

Whole Lake Electrofishing CPUE total catch, and relative abundance in 2009 for each sampling event (spring and fall) - 2009 entire year.

Note: CPUE for gamefish (bolded) is calculated from all 24 transects. CPUE for non-gamefish are calculated from only the one-half of the transects where all fish are collected (every other transect). Because of the difficulty in netting clupeids (shad and alewives), the CPUE for these species is calculated from the combination of the number of fish netted and estimates of the number missed. Because of their large size carp are not boated; instead, carp within netting distance are counted while still in the water.

a.) 2009 Entire year

Species	Mean CPUE	SE	Total fish	Relative abundance with clupeids	Relative abundance without clupeids
Pumpkinseed	136	14.9	1,606	25.0%	31.5%
Alewife	76.7	24.0	463	14.1%	-
White perch	71.5	16.0	420	13.1%	16.6%
Yellow perch	49.1	6.5	575	9.0%	11.4%
Brown bullhead	36.3	3.0	422	6.7%	8.4%
Gizzard shad	36.2	13.8	218	6.6%	-
Largemouth bass	24.2	3.0	285	4.4%	5.6%
White sucker	24.0	3.3	139	4.4%	5.6%
Carp	21.0	4.8	121	3.9%	4.9%
Bluegill	20.3	3.2	240	3.7%	4.7%
Golden shiner	18.9	4.5	113	3.5%	4.4%
Smallmouth bass	13.7	2.0	163	2.5%	3.2%
Rock bass	7.2	1.4	87	1.3%	1.7%
Shorthead redhorse	2.3	0.8	14	0.4%	0.5%
Freshwater drum	1.7	0.6	10	0.3%	0.4%
Walleye	0.8	0.3	10	0.2%	0.2%
Longnose gar	0.7	0.3	4	0.1%	0.2%
Banded killifish	0.7	0.5	4	0.1%	0.2%
Northern pike	0.7	0.2	8	0.1%	0.2%
Bowfin	0.7	0.3	4	0.1%	0.2%
Yellow bullhead	0.6	0.2	7	0.11%	0.1%
Channel catfish	0.5	0.2	6	0.10%	0.12%
Black crappie	0.5	0.2	6	0.09%	0.11%
Northern hog sucker	0.3	0.2	2	0.06%	0.07%
Quillback	0.2	0.2	1	0.03%	0.04%
Lepomis sp.	0.2	0.2	1	0.03%	0.04%
Black bullhead	0.1	0.1	1	0.02%	0.02%
Chain pickerel	0.1	0.1	1	0.01%	0.02%

Whole Lake Electrofishing CPUE total catch, and relative abundance in 2009 for each sampling event (spring and fall). (continued) - 2009 spring.

Note: CPUE for gamefish (bolded) is calculated from all 24 transects. CPUE for non-gamefish are calculated from only the one-half of the transects where all fish are collected (every other transect). Because of the difficulty in netting clupeids (shad and alewives), the CPUE for these species is calculated from the combination of the number of fish netted and estimates of the number missed. Because of their large size carp are not boated; instead, carp within netting distance are counted while still in the water.

b.) 2009 Spring

Species	Mean CPUE	SE	Total fish	Relative abundance with clupeids	Relative abundance without clupeids
Alewife	157.5	51.4	460	24.6%	-
Pumpkinseed	139.0	16.9	821	21.7%	29.4%
White perch	95.7	21.9	284	14.9%	20.2%
Yellow perch	46.1	5.5	266	7.2%	9.7%
Brown bullhead	45.1	4.5	263	7.0%	9.5%
Carp	29.5	9.4	86	4.6%	6.2%
White sucker	26.5	5.7	75	4.1%	5.6%
Golden shiner	24.9	7.8	76	3.9%	5.3%
Largemouth bass	20.5	3.7	120	3.2%	4.3%
Smallmouth bass	18.7	2.6	111	2.9%	4.0%
Bluegill	11.8	2.1	70	1.8%	2.5%
Gizzard shad	10.5	6.1	31	1.6%	-
Shorthead redhorse	3.7	1.5	11	0.6%	0.8%
Rock bass	3.0	0.8	18	0.5%	0.6%
Walleye	1.7	0.7	10	0.3%	0.4%
Banded killifish	1.4	0.9	4	0.2%	0.3%
Longnose gar	1.1	0.6	3	0.2%	0.2%
Freshwater drum	1.1	0.6	3	0.2%	0.2%
Northern pike	0.7	0.3	4	0.1%	0.1%
Bowfin	0.7	0.4	2	0.1%	0.1%
Northern hog sucker	0.6	0.4	2	0.1%	0.1%
Lepomis sp.	0.3	0.3	1	0.1%	0.1%
Yellow bullhead	0.3	0.2	2	0.05%	0.07%
Quillback	0.3	0.3	1	0.05%	0.07%
Black bullhead	0.2	0.2	1	0.03%	0.04%
Channel catfish	0.2	0.2	1	0.02%	0.03%
Chain pickerel	0.1	0.1	1	0.02%	0.03%

Whole Lake Electrofishing CPUE total catch, and relative abundance in 2009 for each sampling event (spring and fall). (continued) - 2009 fall.

Note: CPUE for gamefish (bolded) is calculated from all 24 transects. CPUE for non-gamefish are calculated from only the one-half of the transects where all fish are collected (every other transect). Because of the difficulty in netting clupeids (shad and alewives), the CPUE for these species is calculated from the combination of the number of fish netted and estimates of the number missed. Because of their large size carp are not boated; instead, carp within netting distance are counted while still in the water.

c.) 2009 Fall

Species	Mean CPUE	SE	Total fish	Relative abundance with clupeids	Relative abundance without clupeids
Pumpkinseed	132.7	17.3	785	29.2%	34.0%
Gizzard shad	62.9	24.5	187	13.8%	-
Yellow perch	52.3	8.5	309	11.5%	13.4%
White perch	46.6	11.4	136	10.3%	11.9%
Bluegill	28.8	5.2	170	6.3%	7.4%
Brown bullhead	27.8	3.0	159	6.1%	7.1%
Largemouth bass	27.7	3.6	165	6.1%	7.1%
White sucker	21.2	4.7	64	4.7%	5.4%
Golden shiner	13.0	3.4	37	2.9%	3.3%
Carp	12.6	3.3	35	2.8%	3.2%
Rock bass	11.5	2.4	69	2.5%	2.9%
Smallmouth bass	8.5	2.2	52	1.9%	2.2%
Freshwater drum	2.3	0.9	7	0.5%	0.6%
Shorthead redhorse	1.0	0.5	3	0.2%	0.3%
Alewife	1.0	0.8	3	0.2%	-
Black crappie	1.0	0.5	6	0.2%	0.3%
Channel catfish	0.9	0.4	5	0.2%	0.2%
Yellow bullhead	0.8	0.5	5	0.2%	0.2%
Bowfin	0.7	0.5	2	0.15%	0.2%
Northern pike	0.6	0.3	4	0.14%	0.2%
Longnose gar	0.3	0.3	1	0.07%	0.1%