



# WISCONSIN DEPARTMENT OF NATURAL RESOURCES

## Fisheries Information Sheet

**LAKE:** Tom Doyle Lake

**COUNTY:** Oneida

**YEAR:** 2023

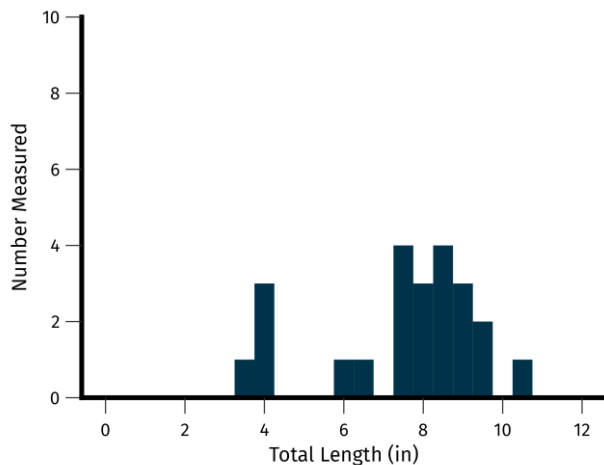
### Introduction

The Wisconsin Department of Natural Resources (DNR) assessed bass and panfish in Tom Doyle Lake during the spring of 2023 with an electrofishing survey. Tom Doyle Lake is a drainage lake with 108 surface acres, 2.4 miles of shoreline, a maximum depth of 30 feet and 68 dwellings on the shoreline. Gamefish were collected during the 2.6-mile circuit of the entire shoreline while panfish and all other species were collected in two half-mile transects.

### BLACK CRAPPIE



A total of 23 black crappies were captured while surveying Tom Doyle Lake. Lengths of measured black crappies varied between 3.7 inches and 10.6 inches, with a mean length of 7.5 inches. A decent size structure was found, with 52% of measured black crappies being 8 inches or greater. Caution should be applied when interpreting size structure as few individuals were captured.



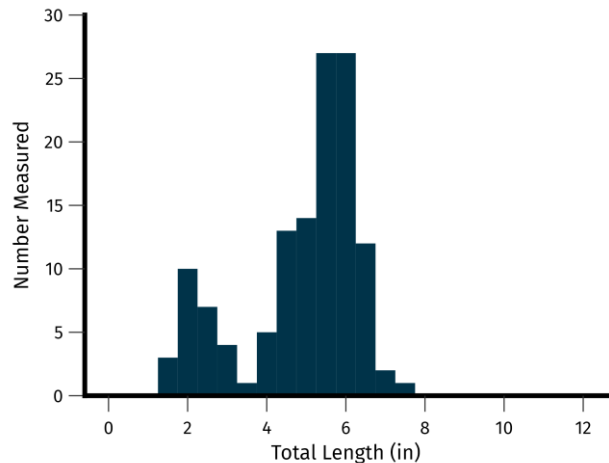
22.0 black crappie per mile $\geq$ 5 inches	
Quality Size $\geq$ 8 inches	11.0 per mile
Preferred Size $\geq$ 10 inches	1.0 per mile

## BLUEGILL



A total of 155 bluegills were captured while surveying Tom Doyle Lake. Lengths of measured bluegills varied between 1.3 inches and 7.5 inches, with a mean length of 4.9 inches. A smaller size structure was found, with 25% of measured bluegills being 6 inches or greater.

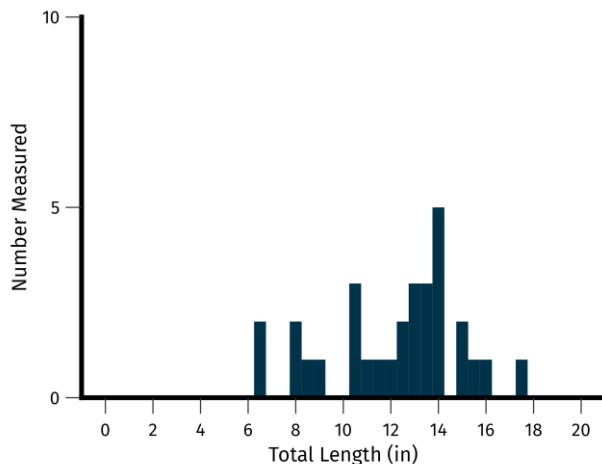
105.0 bluegill per mile $\geq$ 3 inches	
Quality Size $\geq$ 6 inches	32.0 per mile
Preferred Size $\geq$ 8 inches	0.0 per mile



## LARGEMOUTH BASS



A total of 30 largemouth bass were captured while surveying Tom Doyle Lake. Lengths of measured largemouth bass varied between 6.4 inches and 18.4 inches, with a mean length of 17.6 inches. A decent size structure was found, with 62% of measured largemouth bass being 12 inches or greater.

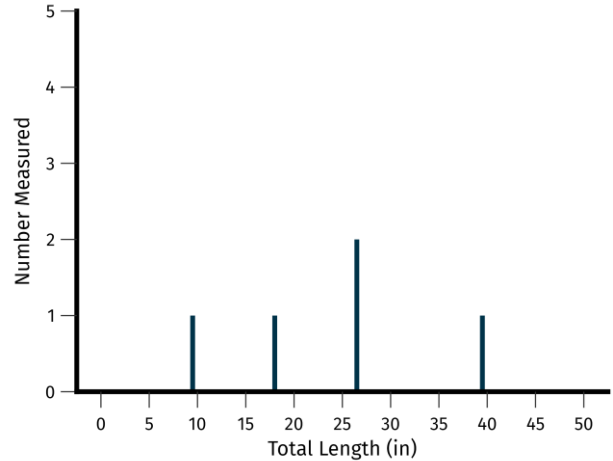


10.5 largemouth bass per mile $\geq$ 7 inches	
Quality Size $\geq$ 12 inches	7.4 per mile
Preferred Size $\geq$ 15 inches	1.9 per mile

## MUSKELLUNGE



A total of five muskellunge were captured while surveying Tom Doyle Lake. Lengths of measured muskellunge varied between 9.5 inches and 39.6 inches, with a mean length of 24.0 inches. A smaller size structure was found, with 20% of measured muskellunge being 34 inches or greater. Caution should be applied when interpreting size structure as few individuals were captured.

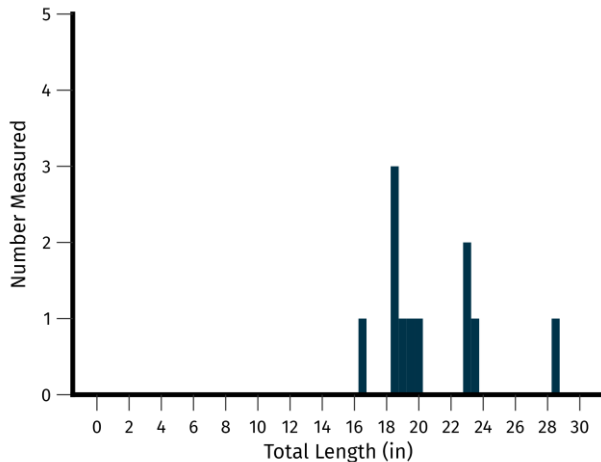


0.4 muskellunge per mile $\geq$ 30 inches	
Quality Size $\geq$ 34 inches	0.4 per mile
Preferred Size $\geq$ 38 inches	0.4 per mile

## NORTHERN PIKE



A total of 11 northern pike were captured while surveying Tom Doyle Lake. Lengths of northern pike varied between 16.7 inches and 28.4 inches, with a mean length of 20.9 inches. A smaller size structure was found, with 36% of measured northern pike being 21 inches or greater. Caution should be applied when interpreting size structure as few individuals were captured.

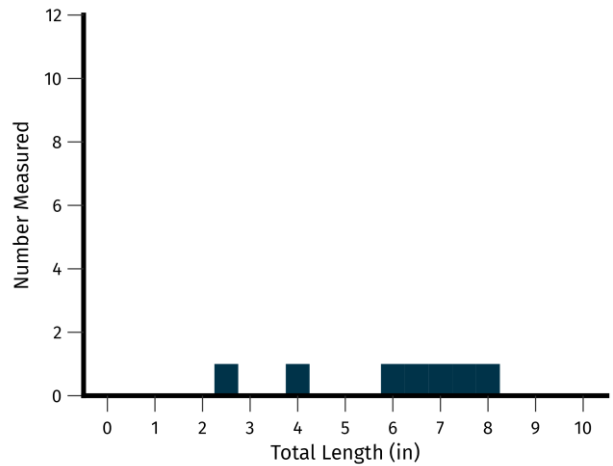


4.3 northern pike per mile $\geq$ 14 inches	
Quality Size $\geq$ 21 inches	1.6 per mile
Preferred Size $\geq$ 28 inches	0.4 per mile

## PUMPKINSEED



A total of seven pumpkinseeds were captured while surveying Tom Doyle Lake. Lengths of measured pumpkinseeds varied between 2.4 inches and 8.1 inches, with a mean length of 6.0 inches. A good size structure was found with 71% of pumpkinseeds being 6 inches or larger. Caution should be applied when interpreting size structure as few individuals were captured.

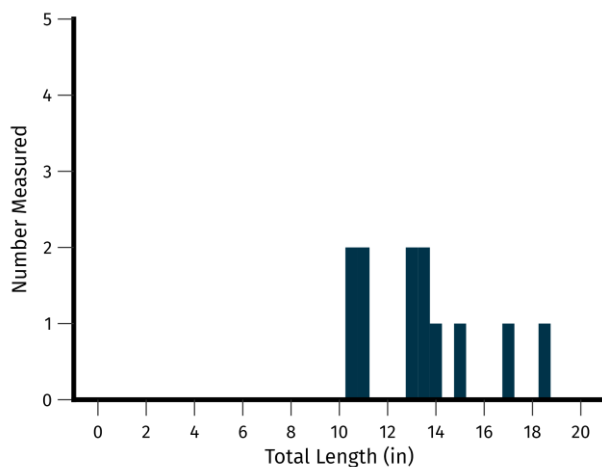


6.0 pumpkinseed per mile $\geq$ 3 inches	
Quality Size $\geq$ 6 inches	5.0 per mile
Preferred Size $\geq$ 8 inches	1.0 per mile

## SMALLMOUTH BASS



A total of 12 smallmouth bass were captured while surveying Tom Doyle Lake. Lengths of smallmouth bass varied between 10.3 inches and 18.6 inches, with a mean length of 13.4 inches. A smaller size structure was found, with 25% of measured smallmouth bass being 14 inches or greater. Caution should be applied when interpreting size structure as few individuals were captured.

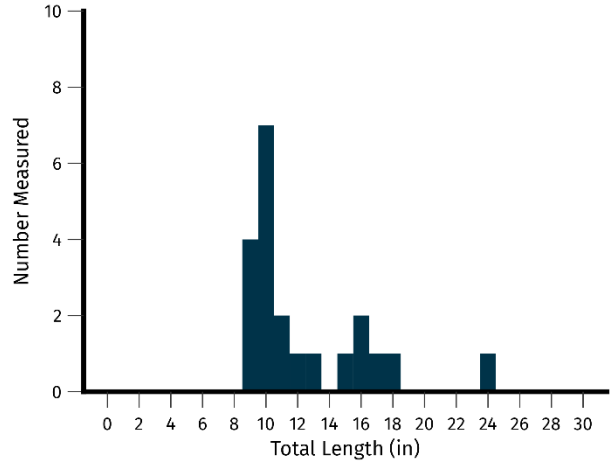


4.7 smallmouth bass per mile $\geq$ 7 inches	
Quality Size $\geq$ 11 inches	3.5 per mile
Preferred Size $\geq$ 14 inches	1.2 per mile

## WALLEYE



A total of 21 walleye were captured while surveying Tom Doyle Lake. Lengths of measured walleye varied between 9.1 inches to 23.8 inches, with a mean length of 12.3 inches. A smaller size structure was found, with 29% of measured walleye being 15 inches or greater. Caution should be applied when interpreting size structure as few individuals were captured.

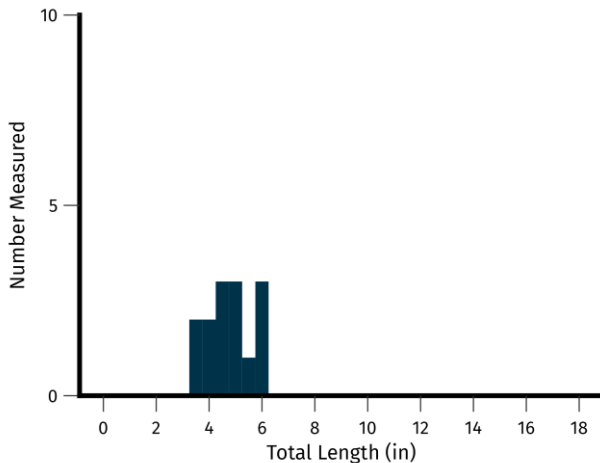


4.3 walleye per mile $\geq$ 10 inches	
Quality Size $\geq$ 15 inches	2.3 per mile
Preferred Size $\geq$ 20 inches	0.4 per mile

## YELLOW PERCH



A total of 14 yellow perch were captured while surveying Tom Doyle Lake. Lengths of measured yellow perch varied between 3.3 inches to 6.2 inches, with a mean length of 4.8 inches. A small size structure was found, with none of the measured yellow perch being 8 inches or greater. Caution should be applied when interpreting size structure as few individuals were captured.



5.0 yellow perch per mile $\geq$ 5 inches	
Quality Size $\geq$ 8 inches	0.0 per mile
Preferred Size $\geq$ 10 inches	0.0 per mile

## OTHER SPECIES

Other species encountered on Tom Doyle Lake included bluntnose minnow (2), golden shiner (14), johnny darter (2), mudpuppy (1), white sucker (3) and yellow bullhead (1).

## Summary

Tom Doyle Lake is a complex-cool-dark lake with a mixed fishery that can be accessed by a gravel boat ramp on the south-west side of the lake off West Shore Drive. The relative abundance of each fish species during the 2023 survey on Tom Doyle Lake remained similar to what was found during the 2010 survey. Bluegill, largemouth bass, muskellunge and northern pike are in moderate abundance, and walleye are in low abundance relative to other lakes in northern Wisconsin. The muskellunge fishery is maintained by reproduction while the walleye fishery is likely supported by stocking by the lake association.

Table 1. General fishing regulations for Tom Doyle Lake, in Oneida Wisconsin.

SPECIES	SEASON DATES	DAILY BAG LIMIT	SIZE LIMIT
Bullhead	Open all year	Unlimited	No minimum length
Largemouth bass	May to mid-June	5	14" minimum length
Largemouth bass and smallmouth bass	Mid-June to March	5	14" minimum length
Northern pike	May to March	5	No minimum length
Muskellunge	End May to Dec 31	1	40" minimum length
Panfish	Open all year	25	No minimum length
Smallmouth bass	May to mid-June	Catch and release only	Catch and release only
Walleye	May to March	3, only 1 over 24"	15" minimum, 20-24" protected slot

## Acknowledgements

For answers to questions about fisheries management activities on Tom Doyle Lake, contact:

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