

Library Reference 9.35

2010 YOY relative weight, juvenile seine data.

a. Sorted by sample period and stratum.

Sample period	Stratum	Species	Relative weight	SE	N
late June	Stratum 3	Largemouth bass	122.42		1
mid July	Stratum 1	Largemouth bass	121.54	3.54	19
		Smallmouth bass	124.52		1
	Stratum 2	Largemouth bass	128.05	4.68	25
	Stratum 3	Largemouth bass	133.09	2.65	42
	Stratum 4	Largemouth bass	127.07	3.20	53
		Smallmouth bass	142.68		1
Stratum 5	Largemouth bass	133.71	2.36	48	
early August	Stratum 1	Largemouth bass	124.23	2.02	23
	Stratum 4	Largemouth bass	129.58	3.71	31
		Smallmouth bass	130.63		1
	Stratum 5	Largemouth bass	124.94	2.47	34
Smallmouth bass		110.28		1	
late August	Stratum 1	Largemouth bass	123.22	1.57	29
	Stratum 2	Largemouth bass	98.12	6.14	5
	Stratum 3	Largemouth bass	293.07	177.34	6
	Stratum 4	Largemouth bass	109.01	3.88	7
	Stratum 5	Largemouth bass	113.35	2.13	33
early September	Stratum 1	Largemouth bass	105.51	1.30	14
	Stratum 3	Largemouth bass	102.06		1
	Stratum 4	Largemouth bass	104.97	4.43	5
	Stratum 5	Largemouth bass	116.59	2.06	26
late September	Stratum 1	Largemouth bass	122.52		1
	Stratum 3	Largemouth bass	105.87	1.42	41
	Stratum 4	Largemouth bass	114.90		1
	Stratum 5	Largemouth bass	114.81	2.77	8

b. Sorted by sample period for whole lake

Sample period	Species	Relative weight	SE	N
late June	Largemouth bass	122.42		1
mid July	Largemouth bass	129.70	1.45	187
	Smallmouth bass	133.60	9.08	2
early August	Largemouth bass	126.39	1.70	88
	Smallmouth bass	120.45	10.18	2
late August	Largemouth bass	129.08	13.37	80
early September	Largemouth bass	111.64	1.55	46
late September	Largemouth bass	107.77	1.33	51

Note: Relative weight (W_r) is the ratio of the actual weight of a fish to what an average healthy fish of the same length should weigh (called standard weight which is based on published values). Fish with high W_r (>100) are fatter than the standard weight of a fish of the same length, while those with low W_r (<100) are thinner.