

Harvest Projection Assessments

BSAI Groundfish Plan Team



September, 2026

Northern rock sole - McGilliard
AI Pollock - Barbeaux
Kamchatka flounder - Bryan
Northern rockfish - Spencer
Alaska plaice - Cronin-Fine
Arrowtooth flounder - Shotwell
Flathead sole - Cronin-Fine

BSAI northern rock sole (Tier I)

Not overfishing, overfished or approaching overfished

- Fishery Trends: catch increasing
 - 29,151 t so far in 2026, larger than in recent years
- Survey Trends: moderate increases since 2021,
 - last survey 2026, next 2027
- Last full/update assessment 2024, next 2027
- 2027 spawning biomass 344,634 t
- ABC: 152,865 t, OFL: 160,588 t
 - No reduction from maxABC

Quantity	As estimated or <i>specified in 2024 for:</i>		As estimated or <i>recommended this year for:</i>	
	2025	2026	2027	2028
M (natural mortality rate)	0.19(f), 0.23(m)	0.19(f), 0.23(m)	0.19(f), 0.23(m)	0.19(f), 0.23(m)
Tier	1a	1a	1a	1a
Projected total (age 6+) biomass (t)	881,154	885,284	855,290	861,606
Projected Female spawning biomass (t)	301,051	330,774	344,634	357,753
B_0	516,007	516,007	516,007	516,007
B_{MSY}	183,756	183,756	183,756	183,756
F_{OFL}	0.188	0.188	0.188	0.188
$maxF_{ABC}$	0.179	0.179	0.179	0.179
F_{ABC}	0.179	0.179	0.179	0.179
OFL (t)	165,444	166,220	160,588	161,774
maxABC (t)	157,487	158,225	152,865	153,993
ABC (t)	157,487	158,225	152,865	153,993
Status	As determined in 2024 for:		As determined <i>this</i> year for:	
	2022	2023	2025	2026
Overfishing	no	n/a	no	n/a
Overfished	n/a	no	n/a	no
Approaching overfished	n/a	no	n/a	no

Thanks to Carey McGilliard

Aleutian Islands Walleye Pollock (Tier 3a)

Not overfishing, overfished or approaching overfished

- Fishery Trends: Catch continues to be very low
 - No directed fishery in 2026 as of August 8
- Survey Trends: Increasing trend in east
 - Last survey 2026: Not yet available
- Last full/update assessment 2024, next 2027
- 2026 spawning biomass 210,795, trend decreasing
- ABC: 48,763 t, OFL: 59,090 t
 - No reduction in ABC

Quantity	As estimated or specified last assessment for:		As estimated or recommended this year for:	
	2024	2025	2027	2028
<i>M</i> (natural mortality rate)	0.21		0.21	
Tier	3a		3a	
Total (age 1+) biomass (t)	288,407	305,528	331,314	356,554
Female spawning biomass (t)				
Projected	82,781	80,639	89,494	96,056
<i>B</i> _{100%}	182,006		182,006	
<i>B</i> _{40%}	78,802		78,802	
<i>B</i> _{35%}	63,702		63,702	
<i>F</i> _{OFL} **	0.406	0.406	0.406	0.406
<i>maxF</i> _{ABC}	0.325	0.325	0.325	0.325
<i>F</i> _{ABC}	0.325	0.325	0.325	0.325
OFL (t)	55,728	56,231	59,090	62,952
<i>maxABC</i> (t)	46,051	46,437	48,763	51,917
ABC (t)	46,051	46,437	48,763	51,917
As determined this year for:				
Status	2023	2024	2025	2026
Overfishing	no	n/a	no	n/a
Overfished	n/a	no	n/a	no
Approaching overfished	n/a	no	n/a	no

* Projection based on estimated catches of 2,820 t for 2026 and 4,424 t for 2027, the three-year average (2023-2025), used in place of maximum permissible ABC.

** Long-term equilibrium *F*_{OFL} and *F*_{ABC} were 0.406 and 0.325, respectively.

Thanks to Steve Barbeaux

Bering Sea and Aleutian Islands Kamchatka flounder (Tier 3a)

Not overfishing, overfished or approaching overfished

- Fishery Trends: Catch has been declining since 2022
- Survey Trends: AI index variable, but relatively flat
- Last full assessment 2024, next 2027
- 2026 spawning biomass 45,007 t, declining trend
- ABC: 6,770 t, OFL: 7,988 t
 - No reduction in ABC

	Tier 3 assessment model			
	As specified in 2024 for		As estimated this year for	
Quantity	2025	2026	2027	2028
<i>M</i> (natural mortality rate)	0.11	0.11	0.11	0.11
Tier	3a	3a	3a	3a
Projected total (age 2+) biomass (t)	106,850	104,888	106,999	104,409
Projected female spawning biomass	44,883	44,051	45,980	44,165
Projected				
<i>B</i> _{100%}	85,751	85,751	86,541	86,541
<i>B</i> _{40%}	34,300	34,300	34,616	34,616
<i>B</i> _{35%}	30,013	30,013	30,289	30,289
<i>F</i> _{OFL}	0.101	0.101	0.101	0.101
<i>max F</i>_{ABC}	0.085	0.085	0.085	0.085
<i>F</i> _{ABC}	0.085	0.085	0.085	0.085
OFL (t)	8,019	7,790	7,988	7,630
max ABC (t)	6,800	6,606	6,770	6,466
ABC (t)	6,800	6,606	6,770	6,466
	As determined last year for:		As determined this year for:	
Status	2023	2024	2025	2026
Overfishing	no	n/a	no	n/a
Overfished	n/a	no	n/a	no
Approaching overfished	n/a	no	n/a	no

Bering Sea and Aleutian Islands Northern Rockfish (Tier 3a)

Not overfishing, overfished or approaching overfished

- Fishery Trends: Catch has been increasing since 2014, but declined from 2023-2025
- Survey Trends: AI index variable but relatively flat since 2014
- Last full assessment 2023, next 2027
- 2026 spawning biomass 121,533 t, declining trend
- ABC: 17,784 t, OFL: 21,739 t
 - No reduction in ABC

Quantity	As estimated or specified in 2024 for:		As estimated or recommended this year for:	
	2025	2026	2027*	2028*
<i>M</i> (natural mortality rate)	0.052	0.052	0.052	0.052
Tier	3a	3a	3a	3a
Projected total (age 3+) biomass (t)	292,807	289,639	285,933	284,291
Female spawning biomass (t)				
Projected	124,767	122,075	119,465	118,171
<i>B</i> _{100%}	187,268	187,268	187,268	187,268
<i>B</i> _{40%}	74,907	74,907	74,907	74,907
<i>B</i> _{35%}	65,544	65,544	65,544	65,544
<i>F</i> _{OFL}	0.086	0.086	0.086	0.086
<i>maxF</i> _{ABC}	0.070	0.070	0.070	0.070
<i>F</i> _{ABC}	0.070	0.070	0.070	0.070
OFL (t)	22,848	22,284	21,739	21,463
maxABC (t)	18,694	18,232	17,784	17,558
ABC (t)	18,694	18,232	17,784	17,558
Status	As determined in 2024 for:		As determined this year for:	
	2023	2024	2025	2026
Overfishing	No	n/a	No	n/a
Overfished	n/a	No	n/a	No
Approaching overfished	n/a	No	n/a	No

*Projections are based on estimated catches of 7,416 t and 7,320 t used in place of maximum permissible ABC for 2027 and 2028.

BSAI Alaska Plaice (Tier 3a)

Not overfishing, overfished or approaching overfished

- Fishery Trends: catch around the same level as past couple of years
- Survey Trends: Index is stable yet low
 - last survey 2025, next 2026
- Last full/update assessment 2024, next 2028
- 2026 spawning biomass 176,245 t trend increasing
- ABC: 33,021 t, OFL: 39,724 t
 - Increase in maxABC due to 2024 assessment model predicting high recruitment from 2016-2019

Quantity	As estimated or <i>specified</i> <i>last year for:</i>		As estimated or <i>recommended this year</i> <i>for:</i>	
	2025	2026	2027	2028
M (natural mortality rate)	0.13	0.13	0.13	0.13
Tier	3a	3a	3a	3a
Projected total (3+) biomass (t)	406,051	402,028	441,105	428,560
Female spawning biomass (t)	150,892	148,177	176,245	173,932
$B_{100\%}$	296,407	296,407	296,407	296,407
$B_{40\%}$	118,563	118,563	118,563	118,563
$B_{35\%}$	103,743	103,743	103,743	103,743
F_{OFL}	0.17	0.17	0.17	0.17
$maxF_{ABC}$	0.14	0.14	0.14	0.14
F_{ABC}	0.14	0.14	0.14	0.14
OFL (t)	34,576	33,965	39,724	38,264
maxABC (t)	28,745	28,230	33,021	32,522
ABC (t)	28,745	28,230	33,021	32,522
Status	As determined <i>last year</i> <i>for:</i>		As determined <i>this year</i> <i>for:</i>	
	2023	2024	2025	2026
Overfishing	No	n/a	No	n/a
Overfished	n/a	No	n/a	No
Approaching overfished	n/a	No	n/a	No

Bering Sea and Aleutian Islands Arrowtooth flounder (Tier 3a)

Not overfishing, overfished or approaching overfished

- Fishery Trends: Catch lowest in time series for BS, ½ last year
- Survey Trends: EBS and AI index variable, near average
- Last full assessment 2022, next full 2027, Rceattle bridge & ESP
- 2027 spawning biomass 547,080 t, trend increasing
- ABC: 83,787 t, OFL: 98,654 t
 - No reduction in ABC

Quantity/Status	As estimated or specified in 2024 for:		As estimated or recommended this year for:	
	2025	2026	2027*	2028*
M (natural mortality – female, male)	0.2, 0.35	0.2, 0.35	0.2, 0.35	0.2, 0.35
Tier	3a	3a	3a	3a
Projected total (age 1+) biomass (t)	908,977	898,546	891,053	882,551
Projected female spawning biomass (t)	560,110	572,274	571,080	557,123
B _{100%}	561,219	561,219	561,219	561,219
B _{40%}	224,487	224,487	224,487	224,487
B _{35%}	196,427	196,427	196,427	196,427
F _{OFL}	0.174	0.174	0.174	0.174
maxF _{ABC}	0.146	0.146	0.146	0.146
F _{ABC}	0.146	0.146	0.146	0.146
OFL (t)	104,428	102,472	98,654	95,130
maxABC (t)	88,683	87,035	83,787	80,779
ABC (t)	88,683	87,035	83,787	80,779
Status	As determined in 2024 for:		As determined <i>this</i> year for:	
	2022	2023	2025	2026
Overfishing	No	n/a	No	n/a
Overfished	n/a	No	n/a	No
Approaching overfished	n/a	No	n/a	No

BSAI Flathead Sole (Tier 3a)

Not overfishing, overfished or approaching overfished

- Fishery Trends: catch oscillates from low to high for past couple of years with high catch expected this year
- Survey Trends: Index is stable at a high level
 - last survey 2025, next 2026
- Last full/update assessment 2024, next 2028
- 2026 spawning biomass 228,254 t trend increasing
- ABC: 108,596 t, OFL: 89,655 t
 - No reduction in ABC

Quantity	As estimated or specified last year for:		As estimated or recommended this year for:	
	2025	2026	2027	2028
M (natural mortality rate)	0.2	0.2	0.20	0.20
Tier	3a	3a	3a	3a
Projected total (3+) biomass (t)	801,418	832,021	872,126	923,800
Female spawning biomass (t)	204,323	220,515	228,254	233,677
$B_{100\%}$	243,288	243,288	243,288	243,288
$B_{40\%}$	97,315	97,315	97,315	97,315
$B_{35\%}$	85,150	85,150	85,150	85,150
F_{OFL}	0.49	0.49	0.49	0.49
$maxF_{ABC}$	0.40	0.40	0.40	0.40
F_{ABC}	0.40	0.40	0.40	0.40
OFL (t)	101,621	106,283	108,596	111,401
maxABC (t)	83,807	87,700	89,655	92,006
ABC (t)	83,807	87,700	89,655	92,006
Status	As determined last year for:		As determined this year for:	
	2025	2026	2027	2028
Overfishing	No	n/a	No	n/a
Overfished	n/a	No	n/a	No
Approaching overfished	n/a	No	n/a	No