

WALLEYE TABLE

Table 3. — Mean gill net catch per unit effort (CPUE) for walleye in individual lakes pre and post muskellunge stocking. Within quartiles indicates if the mean CPUE post muskellunge stocking is below (N), above (Y+) or contained within (Y) the interquartile range for the lake class.

RAW NUMBERS

Name	Lake Class	Mean CPUE	Mean CPUE	2 tail P Value	Number of Surveys Pre	Number of Surveys Post	Within Quartiles Post
		Pre	vs. Post				
Island Reservoir	2	7.55	7.92	1.00	2	7	Y
Vermillion	2	12.35	+ 14.38	0.08	10	22	Y+
Dumbbell	5	3.78	+ 14.97	0.05*	3	10	Y+
Alexander	22	12.18	- 8.44	0.40	5	5	Y
Bemidji	22	6.79	+ 12.07	0.25	3	7	Y+
Detroit	22	7.16	6.41	0.27	5	4	Y
Miltona	22	9.51	+ 15.63	0.92	3	8	Y+
Minnetonka	22	1.56	4.47	0.03*	3	12	Y
Pelican	22	15.45	- 10.61	0.61	3	8	Y+
Plantagenet	22	4.87	+ 14.80	0.05*	3	4	Y+
St Croix	22		0.90	na	0	3	N
White Bear	22	2.67	3.65	0.52	3	6	N
Elk	23	13.70	- 6.78	0.29	1	4	Y+
Bald Eagle	24	1.02	+ 2.93	0.11	4	4	Y
Eagle	24	0.67	+ 3.96	0.09	3	6	Y
East Rush	24	17.80	- 3.43	0.17	1	8	Y
Forest	24	2.03	+ 4.99	0.01*	7	4	Y
Fox	24	9.01	- 2.29	0.03*	16	7	Y
French	24		2.92	na	0	7	Y
Harriet	24		8.37	na	0	7	Y+
Independence	24		9.68	na	0	8	Y+
Owasso	24	0.39	+ 2.45	0.05*	3	4	Y
Pleasant	24	0.40	+ 7.44	0.21	1	6	Y+
Sugar	24	0.56	+ 5.42	0.24	1	5	Y
Beers	25	2.94	- 0.47	0.15	2	3	N
Big Mantrap	25		0.19	na	0	4	N
Cedar	25	1.28	+ 3.05	0.18	5	2	Y
Cross	25	2.60	- 0.61	0.03*	4	7	N
Lobster	25	0.20	2.60	na	1	8	Y
North star	25	1.86	+ 3.58	0.31	4	4	Y
West Rush	25	7.90	- 2.21	0.18	1	8	Y
Zumbro	25						
Mille Lacs	26	15.01	14.53	0.77	11	21	Y
Big	27	7.42	6.60	0.88	2	7	Y
Shamineau	27	11.70	- 5.36	0.07	4	5	Y
Waconia	27	1.11	+ 7.20	0.04*	5	6	Y
West Battle	27	10.80	6.29	0.30	1	9	Y
Round	29	0.70	2.00	na	3	1	Y
Little Wolf	31	3.02	+ 7.35	0.05*	3	4	Y+
Island	32	4.26	4.76	1.00	6	5	Y+
Oscar	38	3.42	+ 8.46	0.04*	3	5	Y+

9 LAKES - WALLEYE #₆ DOWN SIGNIFICANTLY.

16 LAKES - " " " "

UP

NORTHERN PIKE TABLE

Table 2. —Mean gill net catch per unit effort (CPUE) for northern pike in individual lakes pre and post muskellunge stocking. Within quartiles indicates if the mean CPUE post muskellunge stocking is below (N), above (Y+) or contained within (Y) the interquartile range for the lake class

RAW NUMBERS

Name	Lake Class	Mean CPUE	Mean CPUE	2 tail P Value	Number of Surveys Pre	Number of Surveys Post	Within Quartiles Post
		Pre	vs. Post				
Island Reservoir	2	2.32	1.80	0.31	2	7	Y
Vermillion	2	1.34	0.98	0.08	9	22	N
Dumbbell	5						
Alexander	22	5.00	— 2.90	0.17	5	5	N
Bemidji	22	3.63	2.62	0.30	3	7	N
Detroit	22	12.04	— 6.29	0.04*	5	4	Y
Miltona	22	5.63	4.15	0.08	3	8	Y
Minnnetonka	22	5.94	+ 11.83	0.04*	3	12	Y+
Pelican	22	9.64	— 6.80	0.13	3	8	Y
Plantagenet	22	4.66	— 3.00	0.38	3	4	Y
St Croix	22		0.46	na	0	3	N
White Bear	22	6.21	+ 8.93	0.70	3	6	Y+
Elk	23	6.30	— 3.30	0.29	1	4	Y
Bald Eagle	24	3.11	4.78	0.31	4	4	Y
Eagle	24	5.28	+ 7.04	0.70	3	6	Y
East Rush	24	2.20	2.58	1.00	1	8	Y
Forest	24	4.69	5.96	0.92	7	4	Y
Fox	24	0.56	0.19	0.40	16	7	N
French	24		1.75	na	0	7	Y
Harriet	24	5.10	— 0.64	0.03*	4	7	N
Independence	24	1.50	+ 3.31	0.24	2	8	Y
Owasso	24	4.59	3.73	0.44	8	4	Y
Pleasant	24	0.60	0.70	1.00	1	6	N
Sugar	24	0.89	+ 17.92	0.24	1	5	Y+
Beers	25	2.82	1.64	0.77	2	3	N
Big Mantrap	25		5.21	na	0	7	Y
Cedar	25	5.11	5.20	1.00	5	2	Y
Cross	25	0.53	1.35	0.30	4	7	N
Lobster	25	1.70	+ 8.00	na	1	8	Y
North star	25	4.10	3.13	0.47	4	4	Y
West Rush	25	2.30	1.51	0.17	1	8	N
Zumbro	25		1.45	na	0	2	N
Mille Lacs	26	2.81	1.28	0.001*	11	21	Y
Big	27	7.96	+ 12.94	0.19	2	7	Y+
Shamaineau	27	5.55	7.01	0.54	4	5	Y
Waconia	27	1.86	1.13	0.17	5	6	N
West Battle	27	1.27	+ 6.80	0.16	1	9	Y
Round	29	6.80	6.80	1.00	3	1	Y
Little Wolf	31	0.47	0.78	1.00	3	4	N
Island	32	1.72	+ 3.57	0.14	5	5	Y
Oscar	38	3.07	2.20	0.77	3	5	Y

6 LAKES - PIKE #'s DOWN SIGNIFICANTLY.
 9 LAKES - " 5 UP "

BLACK CRAPPIES TABLE

TRAP NET CATCH

Table 8 — Mean trap net catch per unit effort (CPUE) for black crappies in individual lakes pre and post muskellunge stocking. Within quartiles indicates if the mean CPUE post muskellunge stocking is below (N), above (Y+) or contained within (Y) the interquartile range for the lake class.

Name	Lake Class	Mean CPUE Pre	Mean CPUE Post	2 tail P Value	Number of Surveys Pre	Number of Surveys Post	Within Quartiles Post
Island Reservoir	2	0.73	0.57	1.00	2	6	N
Vermillion	2						
Dumbbell	5						
Alexander	22						
Bemidji	22						
Detroit	22	0.36	0.61	0.17	6	4	Y
Miltona	22						
Minnetonka	22	5.37	3.95	0.59	3	4	Y+
Pelican	22	61.90	0.40	0.18	1	8	Y
Plantagenet	22						
St. Croix	22						
White Bear	22	0.83	1.55	1.00	3	6	Y
Elk	23						
Bald Eagle	24	25.43	13.98	0.31	4	4	Y
Eagle	24	7.61	12.65	1.00	3	5	Y
East Rush	24	8.50	8.50	0.66	1	8	Y
Forest	24	4.85	2.25	0.37	7	3	Y
Fox	24						
French	24		20.50	na	0	7	Y
Harriet	24	10.95	14.79	0.92	4	7	Y
Independence	24	57.80	21.23	0.18	1	8	Y+
Owasso	24	15.57	10.10	0.94	10	4	Y
Pleasant	24	15.30	13.12	1.00	1	5	Y
Sugar	24	0.11	0.54	0.56	1	5	N
Beers	25	0.73	0.55	1.00	2	3	N
Big Mantrap	25		4.17	na	0	7	Y+
Cedar	25						
Cross	25	5.00	3.17	0.17	4	6	Y
Lobster	25						
North star	25						
West Rush	25	1.40	6.66	0.38	1	7	Y+
Zumbro	25						
Mille Lacs	26						
Big	27						
Shamaineau	27						
Waconia	27	2.98	7.93	0.34	4	6	Y+
West Battle	27	0.64	0.82	0.73	1	9	Y
Round	29						
Little Wolf	31						
Island	32	5.51	9.27	0.68	5	5	Y+
Oscar	38						

.7 LAKES CRAPPIE NUMBERS DOWN SIGNIFICANTLY .

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.5 " UP " .

BLACK CRAPPIES TABLE GILL NET CATCH

Table 7 — Mean gill net catch per unit effort (CPUE) for black crappies in individual lakes pre and post muskellunge stocking. Within quartiles indicates if the mean CPUE post muskellunge stocking is below (N), above (Y+) or contained within (Y) the interquartile range for the lake class.

Name	Lake Class	Mean CPUE	Mean CPUE	2 tail P Value	Number of Surveys Pre	Number of Surveys Post	Within Quartiles Post
		Pre	vs. Post				
Island Reservoir	2	0.04	0.08	0.55	2	7	N
Vermillion	2						
Dumbbell	5						
Alexander	22						
Bemidji	22						
Detroit	22	0.54	0.73	0.71	5	4	Y
Milona	22						
Minnetonka	22	5.12	3.86	0.35	3	12	Y+
Pelican	22	1.84	0.34	0.41	2	8	Y
Plantagenet	22						
St Croix	22		1.53	na	0	3	Y+
White Bear	22	3.19	1.48	0.16	3	6	Y+
Elk	23						
Bald Eagle	24	14.33	19.21	1.00	4	4	Y+
Eagle	24	8.82	22.72	0.19	3	6	Y+
East Rush	24	8.50	12.26	1.00	1	8	Y
Forest	24	10.53	10.00	0.92	7	4	Y
Fox	24	5.88	10.97	0.01*	16	7	Y
French	24		36.43	na	0	7	Y+
Harriet	24	13.65	11.38	0.64	4	7	Y
Independence	24	23.56	38.07	0.51	2	8	Y+
Owasso	24	4.43	7.05	0.19	8	4	Y
Pleasant	24	25.20	13.56	0.45	1	6	Y+
Sugar	24	0.56	2.40	0.23	1	5	N
Beers	25	1.31	1.44	1.00	2	3	Y
Big Mantrap	25		5.64	na	0	7	Y+
Cedar	25	3.98	4.15	0.91	5	2	Y+
Cross	25	1.88	2.24	1.00	4	7	Y
Lobster	25	2.80	5.03	na	1	8	Y+
North star	25						
West Rush	25	1.70	11.36	0.33	1	8	Y+
Zumbro	25	1.34	5.33	0.13	6	2	Y+
Mille Lacs	26						
Big	27						
Shamaineau	27	0.98	2.47	0.46	4	5	Y
Waconia	27	19.60	13.78	1.00	5	6	Y+
West Battle	27	0.27	0.45	1.00	1	9	Y
Round	29						
Little Wolf	31						
Island	32	3.08	2.32	0.65	6	5	Y
Oscar	38	8.29	5.26	0.76	3	5	Y

. 7 LAKES CRAPPIE NUMBERS DOWN SIGNIFICANTLY .

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UP

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PERCH TABLE

Table 4. —Mean gill net catch per unit effort (CPUE) for yellow perch in individual lakes pre and post muskellunge stocking. Within quartiles indicates if the mean CPUE post muskellunge stocking is below (N), above (Y+) or contained within (Y) the interquartile range for the lake class

Name	Lake Class	Mean CPUE Pre	Mean CPUE Post	2 tail P Value	Number of Surveys Pre	Number of Surveys Post	Within Quartiles Post	
Island Reservoir	2	1.77	+	7.25	0.06	2	7	Y+
Vermillion	2	24.28	+	28.88	0.18	9	22	Y+
Dumbbell	5	13.36	-	10.49	0.50	5	10	Y
Alexander	22	22.22	+	46.44	0.05*	5	5	Y
Bemidji	22	67.54	+	99.65	0.65	3	7	Y+
Detroit	22	4.20	-	2.67	0.39	5	4	N
Miltona	22	20.34	-	22.34	0.47	3	8	Y
Minnnetonka	22	13.69	-	10.49	0.52	3	12	Y
Pelican	22	25.00	-	8.65	0.61	3	8	Y
Plantagenet	22	50.72	-	42.50	0.60	3	4	Y+
St. Croix	22			1.21	na	0	3	N
White Bear	22	2.28		3.13	1.00	3	6	N
Elk	23	20.00	-	13.58	0.72	1	4	Y
Bald Eagle	24	8.77	+	18.59	0.56	4	4	Y
Eagle	24	0.50	+	27.53	0.03*	3	6	Y
East Rush	24	39.90	+	44.34	0.56	1	8	Y+
Forest	24	10.15		9.58	0.51	7	4	Y
Fox	24	24.91	-	9.23	0.33	16	7	Y
French	24			54.31	na	0	7	Y+
Harriet	24	64.92	+	76.52	0.92	4	7	Y+
Independence	24	35.28	+	41.94	0.90	2	8	Y+
Owasso	24	21.25	-	13.34	0.82	8	4	Y+
Pleasant	24	116.00	-	16.31	0.21	1	6	Y
Sugar	24	0.44		1.22	0.56	1	5	N
Beers	25			1.04	na	0	3	N
Big Mantrap	25			44.96	na	0	7	Y+
Cedar	25	3.22		2.50	0.56	5	2	Y
Cross	25	9.53	+	13.14	0.78	4	7	Y
Lobster	25	1.80	+	4.30	na	1	8	Y
North star	25	11.87	-	5.18	0.47	4	4	Y
West Rush	25	69.90	-	49.77	0.56	1	8	Y+
Zumbro	25	7.95	+	11.45	0.62	6	2	Y
Mille Lacs	26	14.38	+	61.05	0.001*	11	21	Y+
Big	27	63.63	-	40.61	0.46	2	7	Y
Shamineau	27	24.88	-	10.33	0.27	4	5	Y
Waconia	27	17.91	-	12.56	0.52	5	6	Y
West Battle	27	7.27		17.34	0.16	1	9	Y
Round	29	8.30		8.80	na	3	1	Y
Little Wolf	31	66.07	+	106.17	0.38	3	4	Y+
Island	32	27.73	+	64.73	0.32	6	5	Y+
Oscar	38	22.30		22.82	0.55	3	5	Y+

• 15 LAKES - PERCH #'S DOWN SIGNIFICANTLY.
 • 15 " - " " UP " "