

Largemouth Bass Relative Weight Index

| Length (in.) | Standard Weight (lbs.) | Weight of Bass Sampled (grams) | | | | | | | |
|-----------------|------------------------------|--------------------------------|----------------------------|------|------|------|------|------|--|
| | | 110% | Standard Weight 100% | 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 | 2026 | 1842 | 1750 | 1657 | 1565 | 1473 | 1381 | |
| 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 get an estimate of a specific bass, weigh (in grams) and measure (in inches), then using the table above look up the relative weight of the bass. For example: a bass was caught measuring 16” and weighed 945 grams. Looking at the chart this particular bass has a relative weight of approximately 92-93%. To get the exact relative weight of a bass, use the standard weight column (pounds or grams) 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 19” bass was caught weighing 3.6 pounds. Looking at the table above, the standard weight for a 19” is 4.2 pounds. $3.6/4.2 = 0.857 * 100 = 85.7$. The relative weight for this particular fish is 86%.

1 pound = 454 grams
 1 ounce = 28.35 grams

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