



***Spiny Dogfish
2022 Specifications
Review***

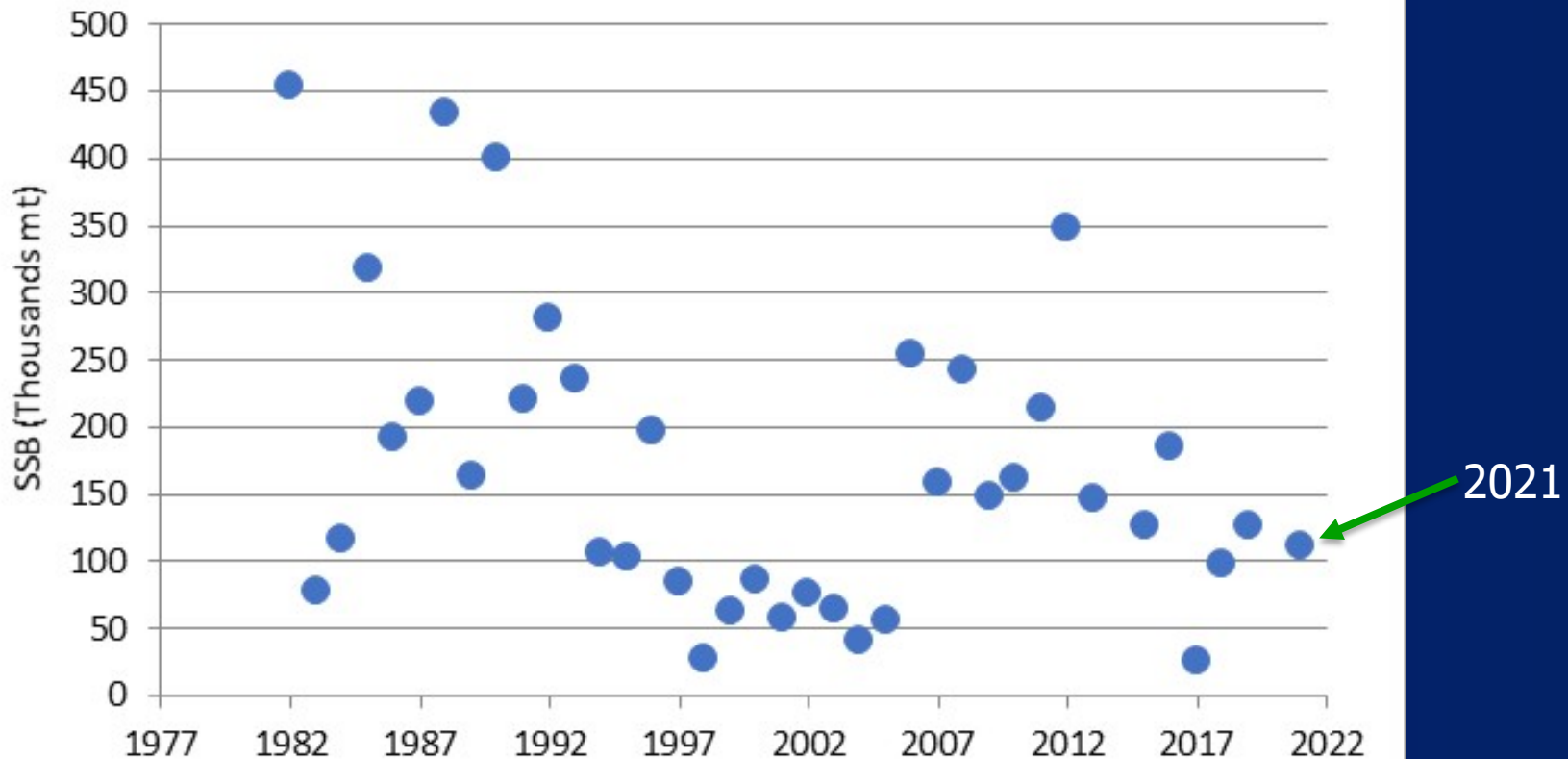
October 2021

Current 2021 + planned 2022 Specs

- Acceptable Biological Catch (ABC)
 - 17,498 metric tons (mt); 38.6 million pounds
 - 13,408 mt quota; 29.6 million pounds (discards)
- P^* for 2021 = 0.333
 - Extended ABC to 2022 (May 1, 2022)
 - Research Track Assessment underway
- Open access, federal trip limit = 6,000 pounds

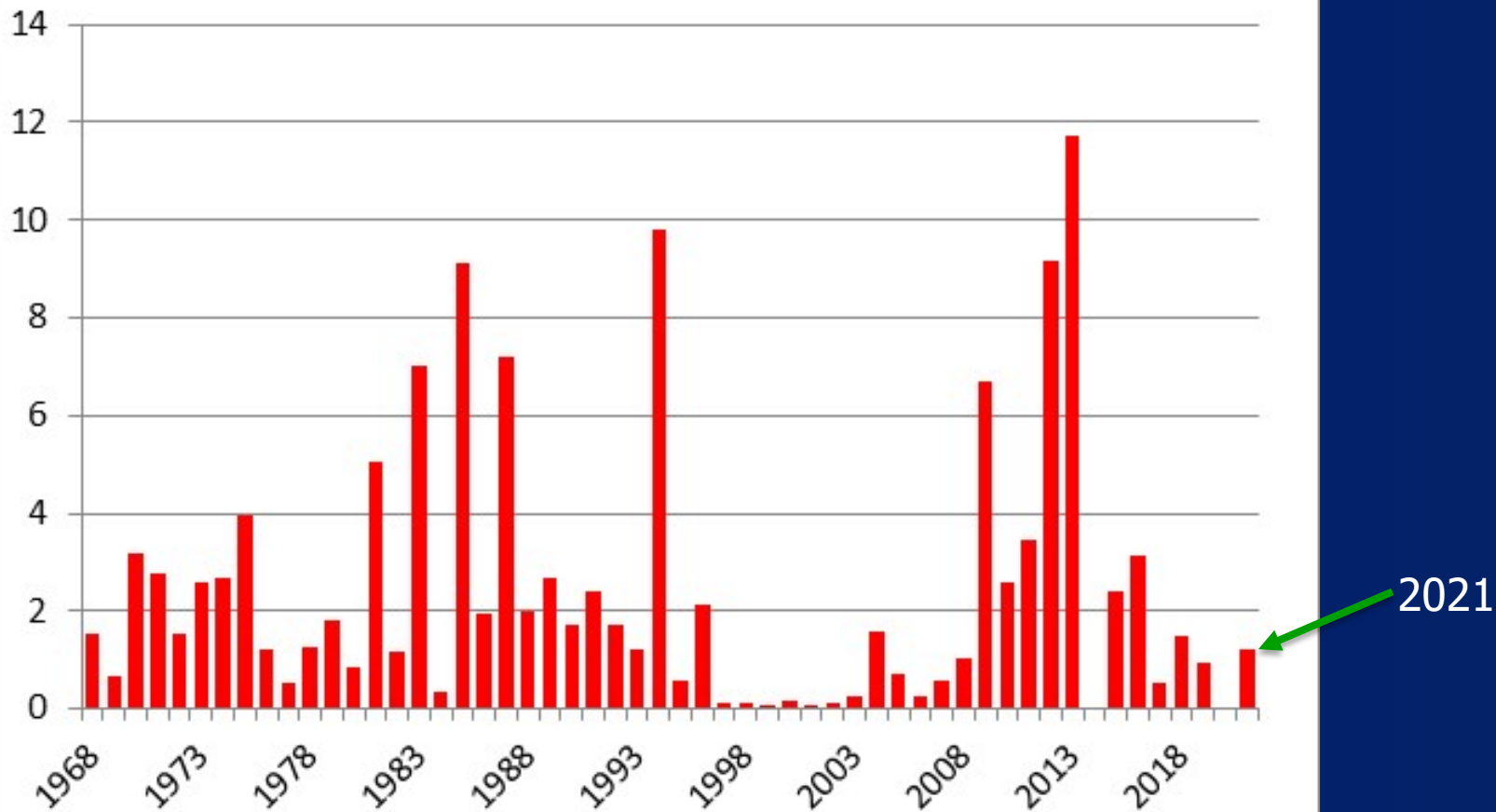
Survey Update

Female spawning stock biomass Estimates 1982-2021



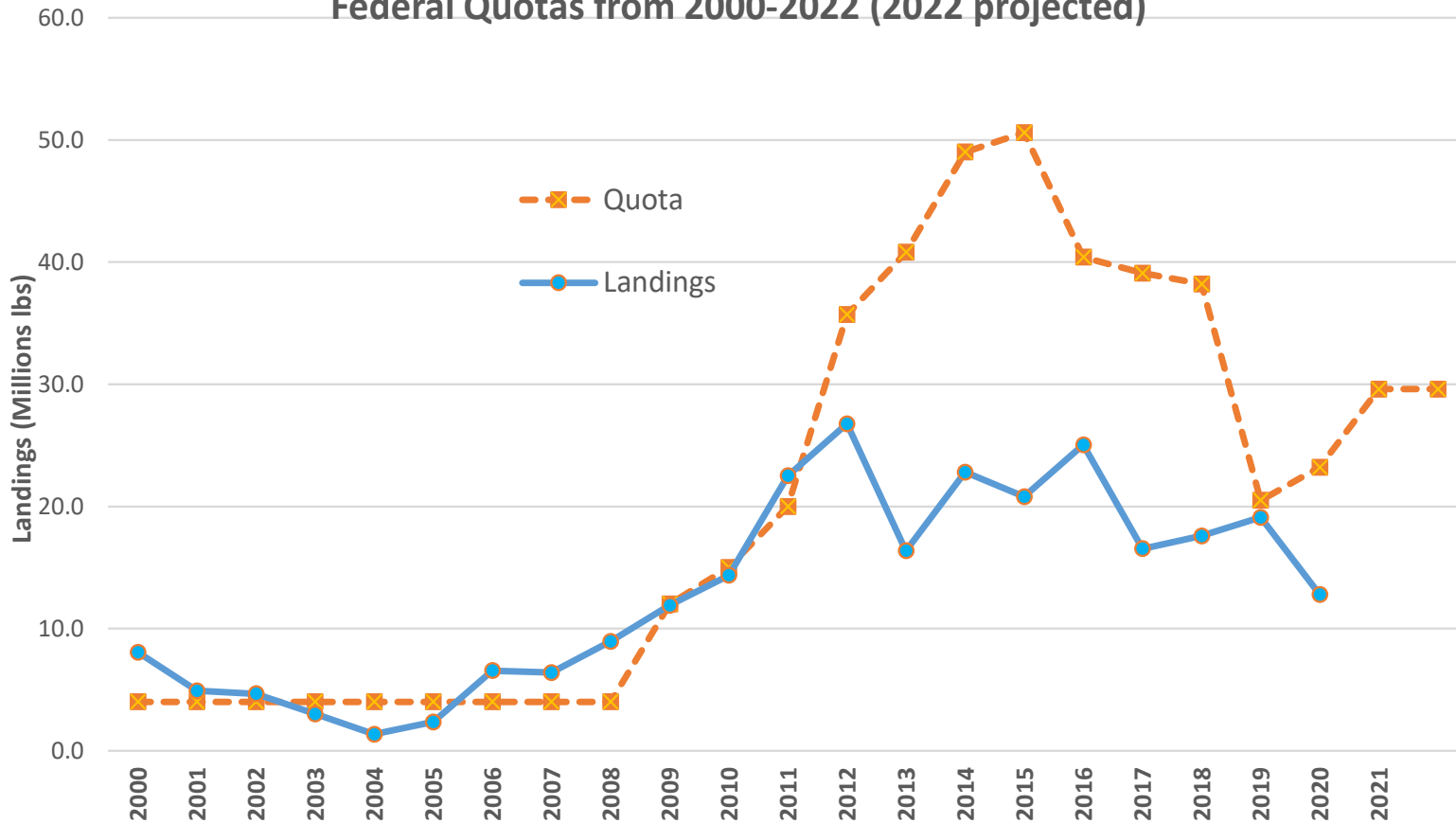
Survey Update

Pup Index, 1968-2021

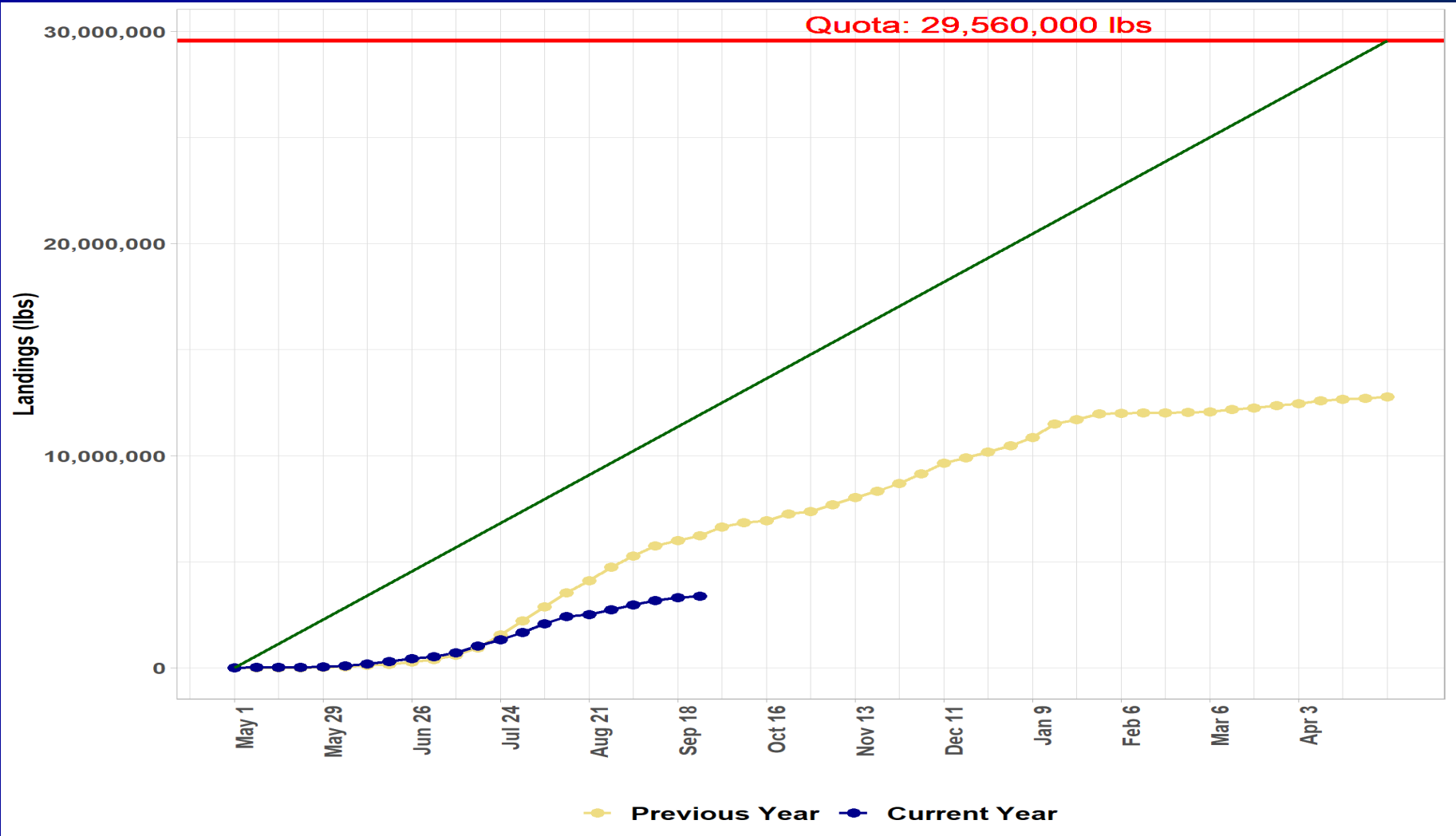


Landings Since Management

Commercial Spiny Dogfish Fishing Year Landings from 2000-2020 and Federal Quotas from 2000-2022 (2022 projected)



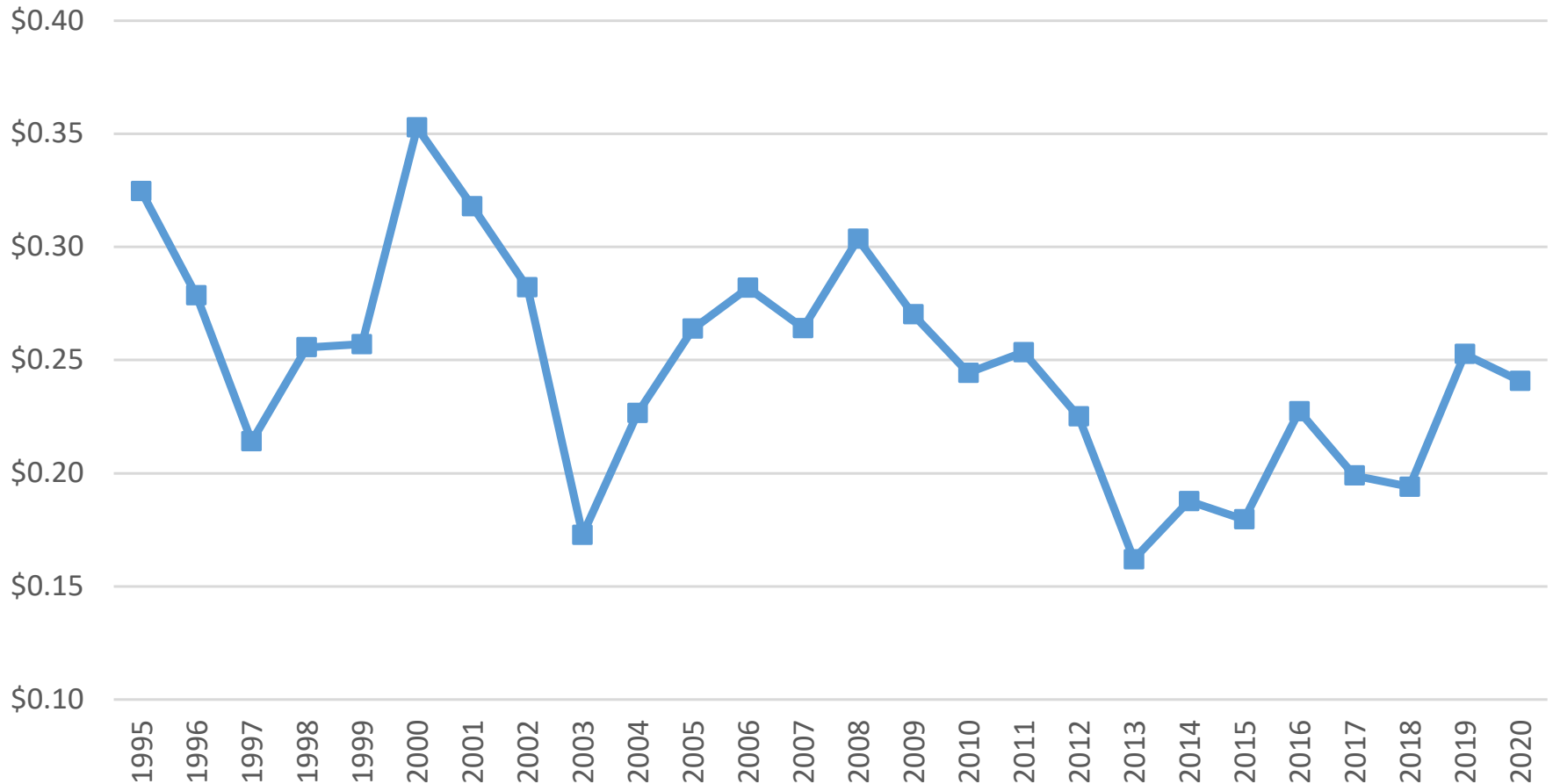
Dogfish Landings 2020 and 2021 FYs



Yellow = 2020 Fishing Year, Blue = 2021

Price up to 2020 Fishing Year

Dogfish Price, Inflation Adjusted (2020) \$/pound



Dogfish – Advisory Panel FPR

- Similar sentiments as previous years
- Markets and trip limit restrict landings
- Continued erosion of participants
 - Increased fuel costs and opportunities in other fisheries: 10,000 lb trip limit would increase landings
- 2020 VA landings particularly off
 - Other opportunities, weather
- MA off to a slow start for 2021 fishing year (summer-fall) (public)
 - Availability, skate issue, other opportunities

Dogfish – Advisory Panel FPR

■ Science Concerns

- Bigelow operations performance
- Dogfish distribution and meaning for trawl index
 - Survey area and water column usage
- Fecundity

Spiny Dogfish

- Data gaps will increase uncertainty, especially 2020 Spring Survey
- 2021 Survey available
 - SSB down slightly and no evidence of a strong year class in 2021
- Research Track Assessment to be completed in 2022
 - SSC recommends collaboration with Canada on ageing methods
 - Alternative modeling approach possible
- **SSC did not recommend any changes to current quota**

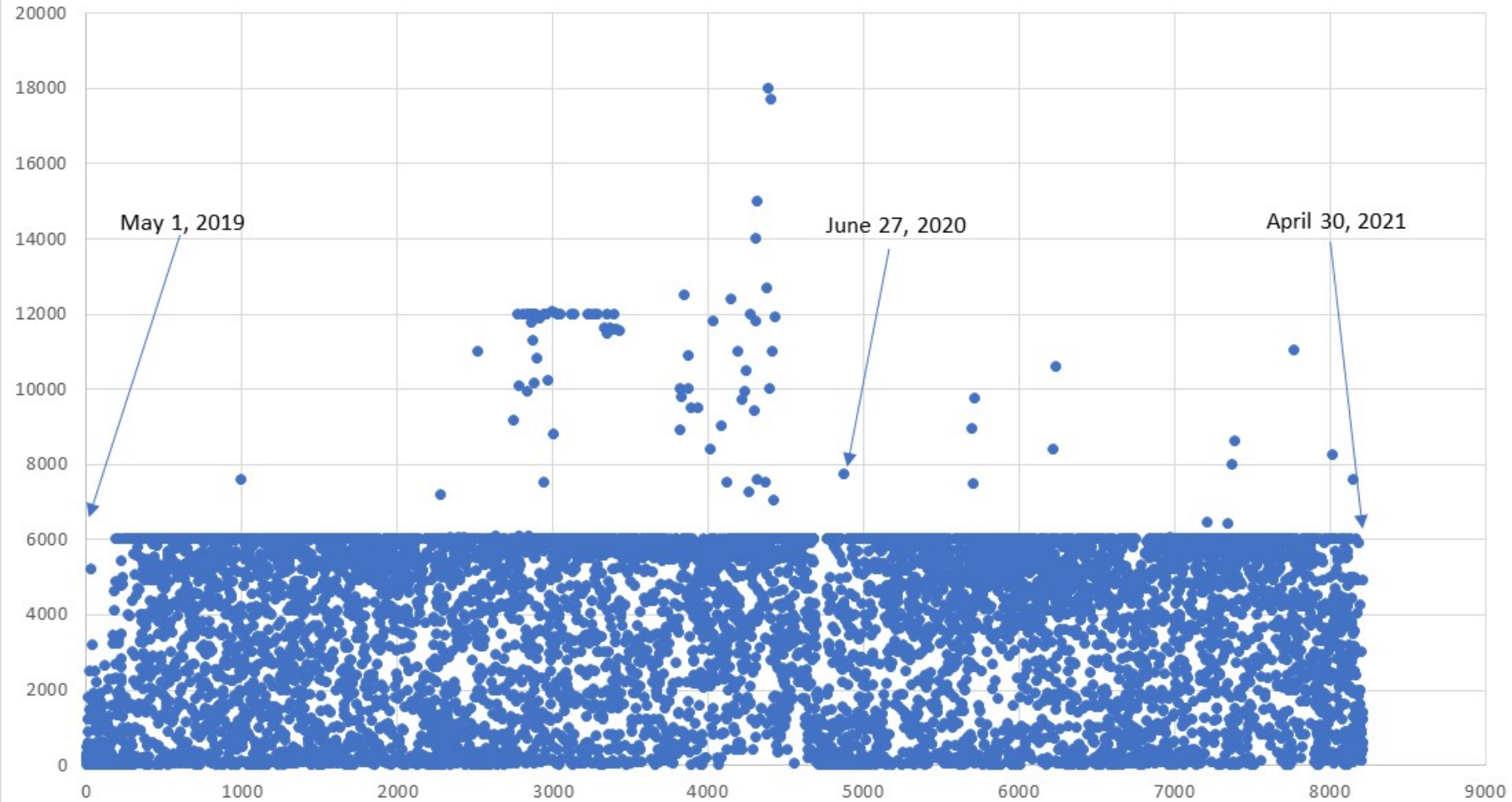
Dogfish – Trip Limit Analysis

- Uses price as indicator of disruption
- No substantial price effects apparent from two most recent changes
 - 4,000 to 5,000 (2014) and
 - 5,000 to 6,000 (2016)

Additional descriptive info... 2019 and 2020 fishing years...

Dogfish – Trip Limit Analysis

8,215 Trips with Some Federal Permit 2019-2020 Fishing Years

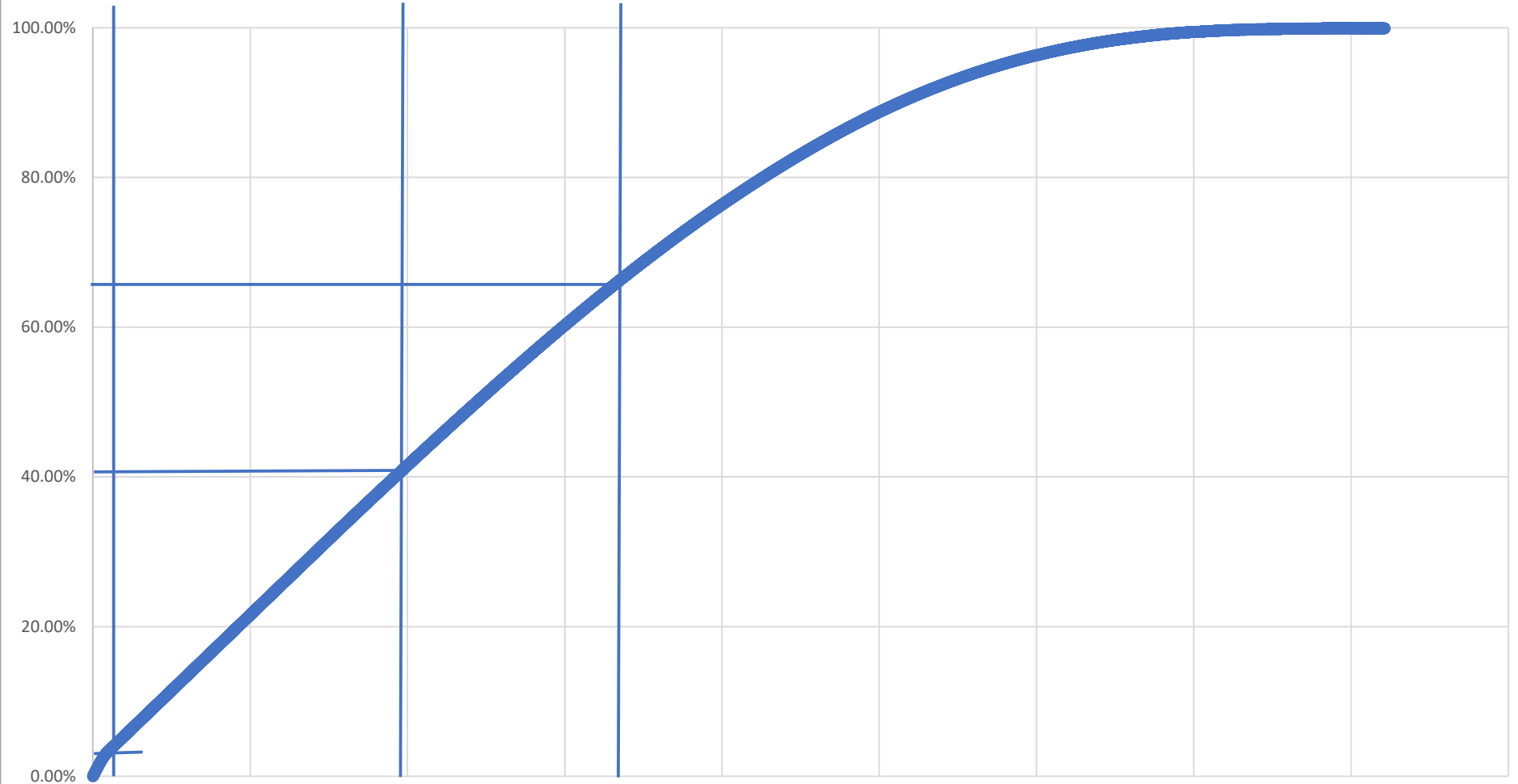


Dogfish – Trip Limit Analysis

6000+ = 4% land,
4% cumulative

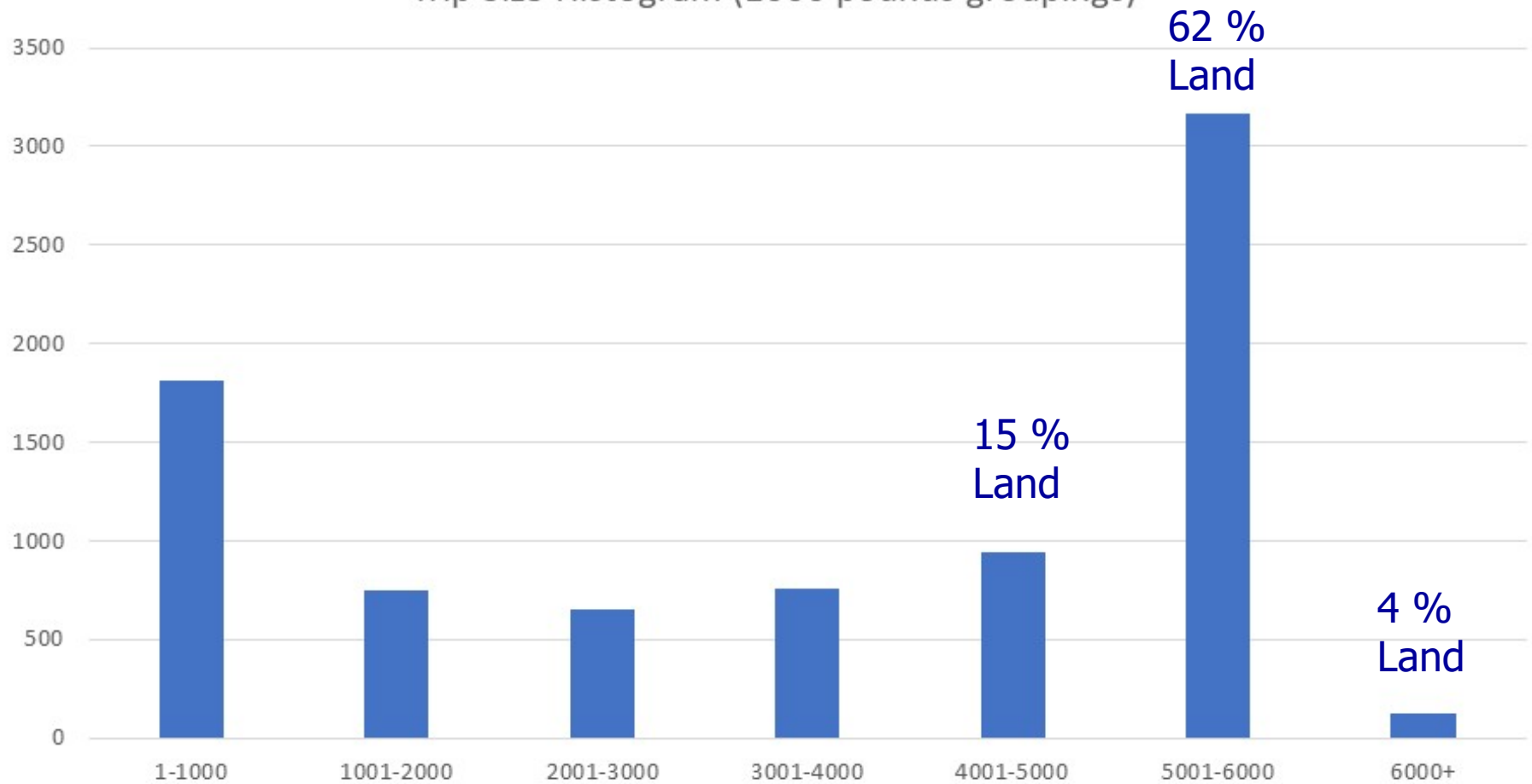
6000-5800 = 37% land,
41 % cumulative

5800-5000 = 25% land,
66% cumulative



Dogfish – Trip Limit Analysis

Trip Size Histogram (1000 pounds groupings)



Dogfish – MonCom

- Ex-Officio industry members: Double trip limit to 12,000 pounds
 - Incentivize return to the somewhat higher participation levels as seen in recent years
- MonCom concerns more process oriented...
 - as long as adhering to overall ABC/ACL, different trip limits should not negatively affect stock size
 - Size of change dictates specs/FW, NEPA doc
 - Emergency rule seems unlikely...

Dogfish – Trip Limit – Staff...

- Staff recommendation is status quo given uncertainties about assessment and limited public input
- Emergency action seems unlikely
- Specifications usually deals with smaller changes for spiny dogfish (May target)
- Framework could evaluate options and facilitate public awareness (longer)

Assessment Update

- Had 2 meetings.
- Evaluating resources to look at aging spines to re-examine growth (currently use a 40-year-old growth curve).
- Council and SSC research recommendations highlighted.
- Just getting started...

Committee Motion 1

- I move that the Committee recommend to the Councils that they adopt a trip limit increase to 7,500 pounds via the most expedient process possible (Likely via specifications with an expedited NEPA document if possible).

Committee Motion 2

- I move that the Committee recommend to the Councils that they prioritize a framework to consider additional trip limit changes, with work beginning after the completion of the research track assessment.

- Questions/Discussion/Motions
- Backup slides

Spiny Dogfish Quota Monitoring - Virginia

Regulations

Report Run on: 2021-04-29

For data reported through 2021-04-28

Quota Period: 2020

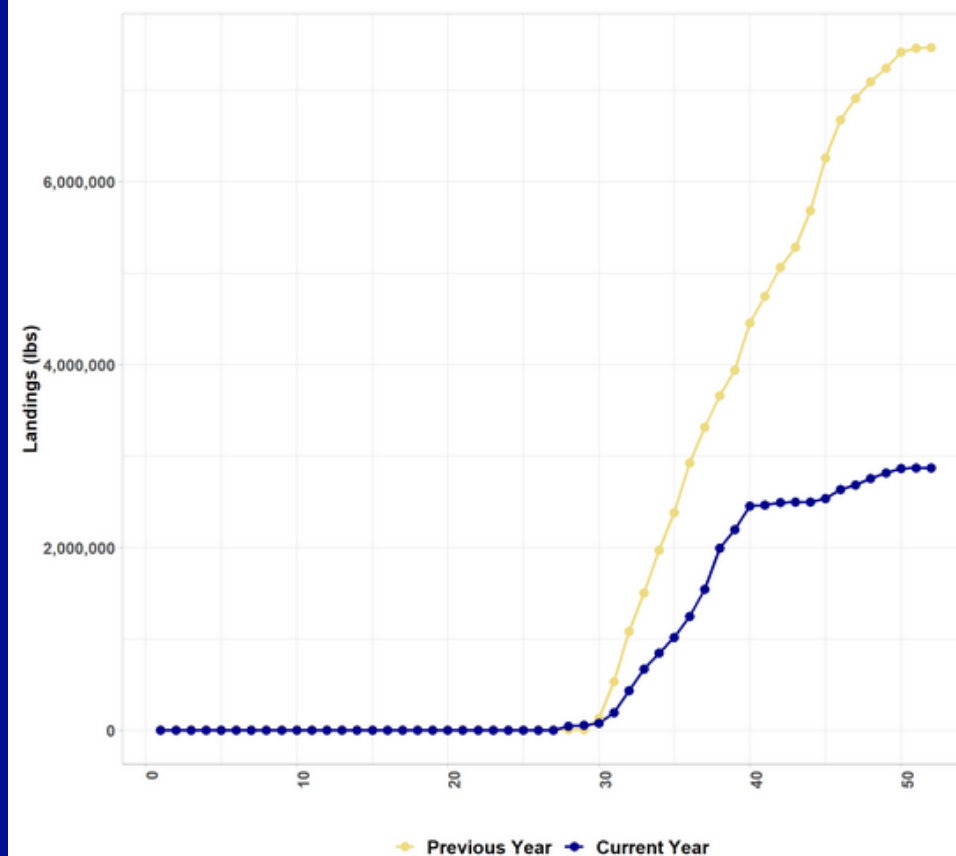
Quota period dates: May 1, 2020 to April 30, 2021

Previously Reported Landings (Pounds)	Previous Weeks Updates (Pounds)	Current Weeks Landings (Pounds)	Cumulative Landings (Pounds)	Annual Research Set-Aside Landings (Pounds)
2,869,935	7,498	0	2,869,935	0

Notice

The spiny dogfish fishery is open with a possession limit of 6,000 lb per trip. Vessels continue to be prohibited from landing more than one trip per calendar day.

Negative landings can be the result of updates to the database (e.g. reported Research Set-Aside landings are subtracted from the Commercial Current Week's Landings or Previous Weeks' Updates). As a result, the Commercial Current Week's Landings or Previous Weeks' Updates can be negative.



Yellow = 2019
Fishing Year,
Blue = 2020

Spiny Dogfish Quota Monitoring - Massachusetts

Regulations

Report Run on: 2021-09-30

For data reported through 2021-09-29

Quota Period: 2021

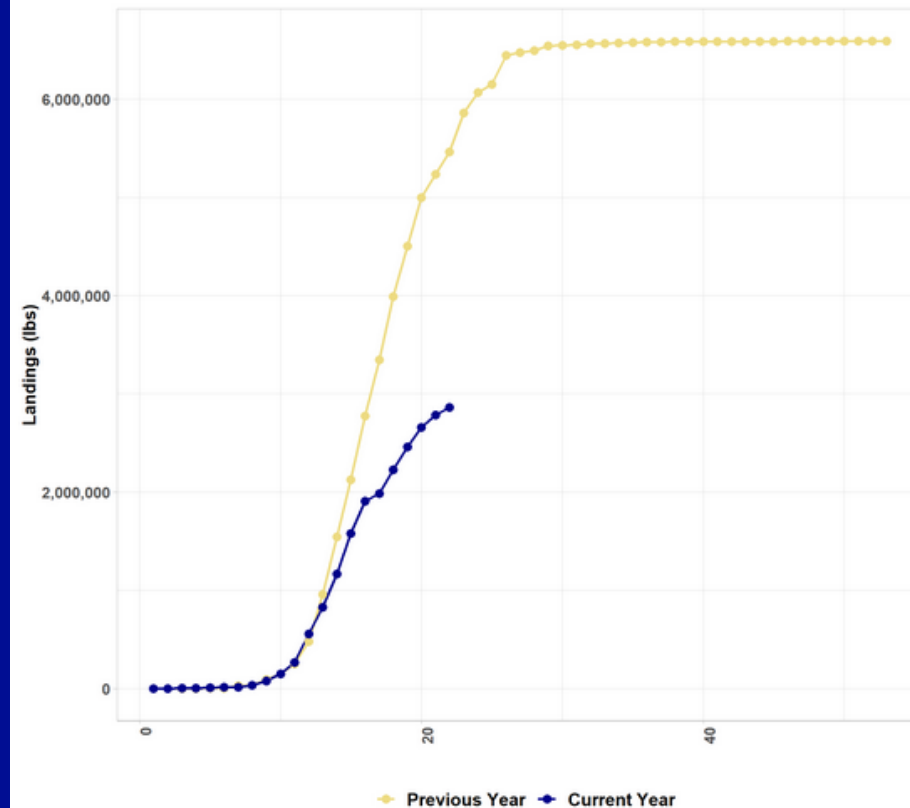
Quota period dates: May 1, 2021 to April 30, 2022

Previously Reported Landings (Pounds)	Previous Weeks Updates (Pounds)	Current Weeks Landings (Pounds)	Cumulative Landings (Pounds)	Annual Research Set-Aside Landings (Pounds)
2,782,875	122,564	77,053	2,859,928	0

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