

The Hawaii Limited-access Longline Logbook Summary Report 1 January to 31 March 2013¹

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The following tables represent effort, retained catch (kept) and discard as reported on longline log sheets for the Hawaii Limited-access longline fishery. To satisfy confidentiality RFMO reporting standards, data from the California-based longline fishery is also included in this report. Catch-and-effort statistics are summarized from logbook data submitted to the PIFSC, FRMD and are based on date of longline haul. The statistics originate from an Oracle table LLDS_REPORT_STATS_HICA database extraction done on 3 May 2016. When a statistic (number of vessels, trips) can involve dates of haul in 2 summary periods (i.e. years, semi-annual, quarters) the item is counted in both summary periods. Thus, a trip total is for “partial and completed” trips. As such, these are not additive statistics (i.e. sum of 4 quarters is not the total for the year, etc).

¹ PIFSC Data Report DR-16-021.
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Table 1. Quarterly summary report of fishing effort and catch statistics for U.S. longline vessels based in Hawaii and California, as derived from NMFS Western Pacific Daily Longline Fishing Log records. Catch-and-effort statistics are based on date of longline haul. Data Source: PIFSC Information Management System, Longline Logbook Data.

Report Coverage

Time Period 1 January - 31 March, 2013
 Set Types All Sets
 Fishing Area All Areas

Number of vessels active	128
Number of trips (partial or completed)	430
Number of sets	5,017
Number of hooks set	11,639,349

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	643	641	2	0.06
Striped marlin	1,843	1,825	18	0.16
Shortbill spearfish	4,440	4,423	17	0.38
Swordfish	5,682	5,336	346	0.49
Other billfishes	123	123	0	0.01
Total	12,731	12,348	383	1.09
Shark PMUS				
Blue shark	10,615	0	10,615	0.91
Mako sharks	1,037	162	875	0.09
Thresher sharks	3,065	22	3,043	0.26
Oceanic whitetip shark	157	1	156	0.01
Silky shark	195	0	195	0.02
Other Sharks	202	1	201	0.02
Total	15,271	186	15,085	1.31
Tuna PMUS				
Albacore	8,347	8,238	109	0.72
Bigeye tuna	41,115	40,644	471	3.53
Yellowfin tuna	8,461	8,434	27	0.73
Bluefin tuna	2	2	0	0.00
Skipjack tuna	16,880	16,656	224	1.45
Other tunas	3	3	0	0.00
Total	74,808	73,977	831	6.43
Other PMUS				
Mahimahi	12,609	12,445	164	1.08
Moonfish	2,863	2,839	24	0.25
Wahoo	3,948	3,938	10	0.34
Oilfish	9,788	9,601	187	0.84
Pomfret	24,902	24,862	40	2.14
Total	54,110	53,685	425	4.65
Total PMUS	156,920	140,196	16,724	13.48
Total Non-PMUS	982	164	818	0.08
Total All Species	157,902	140,360	17,542	13.57

Table 2. Quarterly summary report of fishing effort and catch statistics for U.S. longline vessels based in Hawaii and California, as derived from NMFS Western Pacific Daily Longline Fishing Log records. Catch-and-effort statistics are based on date of longline haul. Data Source: PIFSC Information Management System, Longline Logbook Data.

Report Coverage

Time Period 1 January - 31 March, 2013
 Set Types All Sets
 Fishing Area Main Hawaiian Islands EEZ

Number of vessels active	103
Number of trips (partial or completed)	208
Number of sets	1,146
Number of hooks set	2,735,949

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	95	94	1	0.03
Striped marlin	558	554	4	0.20
Shortbill spearfish	1,151	1,147	4	0.42
Swordfish	86	85	1	0.03
Other billfishes	12	12	0	0.00
Total	1,902	1,892	10	0.70
Shark PMUS				
Blue shark	2,138	0	2,138	0.78
Mako sharks	175	47	128	0.06
Thresher sharks	134	7	127	0.05
Oceanic whitetip shark	12	0	12	0.00
Silky shark	0	0	0	0.00
Other Sharks	26	0	26	0.01
Total	2,485	54	2,431	0.91
Tuna PMUS				
Albacore	901	895	6	0.33
Bigeye tuna	7,605	7,536	69	2.78
Yellowfin tuna	2,014	2,003	11	0.74
Bluefin tuna	0	0	0	0.00
Skipjack tuna	4,061	4,034	27	1.48
Other tunas	3	3	0	0.00
Total	14,584	14,471	113	5.33
Other PMUS				
Mahimahi	3,134	3,111	23	1.15
Moonfish	441	440	1	0.16
Wahoo	359	357	2	0.13
Oilfish	2,388	2,375	13	0.87
Pomfret	2,529	2,516	13	0.92
Total	8,851	8,799	52	3.24
Total PMUS	27,822	25,216	2,606	10.17
Total Non-PMUS	504	50	454	0.18
Total All Species	28,326	25,266	3,060	10.35

Table 3. Quarterly summary report of fishing effort and catch statistics for U.S. longline vessels based in Hawaii and California, as derived from NMFS Western Pacific Daily Longline Fishing Log records. Catch-and-effort statistics are based on date of longline haul. Data Source: PIFSC Information Management System, Longline Logbook Data.

Report Coverage		Number of vessels active		38
Time Period	1 January - 31 March, 2013	Number of trips (partial or completed)		45
Set Types	All Sets	Number of sets		209
Fishing Area	Northwestern Hawaiian Islands EEZ	Number of hooks set		525,976

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	12	12	0	0.02
Striped marlin	153	145	8	0.29
Shortbill spearfish	296	296	0	0.56
Swordfish	21	19	2	0.04
Other billfishes	8	8	0	0.02
Total	490	480	10	0.93
Shark PMUS				
Blue shark	781	0	781	1.48
Mako sharks	41	15	26	0.08
Thresher sharks	23	1	22	0.04
Oceanic whitetip shark	4	0	4	0.01
Silky shark	0	0	0	0.00
Other Sharks	1	0	1	0.00
Total	850	16	834	1.62
Tuna PMUS				
Albacore	656	653	3	1.25
Bigeye tuna	1,596	1,538	58	3.03
Yellowfin tuna	412	409	3	0.78
Bluefin tuna	0	0	0	0.00
Skipjack tuna	878	872	6	1.67
Other tunas	0	0	0	0.00
Total	3,542	3,472	70	6.73
Other PMUS				
Mahimahi	359	356	3	0.68
Moonfish	136	136	0	0.26
Wahoo	61	61	0	0.12
Oilfish	502	494	8	0.95
Pomfret	329	326	3	0.63
Total	1,387	1,373	14	2.64
Total PMUS	6,269	5,341	928	11.92
Total Non-PMUS	4	4	0	0.01
Total All Species	6,273	5,345	928	11.93

Table 4. Quarterly summary report of fishing effort and catch statistics for U.S. longline vessels based in Hawaii and California, as derived from NMFS Western Pacific Daily Longline Fishing Log records. Catch-and-effort statistics are based on date of longline haul. Data Source: PIFSC Information Management System, Longline Logbook Data.

Report Coverage

Time Period 1 January - 31 March, 2013
 Set Types All Sets
 Fishing Area Pacific Remote Island Areas (PRIA) EEZ

Number of vessels active	35
Number of trips (partial or completed)	43
Number of sets	270
Number of hooks set	683,298

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	85	85	0	0.12
Striped marlin	83	83	0	0.12
Shortbill spearfish	260	259	1	0.38
Swordfish	38	38	0	0.06
Other billfishes	15	15	0	0.02
Total	481	480	1	0.70
Shark PMUS				
Blue shark	633	0	633	0.93
Mako sharks	41	7	34	0.06
Thresher sharks	126	1	125	0.18
Oceanic whitetip shark	88	0	88	0.13
Silky shark	187	0	187	0.27
Other Sharks	125	0	125	0.18
Total	1,200	8	1,192	1.76
Tuna PMUS				
Albacore	748	747	1	1.09
Bigeye tuna	2,950	2,915	35	4.32
Yellowfin tuna	527	521	6	0.77
Bluefin tuna	0	0	0	0.00
Skipjack tuna	344	342	2	0.50
Other tunas	0	0	0	0.00
Total	4,569	4,525	44	6.69
Other PMUS				
Mahimahi	825	823	2	1.21
Moonfish	54	54	0	0.08
Wahoo	384	382	2	0.56
Oilfish	536	529	7	0.78
Pomfret	1,798	1,795	3	2.63
Total	3,597	3,583	14	5.26
Total PMUS	9,847	8,596	1,251	14.41
Total Non-PMUS	71	6	65	0.10
Total All Species	9,918	8,602	1,316	14.51

Table 5. Quarterly summary report of fishing effort and catch statistics for U.S. longline vessels based in Hawaii and California, as derived from NMFS Western Pacific Daily Longline Fishing Log records. Catch-and-effort statistics are based on date of longline haul. Data Source: PIFSC Information Management System, Longline Logbook Data.

Report Coverage				
Time Period	1 January - 31 March, 2013	Number of vessels active	112	
Set Types	All Sets	Number of trips (partial or completed)	262	
Fishing Area	Hawaiian Islands EEZ + PRIA EEZ	Number of sets	1,625	
		Number of hooks set	3,945,223	

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	192	191	1	0.05
Striped marlin	794	782	12	0.20
Shortbill spearfish	1,707	1,702	5	0.43
Swordfish	145	142	3	0.04
Other billfishes	35	35	0	0.01
Total	2,873	2,852	21	0.73
Shark PMUS				
Blue shark	3,552	0	3,552	0.90
Mako sharks	257	69	188	0.07
Thresher sharks	283	9	274	0.07
Oceanic whitetip shark	104	0	104	0.03
Silky shark	187	0	187	0.05
Other Sharks	152	0	152	0.04
Total	4,535	78	4,457	1.15
Tuna PMUS				
Albacore	2,305	2,295	10	0.58
Bigeye tuna	12,151	11,989	162	3.08
Yellowfin tuna	2,953	2,933	20	0.75
Bluefin tuna	0	0	0	0.00
Skipjack tuna	5,283	5,248	35	1.34
Other tunas	3	3	0	0.00
Total	22,695	22,468	227	5.75
Other PMUS				
Mahimahi	4,318	4,290	28	1.09
Moonfish	631	630	1	0.16
Wahoo	804	800	4	0.20
Oilfish	3,426	3,398	28	0.87
Pomfret	4,656	4,637	19	1.18
Total	13,835	13,755	80	3.51
Total PMUS	43,938	39,153	4,785	11.14
Total Non-PMUS	579	60	519	0.15
Total All Species	44,517	39,213	5,304	11.28

Table 6. Quarterly summary report of fishing effort and catch statistics for U.S. longline vessels based in Hawaii and California, as derived from NMFS Western Pacific Daily Longline Fishing Log records. Catch-and-effort statistics are based on date of longline haul. Data Source: PIFSC Information Management System, Longline Logbook Data.

Report Coverage

Time Period 1 January - 31 March, 2013
 Set Types All Sets
 Fishing Area Outside U.S. EEZ

Number of vessels active	125
Number of trips (partial or completed)	368
Number of sets	3,392
Number of hooks set	7,694,126

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	451	450	1	0.06
Striped marlin	1,049	1,043	6	0.14
Shortbill spearfish	2,733	2,721	12	0.36
Swordfish	5,537	5,194	343	0.72
Other billfishes	88	88	0	0.01
Total	9,858	9,496	362	1.28
Shark PMUS				
Blue shark	7,063	0	7,063	0.92
Mako sharks	780	93	687	0.10
Thresher sharks	2,782	13	2,769	0.36
Oceanic whitetip shark	53	1	52	0.01
Silky shark	8	0	8	0.00
Other Sharks	50	1	49	0.01
Total	10,736	108	10,628	1.40
Tuna PMUS				
Albacore	6,042	5,943	99	0.79
Bigeye tuna	28,964	28,655	309	3.76
Yellowfin tuna	5,508	5,501	7	0.72
Bluefin tuna	2	2	0	0.00
Skipjack tuna	11,597	11,408	189	1.51
Other tunas	0	0	0	0.00
Total	52,113	51,509	604	6.77
Other PMUS				
Mahimahi	8,291	8,155	136	1.08
Moonfish	2,232	2,209	23	0.29
Wahoo	3,144	3,138	6	0.41
Oilfish	6,362	6,203	159	0.83
Pomfret	20,246	20,225	21	2.63
Total	40,275	39,930	345	5.23
Total PMUS	112,982	101,043	11,939	14.68
Total Non-PMUS	403	104	299	0.05
Total All Species	113,385	101,147	12,238	14.74

Table 7. Quarterly summary report of fishing effort and catch statistics for U.S. longline vessels based in Hawaii and California, as derived from NMFS Western Pacific Daily Longline Fishing Log records. Catch-and-effort statistics are based on date of longline haul. Data Source: PIFSC Information Management System, Longline Logbook Data.

Report Coverage		Number of vessels active		12
Time Period	1 January - 31 March, 2013	Number of trips (partial or completed)		30
Set Types	Shallow sets	Number of sets		459
Fishing Area	All Areas	Number of hooks set		490,053

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	1	1	0	0.00
Striped marlin	19	14	5	0.04
Shortbill spearfish	27	24	3	0.06
Swordfish	5,158	4,824	334	10.53
Other billfishes	8	8	0	0.02
Total	5,213	4,871	342	10.64
Shark PMUS				
Blue shark	2,982	0	2,982	6.09
Mako sharks	342	21	321	0.70
Thresher sharks	8	0	8	0.02
Oceanic whitetip shark	0	0	0	0.00
Silky shark	0	0	0	0.00
Other Sharks	10	0	10	0.02
Total	3,342	21	3,321	6.82
Tuna PMUS				
Albacore	303	224	79	0.62
Bigeye tuna	275	253	22	0.56
Yellowfin tuna	101	101	0	0.21
Bluefin tuna	2	2	0	0.00
Skipjack tuna	10	9	1	0.02
Other tunas	0	0	0	0.00
Total	691	589	102	1.41
Other PMUS				
Mahimahi	478	376	102	0.98
Moonfish	49	28	21	0.10
Wahoo	6	4	2	0.01
Oilfish	358	216	142	0.73
Pomfret	43	31	12	0.09
Total	934	655	279	1.91
Total PMUS	10,180	6,136	4,044	20.77
Total Non-PMUS	2	1	1	0.00
Total All Species	10,182	6,137	4,045	20.78

Table 8. Quarterly summary report of fishing effort and catch statistics for U.S. longline vessels based in Hawaii and California, as derived from NMFS Western Pacific Daily Longline Fishing Log records. Catch-and-effort statistics are based on date of longline haul. Data Source: PIFSC Information Management System, Longline Logbook Data.

Report Coverage

Time Period 1 January - 31 March, 2013
 Set Types Deep sets
 Fishing Area All Areas

Number of vessels active	121
Number of trips (partial or completed)	400
Number of sets	4,558
Number of hooks set	11,149,296

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	642	640	2	0.06
Striped marlin	1,824	1,811	13	0.16
Shortbill spearfish	4,413	4,399	14	0.40
Swordfish	524	512	12	0.05
Other billfishes	115	115	0	0.01
Total	7,518	7,477	41	0.67
Shark PMUS				
Blue shark	7,633	0	7,633	0.68
Mako sharks	695	141	554	0.06
Thresher sharks	3,057	22	3,035	0.27
Oceanic whitetip shark	157	1	156	0.01
Silky shark	195	0	195	0.02
Other Sharks	192	1	191	0.02
Total	11,929	165	11,764	1.07
Tuna PMUS				
Albacore	8,044	8,014	30	0.72
Bigeye tuna	40,840	40,391	449	3.66
Yellowfin tuna	8,360	8,333	27	0.75
Bluefin tuna	0	0	0	0.00
Skipjack tuna	16,870	16,647	223	1.51
Other tunas	3	3	0	0.00
Total	74,117	73,388	729	6.65
Other PMUS				
Mahimahi	12,131	12,069	62	1.09
Moonfish	2,814	2,811	3	0.25
Wahoo	3,942	3,934	8	0.35
Oilfish	9,430	9,385	45	0.85
Pomfret	24,859	24,831	28	2.23
Total	53,176	53,030	146	4.77
Total PMUS	146,740	134,060	12,680	13.16
Total Non-PMUS	980	163	817	0.09
Total All Species	147,720	134,223	13,497	13.25