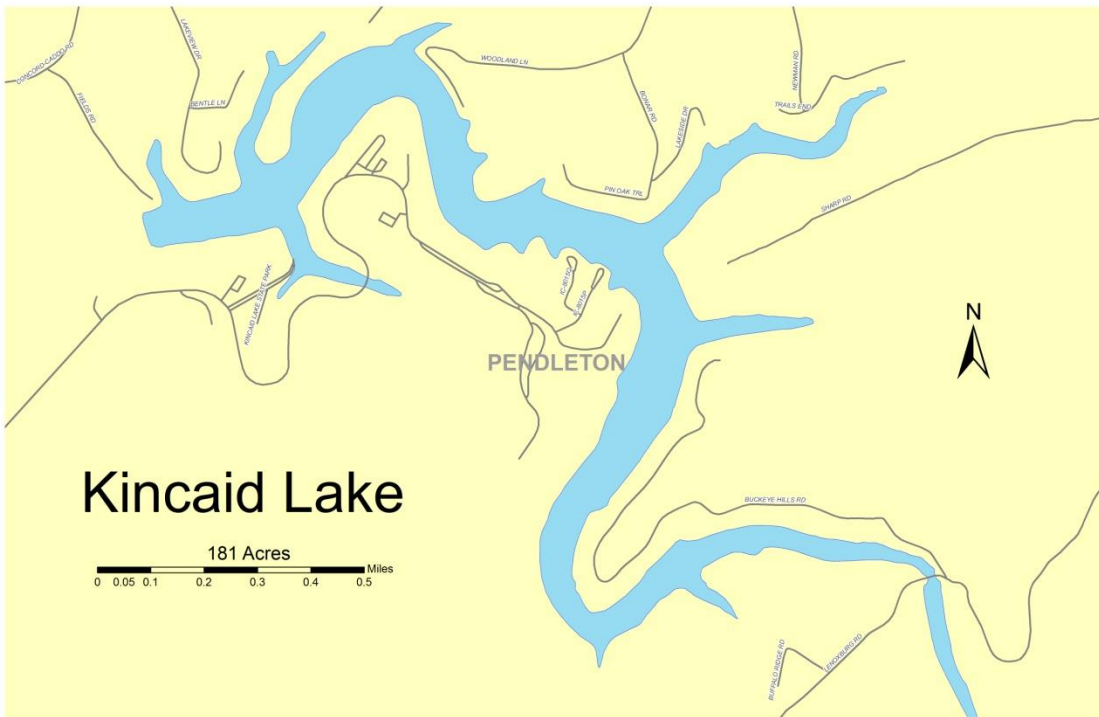


Kincaid Lake Bass Assessment 2019

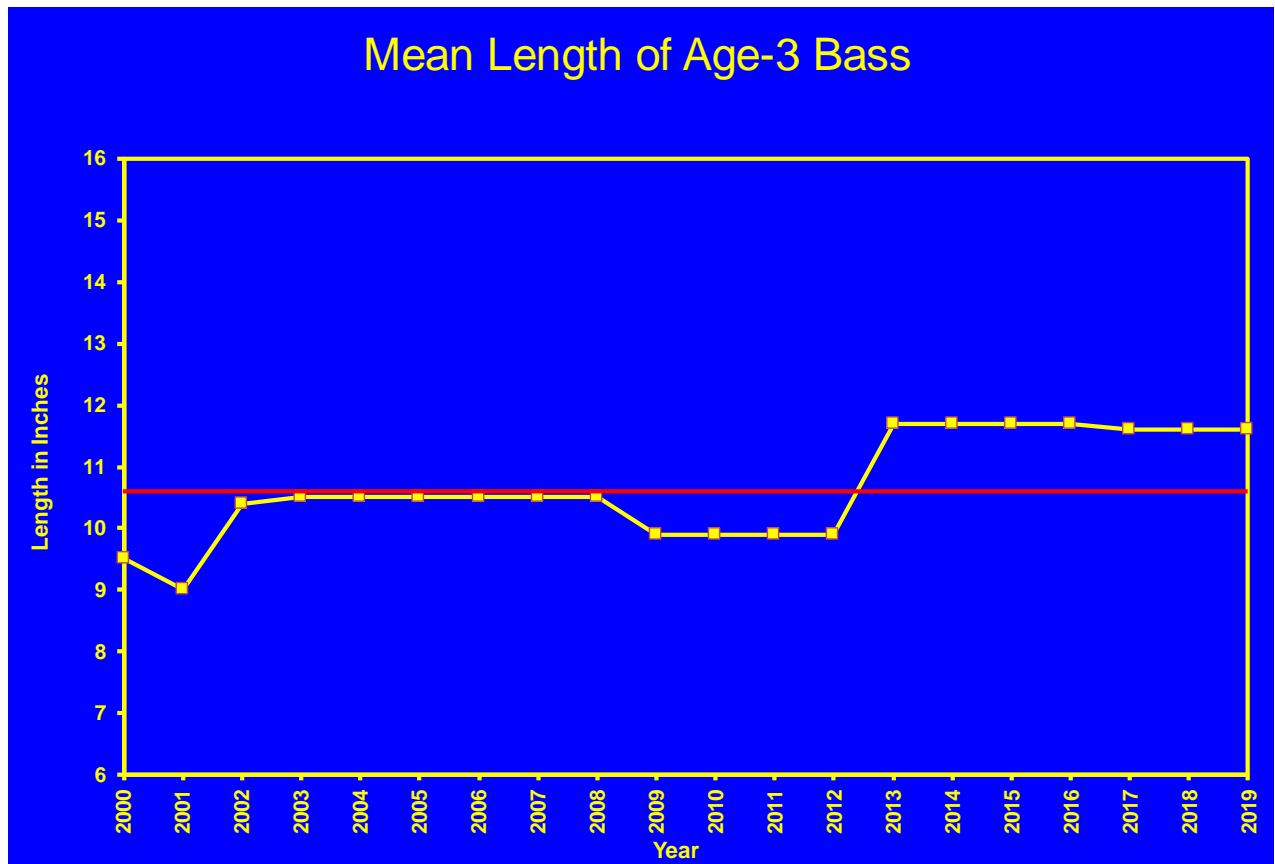
Kincaid Lake is a 183-acre reservoir owned by the Kentucky Department of Fish and Wildlife Resources and was impounded in the early 1960's. The lake has a very popular bass fishery due to the quality fishery and its close proximity to Northern Kentucky. Past creel surveys have shown moderate to heavy fishing pressure for largemouth bass at Kincaid Lake. The following graphs show trends and rankings for each of the five population parameters used in the largemouth bass assessment. Kincaid Lake assessments range over a period of twenty years.

Please see the [Sportfish Assessments](#) page for an explanation of how the assessment works and for a list of other lakes with largemouth bass assessments.



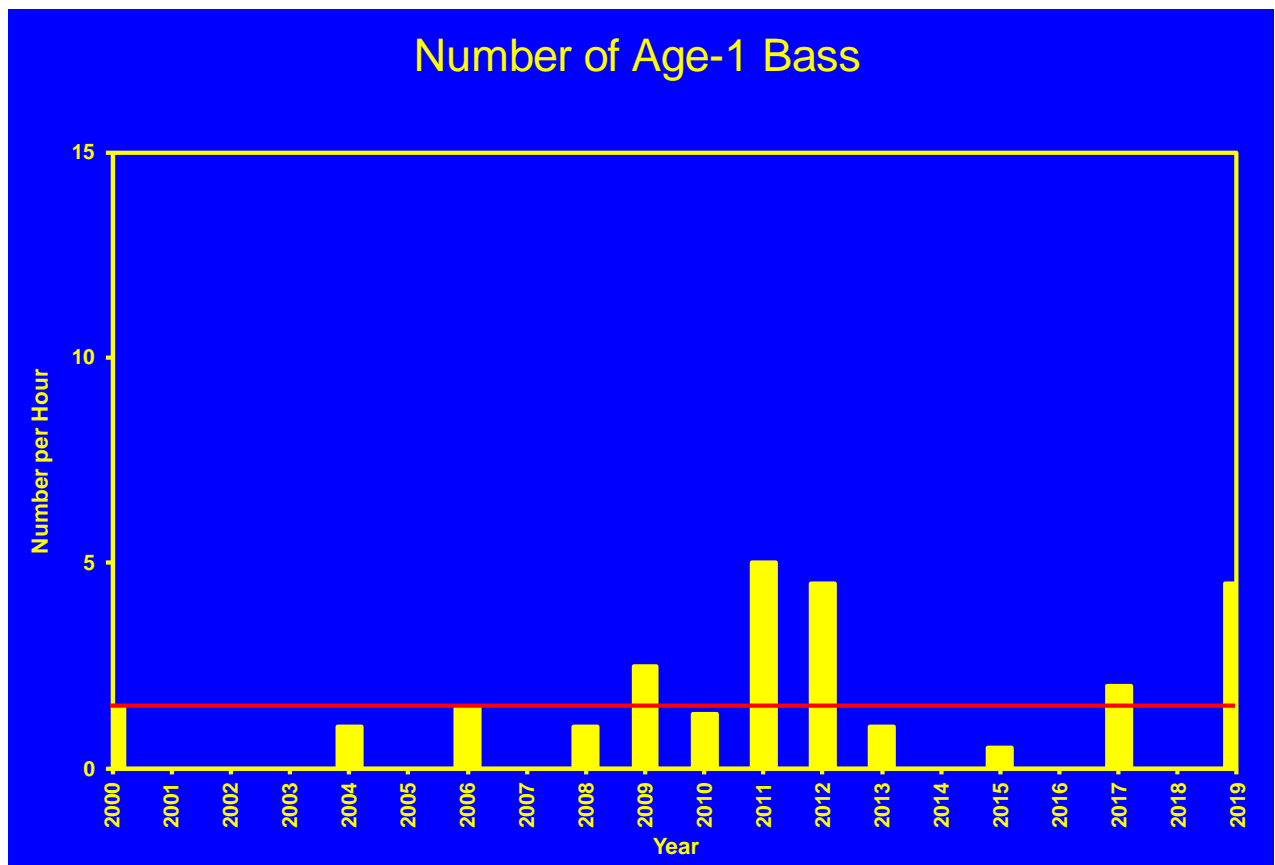
Parameter 1 – Length at age-3 (growth rate)

At Kincaid Lake, the length of an age-3 largemouth bass has averaged 10.7 inches since impoundment, and is represented by the red line. Compared to other reservoirs of a similar size, on average, largemouth bass generally exhibit fair growth at Kincaid Lake, even though the growth rate in any given year may range from poor to excellent. Growth rate can be variable and is generally related to factors such as population dynamics, food resources, and weather patterns. The last year that KDFWR aged largemouth bass at the lake was 2017. Growth during 2017 was ranked as being excellent. KDFWR biologists are planning to re-evaluate the growth rates of largemouth bass at Taylorsville Lake during their 2021 fall sampling.



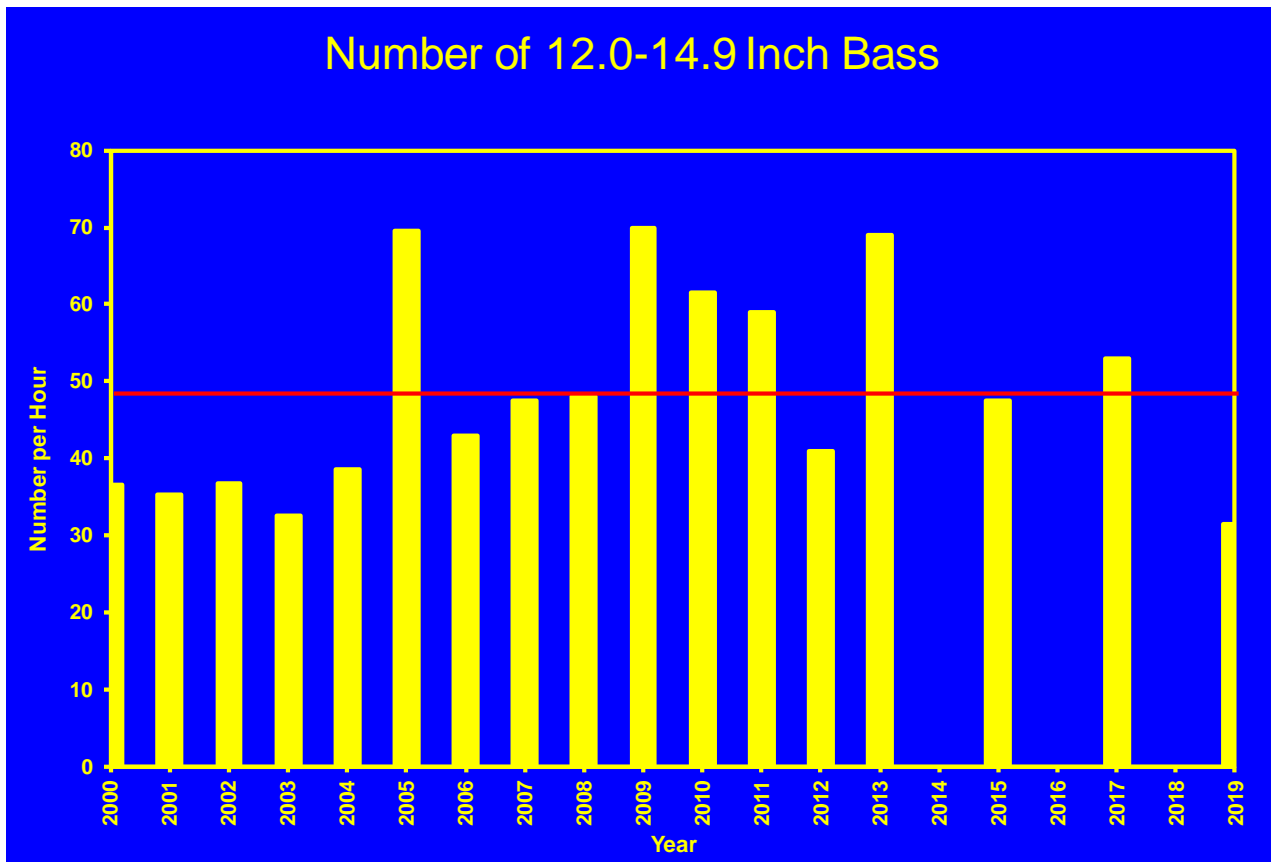
Parameter 2 – Numbers of age-1 bass (how good the spawn was)

KDFWR looks at the catch rates of age-1 largemouth bass to assess the success of the spawn which occurred in the prior year. This is an important parameter because the number of age-1 bass produced represents how good the fishing will be once these fish grow large enough for anglers to catch. At Kincaid, age-1 largemouth bass catch rates have averaged 1.5 bass/hr of electrofishing as indicated by the red line and overall is ranked as being poor compared to other lakes of similar size. Poor recruitment has been a historic problem at Kincaid Lake, but this recruitment has maintained a high quality bass fishery for many years.



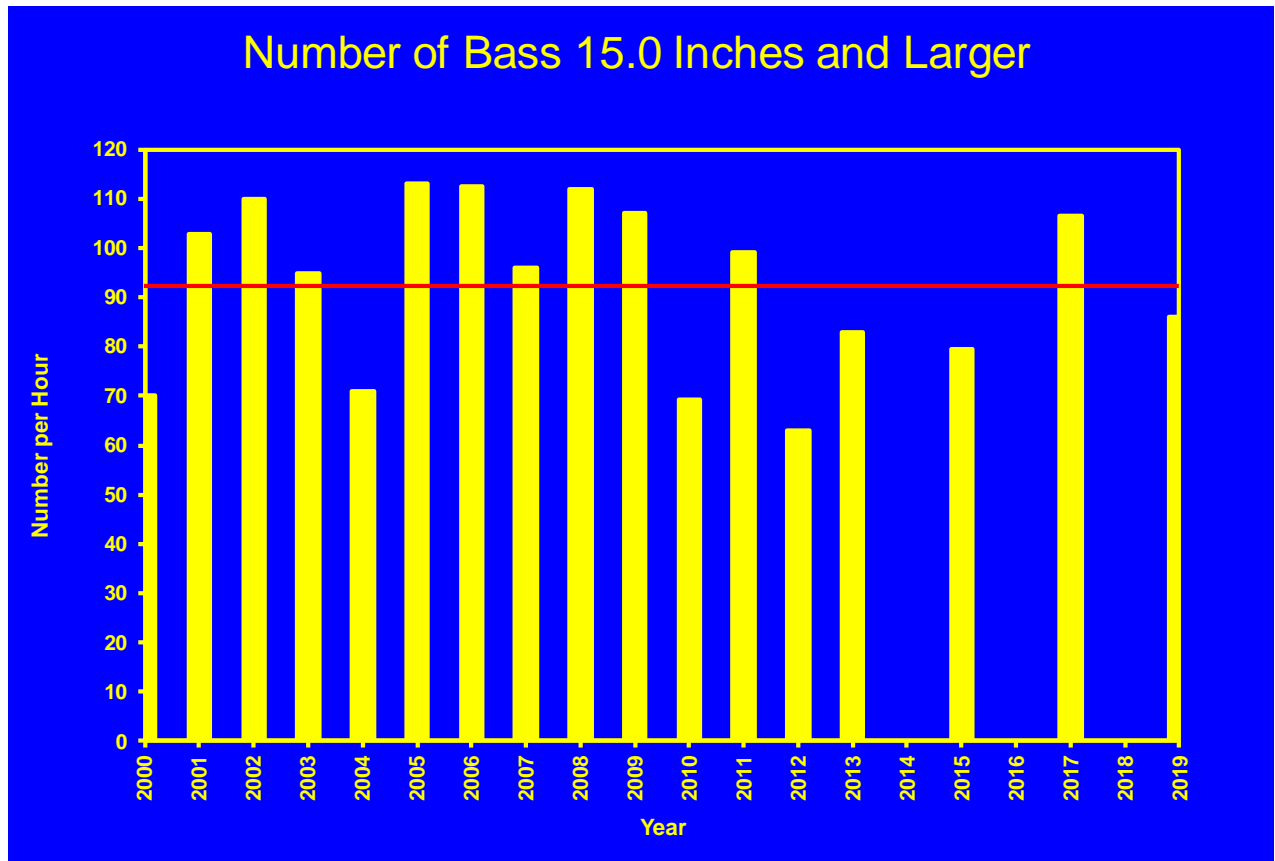
Parameter 3 – Numbers of 12.0-14.9 inch bass

The electrofishing catch of 12.0- to 14.9-inch largemouth bass has averaged almost 50.0 fish/hr over the years as indicated by the red line. As compared to other lakes, this is a very good, nearly excellent, catch rate for this size group of bass. Numbers of 12.0– to 14.9-inch largemouth bass has been generally above average over the past 10 years, however, it was below average in 2019. Fishing at the lake is expected to be good over the next several years even with this lower catch rate in 2019.



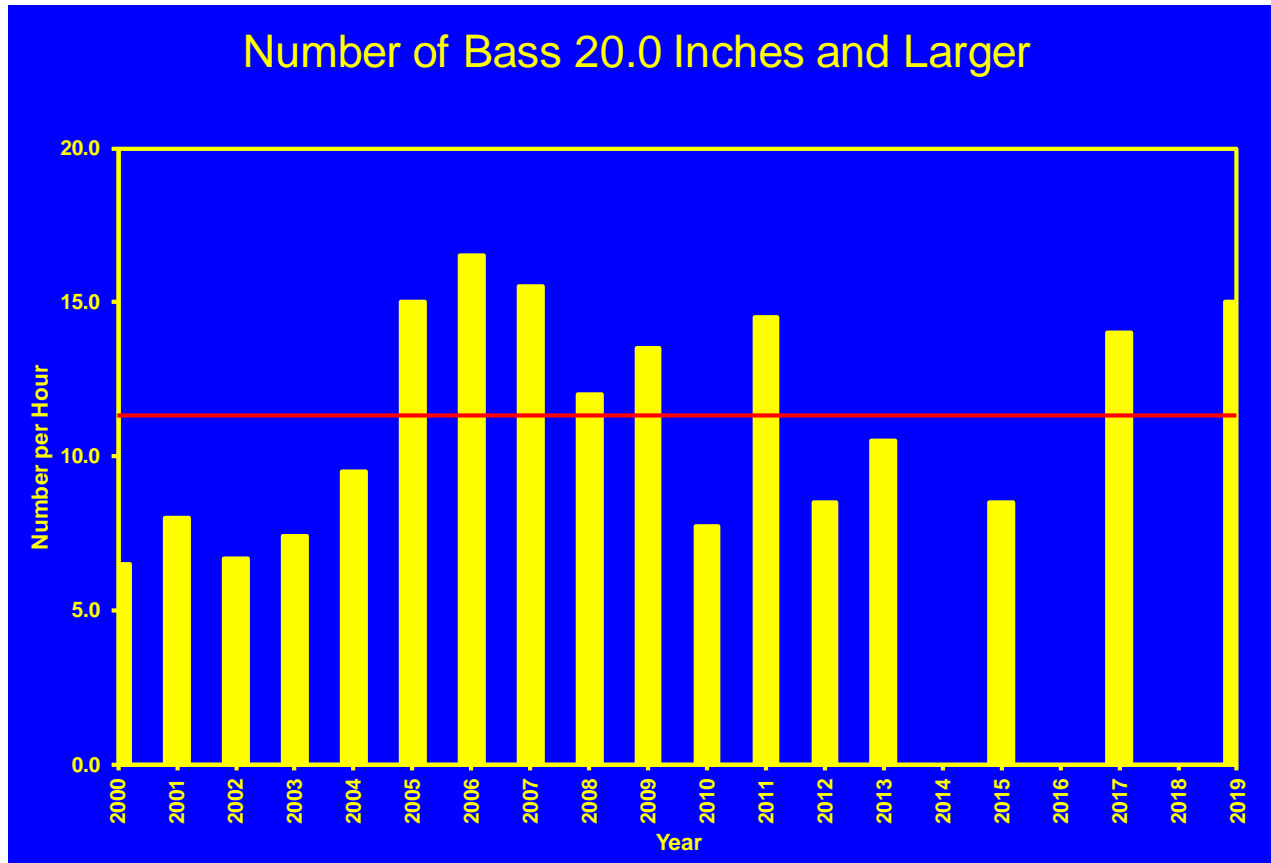
Parameter 4 – Numbers of 15.0 inch and larger bass

Electrofishing catch rates of 15.0-inch and larger largemouth bass have averaged over 90.0 fish/hr, as indicated by the red line. Again, as compared to other lakes, this is an excellent catch rate for this size group. Overall, these numbers have been consistent over the past 20 years with some ups and downs due to annual variation due to sampling conditions. In 2019, biologists observed a lower than average catch rate of largemouth bass in this size group. However, this is still a very high catch rate for lakes of this size.



Parameter 5 – Numbers of 20.0 inch and larger bass

The electrofishing catch of 20.0-inch and larger largemouth bass has averaged over 11.0 fish/hr at Kincaid Lake, as indicated by the red line. As compared to other lakes, this is an excellent catch rate for this size group. This catch rate of bass greater than 20.0 inches at Kincaid Lake is one of the highest, if not the highest, catch rate for 20.0-inch and larger bass in the state.



Overall – Total Assessment Score (All five parameters added together)

Overall, the largemouth bass fishery at Kincaid Lake has rated “good” over the past 20 years as indicated by the red line. The largemouth bass population at Kincaid Lake has been very stable, ranging from good to excellent. In 2019, the overall assessment rating for the largemouth bass population at Kincaid Lake was good, but the last four assessment have been at or very near excellent. Therefore, KDFWR biologist believe that Kincaid Lake is an excellent bass lake that contains a very stable bass population. The future looks very promising for the bass population at Kincaid Lake over the next several years.

