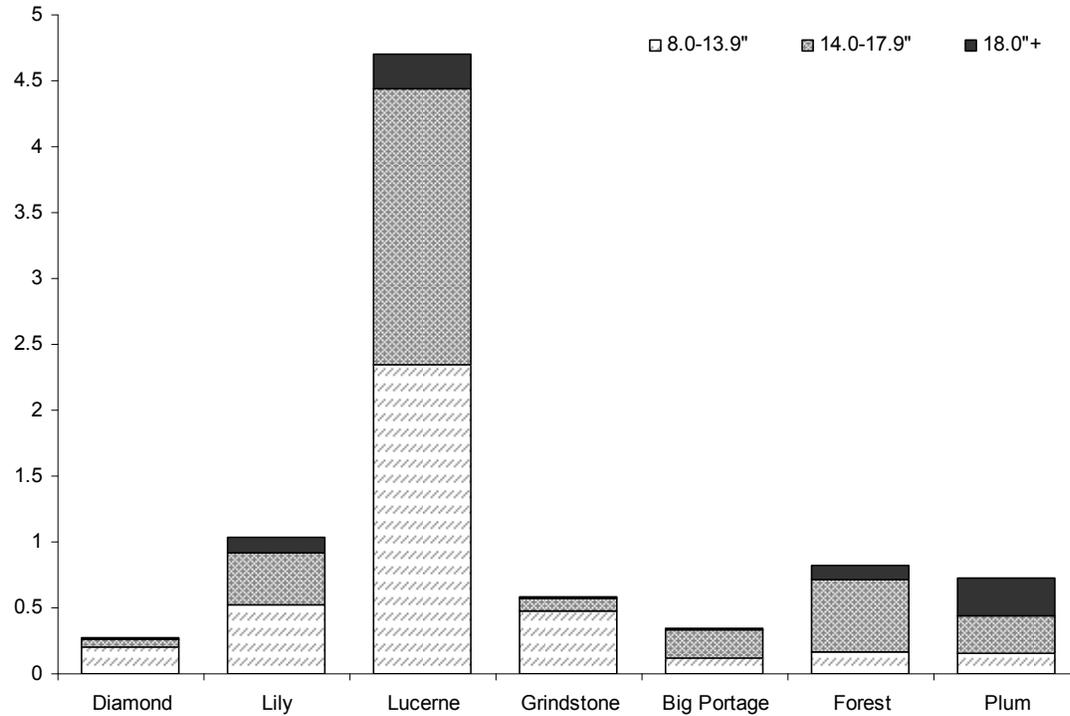


Figure 13. Smallmouth bass population densities (fish ≥ 8.0") by size range for lakes sampled in the Wisconsin Ceded Territory in spring 2006.

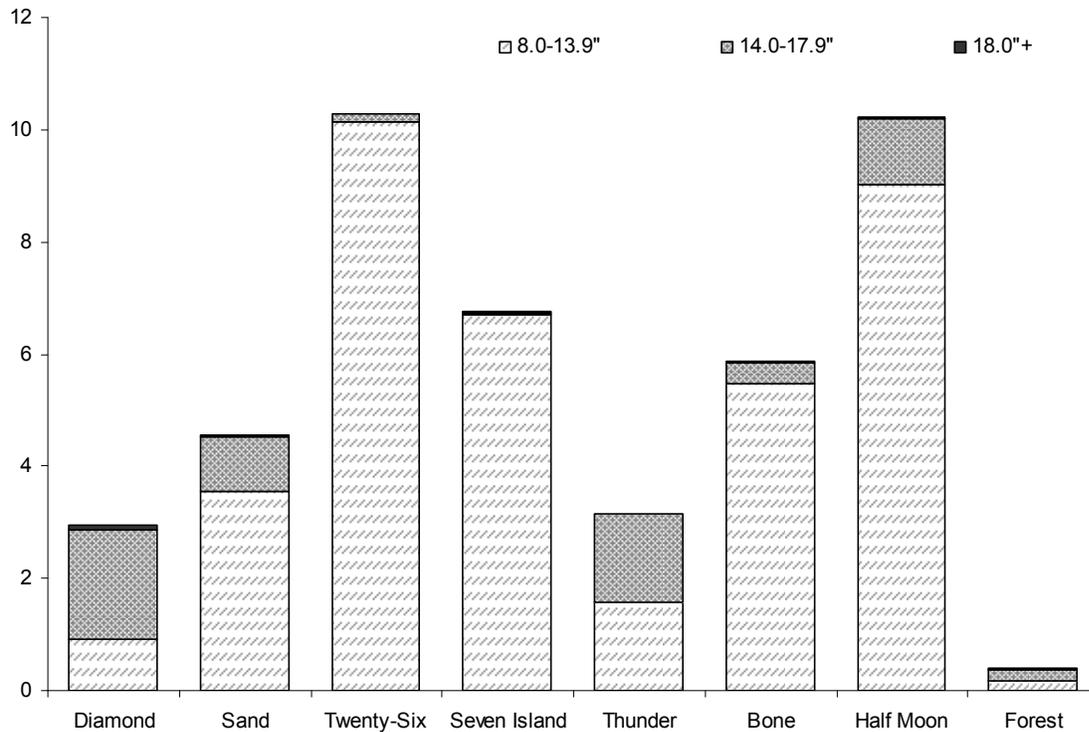


Figure 14. Largemouth bass population densities (fish ≥ 8.0") by size range for lakes sampled in the Wisconsin Ceded Territory in spring 2006.

Creel Surveys

In 2006-2007 (May through March), creel surveys were conducted for 16 lakes in 10 counties in which walleye population estimates were made during spring 2006 (Appendix D). Creel surveys were conducted on lakes ranging in size from 154 acres (Sparkling Lake, Vilas Co.) to 6,300 acres (Lake Wissota, Chippewa Co.) across the Ceded Territory.

Overall Angler Effort

The mean total angler effort per acre in lakes 500 acres and larger (25.4 hours/acre) did not statistically differ from the effort recorded on lakes smaller than 500 acres (22.4 hours/acre) in 2006-2007 (t-test-equal variances $t = 0.41$, $df = 14$, $P = 0.69$). Since 1995 when random lake selection began, mean total angler effort has been significantly lower in large lakes (26.2 hours/ acre) than in small lakes (37.8 hours/ acre; t-test-unequal variances $t = -3.42$, $df = 158$, $P < 0.01$). No trend in total angler effort has been observed since 1995 across all lakes (GLM: $F_{(1; 235)} = 0.09$, $P = 0.77$). This finding is consistent with other studies and evaluations on angling pressure in Ceded Territory lakes (Cichosz 2009, Hansen 2008, Deroba et al. 2007, Hennessy 2005; Figure 15).

Walleye Effort, Catch and Exploitation

Directed effort is defined as hours reported by anglers fishing for a specific species, and averaged 7.8 hours/acre for walleye in surveyed lakes during the 2006-07 angling season. Directed walleye effort in lakes sustained by natural reproduction (9.4 hours/ acre) was significantly higher than in those lakes sustained by stocking (5.0 hours/ acre; t-test-unequal variances, $t = 2.58$, $df = 12.5$, $P = 0.02$). Directed effort was higher in large lakes (≥ 500 ac., 8.94 hours/ acre) than in small lakes (< 500 ac., 5.80 hours/acre) surveyed during the 2006-07 angling season although this difference was not statistically significant (t-test-equal variances, $t = 1.41$, $df = 14$, $P = 0.18$). Overall directed angler effort (hours/acre) for walleye has declined since 1995 (Slope = -0.36, $F_{(1;235)} = 7.16$, $P < 0.01$; Figure 16).

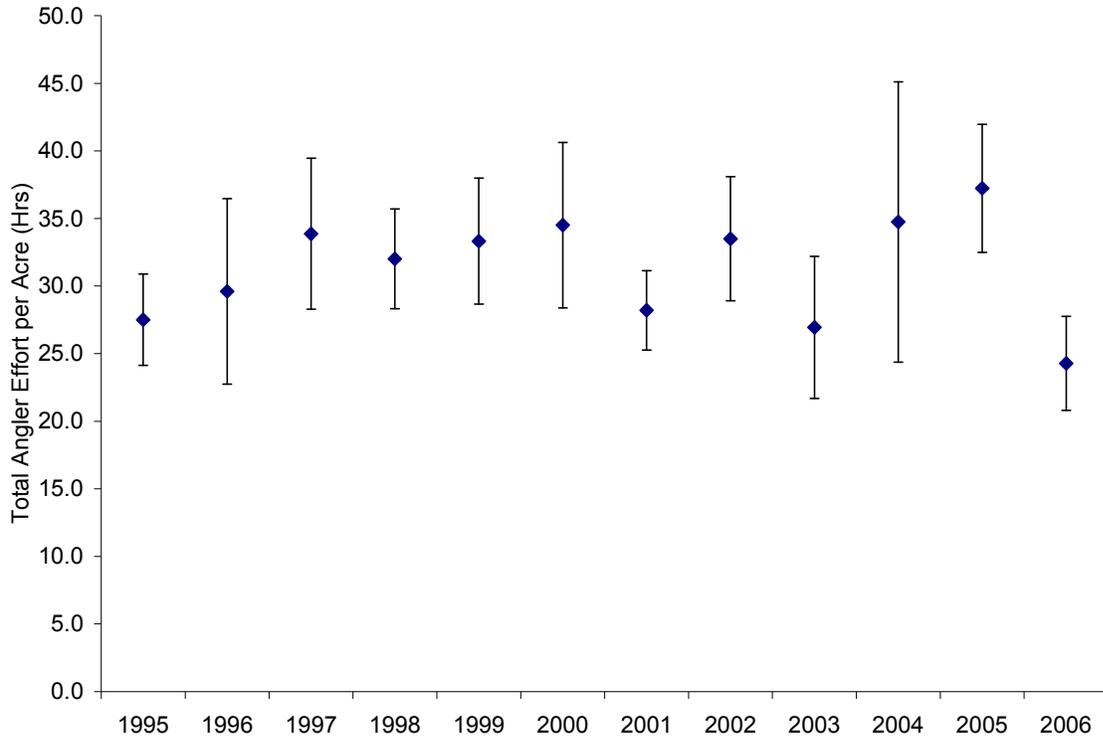


Figure 15. Average total angler effort per acre (\pm SE) in Wisconsin Ceded Territory lakes where WDNR conducted creel surveys, 1995-2006.

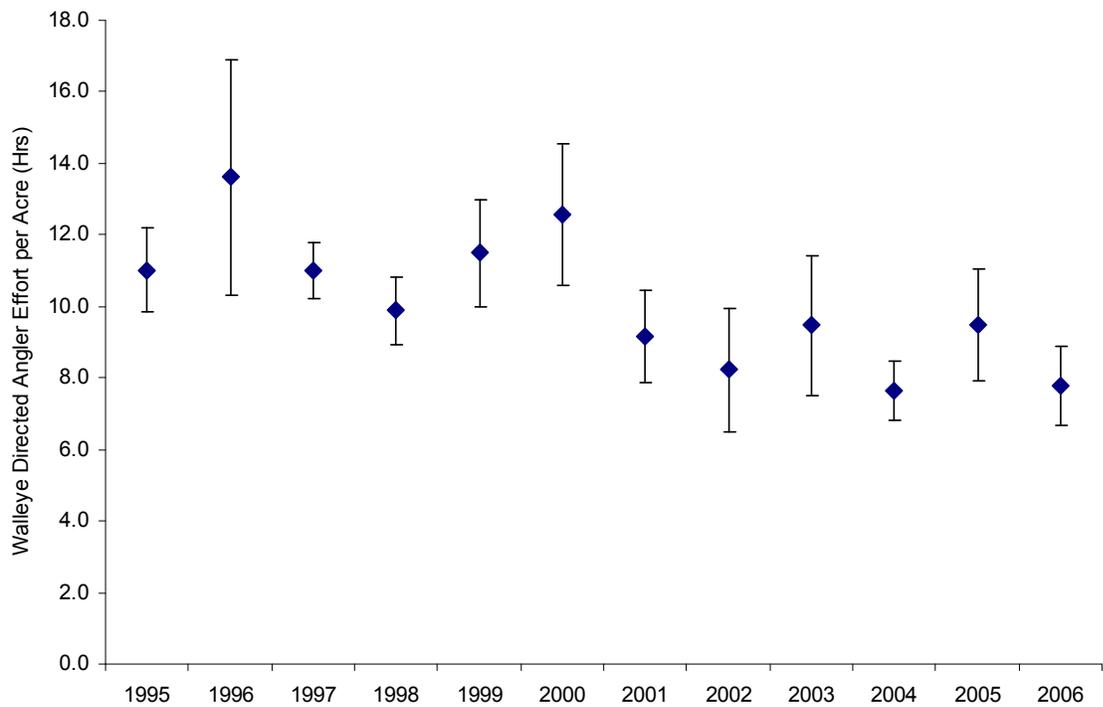


Figure 16. Directed angler effort per acre (\pm SE) for walleye in Wisconsin Ceded Territory lakes where WDNR conducted creel surveys, 1995-2006.

In 2006-07 the mean specific catch rates (SCR) was 0.24 walleye/hour of directed effort (1 fish per 4.7 hours of directed effort). In lakes with naturally sustained or stocked populations, respectively, mean SCRs were 0.32 walleye per hour (3.1 hours directed fishing/ walleye caught) and 0.09 walleye/hour (1 fish caught per 11.1 hours of directed effort). Specific harvest rates averaged 0.076 walleye/hour of directed effort (13.2 hours/walleye harvested) and ranged between 0.022 and 0.685 walleye/hour for individual lakes surveyed (Appendix D). Based on creel survey results, anglers harvested approximately 29% of all walleye caught during the 2006-07 season; this is the same as the average percentage estimated from 1995-2005 (range from 12-42%).

Between 1995 and 2006 a significant downward trend in SCR was observed (Figure 17; Slope = -0.011, $F_{(1, 235)} = 4.94$, $P = 0.03$); this was the second year in which this trend was observed and statistically relevant (see Cichosz 2009). Although statistically relevant this trend appears driven by relatively high catch rates estimated in 1996 and 1997; with a slope very near zero, there is likely no biological or other relevance to this trend. No discernable trend was noted for specific harvest rate by year since 1995 ($F_{(1, 235)} = 0.38$, $P = 0.53$) for walleye in the Wisconsin Ceded Territory (Figure 17).

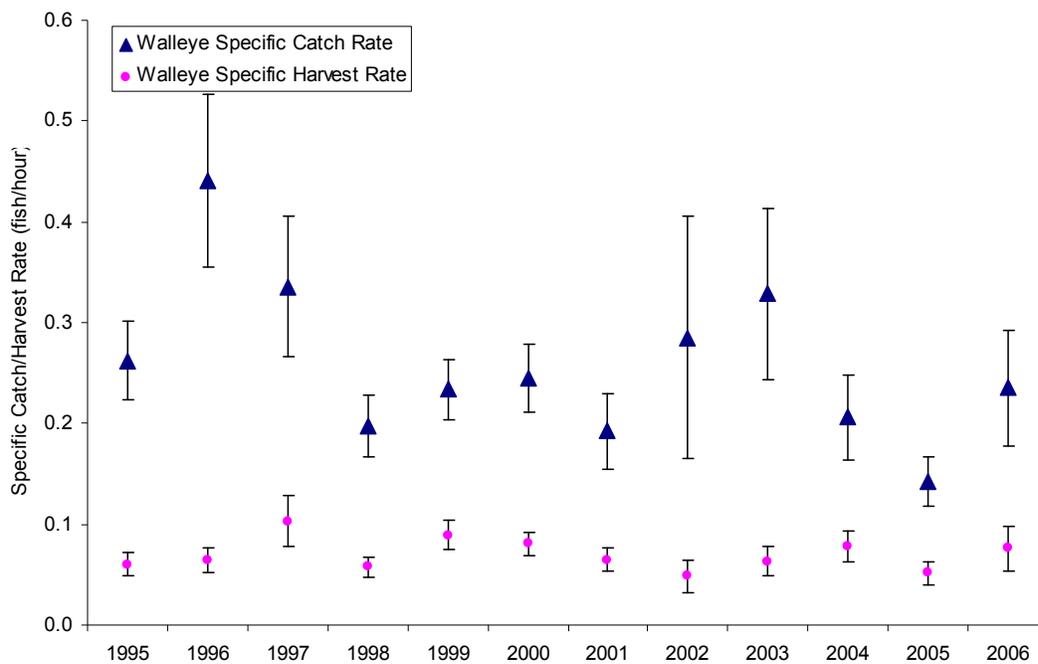


Figure 17. Specific catch and harvest rates (\pm SE) for walleye in surveyed lakes in the Wisconsin Ceded Territory, 1995-2006. Specific catch or harvest rate is number of walleye caught or harvested divided by time spent fishing specifically for walleye.

Walleye exploitation rates were estimated for 16 lakes during 2006-07 (Table 6; Appendix H). Estimated total (angler + tribal) exploitation of walleye ranged from <1% to 30.0%. Angler exploitation of walleyes in various size classes showed a similar range with exploitation of walleye 14" or longer ranging from 0% to 28% whereas that of walleyes 20" or longer ranged from 0.0% to 29.5%. Tribal exploitation of walleyes ranged from 0 % to 30% across all lakes and exceeded the estimate of angler exploitation in six lakes (Diamond, Sand, L. Lucerne, Manson, Half Moon and Grindstone; Table 6). Based on 2006-07 survey results angler exploitation of walleye populations was estimated as zero in one of 16 lakes surveyed; Three of the 16 lakes surveyed incurred no tribal exploitation of walleye.

Safe harvest limits are set so that over time there is less than a 1-in-40 chance that exploitation will exceed 35% in any given year on any single lake. During the 2006-07 harvest season no lakes surveyed had total exploitation rates exceeding 35%.

Table 6. Adult walleye exploitation rates by lake and harvest type for 2006, with comparison to 1995-2005 mean exploitation rates.

| Lake | County | Acres | Angler exploitation | Angler expl. ≥14" | Angler expl. ≥20" | Tribal expl. ¹ | Total adult exploitation |
|-----------------------|----------|-------|---------------------|-------------------|-------------------|---------------------------|--------------------------|
| Beaver Dam | Barron | 1,112 | 0.1087 | 0.1095 | 0.1829 | 0.0894 | 0.1981 |
| Diamond | Bayfield | 341 | 0.0000 | 0.0000 | 0.0000 | 0.2992 | 0.2992 |
| Sand | Burnett | 962 | 0.0825 | 0.0829 | 0.1111 | 0.1922 | 0.2747 |
| Wissota | Chippewa | 6,300 | 0.1457 | 0.0448 | 0.2951 | 0.0038 | 0.1495 |
| Amnicon | Douglas | 426 | 0.0045 | 0.0160 | 0.0309 | 0.0000 | 0.0045 |
| Lucerne | Forest | 1,026 | 0.0403 | 0.0419 | 0.1238 | 0.1073 | 0.1476 |
| Buckskin | Oneida | 634 | 0.1469 | 0.1438 | 0.0443 | 0.0240 | 0.1709 |
| Manson | Oneida | 236 | 0.0741 | 0.2791 | 0.2667 | 0.1738 | 0.2478 |
| North Nokomis | Oneida | 476 | 0.0977 | 0.1006 | 0.1432 | 0.0000 | 0.0977 |
| Half Moon | Polk | 579 | 0.0613 | 0.0622 | 0.0000 | 0.1195 | 0.1808 |
| Grindstone | Sawyer | 3,111 | 0.0437 | 0.0506 | 0.1217 | 0.1017 | 0.1454 |
| Big Portage | Vilas | 638 | 0.0510 | 0.0145 | 0.0000 | 0.0430 | 0.0940 |
| Lac Vieux Desert | Vilas | 4,300 | 0.0981 | 0.1452 | 0.1963 | 0.0567 | 0.1548 |
| Plum | Vilas | 1,033 | 0.0416 | 0.0361 | 0.1397 | 0.0486 | 0.0901 |
| Snipe | Vilas | 239 | 0.1358 | 0.1961 | 0.2483 | 0.0432 | 0.1790 |
| Sparkling | Vilas | 154 | 0.0078 | 0.0080 | 0.0345 | 0.0000 | 0.0078 |
| 2006 mean | | | 0.0712 | 0.0832 | 0.1212 | 0.0814 | 0.1526 |
| 1995-2005 mean | | | 0.0864 | 0.1059 | 0.1322 | 0.0441 | 0.1302 |

¹ Tribal harvest data used to calculate tribal exploitation provided by the Great Lakes Indian Fish and Wildlife Commission (Ngu 1995, Ngu 1996, Krueger 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007).

Muskellunge Effort and Catch

Each of the 16 lakes and chains surveyed in 2006 are classified as musky waters. Creel clerks recorded at least one musky caught from 10 of the 16 lakes surveyed (Appendix D). For the purpose of analyses and summarization of catch and effort, lakes not classified as musky waters and those without directed fishing effort were excluded even if limited numbers of musky were reported in creel surveys.

In general, the “action classification” assigned to lakes (WDNR 1996) is a better predictor of musky catch and effort than recruitment source or lake size to describe variability in catch and effort (Simonson and Hewett 1999). Analysis of variance was used to evaluate differences in angler catch/acre, specific catch rate, and directed effort across action classifications and timelines (2006 versus prior 10 year averages; Table 7). Angler catch, catch rate, and directed effort were not significantly different ($P > 0.40$ in all cases) between current and previous 10-yr. time periods when accounting for action classification (Table 7). There has been no observed trend in muskellunge directed effort (Linear regression; $F_{(1, 184)} = 0.10$, $P = 0.75$) or catch rates ($F_{(1, 184)} = 0.14$, $P = 0.70$) in the Ceded Territory since 1995 (Figure 18).

Table 7. Comparison of muskellunge catch and effort rates in 2006 and average values from 1996-2005, by musky lake classification.

| Class | Class Description | Lakes sampled | Angler catch/ acre | Specific catch rate (fish/ hour) | Directed effort (hours/ acre) | Mean density (PEs in sample) |
|--|---------------------------|----------------------|---------------------------|---|--------------------------------------|-------------------------------------|
| 2006 | | | | | | |
| A1 | Trophy waters | 4 | 0.10 | 0.028 | 2.64 | 0.11 (3) |
| A2 | Action waters | 4 | 0.59 | 0.048 | 9.76 | 1.00 (2) |
| B | Intermediate action/ size | 2 | 0.31 | 0.040 | 6.00 | 0.41 (2) |
| C | Low importance | 1 | 0.00 | 0.000 | 0.03 | --- (0) |
| Total | | 11 | 0.31 | 0.035 | 5.60 | 0.45 (7) |
| 1996-2005 Averages (Prior 10 years) | | | | | | |
| A1 | Trophy waters | 61 | 0.24 | 0.028 | 7.21 | 0.24 (18) |
| A2 | Action waters | 73 | 0.67 | 0.040 | 12.96 | 0.46 (15) |
| B | Intermediate action/ size | 19 | 0.23 | 0.037 | 5.35 | 0.28 (4) |
| C | Low importance | 9 | 0.03 | 0.006 | 1.54 | --- (0) |
| Total | | 162 | 0.42 | 0.033 | 9.27 | 0.34 (37) |

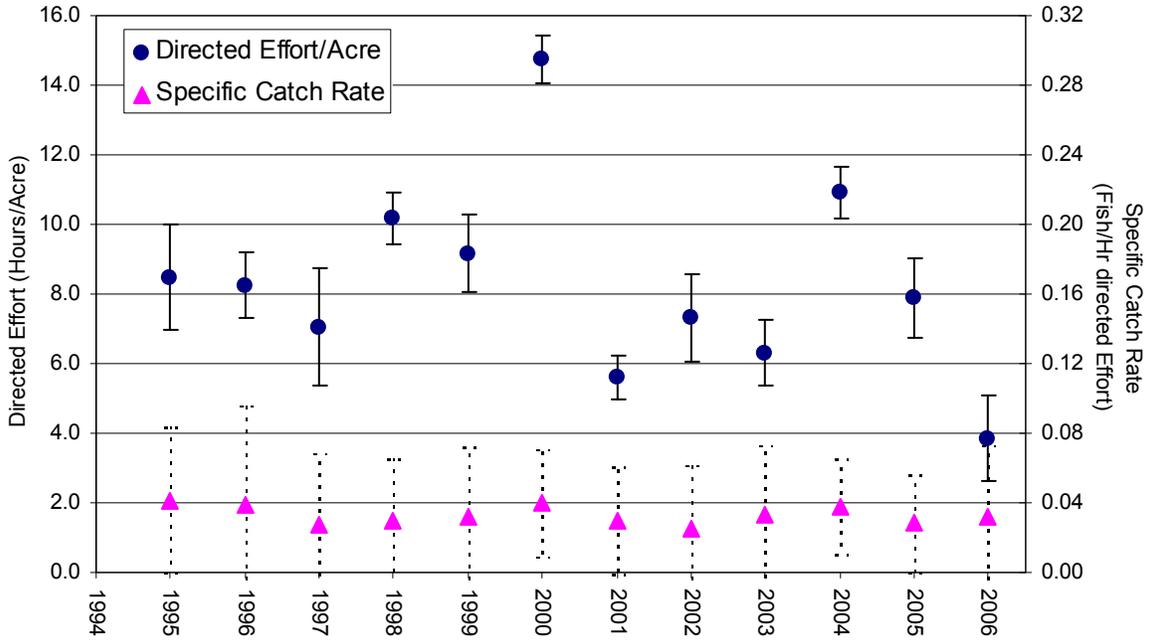


Figure 18. Directed angler effort per lake surface acre and specific catch rate (\pm SE) for muskellunge in surveyed lakes in the Wisconsin Ceded Territory, 1995-2006.

Northern Pike Effort and Catch

During the 2006-07 angling season anglers directed effort toward northern pike in 15 of 16 lakes surveyed, and catches of northern pike were recorded for 14 of the 16 lakes surveyed. No effort was directed at northern pike and none were caught from Sparkling Lake (Vilas County); In Snipe Lake (Vilas Co.) no northern pike were reported as caught in creel surveys although some anglers did direct effort toward the species (Appendix D). Of the 14 lakes with northern pike recorded, four were smaller than 500 acres and ten were 500 acres or larger in size (Table 8). Although differences in mean values appeared substantial for some variables, there were no significant differences between large and small lakes with regard to directed angler effort, specific catch rate, angler catch per acre, or specific harvest rate of northern pike during the 2006-07 angling season (Table 8). For northern pike harvest/acre in small lakes was the only creel metric evaluated which differed significantly between 2006 and the corresponding prior 10 year average (1996 -2005; Table 8).

Estimates of angler effort directed toward northern pike have been highly variable across years (Figure 19), and since 1995 there has not been a statistically detectable trend in directed angler effort for northern pike ($F_{(1, 219)} = 0.63$, $P = 0.43$). Specific catch rates of northern pike show a significant downward trend since 1995 although the slope (-0.007) of that trend is minimal ($F_{(1, 219)} = 4.56$, $P = 0.03$). Specific catch rates of pike have been variable over time and subsequent years of data will help to define if the observed downward trend is meaningful or long term.

Table 8. Mean estimates calculated from 2006 and 1996-2005 northern pike creel survey data.

| Year | Lake Size | N | Catch/Acre | Angler Harvest/Acre | Specific Catch Rate | Specific Harvest Rate | Directed Effort/Acre |
|-------------------------------|-------------|-----|------------|---------------------|---------------------|-----------------------|----------------------|
| 2006* | | | | | | | |
| | < 500 acres | 6 | 1.04 | 0.04** | 0.13 | 0.01 | 2.04 |
| | > 500 acres | 10 | 3.45 | 0.57 | 0.21 | 0.05 | 5.27 |
| | All lakes | 16 | 2.55 | 0.37 | 0.18 | 0.04 | 4.06 |
| 1996-2005 (prior 10 yr. avg.) | | | | | | | |
| | < 500 acres | 87 | 2.56 | 0.42 | 0.19 | 0.05 | 5.31 |
| | > 500 acres | 105 | 2.02 | 0.30 | 0.19 | 0.04 | 3.48 |
| | All lakes | 192 | 2.26 | 0.35 | 0.19 | 0.04 | 4.31 |

* No significant differences exist between large and small lakes for any parameter for the 2006-07 angling season (T-test, $p > 0.05$).

** 2006 values differ significantly (T-test, $p \leq 0.05$) from corresponding 10 yr. averages.

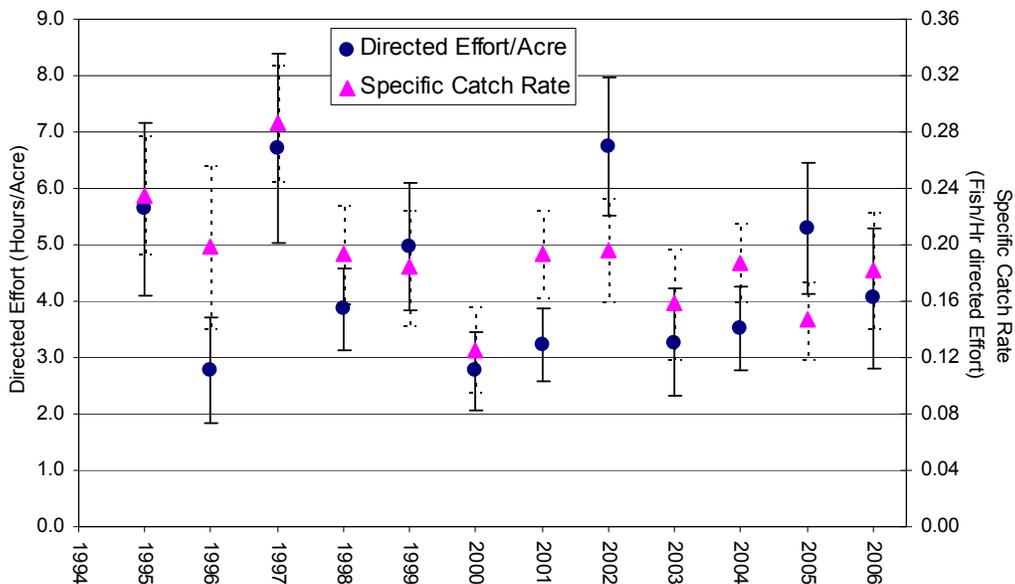


Figure 19. Directed angler effort per lake surface acre and specific catch rate (\pm SE) for northern pike in surveyed lakes in the Wisconsin Ceded Territory, 1995-2006.

Largemouth Bass Effort and Catch

Catches of largemouth bass were reported for 15 of the 16 lakes surveyed in 2006; fourteen of those lakes had at least some level of directed effort for largemouth bass (Appendix D). Of surveyed lakes with largemouth bass catch, six were smaller than 500 acres and ten were 500 acres or larger (Table 9). In 2006, there were no significant differences between large and small lakes with regard to directed (toward largemouth bass) angler effort, nor angler catch or harvest numbers or rates (T-tests, equal variance, $P > 0.05$). Of creel metrics evaluated no significant differences were found between 2006 values and the prior 10 year averages for either small, large, or all lakes combined (Table 9).

Both directed effort and specific catch rates of largemouth bass anglers in the Ceded Territory have been variable over time, and average directed effort and specific catch rates in surveyed lakes during 2006-07 were generally similar to values in other recent years (Figure 20). Since 1995 when a randomized lake selection process was instituted there has been a statistically detectable increase in specific catch rates ($F_{(1, 214)} = 15.16$, $P < 0.01$) in largemouth bass fishing in Wisconsin Ceded Territory lakes; there has been no detectable trend in directed angler effort over the same time period ($F_{(1, 214)} = 2.24$, $P = 0.14$; Figure 20).

Table 9. Mean estimates calculated from 2006 and 1996-2005 largemouth bass creel survey data.

| Year | Lake Size | N | Catch/ Acre | Angler Harvest/ Acre | Specific Catch Rate | Specific Harvest Rate | Directed Effort/ Acre |
|--------------------|------------------|----------|------------------------|-------------------------------------|--------------------------------|----------------------------------|----------------------------------|
| 2006* | | | | | | | |
| Small | < 500 acres | 6 | 2.58 | 0.07 | 0.34 | 0.01 | 3.12 |
| Large | > 500 acres | 10 | 5.30 | 0.16 | 0.43 | 0.01 | 5.05 |
| | All lakes | 16 | 4.28 | 0.13 | 0.40 | 0.01 | 4.32 |
| 1996-2005** | | | | | | | |
| Small | < 500 acres | 90 | 3.47 | 0.13 | 0.31 | 0.01 | 4.90 |
| Large | > 500 acres | 102 | 3.32 | 0.18 | 0.29 | 0.02 | 3.51 |

* No significant differences exist between large and small lakes for any parameter for the 2006-07 angling season (T-test, $p > 0.05$).

** No 2006 values differ significantly (T-test, $p \geq 0.05$) from corresponding 10 yr. averages.

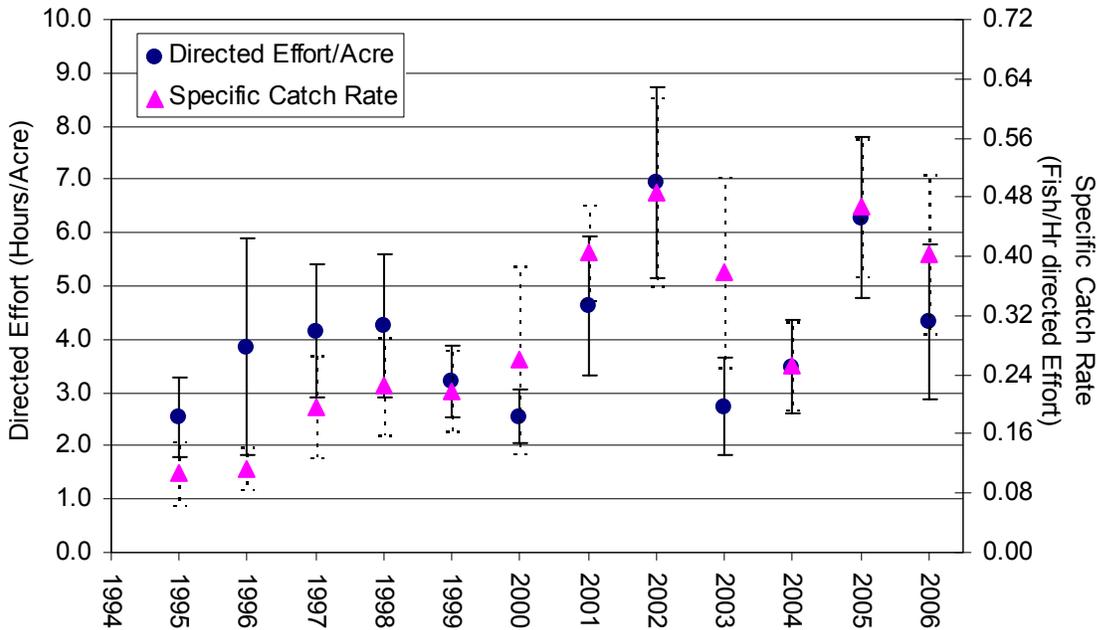


Figure 20. Directed angler effort per lake surface acre and specific catch rate (\pm SE) for largemouth bass in surveyed lakes in the Wisconsin Ceded Territory, 1995-2006.

Smallmouth Bass Effort and Catch

Catches of smallmouth bass were reported in each of the 16 lakes surveyed in 2006 although only 15 of the lakes had at least some level of directed effort for smallmouth bass (Appendix D). Of the 16 surveyed lakes with smallmouth bass catch in 2006, six were classified as 'small' (<500 ac.) and ten as 'large' (\geq 500 ac.; Table 10). There were no significant differences in directed angler effort, catch/acre, harvest/acre, specific catch rate or specific harvest rate (T-test, $P > 0.05$) between large or small lakes in 2006 (Table 10). Of creel metrics presented no significant differences were found between 2006 values and the prior 10 year averages for either small, large, or all lakes combined (Table 10).

Both directed effort and specific catch rates of smallmouth bass anglers in the Ceded Territory have been variable over time, and average directed effort and specific catch rates in surveyed lakes during 2006-07 were generally similar to values in most other years since 1995 (Figure 21). However, since 1995 when a randomized lake selection process was instituted there have been no statistically detectable trends in directed angler effort/acre ($F_{(1, 213)} = 0.59$, $P = 0.45$) or specific catch rates ($F_{(1, 213)} = 2.39$, $P = 0.12$) in smallmouth bass fishing in Wisconsin Ceded Territory lakes (Figure 21).

Table 10. Mean estimates calculated from 2006 and 1996-2005 smallmouth bass creel survey data.

| Year | Lake Size | N | Catch/ Acre | Angler Harvest/ Acre | Specific Catch Rate | Specific Harvest Rate | Directed Effort/ Acre |
|-------------|-------------|-----|----------------|----------------------------|------------------------|--------------------------|--------------------------|
| 2006* | | | | | | | |
| Small | < 500 acres | 6 | 4.34 | 0.05 | 0.54 | 0.01 | 4.22 |
| Large | > 500 acres | 10 | 2.31 | 0.07 | 0.33 | 0.01 | 3.51 |
| | All lakes | 16 | 3.07 | 0.06 | 0.41 | 0.01 | 3.77 |
| 1996-2005** | | | | | | | |
| Small | < 500 acres | 87 | 2.20 | 0.08 | 0.29 | 0.01 | 3.90 |
| Large | > 500 acres | 102 | 1.87 | 0.08 | 0.35 | 0.03 | 2.92 |
| | All lakes | 189 | 2.02 | 0.08 | 0.32 | 0.02 | 3.38 |

* No significant differences exist between large and small lakes for any parameter for the 2006-07 angling season (T-test, $p > 0.05$).

** No 2006 values differ significantly (T-test, $p \geq 0.05$) from corresponding 10 yr. averages.

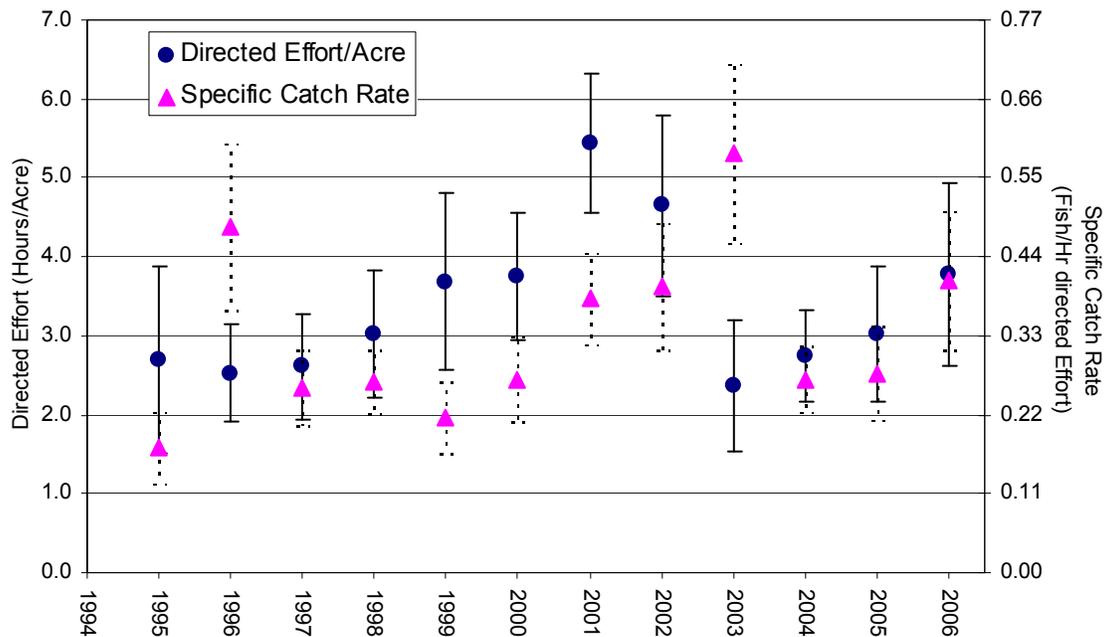


Figure 21. Directed angler effort per lake surface acre and specific catch rate (\pm SE) for smallmouth bass in surveyed lakes in the Wisconsin Ceded Territory, 1995-2006.

Safe Harvest

Safe harvest calculated for the 2006 harvest season was 94,135 walleye and 4,807 musky across the entire Wisconsin Ceded Territory (Table 11). Safe harvest of both walleye and musky has been shown to be highly correlated to the surface acreage of water found in each county (Linear regression, $r^2 > 0.9$; Cichosz 2009). For both walleye and musky the greatest total safe harvest numbers for individual counties were observed in Vilas (20,044 walleye, 1,355 musky), Oneida (18,722 walleye, 978 musky), Sawyer (11,194 walleye, 554 musky) and Iron (7,879 walleye, 351 musky) counties, respectively. When totaled, safe harvest from these four counties accounted for 61 percent of overall walleye and 67 percent of overall musky safe harvest for the Wisconsin Ceded Territory during 2006. Safe harvest numbers for individual lakes are listed in Appendix I.

Table 11. Calculated safe harvest levels and corresponding ranks for walleye and musky by county for the 2006 harvest season.

| County | Lake Acreage* | Total Calculated Safe Harvest | | Ranks (1 = Greatest #) | |
|--------------------|----------------|-------------------------------|--------------|------------------------|------------|
| | | Walleye | Musky | Walleye | Musky |
| Ashland | 2,861 | 354 | 92 | 20 | 22 |
| Barron | 13,160 | 1,995 | 38 | 8 | 11 |
| Bayfield | 12,935 | 3,792 | 138 | 9 | 8 |
| Burnett | 11,674 | 1,758 | 109 | 10 | 12 |
| Chippewa | 14,224 | 4,913 | 161 | 7 | 6 |
| Clark | 320 | 21 | 5 | 26 | 26 |
| Douglas | 6,116 | 1,560 | 48 | 15 | 13 |
| Dunn | 1,752 | 657 | | 22 | 18 |
| Eau Claire | 2,571 | 637 | 34 | 21 | 19 |
| Florence | 1,534 | 256 | | 23 | 23 |
| Forest | 10,993 | 1,401 | 54 | 12 | 15 |
| Iron | 24,722 | 7,879 | 351 | 4 | 4 |
| Langlade | 4,859 | 537 | 39 | 17 | 20 |
| Lincoln | 15,564 | 5,111 | 194 | 5 | 5 |
| Marathon | 9,442 | 2,034 | 56 | 13 | 10 |
| Marinette | 3,178 | 749 | 19 | 18 | 17 |
| Oconto | 2,980 | 453 | 23 | 19 | 21 |
| Oneida | 60,822 | 18,722 | 978 | 2 | 2 |
| Polk | 11,553 | 1,152 | 58 | 11 | 16 |
| Portage | 74 | 5 | | 27 | 27 |
| Price | 9,117 | 2,882 | 239 | 14 | 9 |
| Rusk | 5,633 | 1,501 | 125 | 16 | 14 |
| Sawyer | 47,787 | 11,194 | 554 | 3 | 3 |
| St. Croix | 1,100 | 237 | 20 | 25 | 24 |
| Taylor | 1,154 | 215 | 23 | 24 | 25 |
| Vilas | 70,464 | 20,044 | 1,355 | 1 | 1 |
| Washburn | 15,185 | 4,076 | 94 | 6 | 7 |
| Grand Total | 361,774 | 94,135 | 4,807 | --- | --- |

* Sum for lakes declared for potential harvest of one or both species; does not include total county-wide lake acreage.

Walleye Young-of-Year Surveys

Young of the year (YOY) surveys provide an index of the abundance and survival of the current year class of walleyes from hatching or stocking to their first fall. These surveys provide fisheries managers with insight into potential adult population changes in the near future. Early indication of these potential changes allows fisheries managers to develop management strategies to accommodate expected changes in adult populations. Although YOY relative abundance gives some indication of possible future adult abundance it does not necessarily correspond directly, as survival to adulthood varies (Hansen et al. 1998).

During 2006 WDNR completed 151 fall surveys encompassing 149 different lakes in the Wisconsin Ceded Territory; some lakes had multiple fall surveys conducted (Appendix G). Of the lakes sampled, 59 had walleye populations classified as sustained by naturally reproduction (recruitment codes NR, C-NR, or C-), and 39 as sustained by stocking (ST or C-ST), 21 as remnant or newly established populations (REM, O-ST, NR-2; Appendix C). Thirty lakes were classified as having no known walleye population (NONE/0). Water temperatures during 2006 YOY walleye surveys ranged from 40 - 70° F; mean and median water temperatures during YOY surveys were 58° and 59° F, respectively. Young-of-year walleye lengths ranged from 3.0 to 9.3 inches across all lakes and dates surveyed in 2006 (Appendix G).

Differences in mean YOY walleye density between natural and stocked recruitment categories was highly significant during 2006 (t-test-unequal variance, $t = 5.04$, $df = 67$, $P < 0.0001$). Consistent with all previous years since 1990, lakes sustained primarily by natural reproduction had higher mean walleye YOY density (mean = 31.1/mile of shoreline stocked, range = 0.0–178.8) than lakes sustained by stocking (mean = 2.9/mile, range = 0.0–42.2) during 2006 (Figure 22). The mean YOY walleye density observed in natural recruitment lakes during 2006 (31.1/mile) was comparable to the average across the previous 16 years studied (33.5/mile from 1990-2005; t-test-equal variance, $t = -0.38$, $df = 895$, $P = 0.70$). In contrast, the mean YOY walleye density observed in stocked lakes during 2006 (2.9/mile) was less than all but 1 of the previous 16 years studied (2004-2.8/mile) and was significantly less than the long term average (6.6/mile from 1990-2005; t-test-unequal variance, $t = -2.42$, $df = 66.6$, $P = 0.02$; Figure 22).

It appears that within the Wisconsin Ceded Territory there may be region-wide annual effects on walleye recruitment since mean recruitment varies dramatically from year to year when data from all lakes are combined (Figure 22); In the absence of an annual regional effect one might expect annual percentages to be similar across years. Lack of recruitment in a given lake for one or more years is natural and not necessarily alarming. Sporadic recruitment is common for walleye populations both within and among individual lakes. It is common to have almost complete lack of recruitment in 25% or more of lakes with natural reproduction, and year class failures are even more common in lakes with populations maintained by stocking. Generally, successful recruitment occurs in a given lake every 3-4 years a fact that may reduce competition between year classes of walleye (Li et al. 1996).

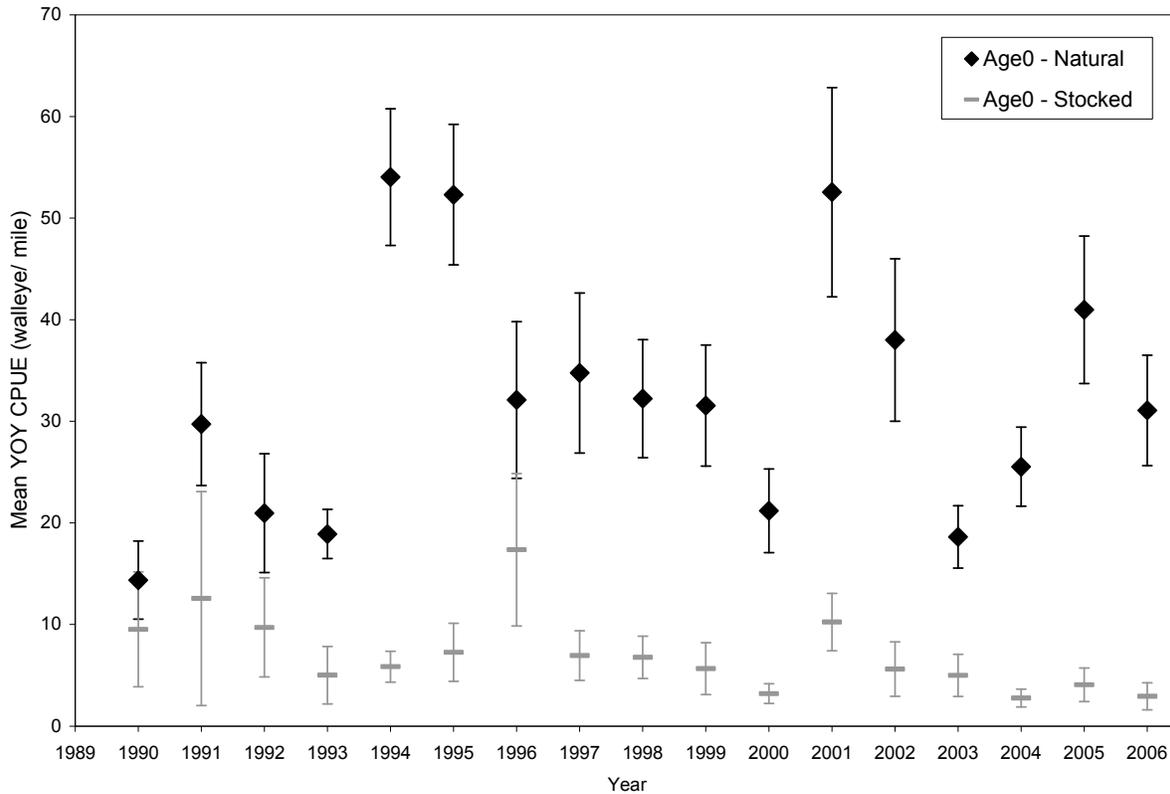


Figure 22. Comparison of mean YOY walleye density (\pm SE) observed in fall electrofishing surveys since 1990 in lakes dominated by natural recruitment or stocking.

A general linear model used to assess the impact of year and/or recruitment model on YOY walleye density was significant ($p < 0.0001$; Table 12). The significance of the model was driven by differences in YOY density between years ($p < 0.0001$), recruitment models (natural or stocked; $p < 0.0001$) and the interaction of year*recruitment model ($p = 0.0313$). Based on the significance of the year*recruitment model interaction term, regressions were done to evaluate trends independently for natural and stocked model lakes. No significant trend was noted for YOY densities over time in natural model lakes ($p = 0.91$; see Figure 22). YOY walleye densities have declined significantly over time in stocked model lakes since 1990 (slope = -0.45, $p = 0.0091$; see Figure 22).

Table 12. GLM results comparing YOY walleye density across years and primary walleye recruitment source.

| Source | DF | Sum of Squares | Mean Square | F Value | Pr > F |
|--------------------------------------|-------|--------------------|--------------------|----------------|------------------|
| Model | 33 | 384841 | 11662 | 7.99 | <0.0001 |
| Error | 1,435 | 2095560 | 1460 | | |
| | | | | | |
| | | Type III SS | Mean Square | F Value | Pr > F |
| Year | 16 | 53822 | 3364 | 2.30 | 0.0024 |
| Recruitment Model^a | 1 | 173272 | 173272 | 118.65 | <0.0001 |
| Year x Recruitment Model | 16 | 41151 | 2572 | 1.76 | 0.0313 |

a –Recruitment Models compared are 'natural' and 'stocked'.

The percentages of natural-model lakes with greater than 25 YOY walleye per mile and greater than 100 YOY walleye per mile are also used to indicate strong annual year classes in the Wisconsin Ceded Territory. These values are less affected by large values for individual lakes than the mean number of YOY walleye caught per mile. In 2006, 25/61 natural model lakes (41%) had YOY indices > 25 per mile, and four NR lakes (7%) had YOY walleye indices > 100 per mile (Appendix G). Overall, the proportion of lakes with YOY catch rates greater than 25 and 100 fish per mile in 2006 was comparable to the mean proportion of lakes observed with the same catch rates between 1990-2005 (mean percentage > 25 YOY/mi = 38%; >100/mi = 8%) illustrating the presence of average natural walleye year classes in the fall of 2006.

In lakes categorized as being sustained primarily by stocking, the mean number of YOY walleye captured per mile in lakes that were stocked (4.3 YOY/ mile) with fry or small fingerlings was not significantly greater than in lakes that were not stocked (1.9 YOY/ mile) in 2006 (t-test-equal variance, $t = -0.84$, $df = 35$, $P = 0.41$; Table 13). The mean value for un-stocked lakes may have been artificially inflated by an abnormally high values in Mineral Lake, Ashland County (30.6 YOY/mi). Few lakes (stocked or un-stocked) had YOY densities greater than 5/mile observed in 2006. Stocked lakes did however have stronger fall recruitment than those that were not stocked, illustrated by a lower percentage of surveys in which YOY were not found. In addition, the relatively high contribution of naturally produced walleye in some but not all C-ST lakes (e.g. Mineral Lake) supports the prior finding that, in general, a moderate natural year class of walleye was produced in 2006 in many lakes with natural recruitment.

Table 13. Young-of-the-year indices in lakes categorized as being sustained primarily by stocking (ST or C-ST), separated by whether or not the lake was stocked in 2006.

| | Stocked in 2006 | Not Stocked in 2006 |
|--------------------------|------------------------|----------------------------|
| No. Lakes | 18 | 19 |
| Mean YOY walleye/ mile | 4.3 | 1.9 |
| Q1/Median/Q3 | 0.0 / 0.7 / 4.6 | 0.0 / 0.0 / 0.1 |
| Lakes with 0 YOY/ mile | 5 (3%) | 12 (63%) |
| Lakes with <5 YOY/ mile | 14 (78%) | 17 (89%) |
| Lakes with <10 YOY/ mile | 16 (89%) | 17 (89%) |

The Hansen et al (2004) index of lake-wide YOY walleye density (fish/acre) for natural-model lakes ranged from 0.0–115.0 with a mean of 10.1 during 2006. In stocked-model lakes, the same index ranged from 0.0–12.0 YOY walleye/acre with a mean of 0.96. Within stocked-model lakes, those stocked prior to fall surveys logically had a greater average Hansen index value than lakes that were not stocked (1.32 Vs. 0.75, respectively). This is consistent with findings based on counts of YOY/mile observed in surveys and discussed above and generally indicates greater levels of recruitment in natural model lakes relative to stocked model lakes, and greater within the stocked model lakes greater recruitment in stocked versus un-stocked waters.

In 2006 surveys were conducted on 14 lakes that were previously stocked with oxytetracycline marked walleyes (Table 14). In eleven cases surveys were conducted in fall to examine age-0 walleye stocked or spawned in 2006; In the remaining 3 cases surveys were conducted in spring to examine age-1 walleye stocked or spawned in 2005. Most stocking events took place in the month of June. In general, the percent contribution of stocked (marked) fish tends to align with and support recruitment code designations for lakes monitored during 2006, with higher values in ST lakes, and lower values in C-ST and C-NR lakes.

It is important to note that since numbers of fish examined for OTC marks from any individual lake during any year is often limited, the percent contribution of marked fish observed does not always appear to align completely with a designated recruitment code. Therefore OTC sampling itself is not indicative of recruitment code designations, and is not considered in the designation process unless a minimum of 30 individual fish are sampled from the water body in question.

Table 14. Lakes stocked with oxytetracycline (OTC) marked fish sampled in 2006, number of sampled fish where OTC marks were noted on the otolith, and percent contribution of stocked fish to the total sample.

| County | Lake | Recruit Code* | WBIC | With OTC | Without OTC | Total | % Contrib. |
|----------|--------------------------|---------------|---------|----------|-------------|-------|------------|
| Polk | Big Butternut ** | ST | 2641000 | 50 | 0 | 50 | 100.0 |
| Rusk | Sand ** | C-ST | 2353600 | 26 | 23 | 49 | 53.1 |
| Washburn | Bass ** | C-ST | 2451300 | 0 | 0 | 0 | 0.0 |
| Barron | Bear | C-ST | 2105100 | 10 | 0 | 10 | 100.0 |
| Barron | Red Cedar | C-NR | 2109600 | 37 | 14 | 51 | 72.5 |
| Forest | Butternut | C-NR | 692400 | 7 | 92 | 99 | 7.1 |
| Oneida | Lake Julia (Three Lakes) | C-ST | 1614300 | 11 | 23 | 34 | 32.4 |
| Oneida | Lower Kaubashine | ST | 1534800 | 0 | 1 | 1 | 0.0 |
| Oneida | Sevenmile | C-ST | 1605800 | 51 | 5 | 56 | 91.1 |
| Oneida | Tomahawk | C-ST | 1542700 | 58 | 4 | 62 | 93.5 |
| Vilas | Big St Germain | C-NR | 1591100 | 53 | 49 | 102 | 52.0 |
| Vilas | Deerskin | ST | 1601300 | 3 | 0 | 3 | 100.0 |
| Vilas | Sparkling | C-ST | 1881900 | 49 | 0 | 49 | 100.0 |
| Vilas | Towanda | ST | 1022900 | 1 | 0 | 1 | 100.0 |

* Recruitment codes C-ST, ST, & 0-ST are in the stocked model. Recruitment code C-NR is in the natural model (Appendix C).

** Lakes were sampled in spring and examined age 1 walleye stocked/spawned the prior year.

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APPENDICES

Appendix A. WDNR Lake Sampling Rotation 2006-2011.

| YEAR | TREATY UNIT | MWBC | COUNTY | LAKE | AREA | CURRENT MODEL | # LAKES | ROTATION |
|--------------|-----------------|---------|----------|----------------------------|---------------|---------------|-----------|----------|
| 2006 | Spooner | 2897100 | BAYFIELD | DIAMOND | 341 | S | 1 | TREND |
| 2006 | Spooner | 2391200 | SAWYER | GRINDSTONE | 3,111 | N | 1 | TREND |
| 2006 | Spooner | 2152800 | Chippewa | L Wissota | 6,300 | N | 1 | Spatial |
| 2006 | Spooner | 2495100 | Burnett | Sand | 962 | 0-ST | 1 | Spatial |
| 2006 | Spooner | 2081200 | Barron | Beaver Dam | 1,112 | S | 1 | Spatial |
| 2006 | Spooner | 2621100 | Polk | Half Moon | 579 | S | 1 | Spatial |
| 2006 | Spooner | 2858100 | Douglas | Amnicon | 426 | N | 1 | Spatial |
| TOTAL | Spooner | | | | 12831 | | 7 | |
| 2006 | Woodruff | 1018500 | VILAS | SNIPE | 239 | N | 1 | TREND |
| 2006 | Woodruff | 1592400 | VILAS | PLUM | 1,033 | N | 1 | TREND |
| 2006 | Woodruff | 1631900 | Vilas | Lac Vieux Desert | 4,300 | N | 1 | Spatial |
| 2006 | Woodruff | 1595800 | Oneida | N Nokomis | 476 | S | 1 | Spatial |
| 2006 | Woodruff | 1881900 | Vilas | Sparkling | 154 | S | 1 | Spatial |
| 2006 | Woodruff | 1517200 | Oneida | Manson | 236 | N | 1 | Spatial |
| 2006 | Woodruff | 1629500 | Vilas | Big Portage | 638 | N | 1 | Spatial |
| 2006 | Woodruff | 2272600 | Oneida | Buckskin | 634 | S | 1 | Spatial |
| 2006 | Woodruff | 396500 | Forest | L Lucerne | 1,026 | S | 1 | Spatial |
| TOTAL | Woodruff | | | | 8,736 | | 9 | |
| 2006 | TOTAL | | | | 21,567 | | 16 | |
| 2007 | Spooner | 2678100 | BURNETT | LIPSETT | 393 | S | 1 | TREND |
| 2007 | Spooner | 2742100 | BAYFIELD | MIDDLE EAU CLAIRE | 902 | N | 1 | TREND |
| 2007 | Spooner | 2900200 | Bayfield | L Owen | 1,323 | S | 1 | Spatial |
| 2007 | Spooner | | Douglas | Lower Eau Claire/Cranberry | 860 | N | 2 | Spatial |
| 2007 | Spooner | 2393200 | Sawyer | Sand | 928 | S | 1 | Spatial |
| 2007 | Spooner | 2706800 | Burnett | Big McKenzie | 1,185 | S | 1 | Spatial |
| 2007 | Spooner | 2306300 | Iron | Spider | 352 | N | 1 | Spatial |
| 2007 | Spooner | 2624600 | Polk | Magnor | 224 | S | 1 | Spatial |
| 2007 | Spooner | 2618000 | Polk | Wapogasset | 1,186 | S | 1 | Spatial |
| TOTAL | Spooner | | | | 7,353 | | 10 | |
| 2007 | Woodruff | 394400 | FOREST | L METONGA | 1,991 | S | 1 | TREND |
| 2007 | Woodruff | 2331600 | VILAS | TROUT | 3,816 | S | 1 | TREND |
| 2007 | Woodruff | | Vilas | Twin L Chain | 3,430 | N | 2 | Spatial |
| 2007 | Woodruff | 1482400 | Lincoln | Tug | 151 | N | 1 | Spatial |
| 2007 | Woodruff | 1545300 | Vilas | Little Arbor Vitae | 534 | N | 1 | Spatial |
| 2007 | Woodruff | | Oneida | Moen Chain | 1,172 | N | 5 | Spatial |
| 2007 | Woodruff | 677100 | Florence | Fay | 247 | S | 1 | Spatial |
| TOTAL | Woodruff | | | | 11,341 | | 12 | |
| 2007 | TOTAL | | | | 18,694 | | 22 | |

| YEAR | TREATY UNIT | MWBC | COUNTY | LAKE | AREA | CURRENT MODEL | # LAKES | ROTATION |
|--------------|-----------------|---------|----------|-------------------------|---------------|---------------|------------|----------|
| 2008 | Spooner | 2949200 | IRON | PINE | 312 | N | 1 | TREND |
| 2008 | Spooner | 2620600 | POLK | BALSAM | 2,054 | S | 1 | TREND |
| 2008 | Spooner | | Burnett | Yellow/Little Yellow | 2,635 | N | 2 | Spatial |
| 2008 | Spooner | 2704200 | Sawyer | Nelson | 2,503 | S | 1 | Spatial |
| 2008 | Spooner | 2105100 | Barron | Bear | 1,358 | S | 1 | Spatial |
| 2008 | Spooner | 2882300 | Bayfield | Siskiwit | 330 | N | 1 | Spatial |
| 2008 | Spooner | 2693700 | Douglas | Bond | 292 | N | 1 | Spatial |
| 2008 | Spooner | 2435700 | Sawyer | Spider | 1,454 | S | 1 | Spatial |
| TOTAL | Spooner | | | | 10,938 | | 9 | |
| 2008 | Woodruff | 1588200 | ONEIDA | TWO SISTERS | 719 | N | 1 | TREND |
| 2008 | Woodruff | | VILAS | BIG ARBOR VITAE | 1,090 | N | 1 | TREND |
| 2008 | Woodruff | 1528300 | Oneida | Willow FI | 5,135 | N | 1 | Spatial |
| 2008 | Woodruff | 1605800 | Oneida | Sevenmile | 503 | S | 1 | Spatial |
| 2008 | Woodruff | 2954800 | Vilas | Oxbow | 511 | N | 1 | Spatial |
| 2008 | Woodruff | | Vilas | Cisco Chain | 1,539 | N | 3 | Spatial |
| 2008 | Woodruff | 683000 | Forest | Stevens | 297 | S | 1 | Spatial |
| 2008 | Woodruff | 439800 | Oconto | Wheeler | 293 | N | 1 | Spatial |
| TOTAL | Woodruff | | | | 10,087 | | 10 | |
| 2008 | TOTAL | | | | 21,025 | | 19 | |
| 2009 | Spooner | 2897100 | BAYFIELD | DIAMOND | 341 | S | 1 | TREND |
| 2009 | Spooner | 2391200 | SAWYER | GRINDSTONE | 3,111 | N | 1 | TREND |
| 2009 | Spooner | 2294900 | Iron | Turtle-Flambeau | 13,545 | N | 1 | Spatial |
| 2009 | Spooner | 2295200 | Iron | Trude | 781 | N | 1 | Spatial |
| 2009 | Spooner | 2676800 | Burnett | Big Sand | 1,400 | 0-ST | 1 | Spatial |
| 2009 | Spooner | 1881100 | Barron | Silver | 337 | N | 1 | Spatial |
| 2009 | Spooner | 2747300 | Douglas | Upper St. Croix | 855 | N | 1 | Spatial |
| TOTAL | Spooner | | | | 20,370 | | 7.0 | |
| 2009 | Woodruff | 1018500 | VILAS | SNIPE | 239 | N | 1 | TREND |
| 2009 | Woodruff | 1592400 | VILAS | PLUM | 1,033 | N | 1 | TREND |
| 2009 | Woodruff | | Oneida | Tomahawk/Minocqua Chain | 5,805 | S | 5 | Spatial |
| 2009 | Woodruff | | Vilas | Palmer/Tenderfoot | 1,072 | S / N | 2 | Spatial |
| 2009 | Woodruff | 1515400 | Lincoln | L Mohawksin | 1,910 | N | 1 | Spatial |
| TOTAL | Woodruff | | | | 10,059 | | 10 | |
| 2009 | TOTAL | | | | 30,429 | | 17 | |

| YEAR | TREATY UNIT | MWBC | COUNTY | LAKE | AREA | CURRENT MODEL | # LAKES | ROTATION |
|--------------|-----------------|---------|----------|--------------------|---------------|---------------|-----------|----------|
| 2010 | Spooner | 2678100 | BURNETT | LIPSETT | 393 | S | 1 | TREND |
| 2010 | Spooner | 2742100 | BAYFIELD | MIDDLE EAU CLAIRE | 902 | N | 1 | TREND |
| 2010 | Spooner | | Bayfield | Pike Lake Chain | 714 | N | 4 | Spatial |
| 2010 | Spooner | | Sawyer | Round/Little Round | 3,283 | N | 2 | Spatial |
| 2010 | Spooner | 2492100 | Douglas | Red | 258 | 0-ST | 1 | Spatial |
| 2010 | Spooner | 2382300 | Sawyer | Barber | 238 | S | 1 | Spatial |
| 2010 | Spooner | 2393500 | Sawyer | Sissabagama | 719 | N | 1 | Spatial |
| 2010 | Spooner | 2303500 | Iron | Long | 396 | S | 1 | Spatial |
| 2010 | Spooner | 1884100 | Washburn | Stone | 523 | N | 1 | Spatial |
| TOTAL | Spooner | | | | 7,426 | | 13 | |
| 2010 | Woodruff | 394400 | FOREST | L METONGA | 1,991 | S | 1 | TREND |
| 2010 | Woodruff | 2331600 | VILAS | TROUT | 3,816 | S | 1 | TREND |
| 2010 | Woodruff | 1595300 | Oneida | Rainbow Fl | 2,035 | N | 1 | Spatial |
| 2010 | Woodruff | | Vilas | Turtle Chain | 945 | N | 2 | Spatial |
| 2010 | Woodruff | 1855900 | Vilas | Jag | 158 | N | 1 | Spatial |
| 2010 | Woodruff | 1569600 | Oneida | George | 435 | N | 1 | Spatial |
| 2010 | Woodruff | 1564200 | Oneida | Crescent | 612 | N | 1 | Spatial |
| TOTAL | Woodruff | | | | 9,992 | | 8 | |
| 2010 | TOTAL | | | | 17,418 | | 21 | |
| 2011 | Spooner | 2949200 | IRON | PINE | 312 | N | 1 | TREND |
| 2011 | Spooner | 2620600 | POLK | BALSAM | 2,054 | S | 1 | TREND |
| 2011 | Spooner | 2399700 | Sawyer | L Chippewa | 15,300 | N | 1 | Spatial |
| 2011 | Spooner | 1841300 | Sawyer | Clear | 77 | 0-ST | 1 | Spatial |
| 2011 | Spooner | 2046500 | Sawyer | Windfall | 102 | N | 1 | Spatial |
| 2011 | Spooner | 2767100 | Bayfield | Long | 263 | S | 1 | Spatial |
| 2011 | Spooner | 2914800 | Ashland | English | 244 | S | 1 | Spatial |
| TOTAL | Spooner | | | | 18,352 | | 7 | |
| 2011 | Woodruff | 1588200 | ONEIDA | TWO SISTERS | 719 | N | 1 | TREND |
| 2011 | Woodruff | | VILAS | BIG ARBOR VITAE | 1,090 | N | 1 | TREND |
| 2011 | Woodruff | 1579900 | Oneida | Pelican | 3,585 | N | 1 | Spatial |
| 2011 | Woodruff | | Oneida | Rhineland Chain | 2,059 | N | 4 | Spatial |
| 2011 | Woodruff | 1591100 | Vilas | Big St. Germain | 1,617 | S | 1 | Spatial |
| 2011 | Woodruff | | Vilas | Ballard Chain | 1,025 | N | 3 | Spatial |
| 2011 | Woodruff | 417400 | Oconto | Archibald | 430 | S | 1 | Spatial |
| 2011 | Woodruff | 1630100 | Vilas | Black Oak | 584 | S | 1 | Spatial |
| TOTAL | Woodruff | | | | 11,109 | | 13 | |
| 2011 | TOTAL | | | | 29,461 | | 20 | |

Appendix B. Reduced daily bag limits for walleye angling, based on Tribal Declarations as percentage of safe harvest. Reprinted from Wisconsin Administrative Code (NR 20.36).

| Daily bag limit | Current population estimate | Population estimate made 1-2 years ago | Population estimate made 3 years ago or more or regression model |
|-----------------|-----------------------------|--|--|
| 4 | 1-7 | 1-14 | 1-20 |
| 3 | 8-18 | 15-39 | 21-54 |
| 2 | 19-36 | 40-76 | 55-84 |
| 1 | 37-68 | 77-94 | 85-94 |
| 0 | 69 or more | 95 or more | 95 or more |

Appendix C. Walleye Recruitment Code Descriptions (primary source of walleye recruitment; U.S. Department of the Interior, 1991).

| Recruitment Code ¹ | Recruitment Model ² | Description |
|-------------------------------|--------------------------------|--|
| blank | None | unknown |
| NONE/ O | None | No walleye are present |
| REM | Remnant | Stocking provides the only source of recruitment but was discontinued. The stock is expected to disappear at some time in the future. |
| 0-ST | Remnant | Stocking provides the only source of recruitment but was initiated only recently and has not yet resulted in a harvestable population of adults. |
| ST | Stocked | Stocking provides the only source of recruitment and is consistent enough to result in a multi-year class adult population. |
| C-ST | Stocked | Stocking provides the primary source of recruitment but some natural reproduction occurs and may augment the adult population. |
| C- | Natural | Natural reproduction and stocking provide more or less equal recruitment to the adult population. |
| C-NR | Natural | Natural reproduction is adequate to sustain the population even though the lake is being stocked. |
| NR | Natural | Natural reproduction only; consistent enough to result in multi-year class adult populations. |
| NR-2 | Remnant | Natural reproduction only; inconsistent, results in missing year classes. |

1 Recruitment Code = Designation of the *primary* recruitment source and done by a technical working group.

2 Recruitment Model is used for data analysis and groups various recruitment codes into one of three categories.

Appendix D. Creel Survey Summaries.

Walleye

| County | Lake | MWBIC | Acres | WAE Recruit Code | Initial WEBag | Final WEBag | WESz | Adult PE | Adult PE/ Acre | Angler Catch | Angler Catch/ Acre | Angler Harvest | Angler Harvest/ Acre | Specific Catch Rate | Specific Harvest Rate | # Fish Measured | Mean Length | General Catch Rate | General Harvest Rate |
|----------|------------------|---------|-------|------------------|---------------|-------------|----------------|----------|----------------|--------------|--------------------|----------------|----------------------|---------------------|-----------------------|-----------------|-------------|--------------------|----------------------|
| Barron | Beaver Dam | 2081200 | 1112 | C-ST | 3 | 3 | 15 | 761 | 0.68 | 314 | 0.28 | 72 | 0.06 | 0.0222 | 0.0107 | 3 | 17.2 | 0.0086 | 0.0020 |
| Bayfield | Diamond | 2897100 | 341 | C-NR | 2 | 2 | 15, 20-28 slot | 391 | 1.15 | 69 | 0.20 | 0 | 0.00 | 0.0632 | | 0 | | 0.0221 | |
| Burnett | Sand | 2495100 | 962 | ST | 3 | 3 | 15 | 307 | 0.32 | 92 | 0.10 | 63 | 0.07 | 0.0269 | 0.0251 | 12 | 19.6 | 0.0071 | 0.0048 |
| Chippewa | Wissota | 2152800 | 6300 | NR | 3 | 3 | 14-18 slot | 13017 | 2.07 | 35166 | 5.58 | 10106 | 1.60 | 0.6848 | 0.1977 | 572 | 12.6 | 0.3362 | 0.0966 |
| Douglas | Amnicon | 2858100 | 426 | C-NR | 2 | 3 | 15 | 1239 | 2.91 | 226 | 0.53 | 21 | 0.05 | 0.1106 | 0.0087 | 7 | 18.0 | 0.0222 | 0.0020 |
| Polk | Half Moon | 2621100 | 579 | ST | 3 | 3 | 15 | 318 | 0.55 | 180 | 0.31 | 71 | 0.12 | 0.0346 | 0.0176 | 16 | 18.1 | 0.0084 | 0.0033 |
| Sawyer | Grindstone | 2391200 | 3111 | C-NR | 3 | 3 | 14-18 slot | 3500 | 1.13 | 3328 | 1.07 | 880 | 0.28 | 0.1946 | 0.0519 | 185 | 17.5 | 0.1049 | 0.0277 |
| Forest | Lucerne | 396500 | 1026 | C-ST | 2 | 2 | 18 | 904 | 0.88 | 770 | 0.75 | 101 | 0.10 | 0.1112 | 0.0145 | 22 | 19.8 | 0.0545 | 0.0072 |
| Oneida | Buckskin | 2272600 | 634 | C-NR | 3 | 3 | 1>14 | 3964 | 6.25 | 4538 | 7.16 | 1923 | 3.03 | 0.5866 | 0.2520 | 513 | 11.6 | 0.2042 | 0.0865 |
| Oneida | Manson | 1517200 | 236 | C-NR | 3 | 3 | 15 | 305 | 1.29 | 173 | 0.73 | 36 | 0.15 | 0.0432 | 0.0115 | 11 | 20.0 | 0.0142 | 0.0030 |
| Oneida | North Nokomis | 1595800 | 476 | ST | 3 | 3 | 15 | 1411 | 2.96 | 325 | 0.68 | 164 | 0.34 | 0.1006 | 0.0514 | 49 | 18.8 | 0.0366 | 0.0185 |
| Vilas | Big Portage | 1629500 | 638 | NR | 3 | 3 | 14-18 slot | 3186 | 4.99 | 4220 | 6.61 | 1561 | 2.45 | 0.5005 | 0.1863 | 244 | 13.6 | 0.4709 | 0.1742 |
| Vilas | Lac Vieux Desert | 1631900 | 4300 | C-NR | 2 | 2 | 15 | 10505 | 2.44 | 13502 | 3.14 | 3062 | 0.71 | 0.1613 | 0.0368 | 233 | 17.3 | 0.0700 | 0.0159 |
| Vilas | Plum | 1592400 | 1033 | C-NR | 3 | 3 | 14-18 slot | 4490 | 4.35 | 3408 | 3.30 | 804 | 0.78 | 0.2403 | 0.0574 | 177 | 13.6 | 0.1264 | 0.0298 |
| Vilas | Snipe | 1018500 | 239 | NR | 3 | 3 | 15 | 1226 | 5.13 | 905 | 3.79 | 320 | 1.34 | 0.6160 | 0.2174 | 112 | 16.5 | 0.2928 | 0.1033 |
| Vilas | Sparkling | 1881900 | 154 | C-ST | 1 | 1 | 28 | 664 | 4.31 | 132 | 0.86 | 3 | 0.02 | 0.2643 | 0.0000 | 1 | 28.0 | 0.0801 | 0.0017 |

Musky

| County | Lake | MWBIC | Acres | Musky Recruit Code | Size Limit | Angler Catch | Angler Catch/ Acre | Angler Harvest | Angler Harvest/ Acre | Specific Catch Rate | Specific Harvest Rate | # Fish Measured | Mean Length | General Catch Rate | General Harvest Rate |
|----------|------------------|---------|-------|--------------------|------------|--------------|--------------------|----------------|----------------------|---------------------|-----------------------|-----------------|-------------|--------------------|----------------------|
| Barron | Beaver Dam | 2081200 | 1112 | C-ST | 40 | 0 | 0.00 | 0 | 0.0000 | 0.0000 | 0.0000 | 0 | | 0.0000 | 0.0000 |
| Bayfield | Diamond | 2897100 | 341 | C-ST | 34 | 0 | 0.00 | 0 | 0.0000 | 0.0000 | 0.0000 | 0 | | 0.0000 | 0.0000 |
| Burnett | Sand | 2495100 | 962 | ST | 40 | 0 | 0.00 | 0 | 0.0000 | 0.0000 | 0.0000 | 0 | | 0.0000 | 0.0000 |
| Chippewa | Wissota | 2152800 | 6300 | NR | 34 | 1131 | 0.18 | 0 | 0.0000 | 0.0493 | 0.0000 | 0 | | 0.0132 | 0.0000 |
| Douglas | Amnicon | 2858100 | 426 | NR | 34 | 513 | 1.20 | 9 | 0.0211 | 0.1107 | 0.0023 | 3 | 36.03 | 0.0587 | 0.0010 |
| Polk | Half Moon | 2621100 | 579 | C- | 40 | 0 | 0.00 | 0 | 0.0000 | 0.0000 | 0.0000 | 0 | | 0.0000 | 0.0000 |
| Sawyer | Grindstone | 2391200 | 3111 | NR | 50 | 210 | 0.07 | 0 | 0.0000 | 0.0213 | 0.0000 | 0 | | 0.0080 | 0.0000 |
| Forest | Lucerne | 396500 | 1026 | C-ST | 34 | 0 | 0.00 | 0 | 0.0000 | 0.0000 | 0.0000 | 0 | | 0.0000 | 0.0000 |
| Oneida | Buckskin | 2272600 | 634 | C-ST | 40 | 181 | 0.29 | 0 | 0.0000 | 0.0500 | 0.0000 | 0 | | 0.0113 | 0.0000 |
| Oneida | Manson | 1517200 | 236 | NR | 34 | 140 | 0.59 | 0 | 0.0000 | 0.0333 | 0.0000 | 0 | | 0.0129 | 0.0000 |
| Oneida | North Nokomis | 1595800 | 476 | C-ST | 34 | 150 | 0.32 | 0 | 0.0000 | 0.0299 | 0.0000 | 0 | | 0.0189 | 0.0000 |
| Vilas | Big Portage | 1629500 | 638 | NR | 34 | 0 | 0.00 | 0 | 0.0000 | 0.0000 | 0.0000 | 0 | | 0.0000 | 0.0000 |
| Vilas | Lac Vieux Desert | 1631900 | 4300 | C-NR | 40 | 1956 | 0.45 | 0 | 0.0000 | 0.0328 | 0.0000 | 0 | | 0.0116 | 0.0000 |
| Vilas | Plum | 1592400 | 1033 | C-NR | 34 | 113 | 0.11 | 0 | 0.0000 | 0.0188 | 0.0000 | 0 | | 0.0050 | 0.0000 |
| Vilas | Snipe | 1018500 | 239 | C-NR | 34 | 26 | 0.11 | 0 | 0.0000 | 0.0137 | 0.0000 | 0 | | 0.0097 | 0.0000 |
| Vilas | Sparkling | 1881900 | 154 | NR | 40 | 8 | 0.05 | 0 | 0.0000 | 0.0219 | 0.0000 | 0 | | 0.0047 | 0.0000 |

Northern Pike

| County | Lake | MWBIC | Acres | Angler Catch | Angler Catch/ Acre | Angler Harvest | Angler Harvest/ Acre | Specific Catch Rate | Specific Harvest Rate | # Fish Measured | Mean Length | General Catch Rate | General Harvest Rate |
|----------|------------------|---------|-------|--------------|--------------------|----------------|----------------------|---------------------|-----------------------|-----------------|-------------|--------------------|----------------------|
| Barron | Beaver Dam | 2081200 | 1112 | 9458 | 8.51 | 2120 | 1.91 | 0.3596 | 0.1228 | 178 | 20.2 | 0.2053 | 0.0460 |
| Bayfield | Diamond | 2897100 | 341 | 798 | 2.34 | 0 | 0.00 | 0.4651 | | 1 | 26.0 | 0.2384 | |
| Burnett | Sand | 2495100 | 962 | 3276 | 3.41 | 195 | 0.20 | 0.4215 | 0.0337 | 37 | 22.1 | 0.2511 | 0.0149 |
| Chippewa | Wissota | 2152800 | 6300 | 2175 | 0.35 | 209 | 0.03 | 0.1040 | 0.0298 | 15 | 23.5 | 0.0297 | 0.0029 |
| Douglas | Amnicon | 2858100 | 426 | 3 | 0.01 | 0 | 0.00 | 0.0000 | 0.0000 | 0 | | 0.0006 | 0.0000 |
| Polk | Half Moon | 2621100 | 579 | 927 | 1.60 | 80 | 0.14 | 0.0947 | 0.0176 | 22 | 23.8 | 0.0432 | 0.0037 |
| Sawyer | Grindstone | 2391200 | 3111 | 291 | 0.09 | 96 | 0.03 | 0.0662 | 0.0518 | 29 | 26.6 | 0.0094 | 0.0031 |
| Forest | Lucerne | 396500 | 1026 | 283 | 0.28 | 42 | 0.04 | 0.1239 | 0.0252 | 15 | 24.9 | 0.0252 | 0.0037 |
| Oneida | Buckskin | 2272600 | 634 | 5720 | 9.02 | 493 | 0.78 | 0.3543 | 0.0809 | 144 | 19.2 | 0.2563 | 0.0221 |
| Oneida | Manson | 1517200 | 236 | 795 | 3.37 | 42 | 0.18 | 0.1255 | 0.0132 | 13 | 25.4 | 0.0653 | 0.0035 |
| Oneida | North Nokomis | 1595800 | 476 | 254 | 0.53 | 24 | 0.05 | 0.0686 | 0.0218 | 8 | 20.4 | 0.0314 | 0.0030 |
| Vilas | Big Portage | 1629500 | 638 | 3 | 0.00 | 3 | 0.00 | 0.0000 | 0.0000 | 1 | 22.1 | 0.0011 | 0.0011 |
| Vilas | Lac Vieux Desert | 1631900 | 4300 | 39672 | 9.23 | 8939 | 2.08 | 0.3950 | 0.1107 | 687 | 21.6 | 0.2070 | 0.0466 |
| Vilas | Plum | 1592400 | 1033 | 2056 | 1.99 | 509 | 0.49 | 0.1506 | 0.0590 | 150 | 21.0 | 0.0762 | 0.0189 |
| Vilas | Snipe | 1018500 | 239 | 0 | 0.00 | | 0.00 | 0.0000 | 0.0000 | 0 | | 0.0000 | 0.0000 |
| Vilas | Sparkling | 1881900 | 154 | 0 | 0.00 | | 0.00 | | | 0 | | | |

Smallmouth Bass

| County | Lake | MWBIC | Acres | Angler Catch | Angler Catch/ Acre | Angler Harvest | Angler Harvest/ Acre | Specific Catch Rate | Specific Harvest Rate | # Fish Measured | Mean Length | General Catch Rate | General Harvest Rate |
|----------|------------------|---------|-------|--------------|--------------------|----------------|----------------------|---------------------|-----------------------|-----------------|-------------|--------------------|----------------------|
| Barron | Beaver Dam | 2081200 | 1112 | 7442 | 6.69 | 172 | 0.1547 | 0.3664 | 0.0074 | 8 | 16.38 | 0.1948 | 0.0045 |
| Bayfield | Diamond | 2897100 | 341 | 382 | 1.12 | 13 | 0.0381 | 0.1564 | 0.0071 | 2 | 13.85 | 0.1274 | 0.0042 |
| Burnett | Sand | 2495100 | 962 | 23 | 0.02 | 0 | 0.0000 | 0.0000 | 0.0000 | 0 | | 0.0045 | 0.0000 |
| Chippewa | Wissota | 2152800 | 6300 | 20363 | 3.23 | 208 | 0.0330 | 0.6153 | 0.0039 | 7 | 16.43 | 0.2303 | 0.0024 |
| Douglas | Amnicon | 2858100 | 426 | 84 | 0.20 | 0 | 0.0000 | 0.1245 | 0.0000 | 0 | | 0.0152 | 0.0000 |
| Polk | Half Moon | 2621100 | 579 | 9 | 0.02 | 0 | 0.0000 | 0.0000 | 0.0000 | 0 | | 0.0038 | 0.0000 |
| Sawyer | Grindstone | 2391200 | 3111 | 6106 | 1.96 | 170 | 0.0546 | 0.0662 | 0.0518 | 27 | 16.34 | 0.0094 | 0.0031 |
| Forest | Lucerne | 396500 | 1026 | 8615 | 8.40 | 365 | 0.3558 | 0.9418 | 0.0433 | 74 | 14.97 | 0.6362 | 0.0269 |
| Oneida | Buckskin | 2272600 | 634 | 52 | 0.08 | 0 | 0.0000 | 0.2241 | 0.0000 | 0 | | 0.0044 | 0.0000 |
| Oneida | Manson | 1517200 | 236 | 2159 | 9.15 | 29 | 0.1229 | 0.6453 | 0.0100 | 6 | 14.77 | 0.1986 | 0.0027 |
| Oneida | North Nokomis | 1595800 | 476 | 393 | 0.83 | 3 | 0.0063 | 0.2525 | 0.0050 | 1 | 18.00 | 0.0535 | 0.0004 |
| Vilas | Big Portage | 1629500 | 638 | 842 | 1.32 | 9 | 0.0141 | 0.7136 | 0.0080 | 3 | 15.97 | 0.1090 | 0.0012 |
| Vilas | Lac Vieux Desert | 1631900 | 4300 | 450 | 0.10 | 0 | 0.0000 | 0.1143 | 0.0000 | 0 | | 0.0090 | 0.0000 |
| Vilas | Plum | 1592400 | 1033 | 1269 | 1.23 | 45 | 0.0436 | 0.2387 | 0.0071 | 5 | 19.50 | 0.0577 | 0.0020 |
| Vilas | Snipe | 1018500 | 239 | 437 | 1.83 | 4 | 0.0167 | 0.6573 | 0.0115 | 1 | 15.20 | 0.1649 | 0.0014 |
| Vilas | Sparkling | 1881900 | 154 | 1984 | 12.88 | 21 | 0.1364 | 1.3890 | 0.0148 | 4 | 19.25 | 1.0212 | 0.0107 |

Largemouth Bass

| County | Lake | MWBIC | Acres | Angler Catch | Angler Catch/ Acre | Angler Harvest | Angler Harvest/ Acre | Specific Catch Rate | Specific Harvest Rate | # Fish Measured | Mean Length | General Catch Rate | General Harvest Rate |
|----------|-------------------|---------|-------|--------------|--------------------|----------------|----------------------|---------------------|-----------------------|-----------------|-------------|--------------------|----------------------|
| Barron | Beaver Dam | 2081200 | 1112 | 11299 | 10.16 | 269 | 0.2419 | 0.4986 | 0.0118 | 47 | 15.63 | 0.2452 | 0.0058 |
| Bayfield | Diamond | 2897100 | 341 | 1126 | 3.30 | 65 | 0.1906 | 0.4405 | 0.0316 | 9 | 15.08 | 0.3462 | 0.0201 |
| Burnett | Sand | 2495100 | 962 | 9555 | 9.93 | 433 | 0.4501 | 1.2366 | 0.0604 | 48 | 14.99 | 0.7670 | 0.0348 |
| Chippewa | Wissota | 2152800 | 6300 | 981 | 0.16 | 0 | 0.0000 | 0.0616 | 0.0000 | 0 | | 0.0139 | 0.0000 |
| Douglas | Amnicon | 2858100 | 426 | 1300 | 3.05 | 8 | 0.0188 | 0.4252 | 0.0042 | 2 | 15.40 | 0.1677 | 0.0010 |
| Polk | Half Moon | 2621100 | 579 | 17472 | 30.18 | 459 | 0.7927 | 1.4014 | 0.0395 | 86 | 15.00 | 0.8151 | 0.0214 |
| Sawyer | Grindstone | 2391200 | 3111 | 123 | 0.04 | 0 | 0.0000 | 0.1231 | 0.0000 | 0 | | 0.0065 | 0.0000 |
| Forest | Lucerne | 396500 | 1026 | 849 | 0.83 | 79 | 0.0770 | 0.1498 | 0.0161 | 18 | 15.12 | 0.0620 | 0.0058 |
| Oneida | Buckskin | 2272600 | 634 | 825 | 1.30 | 20 | 0.0315 | 0.7053 | 0.0000 | 4 | 12.58 | 0.0432 | 0.0011 |
| Oneida | Manson | 1517200 | 236 | 1759 | 7.45 | 47 | 0.1992 | 0.5023 | 0.0243 | 11 | 15.89 | 0.1569 | 0.0042 |
| Oneida | North Nokomis | 1595800 | 476 | 768 | 1.61 | 6 | 0.0126 | 0.3482 | 0.0054 | 1 | 18.00 | 0.0966 | 0.0007 |
| Vilas | Big Portage | 1629500 | 638 | 22 | 0.03 | 0 | 0.0000 | 0.0632 | 0.0000 | 0 | | 0.0216 | 0.0000 |
| Vilas | Lac Vie ux Desert | 1631900 | 4300 | 686 | 0.16 | 23 | 0.0053 | 0.0504 | 0.0000 | 0 | | 0.0067 | 0.0002 |
| Vilas | Plum | 1592400 | 1033 | 182 | 0.18 | 0 | 0.0000 | 0.0555 | 0.0000 | 0 | | 0.0089 | 0.0000 |
| Vilas | Snipe | 1018500 | 239 | 0 | 0.00 | | 0.0000 | | | 0 | | | |
| Vilas | Sparkling | 1881900 | 154 | 12 | 0.08 | 0 | 0.0000 | 0.0000 | 0.0000 | 0 | | 0.0567 | 0.0000 |

Appendix E. Walleye Population Estimates.

| MWBC | County | Lake | Acres | Angler Reg | Recruit Code | PE - Males | CV Male PE | PE – Females | CV Female PE | M:F Ratio | Adult PE |
|---------|----------|-------------------------|-------|------------|--------------|------------|------------|--------------|--------------|-----------|----------|
| 388500 | Forest | Crane | 337 | 18 | ST | 168 | 0.09 | 170 | 0.56 | 0.986 | 245 |
| 376900 | Forest | Lily | 211 | 15 | NR | 1258 | 0.08 | 470 | 0.34 | 2.679 | 1718 |
| 396500 | Forest | Lucerne | 1005 | 18 | C-ST | 690 | 0.04 | 212 | 0.26 | 3.254 | 904 |
| 1490300 | Lincoln | Seven Island | 132 | 15 | C-ST | 132 | 0.18 | 77 | 0.23 | 1.711 | 218 |
| 1547700 | Lincoln | Somo | 472 | 15 | C-ST | 514 | 0.26 | 217 | 0.28 | 2.369 | 829 |
| 2272600 | Oneida | Buckskin | 634 | 1>14 | C-NR | 3237 | 0.04 | 1050 | 0.27 | 3.083 | 3964 |
| 1517200 | Oneida | Manson North | 236 | 15 | C-NR | 254 | 0.15 | 39 | 0.32 | 6.517 | 305 |
| 1595800 | Oneida | Nokomis | 476 | 15 | ST | 929 | 0.10 | 413 | 0.29 | 2.248 | 1411 |
| 1618100 | Oneida | Thunder | 1768 | 18 | C-ST | 512 | 0.15 | 2833 | 0.30 | 0.181 | 3274 |
| 2338800 | Vilas | Big Crooked | 682 | none | NR | 822 | 0.13 | 479 | 0.38 | 1.717 | 1301 |
| 1629500 | Vilas | Big Portage | 638 | 1>14 | NR | 2271 | 0.06 | 1309 | 0.41 | 1.735 | 3186 |
| 2339900 | Vilas | Escanaba | 293 | 28 | NR | 1140 | 0.09 | 962 | 0.21 | 1.184 | 2191 |
| 2762200 | Vilas | Forest Lac Vieux Desert | 466 | 14-18 Slot | NR | 1651 | 0.06 | 896 | 0.30 | 1.842 | 2486 |
| 1631900 | Vilas | Desert | 4300 | 15 | C-NR | 6962 | 0.04 | 4332 | 0.17 | 1.607 | 10505 |
| 1592400 | Vilas | Plum | 1033 | 14-18 Slot | C-NR | 3108 | 0.11 | 1436 | 0.28 | 2.164 | 4490 |
| 1018500 | Vilas | Snipe | 239 | 15 | NR | 830 | 0.14 | 301 | 0.27 | 2.760 | 1226 |
| 1881900 | Vilas | Sparkling | 154 | 28 | C-ST | 232 | 0.09 | 403 | 0.21 | 0.575 | 664 |
| 2336100 | Vilas | Wolf | 393 | 15 | NR | 579 | 0.16 | 627 | 0.21 | 0.923 | 1320 |
| 2916900 | Ashland | Mineral | 225 | 18 | C-ST | 391 | 0.15 | 585 | 0.27 | 0.669 | 904 |
| 2081200 | Barron | Beaver Dam | 1112 | 15 | C-ST | 219 | 0.14 | 521 | 0.32 | 0.420 | 761 |
| 2897300 | Bayfield | Crystal | 111 | 15 | C-NR | 155 | 0.11 | 53 | 0.38 | 2.926 | 203 |
| 2897100 | Bayfield | Diamond | 341 | 20-28 Slot | C-NR | 145 | 0.22 | 220 | 0.34 | 0.658 | 391 |
| 2495100 | Burnett | Sand | 962 | 15 | ST | 165 | 0.15 | 107 | 0.29 | 1.547 | 307 |
| 2152800 | Chippewa | L Wissota | 6300 | 14-18 Slot | NR | 9552 | 0.07 | 4342 | 0.27 | 2.200 | 13017 |
| 2858100 | Douglas | Amnicon | 426 | 15 | C-NR | 964 | 0.08 | 240 | 0.34 | 4.012 | 1239 |
| 2621100 | Polk | Half Moon | 579 | 15 | ST | 201 | 0.09 | 90 | 0.28 | 2.222 | 318 |
| 2391200 | Sawyer | Grindstone | 3111 | 14-18 Slot | C-NR | 2284 | 0.09 | 1646 | 0.37 | 1.387 | 3500 |

Appendix F. Muskellunge Population Estimates.

Muskellunge population estimates were conducted over two years and completed in spring 2006; They represent 2005 population sizes. In year one, all sexable fish plus unknowns $\geq 30"$ are counted. In year two, all sexable fish plus unknowns $\geq 32"$ are counted, except take the lesser of 30" or the smallest half-inch group observed for each sex in the first year; for the second year, do not count sexable fish less than this minimum length plus 2", or plus a different growth correction derived from the data for the lake. No stratification by length or sex is used, and the Chapman correction of the Petersen estimator is used, $(M+1)(C+1)/(R+1)$.

| MWBC | County | Lake | Acres | Angler Regulation (Min Size) | Recruit Code | Adult PE | CV of PE | Density #/Acre |
|---------|----------|-----------------|-------|------------------------------|--------------|----------|----------|----------------|
| 1579700 | Langlade | Enterprise | 505 | 34 | C- | 241 | 11.0 | 0.48 |
| 1005600 | Langlade | Mocassin | 110 | 34 | C- | 35 | 23.9 | 0.32 |
| 977500 | Oneida | Clear | 846 | 50 | NR | 94 | 17.7 | 0.11 |
| 1542700 | Oneida | Tomahawk | 3,392 | 34 | C-ST | 410 | 27.0 | 0.12 |
| 1588200 | Oneida | Two Sisters | 719 | 40 | C- | 108 | 16.3 | 0.15 |
| 2268300 | Price | Pike | 806 | 34 | C-ST | 112 | 22.9 | 0.14 |
| 2267800 | Price | Round | 726 | 34 | C-ST | 154 | 24.3 | 0.21 |
| 2628100 | Polk | Bone | 1,781 | 40 | ST | 1,303 | 10.1 | 0.73 |
| 1545600 | Vilas | Big Arbor Vitae | 1,090 | 34 | C- | 647 | 11.1 | 0.59 |
| 1593100 | Vilas | Star | 1,206 | 34 | C- | 118 | 11.7 | 0.10 |
| 2339100 | Vilas | White Sand | 734 | 34 | C- | 149 | 24.5 | 0.20 |

Appendix G. YOY Walleye Survey Summaries.

| | | Walleye | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|------------|---------|------------|--------------|-------|---------------------------|------|----------|---------|----------|---------|------|----------|-------------|---------|--------|--------|-------|--------|-------|----------|----------|---------|--------|--------|
| Lake | County | WBIC | Acres | Recruit Code | Model | Date | Temp | TotShore | ShockMI | PerShock | ShockHr | Age0 | Age0MinL | Age0MaxL | Age0Mod | Age0Hr | Age0MI | Serns | Hansen | Age1 | Age1MinL | Age1MaxL | Age1Mod | Age1Hr | Age1MI |
| Horseshoe | Barron | 2469800 | 115 NR | natural | | 09/21/2006 58 | | 2.5 | 2.4 | 96.0 | 1.20 | 0 | | | | 0.00 | 0.00 | N/A | N/A | 0 | 0.00 | | | 0.00 | 0.00 |
| Red Cedar | Barron | 2109600 | 1841 C-NR | natural | | 10/23,24,25,26/2006 45-46 | | 15.9 | 27.2 | 171.1 | 9.60 | 154 | 3.8 | 7.6 | 5.0 | 16.04 | 5.66 | N/A | N/A | 43 | 7.80 | 9 | 8.8 NA | NA | NA |
| Red Cedar | Barron | 2109600 | 1841 C-NR | natural | | 10/17/2006 50-51 | | 15.9 | 10.5 | 86.0 | 5.80 | 92 | 3.9 | 7.7 | 4.8 | 15.86 | 8.76 | N/A | N/A | 48 | 7.90 | 10.1 | 10 | 8.28 | 4.57 |
| Atkins | Bayfield | 2734000 | 176 C-NR | natural | | 09/11/2006 66 | | 2.3 | 2.3 | 100.0 | 1.00 | 5 | 6.5 | 7.3 None | | 5.00 | 2.17 | N/A | N/A | 0 | 0.00 | | | | |
| Crystal | Bayfield | 2897300 | 111 C-NR | natural | | 10/17/2006 47 | | 2.5 | 2.5 | 100.0 | 1.00 | 0 | | | | 0.00 | 0.00 | N/A | N/A | 0 | 0.00 | | | 0.00 | 0.00 |
| Diamond | Bayfield | 2897100 | 341 C-NR | natural | | 09/14/2006 66-68 | | 5.0 | 5.0 | 100.0 | 1.60 | 0 | | | | 0.00 | 0.00 | N/A | N/A | 0 | 0.00 | | | 0.00 | 0.00 |
| Twin Bear | Bayfield | 2903100 | 172 NR | natural | | 09/25/2006 59-61 | | 3.9 | 3.9 | 100.0 | 1.60 | 13 | 6.0 | 7.4 | 6.0 | 8.13 | 3.33 | 0.78 | 0.23 | 14 | 7.60 | 8.5 | 7.8 | 8.75 | 3.59 |
| Upper Eau Claire | Bayfield | 2742700 | 996 C-NR | natural | | 10/16,17/2006 46-49 | | 11.1 | 9.9 | 89.2 | 4.20 | 163 | 5.3 | 8.6 | 6.5 | 38.91 | 16.46 | N/A | N/A | 21 | 9.20 | 11.7 | None | 5.00 | 2.12 |
| Holcombe Flowage | Chippewa | 2184900 | 3890 NR | natural | | 10/16,17/2006 46 | | 60.8 | 8.0 | 13.2 | 5.80 | 588 | 4.7 | 7.3 | 6.2 | 101.38 | 73.50 | N/A | N/A | 260 | 7.50 | 11.4 | 9.5 | 44.83 | 32.50 |
| L Wisconsin | Chippewa | 2152800 | 6300 NR | natural | | 10/02,03,04,05/2006 59-70 | | 56.3 | 56.3 | 100.0 | 20.60 | 4053 | 4.3 | 8.6 | 6.8 | 196.75 | 71.99 | 16.85 | 27.71 | 2302 | 7.00 | 11.6 | 10.2 | 111.75 | 40.89 |
| Long | Chippewa | 2351400 | 1052 NR | natural | | 10/09/2006 54-56 | | 14.0 | 4.8 | 34.3 | 2.40 | 346 | 4.8 | 7.6 | 6.2 | 144.17 | 72.08 | N/A | N/A | ----> | 0.00 | | | | |
| Amnicon | Douglas | 2858100 | 426 C-NR | natural | | 09/13/2006 65-68 | | 6.0 | 6.0 | 100.0 | 1.90 | 1 | 5.7 | 5.7 None | | 0.53 | 0.17 | N/A | N/A | 5 | 8.20 | 10 | None | 2.63 | 0.83 |
| Upper St Croix | Douglas | 2747300 | 855 C-NR | natural | | 10/11/2006 47-51 | | 10.0 | 4.0 | 40.0 | 1.60 | 0 | | | | 0.00 | 0.00 | N/A | N/A | 1 | 10.50 | 10.5 | None | 0.63 | 0.25 |
| Altoona | Eau Claire | 2128100 | 840 NR | natural | | 10/10/2006 59 | | 9.4 | 3.7 | 39.4 | 2.90 | 649 | 3.6 | 7.8 | 6.2 | 223.79 | 175.41 | N/A | N/A | 87 | 8.00 | 11 | None | 30.00 | 23.51 |
| Pine | Iron | 2949200 | 312 NR | natural | | 09/21/2006 58-62 | | 6.0 | 6.0 | 100.0 | 2.60 | 60 | 4.5 | 6.4 5.5-5.9 | | 23.08 | 10.00 | 2.34 | 1.26 | ----> | 0.00 | | | | |
| Turtle Flambeau Flowage | Iron | 2294900 | 13122 NR | natural | | 09/13,14,20/2006 55-63 | | 206.3 | 7.3 | 3.5 | 2.80 | 715 | 3.5 | 7.4 4.5-4.9 | | 255.36 | 97.95 | N/A | N/A | ----> | 0.00 | | | | |
| Bridge Lake | Lincoln | 1516800 | 411 NR | natural | | 09/13/2006 64 | | 12.5 | 4.0 | 31.9 | 1.68 | 41 | 3.6 | 6.3 | 5.7 | 24.36 | 10.25 | N/A | N/A | 10 | 7.1 | 9.8 | | 5.94 | 2.50 |
| Deer Lake | Lincoln | 1519600 | 156 C-NR | natural | | 09/12/2006 64 | | 3.1 | 2.4 | 75.8 | 1.07 | 2 | 5.6 | 6.4 | 1.87 | 0.85 | 0.20 | 0.03 | 1 | 9.9 | 9.9 | | 0.94 | 0.43 | |
| Nokomis | Lincoln | 1516500 | 2433 NR | natural | | 09/13/2006 62 | | 29.5 | 4.0 | 13.6 | 1.93 | 257 | 3.8 | 6.7 | 4.6 | 132.95 | 64.25 | N/A | N/A | 122 | 7 | 9.7 | 8.5 | 63.11 | 30.50 |
| Rice Reservoir | Lincoln | 1516400 | 920 NR | natural | | 09/18/2006 56 | | 21.1 | 4.0 | 19.0 | 1.70 | 38 | 3.6 | 6.7 | 4.3 | 22.35 | 9.50 | N/A | N/A | 4 | 8.3 | 9.6 | | 2.35 | 1.00 |
| Spirit Reservoir | Lincoln | 1506800 | 1664 C-NR | natural | | 09/20/2006 57 | | 50.3 | 1.8 | 3.6 | 1.18 | 305 | 3.7 | 6.2 | 4.6 | 257.60 | 169.44 | N/A | N/A | 9 | 8.5 | 10.1 | 9.6 | 7.60 | 5.00 |
| Tug Lake | Lincoln | 1482400 | 151 C | natural | | 09/28/2006 57 | | 2.7 | 2.7 | 100.0 | 1.58 | 10 | 6.3 | 7.9 | | 6.33 | 3.70 | 0.87 | 0.27 | 0 | 0.00 | | | 0.00 | 0.00 |
| Big Barr | Oneida | 213 | C-NR | natural | | 09/28/2006 59 | | 3.6 | 3.6 | 100.0 | 2.08 | 0 | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | | | 0.00 | 0.00 |
| Big Fork | Oneida | 1610700 | 690 C-NR | natural | | 10/05/2006 56 | | 5.4 | 5.4 | 100.0 | 2.70 | 418 | 3.7 | 6.8 | 4.8 | 154.81 | 77.41 | 18.11 | 31.04 | 290 | 6.9 | 9.8 | 8.3 | 107.41 | 53.70 |
| Big Stone Lake | Oneida | 1612200 | 548 C-NR | natural | | 09/16/2006 60 | | 5.0 | 5.0 | 100.0 | 3.12 | 127 | 3.9 | 6.8 | 5.9 | 40.74 | 25.40 | 5.94 | 5.43 | 142 | 6.9 | 9.8 | 8.8 | 45.56 | 28.40 |
| Buckskin | Oneida | 2272600 | 634 C-NR | natural | | 09/19/2006 56 | | 6.3 | 6.3 | 100.0 | 3.43 | 90 | 5.4 | 7.2 | 6.7 | 26.22 | 14.29 | 3.34 | 2.21 | 19 | 8.7 | 9.8 | 9.7 | 5.53 | 3.02 |
| Island Lake | Oneida | 1610500 | 295 C-NR | natural | | 10/02/2006 57 | | 4.4 | 4.4 | 100.0 | 2.23 | 66 | 4.4 | 6.8 | 5.2 | 29.54 | 15.00 | 3.51 | 2.38 | 81 | 6.9 | 9.8 | 7.5 | 36.26 | 18.41 |
| Laurel Lake | Oneida | 1611800 | 232 C-NR | natural | | 09/19/2006 59 | | 6.2 | 5.4 | 87.7 | 2.85 | 38 | 4.7 | 6.8 | 5.6 | 13.33 | 7.04 | 1.65 | 0.73 | 37 | 6.9 | 9.8 | 8.7 | 12.98 | 6.85 |
| Little Fork | Oneida | 1610600 | 354 C-NR | natural | | 09/26/2006 58 | | 4.3 | 4.3 | 100.0 | 2.37 | 135 | 3.9 | 6.8 | 4.9 | 57.06 | 31.69 | 7.42 | 7.68 | 163 | 6.9 | 9.8 | 8.2 | 68.89 | 38.26 |
| Long Lake | Oneida | 1609000 | 620 C-NR | natural | | 10/10/2006 54 | | 7.5 | 4.0 | 53.7 | 2.07 | 116 | 4.8 | 6.8 | 5.6 | 56.15 | 29.00 | N/A | N/A | 100 | 6.9 | 9.8 | 7.8 | 48.40 | 25.00 |
| Manson | Oneida | 1517200 | 236 C-NR | natural | | 09/13/2006 63 | | 3.6 | 3.6 | 100.0 | 2.25 | 1 | 7.9 | 7.9 | | 0.44 | 0.28 | 0.07 | 0.00 | 11 | 8.6 | 9.8 | | 4.89 | 3.06 |
| Medicine Lake | Oneida | 1611700 | 372 C-NR | natural | | 09/20/2006 59 | | 4.3 | 4.0 | 93.0 | 2.47 | 148 | 3.8 | 6.8 | 5.8 | 60.02 | 37.00 | 8.66 | 9.78 | 210 | 6.9 | 9.8 | 8.2 | 85.16 | 52.50 |
| Pelican Lake | Oneida | 1579900 | 3585 C-NR | natural | | 10/16/2006 46 | | 16.7 | 16.7 | 100.0 | 7.19 | 205 | 4.6 | 7.9 | 7 | 28.52 | 12.28 | 2.87 | 1.74 | 31 | 9.1 | 11 | 10.4 | 4.31 | 1.86 |
| Planting Ground | Oneida | 1609100 | 1112 C-NR | natural | | 10/09/2006 54 | | 10.5 | 4.0 | 38.1 | 2.27 | 140 | 4.3 | 6.8 | 5.2 | 61.78 | 35.00 | N/A | N/A | 97 | 6.9 | 9.8 | 8.3 | 42.81 | 24.25 |
| Round Lake | Oneida | 1610400 | 150 C-NR | natural | | 09/25/2006 57 | | 2.2 | 2.0 | 90.9 | 1.07 | 54 | 4.5 | 6 | 5.3 | 50.61 | 27.00 | N/A | N/A | 30 | 7 | 9.2 | 7.8 | 28.12 | 15.00 |
| Townline Lake | Oneida | 1609800 | 152 C-NR | natural | | 09/20/2006 57 | | 2.1 | 2.1 | 100.0 | 1.03 | 76 | 4.5 | 6.6 | 5.4 | 75.57 | 36.19 | 8.47 | 9.45 | 52 | 7 | 9.6 | 7.7 | 50.34 | 24.76 |
| Two Sisters | Oneida | 1588200 | 719 C-NR | natural | | 09/28/2006 58 | | 9.3 | 9.3 | 100.0 | 3.53 | 4 | 7.2 | 7.8 | | 1.13 | 0.43 | 0.10 | 0.01 | 0 | 0.00 | | | 0.00 | 0.00 |
| Lac Sault Dore | Price | 2236800 | 561 NR | natural | | 10/09/2006 53 | | 14.1 | 4.4 | 31.2 | 1.80 | 4 | 6.1 | 7.1 None | | 2.22 | 0.91 | N/A | N/A | 27 | 7.70 | 10.1 | None | 15.00 | 6.14 |
| Worcester | Price | 2210900 | 100 NR | natural | | 09/25/2006 59 | | 2.0 | 2.0 | 100.0 | 0.90 | 0 | | | | 0.00 | 0.00 | N/A | N/A | 0 | 0.00 | | | 0.00 | 0.00 |
| Grindstone | Sawyer | 2391200 | 3111 C-NR | natural | | 09/19/2006 60-63 | | 10.5 | 10.5 | 100.0 | 4.60 | 1877 | 4.8 | 7.7 6.1-6.3 | | 408.04 | 178.76 | 41.83 | 114.92 | 104 | 7.90 | 11.7 | 8.7 | 22.61 | 9.90 |
| Hayward | Sawyer | 2725500 | 247 C-NR | natural | | 09/25/2006 59 | | 8.6 | 5.4 | 62.8 | 1.50 | 0 | 6.2 | | | 0.00 | 0.00 | N/A | N/A | 0 | 0.00 | | | 0.00 | 0.00 |
| L Chippewa | Sawyer | 2399700 | 15300 C-NR | natural | | 10/16/2006 45-46 | | 232.9 | 1.9 | 0.8 | 0.80 | 79 | 5.0 | 7.4 6.0-6.4 | | 98.75 | 41.58 | N/A | N/A | ----> | 0.00 | | | | |
| Lac Courte Oreilles | Sawyer | 2390800 | 5039 C-NR | natural | | 09/11/2006 67 | | 25.4 | 6.0 | 23.6 NA | 0 | 0 | | | | 0.00 | 0.00 | N/A | N/A | 0 | 0.00 | | | 0.00 | 0.00 |
| Round | Sawyer | 2395600 | 3054 C-NR | natural | | 09/19/2006 62-64 | | 20.2 | 19.9 | 98.5 | 7.50 | 211 | 3.0 | 6.9 None | | 28.13 | 10.60 | N/A | N/A | ----> | 0.00 | | | | |
| Cedar | St. Croix | 2615100 | 1100 NR | natural | | 09/28/2006 60 | | 6.3 | 4.0 | 63.5 | 2.90 | 237 | 6.2 | 8.9 | 7.8 | 81.72 | 59.25 | N/A | N/A | 149 | 9.30 | 11.6 | None | 51.38 | 37.25 |
| Cedar | St. Croix | 2615100 | 1100 NR | natural | | 10/04/2006 | 61 | 6.3 | 3.9 | 61.9 | 3.00 | 411 | 6.4 | 8.9 | 8.2 | 137.00 | 105.38 | N/A | N/A | | | | | | |
| Anvil | Vilas | 968800 | 398 NR | natural | | 09/28/2006 58 | | 4.8 | 4.5 | 93.0 | 2.10 | 8 | 6.7 | 7.7 | | 3.81 | 1.78 | 0.42 | 0.08 | 0 | 0.00 | | | 0.00 | 0.00 |
| Big Arbor Vitae | Vilas | 1545600 | 1090 NR | natural | | 10/10/2006 55 | | 7.8 | 7.8 | 100.0 | 3.12 | 318 | 5.6 | 8 | 6.8 | 102.02 | 40.77 | 9.54 | 11.39 | 10 | 9.9 | 10.8 | | 3.21 | 1.28 |
| Big Crooked | Vilas | 2338800 | 682 NR | natural | | 09/20/2006 59 | | 5.0 | 5.0 | 100.0 | 2.92 | 158 | 4.1 | 5.7 | 4.8 | 54.17 | 31.60 | 7.39 | 7.64 | 31 | 9.1 | 11.1 | 9.5 | 10.63 | 6.20 |
| Big Portage | Vilas | 1629500 | 638 NR | natural | | 09/20/2006 59 | | 6.8 | 6.8 | 100.0 | 2.83 | 156 | 4.2 | 7.7 | 6.2 | 55.12 | 22.94 | 5.37 | 4.63 | 63 | 8.2 | 9.9 | 9.7 | 22.26 | 9.26 |
| Big St Germain | Vilas | 1591100 | 1617 C-NR | natural | | 10/04/2006 58 | | 6.4 | 6.4 | 100.0 | 3.22 | 111 | 4.9 | 8.2 | 6.7 | 34.50 | 17.34 | 4.06 | 2.99 | 2 | 9.2 | 10.2 | | 0.62 | 0.31 |
| Escanaba | Vilas | 2339900 | 293 NR | natural | | 09/11/2006 62 | | 5.2 | 5.2 | 100.0 | 3.33 | 224 | 4.4 | 7.2 | 5.9 | 67.21 | 42.91 | 10.04 | 12.34 | 110 | 8 | 9.9 | 9 | 33.00 | 21.07 |
| Kentuck | Vilas | 716800 | 957 C-NR | natural | | 10/09/2006 54 | | 6.2 | 6.2 | 100.0 | 2.83 | 306 | 4.3 | 7.8 | 6.2 | 108.01 | 49.35 | 11.55 | 15.35 | 147 | 8.1 | 10.8 | 9.2 | 51.89 | 23.71 |
| Lac Vieux Desert | Vilas | 1631900 | 4300 C-NR | natural | | 10/10/2006 52 | | 16.5 | 6.5 | 39.4 | 2.78 | 7 | 6 | 7.9 | 0 | 2.52 | 1.08 | N/A | N/A | 80 | 8 | 10.2 | 9.7 | 28.75 | 12.31 |
| Long | Vilas | 1602300 | 872 C-NR | natural | | 10/02/2006 59 | | 8.2 | 7.8 | 95.4 | 3.21 | 0 | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | | | 0.00 | |

Walleye

| Lake | County | WBIC | Acres | Recruit Code | Model | Date | Temp | TotShore | ShockMI | PerShock | ShockHR | Age0 | Age0MinL | Age0MaxL | Age0Mod | Age0Hr | Age0MI | Serns | Hansen | Age1 | Age1MinL | Age1MaxL | Age1Mod | Age1Hr | Age1MI | | |
|------------------|----------|---------|-------|--------------|---------|---------------|-------|----------|---------|----------|---------|------|----------|----------|---------|--------|---------|--------|--------|-------|----------|----------|---------|--------|--------|-------|------|
| Echo | Barron | 2630200 | 161 | 0-ST | remnant | 09/13/2006 | 67 | 2.9 | 2.9 | 100.0 | 1.50 | 0 | | | | 0.00 | 0.00 | N/A | N/A | 0 | 0.00 | | | 0.00 | 0.00 | | |
| Bellevue | Bayfield | 2755800 | 65 | 0-ST | remnant | 10/09/2006 | 56 | 2.2 | 2.2 | 100.0 | 0.90 | 0 | | | 0.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | | | 0.00 | 0.00 | | |
| Buffalo | Bayfield | 1837700 | 179 | 0-ST | remnant | 10/02/2006 | 58-60 | 3.3 | 3.3 | 100.0 | 1.50 | 0 | | | | 0.0 | 0.00 | 0.00 | N/A | N/A | 0 | 0.00 | | | 0.00 | 0.00 | |
| Eagle | Bayfield | 2902900 | 170 | NR-2 | remnant | 09/26/2006 | 58-60 | 4.4 | 4.4 | 100.0 | 1.60 | 0 | | | 0.0 | 0.00 | 0.00 | N/A | N/A | 0 | 0.00 | | | 0.00 | 0.00 | | |
| Jackson | Bayfield | 2724200 | 142 | NR-2 | remnant | 10/04/2006 | 55 | 2.8 | 2.8 | 100.0 | 1.10 | 1 | 6.8 | | | 0.91 | 0.36 | 0.08 | 0.01 | 2 | 9.60 | 10.8 | None | 1.82 | 0.71 | | |
| Robinson | Bayfield | 2743300 | 91 | REM | remnant | 10/05/2006 | 57 | 1.8 | 1.8 | 100.0 | 0.80 | 3 | 7.7 | | | 3.75 | 1.67 | 0.39 | 0.08 | 5 | 9.50 | 10.7 | None | 6.25 | 2.78 | | |
| Viola | Burnett | 2598600 | 285 | 0-ST | remnant | 09/19/2006 | 62 | 4.4 | 3.3 | 75.0 | 1.30 | 0 | | | 0.0 | 0.00 | 0.00 | N/A | N/A | 0 | 0.00 | | | 0.00 | 0.00 | | |
| Axhandle | Chippewa | 2092500 | 84 | 0-ST | remnant | 09/26/2006 | 60 | 3.0 | 3.0 | 100.0 | 2.30 | 0 | | | 0.0 | 0.00 | 0.00 | N/A | N/A | 0 | 0.00 | | | 0.00 | 0.00 | | |
| Summit Lake | Langlade | 1445600 | 282 | 0-ST | remnant | 09/26/2006 | 57 | 3.3 | 3.3 | 100.0 | 1.60 | 0 | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | | | 0.00 | 0.00 | | |
| Bass Lake | Oneida | 970000 | 74 | REM | remnant | 09/12/2006 | 64 | 2.0 | 2.0 | 100.0 | 1.18 | 0 | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | | | 0.00 | 0.00 | | |
| Antler | Polk | 2449400 | 101 | 0-ST | remnant | 09/09/2006 | 68 | 3.0 | 2.0 | 66.7 | 1.20 | 0 | | | | 0.00 | 0.00 | N/A | N/A | 6 | 8.50 | 11.9 | None | 5.00 | 3.00 | | |
| Clear | Polk | 2623500 | 30 | 0-ST | remnant | 09/19/2006 | 66 | 1.4 | 1.4 | 100.0 | 0.60 | 0 | | | | 0.00 | 0.00 | N/A | N/A | 0 | 0.00 | | | 0.00 | 0.00 | | |
| Deer | Polk | 2619400 | 807 | REM | remnant | 09/19/2006 | 64 | 7.7 | 4.0 | 51.9 | 2.10 | 0 | | | | 0.00 | 0.00 | N/A | N/A | 0 | 0.00 | | | 0.00 | 0.00 | | |
| Spirit | Price | 1519300 | 126 | REM | remnant | 10/06/2006 | 55 | 3.5 | 2.7 | 77.1 | 1.00 | 0 | | | | 0.00 | 0.00 | N/A | N/A | 0 | 0.00 | | | 0.00 | 0.00 | | |
| Black Dan | Sawyer | 2381900 | 128 | 0-ST | remnant | 10/02/2006 | 61 | 3.0 | 3.0 | 100.0 | 0.50 | 0 | | | | 0.00 | 0.00 | N/A | N/A | 0 | 0.00 | | | 0.00 | 0.00 | | |
| Blaisdell | Sawyer | 2402200 | 356 | NR-2 | remnant | 10/09/2006 | 53 | 7.6 | 3.8 | 50.0 | 1.20 | 0 | | | | 0.00 | 0.00 | N/A | N/A | 3 | 9.00 | 10.4 | None | 2.50 | 0.79 | | |
| Fishtrap | Sawyer | 2401100 | 216 | REM | remnant | 10/05/2006 | 58 | 6.8 | 4.3 | 63.2 | 1.80 | 0 | | | | 0.00 | 0.00 | N/A | N/A | 0 | 0.00 | | | 0.00 | 0.00 | | |
| Island | Sawyer | 2381800 | 67 | 0-ST | remnant | 10/02/2006 | 61 | 1.5 | 1.5 | 100.0 | 0.80 | 3 | 7.5 | | | 3.75 | 2.00 | 0.47 | 0.10 | 1 | 9.50 | 9.9 | None | 1.25 | 0.67 | | |
| Smith | Sawyer | 2726100 | 323 | 0-ST | remnant | 10/03/2006 | 51-52 | 4.5 | 4.5 | 100.0 | NA | 0 | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | | | 0.00 | 0.00 | | |
| Spectacle Lake | Vilas | 717400 | 171 | NR-2 | remnant | 10/04/2006 | 57 | 3.9 | 3.8 | 97.4 | 1.67 | 0 | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | | | 0.00 | 0.00 | | |
| Little Stone | Washburn | 1862400 | 27 | NR-2 | remnant | 09/25/2006 | 61 | 0.9 | 0.9 | 100.0 | 0.40 | 3 | 5.5 | | | 7.50 | 3.33 | 0.78 | 0.23 | 0 | 0.00 | | | 0.00 | 0.00 | | |
| English | Ashland | 2914800 | 244 | ST | stocked | 10/10/2006 | 51 | 4.1 | 3.8 | 92.7 | 1.40 | 0 | | | | 0.00 | 0.00 | N/A | N/A | 0 | 0.00 | | | 0.00 | 0.00 | | |
| Mineral | Ashland | 2916900 | 225 | C-ST | stocked | 10/09/2006 | 54 | 5.3 | 5.3 | 100.0 | 1.70 | 162 | 5.1 | | | 7.8 | 6.4 | 95.29 | 30.57 | 7.15 | 7.26 | 49 | 8.00 | 11.5 | 11.3 | 28.82 | 9.25 |
| Potter | Ashland | 2917200 | 29 | ST | stocked | 10/10/2006 | 52 | 0.9 | 0.9 | 100.0 | 0.50 | 0 | | | | 0.00 | 0.00 | N/A | N/A | 0 | 0.00 | | | 0.00 | 0.00 | | |
| Upper Clam | Ashland | 2429600 | 166 | C-ST | stocked | 09/11/2006 | 64 | 3.2 | 2.9 | 90.6 | 0.90 | 3 | 6.0 | | | 6.4 | None | 3.33 | 1.03 | N/A | N/A | 0 | 0.00 | | | 0.00 | 0.00 |
| Beaver Dam | Barron | 2081200 | 1112 | C-ST | stocked | 09/25/2006 | 59-61 | 18.0 | 16.1 | 89.4 | 6.20 | 2 | 6.7 | | | 8.2 | None | 0.32 | 0.12 | 0.03 | 0.00 | ----> | 0.00 | | | 0.00 | 0.00 |
| Big Dummy | Barron | 1935100 | 111 | C-ST | stocked | 09/12/2006 | 66 | 2.2 | 2.2 | 100.0 | 0.80 | 0 | | | | 0.00 | 0.00 | N/A | N/A | 0 | 0.00 | | | 0.00 | 0.00 | | |
| Prairie | Barron | 2094100 | 1534 | C-ST | stocked | 10/19/2006 | 45 | 25.4 | 6.5 | 25.6 | 2.20 | 0 | | | | 0.00 | 0.00 | N/A | N/A | 4 | 9.00 | 10.9 | None | 1.82 | 0.62 | | |
| Lipssett | Burnett | 2678100 | 393 | ST | stocked | 09/26/2006 | 60 | 3.5 | 3.5 | 100.0 | 1.10 | 16 | 5.6 | | | 7.3 | None | 14.55 | 4.57 | 1.07 | 0.37 | 0 | 0.00 | | | 0.00 | 0.00 |
| Poquettes | Burnett | 2491100 | 97 | ST | stocked | 09/26/2006 | 61 | 2.1 | 2.1 | 100.0 | 0.80 | 0 | | | | 0.0 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | | | 0.00 | 0.00 | | |
| Sand | Burnett | 2495100 | 962 | ST | stocked | 09/18/2006 | 63-66 | 8.3 | 8.3 | 100.0 | 2.70 | 31 | 4.1 | | | 8.0 | None | 11.48 | 3.73 | 0.87 | 0.27 | 2 | 10.60 | 11.1 | None | 0.74 | 0.24 |
| Lucerne | Forest | 396500 | 1005 | C-ST | stocked | 09/25/2006 | 60 | 10.5 | 10.5 | 100.0 | 4.18 | 4 | 6.4 | | | 7.7 | 0 | 0.96 | 0.38 | 0.09 | 0.01 | 3 | 9.9 | 10.4 | | 0.72 | 0.29 |
| Range Line | Forest | 478200 | 82 | C-ST | stocked | 10/02/2006 | 58 | 1.3 | 1.3 | 100.0 | 0.90 | 14 | 4.5 | | | 6.8 | 0 | 15.56 | 10.77 | 2.52 | 1.42 | 0 | 0.00 | | | 0.00 | 0.00 |
| Lawrence Lake | Langlade | 997300 | 54 | C-ST | stocked | 10/17/2006 | 48 | 1.8 | 1.8 | 100.0 | 0.60 | 0 | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | | | 0.00 | 0.00 | | |
| Mueller Lake | Langlade | 194000 | 88 | C-ST | stocked | 10/17/2006 | 48 | 2.8 | 2.8 | 100.0 | 0.82 | 0 | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | | | 0.00 | 0.00 | | |
| Upper Post | Langlade | 399200 | 757 | C-ST | stocked | 09/19/2006 | 60 | 7.6 | 7.6 | 100.0 | 2.62 | 0 | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | | | 0.00 | 0.00 | | |
| Bass Lake | Lincoln | 969600 | 100 | ST | stocked | 10/10/2006 | 53 | 2.8 | 2.0 | 71.4 | 0.80 | 0 | | | | 0.00 | 0.00 | N/A | N/A | 0 | 0.00 | | | 0.00 | 0.00 | | |
| Long Lake | Lincoln | 1001000 | 132 | ST | stocked | 10/10/2006 | 52 | 5.9 | 2.0 | 33.7 | 0.83 | 0 | | | | 0.00 | 0.00 | N/A | N/A | 0 | 0.00 | | | 0.00 | 0.00 | | |
| Pesabic | Lincoln | 1481600 | 146 | ST | stocked | 09/28/2006 | 56 | 2.3 | 2.3 | 100.0 | 1.05 | 0 | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | | | 0.00 | 0.00 | | |
| Seven Island | Lincoln | 1490300 | 132 | C-ST | stocked | 09/25/2006 | 59 | 4.0 | 4.0 | 100.0 | 2.20 | 0 | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | | | 0.00 | 0.00 | | |
| Somo | Lincoln | 1547700 | 472 | C-ST | stocked | 09/21/2006 | 60 | 14.2 | 5.0 | 35.2 | 2.57 | 8 | 6.5 | | | 7.5 | 3.12 | 1.60 | N/A | N/A | 13 | 8.1 | 10.1 | | 5.06 | 2.60 | |
| Julia | Oneida | 1614300 | 392 | C-ST | stocked | 09/14/2006 | 63 | 6.6 | 6.6 | 100.0 | 3.86 | 35 | 4.9 | | | 7.1 | 6.4 | 9.06 | 5.30 | 1.24 | 0.47 | 24 | 7.3 | 9.3 | 9 | 6.21 | 3.64 |
| Lower Kaubashine | Oneida | 1534800 | 187 | ST | stocked | 10/19/2006 | 48 | 4.5 | 4.5 | 100.0 | 1.42 | 1 | 6 | | | 6.4 | 0.71 | 0.22 | 0.05 | 0.00 | 0 | 0.00 | | | 0.00 | 0.00 | |
| North Nokomis | Oneida | 1595800 | 476 | ST | stocked | 09/21/2006 | 60 | 7.3 | 7.3 | 100.0 | 3.47 | 0 | | | | 0.00 | 0.00 | 0.00 | 0.00 | 8 | 9.2 | 9.9 | 9.7 | 2.31 | 1.10 | | |
| Balsam | Polk | 2620600 | 2054 | C-ST | stocked | 09/20/2006 | 60-64 | 22.7 | 22.7 | 100.0 | 7.50 | 1 | 9.3 | | | 9.3 | None | 0.13 | 0.04 | 0.01 | 0.00 | 12 | 9.50 | 11 | 9.9 | 1.60 | 0.53 |
| Half Moon | Polk | 2621100 | 579 | ST | stocked | 09/21/2006 | 60-61 | 7.1 | 7.1 | 100.0 | 2.10 | 1 | 6.4 | | | 6.4 | None | 0.48 | 0.14 | N/A | N/A | 0 | 0.00 | | | 0.00 | 0.00 |
| Wapogasset | Polk | 2618000 | 1186 | C-ST | stocked | 10/19/2006 | 47 | 9.9 | 9.1 | 91.9 | 2.40 | 1 | 7.3 | | | 7.3 | None | 0.42 | 0.11 | N/A | N/A | 0 | 0.00 | | | 0.00 | 0.00 |
| Ward | Polk | 2594400 | 91 | ST | stocked | 10/10/2006 | 56 | 2.3 | 2.3 | 100.0 | 1.10 | 15 | 5.5 | | | 7.9 | 6.0-6.4 | 13.64 | 6.52 | N/A | N/A | 0 | 0.00 | | | 0.00 | 0.00 |
| Sand | Sawyer | 2393200 | 928 | C-ST | stocked | 09/20/2006 | 60-62 | 5.1 | 5.1 | 100.0 | 1.70 | 215 | 4.0 | | | 7.9 | 6.0-6.4 | 126.47 | 42.16 | 9.86 | 12.00 | ----> | 0.00 | | | 0.00 | 0.00 |
| Spider | Sawyer | 2435700 | 1454 | ST | stocked | 09/14,15/2006 | 66-68 | 20.8 | 12.4 | 59.6 | 4.70 | 0 | | | | 0.00 | 0.00 | N/A | N/A | ----> | 0.00 | | | 0.00 | 0.00 | | |
| South Harper | Taylor | 2204100 | 80 | ST | stocked | 09/20/2006 | 60 | 2.0 | 1.9 | 95.0 | 0.90 | 0 | | | | 0.00 | 0.00 | N/A | N/A | 3 | 8.40 | 10.2 | None | 3.33 | 1.58 | | |
| Dead Pike | Vilas | 2316600 | 297 | ST | stocked | 09/26/2006 | 57 | 3.8 | 3.8 | 100.0 | 1.50 | 0 | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | | | 0.00 | 0.00 | | |
| Deerskin | Vilas | 1601300 | 309 | ST | stocked | 09/26/2006 | 58 | 3.9 | 3.8 | 98.7 | 1.72 | 2 | 7.5 | | | 7.9 | 0 | 1.16 | 0.53 | 0.12 | 0.01 | 2 | 8 | 8.4 | | 1.16 | 0.53 |
| Found | Vilas | 1593800 | 326 | C-ST | stocked | 09/20/2006 | 58 | 3.7 | 3.7 | 100.0 | 1.85 | 0 | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | | | 0.00 | 0.00 | | |
| Muskellunge Lake | Vilas | 1596600 | 272 | ST | stocked | 10/19/2006 | 40 | 3.6 | 3.6 | 100.0 | 1.65 | 0 | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | | | 0.00 | 0.00 | | |
| Sparkling | Vilas | 1881900 | 154 | C-ST | stocked | 09/18/2006 | 63 | 2.4 | 2.4 | 100.0 | 1.17 | 0 | | | | 0.00 | 0.00 | 0.00 | 0.00 | 1 | 9.6 | | | 0.85 | 0.42 | | |
| Trout | Vilas | 2331600 | 3816 | C-ST | stocked | 10/09/2006 | 54 | 17.9 | 17.9 | 100.0 | 7.35 | 68 | 5.1 | | | 7.9 | 5.8 | 9.25 | 3.80 | 0.89 | 0.28 | 112 | 8 | 10 | 9.7 | 15.24 | 6.26 |
| Island | Washburn | 2470600 | 276 | ST | stocked | 09/20/2006 | 62 | 3.6 | 2 | | | | | | | | | | | | | | | | | | |

Appendix H. Walleye Exploitation Rates.

H-1. Information on fin clipped fish in population (prior to creel) and those observed in angler creels used to estimate angler harvest and exploitation rates.

| Year | WBIC | County | Lake | Acres | Recruit. Code | Size Limit | Clips Given Prior to Creel | | | | Clips Observed in Creel | | | | | |
|------|---------|----------|------------------|-------|---------------|------------------|----------------------------|---------------|-------------|-------------|-------------------------|-------------------|-------------------|--------------------|-------------------|--------------------|
| | | | | | | | Clip Given | # Clips Given | #Clips ≥14" | #Clips ≥20" | # Clips Observed | # Clips Projected | # Clips Obs. ≥14" | # Clips Proj. ≥14" | # Clips Obs. ≥20" | # Clips Proj. ≥20" |
| 2006 | 396500 | Forest | Lucerne | 1026 | C-ST | 18 | LV, TC | 645 | 620 | 70 | 6 | 26 | 6 | 26 | 2 | 9 |
| 2006 | 1018500 | Vilas | Snipe | 239 | NR | 15 | RV,TC | 523 | 362 | 11 | 26 | 71 | 26 | 71 | 1 | 3 |
| 2006 | 1517200 | Oneida | Manson | 236 | C-NR | 15 | LV, TC | 162 | 43 | 15 | 3 | 12 | 3 | 12 | 1 | 4 |
| 2006 | 1592400 | Vilas | Plum | 1033 | C-NR | 14-18 slot | RV,TC | 1,588 | 1,118 | 105 | 18 | 66 | 11 | 40 | 4 | 15 |
| 2006 | 1595800 | Oneida | North Nokornis | 476 | ST | 15 | LV, TC | 737 | 716 | 160 | 22 | 72 | 22 | 72 | 7 | 23 |
| 2006 | 1629500 | Vilas | Big Portage | 638 | NR | 14-18 slot | LV, TC | 1,549 | 779 | 20 | 14 | 79 | 2 | 11 | 0 | 0 |
| 2006 | 1631900 | Vilas | Lac Vieux Desert | 4300 | C-NR | 15 | LV,TC | 4,454 | 3,009 | 607 | 33 | 437 | 33 | 437 | 9 | 119 |
| 2006 | 1881900 | Vilas | Sparkling | 154 | C-ST | 28 | LV,TC | 384 | 373 | 87 | 1 | 3 | 1 | 3 | 1 | 3 |
| 2006 | 2081200 | Barron | Beaver Dam | 1112 | C-ST | 15 | LP,TC | 276 | 274 | 164 | 1 | 30 | 1 | 30 | 1 | 30 |
| 2006 | 2152800 | Chippewa | Wissota | 6300 | NR | 14-18 slot | LV,TC | 2,958 | 1,254 | 127 | 23 | 431 | 3 | 56 | 2 | 37 |
| 2006 | 2272600 | Oneida | Buckskin | 634 | C-NR | No min, 1>14 | LV, TC | 2,253 | 181 | 84 | 89 | 331 | 7 | 26 | 1 | 4 |
| 2006 | 2391200 | Sawyer | Grindstone | 3111 | C-NR | 14-18 slot | LV,TC | 1,189 | 1,028 | 233 | 11 | 52 | 11 | 52 | 6 | 28 |
| 2006 | 2495100 | Burnett | Sand | 962 | ST | 15 | LV,TC | 194 | 193 | 96 | 3 | 16 | 3 | 16 | 2 | 11 |
| 2006 | 2621100 | Polk | Half Moon | 579 | ST | 15 | LV,TC | 212 | 209 | 39 | 4 | 13 | 4 | 13 | 0 | 0 |
| 2006 | 2858100 | Douglas | Amnicon | 426 | C-NR | 15 | RV,TC | 665 | 188 | 97 | 1 | 3 | 1 | 3 | 1 | 3 |
| 2006 | 2897100 | Bayfield | Diamond | 341 | C-NR | 20-28 slot, 1>28 | RP,TC | 157 | 157 | 126 | 0 | 0 | 0 | 0 | 0 | 0 |

H-2. Estimated angler and tribal harvest and associated walleye exploitation rates for lakes surveyed during the 2006/2007 fishing season.

| County | Lake | Acres | Adult PE | Total PE | Angler Harvest | Tribal Harvest | Total Harvest | Angler Exploitation | Angler Exploitation ≥14" | Angler Exploitation ≥20" | Tribal Exploitation | Total Exploitation |
|----------|------------------|-------|----------|----------|----------------|----------------|---------------|---------------------|--------------------------|--------------------------|---------------------|--------------------|
| Forest | Lucerne | 1,026 | 904 | | 101 | 97 | 198 | 0.0403 | 0.0419 | 0.1238 | 0.1073 | 0.1476 |
| Vilas | Snipe | 239 | 1,226 | | 320 | 53 | 373 | 0.1358 | 0.1961 | 0.2483 | 0.0432 | 0.1790 |
| Oneida | Manson | 236 | 305 | | 36 | 53 | 89 | 0.0741 | 0.2791 | 0.2667 | 0.1738 | 0.2478 |
| Vilas | Plum | 1,033 | 4,490 | | 796 | 218 | 1,014 | 0.0416 | 0.0361 | 0.1397 | 0.0486 | 0.0901 |
| Oneida | North Nokomis | 476 | 1,411 | | 164 | 0 | 164 | 0.0977 | 0.1006 | 0.1432 | 0.0000 | 0.0977 |
| Vilas | Big Portage | 638 | 3,186 | | 1,561 | 137 | 1,698 | 0.0510 | 0.0145 | 0.0000 | 0.0430 | 0.0940 |
| Vilas | Lac Vieux Desert | 4,300 | 10,505 | | 3,062 | 596 | 3,658 | 0.0981 | 0.1452 | 0.1963 | 0.0567 | 0.1548 |
| Vilas | Sparkling | 154 | 664 | | 3 | 0 | 3 | 0.0078 | 0.0080 | 0.0345 | 0.0000 | 0.0078 |
| Barron | Beaver Dam | 1,112 | 761 | | 72 | 68 | 140 | 0.1087 | 0.1095 | 0.1829 | 0.0894 | 0.1981 |
| Chippewa | Wissota | 6,300 | 13,017 | | 10,099 | 50 | 10,149 | 0.1457 | 0.0448 | 0.2951 | 0.0038 | 0.1495 |
| Oneida | Buckskin | 634 | 3,964 | | 1,923 | 95 | 2,018 | 0.1469 | 0.1438 | 0.0443 | 0.0240 | 0.1709 |
| Sawyer | Grindstone | 3,111 | 3,500 | | 879 | 356 | 1,235 | 0.0437 | 0.0506 | 0.1217 | 0.1017 | 0.1454 |
| Burnett | Sand | 962 | 307 | | 63 | 59 | 122 | 0.0825 | 0.0829 | 0.1111 | 0.1922 | 0.2747 |
| Polk | Half Moon | 579 | 318 | | 71 | 38 | 109 | 0.0613 | 0.0622 | 0.0000 | 0.1195 | 0.1808 |
| Douglas | Amnicon | 426 | 1,239 | 3,204 | 21 | 0 | 21 | 0.0045 | 0.0160 | 0.0309 | 0.0000 | 0.0045 |
| Bayfield | Diamond | 341 | 391 | | 0 | 117 | 117 | 0.0000 | 0.0000 | 0.0000 | 0.2992 | 0.2992 |

Appendix I. Safe harvest of walleye and musky calculated for individual lakes within the Wisconsin Ceded Territory during 2006.

| County | Lake Name | WBIC Code | Area (acres) | Walleye Method | Walleye SH | Musky Method | Musky SH |
|----------|--------------------|-----------|--------------|----------------|------------|--------------|----------|
| Ashland | Augustine L | 2410400 | 166 | | | Other | 6 |
| Ashland | Bear L | 2403200 | 204 | Other | 84 | Other | 7 |
| Ashland | Beaver Dam L | 2916700 | 118 | | | Other | 5 |
| Ashland | Beaver L | 2935400 | 25 | | | Other | 2 |
| Ashland | Cub L | 1842600 | 31 | | | Other | 2 |
| Ashland | Day L | 2430300 | 641 | | | Other | 14 |
| Ashland | E Twin L | 2429000 | 110 | | | Other | 5 |
| Ashland | English L | 2914800 | 244 | Other | 33 | Other | 8 |
| Ashland | Eureka L | 2935600 | 39 | | | Other | 2 |
| Ashland | Gordon L | 2406500 | 142 | Other | 59 | Other | 5 |
| Ashland | L Galilee | 2935500 | 213 | Other | 11 | Other | 7 |
| Ashland | Meder L | 2935300 | 135 | Other | 19 | | |
| Ashland | Mineral L | 2916900 | 225 | Other | 30 | Other | 7 |
| Ashland | Moquah L | 2918200 | 50 | | | Other | 3 |
| Ashland | Pelican L | 2404800 | 46 | Other | 20 | Other | 3 |
| Ashland | Potter L | 2917200 | 29 | Other | 5 | | |
| Ashland | Spider L | 2918600 | 103 | Other | 7 | Other | 4 |
| Ashland | Spillerberg L | 2936200 | 75 | Other | 32 | Other | 4 |
| Ashland | Tea L | 2922700 | 50 | Other | 22 | | |
| Ashland | Torrey L | 2406700 | 29 | | | Other | 2 |
| Ashland | Upper Clam L | 2429600 | 165 | Other | 23 | Other | 6 |
| Ashland | Zielke L | 2406900 | 21 | Other | 9 | | |
| Barron | Bass L | 1832800 | 118 | Other | 8 | | |
| Barron | Bear L | 2105100 | 1358 | Other | 148 | | |
| Barron | Beaver Dam L | 2081200 | 1112 | Other | 124 | | |
| Barron | Big Dummy L | 1835100 | 111 | Other | 16 | | |
| Barron | Big Moon L | 2079000 | 191 | Other | 26 | Other | 7 |
| Barron | Duck L | 2100300 | 100 | Other | 42 | | |
| Barron | Echo L | 2630200 | 161 | Other | 9 | | |
| Barron | Granite L | 2100800 | 154 | 1-2 Year Pe | 74 | | |
| Barron | Horseshoe L | 2469800 | 115 | Other | 48 | | |
| Barron | Horseshoe L | 2630100 | 377 | Other | 16 | | |
| Barron | L Chetek | 2094000 | 770 | Other | 90 | | |
| Barron | L Montanis | 2103200 | 200 | Other | 27 | | |
| Barron | Little Sand L | 2661600 | 101 | | | Other | 4 |
| Barron | Loon L | 2478600 | 94 | Other | 14 | | |
| Barron | Lower Devils L | 1864000 | 162 | Other | 67 | | |
| Barron | Lower Turtle L | 2079700 | 276 | 1-2 Year Pe | 31 | | |
| Barron | Lower Vermillion L | 2098200 | 208 | Other | 28 | | |
| Barron | Mud L | 2094600 | 577 | Other | 70 | | |
| Barron | Pokegama L | 2094300 | 506 | Other | 62 | | |
| Barron | Poskin L | 2098000 | 150 | Other | 21 | | |
| Barron | Prairie L | 2094100 | 1534 | Other | 164 | | |
| Barron | Red Cedar L | 2109600 | 1841 | 1-2 Year Pe | 457 | | |
| Barron | Rice L | 2103900 | 939 | | | Other | 18 |
| Barron | Sand L | 2661100 | 322 | Other | 42 | Other | 9 |
| Barron | Scott L | 2630700 | 81 | Other | 12 | | |
| Barron | Silver L | 1881100 | 337 | Other | 136 | | |
| Barron | Spring L | 1882800 | 60 | Other | 26 | | |
| Barron | Staples L | 2631200 | 305 | Other | 40 | | |
| Barron | Tenmile L | 2089500 | 376 | Other | 16 | | |
| Barron | Upper Devils L | 2043500 | 86 | Other | 6 | | |
| Barron | Upper Turtle L | 2079800 | 438 | Other | 175 | | |
| Bayfield | Armstrong L | 2754600 | 48 | Other | 21 | | |
| Bayfield | Atkins L | 2734000 | 176 | Other | 73 | | |
| Bayfield | Bellevue L | 2755800 | 65 | Other | 5 | | |
| Bayfield | Bladder L | 2756200 | 81 | Other | 34 | | |
| Bayfield | Bony L | 2742500 | 191 | 1-2 Year Pe | 45 | Other | 7 |
| Bayfield | Buffalo L | 1837700 | 190 | Other | 11 | Other | 7 |
| Bayfield | Buskey Bay | 2903800 | 100 | Other | 42 | Other | 4 |
| Bayfield | Camp One L | 2965700 | 37 | Other | 16 | | |
| Bayfield | Chippewa L | 2431300 | 319 | | | Other | 9 |

| County | Lake Name | WBIC Code | Area (acres) | Walleye Method | Walleye SH | Musky Method | Musky SH |
|----------|---------------------|-----------|--------------|----------------|------------|--------------|----------|
| Bayfield | Cisco L | 2899200 | 95 | Other | 14 | | |
| Bayfield | Cranberry L | 2732800 | 58 | Other | 5 | | |
| Bayfield | Crystal L | 2874700 | 94 | Other | 6 | | |
| Bayfield | Crystal L | 2897300 | 111 | Other | 47 | | |
| Bayfield | Deep L | 2760100 | 125 | Other | 8 | | |
| Bayfield | Diamond L | 2897100 | 341 | Other | 138 | | |
| Bayfield | Drummond L | 2899400 | 130 | Other | 19 | | |
| Bayfield | Eagle L | 2902900 | 170 | Other | 10 | Other | 6 |
| Bayfield | Everett L | 2761600 | 34 | Other | 3 | | |
| Bayfield | Finger L | 2965500 | 76 | Other | 6 | | |
| Bayfield | Flynn L | 2902800 | 29 | Other | 3 | Other | 2 |
| Bayfield | Ghost L | 2423900 | 142 | | | Other | 5 |
| Bayfield | Hammil L | 2467900 | 83 | Other | 6 | | |
| Bayfield | Hart L | 2903200 | 259 | Other | 106 | Other | 8 |
| Bayfield | Hildur L | 2902600 | 67 | | | Other | 3 |
| Bayfield | Iron L | 2877000 | 248 | Other | 13 | | |
| Bayfield | Jackson L | 2734200 | 142 | Other | 9 | | |
| Bayfield | Kelly L | 2472000 | 56 | Other | 4 | | |
| Bayfield | Kern L | 2900500 | 91 | Other | 39 | | |
| Bayfield | L Millicent | 2903700 | 183 | Other | 76 | Other | 6 |
| Bayfield | L Owen | 2900200 | 1323 | Other | 503 | | |
| Bayfield | L Ruth | 2765900 | 66 | Other | 5 | | |
| Bayfield | L Tahkodah | 2473500 | 152 | Other | 9 | | |
| Bayfield | Little Siskiwit L | 2882200 | 37 | Other | 16 | | |
| Bayfield | Long L | 2767100 | 263 | Other | 35 | | |
| Bayfield | Marengo L | 2921100 | 99 | Other | 42 | | |
| Bayfield | Mccarry L | 2903400 | 32 | | | Other | 2 |
| Bayfield | Middle Eau Claire L | 2742100 | 902 | 1-2 Year Pe | 433 | Other | 18 |
| Bayfield | Mill Pond L | 2899700 | 62 | Other | 27 | | |
| Bayfield | Mullenhoff L | 2876500 | 69 | Other | 5 | | |
| Bayfield | Muskellunge L | 2903600 | 45 | Other | 4 | | |
| Bayfield | Namekagon L | 2732600 | 3227 | Other | 1173 | Other | 39 |
| Bayfield | Perch L | 2770800 | 25 | Other | 11 | | |
| Bayfield | Perry L | 2730800 | 50 | Other | 4 | | |
| Bayfield | Pigeon L | 2489400 | 213 | Other | 11 | | |
| Bayfield | Samoset L | 2494800 | 46 | Other | 4 | | |
| Bayfield | Siskiwit L | 2882300 | 330 | 1-2 Year Pe | 86 | | |
| Bayfield | Spider L | 2774200 | 75 | Other | 6 | | |
| Bayfield | Spider L | 2876200 | 124 | Other | 8 | | |
| Bayfield | Swett L | 2743700 | 88 | Other | 37 | | |
| Bayfield | Trapper L | 2734500 | 84 | Other | 36 | | |
| Bayfield | Twin Bear L | 2903100 | 172 | Other | 71 | Other | 6 |
| Bayfield | Upper Eau Claire L | 2742700 | 996 | 1-2 Year Pe | 212 | 1-2 Year Pe | 16 |
| Burnett | Big Bear L | 2705700 | 189 | Other | 11 | | |
| Burnett | Big Mckenzie L | 2706800 | 1185 | Other | 131 | Other | 21 |
| Burnett | Big Sand L | 2676800 | 1400 | Other | 34 | | |
| Burnett | Big Trade L | 2638700 | 304 | | | Other | 9 |
| Burnett | Clam R Fl | 2654500 | 359 | Other | 145 | | |
| Burnett | Clear L | 2457600 | 115 | Other | 7 | | |
| Burnett | Danbury Fl | 2674500 | 256 | | | Other | 8 |
| Burnett | Des Moines L | 2674200 | 229 | Other | 12 | Other | 7 |
| Burnett | Devils L | 2461100 | 1001 | Other | 113 | | |
| Burnett | Dunham L | 2651800 | 243 | Other | 33 | | |
| Burnett | Elbow L | 2463100 | 233 | Other | 12 | | |
| Burnett | Lipsett L | 2678100 | 393 | 1-2 Year Pe | 26 | | |
| Burnett | Little Mcgraw L | 2477000 | 55 | Other | 9 | | |
| Burnett | Little Trade L | 2639300 | 130 | | | Other | 5 |
| Burnett | Little Yellow L | 2674800 | 348 | Other | 140 | Other | 10 |
| Burnett | Long L | 2478300 | 49 | Other | 4 | | |
| Burnett | Long L | 2674100 | 251 | Other | 13 | | |
| Burnett | Lower Twin L | 2480000 | 123 | Other | 8 | | |
| Burnett | Mallard L | 2480800 | 113 | Other | 7 | | |
| Burnett | Poquettes L | 2491100 | 97 | Other | 14 | | |
| Burnett | Rice L | 2677900 | 311 | | | Other | 9 |

| County | Lake Name | WBIC Code | Area (acres) | Walleye Method | Walleye SH | Musky Method | Musky SH |
|------------|--------------------|-----------|--------------|----------------|------------|--------------|----------|
| Burnett | Rooney L | 2493100 | 322 | Other | 42 | | |
| Burnett | Round L | 2640100 | 204 | Other | 28 | | |
| Burnett | Sand L | 2495100 | 962 | Other | 109 | | |
| Burnett | Twenty-Six L | 2672500 | 230 | | | Other | 8 |
| Burnett | Viola L | 2598600 | 285 | Other | 14 | | |
| Burnett | Yellow L | 2675200 | 2287 | Other | 846 | Other | 32 |
| Chippewa | Axhandle L | 2092500 | 84 | Other | 6 | | |
| Chippewa | Chippewa Falls Fl | 2152600 | 282 | Other | 115 | | |
| Chippewa | Cornell Fl | 2181400 | 577 | Other | 228 | Other | 14 |
| Chippewa | Holcombe Fl | 2184900 | 3890 | Other | 1400 | Other | 43 |
| Chippewa | L Wissota | 2152800 | 6300 | Other | 2210 | Other | 57 |
| Chippewa | Long L | 2351400 | 1052 | 1-2 Year Pe | 422 | Other | 20 |
| Chippewa | Old Abe L | 2174700 | 1072 | Other | 411 | Other | 20 |
| Chippewa | Otter L | 2157000 | 661 | Other | 79 | | |
| Chippewa | Popple L | 2173900 | 90 | Other | 13 | | |
| Chippewa | Round L | 2169200 | 216 | Other | 29 | Other | 7 |
| Clark | Mead L | 2143900 | 320 | Other | 21 | Other | 5 |
| Douglas | Amnicon L | 2858100 | 426 | Other | 170 | Other | 11 |
| Douglas | Bass L | 2451700 | 126 | Other | 53 | | |
| Douglas | Bear L | 2857700 | 49 | Other | 21 | Other | 3 |
| Douglas | Beauregard L | 2452400 | 93 | Other | 39 | | |
| Douglas | Bond L | 2693700 | 292 | Other | 14 | | |
| Douglas | Clear L | 2457700 | 36 | Other | 16 | | |
| Douglas | Dowling L | 2858300 | 154 | Other | 64 | Other | 6 |
| Douglas | Hoodoo L | 2763900 | 32 | Other | 3 | | |
| Douglas | L Minnesuing | 2866200 | 432 | Other | 173 | | |
| Douglas | L Nebagamon | 2865000 | 914 | 1-2 Year Pe | 141 | | |
| Douglas | Leader L | 2693800 | 165 | Other | 68 | | |
| Douglas | Lower Eau Claire L | 2741600 | 802 | Other | 312 | Other | 17 |
| Douglas | Lund L | 2480300 | 75 | Other | 6 | | |
| Douglas | Lyman L | 2856400 | 403 | Other | 17 | Other | 11 |
| Douglas | Person L | 2488600 | 172 | Other | 10 | | |
| Douglas | Red L | 2492100 | 258 | Other | 13 | | |
| Douglas | Upper St Croix L | 2747300 | 855 | Other | 332 | | |
| Douglas | Whitefish L | 2694000 | 832 | 1-2 Year Pe | 108 | | |
| Dunn | Tainter L | 2068000 | 1752 | Other | 657 | | |
| Eau Claire | Altoona L | 2128100 | 840 | Other | 163 | Other | 9 |
| Eau Claire | Dells Pond | 2149900 | 739 | Other | 288 | Other | 16 |
| Eau Claire | Halfmoon L | 2125400 | 132 | Other | 19 | | |
| Eau Claire | L Eau Claire | 2133200 | 860 | Other | 167 | Other | 9 |
| Florence | Emily L | 651600 | 191 | Other | 26 | | |
| Florence | Fay L | 677100 | 247 | Other | 13 | | |
| Florence | Halsey L | 679300 | 512 | Other | 20 | | |
| Florence | Keyes L | 672900 | 202 | Other | 83 | | |
| Florence | Patten L | 653700 | 255 | 1-2 Year Pe | 61 | | |
| Florence | Pine R Fl | 651300 | 127 | Other | 53 | | |
| Forest | Arbutus L | 181400 | 161 | Other | 23 | | |
| Forest | Birch L | 555500 | 468 | Other | 186 | | |
| Forest | Butternut L | 692400 | 1292 | 1-2 Year Pe | 139 | | |
| Forest | Crane L | 388500 | 337 | Other | 44 | | |
| Forest | Franklin L | 692900 | 892 | 1-2 Year Pe | 45 | | |
| Forest | Ground Hemlock L | 395900 | 88 | Other | 13 | | |
| Forest | Howell L | 691800 | 177 | Other | 10 | | |
| Forest | Jungle L | 377900 | 182 | 1-2 Year Pe | 260 | | |
| Forest | King L | 501700 | 33 | Other | 14 | | |
| Forest | L Lucerne | 396500 | 1026 | Other | 116 | | |
| Forest | L Metonga | 394400 | 1991 | 1-2 Year Pe | 126 | | |
| Forest | Lily L | 376900 | 211 | Other | 87 | Other | 7 |
| Forest | Little Long L | 190500 | 102 | Other | 7 | | |
| Forest | Mole L | 390600 | 73 | Other | 5 | | |
| Forest | Pine L | 406900 | 1670 | Other | 177 | | |
| Forest | Quartz L | 591000 | 47 | | | Other | 3 |
| Forest | Range Line L | 478200 | 82 | Other | 12 | | |
| Forest | Riley L | 557100 | 213 | | | Other | 7 |

| County | Lake Name | WBIC Code | Area (acres) | Walleye Method | Walleye SH | Musky Method | Musky SH |
|----------|---------------------|-----------|--------------|----------------|------------|--------------|----------|
| Forest | Roberts L | 378400 | 414 | Other | 52 | Other | 11 |
| Forest | Silver L | 555700 | 320 | Other | 15 | Other | 9 |
| Forest | St Johns L | 388700 | 96 | Other | 7 | | |
| Forest | Stevens L | 683000 | 297 | Other | 39 | | |
| Forest | Trump L | 479300 | 172 | Other | 24 | | |
| Forest | Wabikon L | 556900 | 594 | | | Other | 14 |
| Forest | Windfall L | 373500 | 55 | | | Other | 3 |
| Iron | Bearskull L | 2265100 | 75 | Other | 11 | | |
| Iron | Big Pine L | 2270700 | 632 | Other | 248 | Other | 14 |
| Iron | Boot L | 2297800 | 180 | Other | 25 | Other | 6 |
| Iron | Catherine L | 2309100 | 118 | Other | 17 | | |
| Iron | Cedar L | 2309700 | 193 | Other | 27 | Other | 7 |
| Iron | Charnley L | 1840400 | 71 | Other | 5 | | |
| Iron | Clear L | 2303700 | 67 | Other | 5 | Other | 3 |
| Iron | Echo L | 2301800 | 220 | Other | 90 | Other | 7 |
| Iron | Fisher L | 2307300 | 452 | Other | 56 | Other | 12 |
| Iron | French L | 1849600 | 92 | Other | 6 | Other | 4 |
| Iron | Gile Fl | 2942300 | 3384 | Other | 1227 | Other | 40 |
| Iron | Grand Portage L | 2314100 | 144 | Other | 20 | Other | 6 |
| Iron | Grant L | 2312500 | 107 | Other | 7 | Other | 5 |
| Iron | Hewitt L | 2763300 | 78 | | | Other | 4 |
| Iron | Island L | 2945500 | 352 | Other | 45 | Other | 10 |
| Iron | L Of The Falls | 2298300 | 338 | Other | 136 | Other | 10 |
| Iron | L Tahoe | 2314000 | 37 | Other | 3 | Other | 2 |
| Iron | Little Martha L | 2314700 | 35 | Other | 3 | Other | 2 |
| Iron | Long L | 2303500 | 396 | Other | 50 | Other | 11 |
| Iron | Lower Springstead L | 2267000 | 95 | Other | 40 | Other | 4 |
| Iron | Martha L | 2314300 | 146 | Other | 61 | | |
| Iron | Mcdermott L | 2296500 | 84 | Other | 6 | | |
| Iron | Mercer L | 2313600 | 184 | Other | 25 | Other | 7 |
| Iron | Moose L | 2299300 | 269 | | | Other | 8 |
| Iron | Mud L | 2316400 | 56 | Other | 24 | | |
| Iron | Muskie L | 2266800 | 81 | Other | 34 | Other | 4 |
| Iron | N Bass L | 1868900 | 180 | | | Other | 6 |
| Iron | Owl L | 2307600 | 129 | Other | 19 | Other | 5 |
| Iron | Oxbow L | 2302300 | 80 | Other | 34 | Other | 4 |
| Iron | Pardee L | 2308000 | 206 | Other | 85 | Other | 7 |
| Iron | Pike L | 2299900 | 194 | Other | 80 | Other | 7 |
| Iron | Pine L | 2949200 | 312 | 1-2 Year Pe | 213 | Other | 9 |
| Iron | Plunkett L | 2325200 | 48 | Other | 4 | | |
| Iron | Randall L | 2318500 | 115 | Other | 48 | Other | 5 |
| Iron | Rice L | 2300600 | 125 | Other | 52 | Other | 5 |
| Iron | Sandy Beach L | 2316100 | 111 | Other | 47 | | |
| Iron | Saxon Falls Fl | 2941100 | 41 | Other | 18 | Other | 2 |
| Iron | Second Black L | 2298600 | 60 | Other | 26 | | |
| Iron | Spider L | 2306300 | 352 | Other | 142 | Other | 10 |
| Iron | Stone L | 2267200 | 82 | Other | 6 | Other | 4 |
| Iron | Third Black L | 2298800 | 68 | Other | 29 | | |
| Iron | Trude L | 2295200 | 781 | Other | 304 | Other | 16 |
| Iron | Turtle-Flambeau Fl | 2294900 | 13545 | Other | 4548 | Other | 89 |
| Iron | Upper Springstead L | 2267100 | 126 | Other | 53 | Other | 5 |
| Iron | Virgin L | 2304500 | 119 | | | Other | 5 |
| Iron | Wilson L | 2297000 | 162 | | | Other | 6 |
| Langlade | Big Twin L | 182200 | 60 | Other | 5 | | |
| Langlade | Deep Wood L | 1445100 | 72 | | | Other | 3 |
| Langlade | Duck L | 981500 | 123 | Other | 8 | | |
| Langlade | Enterprise L | 1579700 | 505 | 1-2 Year Pe | 52 | Other | 12 |
| Langlade | Goto L | 348700 | 28 | Other | 3 | | |
| Langlade | Greater Bass L | 1445500 | 246 | | | Other | 8 |
| Langlade | Jessie L | 188700 | 35 | Other | 3 | | |
| Langlade | Lawrence L | 997300 | 50 | Other | 8 | | |
| Langlade | Moccasin L | 1005600 | 110 | 1-2 Year Pe | 10 | Other | 5 |
| Langlade | Mueller L | 194000 | 88 | Other | 13 | | |
| Langlade | Otter L | 387200 | 83 | 1-2 Year Pe | 63 | | |

| County | Lake Name | WBIC Code | Area (acres) | Walleye Method | Walleye SH | Musky Method | Musky SH |
|-----------|-----------------------|-----------|--------------|----------------|------------|--------------|----------|
| Langlade | Pickerel L | 388100 | 1299 | Other | 33 | | |
| Langlade | Rolling Stone L | 389300 | 672 | Other | 80 | | |
| Langlade | Rose L | 494200 | 112 | 1-2 Year Pe | 84 | | |
| Langlade | Sawyer L | 198100 | 149 | Other | 62 | | |
| Langlade | Summit L | 1445600 | 282 | Other | 14 | Other | 9 |
| Langlade | Upper Post L | 399200 | 757 | Other | 89 | | |
| Langlade | Water Power L | 1445400 | 22 | | | Other | 2 |
| Langlade | White L | 365500 | 166 | Other | 10 | | |
| Lincoln | Alexander L | 1494600 | 677 | Other | 23 | Other | 15 |
| Lincoln | Bass L | 969600 | 100 | Other | 15 | | |
| Lincoln | Crystal L | 979100 | 109 | 1-2 Year Pe | 7 | | |
| Lincoln | Deer L | 1519600 | 152 | Other | 63 | Other | 6 |
| Lincoln | Grandfather Fl | 1502400 | 223 | Other | 12 | | |
| Lincoln | Grandmother Fl | 1503000 | 119 | Other | 8 | | |
| Lincoln | Jersey City Fl | 1516000 | 433 | Other | 173 | Other | 11 |
| Lincoln | L Alice | 1555900 | 1369 | Other | 519 | Other | 23 |
| Lincoln | L Mohawksin | 1515400 | 1910 | Other | 713 | Other | 28 |
| Lincoln | L Nokomis | 1516500 | 2433 | Other | 897 | Other | 33 |
| Lincoln | Long L | 1001000 | 132 | Other | 19 | | |
| Lincoln | Merrill Fl | 1481100 | 164 | Other | 68 | | |
| Lincoln | Muskellunge L | 1555500 | 167 | 1-2 Year Pe | 10 | | |
| Lincoln | Pesabic L | 1481600 | 146 | Other | 21 | | |
| Lincoln | Pine L | 1012100 | 134 | Other | 19 | Other | 5 |
| Lincoln | Rice R Fl | 1516400 | 920 | Other | 356 | Other | 18 |
| Lincoln | Seven Island L | 1490300 | 132 | Other | 19 | Other | 5 |
| Lincoln | Silver L | 1017400 | 82 | Other | 35 | | |
| Lincoln | Somo L | 1547700 | 472 | Other | 59 | Other | 12 |
| Lincoln | Spirit R Fl | 1506800 | 1663 | 1-2 Year Pe | 582 | Other | 26 |
| Lincoln | Squaw L | 1564400 | 82 | Other | 12 | Other | 4 |
| Lincoln | Thompson L | 1022200 | 30 | | | Other | 2 |
| Lincoln | Tug L | 1482400 | 151 | Other | 63 | Other | 6 |
| Marathon | Big Eau Pleine Reserv | 1427400 | 6830 | Other | 1908 | Other | 48 |
| Marathon | L Wausau | 1437500 | 1918 | Other | 72 | Other | 3 |
| Marathon | Mayflower L | 310500 | 98 | Other | 15 | | |
| Marathon | Mission L | 1005400 | 107 | | | Other | 5 |
| Marathon | Pike L | 1406300 | 205 | Other | 28 | | |
| Marathon | Wausau Dam L | 1469700 | 284 | Other | 11 | | |
| Marinette | Big Newton L | 498800 | 68 | Other | 29 | | |
| Marinette | Caldron Falls Reservo | 545400 | 1018 | Other | 29 | Other | 19 |
| Marinette | High Falls Reservoir | 540600 | 1498 | Other | 566 | | |
| Marinette | Hilbert L | 501200 | 247 | Other | 33 | | |
| Marinette | Johnson Falls Fl | 533300 | 68 | Other | 29 | | |
| Marinette | Little Newton L | 502300 | 60 | Other | 26 | | |
| Marinette | Oneonta L | 503300 | 66 | Other | 5 | | |
| Marinette | Sandstone Fl | 531300 | 153 | Other | 32 | | |
| Oconto | Archibald L | 417400 | 430 | Other | 54 | Other | 11 |
| Oconto | Bass L | 417900 | 149 | Other | 62 | | |
| Oconto | Bear L | 471200 | 78 | Other | 6 | | |
| Oconto | Boot L | 418700 | 235 | Other | 96 | Other | 8 |
| Oconto | Boulder L | 491800 | 362 | Other | 16 | | |
| Oconto | Boundary L | 499000 | 37 | Other | 3 | | |
| Oconto | Crooked L | 462000 | 143 | Other | 9 | | |
| Oconto | Horn L | 467100 | 132 | Other | 8 | | |
| Oconto | Maiden L | 487500 | 290 | Other | 38 | | |
| Oconto | Munger L | 470900 | 97 | Other | 7 | Other | 4 |
| Oconto | Paya L | 425600 | 121 | Other | 8 | | |
| Oconto | Townsend Fl | 465000 | 476 | Other | 19 | | |
| Oconto | Waubee L | 439500 | 137 | Other | 8 | | |
| Oconto | Wheeler L | 439800 | 293 | Other | 119 | | |
| Oneida | Aldridge L | 967400 | 134 | Other | 56 | | |
| Oneida | Alva L | 968100 | 201 | Other | 83 | | |
| Oneida | Baker L | 1546000 | 42 | Other | 18 | | |
| Oneida | Bass L | 1580300 | 124 | Other | 52 | Other | 5 |
| Oneida | Bear L | 1527800 | 312 | Other | 41 | | |

| County | Lake Name | WBIC Code | Area (acres) | Walleye Method | Walleye SH | Musky Method | Musky SH |
|--------|-----------------------|-----------|--------------|----------------|------------|--------------|----------|
| Oneida | Bearskin L | 1523600 | 400 | 1-2 Year Pe | 784 | Other | 11 |
| Oneida | Big Carr L | 971600 | 213 | Other | 88 | Other | 7 |
| Oneida | Big Fork L | 1610700 | 690 | Other | 270 | Other | 15 |
| Oneida | Big L | 1613000 | 865 | Other | 335 | Other | 17 |
| Oneida | Big Stone L | 1612200 | 548 | Other | 217 | Other | 13 |
| Oneida | Birch L | 1523800 | 180 | Other | 74 | | |
| Oneida | Bird L | 972000 | 99 | Other | 42 | | |
| Oneida | Blue L | 1538600 | 456 | Other | 182 | | |
| Oneida | Bolger L | 973000 | 119 | Other | 17 | | |
| Oneida | Boom L | 1580200 | 437 | Other | 175 | Other | 11 |
| Oneida | Booth L | 1537800 | 207 | 1-2 Year Pe | 20 | 1-2 Year Pe | 16 |
| Oneida | Bridge L | 1516800 | 411 | Other | 165 | Other | 11 |
| Oneida | Brown L | 973700 | 98 | Other | 7 | | |
| Oneida | Buckskin L | 2272600 | 634 | Other | 174 | Other | 10 |
| Oneida | Buffalo L | 974200 | 104 | Other | 44 | | |
| Oneida | Burrows L | 975000 | 156 | Other | 9 | Other | 6 |
| Oneida | Carrol L | 1544800 | 352 | 1-2 Year Pe | 35 | Other | 10 |
| Oneida | Chain L | 1598000 | 219 | Other | 90 | Other | 7 |
| Oneida | Clear L | 977100 | 36 | Other | 3 | | |
| Oneida | Clear L | 977200 | 30 | Other | 13 | Other | 2 |
| Oneida | Clear L | 977400 | 62 | Other | 27 | Other | 3 |
| Oneida | Clear L | 977500 | 846 | 1-2 Year Pe | 257 | Other | 17 |
| Oneida | Clear L | 2272555 | 212 | Other | 85 | Other | 7 |
| Oneida | Clearwater L | 1616400 | 351 | Other | 141 | Other | 10 |
| Oneida | Columbus L | 1616900 | 670 | Other | 263 | | |
| Oneida | Crescent L | 1564200 | 612 | Other | 241 | Other | 14 |
| Oneida | Crooked L | 1613300 | 176 | Other | 10 | | |
| Oneida | Cunard L | 1590000 | 43 | Other | 19 | | |
| Oneida | Currie L | 979300 | 96 | Other | 41 | | |
| Oneida | Dam L | 1596900 | 744 | 1-2 Year Pe | 261 | Other | 16 |
| Oneida | Deer L | 1612300 | 177 | Other | 73 | Other | 6 |
| Oneida | Diamond L | 1537100 | 124 | Other | 52 | Other | 5 |
| Oneida | Dog L | 1590200 | 37 | Other | 3 | | |
| Oneida | Dog L | 1612900 | 216 | Other | 89 | Other | 7 |
| Oneida | E Horsehead L | 1523000 | 184 | Other | 76 | Other | 7 |
| Oneida | E Twin L | 982400 | 47 | Other | 4 | | |
| Oneida | Echo L | 1597800 | 107 | Other | 45 | Other | 5 |
| Oneida | Emma L | 983500 | 223 | Other | 30 | | |
| Oneida | Fifth L | 1571100 | 240 | Other | 98 | Other | 8 |
| Oneida | Fish L | 1570600 | 70 | Other | 30 | Other | 3 |
| Oneida | Fourmile L | 1610800 | 218 | Other | 90 | Other | 7 |
| Oneida | Fourth L | 1572000 | 258 | Other | 105 | Other | 8 |
| Oneida | Franklin L | 986000 | 161 | Other | 23 | Other | 6 |
| Oneida | Garth L | 986600 | 114 | Other | 48 | | |
| Oneida | George L | 1569600 | 435 | Other | 174 | Other | 11 |
| Oneida | Gilmore L | 1589300 | 301 | Other | 39 | Other | 9 |
| Oneida | Hancock L | 1517900 | 259 | Other | 13 | Other | 8 |
| Oneida | Hasbrook L | 1589100 | 302 | Other | 122 | Other | 9 |
| Oneida | Hat Rapids Fl | 1567325 | 650 | Other | 255 | | |
| Oneida | Hemlock L | 989200 | 39 | Other | 17 | | |
| Oneida | Hill L | 990200 | 30 | Other | 3 | | |
| Oneida | Hixon L | 1568900 | 50 | Other | 4 | | |
| Oneida | Hodstradt L | 990700 | 126 | Other | 18 | | |
| Oneida | Indian L | 1598900 | 397 | 1-2 Year Pe | 59 | | |
| Oneida | Island L | 1610500 | 295 | Other | 120 | Other | 9 |
| Oneida | Jennie Webber L | 1574300 | 226 | Other | 31 | | |
| Oneida | Julia L (Three Lakes) | 1614300 | 401 | Other | 51 | Other | 11 |
| Oneida | Kate Pier L | 1586300 | 34 | Other | 15 | | |
| Oneida | Kathan L | 1598300 | 189 | Other | 78 | | |
| Oneida | Katherine L | 1543300 | 590 | Other | 233 | Other | 14 |
| Oneida | Kawaguesaga L | 1542300 | 670 | Other | 263 | Other | 15 |
| Oneida | Killarney L | 1520900 | 421 | Other | 17 | | |
| Oneida | L Creek | 1580500 | 172 | Other | 71 | Other | 6 |
| Oneida | L Julia (Rhinelander) | 995000 | 238 | Other | 97 | Other | 8 |

| County | Lake Name | WBIC Code | Area (acres) | Walleye Method | Walleye SH | Musky Method | Musky SH |
|--------|--------------------|-----------|--------------|----------------|------------|--------------|----------|
| Oneida | L Seventeen | 996100 | 172 | Other | 10 | | |
| Oneida | L Thompson | 1569900 | 382 | 1-2 Year Pe | 53 | Other | 10 |
| Oneida | Laurel L | 1611800 | 232 | Other | 95 | Other | 8 |
| Oneida | Little Bearskin L | 1523500 | 164 | Other | 23 | | |
| Oneida | Little Carr L | 998800 | 52 | Other | 4 | | |
| Oneida | Little Fork L | 1610600 | 354 | Other | 143 | Other | 10 |
| Oneida | Little Tomahawk L | 1543900 | 160 | 1-2 Year Pe | 37 | Other | 6 |
| Oneida | Lone Stone L | 1605600 | 172 | Other | 10 | Other | 6 |
| Oneida | Long L | 1001300 | 175 | Other | 72 | Other | 6 |
| Oneida | Long L | 1609000 | 620 | Other | 244 | Other | 14 |
| Oneida | Long L | 1618300 | 56 | Other | 24 | Other | 3 |
| Oneida | Lost L | 1575100 | 155 | Other | 64 | | |
| Oneida | Lower Kaubashine L | 1534800 | 187 | Other | 26 | Other | 7 |
| Oneida | Lower Ninemile L | 1605200 | 646 | Other | 22 | | |
| Oneida | Lumen L | 1002800 | 49 | Other | 21 | | |
| Oneida | Madeline L | 1544700 | 159 | | | Other | 6 |
| Oneida | Manson L | 1517200 | 236 | Other | 97 | Other | 8 |
| Oneida | Maple L | 1609900 | 144 | Other | 9 | | |
| Oneida | Margaret L | 1615900 | 88 | Other | 37 | | |
| Oneida | Marion L | 1003100 | 62 | Other | 5 | | |
| Oneida | Mars L | 1577100 | 41 | Other | 18 | | |
| Oneida | Mccormick L | 1526600 | 118 | Other | 8 | | |
| Oneida | Medicine L | 1611700 | 372 | Other | 150 | Other | 10 |
| Oneida | Mercer L | 1538900 | 257 | Other | 105 | Other | 8 |
| Oneida | Mid L | 1542600 | 215 | Other | 11 | Other | 7 |
| Oneida | Mildred L | 1004600 | 191 | 1-2 Year Pe | 19 | | |
| Oneida | Minocqua L | 1542400 | 1360 | Other | 516 | Other | 23 |
| Oneida | Moccasin L | 1612100 | 95 | Other | 40 | Other | 4 |
| Oneida | Moen L | 1573800 | 460 | Other | 18 | Other | 12 |
| Oneida | Mud L | 1544000 | 41 | Other | 18 | | |
| Oneida | Mud L | 1612500 | 124 | Other | 8 | Other | 5 |
| Oneida | Muskellunge L | 1595600 | 284 | Other | 115 | Other | 9 |
| Oneida | Muskie L | 1524300 | 43 | Other | 4 | | |
| Oneida | N Nokomis L | 1595800 | 476 | Other | 59 | Other | 12 |
| Oneida | N Two L | 1007500 | 146 | Other | 61 | | |
| Oneida | Oatmeal L | 1597300 | 97 | Other | 7 | | |
| Oneida | Oneida L | 1518200 | 255 | Other | 104 | Other | 8 |
| Oneida | Paradise L | 1009400 | 89 | Other | 13 | | |
| Oneida | Pelican L | 1579900 | 3585 | Other | 1296 | Other | 41 |
| Oneida | Pickereel L | 1583000 | 49 | Other | 4 | | |
| Oneida | Pickereel L | 1590400 | 736 | Other | 87 | Other | 16 |
| Oneida | Pier L | 1529700 | 257 | Other | 34 | | |
| Oneida | Pine L | 1012200 | 203 | Other | 84 | | |
| Oneida | Pine L | 1581700 | 240 | Other | 98 | Other | 8 |
| Oneida | Planting Ground L | 1609100 | 1012 | Other | 389 | Other | 19 |
| Oneida | Prairie L | 1013000 | 58 | Other | 25 | | |
| Oneida | Rainbow Fl | 1595300 | 2035 | Other | 757 | Other | 29 |
| Oneida | Range Line L | 1610300 | 123 | Other | 52 | Other | 5 |
| Oneida | Rhinelande Fl | 1580100 | 1326 | Other | 504 | Other | 23 |
| Oneida | Rocky Run Fl | 1525500 | 96 | Other | 41 | | |
| Oneida | Round L | 1610400 | 150 | Other | 62 | Other | 6 |
| Oneida | S Pine L | 1580700 | 77 | Other | 33 | | |
| Oneida | S Two L | 1015500 | 214 | Other | 88 | | |
| Oneida | Sand L | 1597000 | 540 | 1-2 Year Pe | 250 | Other | 13 |
| Oneida | Scotchman L | 1016200 | 33 | Other | 3 | | |
| Oneida | Second L | 1572300 | 111 | Other | 47 | Other | 5 |
| Oneida | Sevenmile L | 1605800 | 503 | Other | 62 | Other | 12 |
| Oneida | Shepard L | 1576100 | 179 | Other | 10 | Other | 6 |
| Oneida | Shishebogama L | 1539600 | 716 | Other | 42 | Other | 8 |
| Oneida | Skunk L | 1533200 | 130 | Other | 54 | | |
| Oneida | Soo L | 1018900 | 135 | Other | 56 | Other | 5 |
| Oneida | Spider L | 1586600 | 118 | Other | 50 | Other | 5 |
| Oneida | Spirit L | 1612000 | 368 | Other | 148 | Other | 10 |
| Oneida | Squash L | 1019500 | 392 | Other | 17 | | |

| County | Lake Name | WBIC Code | Area (acres) | Walleye Method | Walleye SH | Musky Method | Musky SH |
|---------|--------------------|-----------|--------------|----------------|------------|--------------|----------|
| Oneida | Squirrel L | 1536300 | 1317 | 1-2 Year Pe | 637 | Other | 22 |
| Oneida | Stella L | 1575700 | 405 | Other | 17 | Other | 11 |
| Oneida | Stone L | 1597600 | 188 | | | Other | 7 |
| Oneida | Stone L | 2272700 | 248 | Other | 101 | | |
| Oneida | Sunday L | 1020600 | 88 | Other | 6 | | |
| Oneida | Sunset L | 1572500 | 33 | Other | 14 | Other | 2 |
| Oneida | Swamp L | 1522400 | 296 | Other | 39 | | |
| Oneida | Swamsauger L | 1528700 | 141 | Other | 59 | | |
| Oneida | Sweeney L | 1589600 | 187 | Other | 77 | Other | 7 |
| Oneida | Tamarack L | 1582200 | 99 | Other | 42 | | |
| Oneida | Third L | 1572200 | 103 | Other | 43 | Other | 4 |
| Oneida | Thunder L | 1580400 | 172 | Other | 71 | Other | 6 |
| Oneida | Thunder L | 1618100 | 1768 | Other | 186 | | |
| Oneida | Tim Lynn L | 1597400 | 84 | Other | 36 | | |
| Oneida | Tom Doyle L | 1586800 | 102 | Other | 15 | Other | 4 |
| Oneida | Tomahawk L | 1542700 | 3392 | 1-2 Year Pe | 787 | Other | 40 |
| Oneida | Townline L | 1609600 | 152 | Other | 63 | Other | 6 |
| Oneida | Turtle L | 1587400 | 53 | Other | 4 | | |
| Oneida | Two Sisters L | 1588200 | 719 | 1-2 Year Pe | 245 | Other | 16 |
| Oneida | Upper Kaubashine L | 1535000 | 190 | Other | 78 | Other | 7 |
| Oneida | Venus L | 1577000 | 65 | Other | 28 | | |
| Oneida | Virgin L | 1614100 | 276 | Other | 112 | Other | 8 |
| Oneida | W Horsehead L | 1522900 | 145 | Other | 9 | Other | 6 |
| Oneida | W Twin L | 1177400 | 28 | Other | 3 | | |
| Oneida | Walters L | 1582800 | 61 | Other | 26 | | |
| Oneida | Whitefish L | 1613500 | 205 | Other | 11 | Other | 7 |
| Oneida | Wildwood L | 1178600 | 28 | Other | 3 | | |
| Oneida | Willow FI | 1528300 | 5135 | Other | 1821 | Other | 51 |
| Oneida | Willow L | 1529500 | 395 | Other | 17 | Other | 11 |
| Polk | Antler L | 2449400 | 101 | Other | 7 | | |
| Polk | Apple R FI | 2624200 | 639 | | | Other | 14 |
| Polk | Balsam L | 2620600 | 2054 | 1-2 Year Pe | 213 | | |
| Polk | Bear L | 2452200 | 155 | Other | 64 | | |
| Polk | Bear Trap L | 2618100 | 241 | Other | 12 | | |
| Polk | Big Blake L | 2627000 | 217 | Other | 12 | | |
| Polk | Big Butternut L | 2641000 | 378 | Other | 48 | | |
| Polk | Big Round L | 2627400 | 1015 | Other | 115 | | |
| Polk | Bone L | 2628100 | 1781 | | | Other | 27 |
| Polk | Clear L | 2623500 | 30 | Other | 3 | | |
| Polk | Deer L | 2619400 | 807 | | | Other | 17 |
| Polk | Half Moon L | 2621100 | 579 | Other | 70 | | |
| Polk | Indianhead FI | 2634400 | 776 | Other | 302 | | |
| Polk | Little Butternut L | 2640700 | 189 | Other | 26 | | |
| Polk | Magnor L | 2624600 | 224 | Other | 30 | | |
| Polk | Mckeith L | 2481500 | 72 | Other | 5 | | |
| Polk | N Pipe L | 2485700 | 58 | 1-2 Year Pe | 7 | | |
| Polk | N Twin L | 2623900 | 135 | Other | 8 | | |
| Polk | Pike L | 2624000 | 159 | Other | 9 | | |
| Polk | Pipe L | 2490500 | 284 | 1-2 Year Pe | 37 | | |
| Polk | Poplar L | 2491000 | 125 | Other | 8 | | |
| Polk | Sand L | 2495000 | 187 | Other | 26 | | |
| Polk | Vincent L | 2598500 | 70 | Other | 5 | | |
| Polk | Wapogasset L | 2618000 | 1186 | Other | 131 | | |
| Polk | Ward L | 2599400 | 91 | Other | 14 | | |
| Portage | Tree L | 289400 | 74 | Other | 5 | | |
| Price | Amik L | 2268600 | 224 | | | Other | 7 |
| Price | Bass L | 2282200 | 58 | Other | 25 | Other | 3 |
| Price | Big Dardis L | 2244200 | 144 | Other | 60 | Other | 6 |
| Price | Butternut L | 2283300 | 1006 | Other | 387 | Other | 19 |
| Price | Crane + Chase L | 2237500 | 86 | Other | 37 | Other | 4 |
| Price | Crowley FI | 2287200 | 422 | Other | 17 | Other | 11 |
| Price | Deer L | 2239100 | 145 | | | Other | 6 |
| Price | Duroy L | 2240100 | 379 | Other | 152 | Other | 10 |
| Price | Elk L | 2240000 | 88 | Other | 37 | Other | 4 |

| County | Lake Name | WBIC Code | Area (acres) | Walleye Method | Walleye SH | Musky Method | Musky SH |
|-----------|---------------------|-----------|--------------|----------------|------------|--------------|----------|
| Price | Grassy L | 2238100 | 81 | Other | 34 | Other | 4 |
| Price | Island L | 2260900 | 29 | Other | 3 | | |
| Price | Lac Sault Dore | 2236800 | 561 | Other | 222 | Other | 13 |
| Price | Long L | 2239300 | 418 | Other | 167 | Other | 11 |
| Price | Long L | 2282000 | 241 | Other | 99 | Other | 8 |
| Price | Lower Park Falls Fl | 2290100 | 71 | Other | 30 | Other | 3 |
| Price | Miles L | 2271100 | 32 | | | Other | 2 |
| Price | Musser L | 2245100 | 563 | Other | 68 | Other | 13 |
| Price | N Spirit L | 1515200 | 213 | 1-2 Year Pe | 55 | Other | 7 |
| Price | Pike L | 2268300 | 806 | 1-2 Year Pe | 284 | Other | 17 |
| Price | Pixley Fl | 2288900 | 334 | Other | 135 | Other | 10 |
| Price | Round L | 2267800 | 726 | 1-2 Year Pe | 431 | Other | 16 |
| Price | Schnur L | 2284000 | 158 | Other | 66 | Other | 6 |
| Price | Solberg L | 2242500 | 859 | Other | 333 | Other | 17 |
| Price | Spirit L | 1513000 | 126 | | | Other | 5 |
| Price | Thompson L | 2265900 | 111 | Other | 7 | Other | 5 |
| Price | Tucker L | 2269000 | 118 | Other | 8 | | |
| Price | Turner L | 2268500 | 149 | 1-2 Year Pe | 31 | Other | 6 |
| Price | Upper Park Falls Fl | 2290500 | 431 | | | Other | 11 |
| Price | Upper Price L | 2235300 | 43 | Other | 4 | Other | 2 |
| Price | Whitcomb L | 2266100 | 44 | Other | 7 | Other | 3 |
| Price | Wilson L | 2239400 | 351 | Other | 141 | Other | 10 |
| Price | Worcester L | 2210900 | 100 | Other | 42 | | |
| Rusk | Amacoy L | 2359700 | 278 | Other | 37 | Other | 9 |
| Rusk | Audie L | 2368700 | 128 | | | Other | 5 |
| Rusk | Bass L | 2090900 | 88 | Other | 6 | | |
| Rusk | Big Falls Fl | 2230100 | 369 | Other | 148 | Other | 10 |
| Rusk | Chain L | 2350500 | 468 | Other | 58 | Other | 12 |
| Rusk | Clear L | 2350600 | 95 | Other | 14 | Other | 4 |
| Rusk | Dairyland Reservoir | 2229200 | 1745 | Other | 654 | Other | 27 |
| Rusk | Fireside Lakes | 2349500 | 302 | Other | 122 | | |
| Rusk | Island L | 2350200 | 526 | Other | 64 | Other | 13 |
| Rusk | Ladysmith Fl | 2228700 | 288 | Other | 117 | Other | 9 |
| Rusk | Mccann L | 2350400 | 133 | Other | 19 | Other | 5 |
| Rusk | Perch L | 2368500 | 23 | | | Other | 2 |
| Rusk | Potato L | 2355300 | 534 | Other | 65 | Other | 13 |
| Rusk | Pulaski L | 1875900 | 126 | Other | 53 | | |
| Rusk | Sand L | 2353600 | 262 | Other | 35 | Other | 8 |
| Rusk | Thornapple Fl | 2227500 | 268 | Other | 109 | Other | 8 |
| St. Croix | Cedar L | 2615100 | 1100 | 1-2 Year Pe | 237 | Other | 20 |
| Sawyer | Barber L | 2382300 | 238 | Other | 32 | Other | 8 |
| Sawyer | Barker L | 2400000 | 238 | Other | 97 | Other | 8 |
| Sawyer | Beverly L | 2387200 | 9 | | | Other | 1 |
| Sawyer | Black Dan L | 2381900 | 128 | Other | 8 | Other | 5 |
| Sawyer | Black L | 2401300 | 129 | Other | 8 | Other | 5 |
| Sawyer | Blaisdell L | 2402200 | 356 | Other | 16 | Other | 10 |
| Sawyer | Boos L | 2425000 | 37 | Other | 16 | Other | 2 |
| Sawyer | Burns L | 2436400 | 37 | 1-2 Year Pe | 4 | Other | 2 |
| Sawyer | Callahan L | 2434700 | 106 | | | Other | 5 |
| Sawyer | Clear L | 1841300 | 77 | | | Other | 4 |
| Sawyer | Connors L | 2275100 | 429 | Other | 171 | Other | 11 |
| Sawyer | Durphee L | 2396800 | 193 | Other | 80 | | |
| Sawyer | Evergreen L | 2277600 | 200 | Other | 82 | Other | 7 |
| Sawyer | Fawn L | 2435900 | 23 | Other | 2 | | |
| Sawyer | Fishtrap L | 2401100 | 216 | | | Other | 7 |
| Sawyer | Ghost L | 2423000 | 372 | 1-2 Year Pe | 55 | Other | 10 |
| Sawyer | Grimh Fl | 2385100 | 86 | Other | 6 | Other | 4 |
| Sawyer | Grindstone L | 2391200 | 3111 | Other | 555 | Other | 19 |
| Sawyer | Ham L | 1852300 | 100 | Other | 42 | | |
| Sawyer | Hayward L | 2725500 | 247 | Other | 101 | Other | 8 |
| Sawyer | Holmes L | 2419600 | 62 | | | Other | 3 |
| Sawyer | Hunter L | 2400600 | 126 | Other | 53 | Other | 5 |
| Sawyer | Island L | 2381800 | 67 | Other | 5 | Other | 3 |
| Sawyer | L Chetac | 2113300 | 1920 | 1-2 Year Pe | 1060 | | |

| County | Lake Name | WBIC Code | Area (acres) | Walleye Method | Walleye SH | Musky Method | Musky SH |
|--------|----------------------|-----------|--------------|----------------|------------|--------------|----------|
| Sawyer | L Chippewa | 2399700 | 15300 | Other | 3392 | Other | 64 |
| Sawyer | L Of The Pines | 2275300 | 273 | Other | 111 | Other | 8 |
| Sawyer | L Placid | 2436500 | 160 | 1-2 Year Pe | 19 | Other | 6 |
| Sawyer | L Winter | 2381100 | 676 | Other | 23 | Other | 15 |
| Sawyer | Lac Courte Oreilles | 2390800 | 5039 | Other | 1168 | Other | 33 |
| Sawyer | Lewis L | 1860200 | 52 | Other | 4 | | |
| Sawyer | Little Round L | 2395500 | 229 | Other | 75 | | |
| Sawyer | Little Sissabagama L | 2394100 | 299 | | | Other | 9 |
| Sawyer | Loretta L | 2382700 | 126 | | | Other | 5 |
| Sawyer | Lost Land L | 2418600 | 1304 | 1-2 Year Pe | 73 | 1-2 Year Pe | 42 |
| Sawyer | Lovejoy L | 2395900 | 76 | Other | 32 | | |
| Sawyer | Lower Clam L | 2429300 | 229 | Other | 31 | Other | 7 |
| Sawyer | Mason L | 2277200 | 190 | Other | 78 | Other | 7 |
| Sawyer | Meadow L | 2424800 | 39 | Other | 17 | Other | 2 |
| Sawyer | Mirror L | 1866900 | 38 | Other | 3 | | |
| Sawyer | Moose L | 2420600 | 1670 | Other | 628 | Other | 26 |
| Sawyer | Mud L | 2434800 | 480 | Other | 19 | Other | 12 |
| Sawyer | Nelson L | 2704200 | 2503 | Other | 251 | | |
| Sawyer | North L | 2436000 | 129 | Other | 8 | Other | 5 |
| Sawyer | Partridge Crop L | 2424600 | 45 | Other | 20 | Other | 3 |
| Sawyer | Perch L | 1873600 | 129 | Other | 8 | Other | 5 |
| Sawyer | Radisson FI | 2397400 | 255 | Other | 104 | Other | 8 |
| Sawyer | Round L | 2395600 | 3054 | Other | 1113 | Other | 38 |
| Sawyer | Sand L | 2393200 | 928 | Other | 106 | Other | 18 |
| Sawyer | Sissabagama L | 2393500 | 719 | Other | 281 | Other | 16 |
| Sawyer | Smith L | 2726100 | 323 | Other | 15 | | |
| Sawyer | Spider L | 2435700 | 1454 | Other | 157 | Other | 24 |
| Sawyer | Squaw L | 2395100 | 208 | Other | 14 | | |
| Sawyer | Teal L | 2417000 | 1049 | 1-2 Year Pe | 580 | 1-2 Year Pe | 37 |
| Sawyer | Teal R FI | 2416900 | 75 | Other | 32 | Other | 4 |
| Sawyer | Tiger Cat FI | 2435000 | 819 | 1-2 Year Pe | 97 | Other | 17 |
| Sawyer | Whitefish L | 2392000 | 786 | Other | 92 | Other | 16 |
| Sawyer | Windfall L | 2046500 | 102 | Other | 43 | | |
| Sawyer | Windigo L | 2046600 | 522 | Other | 207 | | |
| Taylor | Anderson L | 2165700 | 43 | Other | 4 | | |
| Taylor | Diamond L | 1757200 | 49 | Other | 21 | | |
| Taylor | Esadore L | 1764000 | 46 | Other | 4 | | |
| Taylor | Kathryn L | 2166100 | 62 | Other | 10 | | |
| Taylor | Mondeaux FI | 2193300 | 416 | | | Other | 11 |
| Taylor | N Harper L | 2204000 | 54 | Other | 23 | Other | 3 |
| Taylor | Rib L | 1469100 | 320 | Other | 129 | Other | 9 |
| Taylor | S Harper L | 2204100 | 80 | Other | 12 | | |
| Taylor | Sackett L | 1764500 | 63 | Other | 10 | | |
| Taylor | Shearer L | 2197600 | 21 | Other | 2 | | |
| Vilas | Alder L | 2329600 | 274 | 1-2 Year Pe | 175 | 1-2 Year Pe | 7 |
| Vilas | Allequash L | 2332400 | 426 | Other | 54 | Other | 11 |
| Vilas | Alma L | 967900 | 55 | Other | 9 | Other | 3 |
| Vilas | Annabelle L | 2953800 | 213 | Other | 88 | Other | 7 |
| Vilas | Anvil L | 968800 | 380 | Other | 153 | | |
| Vilas | Apeekwa L | 2269400 | 188 | Other | 78 | Other | 7 |
| Vilas | Armour L | 2953200 | 320 | Other | 129 | Other | 9 |
| Vilas | Arrowhead L | 1541500 | 99 | Other | 15 | Other | 4 |
| Vilas | Averill L | 2956700 | 71 | 1-2 Year Pe | 13 | Other | 3 |
| Vilas | Ballard L | 2340700 | 505 | Other | 62 | Other | 12 |
| Vilas | Bass L | 1604200 | 266 | Other | 13 | Other | 8 |
| Vilas | Bear L | 2335400 | 76 | Other | 12 | Other | 4 |
| Vilas | Beaver L | 2960600 | 68 | Other | 5 | | |
| Vilas | Belle L | 2955700 | 53 | Other | 23 | Other | 3 |
| Vilas | Benson L | 2327100 | 28 | Other | 12 | Other | 2 |
| Vilas | Big Arbor Vitae L | 1545600 | 1090 | 1-2 Year Pe | 840 | Other | 20 |
| Vilas | Big Crooked L | 2338800 | 682 | 1-2 Year Pe | 86 | Other | 15 |
| Vilas | Big Donahue L | 971700 | 92 | Other | 6 | | |
| Vilas | Big Gibson L | 1835200 | 116 | Other | 49 | Other | 5 |
| Vilas | Big Hurst L | 2756000 | 48 | Other | 4 | | |

| County | Lake Name | WBIC Code | Area (acres) | Walleye Method | Walleye SH | Musky Method | Musky SH |
|--------|---------------------|-----------|--------------|----------------|------------|--------------|----------|
| Vilas | Big Kitten L | 2336700 | 55 | Other | 4 | Other | 3 |
| Vilas | Big L (Boulder Jct) | 2334700 | 835 | Other | 324 | Other | 17 |
| Vilas | Big L (Mi Border) | 2963800 | 771 | Other | 239 | Other | 13 |
| Vilas | Big Muskellunge L | 1835300 | 930 | 1-2 Year Pe | 400 | Other | 18 |
| Vilas | Big Portage L | 1629500 | 638 | Other | 251 | | |
| Vilas | Big Sand L | 1602600 | 1408 | Other | 152 | Other | 24 |
| Vilas | Big St Germain L | 1591100 | 1617 | Other | 609 | Other | 26 |
| Vilas | Bills L | 1835500 | 37 | | | Other | 0 |
| Vilas | Birch L | 2311100 | 528 | Other | 209 | Other | 13 |
| Vilas | Black Oak L | 1630100 | 584 | Other | 71 | | |
| Vilas | Boot L | 1619100 | 284 | Other | 37 | Other | 9 |
| Vilas | Boot L | 2756400 | 29 | Other | 3 | Other | 2 |
| Vilas | Boulder L | 2338300 | 524 | Other | 208 | Other | 13 |
| Vilas | Brandy L | 1541300 | 110 | Other | 16 | Other | 5 |
| Vilas | Carpenter L | 976100 | 333 | Other | 15 | | |
| Vilas | Catfish L | 1603700 | 1012 | Other | 389 | Other | 19 |
| Vilas | Circle Lily L | 2326700 | 223 | Other | 30 | Other | 7 |
| Vilas | Clear L | 2329000 | 555 | 1-2 Year Pe | 165 | 1-2 Year Pe | 17 |
| Vilas | Cleveland L | 2758600 | 32 | Other | 3 | | |
| Vilas | Cochran L | 2963500 | 126 | Other | 8 | Other | 5 |
| Vilas | Crab L | 2953500 | 949 | Other | 366 | Other | 18 |
| Vilas | Crampton L | 2759000 | 59 | Other | 5 | | |
| Vilas | Cranberry L | 1603800 | 956 | Other | 369 | Other | 19 |
| Vilas | Dead Pike L | 2316600 | 297 | 1-2 Year Pe | 46 | Other | 9 |
| Vilas | Deer L | 980600 | 65 | Other | 5 | | |
| Vilas | Deer L | 2311500 | 37 | Other | 3 | | |
| Vilas | Deerskin L | 1601300 | 309 | Other | 40 | Other | 9 |
| Vilas | Diamond L | 1844700 | 122 | Other | 8 | Other | 5 |
| Vilas | Dorothy Dunn L | 1845600 | 70 | Other | 11 | Other | 3 |
| Vilas | Duck L | 1599900 | 108 | Other | 46 | Other | 5 |
| Vilas | E Ellerson L | 2331300 | 136 | Other | 57 | Other | 5 |
| Vilas | E Witches L | 982500 | 34 | Other | 3 | | |
| Vilas | Eagle L | 1600200 | 572 | Other | 226 | Other | 13 |
| Vilas | Eleanore L | 1631500 | 28 | Other | 12 | Other | 2 |
| Vilas | Erickson L | 983600 | 106 | Other | 16 | | |
| Vilas | Escanaba L | 2339900 | 293 | 1-2 Year Pe | 215 | Other | 9 |
| Vilas | Fawn L | 1591000 | 22 | Other | 10 | Other | 2 |
| Vilas | Fawn L | 2328900 | 74 | 1-2 Year Pe | 11 | 1-2 Year Pe | 6 |
| Vilas | Finger L | 984700 | 90 | Other | 6 | | |
| Vilas | Fishtrap L | 2343200 | 329 | Other | 133 | Other | 9 |
| Vilas | Forest L | 2762200 | 466 | Other | 186 | | |
| Vilas | Found L | 1593800 | 326 | Other | 42 | Other | 9 |
| Vilas | Frank L | 985900 | 141 | Other | 9 | | |
| Vilas | Harmony L | 988300 | 88 | Other | 6 | | |
| Vilas | Harris L | 2958500 | 507 | Other | 201 | Other | 12 |
| Vilas | Helen L | 2964400 | 111 | Other | 47 | Other | 5 |
| Vilas | Hiawatha L | 2328400 | 36 | Other | 6 | | |
| Vilas | High L | 2344000 | 734 | 1-2 Year Pe | 185 | Other | 16 |
| Vilas | Horsehead L | 2953100 | 234 | Other | 96 | Other | 8 |
| Vilas | Hunter L | 991700 | 184 | Other | 25 | | |
| Vilas | Imogene L | 586800 | 66 | Other | 5 | | |
| Vilas | Indian L | 2764400 | 68 | | | Other | 3 |
| Vilas | Irving L | 2340900 | 403 | | | Other | 11 |
| Vilas | Island L | 2334400 | 1023 | 1-2 Year Pe | 368 | 1-2 Year Pe | 27 |
| Vilas | Jag L | 1855900 | 158 | Other | 66 | Other | 6 |
| Vilas | Jenny L | 1856400 | 59 | Other | 25 | | |
| Vilas | Johnson L | 1541100 | 78 | Other | 12 | Other | 4 |
| Vilas | Jute L | 1857400 | 194 | | | Other | 7 |
| Vilas | Katinka L | 2957000 | 172 | Other | 71 | | |
| Vilas | Kentuck L | 716800 | 957 | 1-2 Year Pe | 1170 | Other | 19 |
| Vilas | Kenu L | 1629800 | 73 | Other | 5 | | |
| Vilas | Kildare L | 1631700 | 54 | Other | 4 | Other | 3 |
| Vilas | L Content | 1592000 | 244 | Other | 100 | Other | 8 |
| Vilas | L Laura | 995200 | 599 | 1-2 Year Pe | 162 | Other | 14 |

| County | Lake Name | WBIC Code | Area (acres) | Walleye Method | Walleye SH | Musky Method | Musky SH |
|--------|-----------------------|-----------|--------------|----------------|------------|--------------|----------|
| Vilas | Lac Des Fleurs | 1630900 | 49 | Other | 4 | | |
| Vilas | Lac Vieux Desert | 1631900 | 4300 | Other | 996 | Other | 30 |
| Vilas | Little Arbor Vitae L | 1545300 | 534 | Other | 211 | Other | 13 |
| Vilas | Little Crooked L | 2335500 | 153 | Other | 22 | Other | 6 |
| Vilas | Little Horsehead L | 2953000 | 52 | Other | 22 | | |
| Vilas | Little John L | 2332300 | 166 | Other | 69 | Other | 6 |
| Vilas | Little Papoose L | 2328200 | 46 | Other | 4 | Other | 3 |
| Vilas | Little Portage L | 1629200 | 170 | Other | 70 | Other | 6 |
| Vilas | Little Presque Isle L | 2959700 | 85 | | | Other | 3 |
| Vilas | Little Rice L | 2338900 | 59 | Other | 5 | Other | 3 |
| Vilas | Little Spider L | 1540400 | 235 | Other | 32 | Other | 8 |
| Vilas | Little St Germain L | 1596300 | 980 | Other | 111 | Other | 19 |
| Vilas | Little Star L | 2334300 | 244 | 1-2 Year Pe | 24 | 1-2 Year Pe | 6 |
| Vilas | Little Trout L | 2321600 | 978 | Other | 113 | Other | 6 |
| Vilas | Lone Pine L | 2961600 | 142 | Other | 20 | Other | 5 |
| Vilas | Long L | 1602300 | 872 | 1-2 Year Pe | 234 | Other | 18 |
| Vilas | Loon L | 1001600 | 31 | Other | 3 | | |
| Vilas | Lost Canoe L | 2339800 | 249 | 1-2 Year Pe | 89 | | |
| Vilas | Lost L | 1593400 | 544 | Other | 66 | Other | 13 |
| Vilas | Lower Aimer L | 2955000 | 34 | Other | 3 | | |
| Vilas | Lower Buckatabon L | 1621000 | 352 | Other | 45 | Other | 10 |
| Vilas | Lower Gresham L | 2330300 | 149 | | | Other | 6 |
| Vilas | Lynx L | 1600000 | 22 | Other | 10 | Other | 2 |
| Vilas | Lynx L | 2954500 | 339 | Other | 137 | Other | 10 |
| Vilas | Mamie L | 2964100 | 400 | Other | 154 | Other | 10 |
| Vilas | Manitowish L | 2329400 | 506 | 1-2 Year Pe | 50 | 1-2 Year Pe | 13 |
| Vilas | Mann L | 2332000 | 261 | Other | 13 | | |
| Vilas | Marshall L | 1626600 | 87 | Other | 6 | Other | 4 |
| Vilas | Mccullough L | 2960400 | 216 | Other | 11 | Other | 7 |
| Vilas | Mermaid L | 2768100 | 60 | Other | 5 | | |
| Vilas | Meta L | 1004400 | 175 | Other | 10 | | |
| Vilas | Middle Ellerson L | 1866100 | 60 | | | Other | 2 |
| Vilas | Middle Gresham L | 2330700 | 53 | Other | 4 | Other | 3 |
| Vilas | Moccasin L | 1005700 | 83 | Other | 6 | Other | 4 |
| Vilas | Moon L | 1005800 | 124 | Other | 18 | Other | 5 |
| Vilas | Morton L | 2960300 | 163 | Other | 10 | Other | 6 |
| Vilas | Murphy L | 2769700 | 81 | Other | 6 | Other | 4 |
| Vilas | Muskellunge L | 1596600 | 272 | Other | 36 | Other | 8 |
| Vilas | N Crab L | 2953400 | 56 | Other | 24 | Other | 3 |
| Vilas | N Turtle L | 2310400 | 369 | Other | 148 | Other | 10 |
| Vilas | N Twin L | 1623800 | 2788 | Other | 1021 | Other | 36 |
| Vilas | Nelson L | 1007600 | 104 | Other | 7 | Other | 4 |
| Vilas | Nelson L | 1869900 | 27 | | | Other | 2 |
| Vilas | Nixon L | 2341200 | 110 | Other | 7 | Other | 5 |
| Vilas | No Mans L | 2312100 | 225 | Other | 92 | Other | 7 |
| Vilas | Norwood L | 1008100 | 125 | Other | 13 | | |
| Vilas | Oswego L | 1871800 | 66 | | | Other | 3 |
| Vilas | Otter L | 1600100 | 196 | Other | 81 | Other | 7 |
| Vilas | Oxbow L | 2954800 | 511 | Other | 203 | Other | 13 |
| Vilas | Palmer L | 2962900 | 635 | Other | 76 | Other | 14 |
| Vilas | Papoose L | 2328700 | 428 | 1-2 Year Pe | 125 | 1-2 Year Pe | 14 |
| Vilas | Partridge L | 2341500 | 228 | Other | 12 | Other | 7 |
| Vilas | Pickarel L | 1619700 | 293 | Other | 14 | Other | 9 |
| Vilas | Pine Island L | 1011900 | 79 | Other | 6 | Other | 4 |
| Vilas | Pioneer L | 1623400 | 427 | Other | 54 | Other | 11 |
| Vilas | Plum L | 1592400 | 1033 | Other | 397 | Other | 19 |
| Vilas | Plum L | 2963200 | 100 | Other | 11 | | |
| Vilas | Presque Isle L | 2956500 | 1280 | 1-2 Year Pe | 237 | Other | 22 |
| Vilas | Rainbow L | 2310800 | 146 | Other | 61 | Other | 6 |
| Vilas | Razorback L | 1013800 | 362 | Other | 146 | Other | 10 |
| Vilas | Rest L | 2327500 | 608 | 1-2 Year Pe | 209 | 1-2 Year Pe | 19 |
| Vilas | Rice L | 1618600 | 71 | Other | 30 | Other | 3 |
| Vilas | Roach L | 1014000 | 51 | Other | 22 | Other | 3 |
| Vilas | Roach L | 2772500 | 125 | Other | 2 | | |

| County | Lake Name | WBIC Code | Area (acres) | Walleye Method | Walleye SH | Musky Method | Musky SH |
|----------|----------------------|-----------|--------------|----------------|------------|--------------|----------|
| Vilas | Rock L | 2311700 | 122 | Other | 51 | Other | 5 |
| Vilas | Rosalind L | 1877900 | 43 | | | Other | 2 |
| Vilas | Round L | 2334900 | 116 | Other | 8 | Other | 5 |
| Vilas | Rudolph L | 2954300 | 79 | | | Other | 4 |
| Vilas | Rush L | 2343600 | 44 | Other | 19 | Other | 3 |
| Vilas | S Turtle L | 2310200 | 454 | Other | 181 | Other | 12 |
| Vilas | S Twin L | 1623700 | 642 | Other | 252 | Other | 14 |
| Vilas | Sanford L | 2335300 | 88 | Other | 37 | Other | 4 |
| Vilas | Scattering Rice L | 1600300 | 267 | Other | 109 | Other | 8 |
| Vilas | Sherman L | 1880700 | 123 | 1-2 Year Pe | 28 | Other | 5 |
| Vilas | Snipe L | 1018500 | 239 | Other | 98 | Other | 8 |
| Vilas | Sparkling L | 1881900 | 154 | Other | 22 | Other | 6 |
| Vilas | Spectacle L | 717400 | 171 | Other | 10 | | |
| Vilas | Spider L | 2329300 | 272 | 1-2 Year Pe | 42 | 1-2 Year Pe | 21 |
| Vilas | Spring L | 2964800 | 205 | Other | 84 | | |
| Vilas | Squaw L | 2271600 | 785 | 1-2 Year Pe | 283 | Other | 16 |
| Vilas | Star L | 1593100 | 1206 | 1-2 Year Pe | 526 | Other | 21 |
| Vilas | Starrett L | 1019800 | 66 | Other | 5 | | |
| Vilas | Stateline L | 2952100 | 199 | Other | 3 | | |
| Vilas | Stewart L | 1020000 | 39 | Other | 17 | | |
| Vilas | Stone L | 2328800 | 139 | 1-2 Year Pe | 21 | 1-2 Year Pe | 11 |
| Vilas | Sturgeon L | 2327200 | 32 | Other | 14 | Other | 2 |
| Vilas | Sumach L | 1020500 | 60 | Other | 5 | Other | 3 |
| Vilas | Sunset L | 1020900 | 185 | Other | 10 | Other | 7 |
| Vilas | Tenderfoot L | 2962400 | 437 | Other | 153 | Other | 10 |
| Vilas | Towanda L | 1022900 | 146 | Other | 21 | Other | 6 |
| Vilas | Trout L | 2331600 | 3816 | 1-2 Year Pe | 685 | 1-2 Year Pe | 19 |
| Vilas | Twin Island L | 2959300 | 205 | | | Other | 7 |
| Vilas | Upper Aimer L | 2955100 | 33 | Other | 3 | | |
| Vilas | Upper Buckatabon L | 1621800 | 494 | Other | 61 | Other | 12 |
| Vilas | Upper Gresham L | 2330800 | 366 | Other | 47 | Other | 10 |
| Vilas | Van Vliet L | 2956800 | 220 | 1-2 Year Pe | 41 | Other | 7 |
| Vilas | Vance L | 2327300 | 30 | Other | 13 | Other | 2 |
| Vilas | Verna L | 1540300 | 77 | | | Other | 4 |
| Vilas | Voyageur L | 1603400 | 130 | Other | 54 | Other | 5 |
| Vilas | W Bay L | 2964000 | 368 | Other | 70 | Other | 5 |
| Vilas | W Plum L | 1592500 | 75 | Other | 32 | Other | 4 |
| Vilas | W Witches L | 1177500 | 30 | Other | 3 | | |
| Vilas | Watersmeet L | 1599400 | 100 | Other | 42 | Other | 4 |
| Vilas | White Birch L | 2340500 | 112 | Other | 16 | Other | 5 |
| Vilas | White Sand L | 2339100 | 734 | 1-2 Year Pe | 126 | Other | 16 |
| Vilas | Wild Rice L | 2329800 | 379 | 1-2 Year Pe | 22 | 1-2 Year Pe | 8 |
| Vilas | Wildcat L | 2336800 | 305 | Other | 40 | Other | 9 |
| Vilas | Wolf L | 2336100 | 393 | 1-2 Year Pe | 188 | Other | 11 |
| Vilas | Yellow Birch L | 1599600 | 202 | Other | 83 | Other | 7 |
| Washburn | Balsam L | 2112800 | 295 | 1-2 Year Pe | 123 | | |
| Washburn | Bass L | 1833300 | 130 | Other | 54 | | |
| Washburn | Bass L | 2451300 | 144 | Other | 20 | | |
| Washburn | Bass L | 2451900 | 188 | 1-2 Year Pe | 121 | Other | 7 |
| Washburn | Bean L | 2718500 | 100 | Other | 7 | | |
| Washburn | Beartrack North Lake | 2452399 | 33 | Other | 14 | | |
| Washburn | Beartrack South Lake | 2452300 | 65 | Other | 28 | | |
| Washburn | Big Bass L | 2453300 | 203 | Other | 28 | | |
| Washburn | Birch L | 2113000 | 368 | Other | 47 | | |
| Washburn | Cable L | 2456100 | 185 | Other | 26 | | |
| Washburn | Chippanazie L | 2722800 | 58 | Other | 25 | | |
| Washburn | Colton FI | 2702100 | 58 | Other | 25 | | |
| Washburn | Cranberry FI | 2722400 | 201 | Other | 11 | | |
| Washburn | Deep L | 1844000 | 43 | Other | 19 | | |
| Washburn | Dunn L | 2709800 | 193 | Other | 80 | | |
| Washburn | Gilmore L | 2695800 | 389 | 1-2 Year Pe | 18 | | |
| Washburn | Horseshoe L | 2470000 | 194 | Other | 27 | | |
| Washburn | Island L | 2470600 | 276 | Other | 36 | | |
| Washburn | L Nancy | 2691500 | 772 | Other | 90 | Other | 16 |

| County | Lake Name | WBIC Code | Area (acres) | Walleye Method | Walleye SH | Musky Method | Musky SH |
|----------|-------------------|-----------|--------------|----------------|------------|--------------|----------|
| Washburn | Leach L | 2474400 | 30 | Other | 13 | | |
| Washburn | Leisure L | 2475000 | 75 | | | Other | 4 |
| Washburn | Little Long L | 2664500 | 112 | Other | 7 | | |
| Washburn | Little Mud L | 2107100 | 71 | Other | 30 | | |
| Washburn | Little Sand L | 2477700 | 74 | Other | 11 | | |
| Washburn | Little Stone L | 1862400 | 27 | Other | 3 | | |
| Washburn | Long L | 2106800 | 3290 | Other | 317 | | |
| Washburn | Mathews L | 2710800 | 263 | Other | 35 | Other | 8 |
| Washburn | Mclain L | 2481600 | 150 | Other | 21 | | |
| Washburn | Middle Mckenzie L | 2706500 | 530 | Other | 65 | Other | 13 |
| Washburn | Minong FI | 2692900 | 1564 | 1-2 Year Pe | 1342 | | |
| Washburn | Mud L | 2107700 | 103 | Other | 7 | | |
| Washburn | Pavlas L | 2488100 | 44 | Other | 4 | | |
| Washburn | Pear L | 2488200 | 49 | Other | 4 | | |
| Washburn | Rice L | 2696000 | 132 | Other | 55 | | |
| Washburn | Ripley L | 2492600 | 190 | Other | 26 | | |
| Washburn | S Twin L | 2494500 | 115 | Other | 17 | | |
| Washburn | Shell L | 2496300 | 2580 | Other | 949 | Other | 34 |
| Washburn | Silver L | 2496900 | 188 | Other | 26 | | |
| Washburn | Slim L | 2109300 | 224 | Other | 30 | | |
| Washburn | Spider L # 5 | 1882500 | 177 | Other | 10 | | |
| Washburn | Spring L | 1882900 | 42 | Other | 4 | | |
| Washburn | Spring L | 2498600 | 211 | Other | 29 | | |
| Washburn | Stone L | 1884000 | 39 | Other | 3 | | |
| Washburn | Stone L | 1884100 | 523 | Other | 207 | | |
| Washburn | Tozer L | 2502000 | 36 | Other | 6 | | |
| Washburn | Trego L | 2712000 | 451 | Other | 56 | Other | 12 |
| Bayfield | Pike L Chain | 2902701 | 714 | Other | 295 | | |
| Lincoln | Rice R FI Chain | 1516401 | 3764 | Other | 1418 | | |
| Oneida | Tomahawk L Chain | 1542701 | 3552 | 1-2 Year Pe | 824 | | |
| Vilas | Presque Isle L C | 2956501 | 1571 | 1-2 Year Pe | 291 | | |
| Vilas | Twin L Chain | 1623801 | 3430 | Other | 1273 | | |