



# Largemouth Bass Relative Weight Index in Grams

AES Fact Sheet No. 73

## Largemouth Bass Relative Weight Index

Length (in.)	Standard Weight (lbs.)	Weight of Bass Caught (Grams)						
		110%	100% (Standard Weight)	95%	90%	85%	80%	75%
10	0.5	250	227	215	204	193	181	170
10.5	0.6	304	276	262	249	235	221	207
11	0.7	339	308	293	278	262	247	231
11.5	0.8	389	354	336	318	301	283	265
12	0.9	449	408	388	367	347	327	306
12.5	1.0	509	463	440	416	393	370	347
13	1.1	579	526	500	474	447	421	395
13.5	1.3	653	594	565	535	505	475	446
14	1.5	734	667	633	600	567	533	500
14.5	1.6	818	744	707	670	632	595	558
15	1.8	913	830	789	747	706	664	623
15.5	2.0	1013	921	875	829	783	737	691
16	2.2	1123	1021	970	919	868	816	765
16.5	2.5	1238	1125	1069	1012	956	900	844
17	2.7	1362	1238	1176	1114	1053	991	929
17.5	3.0	1497	1361	1293	1225	1157	1089	1021
18	3.2	1637	1488	1413	1339	1265	1190	1116
18.5	3.5	1786	1624	1543	1461	1380	1299	1218
19	3.9	1942	1765	1676	1588	1500	1412	1323
19.5	4.2	2112	1920	1824	1728	1632	1536	1440
20	4.5	2290	2082	1978	1874	1770	1666	1562
20.5	4.9	2475	2250	2137	2025	1912	1800	1687
21	5.3	2674	2431	2310	2188	2067	1945	1823
21.5	5.7	2884	2622	2491	2360	2229	2097	1966
22	6.2	3103	2821	2680	2539	2398	2257	2116
22.5	6.6	3333	3030	2879	2727	2576	2424	2273
23	7.1	3577	3252	3090	2927	2764	2602	2439
23.5	7.6	3827	3479	3305	3131	2957	2783	2609
24	8.1	4096	3724	3538	3352	3165	2979	2793
24.5	8.7	4376	3978	3779	3580	3381	3182	2984

Measure fish from tip of nose with mouth closed to the end of the tail (make sure to “pinch” the tail). To estimate weight of a specific bass, weigh in grams and measure in inches to nearest ½ inch and then using the table above look up the relative weight of the bass length. For example: a bass was caught measuring 16” and weighed 940 grams. Looking at the chart this particular bass has a relative weight of approximately 92%. To get the exact relative weight of a bass, use the standard weight column from the table above to find the standard weight of the bass caught. Divide the actual weight of the bass caught by the standard weight and multiply by 100. This will give you the relative weight of the bass caught. Example: a 20.5” bass was caught weighing 2100 grams. Looking at the table above, the standard weight for a 20.5” is 2250 grams.  $2100/2250 = 0.933 * 100 = 93\%$ .

1 pound = 454 grams  
1 ounce = 28.35 grams  
1 ounce = .0625 lbs

Education in the School of Fish

Offices: Ball Ground, GA & Forsyth, GA