



Spiny Dogfish **2024-2026**

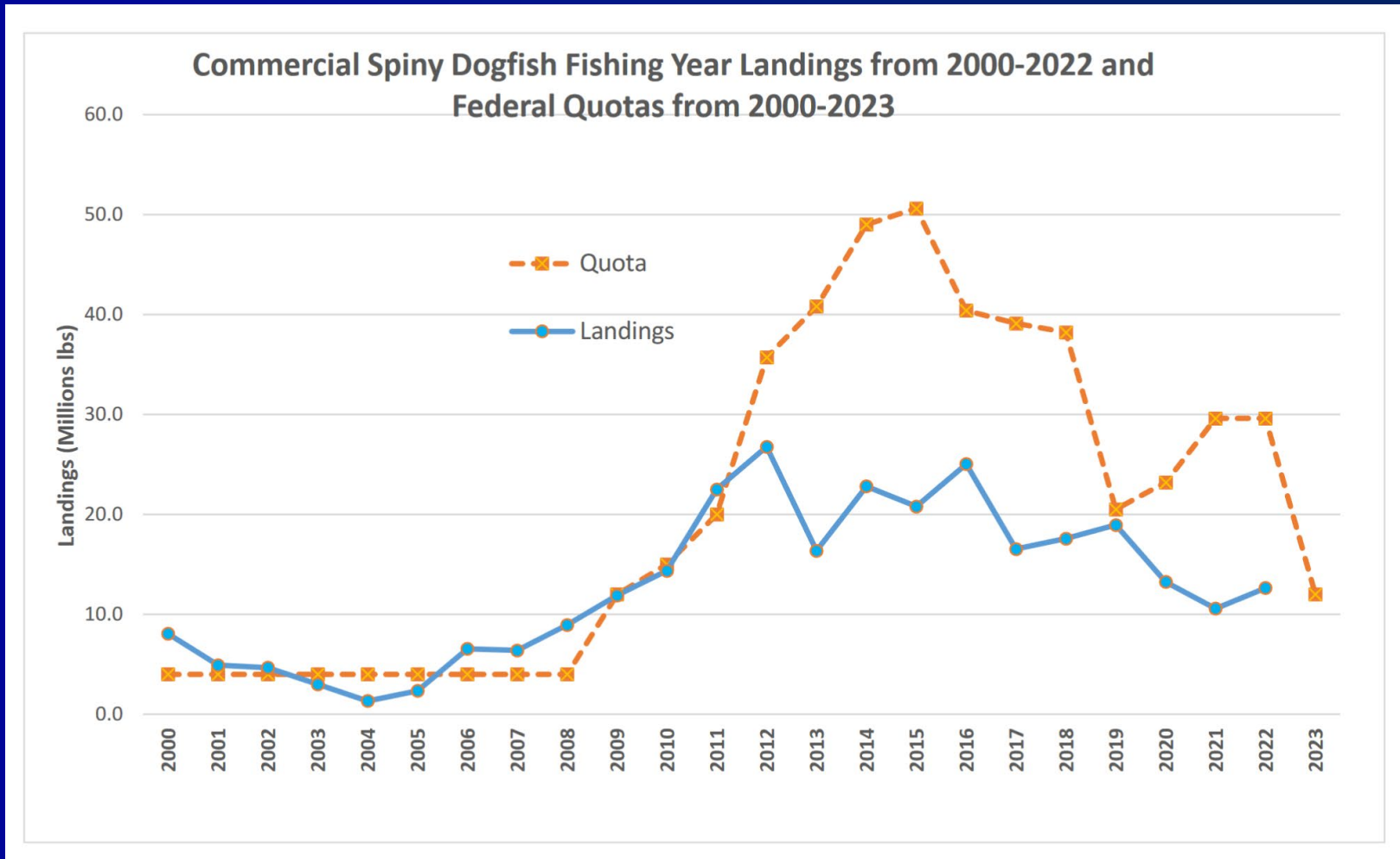
(May 1-April 30 fishing year)

October 2023 SSC

Spiny Dogfish – 2023/Current

- ABC of 7,788 MT (17.2 million pounds)
 - Down-scaled previous ABC calculations based on survey trends
 - Quota of 5,449 MT (12.0 million pounds)
- Open access; 7,500-pound federal trip limit; regional/state quotas & trip limits via ASMFC

From Fishery Info Doc



From Fishery Info Doc

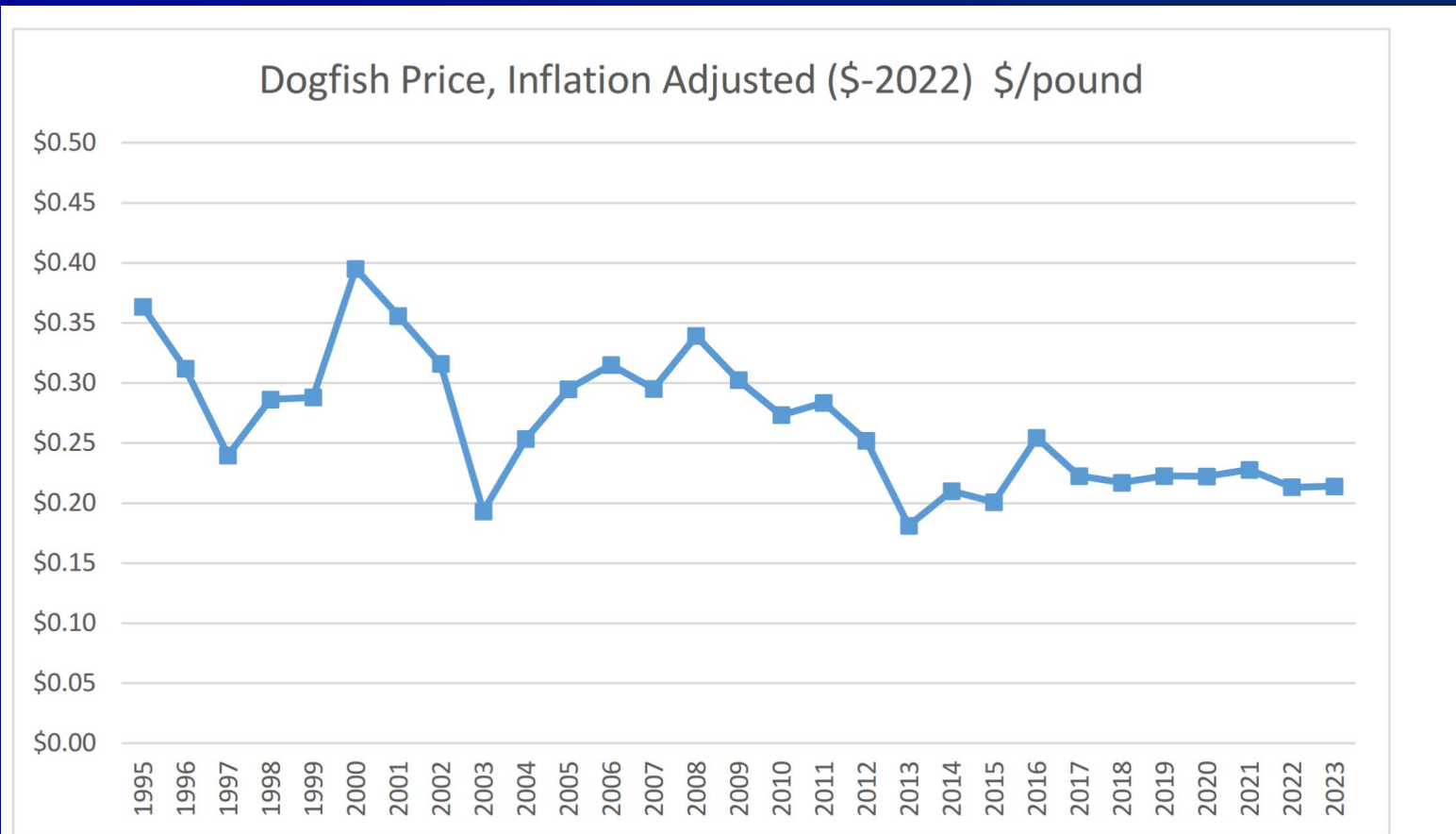
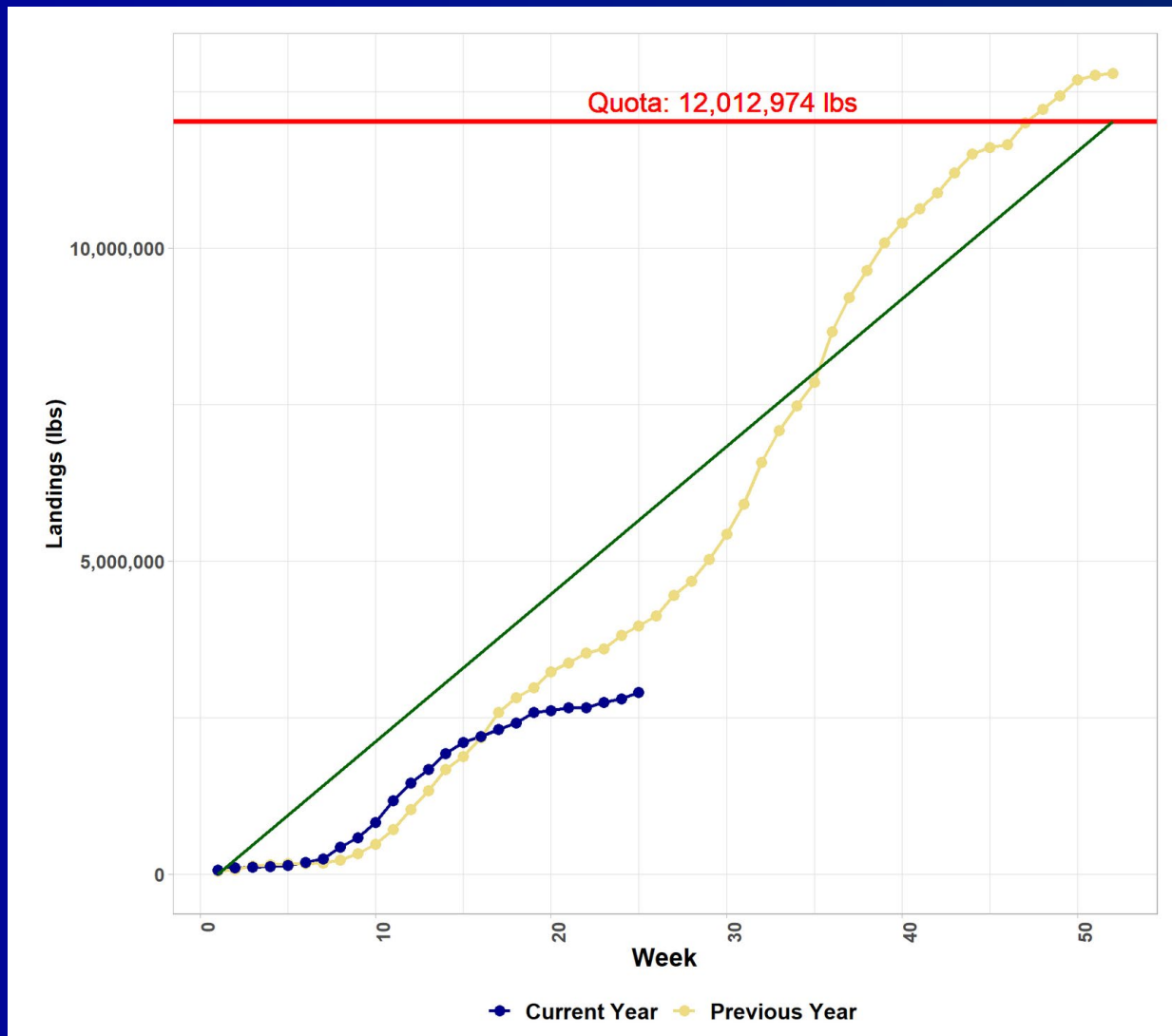


Figure 2. 1995-2023 fishing years' average prices of spiny dogfish in 2022 dollars per live pound (adjusted to "2022 dollars" using the GDP deflator). 2023 data is through early September only. Source: NMFS unpublished dealer data.²

From GARFO QM Website 10/27/23



From Fishery Info Doc

Table 5. Participation in fishing years 2000-2022 by federally-permitted vessels. State-only vessels are not included. Source: NMFS unpublished dealer data. ²

YEAR	Vessels 200,000+	Vessels 100,000 - 199,999	Vessels 50,000 - 99,999	Vessels 10,000 - 49,999	Total with at least 10,000 pounds landings
2000	16	10	8	43	77
2001	4	12	10	33	59
2002	2	14	8	31	55
2003	4	5	3	17	29
2004	0	0	0	42	42
2005	0	0	1	67	68
2006	0	4	11	114	129
2007	1	2	21	72	96
2008	0	5	20	119	144
2009	0	11	42	166	219
2010	0	26	54	124	204
2011	1	48	73	135	257
2012	25	55	56	146	282
2013	10	27	45	87	169
2014	27	38	38	81	184
2015	31	33	36	59	159
2016	52	26	14	45	137
2017	28	27	24	32	111
2018	28	26	20	35	109
2019	29	25	21	29	104
2020	23	27	15	22	87
2021	15	27	11	26	79
2022	28	9	14	29	80

Fishery Performance Report

- Don't see major recent abundance trends on the water, just fluctuations
- Artificially low quota and future low quota expectations dampen performance
 - Breaking supply chain
- Increased fuel costs and low dogfish price also combine to keep landings low
- Other/better opportunities

Fishery Performance Report

- Ongoing concern that we aren't getting good data on spiny dogfish biomass trends
 - Survey coverage
 - Survey performance
 - Fish behavior – migration and time spent off bottom
- There's no higher-level perspective: you're going to eliminate this fishery (and infrastructure) with further reductions

Staff ABC Recommendation

- Concern about impact on industry plus first time using projections for this stock from this model
 - Reference point uncertainty
- Staff recommends applying the control rule and risk policy to determine 2024-2026 ABCs

Risk Policy ABCs

- Staff recommends applying the control rule and risk policy to determine 2024-2026 ABCs

Table 1. Council Risk Policy-Based ABCs.

Year	Overfishing Level (OFL)	ABC	Biomass - Spawning Output	Biomass/Target (188)
	mt	mt	millions pups	
Assuming 100% CVs				
2024	7,818	7,135	202.8	1.08
2025	7,970	7,312	208.7	1.11
2026	8,112	7,473	213.3	1.13
Assuming 150% CVs				
2024	7,818	6,940	202.8	1.08
2025	7,975	7,130	208.9	1.11
2026	8,122	7,301	213.6	1.14