

Vital statistics of a long term study of the Lake Chemung largemouth bass population. A detailed analysis will be presented at the conclusion of the study.

**Table 1.** Sampling data from largemouth bass sampling on Lake Chemung, 2008-2012.

<b>Date</b>	<b>Water Temperature (F)</b>	<b>Conductivity (<math>\mu\text{S}/\text{cm}</math>)</b>	<b>Electrofishing boat settings</b>
10/20-23/08	54-58	680	DC/30 pps/4-8 amps
09/27-30/09	64-69	665	DC/60 pps/4-5 amps
09/27-30/10	59-60	700	DC/60 pps/4-5 amps
09/28/11	61	?	DC/60 pps/4-5 amps
09/24/12	62	648	DC/60 pps/4-5 amps
09/26/13	64	?	DC/60 pps/4-6 amps

**Table 2** Largemouth bass catch per transect from Lake Chemung, 2009-2012.

<b>Year</b>	<b>Transect 1 (1.20 miles)</b>	<b>Transect 2 (0.99 miles)</b>	<b>Transect 3 (1.04 miles)</b>	<b>Transect 4 (0.85 miles)</b>
2009	155	167	192	157
2010	616	549	841	806
2011	81	118	123	55
2012	54	86	79	61
2013	87	100	95	104

**Table 4.** Largemouth bass size distribution for Lake Chemung, 2008-2013.

	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Number caught	571	671	2812	377	280	386
Average size (inches)	10.7	8.9	5.3 (*10.2)	8.7	9.9	10.3
Catch per hour	38.5	72.1	240.1	116.4	103.7	128.7
% $\leq$ 4 inches	0.9	5.1	71.3	2.1	1.1	1.0
% $\geq$ 6 inches	90.7	82.9	27.8	91.8	97.9	97.2
% $\geq$ 8 inches	70.7	64.5	22.9	36.3	91.8	81.9
% $\geq$ 10 inches	55.9	25.3	14.0	27.6	28.2	60.4
% $\geq$ 12 inches	36.4	16.1	6.7	17.2	13.6	16.1
% $\geq$ 14 inches	19.6	7.0	2.8	8.5	7.1	7.0

\*If you remove lmb <5 inches, average size = 10.2 inches.

**Figure 1.** Size distribution of largemouth bass from Lake Chemung, 2008-2013.

