

C3 & C4 AP MOTION



C3 BSAI GROUND FISH SPECS

The AP has reviewed the 2021 Ecosystem Report for the EBS and AI. The AP greatly appreciates the work put into this report each year and, in the future, would like to receive as detailed report as the schedule will allow.

The AP recommends the Council approve the 2021 BSAI Stock Assessment and Fishery Evaluation (SAFE) Report.

The AP recommends the Council approve the final 2022 and 2023 BSAI groundfish specifications for OFLs and ABCs as recommended by the SSC, and the TACs as shown in the attached Table 1 (attached). Note that the Bering Sea and Aleutian Island Pacific Cod TACs have been adjusted for the State Water cod fisheries.

The AP recommends the Council approve Table 7A and 7B, the 2022 (Table 7A) and 2023 (Table 7B) ABC Flatfish Reserves.

The AP recommends the Council approve the 2022 and 2023 PSC limits and apportionments as assigned to their respective target fisheries as provided in Tables 8, 9, 10, and 11.

The AP recommends the Council approve the updated halibut discard mortality rates for 2022 and 2023 as shown in table 12.

Motion passed 18-1



C3 BSAI TABLE 1

Table 1. AP recommended TAC with SSC specified OFL, ABC for Groundfish in the Bering Sea/Aleutian Islands (metric tons) for 2022-2023

Species	Area	2021				Catch as of 11/6/2021	2022			2023		
		OFL	ABC	TAC	OFL		ABC	TAC	OFL	ABC	TAC	
Pollock	EBS	2,594,000	1,626,000	1,375,000	1,373,712	1,469,000	1,111,000	1,111,000	1,704,000	1,289,000	1,289,000	
	AI	61,856	51,241	19,000	1,635	61,264	50,752	19,000	61,379	50,825	19,000	
	Bogoslof	113,479	85,109	250	50	113,479	85,109	250	113,479	85,109	250	
Pacific cod	BS	147,949	123,805	111,380	105,537	183,012	153,383	136,466	180,909	151,709	133,459	
	AI	27,400	20,600	13,796	7,023	27,400	20,600	13,796	27,400	20,600	13,796	
Sablefish	BSAI/GO	60,426	29,558			40,432	34,521	11,727	42,520	36,318	14,315	
	BS	n/a	3,396	3,396	3,961		5,264	5,264		6,529	6,529	
	AI	n/a	4,717	4,717	1,425		6,463	6,463		7,786	7,786	
Yellowfin sole	BSAI	341,571	313,477	200,000	104,669	377,071	354,014	250,000	347,483	326,235	230,000	
Greenland turbot	BSAI	8,568	7,326	6,025	1,586	7,687	6,572	6,572	6,698	5,724	5,724	
	BS	n/a	6,176	5,125	1,129		5,540	5,540		4,825	4,825	
	AI	n/a	1,150	900	457		1,032	1,032		899	899	
Arrowtooth flounder	BSAI	90,873	77,349	15,000	8,286	94,445	80,389	20,000	97,944	83,389	20,000	
Kamchatka flounder	BSAI	10,630	8,982	8,982	6,561	10,903	9,214	9,214	11,115	9,393	9,393	
Northern rock sole	BSAI	145,180	140,306	54,500	13,898	214,084	206,896	66,000	280,621	271,199	55,000	
Flathead sole	BSAI	75,863	62,567	25,000	9,898	77,967	64,288	35,500	80,034	65,988	25,500	
Alaska plaice	BSAI	37,924	31,657	24,500	15,653	39,305	32,697	29,221	39,685	32,998	29,082	
Other flatfish	BSAI	22,919	17,189	6,500	2,510	22,919	17,189	10,000	22,919	17,189	10,000	
Pacific Ocean perch	BSAI	44,376	37,173	35,899	32,112	42,605	35,688	35,385	40,977	34,322	33,952	
	BS	n/a	10,782	10,782	8,679		10,352	10,352		9,956	9,956	
	EAI	n/a	8,419	8,419	7,442		8,083	8,083		7,774	7,774	
	CAI	n/a	6,198	6,198	5,885		5,950	5,950		5,722	5,722	
	WAI	n/a	11,774	10,500	10,107		11,303	11,000		10,870	10,500	
Northern rockfish	BSAI	18,917	15,557	13,000	6,045	23,420	19,217	17,000	22,594	18,538	17,000	
Blackspotted/Roughye Rockfish	BSAI	576	482	482	513	598	503	503	615	517	517	
	EBS/EAI	n/a	313	313	211		326	326		334	334	
	CAI/WAI	n/a	169	169	302		177	177		183	183	
Shortraker rockfish	BSAI	722	541	500	521	722	541	541	722	541	541	
Other rockfish	BSAI	1,751	1,313	916	900	1,751	1,313	1,144	1,751	1,313	1,313	
	BS	n/a	919	522	332		n/a	919	750	n/a	919	
	AI	n/a	394	394	568		n/a	394	394	n/a	394	
Atka mackerel	BSAI	85,580	73,590	62,257	58,571	91,870	78,510	66,481	84,440	71,990	60,958	
	EAI/BS	n/a	25,760	25,760	22,598		27,260	27,260		25,000	25,000	
	CAI	n/a	15,450	15,450	15,272		16,880	16,880		15,470	15,470	
	WAI	n/a	32,380	21,047	20,701		34,370	22,341		31,520	20,488	
Skates	BSAI	49,297	41,257	18,000	18,729	47,790	39,958	30,000	46,475	38,824	30,000	
Sharks	BSAI	689	517	200	354	689	517	500	689	517	500	
Octopuses	BSAI	4,769	3,576	700	161	4,769	3,576	700	4,769	3,576	700	
Total	BSAI	3,945,315	2,747,727	2,000,000	1,774,309	2,953,182	2,406,447	1,871,000	3,219,218	2,615,814	2,000,000	

Sources: 2021 OFLs and ABCs are from harvest specifications adopted by the Council in December 2020, 2021 catches through November 6, 2021 from AKR Catch Accounting.

C3 BSAI GROUND FISH TABLES 7A & 7B

TABLE 7A—PROPOSED 2022 ABC SURPLUS, ABC RESERVES, COMMUNITY DEVELOPMENT QUOTA (CDQ) ABC RESERVES, AND AMENDMENT 80 ABC RESERVES IN THE BSAI FOR FLATHEAD SOLE, ROCK SOLE, AND YELLOWFIN SOLE

[Amounts are in metric tons]			
Sector	Flathead sole	Rock sole	Yellowfin sole
ABC	64,288	206,896	354,014
TAC	35,500	66,000	250,000
ABC surplus	28,788	140,896	104,014
ABC reserve	28,788	140,896	104,014
CDQ ABC reserve	3,080	15,076	11,129
Amendment 80 ABC reserve	25,708	125,820	92,885

TABLE 7B—PROPOSED 2023 ABC SURPLUS, ABC RESERVES, COMMUNITY DEVELOPMENT QUOTA (CDQ) ABC RESERVES, AND AMENDMENT 80 ABC RESERVES IN THE BSAI FOR FLATHEAD SOLE, ROCK SOLE, AND YELLOWFIN SOLE

[Amounts are in metric tons]			
Sector	Flathead sole	Rock sole	Yellowfin sole
ABC	65,988	271,199	326,235
TAC	25,500	55,000	230,000
ABC surplus	40,488	216,199	96,235
ABC reserve	40,488	216,199	96,235
CDQ ABC reserve	4,332	23,133	10,297
Amendment 80 ABC reserve	36,156	193,066	85,938

C3 BSAI GROUND FISH TABLES 8 & 9

TABLE 8—PROPOSED 2022 AND 2023 APPORTIONMENT OF PROHIBITED SPECIES CATCH ALLOWANCES TO NON-TRAWL GEAR, THE CDQ PROGRAM, AMENDMENT 80, AND THE BSAI TRAWL LIMITED ACCESS SECTORS

PSC species and area ^a	Total PSC	Non-trawl PSC	CDQ PSQ reserve ^b	Trawl PSC remaining after CDQ PSQ	Amendment 80 sector ^c	BSAI trawl limited access sector	BSAI PSC limits not allocated ^d
Hallibut mortality (mt) BSAI	3,515	710	315	n/a	1,745	745	n/a
Herring (mt) BSAI	3,819	n/a	n/a	n/a	n/a	n/a	n/a
Red king crab (animals) Zone 1	32,000	n/a	3,424	28,576	14,282	8,739	5,555
<i>C. opilio</i> (animals) COBLZ	4,350,000	n/a	465,450	3,884,550	1,909,256	1,248,494	726,799
<i>C. bairdi</i> crab (animals) Zone 1	830,000	n/a	88,810	741,190	312,115	348,285	80,790
<i>C. bairdi</i> crab (animals) Zone 2	2,520,000	n/a	269,640	2,250,360	532,660	1,053,394	664,306

TABLE 9—PROPOSED 2022 AND 2023 HERRING AND RED KING CRAB SAVINGS SUBAREA PROHIBITED SPECIES CATCH ALLOWANCES FOR ALL TRAWL SECTORS

Fishery categories	Herring (mt) BSAI	Red king crab (animals) Zone 1
Yellowfin sole	222	n/a
Rock sole/flathead sole/Alaska plaice/other flatfish ¹	110	n/a
Greenland turbot/arrowtooth flounder/Kamchatka flounder/sablefish	11	n/a
Rockfish	11	n/a
Pacific cod	20	n/a
Midwater trawl pollock	3,400	n/a
Pollock/Atka mackerel/other species ^{2,3}	45	n/a
2022 Red king crab savings subarea non-pelagic trawl gear ⁴	n/a	-
2023 Red king crab savings subarea non-pelagic trawl gear ⁵	n/a	8,000
Total trawl PSC	3,819	32,000



C3 BSAI GROUND FISH TABLES 10, 11, & 12

TABLE 10—PROPOSED 2022 AND 2023 PROHIBITED SPECIES BYCATCH ALLOWANCES FOR THE BSAI TRAWL LIMITED ACCESS SECTOR

BSAI trawl limited access sector fisheries	Prohibited species and area ¹				
	Halibut mortality (mt) BSAI	Red king crab (animals) Zone 1	C. opilio (animals) COBLZ	C. bairdi (animals)	
				Zone 1	Zone 2
Yellowfin sole	215	7,700	1,192,179	293,234	1,005,879
Rock sole/flathead sole/other flatfish ²	-	-	-	-	-
Greenland turbot/arrowtooth flounder/Kamchatka flounder/sablefish	-	-	-	-	-
Rockfish April 15-December 31	5	-	1,006	-	849
Pacific cod	350	975	50,281	50,816	42,424
Pollock/Atka mackerel/other species ³	175	65	5,028	4,235	4,243
Total BSAI trawl limited access sector PSC	745	8,739	1,248,494	348,285	1,053,394

TABLE 11—PROPOSED 2022 AND 2023 HALIBUT PROHIBITED SPECIES BYCATCH ALLOWANCES FOR NON-TRAWL FISHERIES

Non-trawl fisheries	Halibut mortality (mt) BSAI			
	Seasons	Catcher/processor	Catcher vessel	All Non-Trawl
Pacific cod	Annual Pacific cod	648	13	661
	January 1-June 10	388	9	n/a
	June 10-August 15	162	2	n/a
	August 15-December 31	98	2	n/a
Non-Pacific cod non-trawl- Total	May 1-December 31	n/a	n/a	49
Groundfish pot and jig	n/a	n/a	n/a	Exempt
Sablefish hook-and-line	n/a	n/a	n/a	Exempt
Total for all non-trawl PSC	n/a	n/a	n/a	710

TABLE 12—PROPOSED 2022 AND 2023 PACIFIC HALIBUT DISCARD MORTALITY RATES (DMR) FOR THE BSAI

Gear	Sector	Halibut discard mortality rate (percent)
Pelagic trawl	All	100
Non-pelagic trawl	Mothership and catcher/processor	84
Non-pelagic trawl	Catcher vessel	62
Hook-and-line	Catcher vessel	10
Hook-and-line	Catcher/processor	10
Pot	All	33



C4 GOA GROUND FISH SPECS

The AP recommends that the Council approve the 2021 Gulf of Alaska SAFE report.

The AP recommends that the Council approve the final 2022 and 2023 Gulf of Alaska groundfish specifications for OFLs and ABCs as recommended by the SSC, and the TACs as shown in the attached table 1.

The TACs for both GOA Pacific cod and pollock have been adjusted to account for the State water Guideline Harvest Level fisheries. The GOA Pacific cod adjustments are shown in revised table 2.

The AP recommends that the Council set the final 2022 and 2023 Pacific halibut PSC limits, allowances and apportionments in the GOA as shown in tables 14 – 16 below.

The AP recommends the Council approve the updated halibut discard mortality rates for 2022 and 2023 as shown in table 17.

Table 2. GOA TAC and GHL Considerations for State Waters Pacific Cod (TACs are preliminary and based on SSC recommendations for Pacific cod ABCs)

Motion passed 20-0



C4 GOA PACIFIC COD GHLS

Final 2022 Gulf of Alaska Pacific cod ABCs, TACs and State Guideline Harvest Levels (GHLS) in metric tons.

Specifications	Western	Central	Eastern	Total
ABC	9,942	19,752	3,117	32,811
State GHLS	2,983	4,938	779	8,700
(%)	30%	25%	25%	25-30%
Federal TAC	6,959	14,814	2,338	24,111

Note: The Federal TAC is only for Federal fisheries. It does not include the State GHLS within it.

Final 2023 Gulf of Alaska Pacific cod ABCs, TACs and State Guideline Harvest Levels (GHLS) in metric tons.

Specifications	Western	Central	Eastern	Total
ABC	8,699	17,282	2,727	28,708
State GHLS	2,610	4,321	682	7,612
(%)	30%	25%	25%	25-30
Federal TAC	6,089	12,962	2,045	21,096

Note: The Federal TAC is only for Federal fisheries. It does not include the State GHLS within it.



C4 GOA TABLES 14 & 15

Table 14--Final 2022 and 2023 Pacific Halibut PSC Limits, Allowances, and Apportionments
(Values are in metric tons)

Trawl gear			Hook-and-line gear ¹				
			Other than DSR			DSR	
Season	Percent	Amount	Season	Percent	Amount	Season	Amount
Jan 20 - April 1	30.5	519	Jan 1 - June 10	86	221	Jan 1 - Dec 31	9
April 1 - July 1	20	341	June 10 -Sept 1	2	5		
July 1 - August 1	27	462	Sept 1 - Dec 31	12	31		
August 1 - Oct 1	7.5	128					
Oct 1 - Dec 31	15	256					
Total		1,706			257		9

¹ The Pacific halibut prohibited species catch (PSC) limit for hook-and-line gear is allocated to the demersal shelf rockfish (DSR) fishery and fisheries other than DSR. The Council recommended and NMFS proposes that the hook-and-line sablefish fishery, and the pot and jig gear groundfish fisheries, be exempt from halibut PSC limits.

Table 15--Final 2022 and 2023 Seasonal Apportionments of the Pacific Halibut PSC Limit
Apportioned Between the Trawl Gear Shallow-Water and Deep-Water Species Fisheries (Values are in metric tons)

Season	Shallow-water	Deep-water ¹	Total
January 20 - April 1	384	135	519
April 1 - July 1	85	256	341
July 1 - August 1	121	341	462
August 1 - October 1	53	75	128
Subtotal, January 20 - October 1 ²	643	807	1,450
October 1 - December 31 ²			256
Total			1,706

¹ Vessels participating in cooperatives in the Rockfish Program will receive 191 mt of the third season (July 1 through August 1) deep-water species fishery halibut PSC apportionment.

² There is no apportionment between trawl shallow-water and deep-water species fisheries during the fifth season (October 1 through December 31).



C4 GOA TABLES 16 & 17

Table 16--Final 2022 and 2023 Apportionments of the “Other hook-and-line fisheries” Halibut PSC Allowance Between the Hook-and-Line Gear Catcher Vessel and Catcher/Processor Sectors
(Values are in metric tons)

“Other than DSR” allowance	Hook-and- line sector	Sector annual amount	Season	Seasonal percentage	Sector seasonal amount
257	Catcher Vessel	150	January 1 - June 10	86	129
			June 10 - Sept 1	2	3
			Sept 1 - Dec 31	12	18
	Catcher/ Processor	107	January 1 - June 10	86	92
			June 10 - Sept 1	2	2
			Sept 1 - Dec 31	12	13

Table 17--Final 2022 and 2023 Discard Mortality Rates for Vessels Fishing in the Gulf of Alaska
(Values are percent of halibut assumed to be dead)

Gear	Sector	Groundfish fishery	Halibut discard mortality rate (percent)
Pelagic trawl	Catcher vessel	All	100
	Catcher/processor	All	100
Non-pelagic trawl	Catcher vessel	Rockfish Program	66
	Catcher vessel	All others	69
	Mothership and catcher/processor	All	83
Hook-and-line	Catcher/processor	All	15
	Catcher vessel	All	12
Pot	Catcher vessel and catcher/processor	All	29



Table 1. SSC recommended OFLs and ABCs and AP recommended TACs for Groundfish in the Gulf of Alaska (metric tons) for 2022 and 2023.

C4 GOA TABLE 1

Species	Area	2021			Catch 11/6/2021	2022			2023		
		OFL	ABC	TAC		OFL	ABC	TAC	OFL	ABC	TAC
Pollock	State OHL	n/a	2,643	n/a	n/a	3,327	n/a	n/a	n/a	3,208	n/a
	W (810)	n/a	18,477	18,477	18,112	23,714	23,714	23,714	n/a	23,506	23,506
	C (520)	n/a	54,870	54,870	52,432	60,250	60,250	60,250	n/a	68,642	68,642
	C (830)	n/a	24,320	24,320	23,079	n/a	30,008	30,008	n/a	29,803	29,803
	WYAK	n/a	5,412	5,412	5,145	n/a	6,722	6,722	n/a	6,663	6,663
	Subtotal	123,455	105,722	103,079	98,798	154,983	133,081	120,754	153,207	131,972	128,814
EYAK/SEO	13,531	10,148	10,148	1	15,150	11,363	11,363	15,150	11,363	11,363	
Total	136,986	115,870	113,227	98,799	170,133	144,444	141,117	168,357	143,335	139,977	
Pacific Cod	W	n/a	7,069	5,500	3,702	n/a	9,042	6,959	n/a	6,609	6,080
	C	n/a	13,656	10,242	8,258	n/a	19,752	14,814	n/a	17,282	12,962
	E	n/a	1,985	1,489	222	n/a	3,117	2,338	n/a	2,727	2,045
	Total	28,977	23,027	17,221	12,222	30,551	32,811	24,111	34,766	26,758	21,087
Sablefish	W	n/a	3,224	2,428	1,763	n/a	3,727	3,727	n/a	3,051	3,051
	C	n/a	9,527	8,056	6,551	n/a	9,965	9,965	n/a	9,495	9,495
	WYAK	n/a	3,451	2,929	2,188	n/a	3,437	3,437	n/a	3,159	3,159
	SEO	n/a	5,273	4,579	3,613	n/a	5,665	5,665	n/a	5,368	5,368
	GOA Total ¹	n/a	21,475	17,992	14,115	n/a	22,794	22,794	n/a	22,003	22,003
AK Total	60,426	29,588	n/a	n/a	40,432	34,521	n/a	42,520	36,518	n/a	
Shallow-water Flatfish	W	n/a	24,151	13,250	26	n/a	21,256	13,250	n/a	22,464	13,250
	C	n/a	28,082	28,082	1,654	n/a	25,305	25,305	n/a	26,743	27,981
	WYAK	n/a	2,808	2,808	1	n/a	2,531	2,531	n/a	2,674	2,674
	EYAK/SEO	n/a	1,123	1,123	1	n/a	1,518	1,518	n/a	1,605	1,605
	Total	88,861	56,184	45,263	1,680	82,273	50,810	42,804	85,676	53,486	44,890
Deep-water Flatfish	W	n/a	225	225	1	n/a	256	256	n/a	256	256
	C	n/a	1,914	1,914	79	n/a	2,139	2,139	n/a	2,105	2,105
	WYAK	n/a	2,068	2,068	5	n/a	1,431	1,431	n/a	1,408	1,408
	EYAK/SEO	n/a	1,719	1,719	4	n/a	2,082	2,082	n/a	2,049	2,049
	Total	7,040	5,926	5,926	80	7,026	5,908	5,908	6,920	5,818	5,818
Rox Sole	W	n/a	3,013	3,013	14	n/a	2,981	2,981	n/a	3,222	3,222
	C	n/a	8,912	8,912	269	n/a	12,078	12,078	n/a	13,054	13,054
	WYAK	n/a	1,206	1,206	2	n/a	1,361	1,361	n/a	1,439	1,439
	EYAK/SEO	n/a	2,285	2,285	-	n/a	2,723	2,723	n/a	2,879	2,879
Total	18,779	15,418	15,418	285	23,302	19,141	19,141	25,049	20,594	20,594	
Arrowtooth Flounder	W	n/a	32,377	14,500	352	n/a	33,658	14,500	n/a	33,214	14,500
	C	n/a	69,072	69,072	9,114	n/a	68,304	68,304	n/a	67,403	67,403
	WYAK	n/a	8,380	8,900	47	n/a	6,707	6,707	n/a	6,619	6,619
	EYAK/SEO	n/a	17,141	8,900	24	n/a	11,020	8,900	n/a	10,875	8,900
	Total	151,723	126,970	97,372	9,517	143,100	119,779	96,501	141,251	118,201	96,512
Flathead Sole	W	n/a	14,208	8,856	136	n/a	14,785	8,856	n/a	14,708	8,856
	C	n/a	20,826	15,400	555	n/a	22,033	15,400	n/a	21,962	15,400
	WYAK	n/a	2,427	2,427	-	n/a	1,511	1,511	n/a	1,506	1,506
	EYAK/SEO	n/a	1,915	1,915	-	n/a	1,876	1,876	n/a	1,870	1,870
	Total	47,982	39,377	28,392	661	48,628	40,175	27,437	48,757	40,046	27,428
Pacific ocean perch	W	n/a	1,843	1,843	1,654	n/a	2,602	2,602	n/a	2,523	2,523
	C	n/a	27,429	27,429	24,809	n/a	30,806	30,806	n/a	29,869	29,869
	WYAK	n/a	1,705	1,705	1,863	n/a	1,409	1,409	n/a	1,386	1,386
	WIC/WYAK	36,563	30,777	30,777	28,126	41,470	34,817	34,817	40,211	33,758	33,758
	SEO	6,414	5,400	5,400	-	4,110	3,451	3,451	3,985	3,346	3,346
Total	42,677	36,177	36,177	28,126	45,680	38,268	38,268	44,196	37,104	37,104	
Northern Rockfish	W	n/a	2,023	2,023	708	n/a	1,944	1,944	n/a	1,859	1,859
	C	n/a	3,334	3,334	1,670	n/a	3,202	3,202	n/a	3,061	3,061
	E	n/a	-	-	-	n/a	-	-	n/a	-	-
	Total	8,396	5,357	5,357	2,378	6,143	5,146	5,146	5,876	4,920	4,920
Shortraker Rockfish	W	n/a	52	52	5	n/a	51	51	n/a	51	51
	C	n/a	284	284	107	n/a	280	280	n/a	280	280
	E	n/a	372	372	273	n/a	374	374	n/a	374	374
	Total	944	708	708	475	940	705	705	940	705	705
Dusky Rockfish	W	n/a	270	270	146	n/a	259	259	n/a	259	259
	C	n/a	4,548	4,544	2,748	n/a	4,534	4,534	n/a	4,373	4,373
	WYAK	n/a	468	468	30	n/a	427	427	n/a	412	412
	EYAK/SEO	n/a	103	103	-	n/a	142	142	n/a	137	137
Total	8,655	5,360	5,360	2,924	8,674	5,372	5,372	8,746	5,181	5,181	
Rougheye and Blackspotted Rockfish	W	n/a	168	168	21	n/a	184	184	n/a	182	182
	C	n/a	456	456	175	n/a	235	235	n/a	234	234
	E	n/a	588	588	185	n/a	369	369	n/a	365	365
	Total	1,456	1,212	1,212	381	967	788	788	957	781	781
Demersal shelf rockfish	Total	405	257	105	579	365	365	579	365	365	
Thornyhead Rockfish	W	n/a	352	352	42	n/a	352	352	n/a	352	352
	C	n/a	910	910	99	n/a	910	910	n/a	910	910
	E	n/a	691	691	133	n/a	691	691	n/a	691	691
	Total	2,804	1,953	1,953	274	2,804	1,953	1,953	2,804	1,953	1,953
Other Rockfish	WIC	n/a	940	940	1,060	n/a	940	940	n/a	940	940
	WYAK	n/a	369	369	119	n/a	370	370	n/a	370	370
	EYAK/SEO	n/a	2,744	300	40	n/a	2,744	300	n/a	2,744	300
	Total	5,320	4,053	1,809	1,219	5,320	4,054	1,610	5,320	4,054	1,610
Atka mackerel	Total	6,200	4,700	3,000	940	6,200	4,700	3,000	6,200	4,700	3,000
Big Skate	W	n/a	758	758	142	n/a	591	591	n/a	591	591
	C	n/a	1,560	1,560	752	n/a	1,482	1,482	n/a	1,482	1,482
	E	n/a	890	890	193	n/a	794	794	n/a	794	794
	Total	4,278	3,208	3,208	1,087	3,822	2,867	2,867	3,822	2,867	2,867
Longnose Skate	W	n/a	158	158	28	n/a	151	151	n/a	151	151
	C	n/a	1,875	1,875	447	n/a	2,044	2,044	n/a	2,044	2,044
	E	n/a	554	554	417	n/a	517	517	n/a	517	517
	Total	3,449	2,587	2,587	890	3,618	2,712	2,712	3,618	2,712	2,712
Other Skates	GOA-wide	1,198	875	875	632	1,311	984	984	1,311	984	984
Sharks	GOA-wide	5,006	3,755	3,755	1,639	5,006	3,755	3,755	5,006	3,755	3,755
Octopuses	GOA-wide	1,307	980	980	51	1,307	980	980	1,307	980	980
TOTAL		610,917	484,150	407,678	178,511	626,738	520,038	448,118	622,931	517,507	444,233

Sources: 2021 OFLs, ABCs, and TACs, as well as 2022 OFLs and ABCs, are from harvest specifications adopted by the Council in December 2020. 2021 catches through November 6, 2021 from AKR Catch Accounting.

¹ The sablefish ABC total for the GOA is not included in the grand total.

² The Alaska-wide sablefish OFL and ABC are included in the grand total.