

# C5 Joint Groundfish September Plan Team Report

Steve Barbeaux, Sara Cleaver, Jim Ianelli, Chris Lunsford,  
Kalei Shotwell, Diana Stram, Cindy Tribuzio



October 2025, Presentation to the AP



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# Groundfish Plan Team Meeting, Sept 16-18, 2025

Virtual

## **BSAI Groundfish Plan Team Members:**

Steve Barbeaux	AFSC REFM (co-chair)	Kirstin Holsman	AFSC REFM
Kalei Shotwell	AFSC REFM (co-chair)	Andy Kingham	AFSC FMA
Cindy Tribuzio	AFSC ABL (vice chair)	Beth Matta	AFSC REFM
Diana Stram	NPFMC (coordinator)	Andrew Seitz	UAF
Lukas DeFilippo	AFSC	Jane Sullivan	AFSC ABL
Allan Hicks	IPHC	Steven Whitney	NMFS AKRO
Lisa Hillier	WDFW		

## **GOA Groundfish Plan Team Members:**

Jim Ianelli	AFSC REFM (co-chair)	Pete Hulson	AFSC ABL
Chris Lunsford	AFSC ABL (co-chair)	Nat Nichols	ADF&G
Sara Cleaver	NPFMC (coordinator)	Jan Rumble	ADF&G
Meaghan Bryan	AFSC REFM	Paul Spencer	AFSC REFM
Abby Jahn	NMFS AKRO	James Thorson	AFSC REFM
Craig Faunce	AFSC FMA	Sophia Wassermann	AFSC RACE
Lisa Hillier	WDFW	Ben Williams	AFSC ABL



# Joint Teams Presentation Summary

- Met Tuesday, September 16-17, 2025 at 8:00 am AKDT
  - Virtual meeting only via Zoom, Team's electronic agenda
  - Presentations are linked in the header (in report)
- Future meetings:
  - November 10, 12-14, 2025
  - Tentative 2026 dates:
    - Week of September 21(4 days TBD)
    - November (TBD)

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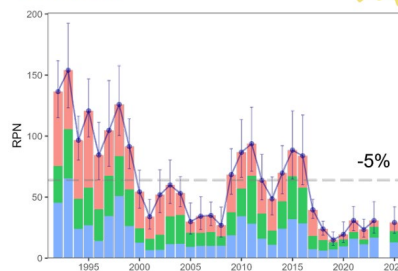
***Issue of Veterans day and Thanksgiving week and proximity of Council meeting in 2025, 2026***



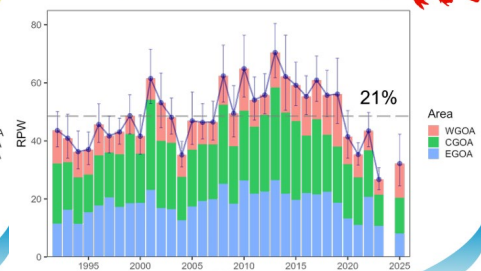
# Longline Survey

- Sampling in GOA in odd years, BSAI in even years
- 371,700 hooks fished, 109,263 lengths, 2,869 sablefish otoliths, 3,998 sablefish tagged
- 90 temp-depth profiles, sub- surface temps (~250m) near avg in WGOA, CGOA above avg in EGOA
- Pacific cod and REBS similar to last survey, shortraker decreased 16%, thornyhead up 21%

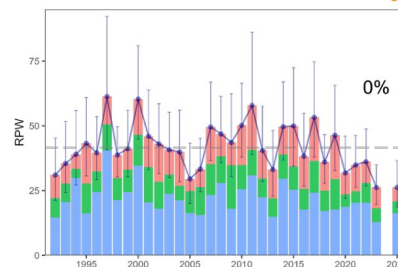
GOA P. Cod



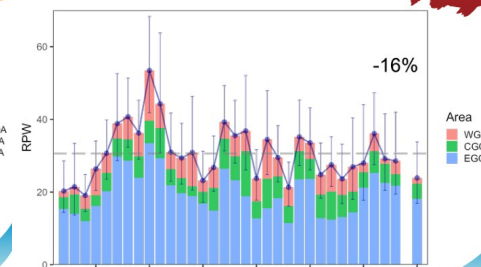
GOA Shortspine Thornyhead



GOA RE/BS



GOA Shortraker



Thanks to Kevin Siwicke

# Sablefish efforts

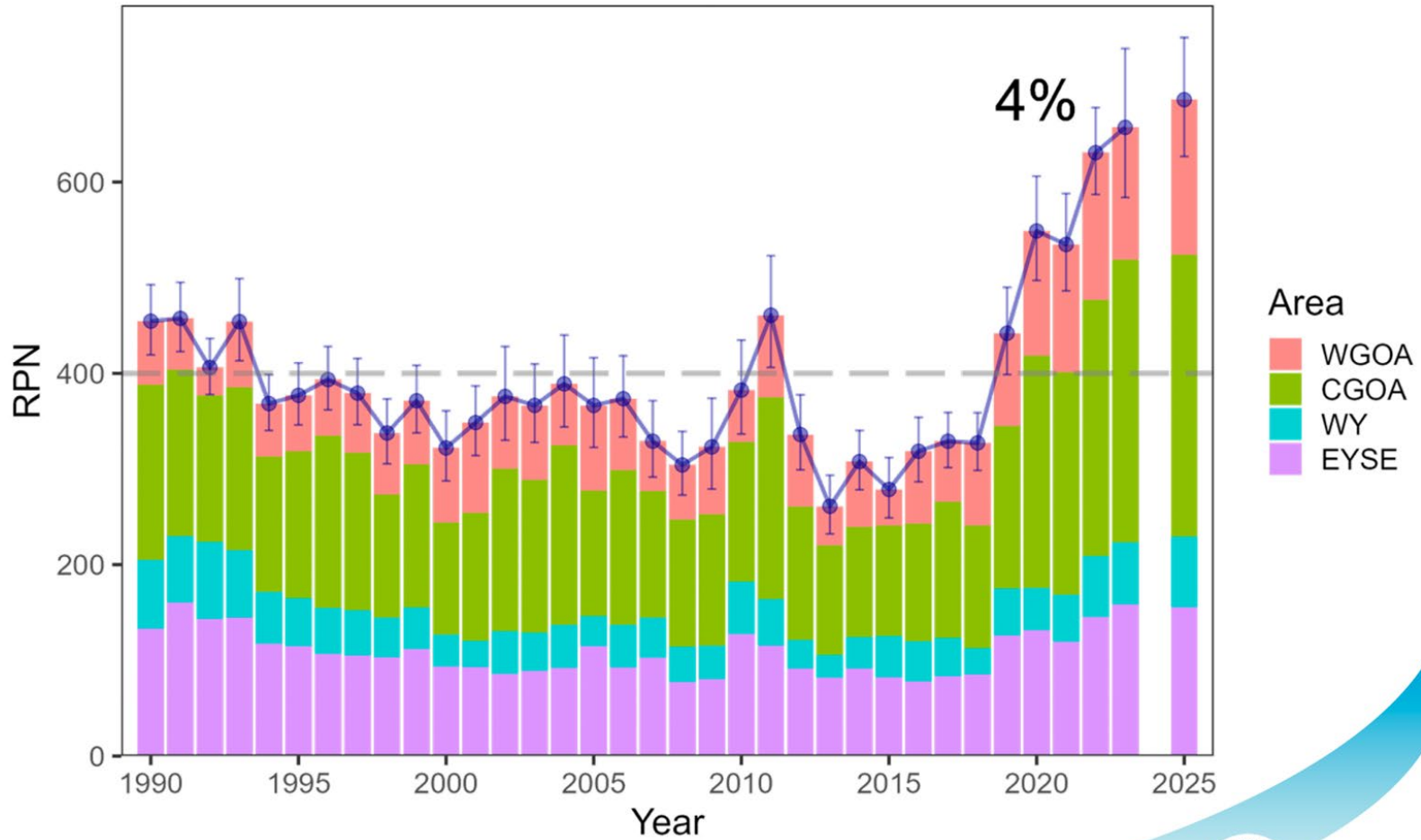
**Stock assessment model updates,** including

- ★ Counterfactual analysis of longline survey design changes
- ★ Spatial stock assessment model
- ★ Management Strategy Evaluation (MSE)

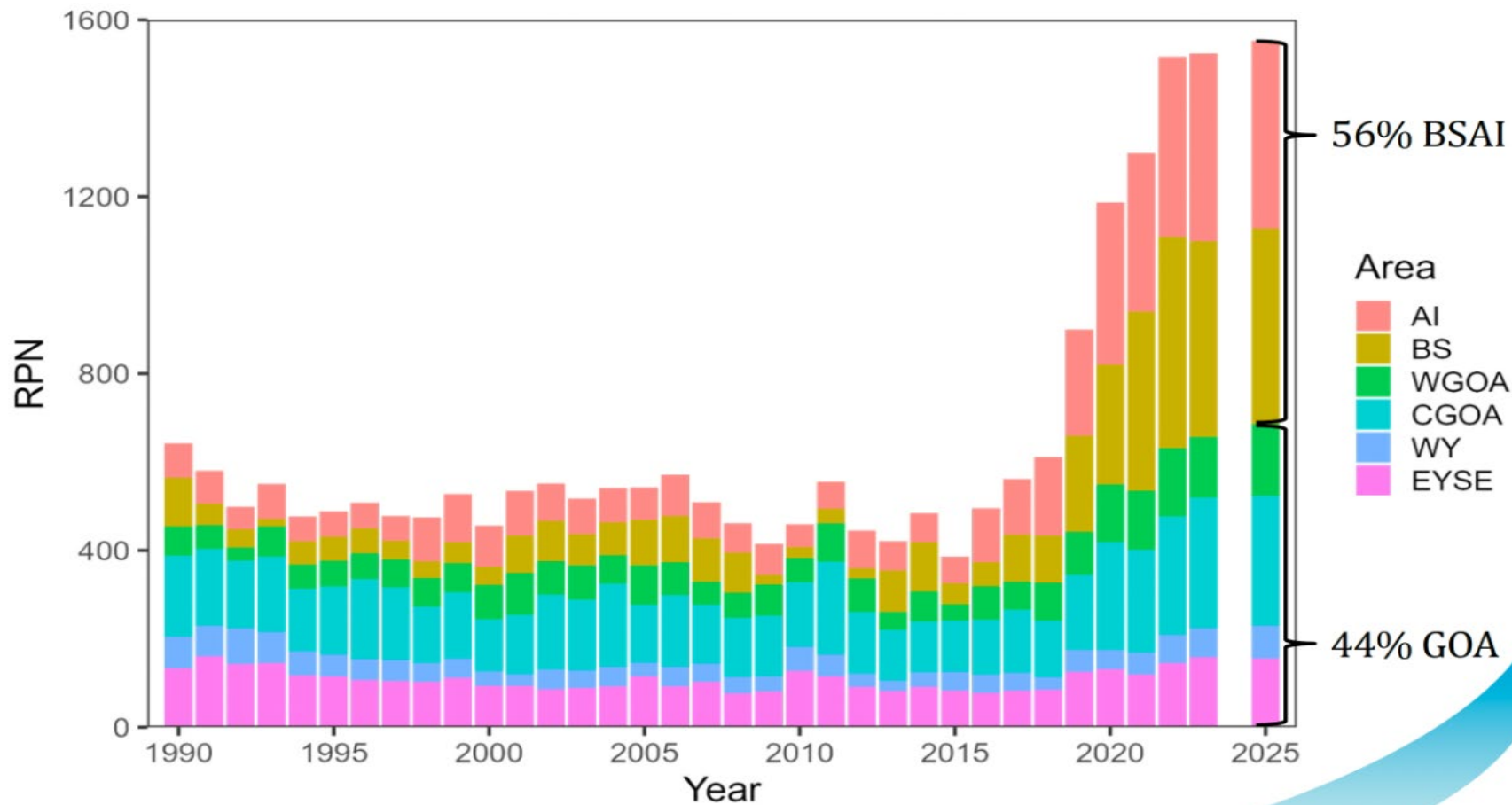
Thank you to Dan Goethel, Matt Cheng, Joshua Zahner, LLS Team



# GOA Sablefish



# Sablefish AK-wide (2023 BSAI)



# Sablefish discussion

Future pattern of alternating survey data between BSAI and GOA

- ★ Team had some comments/suggestions, reconsider in Sept 2026
- ★ Noted a CIE review expected in 2026 and could be addressed then



# Ecosystem Status Report



- North Pacific: Similar warm & windy trends across all regions, but driven by region-specific dynamics



- Gulf of Alaska (GOA): Warm waters from western/central Pacific and from central GOA gyre in winter and late summer at surface and depth; coupled with strong transport across shelf



- Aleutian Islands (AI): Strong AK currents increase eddies and northward transport through eastern & western passes; year-round high sea surface temperatures are back



- Eastern Bering Sea (EBS): Warm waters in winter coupled with storms led to reduced sea ice; summer cold pool was reduced; sea ice expected to arrive later this winter

**Thank you to Bridget Ferriss, Ebett Siddon, Ivonne Ortiz**



# Ecosystem Status Report

## ● Discussion

- Teams appreciated the effectiveness and efficiency of the combined report and summarizing the roles of the ESR and ESP reports for informing the harvest specification process.
- Teams also discussed expanding some of the hypothesized ecosystem impacts during the September report and noted that some of this information appears in other presentations (e.g., Ecosystem Surveys)

## ● Recommendations:

- **ESR team continue working to link climate trends to ecosystem and groundfish community processes in future reports**



# Harvest Control Rules

- ★ Workplan guidance:
  - Stocks or species to cover,
  - types performance indicators to use
- ★ The Teams noted the need to focus on species that are most susceptible to environmental change
  - Agreed with SSC focus on Pacific cod, pollock, sablefish, snow crab, and Bristol Bay red king crab—added Pacific Ocean perch
- ★ Development of a framework for implementing alternative HCRs
  - Umbrella actions based on evaluations of relevant indicators
  - Consideration of exceptional circumstances invoke meta-rules—a set of guardrails when a simulation-tested HCR appears to be straying from expectations
- ★ Recommendations:
  - **The Teams recommended that a Joint Team meeting be conducted in early 2026 (January) to review and recommend alternative frameworks for when different HCRs could be triggered.**



## Halibut DMRs

- Michael Fey provided a presentation on halibut DMRs.
  - Observer estimate methodology was same as last year.

The Teams recommended the 2026 and 2027 halibut DMRs as presented by the Halibut DMR Working Group, to be included in the proposed specifications.



# Thanks!



## Groundfish Plan Team Contacts:

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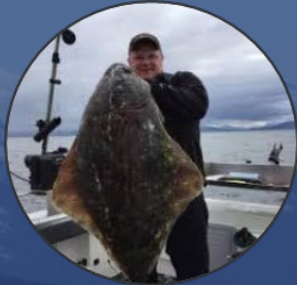
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# C5 Gulf of Alaska Groundfish September 2025 Plan Team Report

Jim Ianelli (AFSC), Chris Lunsford (AFSC), Sara Cleaver (NPFMC)



October 2025  
Presentation to the SSC



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# GOA Presentation summary

Topic	Presenter at Plan Team	Type	Recommendations
GOA BTS survey	Zach Oyafuso	Survey Update	Suggestions
Winter Acoustic Survey, refinements	Darin Jones, David McGowan	Survey Update	No
GOA Pollock	Cole Monnahan	Full	Yes, author's
Arrowtooth, ESP	Kalei Shotwell, Grant Adams	Full	Yes, 25.0 and 25.1
Rex sole	Sandra Lowe (for C. McGilliard)	CIE Response, model updates	Yes
SW Flatfish: N/S rock sole	Meaghan Bryan	Full	Yes
Pacific ocean perch	Ben Williams	Full	Yes
REBS Assessment	Jane Sullivan	Full	Yes
Harvest Projections - DWF	Chris Lunsford	Final review	No
Proposed Specifications (including DMRs)	Abby Jahn	Proposed specs	Yes

# 2025 assessment plans: GOA stocks

Assessment Type	GOA Stocks for 2025 (Nov)
Operational full	Pollock, POP, REBS, ATF, Rex sole, SWF (N/S rock sole)
Operational update	Pacific cod, Other rockfish, Shortraker, Skates, Atka mackerel, Octopus
Harvest Projections (reviewed in Sept/Oct)	Deepwater flatfish
Catch Reports	Dusky rockfish Northern rockfish Thornyhead rockfish Demersal shelf rockfish Flathead sole Sharks

# AFSC's Gulf of Alaska bottom trawl survey

## F/V Alaska Provider

2013-2016, 2021-Present

8 yrs experience



New stratified random survey as of 2025

N stations  $\propto$  stratum area, abundance, and inverse variance of 15 representative species

## F/V Ocean Explorer

2010-2012, 2017-present

10 yrs experience



# GOA bottom trawl survey

Species or complex	Biomass in 2023 (mt)	Biomass in 2025 (mt)	Percent change
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## Roundfishes

walleye pollock	918,846	1,213,755	+32.1
Pacific cod	222,473	309,761	+39.2
sablefish	194,026	152,655	-21.3
Atka mackerel	76,627	89,117	+16.3

## Sharks

Sharks complex	67,601	89,624	+32.6
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# GOA bottom trawl survey

Species or complex	Biomass in 2023 (mt)	Biomass in 2025 (mt)	Percent change
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## Flatfishes

arrowtooth flounder	1,184,806	1,442,691	+21.8
Pacific halibut	432,709	297,182	-31.3
flathead sole	139,969	202,537	+44.7
Southern rock sole	114,397	153,181	+33.9
Deepwater flatfish complex	48,444	64,282	+32.7
Northern rock sole	26,310	30,929	+17.6

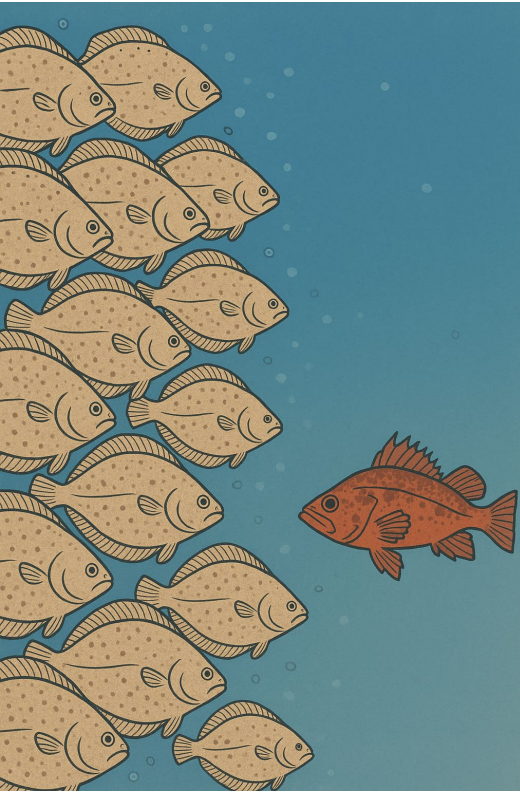
# GOA bottom trawl survey

Species or complex	Biomass in 2023 (mt)	Biomass in 2025 (mt)	Percent change
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## Rockfishes

Pacific ocean perch	1,537,683	824,335	-46.4
Other rockfish complex	110,351	123,133	+11.6
dusky rockfish	73,492	45,913	-37.5
Rougheye - blackspotted rockfish group	30,968	30,269	-2.3
northern rockfish	31,748	19,653	-38.1
rougheye rockfish	23,337	18,647	-20.1
Demersal shelf rockfish complex	19,013	8,891	-53.2

# GO A AFSC's bottom-trawl survey comments



## Team noted

- ★ Total stations dropped (431 stations, 17% fewer)
- ★ Shifts in species groups (~~rockfish~~ down, flatfish and roundfish up)
  - Suggestion to see if similar shifts occurred in other years
- ★ Commended survey group in completing coverage given shortages and operational difficulties



# Thanks to AFSC's RACE Division+

## Groundfish assessment program

Christina Conrath  
Alexandra Dowlin  
Sarah Friedman  
Zack Oyafuso  
Pearl Rojas  
Bethany Riggle  
Sean Rooney  
Megsie Siple  
Bianca Prohaska  
Joanna Wagner  
Susanne McDermott  
Ned Laman  
Rick Hibpshman  
KC Dill  
Kaitlyn Osborne

## FTE Volunteers

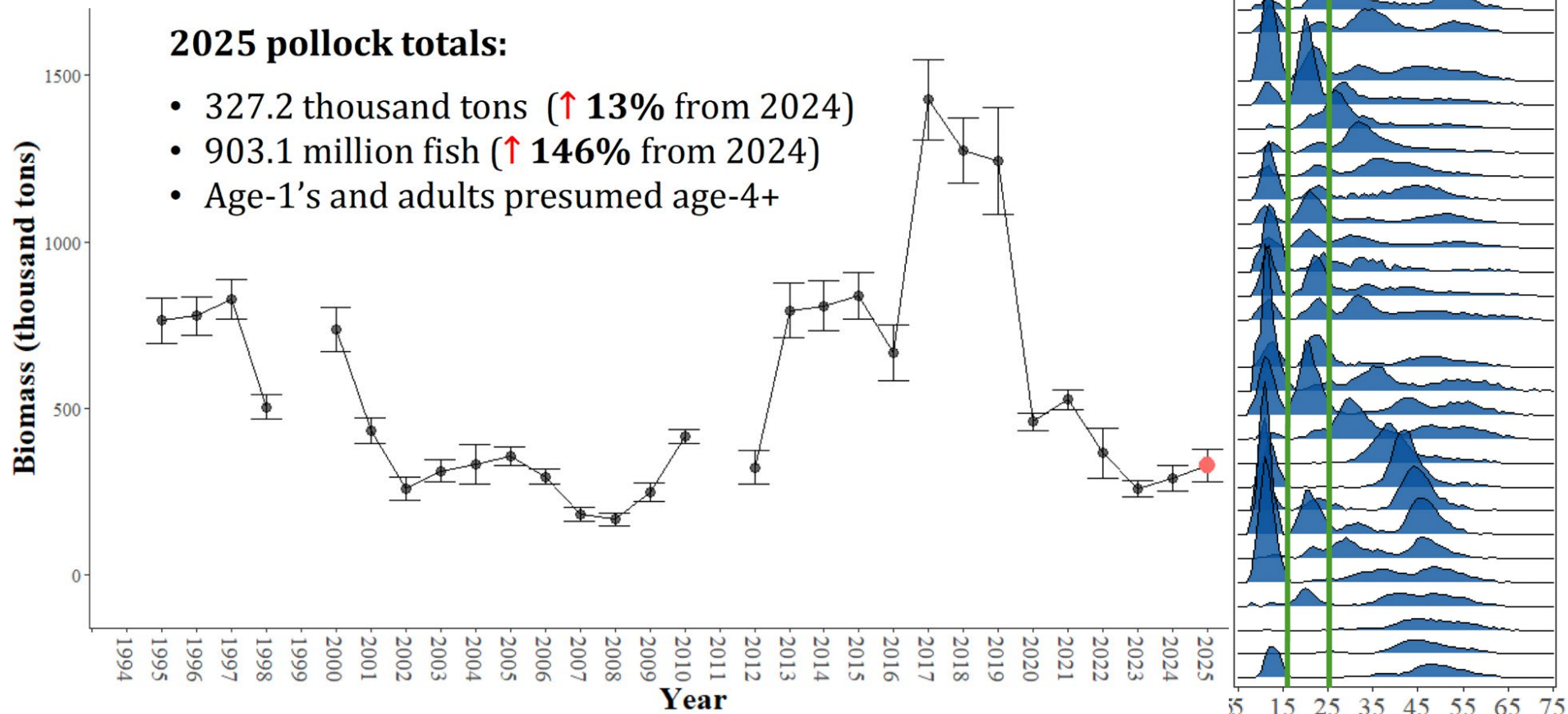
Mary Beth Rew Hicks  
David McGowan  
Mike Levine  
Derke Snodgrass (SEFSC)  
John Brogan  
Kim Ledger  
Katie D'Amelio  
Jon Short



# Shelikof Strait winter survey, GOA Pollock

## 2025 pollock totals:

- 327.2 thousand tons (↑ 13% from 2024)
- 903.1 million fish (↑ 146% from 2024)
- Age-1's and adults presumed age-4+



# GOA Harvest Projections: Reviewed in Sept instead of November meeting

1) GOA deepwater flatfish- Carey McGilliard

Thanks to Chris Lunsford (presentation) & authors



# GOA Deepwater flatfish (Dover sole, Tier 3a)

Not overfishing, overfished nor approaching overfished

- Fishery Trends: catch remains low
  - 80 t as of September 5, 2025
- Survey Trends (as of Sept. 2025):
  - 2023 biomass similar to 2021
  - Preliminary indications of 2025 survey biomass show an increase (33%) in Dover sole biomass
- Last full/update assessment 2023, next 2027
- ABC: 6,836 t, OFL: 8,118 t
  - No reduction or change from maxABC

Species	Quantity	As estimated or specified last year for:		As estimated or recommended this year for:	
		2025	2026	2026	2027
Dover sole	$M$ (natural mortality rate)	0.129(f), 0.128(m)	0.129(f), 0.128(m)	0.129(f), 0.128(m)	0.129(f), 0.128(m)
	Tier	3a	3a	3a	3a
	Projected total (3+) biomass (t)	84,026	81,999	82,048	80,044
	Projected Female spawning biomass (t)	24,399	23,960	23,964	23,616
	$B_{2025}$	15,968	15,968	15,968	15,968
	$B_{2026}$	6,387	6,387	6,387	6,387
	$B_{2027}$	5,589	5,589	5,589	5,589
	$F_{OFL}$	0.15	0.15	0.15	0.15
	$max F_{OFL}$	0.12	0.12	0.12	0.12
	$F_{OFL}$	0.12	0.12	0.12	0.12
	OFL (t)	8,139	7,990	7,994	7,830
Greenland turbot	maxABC (t)	6,865	6,739	6,743	6,604
	ABC (t)	6,865	6,739	6,743	6,604
	Tier	6	6	6	6
Kamchatka flounder	OFL (t)	49	49	49	49
	maxABC (t)	37	37	37	37
	ABC (t)	37	37	37	37
Deepsea sole	Tier	6	6	6	6
	OFL (t)	69	69	69	69
	maxABC (t)	52	52	52	52
Deepwater Flatfish Complex	ABC (t)	52	52	52	52
	Tier	6	6	6	6
	OFL (t)	6	6	6	6
Deepwater Flatfish Complex	maxABC (t)	4	4	4	4
	ABC (t)	4	4	4	4
	Tier	6	6	6	6
Deepwater Flatfish Complex	OFL (t)	8,265	8,114	8,118	7,954
	maxABC (t)	6,958	6,832	6,836	6,697
	ABC (t)	6,958	6,832	6,836	6,697
Deepwater Flatfish Complex	Status	As determined last year for:		As determined this year for:	
		2023	2024	2024	2025
	Overfishing	no	n/a	no	n/a
Deepwater Flatfish Complex	Overfished	n/a	no	n/a	no

Thanks to Carey McGilliard

# GOA Deepwater flatfish (Dover sole, Tier 3a)

Not overfishing, overfished nor approaching overfished

- Survey-informed apportionments for the 2026, 2027 ABCs
  - No change in area apportionment percentages since last full assessment (2023)

Species	Year	Western	Central	West Yakutat	Southeast	ABC
		2.6260%	37.5485%	26.6279%	33.1976%	100.0%
Dover Sole	2026	177	2,532	1,796	2,238	6,743
	2027	173	2,480	1,759	2,192	6,604
		100.0%	0.0%	0.0%	0.0%	100.0%
Greenland Turbot	2026	37	0	0	0	37
	2027	37	0	0	0	37
		32.1%	67.9%			100.0%
Kamchatka Flounder	2026	17	35	0	0	52
	2027	17	35	0	0	52
		0.0%	74.9%	11.2%	13.9%	100.0%
Deepsea Sole	2026	0	3	0	1	4
	2027	0	3	0	1	4
Deepwater Flatfish	2026	231	2,570	1,796	2,240	6,836
	2027	227	2,518	1,759	2,193	6,697

Thanks to Carey McGilliard

# GOA Deepwater flatfish- Harvest Projection (PT Recommendations)

The Team recommended:

- Authors' OFLs and ABCs as shown in the documents
- Author's edit final November documents in response to the Council's new terminology regarding "biologically-informed recommended distribution" versus subarea apportionment of ABC

Thanks to Chris Lunsford (presentation) & authors



# GOA Harvest specifications, highlights

- Shortraker rockfish catch in 2025 exceeded the CGOA TAC
  - Could hit the Gulf-wide ABC
  - In November authors will provide update assessment, apportionment changes, surveys down.
  - **Flagged for Council**



## AP/ COUNCIL ACTION

### GOA Groundfish Proposed 2026/2027 Harvest Specifications

- 1) Review Plan Team report
- 2) Recommend GOA groundfish proposed harvest limits for 2026/2027 (OFL/ABC/TAC) - Table 1
  - a) Account for state water fisheries: Pacific cod TAC adjustment (Table 2), pollock in Table 1, Octopus\*
  - b) Prohibited species catch limit apportionments (Tables 9-11)
  - c) Halibut discard mortality rates (Table 12)



# GOA Groundfish Proposed Harvest Specifications- PT Recs Table 1 (1 of 3)

Species	Area	2025			Catch 9/15/2025	Plan Team Recommended 2026/2027	
		OFL	ABC	TAC		OFL	ABC
Pollock	State GHL	n/a	4,526		4,226	n/a	3,326
	W (610)	n/a	37,344	37,344	9,300	n/a	27,453
	C (620)	n/a	82,265	82,265	63,338	n/a	60,477
	C (630)	n/a	51,605	51,605	19,632	n/a	37,963
	WYAK	n/a	5,282	5,282	1,861	n/a	3,883
	Subtotal	210,111	181,022	176,496	98,357	153,971	133,075
	SEO	12,998	9,749	9,749	2	12,998	9,749
	Total	223,109	190,771	186,245	98,359	166,969	142,824
Pacific Cod	W	n/a	8,710	6,097	3,882	n/a	8,182
	C	n/a	20,506	15,379	11,065	n/a	19,263
	E	n/a	2,925	2,194	515	n/a	2,748
	Total	38,688	32,141	23,670	15,462	36,459	30,193
Sablefish	W	n/a	4,996	4,746	2,268	n/a	4,687
	C	n/a	10,257	9,744	6,105	n/a	9,622
	WYAK	n/a	3,125	2,686	1,904	n/a	2,652
	SEO	n/a	5,660	5,660	3,863	n/a	5,589
	GOA Total	n/a	24,038	22,836	14,140	n/a	22,550
	Alaska-wide OFL and ABC	AK Total	58,532	50,111	n/a	57,797	47,008
Shallow-Water Flatfish	W	n/a	23,755	13,250	100	n/a	23,902
	C	n/a	28,279	28,279	1,526	n/a	28,455
	WYAK	n/a	2,828	2,828	25	n/a	2,846
	SEO	n/a	1,697	1,697	-	n/a	1,707
	Total	69,277	56,559	46,054	1,651	69,610	56,910



# GOA Groundfish Proposed Harvest Specifications- PT Recs Table 1 (2 of 3)

Species	Area	2025			Catch 9/15/2025	Plan Team Recommended 2026/2027	
		OFL	ABC	TAC		OFL	ABC
Deep-Water Flatfish	W	n/a	234	234	1	n/a	231
	C	n/a	2,616	2,616	72	n/a	2,568
	WYAK	n/a	1,828	1,828	5	n/a	1,795
	SEO	n/a	2,280	2,280	4	n/a	2,238
	Total	8,263	6,958	6,958	82	8,114	6,832
Rex Sole	W	n/a	3,382	3,382	12	n/a	3,353
	C	n/a	13,698	13,698	454	n/a	13,582
	WYAK	n/a	1,436	1,436	-	n/a	1,413
	SEO	n/a	2,871	2,871	-	n/a	2,825
	Total	26,002	21,387	21,387	466	25,743	21,173
Arrowtooth Flounder	W	n/a	33,593	14,500	126	n/a	33,716
	C	n/a	68,261	68,261	10,539	n/a	68,511
	WYAK	n/a	6,695	6,695	19	n/a	6,719
	SEO	n/a	10,998	10,998	25	n/a	11,039
	Total	142,832	119,547	100,454	10,709	143,347	119,985
Flathead Sole	W	n/a	13,592	8,650	45	n/a	13,757
	C	n/a	21,817	21,817	694	n/a	22,083
	WYAK	n/a	3,970	3,970	-	n/a	4,018
	SEO	n/a	2,097	2,097	-	n/a	2,122
	Total	50,587	41,476	36,534	739	51,176	41,980



# GOA Halibut Discard Mortality Rates (DMRs)

Area	Gear	Operation	2025 DMRs (specified)	2026/27 DMRs (recommended)
GOA	Pot	All	32% <sup>b</sup>	29% <sup>b</sup>
	Hook-and-line	CP	10%	12%
	Hook-and-line	CV	19% <sup>c</sup>	15% <sup>c</sup>
	Non-pelagic trawl	Mothership / CP	76%	79%
	Non-pelagic trawl	CV	74%	62%
	Non-pelagic trawl	CV-Rockfish Prog	56% <sup>b</sup>	53% <sup>b</sup>
All	Pelagic trawl	All	100%*	100%*

Thanks to Michael Fey (AKFIN) and other Halibut DMR Working Group members: Jen Cahalan (PSMFC), Jennifer Ferdinand (NMFS AFSC), Krista Melani (NMFS AKRO), Jason Gasper (NMFS AKRO), Ian Stewart (IPHC)



# C5 Bering Sea Aleutian Islands Groundfish September Plan Team Report

Steve Barbeaux, Kalei Shotwell, Diana Stram, Cindy Tribuzi



October 2025, Presentation to the SSC



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# BSAI Presentation Summary

Topic	Presenter	Type	Recommendations
EBS Bottom Trawl Survey	Duane Stevenson	Survey Update	No
EBS Pollock	Jim Ianelli	Full Model	Yes, data refinement
BSAI Skates	Cindy Tribuzio	Full Model	Yes, 4 models
Greenland Turbot	Meaghan Bryan	Full Model	Yes, 4 models
Yellowfin Sole	Ingrid Spies and Meaghan Bryan	Full Model	Yes, 2 models
BSAI Northern Rockfish	Paul Spencer	Full Model	Yes, 2 models
BSAI Atka Mackerel ESP	Jane Sullivan	Full ESP Draft	Yes, see in September
Catch Report	All Authors	Not Applicable	No
Proposed Specifications	Steve Whitney		

# BSAI Documentation Summary

Assessment	BSAI stocks for 2025 (November)
Operational Full	EBS Pollock, Yellowfin Sole, Greenland Turbot, Northern Rockfish, BSAI Skates
Operational Update	Pacific cod (Eastern Bering Sea and Aleutian Islands (AI))
Harvest Projection (reviewed in Sept/Oct)	None this year
Catch Report	Pollock (AI), Pollock (Bogoslof), Arrowtooth flounder, Kamchatka flounder, Northern rock sole, Flathead sole, Alaska plaice, Other flatfish, Pacific ocean perch, Rougheye & blackspotted rockfish, Shortraker rockfish, Other rockfish, Atka mackerel, Sharks, Octopus

# Eastern Bering Sea Trawl Survey

- EBS 350/350, NBS 137/144 stations sampled (no NBS pres)
- 124,170 lengths, 6,532 otoliths, 4,408 stomachs collected
- Water temps slightly warmer than 2024, cold pool area smaller, no CTD or O2 data
- Biomass similar to last year for most fish species, lots of small Pacific cod

Common name	Year	Biomass (mt)	Population (x1,000)
walleye pollock	2024	5,476,067	10,307,932
	2025	3,825,362 (-30%)	6,575,619 (-36%)
Pacific cod	2024	635,840	436,530
	2025	570,986 (-10%)	516,669 (18%)
yellowfin sole	2024	1,503,618	5,643,105
	2025	1,548,142 (3%)	5,772,913 (2%)
northern rock sole	2024	1,439,739	7,417,950
	2025	1,490,955 (4%)	7,807,291 (5%)
flathead sole	2024	723,996	2,311,092
	2025	714,106 (-1%)	2,278,779 (-1%)
Bering flounder	2024	10,370	48,918
	2025	12,315 (19%)	72,799 (49%)
Alaska plaice	2024	349,579	634,036
	2025	333,810 (-5%)	586,292 (-8%)
arrowtooth flounder	2024	582,469	926,415
	2025	491,918 (-16%)	669,870 (-28%)
Kamchatka flounder	2024	28,362	69,129
	2025	33,231 (17%)	73,058 (6%)
Pacific halibut	2024	125,145	65,136
	2025	133,705 (7%)	80,524 (24%)
Alaska skate	2024	407,133	102,931
	2025	399,887 (-2%)	113,374 (10%)
Pacific ocean perch	2024	50,664	71,612
	2025	11,741 (-77%)	12,420 (-83%)

Thanks to Duane Stevenson

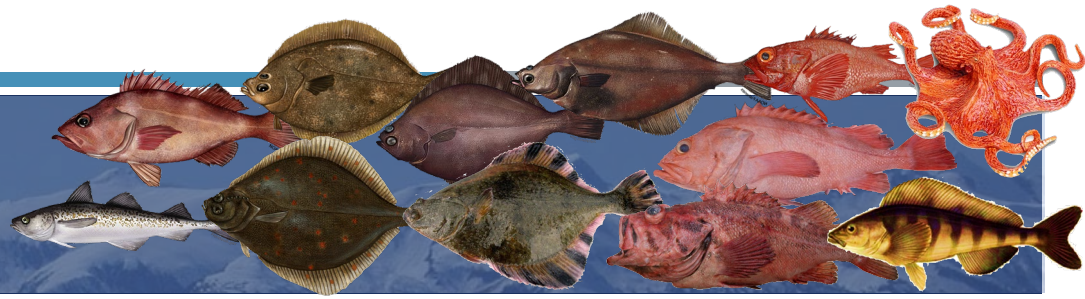
# Catch Report Table

(stocks without 2025 assessment)



Stock	Catch (as of 9/14/25)	EBS Shelf Survey Biomass (t)	Biomass Relative to Last Year
AI Pollock*	4,125	NA	NA
Bogoslof Pollock*	334	NA	NA
Arrowtooth Flounder	7,495	491,918	-16%
Kamchatka Flounder	4,297	33,231	17%
Northern Rock Sole	28,543	1,490,955	4%
Flathead Sole	6,665	714,106	-1%
Alaska Plaice	6,206	333,810	-5%
Other Flatfish	5,113	NA	NA
Pacific Ocean Perch*	24,465	NA	NA
Blackspotted/Rougheye	481	NA	NA
Shortraker*	216	NA	NA
Other Rockfish	819	NA	NA
Atka Mackerel*	70,909	NA	NA
Sharks*	154	NA	NA
Octopus*	280	NA	NA

# Catch Report



- No catches above OFL
- Two stocks above TAC, well below ABC
- 2025 survey biomass estimates of the EBS shelf are similar to last year's estimates
- Please see [full assessments](#) for more details

Thanks to all Authors of catch reports!!!



# Proposed Specifications Team recommendedf(2)

Table 1. Plan Team Proposed recommended OFL, ABC for Groundfish in the Bering Sea and Aleutian Islands (metric tons) for 2026-2027

9/14/2025

Species	Area	2024				2025				Plan Team Proposed 2026/2027		
		OFL	ABC	TAC	Catch as of 12/31/2024	OFL	ABC	TAC	Catch as of 9/14/2025	OFL	ABC	TAC
Pollock	EBS	3,162,000	2,313,000	1,313,580	1,311,261	2,957,000	2,417,000	1,389,000	1,216,540	2,496,000	2,036,000	
	AI	51,516	42,654	5,420	4,999	55,728	46,051	5,000	4,125	56,231	46,437	
	Bogoslof	115,146	86,360	250	23	77,354	58,015	250	334	77,354	58,015	
Pacific cod	BS	200,995	167,952	147,753	142,783	183,509	153,617	133,602	117,149	169,243	141,520	
	AI	18,416	12,431	8,080	4,169	16,782	13,376	8,694	3,355	16,273	12,973	
Sablefish	BSAI/GOA	55,084	47,146	n/a	6,333	58,532	47,605	n/a	3,957	57,797	47,008	
	BS	n/a	11,450	7,996	4,591	n/a	13,203	8,496	3,055	n/a	13,037	
	AI	n/a	13,100	8,440	1,742	n/a	11,566	7,940	902	n/a	11,421	
Yellowfin sole	BSAI	305,298	265,913	195,000	91,192	299,247	262,557	152,000	58,785	305,039	267,639	
Greenland turbot	BSAI	3,705	3,188	3,188	768	2,598	1,678	1,678	561	2,059	1,328	
	BS	n/a	2,687	2,687	462	n/a	1,415	1,415	381	n/a	1,120	
	AI	n/a	501	501	305	n/a	263	263	180	n/a	208	
Arrowtooth flounder	BSAI	103,280	87,690	14,000	10,660	104,428	88,683	14,000	7,495	102,472	87,035	
Kamchatka flounder	BSAI	8,850	7,498	7,498	5,172	8,019	6,800	6,800	4,297	7,790	6,606	
Northern rock sole	BSAI	197,828	122,091	66,000	29,855	165,444	157,487	67,000	28,543	166,220	158,225	
Flathead sole	BSAI	81,605	67,289	35,500	13,176	101,621	83,807	27,000	6,665	106,283	87,700	
Alaska plaice	BSAI	42,695	35,494	21,752	10,399	34,576	28,745	15,903	6,206	33,965	28,230	
Other flatfish	BSAI	22,919	17,189	4,500	3,197	26,083	19,562	4,500	5,113	26,083	19,562	



# Proposed Specifications Team recommended (2 of

<b>Pacific Ocean perch</b>	BSAI	49,010	41,096	37,626	37,095	44,594	37,375	33,458	24,465	43,084	36,578
	BS	n/a	11,636	11,636	11,746	n/a	10,121	10,121	7,315	n/a	9,905
	EAI	n/a	7,969	7,969	7,792	n/a	6,278	6,278	3,305	n/a	6,144
	CAI	n/a	5,521	5,521	5,250	n/a	5,559	5,559	3,453	n/a	5,441
	WAI	n/a	15,970	12,500	12,308	n/a	15,417	11,500	10,391	n/a	16,058
<b>Northern rockfish</b>	BSAI	23,556	19,274	16,752	8,809	22,848	18,694	12,000	7,093	22,284	18,232
<b>Blackspotted/Rougheye Rockfish</b>	BSAI	761	569	569	639	838	706	706	481	902	766
	EBS/EAI	n/a	388	388	201	n/a	408	408	169	n/a	441
	CAI/WAI	n/a	181	181	439	n/a	298	298	312	n/a	325
<b>Shortraker rockfish</b>	BSAI	706	530	530	177	631	473	473	216	631	473
<b>Other rockfish</b>	BSAI	1,680	1,260	1,260	1,361	1,406	1,054	1,054	819	1,406	1,054
	BS	n/a	880	880	788	n/a	639	639	403	n/a	639
	AI	n/a	380	380	573	n/a	415	415	416	n/a	415
<b>Atka mackerel</b>	BSAI	111,684	95,358	72,987	72,172	122,622	103,247	82,000	70,909	107,889	92,361
	EAI/BS	n/a	41,723	32,260	31,764	n/a	46,650	39,000	33,231	n/a	41,731
	CAI	n/a	16,754	16,754	16,654	n/a	26,511	24,443	20,669	n/a	23,716
	WAI	n/a	36,882	23,973	23,754	n/a	30,087	18,557	17,009	n/a	26,914
<b>Skates</b>	BSAI	45,574	37,808	30,519	27,146	44,086	36,523	27,646	16,608	43,285	35,833
<b>Sharks</b>	BSAI	689	450	400	174	689	450	400	154	689	450
<b>Octopuses</b>	BSAI	6,080	4,560	400	246	6,080	4,560	400	280	6,080	4,560
<b>Total</b>	BSAI	4,609,077	3,476,801	2,000,000	1,781,805	4,334,715	3,588,066	2,000,000	1,584,149	3,849,059	3,189,555

Sources: 2024 OFLs, ABCs, and TACs and 2025 OFLs and ABCs are from harvest specifications adopted by the Council in December 2023 and December 2024 respectively, 2024 catches through December 31, and 2025 catches through September 14, 2025 from AKR Catch Accounting.

# BSAI Halibut Discard Mortality Rates (DMRs)

Area	Gear	Operation	2025 DMRs (specified)	2026/27 DMRs (recommended)
BSAI	Pot	All	21% <sup>b</sup>	19% <sup>b</sup>
	Hook-and-line	CP	9%	10%
	Hook-and-line	CV	9% <sup>a</sup>	10% <sup>a</sup>
	Non-pelagic trawl	Mothership / CP	86%	86%
	Non-pelagic trawl	CV	67%	62%
All	Pelagic trawl	All	100% <sup>a</sup>	100% <sup>a</sup>

Thanks to Michael Fey (AKFIN) and other Halibut DMR Working Group members: Jen Cahalan (PSMFC), Jennifer Ferdinand (NMFS AFSC), Krista Melani (NMFS AKRO), Jason Gasper (NMFS AKRO), Ian Stewart (IPHC)

# Actions for the AP on BSAI proposed specifications

- Adopt proposed OFLs, ABCs and TACs for 2026-2027
- Adopt proposed flatfish ABC reserves
- In considering TACs: account for State waters fisheries for Pacific cod and sablefish
- Adopt proposed PSC limits and apportionments
  - Crab biomass estimates not yet updated
  - Herring biomass estimate not available until December
  - Letter from ADFG on Chinook 3 River Index
  - No information as yet on IPHC or NMFS survey biomass estimates for A80 halibut PSC limit
- Adopt halibut DMRs for 2026-2027



# Thank You!



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