

## Library Reference 8.7.4.2.5

### 2009 YOY relative weight.

a. Sorted by sample period and stratum.

Sample period	Stratum	Species	Relative weight	SE	N
mid July	Stratum 4	Largemouth bass	134.64	21.93	7
	Stratum 5	Largemouth bass	129.70	14.25	8
		Smallmouth bass	81.80		1
early August	Stratum 1	Largemouth bass	132.41	2.30	27
	Stratum 2	Largemouth bass	115.89	7.44	2
	Stratum 3	Largemouth bass	105.51	9.65	6
	Stratum 4	Largemouth bass	122.53	3.89	19
		Smallmouth bass	122.92		1
	Stratum 5	Largemouth bass	111.63	2.86	10
		Smallmouth bass	127.87	3.97	2
late August	Stratum 1	Largemouth bass	123.55	4.31	5
		Smallmouth bass	129.09		1
	Stratum 3	Largemouth bass	106.08	8.06	3
	Stratum 4	Largemouth bass	106.09	3.19	3
September	Stratum 1	Largemouth bass	117.46	2.59	10
		Smallmouth bass	105.38	2.57	9
	Stratum 2	Smallmouth bass	99.63		1
	Stratum 3	Largemouth bass	104.51	1.78	4
	Stratum 4	Smallmouth bass	106.11		1
	late September	Stratum 1	Largemouth bass	119.41	6.12
Stratum 3		Largemouth bass	113.67	3.72	2
Stratum 5		Largemouth bass	116.83	2.40	2

b. Sorted by sample period for whole lake

Sample period	Species	Relative weight	SE	N
mid July	Largemouth bass	132.00	12.28	15
	Smallmouth bass	81.80		1
early August	Largemouth bass	123.19	2.12	64
	Smallmouth bass	126.22	2.82	3
late August	Largemouth bass	114.03	3.88	11
	Smallmouth bass	129.09		1
September	Largemouth bass	113.76	2.48	14
	Smallmouth bass	104.92	2.15	11
late September	Largemouth bass	117.56	3.41	9

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.