

Memorandum

Date: 9/3/2024

To: Erin Chappell
Regional Manager
Bay Delta Region

From: Vanessa Mora
Environmental Scientist
Bay Delta Region

Subject: The 2023 20-mm Survey Delta Smelt Index

The 2023 20-mm Survey Delta Smelt index of relative abundance is not calculable (Figure 1). The index is calculated by summing the geometric means of four index surveys: the two surveys directly before and the two surveys directly after Delta Smelt mean fork length reaches 20 mm. In 2023, Delta Smelt catch was insufficient to determine when mean Delta Smelt fork length reached 20 mm, therefore index surveys could not be determined.

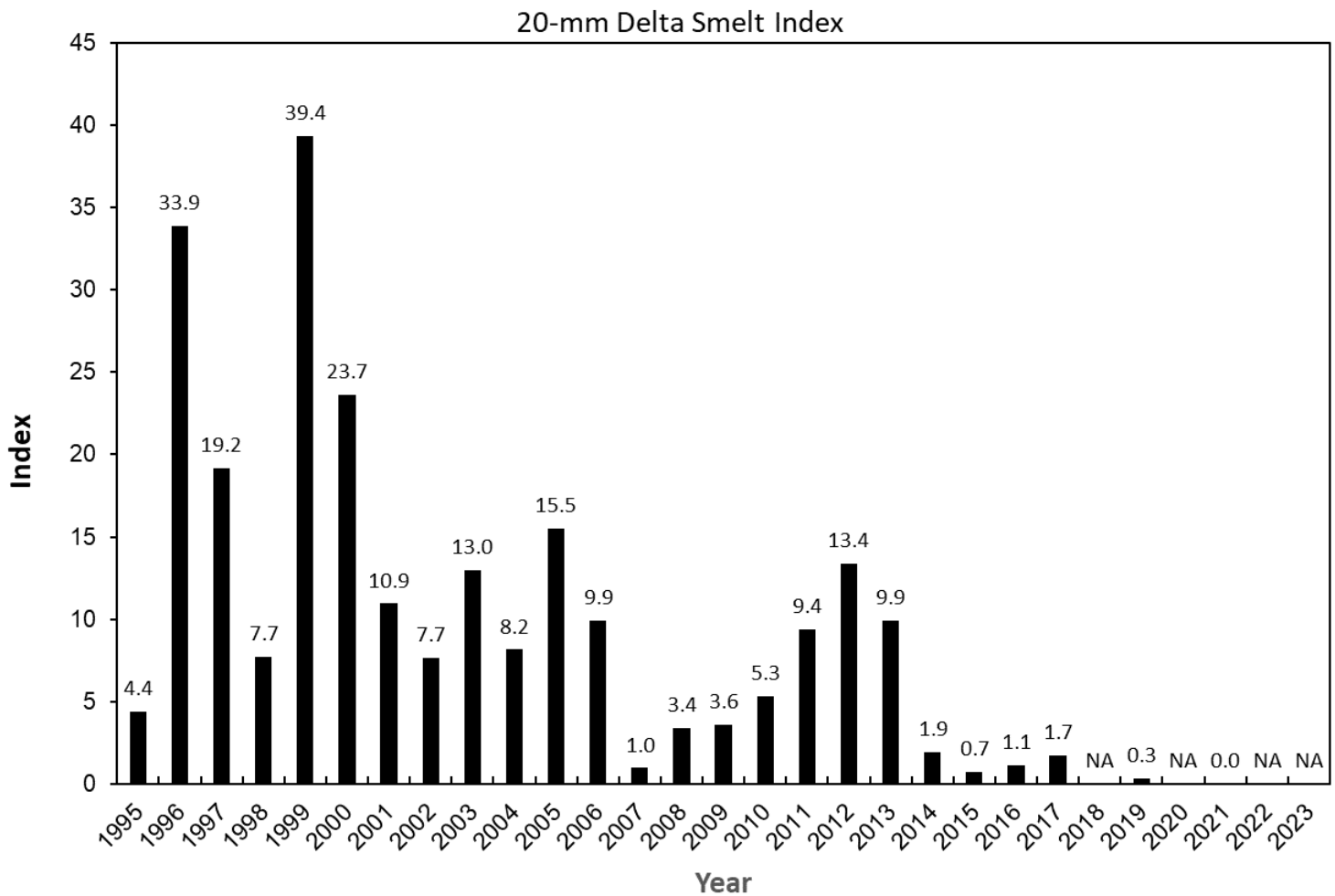


Figure 1. Delta Smelt index from CDFW's 20-mm Survey, 1995-2023.

Additional information on prior year indices, methods, and 20-mm Survey data can be found on our webpage: <https://www.wildlife.ca.gov/Conservation/Delta/20mm-Survey>.