



Spiny Dogfish
2021 & 2022
Fishing Years' ABCs

2021-2022 Specs

New Risk Policy

2021: 17,498 MT

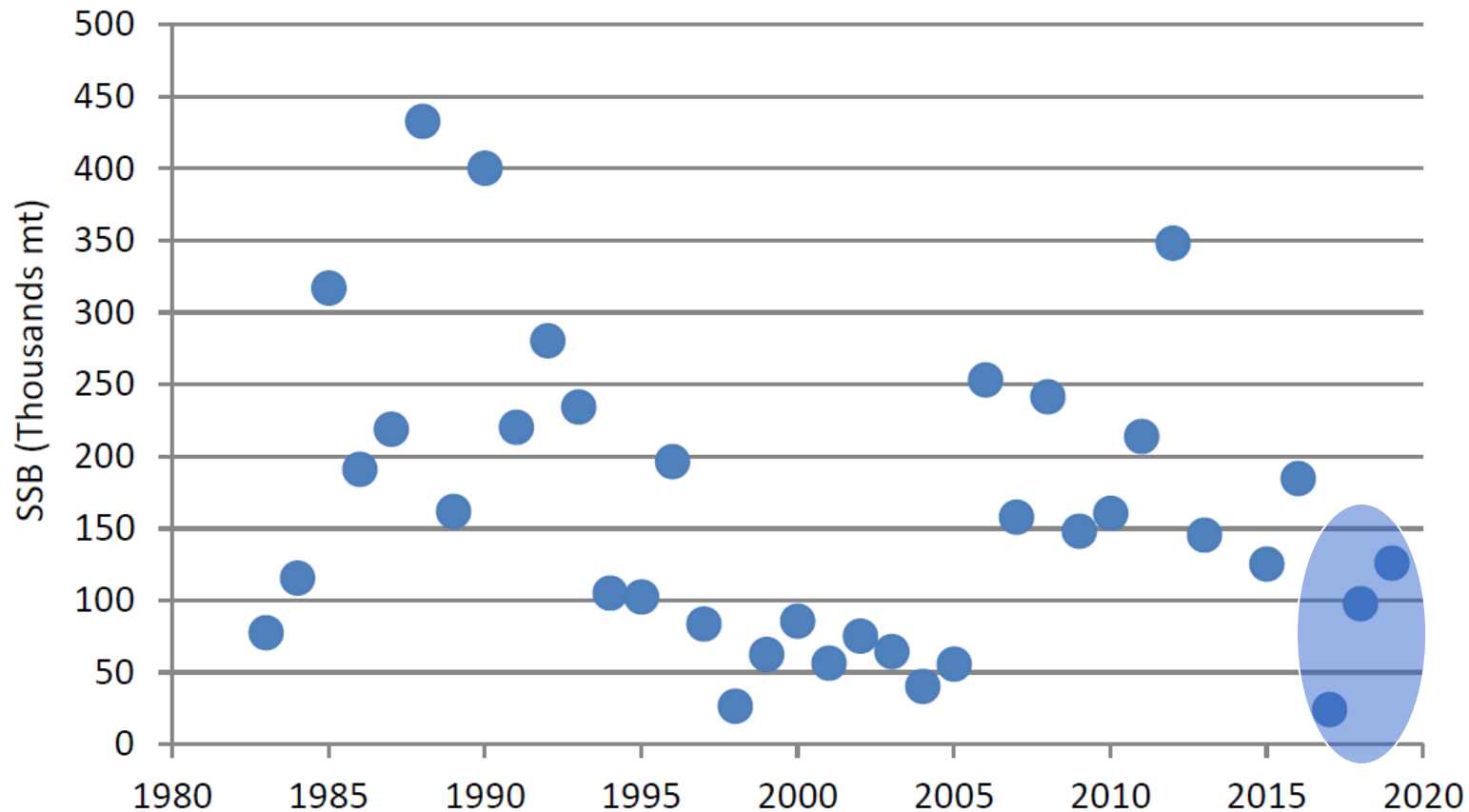
2022 – Benchmark, extend 2021

-The original P*s for 2019-2021 were 27-30% chances of overfishing

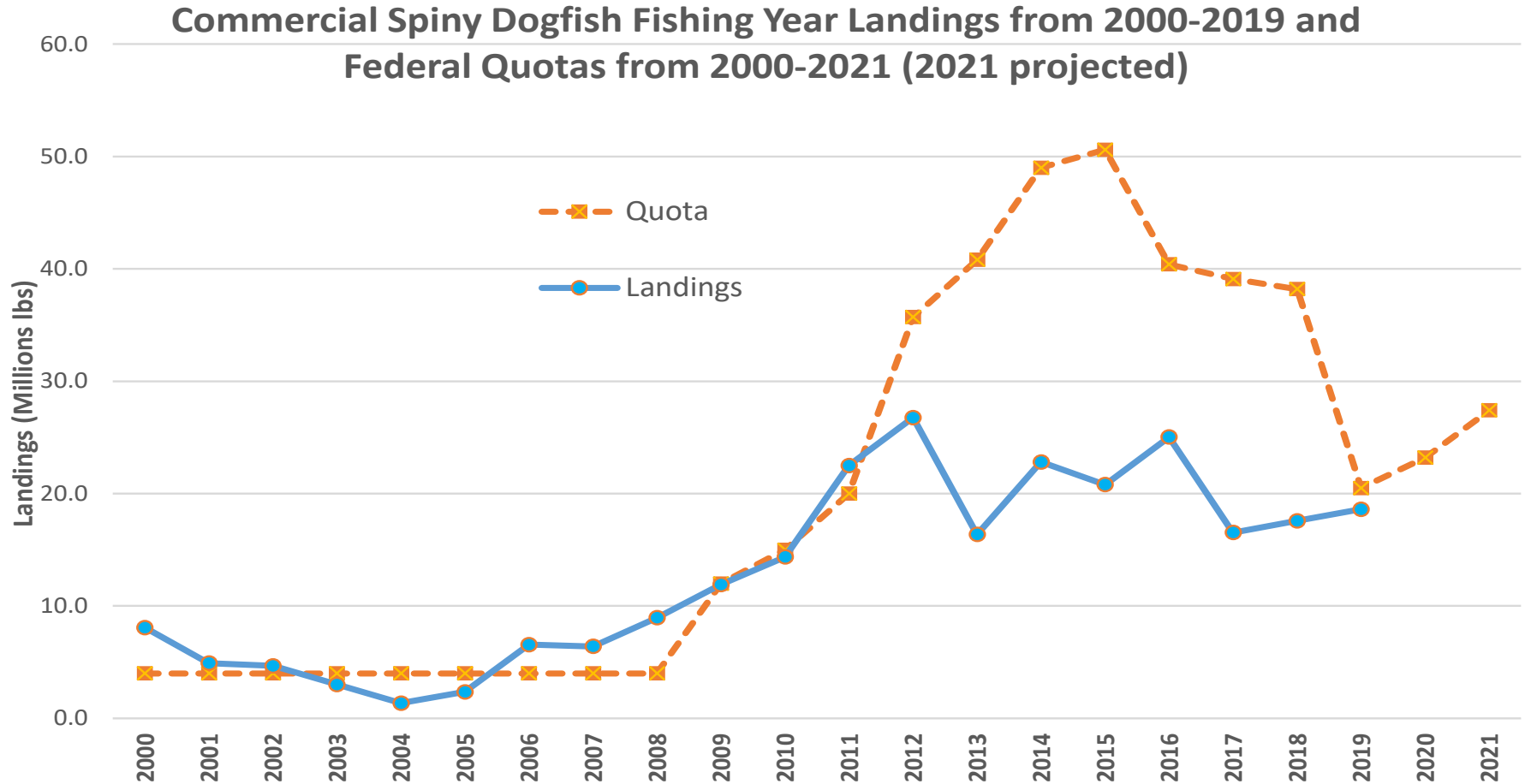
-The revised P* for 2021 would be 33% chance of overfishing.

Last Year's Update

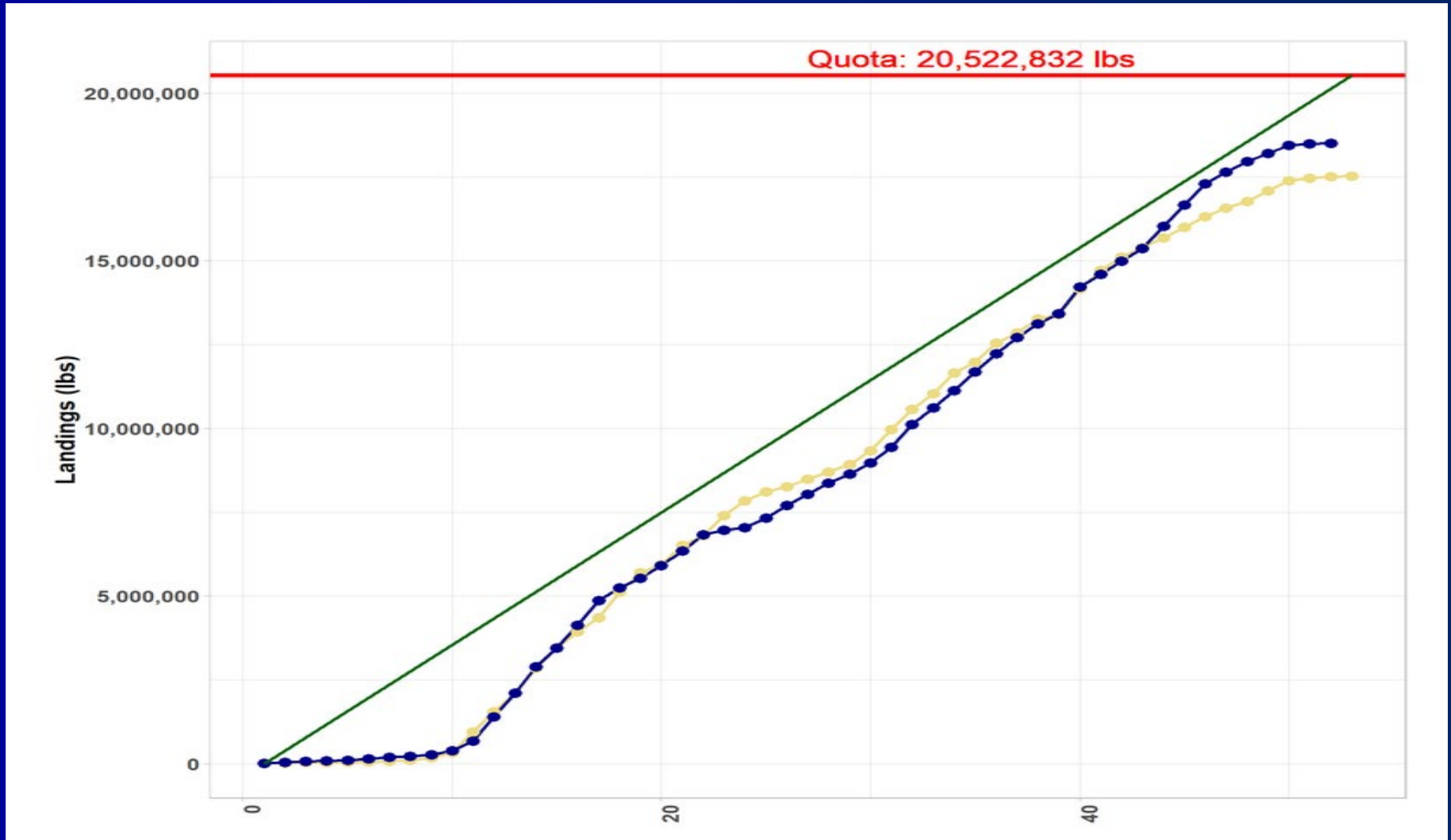
Female spawning stock biomass Estimates 1982-2019



Landings Since Management

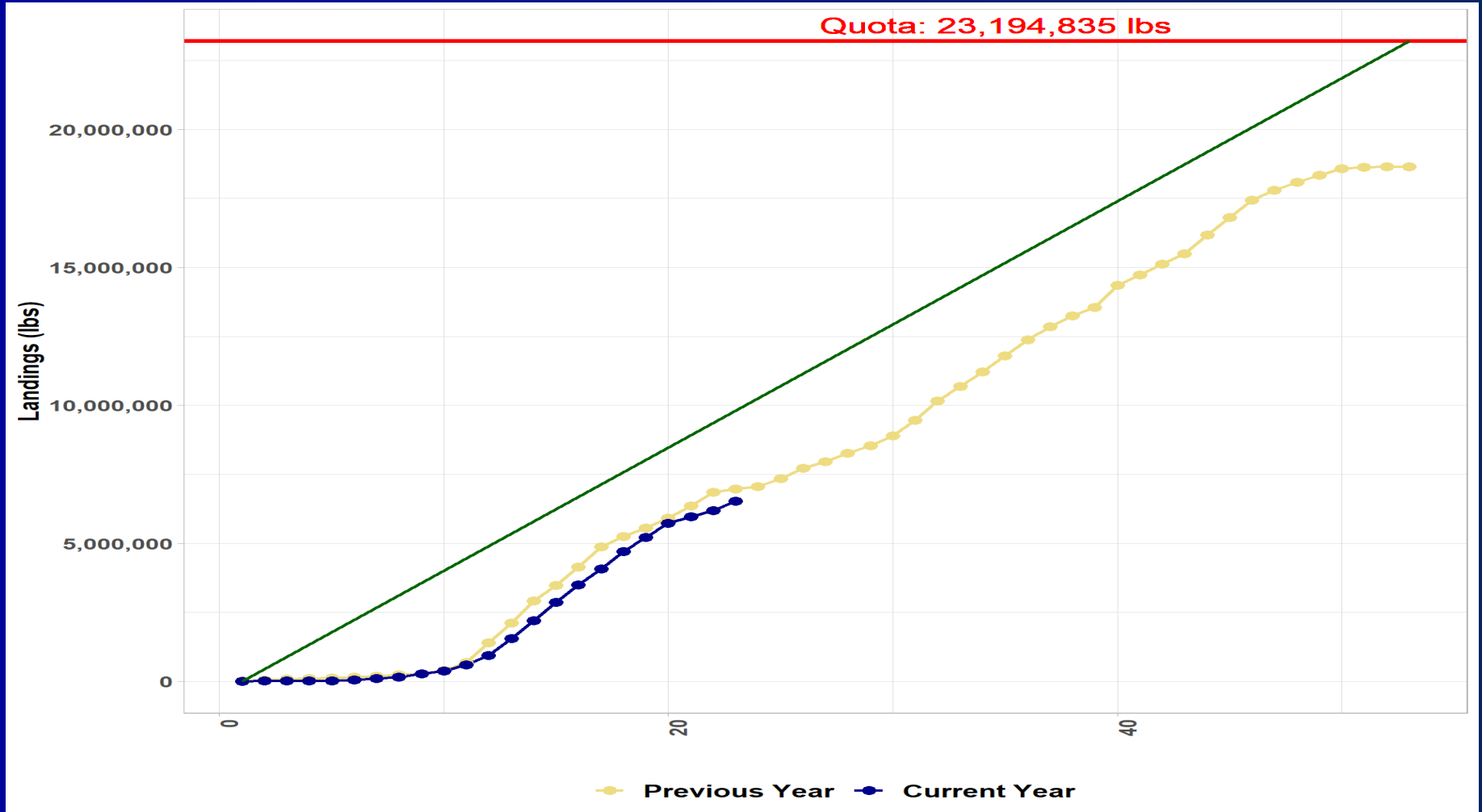


Dogfish Landings 2018 and 2019 FYs



Yellow = 2018 Fishing Year, Blue = 2019

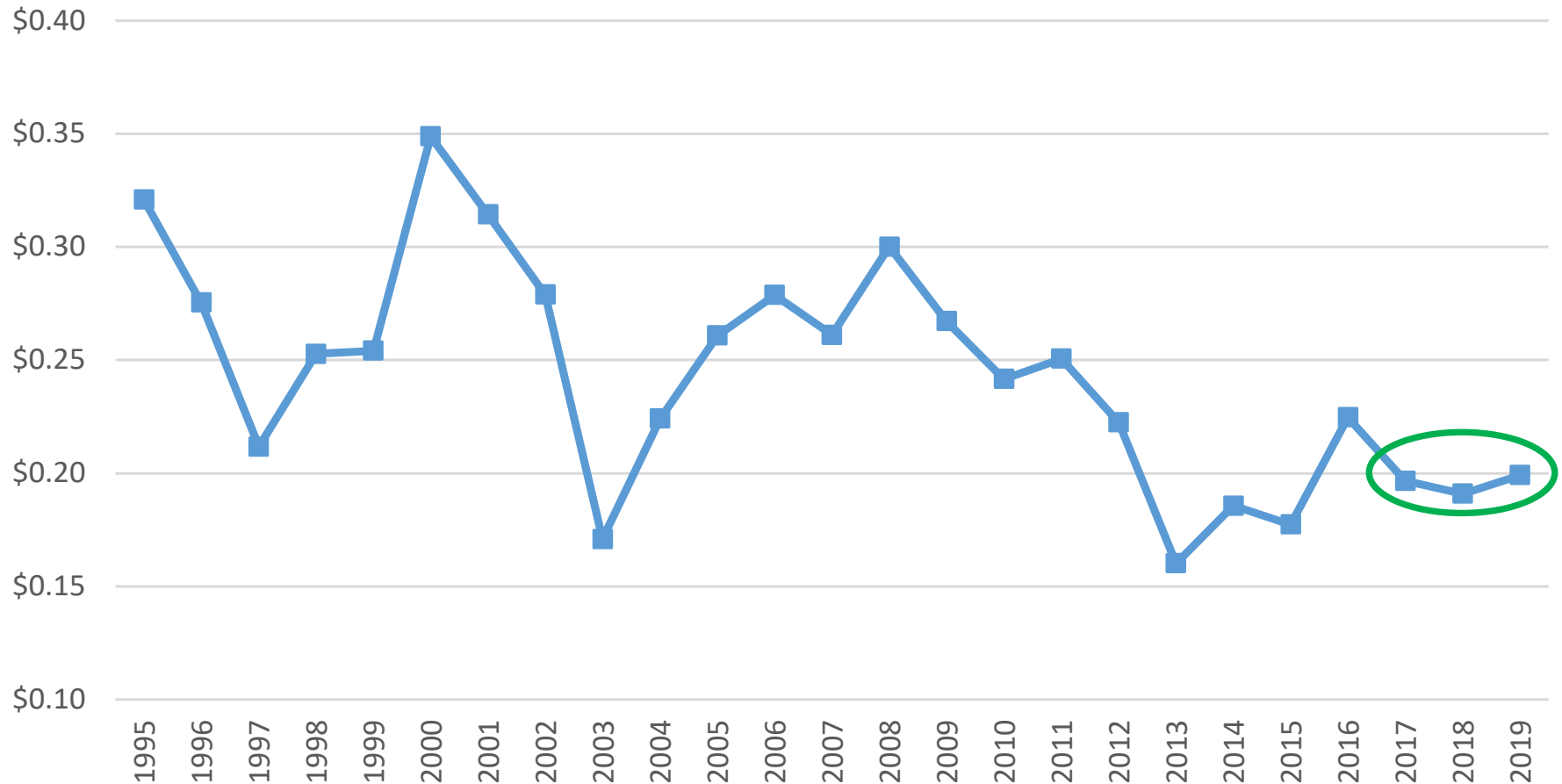
Dogfish Landings 2019 and 2020 FYs



Yellow = 2019 Fishing Year, Blue = 2020 thru Oct 7

Price thru 2019 Fishing Year

Dogfish Price, Inflation Adjusted (2019) \$/pound



Current Specs

Multi-Year Specs

2019, 2020, 2021

ABCs based on original risk policy, OFL CV of 100%; Stock size 67% of target in 2018...

| Specifications | Basis | 2019 (pounds) | 2019 (mt) | 2020 (pounds) | 2020 (mt) | 2021 (pounds) | 2021 (mt) |
|----------------|-------------------------|------------------|--------------|------------------|--------------|------------------|--------------|
| OFL (from SSC) | Projected Catch at Fmsy | 47,507,413 | 21,549 | na | na | na | na |
| ABC (from SSC) | Council Risk Policy | 28,470,497 | 12,914 | 31,142,499 | 14,126 | 35,368,761 | 16,043 |

Dogfish – Advisory Panel FPR

- Weak demand (few processors) and trip limit restrain landings (6,000 lbs since 8/15/16)
- Local conditions affect local landings
- Concern about science underestimating population & productivity
 - No concerns about stock from AP
 - Executive order
- Early 2020 landings down some vs same time last year – fewer Northern participants and not landing full trip limits – fish are offshore

Dogfish ABC Staff Recommendation

- Update 2021 ABC given new risk policy...
 - 17,498 MT
- Also extend/set through 2022 given benchmark in 2022.

SSC Recommendation

- Accepted staff recommendation
 - Consistent with Council risk policy
 - Concern about missed data – survey dependent
 - Concern getting distant in time from projections
 - But original projections for 2022 even higher
- Highlighted/updated research recommendations.

Monitoring Committee

| Specifications | 2021 Revised/ 2022 (pounds) | 2021 Revised/ 2022 (mt) | Basis for Revised 2021 (and 2022) Specifications |
|--------------------|-----------------------------------|----------------------------------|---|
| OFL (from SSC) | na | na | na |
| ABC (from SSC) | 38,576,487 | 17,498 | SSC, Revised Council Risk Policy |
| Canadian Landings | 99,208 | 45 | = 2018 estimate |
| Domestic ABC | 38,477,279 | 17,453 | = ABC – Canadian Landings |
| ACL | 38,477,279 | 17,453 | = Domestic ABC |
| Mgmt Uncert Buffer | 0 | 0 | Ave pct overage since 2011 |
| ACT | 38,477,279 | 17,453 | = ACL - mgmt uncert buffer |
| U.S. Discards | 8,800,854 | 3,992 | = 3 year average 2016-17-18 |
| TAL | 29,676,425 | 13,461 | ACT – Discards |
| U.S. Rec Landings | 116,845 | 53 | = 2019 estimate |
| Comm Quota | 29,559,580 | 13,408 | TAL – Rec Landings |

Monitoring Committee

- Trip Limit

- changes to the current 6,000-pound trip limit do not appear necessary to adhere to specifications
- as long as states adhere to their quotas, different trip limits should not adversely affect stock
- Major changes should be a framework
 - Greater analysis and public input

Trip Limit Follow-Up

- A change to 7,000 or 8,000 pounds could be handled with minimal administrative costs (like quota)
- Bigger changes probably need an EA even within specifications
- Council staff recommends using a framework given participants may not be expecting trip limit changes at this time and socio-economic analysis would help inform changes (EO)

Trip Limit Follow-Up

- New England Council voiced concern/objection that New England preferences at the Committee level are masked by the Committee of the Whole approach.

Council

- MAFMC adopted Monitoring Committee recommendations (with no changes to trip limits)
 - 2021 analyses of potential trip limit changes
- NEFMC meets in December
- NMFS can resolve any differences with any option not rejected by both Councils.