



Mid-Atlantic Fishery Management Council

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P. Weston Townsend, Chairman | Michael P. Luisi, Vice Chairman

Christopher M. Moore, Ph.D., Executive Director

MEMORANDUM

Date: September 6, 2023
To: Chris Moore
From: Jason Didden, staff
Subject: Mackerel Projections

At its September 2023 meeting, the Scientific and Statistical Committee (SSC) will receive an update on the planned follow-up Atlantic mackerel peer review and on various projection options that will be considered by the SSC in October 2023.

After reviewing the SSC’s July 2023 findings and consulting with the lead mackerel assessment biologist (K. Curti), staff plans on requesting the following seven projections (“1” and “2” were previously completed). All projections would use 5,953 MT for 2023 catch and conceptually achieve a 61% probability (rounded) of rebuilding by 2032.

label	description
1	Basic Assessment Projection
2	Dampened 2022 R (Initial SSC recommendation)
2a	2, but find two-year constant catch near 2's 2024-25 average catch that still gets 61% rebuilding
3	Use Retro Adjustment, all ages
3a	3, but find two-year constant catch near 3's 2024-25 average catch that still gets 61% rebuilding
4	Dampened 2022 R, use Retro Adjustment other ages
4a	4, but find two-year constant catch near 4's 2024-25 average catch that still gets 61% rebuilding