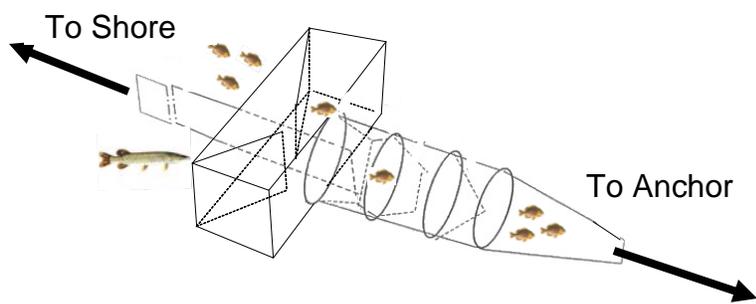
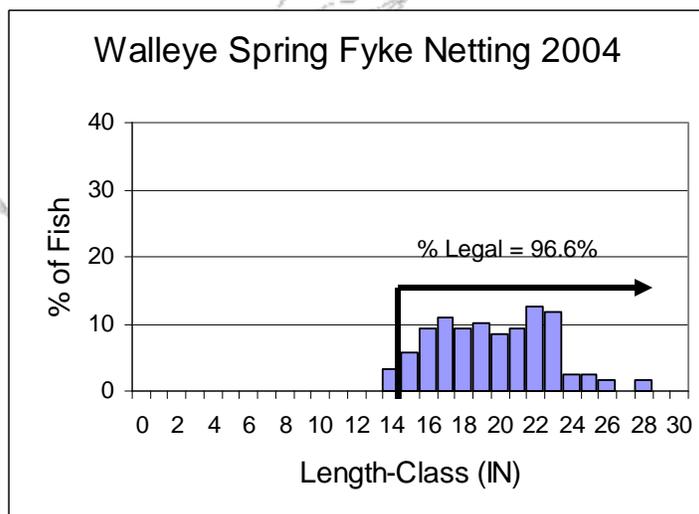
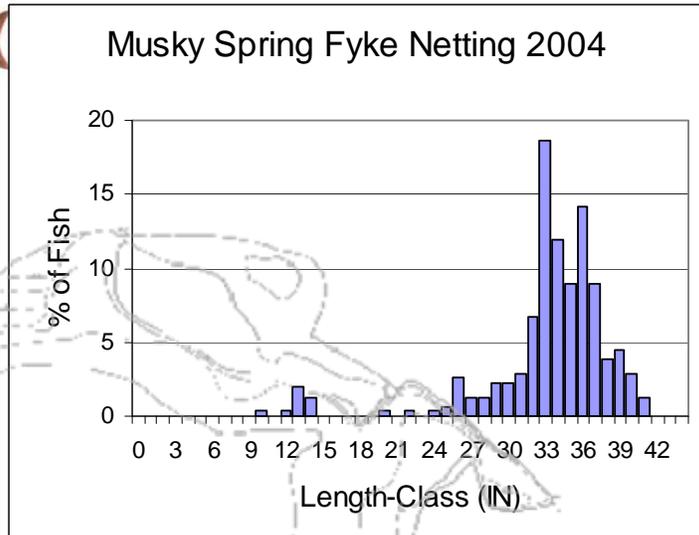


Lake Wingra Spring Fyke Netting – 2004/2005

Fish sampling on the Madison Chain follows a 5 year rotation. Every year, 1 lake receives a **COMPREHENSIVE** survey, and the other lakes receive spring and fall **INDEX** sampling. Comprehensive surveys combine intensive spring netting efforts and spring and fall electro-fishing runs to cover the entire lakeshore. Comprehensive surveys target walleye, northern pike, and musky, provide insight on the adult component of those fisheries, and are used to make population estimates. Estimates are derived from a mark period (fyke netting) and recapture period (spring electro-fishing). Fyke netting in subsequent years serve as the mark and recapture periods for muskellunge. **The last comprehensive survey conducted on Lake Wingra occurred in 2004.** Index sampling uses only electro-fishing directed at selected sites in spring and fall. Index sampling monitors bass, panfish, and young-of-year fish most effectively. Our purpose is to describe the size and condition of major fish populations of recreational interest, assess regulation, and suggest necessary management actions. These brief summaries represent the most recent data and comparisons to the previous survey. Questions can be directed to: Kurt Welke, Fisheries Manager for Dane County, 3911 Fish Hatchery Rd, Fitchburg, WI 53711. Phone: 608-273-5946, E-mail: Kurt.welke@dnr.state.wi.us. This information is also posted at: <http://dnr.wi.gov/org/water/fhp/fish/pages/reports/final.shtml>

	2004	2005*
Musky:		
Total Captured:	215	128
Average Length (in.):	34.2	32.8
Length Range (in.):	10.6 - 41.8	26.2 – 42.2
Population Estimate	n/a	1.2 / acre
Walleye:		
Total Captured:	91	16
Average Length (in.):	20	20.2
Length Range (in.):	14.3 - 28.0	12.2 - 34.5
Population Estimate (>15")	0.54/acre	n/a
% Legal (>15")	96.6	100
Largemouth Bass:		
Average Length (in.):	10.5	13.7
Length Range (in.):	6.20 - 16.70	7.6 – 18.2
Total Captured:	37	4
% Legal (>14")	16.2	50
Bluegill:		
Total Captured:	105	82
Average Length (in.):	4.9	5.6
Length Range (in.):	3.3 - 6.1	3.8 – 7.3

* Recap for muskellunge population estimate, shorter netting period than 2004



What this all means:
 Muskellunge numbers characterize Lake Wingra as an “action” lake. While stocking has been reduced to lend balance to the population, musky abundance is 2-4 times that commonly found on popular high quality waters. Fish in the mid 30” range are numerous but tend to be leaner than their counterparts in the Yahara Chain. While bass and panfish numbers are modest and size structure generally below statewide averages, Wingra is a fine lake for young anglers and shore fishermen. Wingra does have a modest walleye resource comprised of older, larger fish remnant from a late 1990’s stocking.

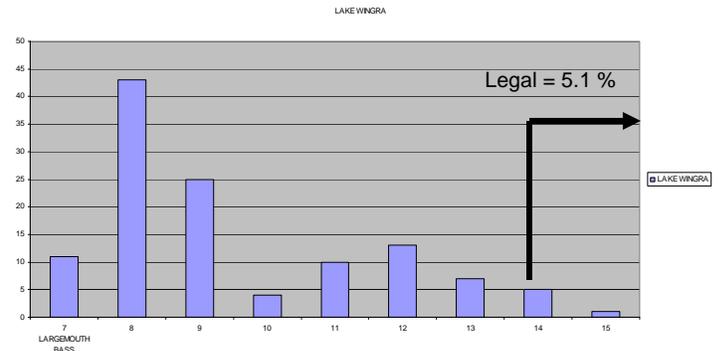
Lake Wingra Fall Electrofishing – 2007

	2005	2006	2007
MUSKY			
Total Captured	23	7	11
Ave. length (inches)	33.7	32.3	34.6
Length Range	29.3-42.0	24.4-39.7	30.8-40.0

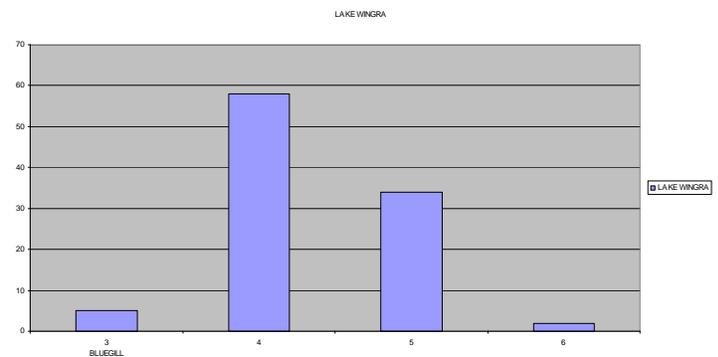
	2005	2006	2007
LARGEMOUTH BASS			
Total Captured	283	165	192
Ave. length (inches)	9.6	9.4	9.9
Length Range	4.0 – 17.2	6.3-17.4	7.2-15.3
% legal(> 14")	2.5	4.2	5.1
% YOY (<5")	17.7	8.5	0

	2005	2006	2007
BLUEGILL			
Total Captured	187	63	99
Ave. length (inches)	5.2	5.1	4.8
Length Range	1.3 -6.5	2.9-6.5	3.2-6.2
Fish / Hr	375	272	297

2007 Wingra Fall Largemouth Bass



2007 Wingra Fall Bluegill



The Lake Wingra 'exclosure" (near Edgewood pier) demonstrates dramatic water quality and vegetation responses to reductions in available phosphorous and control of common carp. The demonstration runs through fall 2008.

Stocking:

Year	Species	Number Stocked	Length (in)
2000	MUSKELLUNGE	345	10
2001	MUSKELLUNGE	695	10
2003	MUSKELLUNGE	170	11
2004	MUSKELLUNGE	175	11
2006	MUSKELLUNGE	96	11



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