

# Skate Framework Adjustment 8 & Specs for FY2020-2021

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**NEFMC  
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# Framework 8: Alternatives

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- ▶ **Specifications**

- ▶ No Action ABC: 31,327 mt
- ▶ Alternative 2 ABC: 32,715 mt

- ▶ **Skate possession limits**

- ▶ **Wing**

- ▶ No Action: 2,600 lb/4,100 lb
- ▶ Alternative 2: 3,000 lb/5,000 lb

- ▶ **Bait**

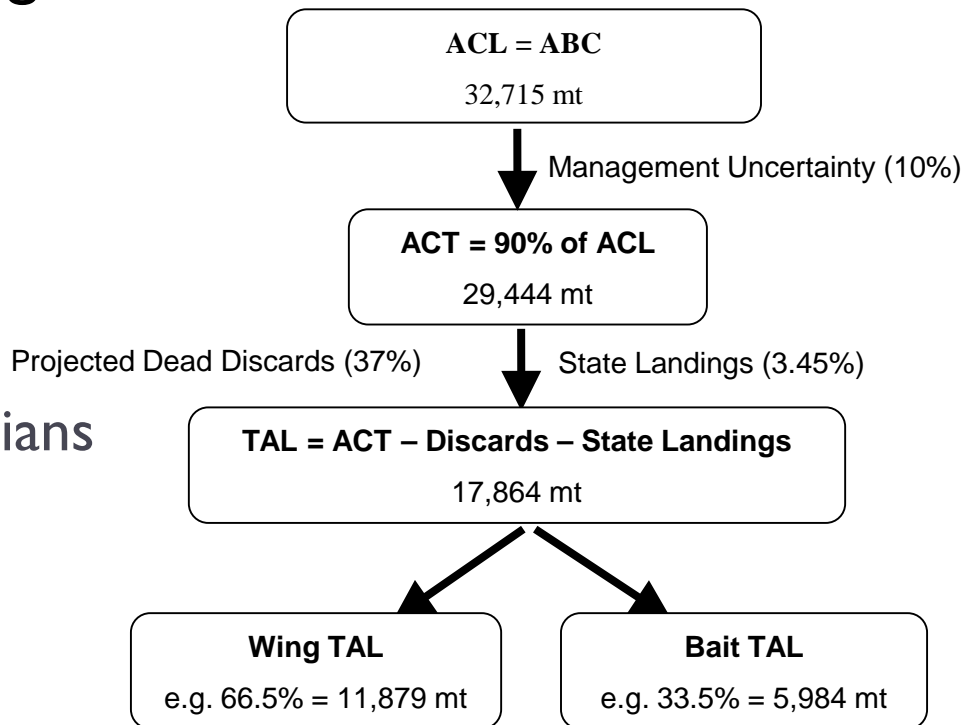
- ▶ No Action: 25,000 lb/25,000 lb/12,000 lb
- ▶ Alternative 2: 25,000 lb in all 3 seasons



# 4.1 Specifications

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- ▶ SSC approved in August
- ▶ MSY = 36,794 mt
- ▶ Key components
  - ▶ Survey indices
  - ▶ Discards
  - ▶ Catch/biomass medians



# Survey Indices

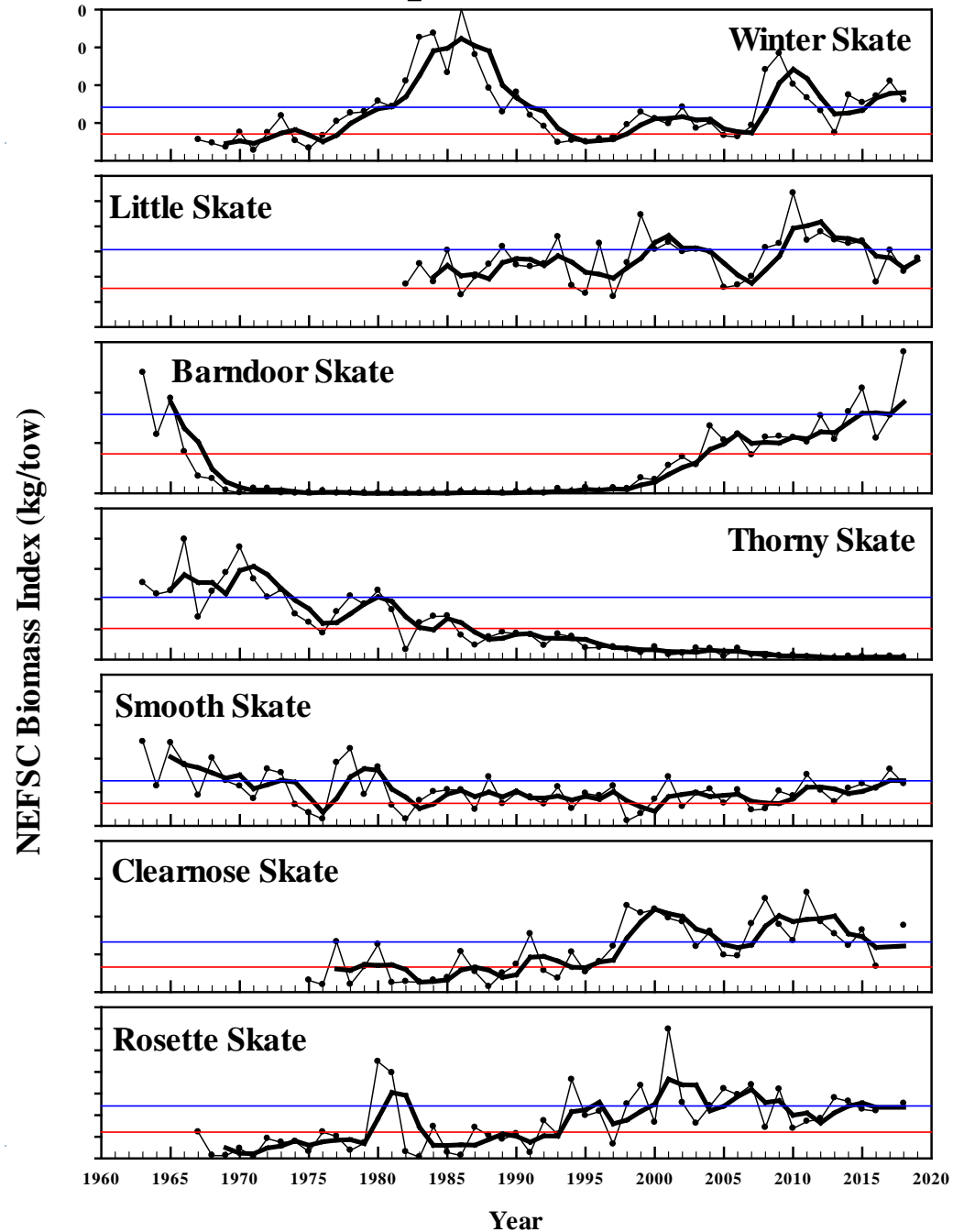
## ▶ Updated Survey Indices

- ▶ Increased indices for 4 of 7 species on 2017/18
- ▶ Overfishing not occurring
- ▶ Overfished: thorny

## ▶ NEFSC trawl survey

- ▶ Impacts on survey indices

## Skate Complex Biomass Indices



# Comparison of specifications

	<b>PDT recommendation using modified survey indices</b>	<b>Specs not using modified survey indices</b>	<b>FY 2018-19 specifications (with revised uncertainty buffer)</b>
<b>ABC</b>	32,715	36,566	31,327 mt
<b>ACT</b>	29,444	32,909	28,194 mt
<b>TAL</b>	18,502	20,680	16,515 mt
<b>Federal TAL</b>	17,742	19,920	15,788 mt
<b>Wing TAL</b>	11,798	13,247	10,499 mt
<b>Bait TAL</b>	5,944	6,673	5,289 mt



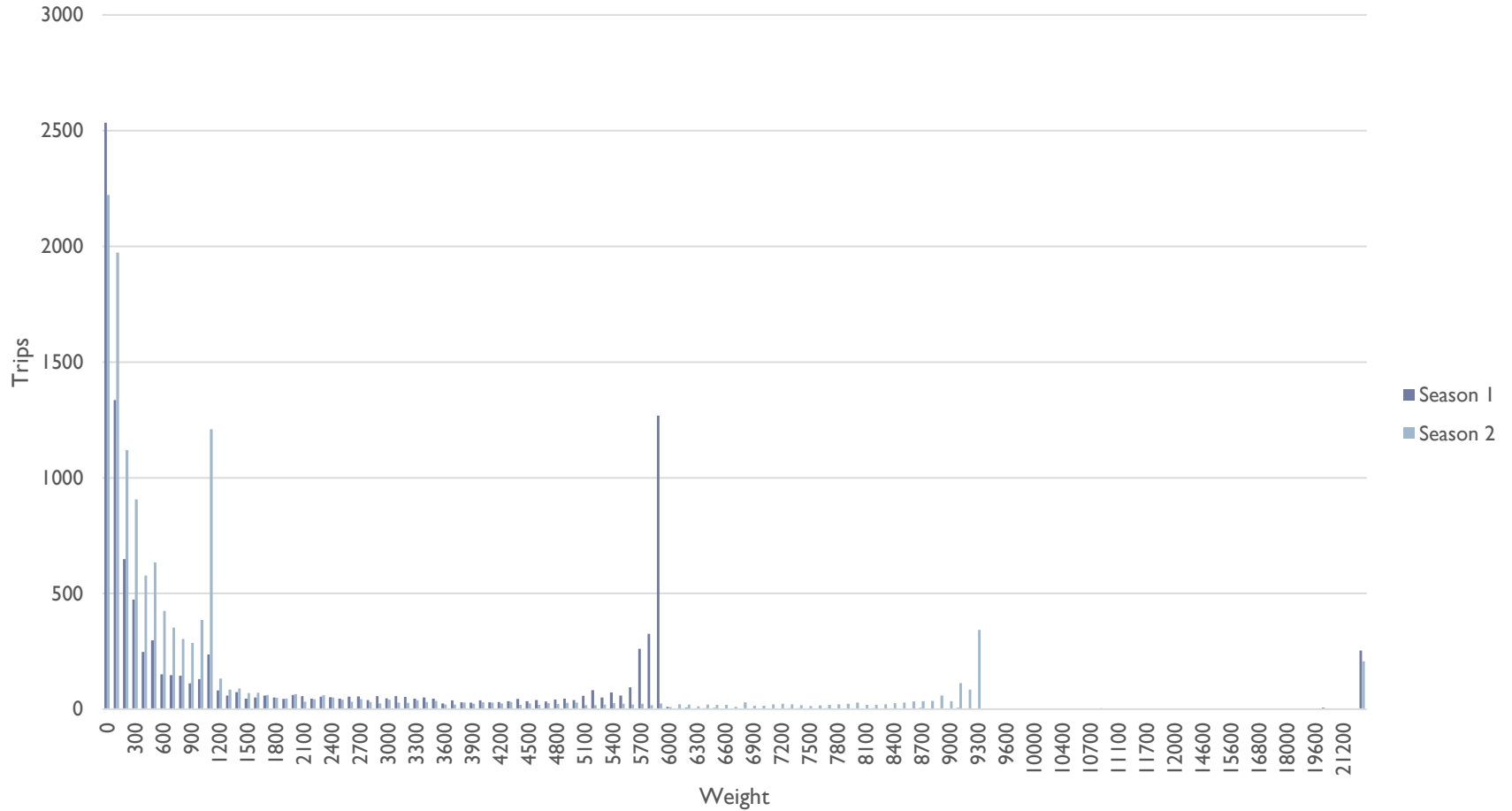
# Summary of Specification Impacts

	No Action (Alt 1)	Revised Specs (Alt 2)
Biological	neutral to low positive	slightly low positive
EFH	minor negative	minor negative
PR	low negative	low negative
Human communities	Low negative short-term; low positive long-term	low positive short and long term



# 6.2.1 Impacts

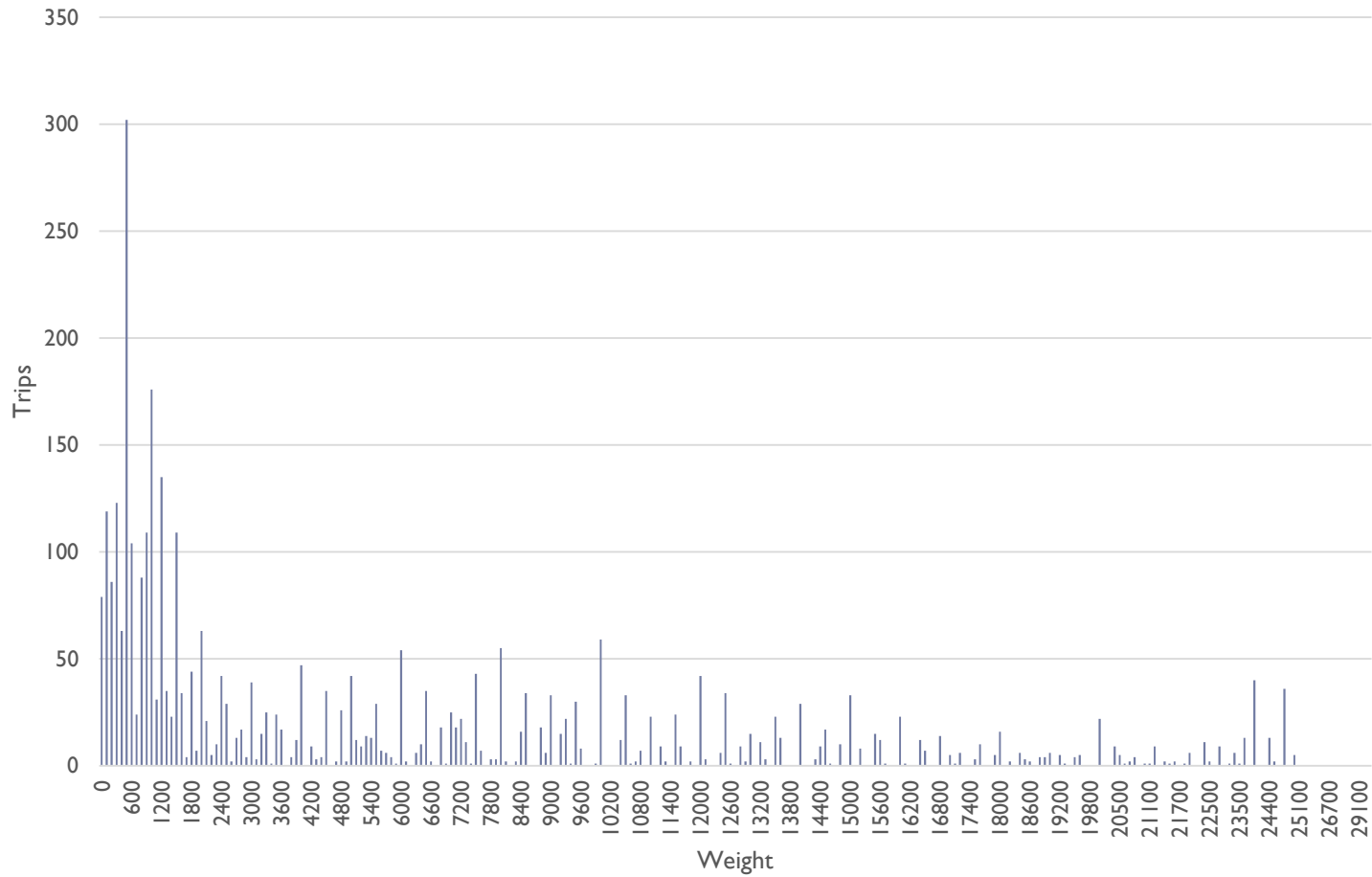
Wing Trip Frequency 2017-2018



# 6.2.1 Impacts

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Frequency of trips landing bait, 2017-2018





## 6.2.1 Impacts

**Table 31 – Landings and percent of TAL achieved in the wing fishery between FY2012 and FY2018**

Fishing year	TAL	Landings	Percent of TAL
2012	15,538	10,113	65%
2013	14,338	7,981	56%
2014	11,169	10,605	97%
2015	10,896	8,911	81.8%
2016	8,372	8,268	98.8%
2017	8,372	8,465	101.1%
2018	10,499	7,837	74.6%

**Table 32 – Landings and percent of TAL achieved in the bait fishery between FY2012 and FY2018**

Fishing year	TAL	Landings	Percent of TAL
2012	7,827	5,504	70%
2013	7,223	5,596	77%
2014	5,626	4,499	82%
2015	5,489	5,541	100.9%
2016	4,218	4,262	101%
2017	4,218	3,978	94.3%
2018	5,289	3,356	63.5%

# Discards

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- ▶ Continuing to decrease

**Table 33 – Total and dead skate discards for calendar years 2014 - 2018**

Year	Total Discards (mt)	Dead Discards (mt)
2014	42,758	12,673
2015	37,894	10,417
2016	33,271	10,435
2017	25,884	8,544
2018	23,000	7,580



## 4.2.1 Wing possession limit alternatives

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- ▶ Alternative 1 – No action (2,600 lb/ 4,100 lb)
- ▶ Alternative 2 – Increase season 1 (3,000 lb) and season 2 (5,000 lb) possession limits



# Wing Possession Limit Impacts

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	No Action (Alt 1)	Revised Possession Limits (Alt 2)
Biological	low positive	low positive
EFH	low negative	low negative
PR	low negative	low negative
Human Communities	low positive	low to medium positive

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## 6.6.2 Impacts

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**Table 35. Simulation of FY2018 wing fishery under Alternative 2.**

<b>FY2018 actual</b>	<b>Total lbs landed</b>	<b>9,860,195</b>
	Total revenue	\$5,655,719
<b>FY2018 simulated</b>	Increase in total lbs landed	122,209
	Increase in total revenue	\$83,531
	Total landings	9,982,404
	Total revenue	\$ 5,739,250
<b>Trigger</b>	85% of wing weight TAL	9,806,441



## 4.2.2 Bait possession limit alternatives

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- ▶ Alternative 1 – No action (25,000 lb/25,000 lb/ 12,000 lb)
- ▶ Alternative 2 – Increase season 3 to 25,000 lb



# Bait Possession Limit Impacts

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	No Action (Alt 1)	Revised Possession Limits (Alt 2)
Biological	low positive	low positive
EFH	low negative	low negative
PR	low negative	low negative
Human Communities	low positive	low to medium positive

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## 6.6.3 Impacts

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▶ **Table 36. Simulation of FY2018 wing fishery under Alternative 2**

<b>FY2018 actual</b>	<b>Total lbs landed</b>	<b>8,709,742</b>
	Total revenue	\$1,080,976
<b>FY2018 simulated</b>	Increase in total lbs landed	689,000
	Increase in total revenue	\$72,020
	Total landings	9,398,742
	Total revenue	\$ 1,152,996
<b>Trigger</b>	80% of bait (live wt.) TAL	10,554,072

