

FMP Area Total Estimated Halibut Discard and Mortality (in metric tons)

Total Estimated Halibut Discards

ALL GOA TOTAL		2013				2014			
		Retained	Discard	PSC	Total Discard	Retained	Discard	PSC	Total Discard
Hook-and-Line	Halibut Target IFQ	9,815	9,425		9,425	7,264	6,029		6,029
	Sablefish Target IFQ	1,100	873	286	1,159	937	698	267	965
	Other Targets	37	1	1,502	1,503	41	9	1,797	1,806
Trawl	All Targets			1,845	1,845			2,022	2,022
TOTAL	<i>All Gear & Targets*</i>	10,952	10,299	3,633	13,932	8,242	6,736	4,086	10,822

Total Estimated Halibut Mortality

ALL GOA Mortality		2013				2014			
		Retained	Discard	PSC	Total Mortality	Retained	Discard	PSC	Total Mortality
Hook-and-Line	Halibut Target IFQ	9,815	1,508		1,508	7,264	965		965
	Sablefish Target IFQ	1,100	96	31	127	937	77	29	106
	Other Targets	37	0	164	164	41	1	197	198
Trawl	All Targets			1,229	1,229			1,393	1,393
TOTAL	<i>All Gear & Targets*</i>	10,952	1,604	1,424	3,028	8,242	1,043	1,619	2,662

Total Estimated Halibut Discards

ALL BSAI TOTAL		2013				2014			
		Retained	Discard	PSC	Total Discard	Retained	Discard	PSC	Total Discard
Hook-and-Line	Halibut Target IFQ	2,232	613		613	1,652	872		872
	Sablefish Target IFQ	54	2	64	66	97	8	33	41
	Other Targets	2		5,922	5,922	1	3	5,089	5,092
Trawl	All Targets			3,836	3,836			3,742	3,742
TOTAL	<i>All Gear & Targets*</i>	2,288	615	9,822	10,437	1,750	883	8,864	9,747

Total Estimated Halibut Mortality

ALL BSAI Mortality		2013				2014			
		Retained	Discard	PSC	Total Mortality	Retained	Discard	PSC	Total Mortality
Hook-and-Line	Halibut Target IFQ	2,232	97		97	1,652	139		139
	Sablefish Target IFQ	54		5	5	97	1	3	4
	Other Targets	2		542	542	1		456	456
Trawl	All Targets			3,081	2,498			3,030	2,646
TOTAL	<i>All Gear & Targets*</i>	2,288	97	3,628	3,142	1,750	140	3,489	3,245

*Does not include Pot and Jig gear

Discard column are at-sea discard calculated for trips with retained halibut

PSC column are deliveries with no retained halibut

Halibut discards are based on best available information collected by the North Pacific Observer program. Methods used by observers may overestimate total discards because average weights contain both retained and discarded halibut.

• IFQ Halibut discard mortality rate is 16%

• Gilroy, H.L. 2012. *Incidental mortality of halibut in the commercial halibut fishery (Wastage)*. *Int. Pac. Halibut Comm. Report of Assessment and Research Activities*

• IFQ Sablefish and Pacific cod discard mortality rate is 11%. Other mortality rates published in Harvest Specifications.

IPHC Areas 2 & 3 Total Estimated Halibut Discard and Mortality (in metric tons)

Total Estimated Halibut Discards

2C Total		2013				2014			
		Retained	Discard	PSC	Total Discard	Retained	Discard	PSC	Total Discard
Hook-and-Line	Halibut Target IFQ	2,325	1,488		1,488	2,338	1,523		1,523
	Sablefish Target IFQ	330	240	71	311	274	165	68	233
	Other Targets	6	0	50	50	3	2	68	70
Trawl	All Targets								
TOTAL	<i>All Gear & Targets*</i>	2,661	1,728	121	1,849	2,615	1,690	136	1,826

Total Estimated Halibut Mortality

2C Mortality		2013				2014			
		Retained	Discard	PSC	Total Mortality	Retained	Discard	PSC	Total Mortality
Hook-and-Line	Halibut Target IFQ	2,325	238		238	2,338	244		244
	Sablefish Target IFQ	330	26	8	34	274	18	7	25
	Other Targets	6	0	5	5	3	0	7	7
Trawl	All Targets								
TOTAL	<i>All Gear & Targets*</i>	2,661	264	13	277	2,615	262	14	276

Total Estimated Halibut Discards

3A Total		2013				2014			
		Retained	Discard	PSC	Total Discard	Retained	Discard	PSC	Total Discard
Hook-and-Line	Halibut Target IFQ	5,222	4,871		4,871	3,368	2,864		2,864
	Sablefish Target IFQ	653	591	140	731	577	446	87	533
	Other Targets	17	1	950	951	21	7	826	833
Trawl	All Targets			1,161	1,161			1,189	1,189
TOTAL	<i>All Gear & Targets*</i>	5,892	5,463	2,251	7,714	3,966	3,317	2,102	5,419

Total Estimated Halibut Mortality

3A Mortality		2013				2014			
		Retained	Discard	PSC	Total Mortality	Retained	Discard	PSC	Total Mortality
Hook-and-Line	Halibut Target IFQ	5,222	779		779	3,368	458		458
	Sablefish Target IFQ	653	65	15	80	577	49	10	59
	Other Targets	17	0	104	104	21	1	91	92
Trawl	All Targets			776	776			823	823
TOTAL	<i>All Gear & Targets*</i>	5,892	844	895	1,739	3,966	508	924	1,432

Total Estimated Halibut Discards

3B Total		2013				2014			
		Retained	Discard	PSC	Total Discard	Retained	Discard	PSC	Total Discard
Hook-and-Line	Halibut Target IFQ	2,268	3,066		3,066	1,558	1,642		1,642
	Sablefish Target IFQ	117	42	75	117	86	87	112	199
	Other Targets	14	0	502	502	17	0	903	903
Trawl	All Targets			684	684			833	833
TOTAL	<i>All Gear & Targets*</i>	2,399	3,108	1,261	4,369	1,661	1,729	1,848	3,577

Total Estimated Halibut Mortality

3B Mortality		2013				2014			
		Retained	Discard	PSC	Total Mortality	Retained	Discard	PSC	Total Mortality
Hook-and-Line	Halibut Target IFQ	2,268	491		491	1,558	263		263
	Sablefish Target IFQ	117	5	8	13	86	10	12	22
	Other Targets	14	0	55	55	17	0	99	99
Trawl	All Targets			453	453			570	570
TOTAL	<i>All Gear & Targets*</i>	2,399	496	516	1,012	1,661	273	681	954

*Does not Include Pot gear and Jig Gear.

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• IFQ Sablefish and Pacific cod discard mortality rate is 11%. Trawl mortality rates published in Harvest Specifications.

IPHC Area 4 Total Estimated Halibut Discard and Mortality (in metric tons)

Total Estimated Halibut Discards

4A		2013				2014			
		Retained	Discard	PSC	Total Discard	Retained	Discard	PSC	Total Discard
Hook-and-Line	Halibut Target IFQ	376	114		114	257	149		149
	Sablefish Target IFQ	5	2	2	4	13	2	4	6
	Other Targets	1		1,936	1,936	1	3	1,349	1,352
Trawl	All Targets			757	757			506	506
TOTAL	<i>All Gear & Targets*</i>	382	116	2,695	2,811	271	154	1,859	2,013

Total Estimated Halibut Mortality

4A Mortality		2013				2014			
		Retained	Discard	PSC	Total Mortality	Retained	Discard	PSC	Total Mortality
	Halibut Target IFQ	376	18		18	257	24		24
	Sablefish Target IFQ	5				13			
	Other Targets	1		177	177	1		123	123
Trawl	All Targets			583	583			384	384
TOTAL	<i>All Gear & Targets*</i>	382	18	760	778	271	24	507	531

Total Estimated Halibut Discards

4B Total		2013				2014			
		Retained	Discard	PSC	Total Discard	Retained	Discard	PSC	Total Discard
Hook-and-Line	Halibut Target IFQ	776	215		215	620	328		328
	Sablefish Target IFQ	49		61	61	84	6	29	35
	Other Targets			50	50			145	145
Trawl	All Targets			320	320			269	269
TOTAL	<i>All Gear & Targets*</i>	825	215	431	646	704	334	443	777

Total Estimated Halibut Mortality

4B Mortality		2013				2014			
		Retained	Discard	PSC	Total Mortality	Retained	Discard	PSC	Total Mortality
	Halibut Target IFQ	776	34		34	620	52		52
	Sablefish Target IFQ	49	0	5	5	84	1	3	4
	Other Targets	0		5	5			6	6
Trawl	All Targets			246	246			207	207
TOTAL	<i>All Gear & Targets*</i>	825	34	256	290	704	53	216	269

Total Estimated Halibut Discards

4CDE Total		2013				2014			
		Retained	Discard	PSC	Total Discard	Retained	Discard	PSC	Total Discard
Hook-and-Line	Halibut Target IFQ	1,080	284		284	775	395		395
	Sablefish Target IFQ			1	1				
	Other Targets	1		2,308	2,308			2,855	2,855
Trawl	All Targets			1,244	1,244			1,641	1,641
TOTAL	<i>All Gear & Targets*</i>	1,081	284	3,553	3,837	775	395	4,496	4,891

Total Estimated Halibut Mortality

4CDE Mortality		2013				2014			
		Retained	Discard	PSC	Total Mortality	Retained	Discard	PSC	Total Mortality
	Halibut Target IFQ	1,080	45		45	775	63		63
	Sablefish Target IFQ								
	Other Targets	1		212	212			260	260
Trawl	All Targets			1,008	1,008			1,349	1,349
TOTAL	<i>All Gear & Targets*</i>	1,081	45	1,220	1,265	775	63	1,609	1,672

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IPHC Area 4 Total Estimated Halibut Discard and Mortality (in metric tons)

Total Estimated Halibut Discards

4CL Total		2013				2014			
		Retained	Discard	PSC	Total Discard	Retained	Discard	PSC	Total Discard
Hook-and-Line	Halibut Target IFQ								
	Sablefish Target IFQ								
	Other Targets			1,628	1,628			740	740
Trawl	All Targets			1,515	1,515			1,326	1,326
TOTAL	<i>All Gear & Targets*</i>			3,143	3,143			2,066	2,066

Total Estimated Halibut Mortality

4CL Mortality		2013				2014			
		Retained	Discard	PSC	Total Mortality	Retained	Discard	PSC	Total Mortality
	Halibut Target IFQ								
	Sablefish Target IFQ								
	Other Targets			148	148			67	67
	Trawl			1,244	1,244			1,090	1,090
TOTAL	<i>All Gear & Targets*</i>			1,392	1,392			1,157	1,157

*Does not include Pot and Jig Gear.

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