

Library Reference 8.7.7.2.12

Presence/absence and CPUE of larval and YOY fishes in samples collected from Onondaga Lake from 2000-2009.

a) Larvae Trawls (#/ m3). Note: trawls in 2000 were done at night. Trawls in 2001 and 2002 were done during the day.

Species	Notes	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Alewife						0.0041	0.0522	0.0004	0.0205	0.0237	0.0478
Bluegill									0.0080	0.0299	0.0025
Brook silverside						0.0020					
Carp				0.0050			0.0030				
Freshwater drum		0.31	0.01	0.0310						0.0028	
Gizzard shad	3	2.472	0.49	0.8500	0.0590	0.0271		0.0147		0.0330	0.0026
Lepomis	1	0.382	0.01	0.3440	0.0950	0.0019	0.0028	0.0047			
Logperch		<0.01									
Pumpkinseed									0.0025	0.0220	0.0074
White perch		0.027	0.04	0.0480							0.0025
White sucker			0.07								
Yellow perch			0.14	0.019			0.0031				0.0074
Richness	2	5	6	6	2	4	4	3	3	5	6

Notes:

- 1 - *Lepomis* are likely a combination of both bluegill and pumpkinseed.
- 2 - Richness assumes *Lepomis* is composed both bluegill and pumpkinseed
- 3 - Gizzard shad CPUE in 2000 trawls is a combination of gizzard shad (0.017) and herring family (2.46).

Presence/absence and CPUE of larval and YOY fishes in samples collected from Onondaga Lake from 2000-2009 (continued).

b) Young-of-the-Year (# per seine haul)

Species	Notes	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Banded killifish*						0.07	0.54		0.26		
Bluegill										0.03	0.01
Bluntnose minnow*								0.01			
Brook silverside*											
Brook stickleback*											
Brown bullhead			0.03	0.02	0.03		0.20		0.01	2.67	0.12
Carp		0.02	0.03	0.48	0.63	0.64	0.33		0.03	0.17	0.37
Channel catfish				0.02							
Emerald shiner*											
Fathead minnow*											
Gizzard shad		70.30	26.10	0.03	2.70	1.98	0.02			0.10	
Golden shiner*							0.02		0.01	4.91	0.17
Johnny darter*											
Largemouth bass		1.50	4.30	5.00	1.90	6.87	16.99	5.10	7.81	1.21	1.39
Lepomis	1	25.20	92.40	157.00	42.20	16.12	33.36	4.64	7.66	7.31	0.16
Logperch*											
Longnose gar		0.02				0.01					
Northern hogsucker		0.02									
Pumpkinseed								0.01		0.02	
Rock bass							0.07	0.04	0.06	0.10	0.01
Smallmouth bass		2.70	3.30	1.10	0.70	1.57	4.01	0.50	0.53	0.31	0.18
Tessellated darter*							0.02		0.01	0.01	0.01
White perch		2.60	0.60	0.13	0.12	0.02				0.01	0.07
White sucker		0.06	0.15	0.02							0.07
Yellow perch			5.60	0.03			0.13			0.01	
Richness	2	14.00	18.00	17.00	15.00	14.00	14.00	11.00	10.00	17.00	17.00

Notes:

1 - *Lepomis* are likely a combination of both bluegill and pumpkinseed.

2 - Richness assumes *Lepomis* is composed both bluegill and pumpkinseed

* denotes species that are difficult to distinguish in the YOY stage due to their small size as adults. These species are assumed to be present as YOY if captured in littoral seines, but a CPUE is not included because the catch may include both YOY and adults.