



Scup 2021 ABC Review



SSC Meeting
July 23, 2020

Outline and Objective

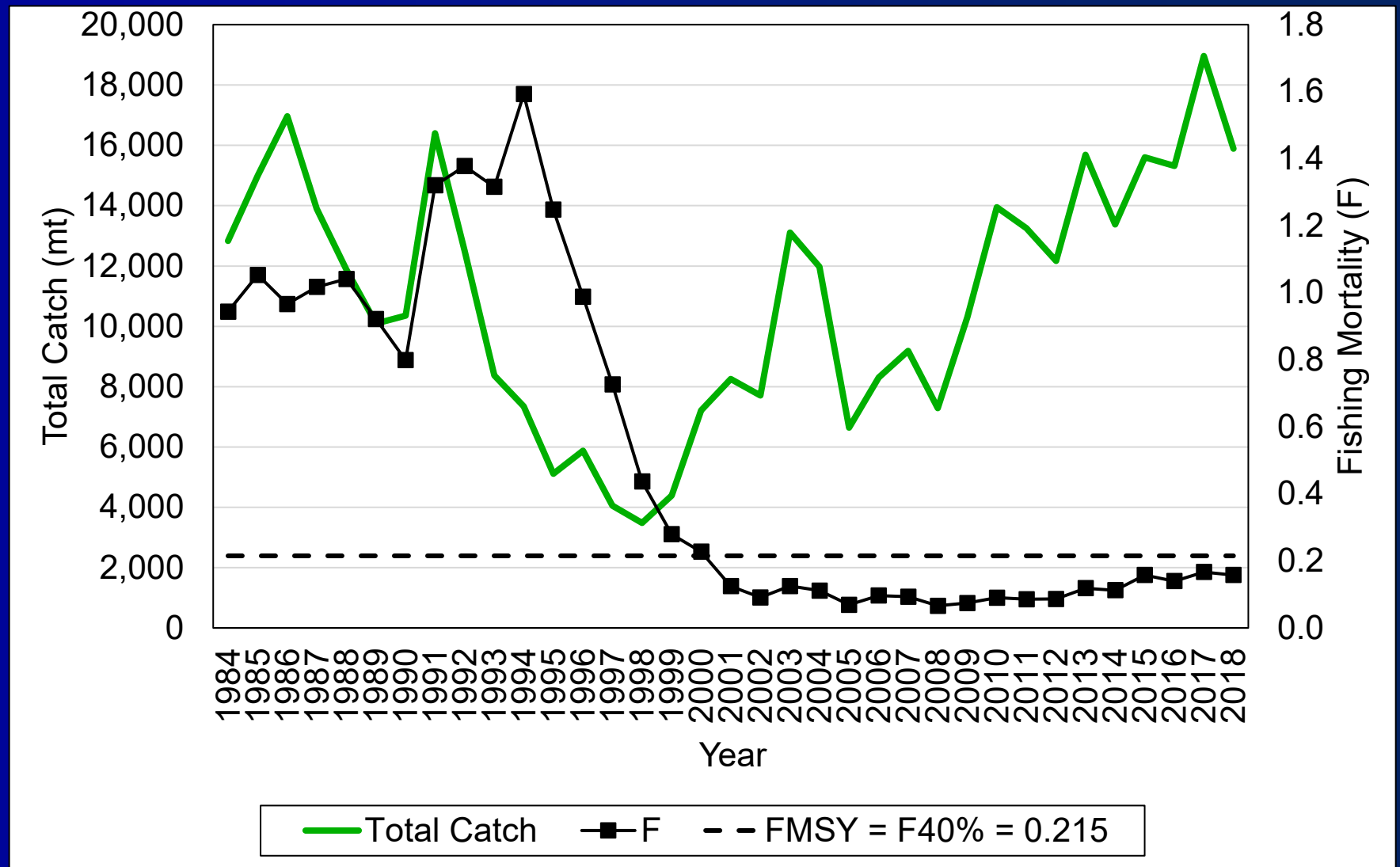
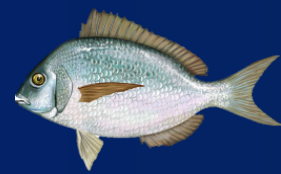
- 2020-2021 adopted measures and 2019 Operational Assessment
- Recent fishery performance and AP Fishery Performance Report
- Risk policy change
- TORs:
 1. Specify a revised 2021 ABC based on the Council's revised risk policy. If revising the 2021 ABC with the new risk policy is inappropriate, specify an alternative ABC for 2021 (e.g., previous recommendation) and provide any supporting information used to make this determination.
 2. Provide any relevant data and/or assessment considerations for the 2021 management track assessment.

2020-2021 Specifications

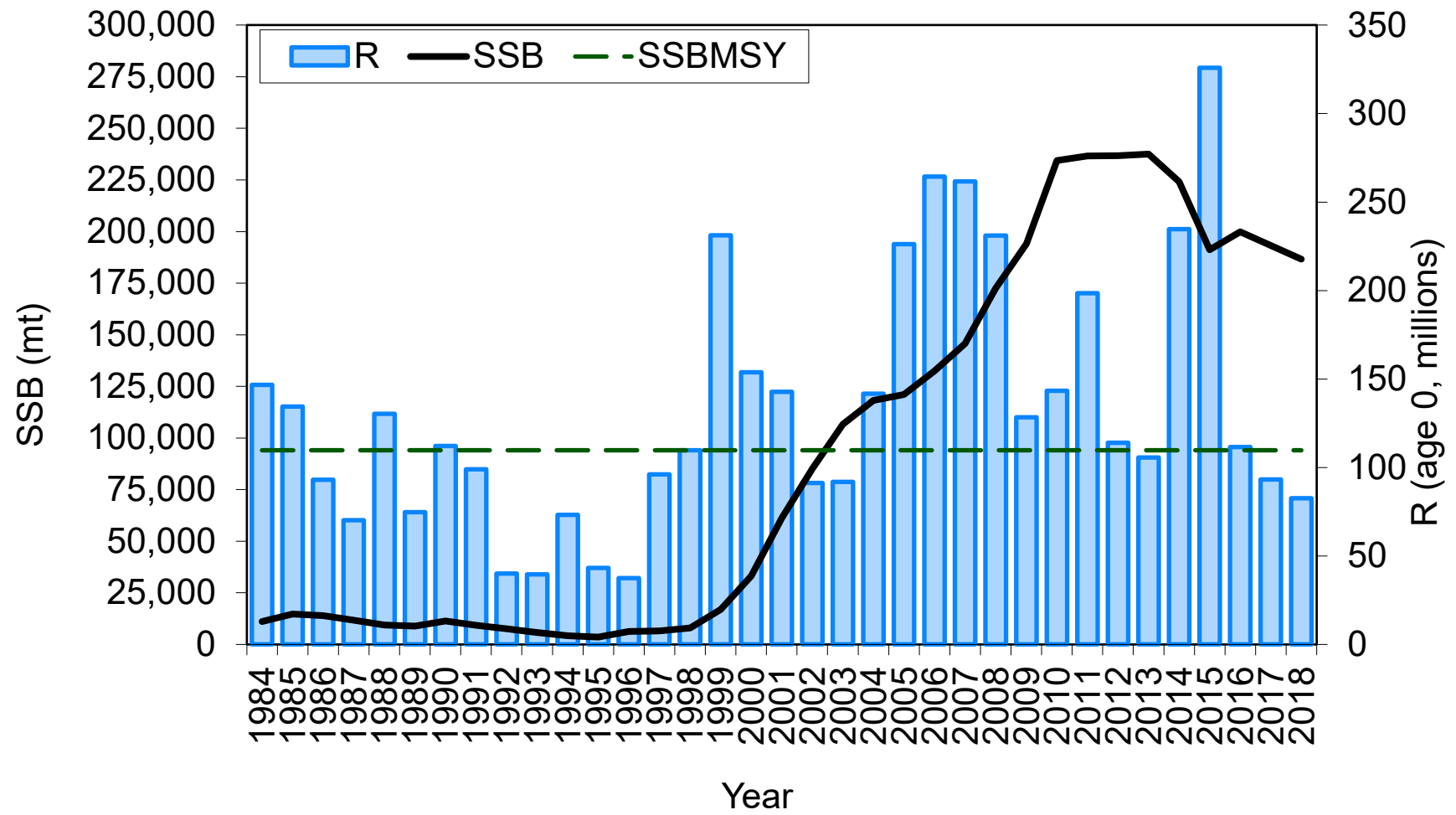
- Varying ABC approach

Year	OFL (mt)	ABC (mt)	P*
2020	18,674	16,227	0.40
2021	16,012	13,913	0.40

Fishing Mortality

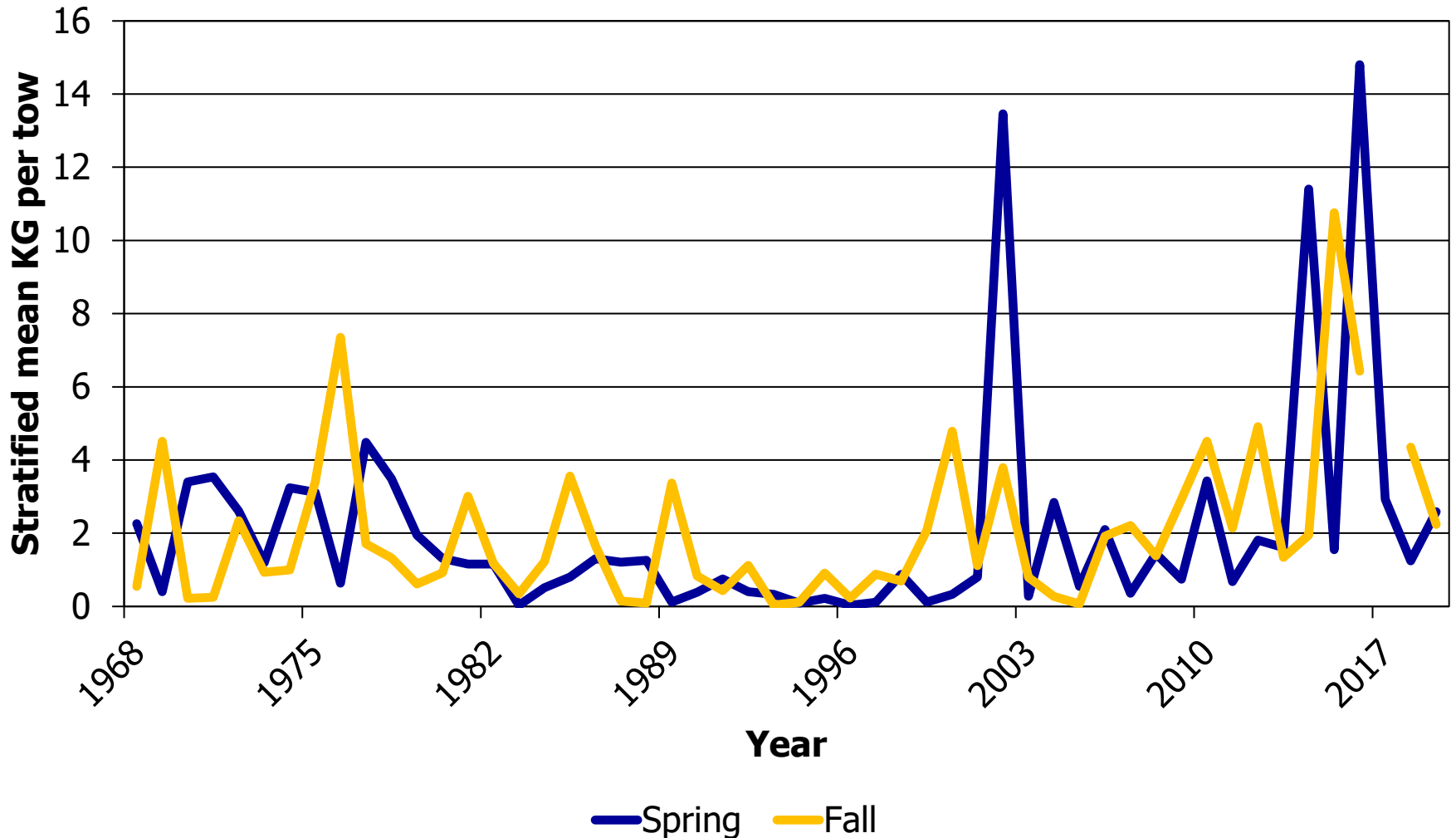


Biomass, Recruitment

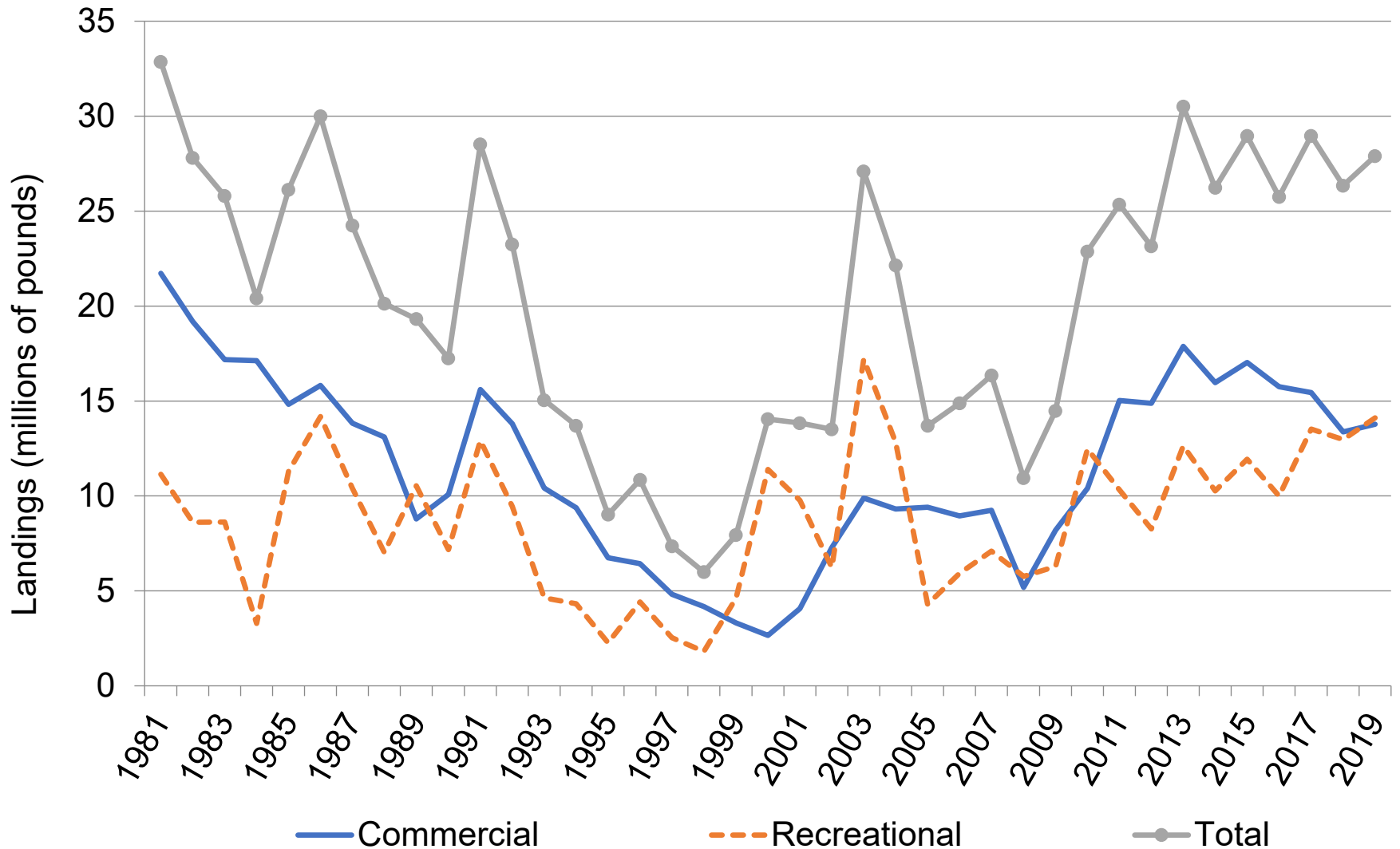


2020 Data Update

NEFSC Trawl Survey Scup Biomass Indices



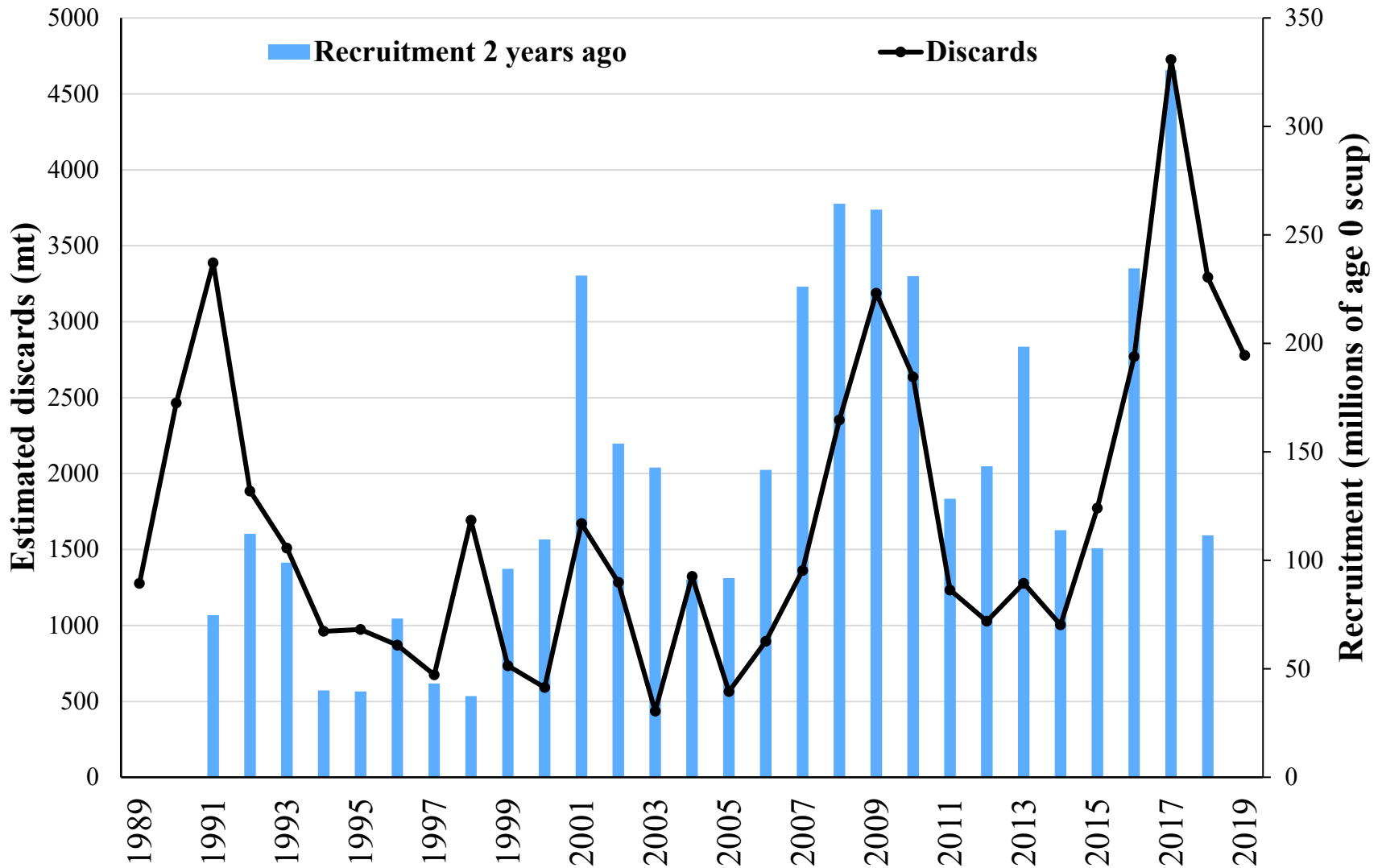
Fishery Landings



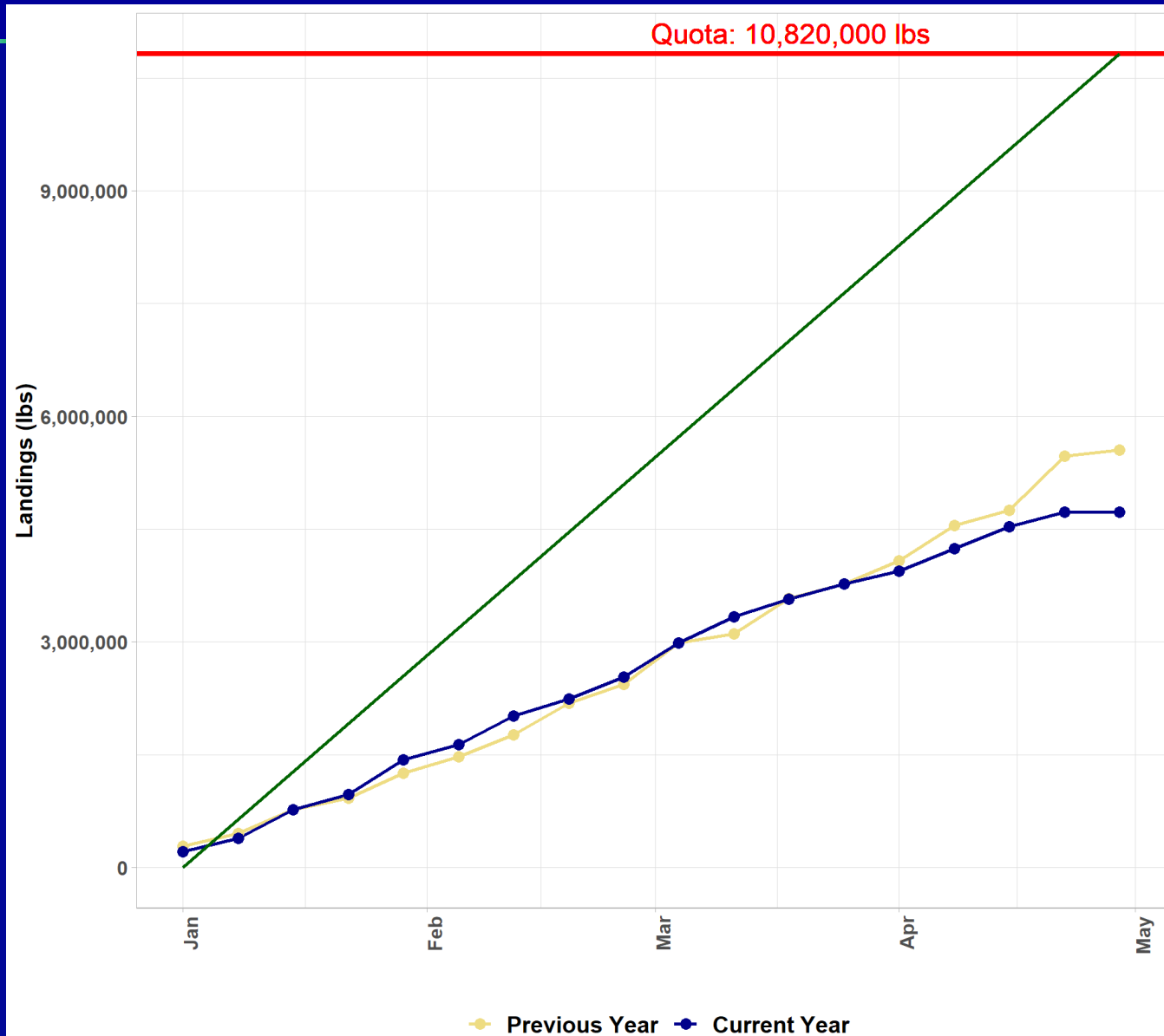
Commercial Quota and Landings

Year	Quota (mil lb)	Landings (mil lb)	% of quota landed
2015	21.23	17.03	80%
2016	20.47	15.76	77%
2017	18.38	15.44	84%
2018	23.98	13.37	55%
2019	23.98	13.78	57%
2020	22.23	--	--

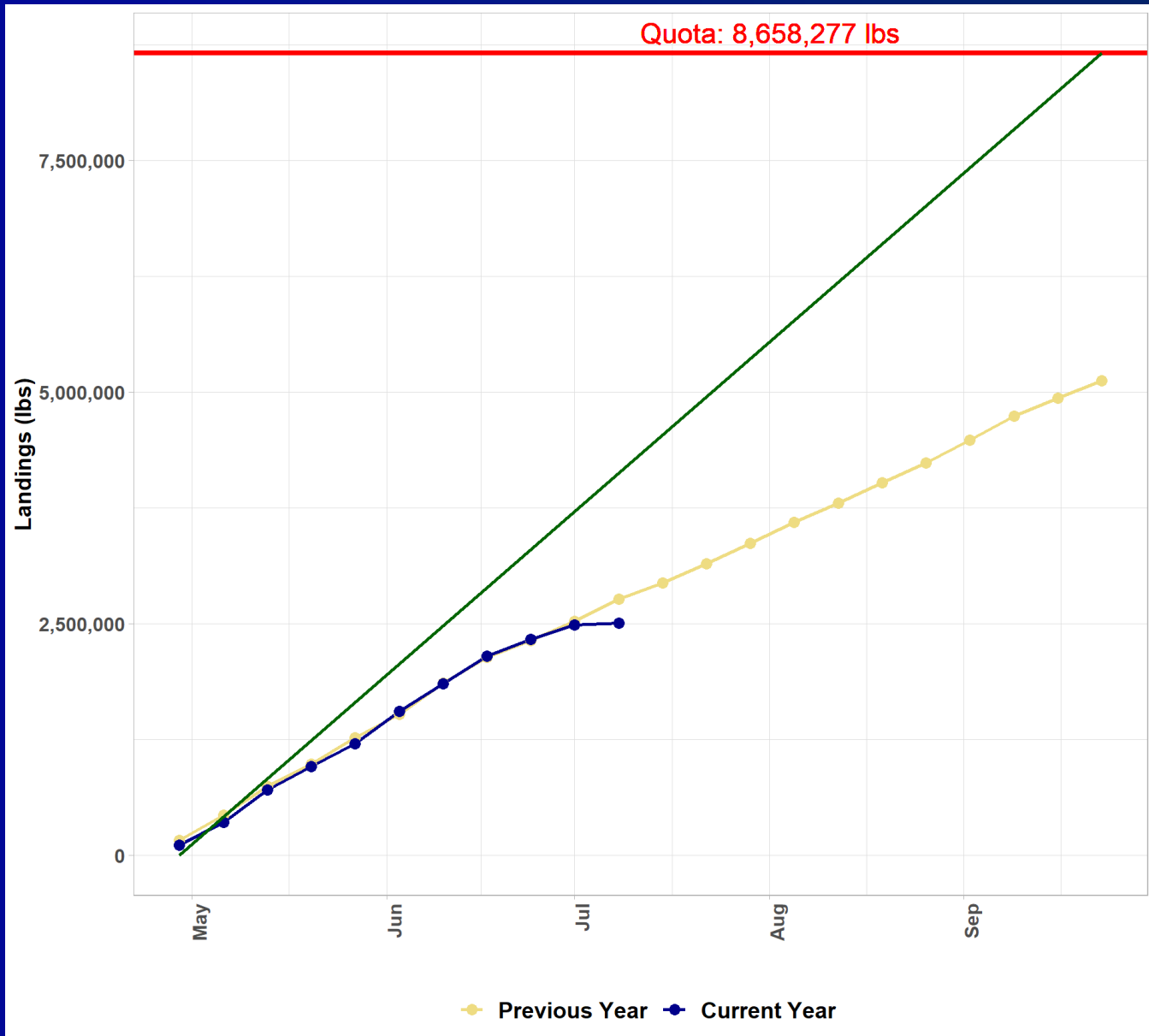
Commercial Scup Discards



2020 Landings Winter I Quota Period



2020 Summer Quota Period Landings



RHL Performance

Year	RHL (mil lb)	Harvest (old MRIP, mil lb)	% of RHL harvested (old MRIP)	Harvest (new MRIP, mil lb)
2015	6.80	4.41	65%	12.17
2016	6.09	4.26	70%	10.00
2017	5.50	5.42	98%	13.54
2018	7.37	5.61	76%	12.98
2019	7.37	--	--	14.12
2020	6.51	--	--	--

AP Fishery Performance Report

Covid-19 impacts

- How will MRIP account for data gaps?
- Reduced for-hire effort
- MA for-hire season is wave 3, partially closed this year
- Once open, reduced to 8 people per trip
- Scup markets depressed in January due to foreign markets

AP Fishery Performance Report

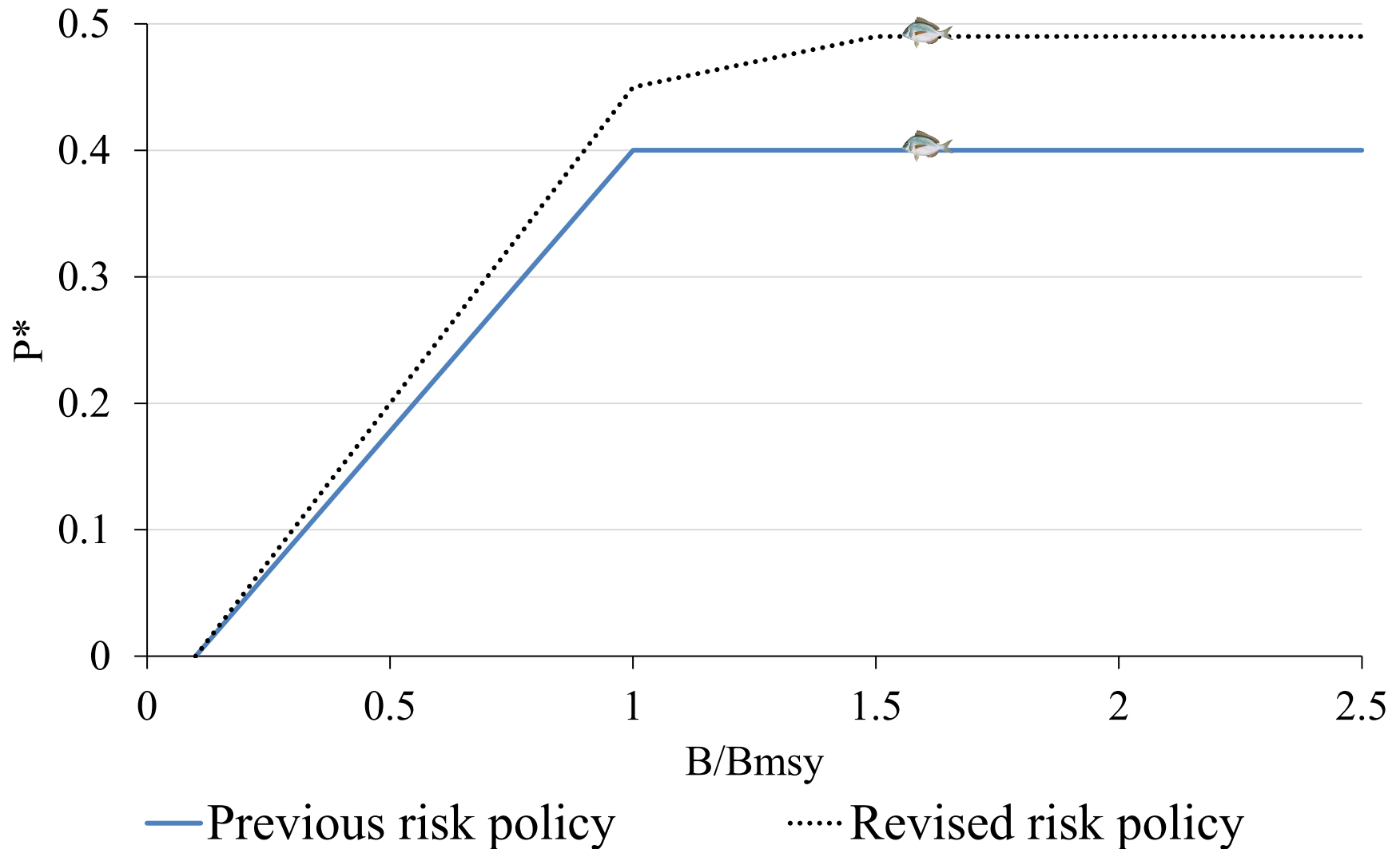
- Abundant but little to no market/customer demand
 - For-hire and commercial
- Recent years, biomass high and recruitment low due to removing spawning adults due to size restrictions
- Taken away small scup market
- Mesh size and min size should be decreased
- Cumulative length limit in rec fishery

Prior SSC Recommendations

2020-2021 specifications:

- 2019 operational assessment
- Assumed full ABC will be caught
- OFL CV = 60%
- 2 sets of ABCs: varying and constant (averaged across 2020 and 2021)
 - Council and Board selected varying ABCs

Council Risk Policy Revisions



Staff ABC Recommendation

- Recommend revising previously adopted 2021 ABC based on revisions to Council risk policy
- Same OFL, 60% CV, projected 2021 $B/B_{msy} = 1.63$

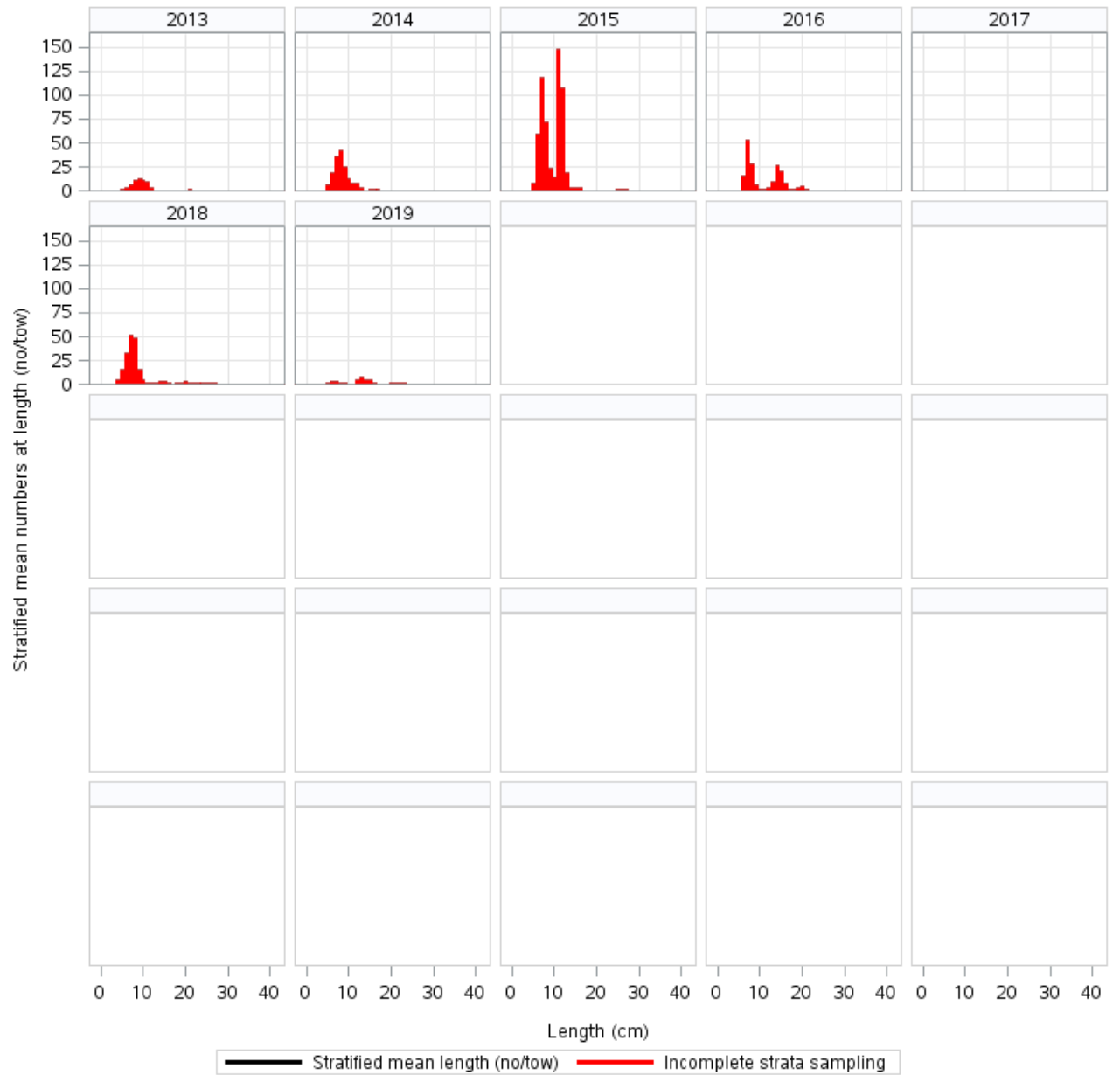
	2021: Current	2021: Staff Rec
OFL	35.30 mil lb (16,012 mt)	35.30 mil lb (16,012 mt)
ABC	30.67 mil lb (13,913 mt)	34.81 mil lb (15,791 mt)
P*	0.40	0.49

Questions



Whole scup with tomatillo sauce. — Gavin Smith mvtimes.com

NMFS fall BTS



2019 assessment projections

Annual ABC 2020-2021

Total Catch, Landings, Discards, Fishing Mortality (F)
and Spawning Stock Biomass (SSB)
Catches and SSB in metric tons

Year	OFL Total Catch	ABC Total Catch	ABC Landings	ABC Discards	ABC F	ABC P* value	ABC SSB
2019	21,350	20,711	16,642	4,070	0.208	0.478	183,137
2020	18,674	16,227	13,037	3,190	0.185	0.400	164,530
2021	16,012	13,913	10,618	3,295	0.185	0.400	152,318