




**UNITED STATES DEPARTMENT OF COMMERCE**  
**National Oceanic and Atmospheric Administration**  
*National Marine Fisheries Service*  
P.O. Box 21668  
Juneau, AK 99802-1668

February 26, 2025

MEMORANDUM FOR: Ryan J. Wulff  
Assistant Regional Administrator for Sustainable Fisheries,  
West Coast Region

FROM: Gretchen A. Harrington   
Assistant Regional Administrator for Sustainable Fisheries,

SUBJECT: 2024 Annual Report for the Alaska Groundfish Fisheries Chinook  
Salmon Incidental Catch and Endangered Species Act Consultation

We are providing to you the annual report on salmon incidental catch in the Alaska groundfish fisheries, including current information on salmon bycatch reduction measures and sources for the genetic composition of salmon caught in these fisheries. This report updates previous annual reports on salmon incidental catch and includes—

- 2024 data on Chinook salmon incidental catch in groundfish fisheries,
- a link to information on NMFS's efforts to reduce the incidental catch of salmon in groundfish fisheries on the Alaska Regional NOAA website, and
- a link to the genetics program page on the Alaska Regional NOAA website, which is a reference point for the genetics tech memos on salmon bycatch.

This report fulfills one of the terms and conditions of the December 2, 2009, and the January 11, 2007 (NMFS 2009 and NMFS 2007), supplements to the November 30, 2000, biological opinion (BiOp) regarding authorization of the Bering Sea and Aleutian Islands (BSAI) and Gulf of Alaska (GOA) groundfish fisheries (NMFS 2000). The authorization of the GOA groundfish fisheries were recently re-analyzed in a December 23, 2024 (NMFS 2024) biological opinion and this report continues to fulfil one of the terms and conditions listed in that 2024 biological opinion.

The North Pacific Observer Program bycatch sampling data from 2024 will be forthcoming in the fall of 2025. The coded wire tag (CWT) data from 2024 will also be forthcoming in the fall of 2025 after NMFS Alaska Fisheries Science Center staff can access the CWT database and after CWT numbers are merged with data on stock of origin, hatchery, and location of origin.



## Data Reports: Accounting for Chinook Salmon Incidental Catch in the GOA and BSAI Groundfish Fisheries

The amount of Chinook salmon incidental catch in the Alaska groundfish fisheries in 2024 was below the incidental take statement amounts for both the BSAI and GOA groundfish fisheries.

Groundfish Fishery	BSAI Pollock Trawl	BSAI Non-Pollock trawl and non-trawl	GOA Pollock and Non-Pollock Fisheries trawl and non-trawl
Chinook Incidental Take Statement	47,591 to 60,000 Chinook salmon <sup>1</sup>	8,745 Chinook salmon <sup>2</sup>	40,000 Chinook salmon <sup>2</sup>
2024 Incidental Catch of Chinook Salmon	8,046	2,404	28,336

Tables 1 through 5 below provide current and historical data on the incidental catch of Chinook salmon by fishery type or target fishery, quarter, and from Western Alaska Community Development Quota (CDQ) Program and non-CDQ Program sources. The annual Chinook salmon incidental catch data in these tables are periodically updated. For example, NMFS updated Tables 1 and 2 on January 14, 2025, while Tables 3, 4, and 5 are automatically updated on a monthly basis. These slightly different revision dates account for small differences in some of the incidental catch estimates in Tables 1 and 2 versus 3, 4, and 5.

Tables 1 and 2 provide annual estimates of Chinook salmon incidental catch by fishery target for the groundfish trawl and non-trawl fisheries for the BSAI and GOA from 2014 through 2024. In 2024, the majority of the incidental catch of Chinook salmon in the BSAI and GOA occurred in the pollock pelagic trawl fishery. Tables 3 through 5 provide seasonal or quarterly Chinook salmon incidental catch estimates by pollock and non-pollock fishery categories.

The amount of Chinook salmon incidental catch in the BSAI groundfish fisheries in 2024 was 10,450 salmon (Table 1). Of this amount, 8,046 Chinook salmon were caught in the Bering Sea pollock trawl fishery. The amount of Chinook salmon incidental catch in BSAI Non-Pollock trawl and non-trawl fisheries was 2,404, below the incidental take statement amount of 8,745 Chinook salmon established in the 2009 BiOp.

The amount of Chinook salmon incidental catch in the GOA groundfish fisheries in 2024 was 28,336 salmon (Table 2). Of this amount, 25,766 Chinook salmon were caught in the GOA pollock trawl fishery. The total Chinook salmon incidental catch in the GOA was below the annual incidental take limit of 40,000 Chinook salmon stated in the 2024 BiOp for groundfish fisheries of the GOA (NMFS 2024).

Tables 6 through 8 below provide data on the incidental catch of non-Chinook salmon in BSAI and GOA. The annual non-Chinook salmon incidental catch data in these tables are periodically

<sup>1</sup> See the 2009 BiOp (NMFS 2009) for Amendment 91 to the BSAI fishery management plan. The incidental take statement includes the Chinook prohibited species catch limit for non-trawl groundfish of 8,745 salmon.

<sup>2</sup> See the 2024 section 7 consultation for GOA groundfish fisheries (NMFS 2024), which supersedes the 2012 and 2000 Consultations for the GOA (NMFS 2012 and NMFS 2000).

updated. These slightly different revision dates account for small differences in some of the incidental catch estimates in the Tables.

### **Current Genetic Analysis of Salmon Incidental Catch in the BSAI and GOA**

An updated genetics program website is now a reference point for the genetics tech memos on salmon bycatch at:

<https://www.fisheries.noaa.gov/alaska/science-data/genetics-research-alaska-fisheries-science-center>

The memos can be found listed by year toward the bottom of the page.

### **Groundfish Management Measures for Salmon Incidental Catch in Groundfish Fisheries**

This information can be found at: <https://www.fisheries.noaa.gov/alaska/bycatch/chinook-salmon-bycatch-management-alaska>

## Literature Cited

- NMFS (National Marine Fisheries Service). 2024. Endangered Species Act (ESA) Section 7(a)(2) Biological and Section 7(a)(4) Conference Opinion Fishery Management Plan for the Groundfish Fisheries of the Gulf of Alaska. December 23, 2024. U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Alaska Region, Juneau, Alaska. NMFS Consultation Number: AKRO-2024-01759.
- NMFS. 2012. Supplemental Biological Opinion on the Re-initiation of Endangered Species Act Section 7 Consultation on Incidental Catches of Chinook Salmon in the Gulf of Alaska Groundfish Fisheries. January 9, 2012. U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Seattle, WA.
- NMFS 2009. Supplemental Biological Opinion Reinitiating Consultation on the January 11, 2007 Biological Opinion regarding Authorization of Bering Sea/Aleutian Islands (BSAI) Groundfish Fisheries. December 2, 2009. U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Seattle, WA.
- NMFS. 2007. Supplemental Biological Opinion Reinitiating Consultation on the November 30, 2000 Biological Opinion regarding Authorization of Bering Sea/Aleutian Islands Groundfish Fisheries. January 11, 2007. U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Seattle, WA.
- NMFS. 2000. ESA Section 7 Consultation Biological Opinion and Incidental Take Statement. Activities Considered: Authorization of Bering Sea/Aleutian Islands groundfish fisheries based on the Fishery Management Plan for the Bering Sea/Aleutian Islands Groundfish and Authorization of the Gulf of Alaska groundfish fisheries based on the Fishery Management Plan for Groundfish of the Gulf of Alaska. November 30, 2000. NMFS Alaska Region, P. O. Box 21668, Juneau, Alaska 99802.

**Table 1. BSAI groundfish fisheries total Chinook salmon incidental catch compared against total groundfish catch: 2014 through 2024**

BSAI Chinook Count			2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Trawl Gear	Pelagic	Pollock Target	15,037	18,329	21,926	30,076	13,740	24,984	32,294	13,784	6,337	11,855	8,046
	Non-Pelagic	Pacific Cod Target	1,306	1,419	3,360	2,114	1,359	1,443	214	131	262	1,256	916
		Flatfish	1,173	4,542	6,492	2,339	1,203	3,394	1,589	1,147	258	671	1,258
		Other Targets	556	894	746	1,715	1,019	1,568	836	749	1,400	806	192
Non-Trawl Gear	All Targets	34	73	44	33	72	22	21	16	7	0	38	
TOTAL			18,106	25,257	32,568	36,277	17,394	31,412	34,955	15,828	8,264	14,588	10,450
BSAI Groundfish			2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Trawl Gear	Pelagic	Pollock Target	1,257,200	1,294,735	1,318,493	1,332,718	1,346,353	1,383,891	1,342,964	1,353,101	1,067,532	1,267,465	1,268,501
	Non-Pelagic	Pacific Cod Target	53,832	41,546	56,643	46,327	47,878	34,499	26,710	20,152	27,602	28,696	29,771
		Flatfish	333,209	269,480	281,689	262,227	263,531	261,442	270,591	213,658	268,911	234,014	208,835
		Other Targets	70,799	96,213	93,310	107,018	117,011	111,596	109,772	108,343	110,435	125,277	135,508
Non-Trawl Gear	All Targets	207,679	210,114	216,969	218,674	189,054	165,400	140,739	115,153	149,761	139,223	134,331	
TOTAL			1,922,719	1,912,088	1,967,105	1,966,964	1,963,827	1,956,830	1,890,775	1,810,406	1,624,242	1,794,674	1,776,947
BSAI Chinook Rate			2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Trawl Gear	Pelagic	Pollock Target	0.012	0.014	0.017	0.023	0.010	0.018	0.024	0.010	0.006	0.009	0.006
	Non-Pelagic	Pacific Cod Target	0.024	0.034	0.059	0.046	0.028	0.042	0.008	0.007	0.010	0.044	0.031
		Flatfish	0.004	0.017	0.023	0.009	0.005	0.013	0.006	0.005	0.001	0.003	0.006
		Other Targets	0.008	0.009	0.008	0.016	0.009	0.014	0.008	0.007	0.013	0.006	0.001
Non-Trawl Gear	All Targets	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-	0.000	
TOTAL			0.009	0.013	0.017	0.018	0.009	0.016	0.018	0.009	0.005	0.008	0.006

Updated January 14, 2025

**Table 2. GOA groundfish fisheries total Chinook salmon incidental catch compared against total groundfish catch: 2014 through 2024**

Gulf of Alaska Chinook Count			2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Trawl Gear	Pelagic	Pollock Target	10,878	13,475	19,249	21,530	14,575	20,972	10,804	10,333	13,053	18,161	25,766
		Other Targets	38	906	14	372	38	115	52	425	239	698	345
	Non-Pelagic	Pollock Target	32	175	1,591	45	271	21	41	171	88	282	6
		Pacific Cod Target	278	1,153	34	2,087	394	165	-	3,827	-	857	-
		Flatfish	3,059	2,252	598	735	1,405	2,312	231	1,005	206	650	1,391
		Other Targets	1,209	1,025	384	163	321	319	603	1,328	898	501	828
	Non-Trawl Gear	All Targets	42	52	166	70	79	17	-	-	-	-	-
<b>TOTAL</b>			<b>15,536</b>	<b>19,039</b>	<b>22,035</b>	<b>25,003</b>	<b>17,082</b>	<b>23,920</b>	<b>11,731</b>	<b>17,090</b>	<b>14,484</b>	<b>21,150</b>	<b>28,336</b>
Gulf of Alaska Groundfish			2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Trawl Gear	Pelagic	Pollock Target	133,976	162,370	175,658	180,799	153,242	116,705	103,802	99,524	133,657	135,733	127,197
		Other Targets	4,308	4,041	2,441	4,703	7,055	8,059	11,118	13,852	12,789	15,028	12,145
	Non-Pelagic	Pollock Target	12,174	8,009	4,637	6,803	8,582	6,200	8,319	4,525	4,343	4,843	2,022
		Pacific Cod Target	21,103	21,055	16,174	13,824	1,466	1,896	-	2,254	3,770	1,567	7,177
		Flatfish	52,533	25,665	28,576	36,623	27,749	37,650	30,624	10,981	11,933	11,119	21,584
		Other Targets	24,235	27,169	30,039	24,329	27,448	24,234	21,015	27,297	27,196	22,581	22,084
	Non-Trawl Gear	All Targets	78,496	76,590	66,912	54,434	30,192	29,429	19,438	34,348	43,867	38,475	39,616
<b>TOTAL</b>			<b>326,826</b>	<b>324,898</b>	<b>324,437</b>	<b>321,514</b>	<b>255,734</b>	<b>224,173</b>	<b>194,316</b>	<b>192,781</b>	<b>237,556</b>	<b>229,346</b>	<b>231,826</b>
Gulf of Alaska Chinook Rate			2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Trawl Gear	Pelagic	Pollock Target	0.081	0.083	0.110	0.119	0.095	0.180	0.104	0.104	0.098	0.134	0.203
		Other Targets	0.009	0.224	0.006	0.079	0.005	0.014	0.005	0.031	0.019	0.046	0.028
	Non-Pelagic	Pollock Target	0.003	0.022	0.343	0.007	0.032	0.003	0.005	0.038	0.020	0.058	0.003
		Pacific Cod Target	0.013	0.055	0.002	0.151	0.269	0.087	-	1.698	-	0.547	-
		Flatfish	0.058	0.088	0.021	0.020	0.051	0.061	0.008	0.092	0.017	0.058	0.064
		Other Targets	0.050	0.038	0.013	0.007	0.012	0.013	0.029	0.049	0.033	0.022	0.037
	Non-Trawl Gear	All Targets	0.001	0.001	0.002	0.001	0.003	0.001	-	-	-	-	-
<b>TOTAL</b>			<b>0.048</b>	<b>0.059</b>	<b>0.068</b>	<b>0.078</b>	<b>0.067</b>	<b>0.107</b>	<b>0.060</b>	<b>0.089</b>	<b>0.061</b>	<b>0.092</b>	<b>0.122</b>

Updated January 14, 2025

**Table 3. Chinook salmon mortality in BSAI groundfish fisheries (including pollock)**

Year	ANNUAL WITH CDQ	ANNUAL NO CDQ	ANNUAL CDQ	SEASON A With CDQ	SEASON B	SEASON A No CDQ	SEASON B	SEASON A CDQ Only	SEASON B
1991	48,880	48,880		46,392	2,488	46,392	2,488		
1992	41,955	41,955		31,419	10,536	31,419	10,536		
1993	46,014	46,014		24,688	21,326	24,688	21,326		
1994	43,821	40,614	3,207	38,921	4,900	36,699	3,915	2,223	985
1995	23,436	21,430	2,006	18,939	4,497	18,284	3,146	655	1,351
1996	63,205	60,744	2,460	43,316	19,888	42,028	18,716	1,289	1,172
1997	50,530	48,046	2,484	16,401	34,129	14,902	33,144	1,499	985
1998	60,549	55,431	5,118	19,870	40,679	18,930	36,501	939	4,179
1999	14,599	12,937	1,662	8,794	5,805	8,205	4,732	589	1,073
2000	8,223	7,474	749	6,568	1,655	6,138	1,336	430	319
2001	40,547	37,986	2,561	24,871	15,676	23,093	14,893	1,778	783
2002	39,684	37,581	2,103	26,277	13,407	24,859	12,722	1,418	685
2003	53,661	50,948	2,713	40,058	13,603	38,262	12,685	1,795	918
2004	60,040	57,030	3,010	30,767	29,274	29,626	27,404	1,140	1,870
2005	75,084	73,028	2,056	33,622	41,462	32,326	40,702	1,296	760
2006	87,114	85,324	1,790	62,547	24,568	60,943	24,381	1,603	187
2007	130,011	124,367	5,644	78,157	51,854	75,062	49,304	3,094	2,550
2008	23,838	23,198	640	18,829	5,009	18,224	4,973	604	36
2009	14,272	13,825	447	11,377	2,894	11,019	2,805	358	89
2010	12,515	12,180	335	9,502	3,012	9,167	3,012	335	0
2011	26,609	25,845	764	7,602	19,007	7,172	18,673	430	334
2012	12,937	12,559	378	8,989	3,948	8,644	3,914	344	34
2013	16,084	15,423	661	9,188	6,896	8,716	6,707	472	189
2014	18,204	17,311	893	13,839	4,365	13,147	4,164	692	201
2015	25,289	23,840	1,449	17,534	7,755	16,485	7,354	1,048	401
2016	32,925	29,861	3,064	26,086	6,839	23,761	6,099	2,324	740
2017	36,280	33,011	3,269	27,007	9,272	24,126	8,884	2,881	388
2018	17,399	15,647	1,752	11,264	6,135	10,182	5,464	1,081	671
2019	31,467	28,670	2,797	20,088	11,378	18,192	10,477	1,896	901
2020	34,976	32,505	2,470	20,442	14,534	18,625	13,880	1,816	654
2021	15,896	14,709	1,187	10,719	5,177	9,871	4,838	848	339
2022	8,342	7,566	776	6,308	2,034	5,733	1,833	575	201
2023	14,607	13,097	1,510	12,898	1,709	11,435	1,661	1,462	48
2024	10,457	9,372	1,085	6,875	3,583	5,843	3,529	1,031	54

[https://www.fisheries.noaa.gov/sites/default/files/akro/chinook\\_salmon\\_mortality2024.html](https://www.fisheries.noaa.gov/sites/default/files/akro/chinook_salmon_mortality2024.html). Accessed January 17, 2025



**Table 4. Chinook salmon mortality in BSAI pollock directed fisheries.**

Year	ANNUAL WITH CDQ	ANNUAL NO CDQ	ANNUAL CDQ	SEASON A With CDQ	SEASON B With CDQ	SEASON A No CDQ	SEASON B No CDQ	SEASON A CDQ Only	SEASON B CDQ Only
1991	40,906	40,906		38,791	2,114	38,791	2,114		
1992	35,950	35,950		25,691	10,259	25,691	10,259		
1993	38,516	38,516		17,264	21,252	17,264	21,252		
1994	33,136	30,572	2,564	28,451	4,686	26,871	3,701	1,580	985
1995	14,984	12,978	2,006	10,579	4,405	9,924	3,053	655	1,351
1996	55,623	53,162	2,460	36,068	19,554	34,780	18,383	1,289	1,172
1997	44,909	42,434	2,475	10,935	33,973	9,445	32,989	1,490	985
1998	56,440	51,322	5,118	16,132	40,308	15,193	36,130	939	4,179
1999	11,978	10,381	1,597	6,352	5,627	5,768	4,614	584	1,013
2000	4,961	4,242	719	3,422	1,539	2,992	1,250	430	289
2001	33,444	30,937	2,507	18,484	14,961	16,711	14,227	1,773	734
2002	34,495	32,402	2,093	21,794	12,701	20,378	12,024	1,416	677
2003	45,661	43,096	2,565	32,606	13,055	30,913	12,183	1,693	872
2004	51,762	48,796	2,966	23,099	28,663	21,959	26,837	1,140	1,826
2005	68,184	66,251	1,933	27,323	40,861	26,027	40,224	1,296	637
2006	82,752	81,015	1,737	58,390	24,362	56,810	24,205	1,580	157
2007	122,195	116,575	5,620	70,414	51,781	67,323	49,252	3,091	2,529
2008	21,307	20,667	640	16,495	4,811	15,891	4,775	604	36
2009	12,579	12,132	447	9,882	2,697	9,524	2,608	358	89
2010	9,737	9,402	335	7,668	2,069	7,333	2,069	335	0
2011	25,499	24,735	764	7,137	18,362	6,707	18,028	430	334
2012	11,343	10,994	349	7,765	3,578	7,421	3,573	344	5
2013	13,016	12,496	520	8,219	4,797	7,747	4,749	472	48
2014	15,037	14,309	728	11,539	3,498	10,847	3,462	692	36
2015	18,329	17,298	1,031	12,304	6,025	11,523	5,775	781	250
2016	21,926	20,329	1,597	16,828	5,098	15,583	4,746	1,245	352
2017	30,076	27,572	2,504	21,828	8,248	19,712	7,860	2,116	388
2018	13,740	12,449	1,291	8,645	5,095	7,712	4,737	933	358
2019	24,984	22,604	2,380	15,781	9,203	14,120	8,484	1,661	719
2020	32,294	30,045	2,249	18,369	13,925	16,677	13,368	1,692	557
2021	13,784	12,607	1,177	9,503	4,281	8,655	3,952	848	329
2022	6,337	5,908	429	5,185	1,152	4,793	1,115	392	37
2023	11,855	10,684	1,171	10,685	1,170	9,534	1,150	1,151	20
2024	8,045	7,297	748	5,284	2,761	4,590	2,707	694	54

**Notes:**

Starting in 2011, the sampling method for salmon in BS pollock directed fisheries changed to census counts

Non-CDQ data for 1991-2002 from Blend Program data (akfish\_report.mv\_blend\_psc)

Non-CDQ data for 2003-2010 from Catch Accounting System database (akfish\_report.v\_cas\_psc)

Non-CDQ data for 2011-current from Catch Accounting System database (akfish\_report.v\_cas\_psc\_primary\_postings)

CDQ data for 1992-1997 from Blend Program data (akfish\_report.mv\_blend\_psc)

CDQ data for 1998 from Blend Program data (akfish\_report.mv\_blend\_bostrate\_98)

CDQ data for 1999-2007 from CDQ catch report database (akfish\_report.mv\_cdq\_catch\_report\_total\_catch)

CDQ data for 2008-2010 from Catch Accounting System database (akfish\_report.v\_cas\_psc)

CDQ data for 2011-current from Catch Accounting System database (akfish\_report.v\_cas\_psc\_primary\_postings)

A season - January 1 to June 10

B season - June 11 to December 31

For specific pollock season dates by year see:

<https://www.fisheries.noaa.gov/alaska/resources-fishing/federal-fishery-seasons-alaska>

Report run on Dec 30, 2024, 4:21:06 PM

[https://www.fisheries.noaa.gov/sites/default/files/akro/chinook\\_salmon\\_mortality2024.html](https://www.fisheries.noaa.gov/sites/default/files/akro/chinook_salmon_mortality2024.html). Accessed January 17, 2025



**Table 5. Chinook salmon incidental catch (numbers of salmon) by quarter from 1991 through 2024 in the GOA pollock and other non-pollock groundfish fisheries**

Year	Annual Total	Chinook salmon mortality in GOA groundfish fisheries					Other Fisheries
		GOA Pollock Fisheries					
		First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual	
1991	38,893	3,239	538	1,799	2,862	8,438	30,455
1992	16,788	2,289	2,663	1,457	1,801	8,210	8,578
1993	19,260	6,499	157	2,730	4,192	13,578	5,682
1994	13,616	3,685	88	1,973	1,474	7,220	6,396
1995	14,653	1,408	32	2,342	1,136	4,918	9,735
1996	15,761	4,802	57	6,421	100	11,380	4,381
1997	15,229	4,622	48	4,742	30	9,442	5,787
1998	16,983	1,672	1	8,550	4,005	14,228	2,755
1999	30,600	10,408	35	5,981	10,003	26,427	4,173
2000	26,730	4,298	2,313	9,744	2,058	18,413	8,317
2001	15,104	4,204	3,107	754	1,466	9,531	5,573
2002	12,919	1,505	640	553	2,463	5,161	7,758
2003	15,367	765	389	948	2,298	4,400	10,967
2004	17,777	3,632	2,176	2,207	5,137	13,152	4,625
2005	31,271	11,100	5,123	1,076	10,629	27,928	3,343
2006	18,763	2,918	4,292	4,637	3,859	15,706	3,057
2007	40,521	1,525	28,389	1,315	3,867	35,096	5,425
2008	16,264	578	7,691	389	2,087	10,745	5,519
2009	8,475	718	1,406	653	412	3,189	5,286
2010	54,674	4,975	1,632	4,892	33,270	44,769	9,905
2011	19,576	1,712	1,213	1,291	8,438	12,654	6,922
2012	20,069	2,906	862	4,398	8,217	16,383	3,686
2013	23,353	4,462	681	1,046	6,711	12,900	10,453
2014	15,537	1,717	1,634	3,413	4,147	10,911	4,626
2015	19,040	2,596	4,274	2,188	4,593	13,651	5,389
2016	22,035	2,575	998	6,231	11,036	20,840	1,195
2017	25,004	9,065	1,741	4,640	6,130	21,576	3,428
2018	17,082	5,146	498	2,577	6,625	14,846	2,236
2019	23,920	3,860	558	3,579	12,996	20,993	2,927
2020	11,732	6,967	965	1,584	1,330	10,846	886
2021	17,090	4,160	473	3,657	2,214	10,504	6,586
2022	14,485	4,463	1,273	5,285	2,121	13,142	1,343
2023	21,149	5,479	1,618	3,801	7,545	18,443	2,706
2024	28,336	4,505	1,877	17,622	1,768	25,772	2,564

Note:

1991 - 2002: Blend data. Week end date was used to determine quarters. Week end dates do not always match quarter dates.

2003 - Current: Catch Accounting System.

Due to changes in regulatory pollock season dates from 1991 to 2001 and to match current pollock season dates, data were grouped by quarter. Multiple fixes were applied to the Catch Accounting System in early 2014. This has resulted in minor changes in prior years.

First Quarter Jan 1 - Feb 28

Second Quarter Mar 1 - May 31

Third Quarter Jun 1 - Sep 30

Fourth Quarter Oct 1 - Dec 31

Report run on Dec 30, 2024, 5:47:37 PM

<https://www.fisheries.noaa.gov/sites/default/files/akro/goasalmonmort2024.html>. Accessed January 17, 2025

**Table 6. Non-Chinook salmon mortality in BSAI groundfish fisheries (including pollock)**

Year	Non-Chinook salmon mortality in BSAI groundfish fisheries (including pollock)								
	ANNUAL WITH CDQ	ANNUAL NO CDQ	ANNUAL CDQ	SEASON A With CDQ	SEASON B No CDQ	SEASON A No CDQ	SEASON B CDQ Only	SEASON A CDQ Only	SEASON B CDQ Only
1991	30,262	30,262		3,016	27,246	3,016	27,246		
1992	41,450	41,450		2,120	39,329	2,120	39,329		
1993	243,270	243,270		1,848	241,422	1,848	241,422		
1994	94,548	83,384	11,165	5,599	88,949	5,291	78,093	309	10,856
1995	21,875	21,290	585	3,033	18,842	2,903	18,387	130	456
1996	78,060	75,801	2,259	665	77,395	619	75,181	45	2,214
1997	66,994	62,765	4,229	2,710	64,285	2,618	60,148	92	4,137
1998	66,612	65,697	915	4,608	62,004	4,520	61,177	88	827
1999	47,234	46,325	909	393	46,841	378	45,947	15	894
2000	59,327	57,621	1,706	350	58,977	283	57,338	67	1,639
2001	60,731	57,440	3,291	2,903	57,828	2,719	54,721	184	3,107
2002	82,483	78,879	3,604	1,698	80,785	1,677	77,202	21	3,583
2003	188,390	179,988	8,402	3,831	184,559	3,593	176,394	237	8,165
2004	452,560	441,176	11,384	429	452,131	396	440,779	32	11,352
2005	711,520	703,094	8,426	594	710,926	562	702,532	32	8,394
2006	307,175	305,795	1,380	1,323	305,852	1,258	304,537	65	1,315
2007	93,641	86,388	7,253	8,489	85,152	7,325	79,063	1,164	6,089
2008	14,980	14,967	13	247	14,732	247	14,719	0	13
2009	45,445	45,445	0	48	45,397	48	45,397	0	0
2010	13,283	12,757	526	40	13,243	40	12,717	0	526
2011	194,819	190,887	3,932	414	194,405	369	190,517	44	3,888
2012	24,073	23,704	369	307	23,766	306	23,398	1	368
2013	127,001	126,126	875	447	126,554	431	125,694	15	860
2014	224,263	221,384	2,879	1,629	222,634	1,601	219,782	27	2,852
2015	243,354	238,248	5,106	6,158	237,196	5,817	232,430	340	4,766
2016	347,341	330,308	17,033	4,838	342,503	4,336	325,972	502	16,531
2017	471,447	383,699	87,748	2,313	469,134	2,075	381,624	238	87,510
2018	309,045	281,406	27,639	2,120	306,925	2,028	279,378	91	27,548
2019	358,804	342,720	16,084	4,509	354,294	4,462	338,257	47	16,037
2020	346,375	337,706	8,669	1,161	345,214	1,105	336,600	55	8,614
2021	550,698	494,762	55,936	371	550,327	314	494,448	57	55,879
2022	245,269	238,900	6,369	633	244,637	628	238,272	4	6,365
2023	116,723	112,658	4,065	1,158	115,565	1,015	111,642	142	3,923
2024	39,386	37,518	1,868	1,835	37,551	1,672	35,846	163	1,705

**Notes:**

Starting in 2011, the sampling method for salmon in BS pollock directed fisheries changed to census counts

Non-CDQ data for 1991-2002 from Blend Program data (akfish\_report.mv\_blend\_psc)

Non-CDQ data for 2003-2010 from Catch Accounting System database (akfish\_report.v\_cas\_psc)

Non-CDQ data for 2011-current from Catch Accounting System database (akfish\_report.v\_cas\_psc\_primary\_postings)

CDQ data for 1992-1997 from Blend Program data (akfish\_report.mv\_blend\_psc)

CDQ data for 1998 from Blend Program data (akfish\_report.mv\_blend\_bostrate\_98)

CDQ data for 1999-2007 from CDQ catch report database (akfish\_report.mv\_cdq\_catch\_report\_total\_catch)

CDQ data for 2008-2010 from Catch Accounting System database (akfish\_report.v\_cas\_psc)

CDQ data for 2011-current from Catch Accounting System database (akfish\_report.v\_cas\_psc\_primary\_postings)

A season - January 1 to June 10

B season - June 11 to December 31

For specific pollock season dates by year see:

<https://www.fisheries.noaa.gov/alaska/resources-fishing/federal-fishery-seasons-alaska>

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[https://www.fisheries.noaa.gov/sites/default/files/akro/chum\\_salmon\\_mortality2025.html](https://www.fisheries.noaa.gov/sites/default/files/akro/chum_salmon_mortality2025.html). Accessed February 3, 2025

**Table 7. Non-Chinook salmon mortality in BSAI pollock directed fisheries**

<b>Non-Chinook salmon mortality in BSAI pollock directed fisheries</b>									
<b>Year</b>	<b>ANNUAL WITH CDQ</b>	<b>ANNUAL NO CDQ</b>	<b>ANNUAL CDQ</b>	<b>SEASON A With CDQ</b>	<b>SEASON B No CDQ</b>	<b>SEASON A No CDQ</b>	<b>SEASON B CDQ Only</b>		
1991	28,950	28,950		2,850	26,100	2,850	26,100		
1992	40,273	40,273		1,950	38,323	1,950	38,323		
1993	242,190	242,190		1,593	240,597	1,593	240,597		
1994	92,670	81,507	11,163	3,990	88,680	3,682	77,825	308	10,855
1995	19,262	18,678	584	1,707	17,555	1,578	17,100	129	455
1996	77,234	74,976	2,258	221	77,013	176	74,800	45	2,213
1997	65,986	61,758	4,228	2,083	63,903	1,991	59,767	92	4,136
1998	64,955	64,041	914	4,090	60,865	4,002	60,039	88	826
1999	45,271	44,610	661	362	44,909	349	44,261	13	648
2000	58,569	56,865	1,704	212	58,357	147	56,718	65	1,639
2001	57,006	53,903	3,103	2,386	54,620	2,213	51,690	173	2,930
2002	80,651	77,177	3,474	1,377	79,274	1,356	75,821	21	3,453
2003	188,344	179,988	8,356	3,831	184,513	3,594	176,394	237	8,119
2004	452,333	441,176	11,157	426	451,907	397	440,779	29	11,128
2005	710,790	703,094	7,696	594	710,196	562	702,532	32	7,664
2006	306,997	305,795	1,202	1,323	305,674	1,258	304,537	65	1,137
2007	92,868	86,388	6,480	8,481	84,387	7,325	79,063	1,156	5,324
2008	14,980	14,967	13	247	14,732	247	14,719	0	13
2009	45,445	45,445	0	48	45,397	48	45,397	0	0
2010	13,283	12,757	526	40	13,243	40	12,717	0	526
2011	191,435	187,666	3,769	297	191,138	286	187,380	11	3,758
2012	22,183	21,982	201	11	22,172	10	21,972	1	200
2013	125,316	124,747	569	215	125,101	200	124,547	15	554
2014	219,442	217,008	2,434	577	218,865	550	216,458	27	2,407
2015	237,752	232,762	4,990	4,756	232,996	4,416	228,346	340	4,650
2016	343,001	326,244	16,757	3,903	339,098	3,488	322,756	415	16,342
2017	467,678	380,382	87,296	1,906	465,772	1,668	378,714	238	87,058
2018	295,064	268,424	26,640	1,201	293,863	1,147	267,277	54	26,586
2019	347,882	332,109	15,773	2,239	345,643	2,192	329,917	47	15,726
2020	343,821	335,184	8,637	807	343,014	752	334,432	55	8,582
2021	546,042	490,365	55,677	159	545,883	145	490,220	14	55,663
2022	242,375	236,006	6,369	66	242,309	62	235,944	4	6,365
2023	112,303	108,873	3,430	475	111,828	403	108,470	72	3,358
2024	35,130	33,636	1,494	914	34,216	843	32,793	71	1,423

**Notes:**

Starting in 2011, the sampling method for salmon in BS pollock directed fisheries changed to census counts

Non-CDQ data for 1991-2002 from Blend Program data (akfish\_report.mv\_blend\_psc)

Non-CDQ data for 2003-2010 from Catch Accounting System database (akfish\_report.v\_cas\_psc)

Non-CDQ data for 2011-current from Catch Accounting System database (akfish\_report.v\_cas\_psc\_primary\_postings)

CDQ data for 1992-1997 from Blend Program data (akfish\_report.mv\_blend\_psc)

CDQ data for 1998 from Blend Program data (akfish\_report.mv\_blend\_bostrate\_98)

CDQ data for 1999-2007 from CDQ catch report database (akfish\_report.mv\_cdq\_catch\_report\_total\_catch)

CDQ data for 2008-2010 from Catch Accounting System database (akfish\_report.v\_cas\_psc)

CDQ data for 2011-current from Catch Accounting System database (akfish\_report.v\_cas\_psc\_primary\_postings)

A season - January 1 to June 10

B season - June 11 to December 31


For specific pollock season dates by year see:

<https://www.fisheries.noaa.gov/alaska/resources-fishing/federal-fishery-seasons-alaska>

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**Table 8. Non-Chinook and Chinook salmon mortality in GOA trawl gear fisheries in 2024**

<p><b>Gulf of Alaska Prohibited Species Report</b></p> <p>Through: 31-Dec-2024</p>	<p><b>National Marine Fisheries Service Alaska Region, Sustainable Fisheries Catch Accounting</b></p> 
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**Non-Chinook Salmon**

**Trawl Gear**

Seasons	Account	Units	Total Catch	Limit	Remaining	% Taken	Last Week Catch
	Non Chinook Salmon	Count	9,371	N/A	N/A	N/A	0
<b>Total:</b>			<b>9,371</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>0</b>

**Chinook Salmon**

**Trawl Gear**

Seasons	Account	Units	Total Catch	Limit	Remaining	% Taken	Last Week Catch
	Chinook Salmon	Count	28,336	N/A	N/A	N/A	0
<b>Total:</b>			<b>28,336</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>0</b>

No salmon PSC limits apply to all trawl fisheries in the GOA.

Amendment 93 implemented Chinook salmon PSC limits in the GOA pollock fisheries. See car142\_goa\_salmon.pdf  
[https://www.fisheries.noaa.gov/sites/default/files/akro/car120\\_psc\\_goa2024.html](https://www.fisheries.noaa.gov/sites/default/files/akro/car120_psc_goa2024.html). Accessed February 3, 2025