





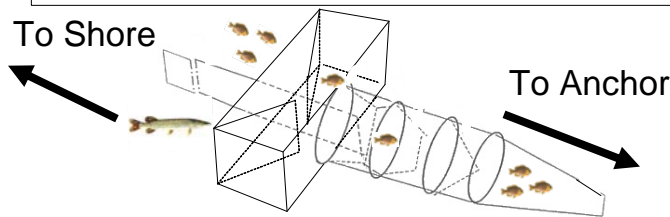
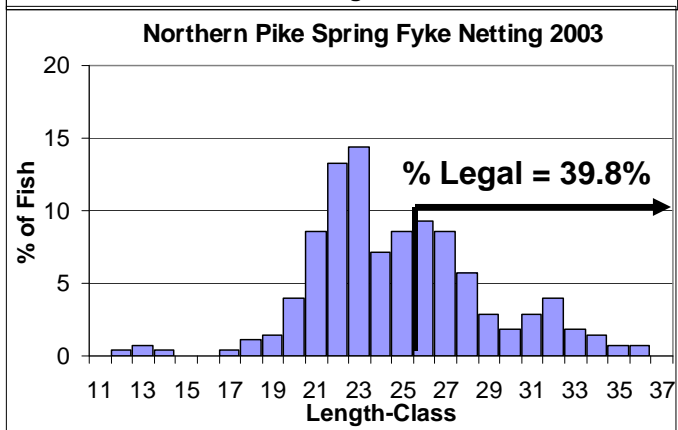
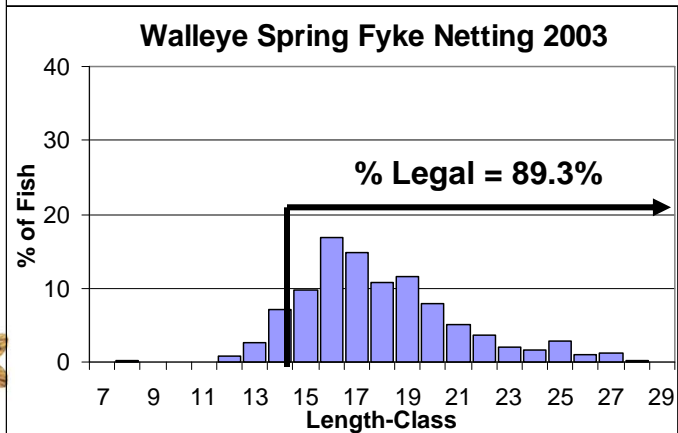
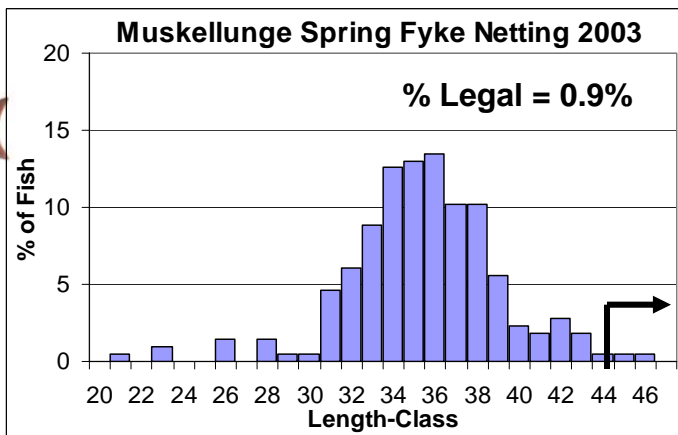
# Lake Monona Spring Fyke Netting – 2003/2004

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 lake shore. Comprehensive surveys target walleye, northern pike, and musky, provide insight on the adult component of those fisheries, and are used to determine population estimates. Estimates are derived from a mark period (fyke netting) and recapture period (spring electro-fishing). Fyke netting in subsequent years serves as the mark and recapture period for muskellunge. **The last comprehensive survey conducted on Lake Monona occurred in 2003.** 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](mailto:Kurt.welke@dnr.state.wi.us). This information is also posted at: <http://dnr.wi.gov/org/water/fhp/fish/pages/reports/final.html>

	2003	2004*
<b>Musky:</b>		
Total Captured:	215	119
Avg. Length (in.):	35.8	35.5
Length Range (in.):	21.0 – 46.2	17.3 – 46.4
% Legal (>45"):	0.9	2.5
Population Est.(>30"):		0.46 / acre
<b>Walleye</b>		
Total Captured:	935	42
Avg. Length (in.):	18.3	17.8
Length Range (in.):	8.0 – 28.3	13.0 – 26.1
% Legal (>15"):	89.3	83.3
Population Est.(>15"):	0.75 / acre	
<b>Largemouth Bass</b>		
Total Captured:	347	25
Avg. Length (in.):	12.4	13.6
Length Range (in.):	5.7 – 22.3	6.6 – 20.3
% Legal (>14"):	43.8	48
Population Est.(>14"):	1.9 / acre	
<b>Northern Pike</b>		
Total Captured:	279	87
Avg. Length (in.):	25.3	26.1
Length Range (in.):	12.6 – 36.5	19.4 – 38.8
% Legal (>26"):	39.8	43.7
Population Est. (All):	0.68 / acre	

\*Recapture year for muskellunge population estimate.



### What this all means:

Because it has a large amount of its surface area as shallow, vegetated habitat, Monona enjoys strong largemouth bass and bluegill populations. Consistent reproduction and good growth rates produce lots of fish in good condition. Walleye and northerns represent an under-appreciated seasonal fishery. Monona hosts strong populations of both these species with many quality sized fish present. The muskellunge population is high quality with excellent numbers, superior condition (weight at length) and the potential for trophy fish.

# Lake Monona Fall Electro-fishing – 2007

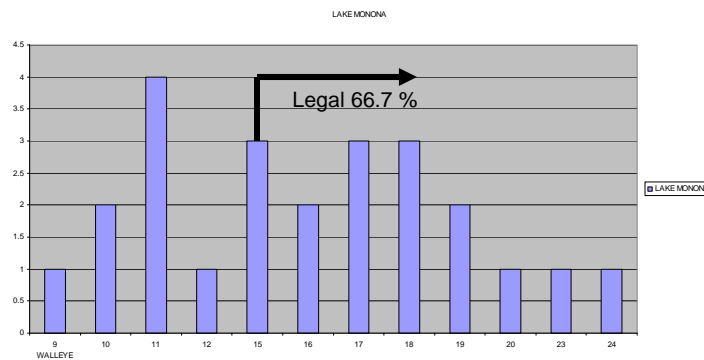
	2005	2006	2007
<b>MUSKY</b>			
Total Captured	8	21	10
Ave. length ( inches)	23.1	15.8	17.2
Length Range	11.2 – 41.1	11.2 – 37.	10.8 – 38.5

	2005	2006	2007
<b>WALLEYE</b>			
Total Captured	21	34	24
Ave. length ( inches)	16.4	17.8	16.0
Length Range	7.8 – 24.5	12.2 – 25.7	9.9 – 24.2
% legal( > 15")	62	65	67

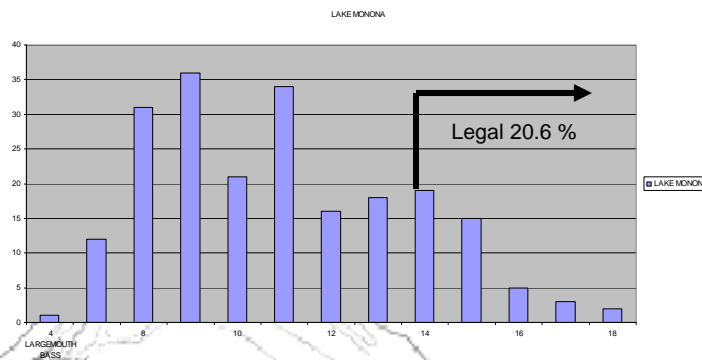
	2005	2006	2007
<b>LARGEMOUTH BASS</b>			
Total Captured	203	251	213
Ave. length ( inches)	9.3	10.2	11.3
Length Range	2.9 – 20.3	5.0 – 18.0	4.3 – 18.1
% legal( > 14")	13.3	16.7	20.6
% YOY (<5")	45	18.7	0.5

	2005	2006	2007
<b>BLUEGILL</b>			
Total Captured	66	499	43
Ave. length ( inches)	2.5	4.7	6.2
Length Range	1.4 – 7.0	1.0 – 7.6	3.1 – 9.4
Fish / Hr	264	312	172

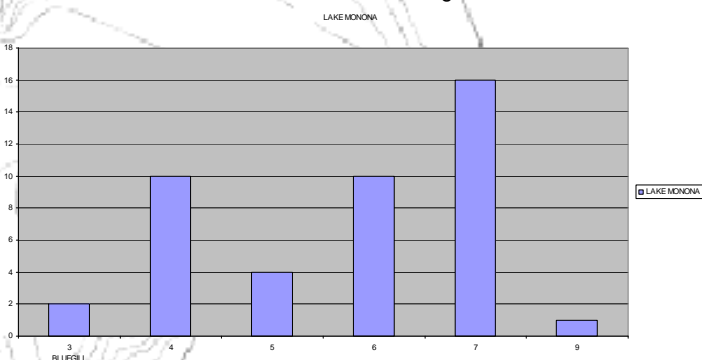
2007 Monona Fall Walleye



2007 Monona Fall Largemouth Bass



2007 Monona Fall Bluegill



## Stocking:

Year	Species	Number Stocked	Ave Length
2000	Musky	2,500	9.2
2000	Northern Pike	2,500	8
2000	Tiger Musky	250	8
2001	Musky	2,500	9
2001	Northern Pike	1,000	7.4
2001	Tiger Musky	2,350	8.2
2001	Musky	10,000	1.3
2003	Musky	1,000	11.4
2003	Tiger Musky	275	10
2004	Northern Pike	50,000	Fry 0.1
2004	Musky	2,500	10.5
2005	Musky (Leech Lake)	700	10.5
2005	Northern Pike	4,770	8.9
2005	Northern Pike	766	9.1
2006	Walleye	681	7.7
2006	Musky (Leech Lake)	35	11.5
2006	Musky	997	12.4



2004 Musky Population estimate was 1610 fish or .46 adult musky (>30") / acre. Monona is stocked with both Chippewa strain (WI) and Leech lake strain (MN) musky to compare growth over time.