

INTERSTATE FISHERIES MANAGEMENT PROGRAM OVERVIEW

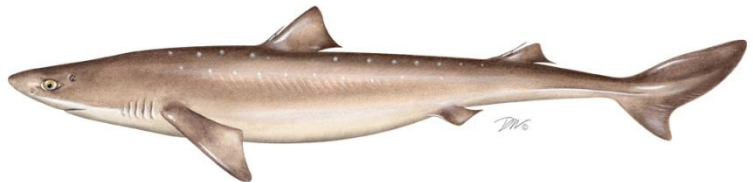
Spiny Dogfish

Species Range

Labrador, Canada to Florida

Management Unit

Coastwide (Maine through Florida)



Stock Status

The [2023 Management Track Stock Assessment](#) indicates that spiny dogfish are not overfished and overfishing is not occurring. The spawning stock biomass estimate of 191 million pups is slightly above the SSB threshold of 188 million pounds, while the fishing mortality estimate (0.02) is just below the fishing mortality threshold (0.0246).

However, the assessment also found a lower productivity of the stock, requiring reduced quotas to prevent overfishing in the future.

The assessment replaced the Stochastic Estimator with Stock Synthesis 3 (SS3) as the primary assessment tool, due to its ability to model sexes separately and accommodate length-based approaches..

Involved States and Jurisdictions

ME, NH, MA, RI, CT, NY, NJ, DE, MD, VA, NC, NMFS

Active Boards/Committees

Spiny Dogfish & Coastal Sharks Management Board, Plan Review Team/Plan Development Team, Technical Committee, Stock Assessment Subcommittee, Advisory Panel

Chairs

Board, Chair – Pat Geer (10/2023); Vice-Chair – Joe Cimino

Technical Committee, Chair – Scott Newlin (06/2013), Vice-Chair – Vacant

Advisory Panel, Chair – Vacant

Staff Lead

James Boyle, jboyle@asmfc.org

Management Plan History

[Interstate Fishery Management Plan for Spiny Dogfish \(November 2002\)](#)

The Interstate FMP established an annual quota system that is divided into and allocated across two periods; Period 1 is May to October (57.9%) and Period 2 is November to April (42.1%). The annual quota is set at a level that does not exceed the fishing mortality (F) goal. The FMP also established possession limits to control the rate of catch for each period. Possession limits are set annually and may differ between Period 1 and 2. If a quota is over or under harvested, payback and rollover (up to 5% when the stock has rebuilt) provisions require adjustment of the following year's quota. This plan also allows for a state to issue exemptions from the quota for up to 1,000 fish for biomedical supply.

[Addendum I \(November 2005\)](#)

Addendum I to the Interstate FMP for Spiny Dogfish allows the Board to set the quota and trip limit for up to 5 years. This addendum was developed to provide fishermen with the ability to set long term business plans and goals for their fishery operations. The Board may adjust specifications during a fishing season with a 2/3-majority vote.

[Addendum II \(October 2008\)](#)

Addendum II replaces the seasonal allocation with a regional distribution of the quota. The regional allocation distributes quota with 58% to Maine – Connecticut, 26% to New York – Virginia, and 16% to North Carolina. Paybacks and rollovers are paid back by and rolled over to regions rather than seasons.

[Addendum III \(April 2011\)](#)

Addendum III divides the southern region's annual quota of 42% into state-specific shares (see table below). It also allows for quota transfer between states, rollovers of up to five percent and state-specified possession limits, and includes a three-year reevaluation of the measures. The Addendum's provisions apply only to states in the southern region (New York through North Carolina) and do not modify the northern region allocation. The states of Maine to Connecticut will continue to share 58% of the annual quota as specified in Addendum II.

Southern Region State Shares. Quota allocation differs slightly from specific options presented in the draft addendum and are based on needs of states in the southern region with a consideration of historic landings.

	NY	NJ	DE	MD	VA	NC
Percent of Annual Coastwide Quota	2.707%	7.644%	0.896%	5.920%	10.795%	14.036%

[Addendum IV \(August 2012\)](#)

The Addendum updates the definition of overfishing to be consistent with that of the Mid-Atlantic Fishery Management Council and provides the Board the flexibility to update or modify the management program's overfishing definition through Board action based on the recommendations of its Technical Committee. The prior overfishing definition, adopted in 2002, was based on the number of pups per female that recruit to the stock. The updated definition will now be based on maximum sustainable yield or a reasonable proxy, consistent with the best available science. Although there are no immediate impacts to regulations, the change allows the Commission and Council to work from the same starting point when determining annual specifications. The Board considered modifying the management program's 5% rollover provision to either preclude rollovers entirely without specific Board approval or to allow rollovers beyond the current 5% maximum with Board approval. The Board voted to maintain the 5% maximum rollover. Any rollover is predicated on a rebuilt stock.

[Addendum V \(October 2014\)](#)

Addendum V ensures consistency in spiny dogfish management with the Shark Conservation Act of 2010 by prohibiting processing at-sea, including the removal of fins. Prior to approval, states could process spiny dogfish at-sea, so long as the ratio of fins aboard the vessel did not exceed 5% of the ratio of carcasses aboard the vessel. The Board set an implementation date of May 1, 2015 for states to promulgate this measure.

[Addendum VI \(October 2019\)](#)

Addendum VI allows commercial quota to be transferred between all regions and states to enable full utilization of the coastwide commercial quota and avoid quota payback for unintended quota overages. Prior to this addendum, quota transfers were only possible between states with individual state quotas, whereas regions have not been granted the authority to donate or receive quota via transfers. Consequently, regions were unable to share in the benefits of quota transfers. In order for the northern region to participate in quota transfers the Director of each state's marine fisheries agency within the region must agree to the transfer in writing. As with transfers between states, transfers involving regions do not permanently affect the shares of the coastwide quota. Additionally, the Addendum extends the timeframe for when quota transfers can occur up to 45 days after the end of the fishing year to allow for late reporting of landings data.

Current Specifications

In October 2021, the Board was presented analysis from Mid-Atlantic Fishery Management Council (MAFMC) staff on the impact of the federal trip limit on market price. The analysis showed that increasing the trip limit from 6,000 to 7,500 pounds would not have a negative impact on the resource or on market price. Based on these conclusions, MAFMC recommended setting the trip limit at 7,500 pounds. NOAA Fisheries indicated that the regulatory change would be implemented for the 2022 fishing year starting May 1. Based on this information, the

Board approved changing the commercial trip limit in state waters for the northern region to 7,500 pounds.

In February 2023, the Board set specifications for the 2023/2024 fishing year. The Board adopted a coastwide quota of 12 million pounds, representing a 59.4% reduction from the current fishing season’s quota. The decreased quotas are based on observations of declining trends in several indicators including survey abundance, catch per unit of effort (CPUE), pup production, and dogfish growth.

Table 1. Spiny Dogfish State Allocations (in pounds) for the 2022/2023 and 2023/2024 Fishing Seasons

	Northern Region (ME-CT)	NY	NJ	DE	MD	VA	NC
Possession Limit	7,500	To be specified by the individual southern region states					
Allocation	58%	2.707%	7.644%	0.896%	5.92%	10.795%	14.036%
2022/23	17,144,556	800,413	2,259,728	264,866	1,749,935	3,191,020	4,149,062
2023/24	6,960,000	324,935	917,359	107,525	710,403	1,295,426	1,684,352

In January 2024, based on the results of the 2023 management track assessment, the Board approved the following coastwide commercial quotas for the 2024-2026 fishing years: 10,699,021 pounds for 2024/2025; 10,972,394 pounds for 2025/2026, and 11,223,720 pounds for 2026/2027. These quotas are consistent with the measures recommended to NOAA Fisheries by the Mid-Atlantic Fishery Management Council and are pending approval of identical federal quotas from the NOAA Fisheries Greater Atlantic Regional Fisheries Administrator (Table 2). Additionally, the Board maintained a 7,500-pound trip limit for the northern region.

Table 2. Spiny Dogfish State Allocations (in pounds) for the 2024/2025, 2025/2026, and 2026/2027 Fishing Seasons

	Northern Region (ME-CT)	NY	NJ	DE	MD	VA	NC
Possession Limit	7,500	To be specified by the individual southern region states					
Allocation	58%	2.707%	7.644%	0.896%	5.92%	10.795%	14.036%
2024/25	6,205,432	289,708	817,903	95,868	633,385	1,154,982	1,501,743
2025/26	6,363,989	297,110	838,802	98,317	649,569	1,184,494	1,540,115
2026/27	6,509,758	303,915	858,015	100,569	664,447	1,211,625	1,575,391

Annual Events

- Compliance Reports due July 1st
- Specification Setting (may include multiple years): November of each year