

Preliminary Catch Summary for the Pacific Coast Groundfish, Shorebased IFQ Program in 2013

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http://www.pcouncil.org/wp-content/uploads/D4b_SUP_GMT_RPT_MAR2014BB.pdf

Catch

According to preliminary 2013 data, non-whiting sector catch was up approximately 3.5 million pounds in 2013, compared with 2012, and non-whiting sector attainment of the allocations was up seven percent (not counting catch of whiting by the non-whiting sector, Table 1). Although catch was up, part of the increase in non-whiting attainment was due to large reductions in allocations for some species in 2013 versus 2012 (e.g. arrowtooth flounder, English sole). Shorebased whiting sector attainment of the Pacific whiting allocation was up three percent.

Discard/retention

Retention rates remained high, and although there were some changes among a few species (i.e. arrowtooth retention was down 10 percent, while English sole retention was up 11 percent; northern minor shelf rockfish retention was down seven percent, but southern shortspine thornyhead retention was up seven percent), retention in aggregate was relatively unchanged (down 0.1 percent) from 2012 to 2013 (Table 2).

Effort and participation

Monthly catch and effort metrics for non-whiting trips between 2011 and 2013 are reported in Table 3, including monthly and annual catch, average catch per trip and its standard deviation, as well as monthly trip count. Patterns of monthly catch have been similar among the three years, except the spring catch spike in 2013 was more pronounced and a month earlier than in 2012 (March rather than April). This spike in catch accompanied a peak in effort, as number of trips (counted here as fish tickets), and was spread across many groundfish species including flatfish, lingcod, Dover sole Thornyheads and Sablefish (DTS), as well as slope rockfish. However, catch per unit effort (CPUE) as catch per trip, was very similar among the three years (Figure 1). The December spike in catch seen in 2011, was not present in 2012 or 2013; December catch in the two most recent years has been at approximately the monthly average.

Overall fishery participation has dropped slightly each year of the IFQ program, in terms of the number of vessels fishing. The total number of vessels with recorded catch was 108 in 2011, 105 in 2012, and 103 in 2013. The number of vessels making non-whiting trips in 2011 is estimated at 96, followed by 91 in 2012, and 88 in 2013. The number of vessels making shorebased whiting trips in 2011 is estimated at 26, followed by 25 in 2012 and 24 in 2013.

Table 1. Non-whiting and whiting catch, and aggregate IFQ fishery attainment for 2012 and 2013, by species/area categories. Source: NMFS Shorebased IFQ Program, Vessel Accounts Database, February 11, 2014.

Species Category	2012 NW	2012 W	2012 Total	2012 Allocation	2012 Attain.	Attain dif. %	2013 NW	2013 W	2013 Total	2013 Allocation	2013 Attain.	Attain dif. %
Arrowtooth flounder	5,442,616	54,616	5,497,232	20,861,131	26%	6%	5,353,810	12,036	5,365,846	8,479,264	63%	37%
Bocaccio rockfish South of 40°10' N.	19,461		19,461	132,277	15%	6%	28,332		28,332	165,126	17%	2%
Canary rockfish	13,774	2,168	15,942	57,761	28%	13%	18,538	3,988	22,526	87,964	26%	-2%
Chilipepper rockfish South of 40°10' N.	642,329		642,329	2,934,904	22%	1%	870,774		870,774	2,423,983	36%	14%
Cowcod South of 40°10' N.	204		204	3,968	5%	4%	486		486	2,205	22%	17%
Darkblotched rockfish	188,435	9,483	197,918	548,808	36%	0%	249,287	7,198	256,485	587,976	44%	8%
Dover sole	16,061,843	1,319	16,063,162	49,018,682	33%	-2%	17,583,740	276	17,584,016	49,018,682	36%	3%
English sole	324,239	52	324,291	21,037,611	2%	1%	486,239	34	486,273	14,032,486	3%	2%
Lingcod	831,449	8,060	839,509	3,991,800	21%	5%	770,029	16,740	786,769	3,785,298	21%	0%
Longspine thornyheads North of 34°27' N.	2,010,488	116	2,010,604	4,219,648	48%	-1%	2,400,808		2,400,808	4,100,267	59%	11%
Minor shelf rockfish North of 40°10' N.	86,520	1,701	88,221	1,150,813	8%	5%	63,023	2,663	65,686	1,119,948	6%	-2%
Minor shelf rockfish South of 40°10' N.	28,522		28,522	189,598	15%	12%	44,443		44,443	178,574	25%	10%
Minor slope rockfish North of 40°10' N.	327,532	158,556	486,088	1,828,779	27%	9%	408,995	22,249	431,244	1,712,835	25%	-1%
Minor slope rockfish South of 40°10' N.	271,674		271,674	831,958	33%	19%	258,778		258,778	829,181	31%	-1%
Other flatfish	1,504,529	9,673	1,514,202	9,253,683	16%	0%	1,766,458	1,010	1,767,468	9,236,501	19%	3%
Pacific cod	873,604	94	873,698	2,502,247	35%	13%	339,572	85	339,657	2,480,830	14%	-21%
Pacific halibut (IBQ) North of 40°10' N.	99,274	1,373	100,647	232,856	43%	16%	69,884	2,823	72,707	236,660	31%	-13%
Pacific ocean perch North of 40°10' N.	90,970	27,176	118,146	263,441	45%	6%	92,519	15,543	108,062	241,241	45%	0%
Pacific whiting	566,526	144,192,498	144,759,024	151,373,798	96%	-3%	706,758	214,511,471	215,218,229	216,707,790	99%	4%
Petrable sole	2,332,198	1	2,332,199	2,324,995	100%	7%	4,695,922	2	4,695,924	5,110,315	92%	-8%
Sablefish North of 36° N.	4,824,068	104,082	4,928,150	5,438,797	91%	-4%	4,078,867	1,451	4,080,318	4,030,050	101%	11%
Sablefish South of 36° N.	503,511		503,511	1,133,352	44%	-42%	200,064		200,064	1,327,800	15%	-29%
Shortspine thornyheads North of 34°27' N.	1,552,673	18,364	1,571,037	3,120,533	50%	0%	1,818,456	7,276	1,825,732	3,054,183	60%	9%
Shortspine thornyheads South of 34,°27' N.	803		803	110,231	1%	-16%	8,150		8,150	110,231	7%	7%
Splitnose rockfish South of 40°10' N.	130,462		130,462	3,206,513	4%	1%	101,757		101,757	3,346,838	3%	-1%
Starry flounder	18,404		18,404	1,480,404	1%	-1%	7,705		7,705	1,656,774	0%	-1%
Widow rockfish	115,746	224,474	340,220	755,352	45%	5%	587,145	320,368	907,513	2,191,016	41%	-4%
Yelloweye rockfish	76		76	1,323	6%	-4%	139		139	2,205	6%	1%
Yellowtail rockfish North of 40°10' N.	1,729,448	464,691	2,194,139	6,850,556	32%	8%	1,338,140	247,615	1,585,755	5,809,905	27%	-5%
Total	40,591,378	145,278,497	185,869,875	294,855,819	63%	-2%	44,348,818	215,172,828	259,521,646	342,066,128	76%	13%
Non-whiting trips, not counting whiting	40,024,852	NA	NA	143,482,021	28%	4%	43,642,060	NA	NA	125,358,338	35%	7%

Table 2. Catch, landings, discards, retention rates, and differences, for the IFQ fishery in 2011 through 2013. Source: NMFS Shorebased IFQ Program, Vessel Accounts Database, February 11, 2014.

Species category	2011 Total catch	2011 Landed	2011 Discarded	2011 Retn.	2012 Total catch	2012 Landed	2012 Discarded	2012 Retn.	2011-12 Retn. dif.	2013 Total catch	2013 Landed	2013 Discarded	2013 Retn.	2012-13 Ret. dif.
Arrowtooth flounder	5,576,000	5,028,511	547,489	90%	5,497,232	5,028,835	468,397	91%	1%	5,365,846	4,367,126	998,720	81%	-10%
Bocaccio rockfish South of 40°10' N.	11,715	11,695	20	100%	19,461	19,433	28	100%	0%	28,332	28,317	15	100%	0%
Canary rockfish	8,125	7,809	316	96%	15,942	15,849	93	99%	3%	22,526	22,367	159	99%	0%
Chilipepper rockfish South of 40°10' N.	688,187	633,063	55,124	92%	642,329	525,422	116,907	82%	-10%	870,774	709,392	161,382	81%	0%
Cowcod South of 40°10' N.	39	32	7	82%	204	184	20	90%	8%	486	480	6	99%	9%
Darkblotched rockfish	200,264	196,530	3,734	98%	197,918	192,073	5,845	97%	-1%	256,485	250,607	5,878	98%	1%
Dover sole	17,269,411	16,921,445	347,966	98%	16,063,162	15,893,570	169,592	99%	1%	17,584,016	17,355,354	228,662	99%	0%
English sole	302,936	238,484	64,452	79%	324,291	254,653	69,638	79%	0%	486,273	434,574	51,699	89%	11%
Lingcod	639,244	549,482	89,762	86%	839,509	772,917	66,592	92%	6%	786,769	733,432	53,337	93%	1%
Longspine thornyheads North of 34°27' N.	2,119,804	2,007,704	112,100	95%	2,010,604	1,920,886	89,718	96%	1%	2,400,808	2,323,805	77,003	97%	1%
Minor shelf rockfish North of 40°10' N.	34,225	27,737	6,488	81%	88,221	73,872	14,349	84%	3%	65,686	50,629	15,057	77%	-7%
Minor shelf rockfish South of 40°10' N.	6,633	361	6,272	5%	28,522	1,177	27,345	4%	-1%	44,443	5,330	39,113	12%	8%
Minor slope rockfish North of 40°10' N.	319,938	288,269	31,669	90%	486,088	443,700	42,388	91%	1%	431,244	373,519	57,725	87%	-5%
Minor slope rockfish South of 40°10' N.	113,337	110,681	2,656	98%	271,674	262,332	9,342	97%	-1%	258,778	248,890	9,888	96%	0%
Other flatfish	1,527,767	1,257,341	270,426	82%	1,514,202	1,292,219	221,983	85%	3%	1,767,468	1,539,671	227,797	87%	2%
Pacific cod	556,691	556,663	28	100%	873,698	872,172	1,526	100%	0%	339,657	338,701	956	100%	0%
Pacific halibut (IBQ) North of 40°10' N.	70,839	774	70,065	1%	100,647	1,522	99,125	2%	0%	72,707	3,154	69,553	4%	3%
Pacific ocean perch North of 40°10' N.	101,433	100,532	901	99%	118,146	115,397	2,749	98%	-1%	108,062	105,828	2,234	98%	0%
Pacific whiting	201,030,361	199,472,944	1,557,417	99%	144,759,024	143,977,019	782,005	99%	0%	215,218,229	213,681,270	1,536,959	99%	0%
Petrale sole	1,789,627	1,753,538	36,089	98%	2,332,199	2,305,905	26,294	99%	1%	4,695,924	4,648,987	46,937	99%	0%
Sablefish North of 36° N.	5,287,802	5,237,173	50,629	99%	4,928,150	4,861,610	66,540	99%	0%	4,080,318	4,041,697	38,621	99%	0%
Sablefish South of 36° N.	1,009,286	995,446	13,840	99%	503,511	495,781	7,730	98%	0%	200,064	191,228	8,836	96%	-3%
Shortspine thornyheads North of 34°27' N.	1,574,518	1,560,610	13,908	99%	1,571,037	1,554,790	16,247	99%	0%	1,825,732	1,806,707	19,025	99%	0%
Shortspine thornyheads South of 34°27' N.	18,653	18,165	488	97%	803	732	71	91%	-6%	8,150	8,038	112	99%	7%
Splitnose rockfish South of 40°10' N.	88,523	21,108	67,415	24%	130,462	42,919	87,543	33%	9%	101,757	30,982	70,775	30%	-2%
Starry flounder	25,936	24,391	1,545	94%	18,404	17,781	623	97%	3%	7,705	7,070	635	92%	-5%
Widow rockfish	303,703	277,506	26,197	91%	340,220	340,081	139	100%	9%	907,513	900,146	7,367	99%	-1%
Yelloweye rockfish	128	117	11	91%	76	76	0	100%	9%	139	137	2	99%	-1%
Yellowtail rockfish North of 40°10' N.	1,629,184	1,628,947	237	100%	2,194,139	2,193,586	553	100%	0%	1,585,755	1,585,382	373	100%	0%
Total	242,304,309	238,927,058	3,377,251	98.6%	185,869,875	183,476,493	2,393,382	98.7%	0.1%	259,521,646	255,792,820	3,728,826	98.6%	-0.1%

Table 3. Monthly non-whiting IFQ catch, number of trips, and CPUE as pounds per trip, for years 2011 through 2013. Source: NMFS Shorebased IFQ Program, Vessel Accounts Database, February 11, 2014. Trips counted as fish tickets for this report, thus counts may be higher than 2012 year end report, which used vessel-days.

Month	2011 catch/mo.	2011 ave. catch/trip	2011 std. dev.	2011 trip count	2012 catch/mo.	2012 ave. catch/trip	2012 std. dev.	2012 trip count	2013 catch/mo.	2013 ave. catch/trip	2013 std. dev.	2013 trip count
Jan	1,391,286	34,782	21,861	40	1,539,024	29,038	17,426	53	2,233,710	30,185	22,423	74
Feb	2,507,351	30,955	19,563	81	2,200,166	28,950	18,758	76	3,027,955	31,216	23,579	97
Mar	3,354,758	39,938	21,015	84	3,335,055	27,114	20,965	123	5,761,019	34,915	27,268	165
Apr	3,853,779	33,222	21,219	116	5,323,364	40,949	28,148	130	4,693,929	35,293	24,992	133
May	3,767,669	32,762	27,712	115	4,390,770	36,590	27,177	120	3,644,764	33,438	25,181	109
Jun	4,201,535	26,592	23,985	158	3,084,371	28,559	23,826	108	2,832,450	27,769	22,164	102
Jul	3,301,089	23,579	22,140	140	3,123,430	24,213	23,225	129	3,431,817	27,676	21,251	124
Aug	3,744,548	21,037	20,319	178	3,849,798	23,332	22,714	165	3,723,788	25,505	18,648	146
Sep	3,400,229	17,896	18,407	190	3,921,447	21,546	20,735	182	3,259,778	24,327	19,668	134
Oct	3,692,915	18,373	17,878	201	3,767,890	21,655	21,360	174	4,891,487	30,194	25,882	162
Nov	2,477,049	20,304	18,545	122	3,029,196	22,948	19,734	132	3,528,466	38,774	23,210	91
Dec	4,753,226	34,196	29,356	139	3,032,579	30,026	25,848	101	3,336,108	37,484	23,307	89
Sum	40,445,434	NA	NA	1,564	40,597,090	NA	NA	1,493	44,365,271	NA	277,573	1,426

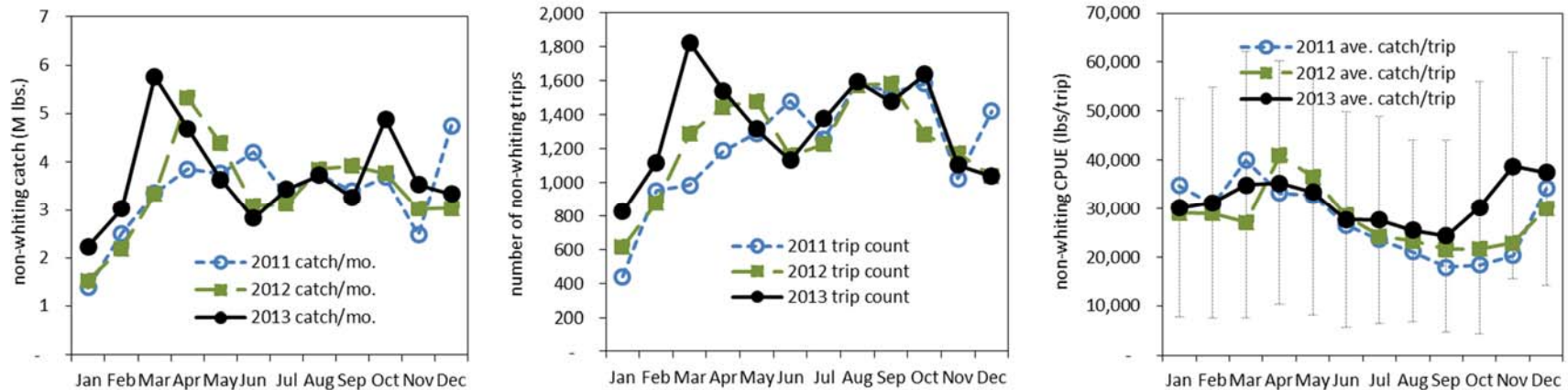


Figure 1. Monthly non-whiting IFQ catch (left panel), number of trips (center panel), and CPUE as pounds per trip (right panel, whiskers equal ± 1 standard deviation for 2013), for years 2011 through 2013. Source: NMFS Shorebased IFQ Program, Vessel Accounts Database, February 11, 2014.