2025 Impoundment Rankings

Standardized boat electrofishing surveys are conducted on impoundments to monitor gamefish populations. The data are then analyzed to look at population structure, growth, and abundance. Electrofishing catch rate (fish/hour) of different size categories can be used as a metric of abundance, with higher catch rates indicating a greater number of fish of that size in the population. Catch rates for preferred size bass are calculated for all impoundment surveys. The tables below show statewide impoundment rankings for preferred size largemouth bass and smallmouth bass sampled over the past 5 years (2020-2024).

Largemouth Bass

Boat electrofishing catch rates (fish/hour) for largemouth bass >15 inches. For impoundments sampled over multiple years, the average annual catch rates were calculated. Impoundments are grouped by size (total acres).

Impoundment Name	Bass >15 inches	Years Sampled	Region
Small Impoundments (10-99 acres)			
Lake Needwood	22.1	2024	Central
Wye Mills Lake	21.5	2021, 2023	Eastern
Galestown Lake	20.4	2022	Eastern
Urieville Lake	18.6	2022	Eastern
Centennial Lake	17.9	2020	Central
Tuckahoe Lake	15.2	2020, 2022, 2024	Eastern
Smithville Lake	13.8	2022	Eastern
Allen Pond	13.5	2024	Eastern
Clopper Lake	12.8	2022	Central
Cunningham Falls Lake	12.2	2022	West 2
Leonards Mill Pond	9.9	2021, 2023	Eastern
Unicorn Lake	7.6	2021	Eastern
Greenbrier Lake	5.6	2021, 2024	West 2
Wheatley Lake	1.8	2022, 2023	Southern
Idylwild Pond	1.5	2023	Eastern
Lake Artemesia	1.4	2021	Southern
Medium Impoundments (100-999 acres)			
Frostburg Reservoir	37.5	2023	West 1
Johnsons Pond	36	2020, 2022, 2024	Eastern
Piney Run Reservoir	26.2	2022	Central
Rocky Gorge Reservoir	25.6	2022, 2024	West 1
Little Seneca Lake	18.7	2020, 2023, 2024	Central
Lake Habeeb	17.4	2022	West 1
Broadford Lake	10.7	2021, 2024	West 1
Lake Roland	6	2023	Central
Savage Reservoir	4.2	2022	West 1
Triadelphia Reservoir	2.1	2020	Southern

Large Impoundments (>1000 acres)			
Loch Raven Reservoir	30.5	2020, 2021, 2023	Central
Liberty Reservoir	12.6	2022	Central
Prettyboy Reservoir	9.4	2021, 2024	Central
Conowingo Reservoir	7.1	2020-2024	Eastern
Deep Creek Lake	5	2021-2024	West 1

Smallmouth bass

Boat electrofishing catch rates (fish/hour) for smallmouth bass >14 inches. For impoundments sampled over multiple years, the average annual catch rates were calculated.

Impoundment Name	Bass >14 inches	Years Sampled	Region
Conowingo Reservoir	14.4	2020-2024	Eastern
Prettyboy Reservoir	5.0	2021, 2024	Central
Deep Creek Lake	4.5	2021-2024	West 1
Broadford Lake	3.2	2021, 2024	West 1
Loch Raven Reservoir	1.4	2020, 2021, 2023	Central
Liberty Reservoir	1.4	2022	Central
Savage Reservoir	1.2	2022	West 1
Triadelphia Reservoir	0.7	2020	Southern