

**The Hawaii Limited-access Longline Logbook Summary Report
1 April to 30 June 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).

¹PIFSC Data Report DR-16-022.
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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 April - 30 June, 2013
 Set Types All Sets
 Fishing Area All Areas

Number of vessels active	129
Number of trips (partial or completed)	404
Number of sets	4,847
Number of hooks set	11,657,365

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	1,278	1,272	6	0.11
Striped marlin	2,483	2,473	10	0.21
Shortbill spearfish	2,724	2,711	13	0.23
Swordfish	4,304	4,073	231	0.37
Other billfishes	64	63	1	0.01
Total	10,853	10,592	261	0.93
Shark PMUS				
Blue shark	10,630	1	10,629	0.91
Mako sharks	953	192	761	0.08
Thresher sharks	1,873	26	1,847	0.16
Oceanic whitetip shark	185	0	185	0.02
Silky shark	43	0	43	0.00
Other Sharks	286	0	286	0.02
Total	13,970	219	13,751	1.20
Tuna PMUS				
Albacore	4,242	4,219	23	0.36
Bigeye tuna	32,895	32,507	388	2.82
Yellowfin tuna	3,253	3,186	67	0.28
Bluefin tuna	0	0	0	0.00
Skipjack tuna	6,055	5,969	86	0.52
Other tunas	1	1	0	0.00
Total	46,446	45,882	564	3.98
Other PMUS				
Mahimahi	16,108	15,994	114	1.38
Moonfish	6,870	6,856	14	0.59
Wahoo	4,993	4,974	19	0.43
Oilfish	8,698	8,560	138	0.75
Pomfret	22,448	22,302	146	1.93
Total	59,117	58,686	431	5.07
Total PMUS	130,386	115,379	15,007	11.18
Total Non-PMUS	1,429	366	1,063	0.12
Total All Species	131,815	115,745	16,070	11.31

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 April - 30 June, 2013
 Set Types All Sets
 Fishing Area Main Hawaiian Islands EEZ

Number of vessels active	75
Number of trips (partial or completed)	109
Number of sets	427
Number of hooks set	941,498

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	130	130	0	0.14
Striped marlin	213	211	2	0.23
Shortbill spearfish	563	562	1	0.60
Swordfish	318	287	31	0.34
Other billfishes	6	6	0	0.01
Total	1,230	1,196	34	1.31
Shark PMUS				
Blue shark	1,151	1	1,150	1.22
Mako sharks	58	34	24	0.06
Thresher sharks	135	10	125	0.14
Oceanic whitetip shark	11	0	11	0.01
Silky shark	1	0	1	0.00
Other Sharks	7	0	7	0.01
Total	1,363	45	1,318	1.45
Tuna PMUS				
Albacore	172	172	0	0.18
Bigeye tuna	2,574	2,493	81	2.73
Yellowfin tuna	633	621	12	0.67
Bluefin tuna	0	0	0	0.00
Skipjack tuna	615	609	6	0.65
Other tunas	0	0	0	0.00
Total	3,994	3,895	99	4.24
Other PMUS				
Mahimahi	646	643	3	0.69
Moonfish	243	241	2	0.26
Wahoo	400	399	1	0.42
Oilfish	661	651	10	0.70
Pomfret	661	649	12	0.70
Total	2,611	2,583	28	2.77
Total PMUS	9,198	7,719	1,479	9.77
Total Non-PMUS	167	152	15	0.18
Total All Species	9,365	7,871	1,494	9.95

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		45
Time Period	1 April - 30 June, 2013	Number of trips (partial or completed)		60
Set Types	All Sets	Number of sets		378
Fishing Area	Northwestern Hawaiian Islands EEZ	Number of hooks set		768,646

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	119	118	1	0.15
Striped marlin	624	619	5	0.81
Shortbill spearfish	197	192	5	0.26
Swordfish	1,430	1,338	92	1.86
Other billfishes	0	0	0	0.00
Total	2,370	2,267	103	3.08
Shark PMUS				
Blue shark	1,269	0	1,269	1.65
Mako sharks	109	17	92	0.14
Thresher sharks	67	2	65	0.09
Oceanic whitetip shark	30	0	30	0.04
Silky shark	3	0	3	0.00
Other Sharks	8	0	8	0.01
Total	1,486	19	1,467	1.93
Tuna PMUS				
Albacore	461	457	4	0.60
Bigeye tuna	1,172	1,140	32	1.52
Yellowfin tuna	369	351	18	0.48
Bluefin tuna	0	0	0	0.00
Skipjack tuna	501	490	11	0.65
Other tunas	0	0	0	0.00
Total	2,503	2,438	65	3.26
Other PMUS				
Mahimahi	3,227	3,199	28	4.20
Moonfish	383	383	0	0.50
Wahoo	239	236	3	0.31
Oilfish	620	603	17	0.81
Pomfret	609	604	5	0.79
Total	5,078	5,025	53	6.61
Total PMUS	11,437	9,749	1,688	14.88
Total Non-PMUS	93	12	81	0.12
Total All Species	11,530	9,761	1,769	15.00

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 April - 30 June, 2013	Number of vessels active	34
Set Types	All Sets	Number of trips (partial or completed)	38
Fishing Area	Pacific Remote Island Areas (PRIA) EEZ	Number of sets	181
		Number of hooks set	463,372

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	102	101	1	0.22
Striped marlin	67	67	0	0.14
Shortbill spearfish	165	162	3	0.36
Swordfish	71	67	4	0.15
Other billfishes	18	18	0	0.04
Total	423	415	8	0.91
Shark PMUS				
Blue shark	446	0	446	0.96
Mako sharks	41	2	39	0.09
Thresher sharks	112	0	112	0.24
Oceanic whitetip shark	71	0	71	0.15
Silky shark	39	0	39	0.08
Other Sharks	192	0	192	0.41
Total	901	2	899	1.94
Tuna PMUS				
Albacore	572	562	10	1.23
Bigeye tuna	1,250	1,200	50	2.70
Yellowfin tuna	375	356	19	0.81
Bluefin tuna	0	0	0	0.00
Skipjack tuna	738	711	27	1.59
Other tunas	0	0	0	0.00
Total	2,935	2,829	106	6.33
Other PMUS				
Mahimahi	127	127	0	0.27
Moonfish	46	44	2	0.10
Wahoo	375	367	8	0.81
Oilfish	298	292	6	0.64
Pomfret	727	689	38	1.57
Total	1,573	1,519	54	3.39
Total PMUS	5,832	4,765	1,067	12.59
Total Non-PMUS	63	4	59	0.14
Total All Species	5,895	4,769	1,126	12.72

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 April - 30 June, 2013
 Set Types All Sets
 Fishing Area Hawaiian Islands EEZ + PRIA EEZ

Number of vessels active	103
Number of trips (partial or completed)	162
Number of sets	986
Number of hooks set	2,173,516

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	351	349	2	0.16
Striped marlin	904	897	7	0.42
Shortbill spearfish	925	916	9	0.43
Swordfish	1,819	1,692	127	0.84
Other billfishes	24	24	0	0.01
Total	4,023	3,878	145	1.85
Shark PMUS				
Blue shark	2,866	1	2,865	1.32
Mako sharks	208	53	155	0.10
Thresher sharks	314	12	302	0.14
Oceanic whitetip shark	112	0	112	0.05
Silky shark	43	0	43	0.02
Other Sharks	207	0	207	0.10
Total	3,750	66	3,684	1.73
Tuna PMUS				
Albacore	1,205	1,191	14	0.55
Bigeye tuna	4,996	4,833	163	2.30
Yellowfin tuna	1,377	1,328	49	0.63
Bluefin tuna	0	0	0	0.00
Skipjack tuna	1,854	1,810	44	0.85
Other tunas	0	0	0	0.00
Total	9,432	9,162	270	4.34
Other PMUS				
Mahimahi	4,000	3,969	31	1.84
Moonfish	672	668	4	0.31
Wahoo	1,014	1,002	12	0.47
Oilfish	1,579	1,546	33	0.73
Pomfret	1,997	1,942	55	0.92
Total	9,262	9,127	135	4.26
Total PMUS	26,467	22,233	4,234	12.18
Total Non-PMUS	323	168	155	0.15
Total All Species	26,790	22,401	4,389	12.33

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		Number of vessels active		127
Time Period	1 April - 30 June, 2013	Number of trips (partial or completed)		370
Set Types	All Sets	Number of sets		3,861
Fishing Area	Outside U.S. EEZ	Number of hooks set		9,483,849

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	927	923	4	0.10
Striped marlin	1,579	1,576	3	0.17
Shortbill spearfish	1,799	1,795	4	0.19
Swordfish	2,485	2,381	104	0.26
Other billfishes	40	39	1	0.00
Total	6,830	6,714	116	0.72
Shark PMUS				
Blue shark	7,764	0	7,764	0.82
Mako sharks	745	139	606	0.08
Thresher sharks	1,559	14	1,545	0.16
Oceanic whitetip shark	73	0	73	0.01
Silky shark	0	0	0	0.00
Other Sharks	79	0	79	0.01
Total	10,220	153	10,067	1.08
Tuna PMUS				
Albacore	3,037	3,028	9	0.32
Bigeye tuna	27,899	27,674	225	2.94
Yellowfin tuna	1,876	1,858	18	0.20
Bluefin tuna	0	0	0	0.00
Skipjack tuna	4,201	4,159	42	0.44
Other tunas	1	1	0	0.00
Total	37,014	36,720	294	3.90
Other PMUS				
Mahimahi	12,108	12,025	83	1.28
Moonfish	6,198	6,188	10	0.65
Wahoo	3,979	3,972	7	0.42
Oilfish	7,119	7,014	105	0.75
Pomfret	20,451	20,360	91	2.16
Total	49,855	49,559	296	5.26
Total PMUS	103,919	93,146	10,773	10.96
Total Non-PMUS	1,106	198	908	0.12
Total All Species	105,025	93,344	11,681	11.07

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		8
Time Period	1 April - 30 June, 2013	Number of trips (partial or completed)		17
Set Types	Shallow sets	Number of sets		251
Fishing Area	All Areas	Number of hooks set		279,948

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	57	56	1	0.20
Striped marlin	354	351	3	1.26
Shortbill spearfish	43	41	2	0.15
Swordfish	2,657	2,453	204	9.49
Other billfishes	0	0	0	0.00
Total	3,111	2,901	210	11.11
Shark PMUS				
Blue shark	1,069	0	1,069	3.82
Mako sharks	154	40	114	0.55
Thresher sharks	34	0	34	0.12
Oceanic whitetip shark	27	0	27	0.10
Silky shark	0	0	0	0.00
Other Sharks	5	0	5	0.02
Total	1,289	40	1,249	4.60
Tuna PMUS				
Albacore	13	13	0	0.05
Bigeye tuna	161	159	2	0.58
Yellowfin tuna	100	100	0	0.36
Bluefin tuna	0	0	0	0.00
Skipjack tuna	7	7	0	0.03
Other tunas	0	0	0	0.00
Total	281	279	2	1.00
Other PMUS				
Mahimahi	3,133	3,090	43	11.19
Moonfish	1	1	0	0.00
Wahoo	17	17	0	0.06
Oilfish	354	322	32	1.26
Pomfret	4	4	0	0.01
Total	3,509	3,434	75	12.53
Total PMUS	8,190	6,654	1,536	29.26
Total Non-PMUS	1	1	0	0.00
Total All Species	8,191	6,655	1,536	29.26

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 April - 30 June, 2013
 Set Types Deep sets
 Fishing Area All Areas

Number of vessels active	125
Number of trips (partial or completed)	387
Number of sets	4,596
Number of hooks set	11,377,417

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	1,221	1,216	5	0.11
Striped marlin	2,129	2,122	7	0.19
Shortbill spearfish	2,681	2,670	11	0.24
Swordfish	1,647	1,620	27	0.14
Other billfishes	64	63	1	0.01
Total	7,742	7,691	51	0.68
Shark PMUS				
Blue shark	9,561	1	9,560	0.84
Mako sharks	799	152	647	0.07
Thresher sharks	1,839	26	1,813	0.16
Oceanic whitetip shark	158	0	158	0.01
Silky shark	43	0	43	0.00
Other Sharks	281	0	281	0.02
Total	12,681	179	12,502	1.11
Tuna PMUS				
Albacore	4,229	4,206	23	0.37
Bigeye tuna	32,734	32,348	386	2.88
Yellowfin tuna	3,153	3,086	67	0.28
Bluefin tuna	0	0	0	0.00
Skipjack tuna	6,048	5,962	86	0.53
Other tunas	1	1	0	0.00
Total	46,165	45,603	562	4.06
Other PMUS				
Mahimahi	12,975	12,904	71	1.14
Moonfish	6,869	6,855	14	0.60
Wahoo	4,976	4,957	19	0.44
Oilfish	8,344	8,238	106	0.73
Pomfret	22,444	22,298	146	1.97
Total	55,608	55,252	356	4.89
Total PMUS	122,196	108,725	13,471	10.74
Total Non-PMUS	1,428	365	1,063	0.13
Total All Species	123,624	109,090	14,534	10.87