

**The Hawaii Limited-access Longline Logbook Summary Report
1 October to 31 December 2015¹**

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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. Effort and catch 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-16-036.
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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 October - 31 December, 2015
 Set Types All Sets
 Fishing Area All Areas

Number of vessels active	132
Number of trips (partial or completed)	443
Number of sets	5,332
Number of hooks set	13,529,605

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	2,506	2,471	35	0.19
Striped marlin	6,455	6,377	78	0.48
Shortbill spearfish	5,728	5,660	68	0.42
Swordfish	1,924	1,685	239	0.14
Other billfishes	171	167	4	0.01
Total	16,784	16,360	424	1.24
Shark PMUS				
Blue shark	27,578	0	27,578	2.04
Mako sharks	1,252	187	1,065	0.09
Thresher sharks	1,387	20	1,367	0.10
Oceanic whitetip shark	239	0	239	0.02
Silky shark	14	0	14	0.00
Other Sharks	143	0	143	0.01
Total	30,613	207	30,406	2.26
Tuna PMUS				
Albacore	516	516	0	0.04
Bigeye tuna	62,489	61,298	1,191	4.62
Yellowfin tuna	11,206	11,069	137	0.83
Bluefin tuna	0	0	0	0.00
Skipjack tuna	3,673	3,615	58	0.27
Other tunas	0	0	0	0.00
Total	77,884	76,498	1,386	5.76
Other PMUS				
Mahimahi	14,406	14,333	73	1.06
Moonfish	6,360	6,293	67	0.47
Wahoo	4,878	4,859	19	0.36
Oilfish	8,811	8,459	352	0.65
Pomfret	13,867	13,836	31	1.02
Total	48,322	47,780	542	3.57
Total PMUS	173,603	140,845	32,758	12.83
Total Non-PMUS	904	249	655	0.07
Total All Species	174,507	141,094	33,413	12.90

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 October - 31 December, 2015
 Set Types All Sets
 Fishing Area Hawaiian Islands EEZ + PRIA EEZ

Number of vessels active	118
Number of trips (partial or completed)	318
Number of sets	2,971
Number of hooks set	7,465,607

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	1,457	1,454	3	0.20
Striped marlin	4,234	4,199	35	0.57
Shortbill spearfish	3,360	3,340	20	0.45
Swordfish	518	415	103	0.07
Other billfishes	99	98	1	0.01
Total	9,668	9,506	162	1.30
Shark PMUS				
Blue shark	14,565	0	14,565	1.95
Mako sharks	411	89	322	0.06
Thresher sharks	860	18	842	0.12
Oceanic whitetip shark	139	0	139	0.02
Silky shark	12	0	12	0.00
Other Sharks	68	0	68	0.01
Total	16,055	107	15,948	2.15
Tuna PMUS				
Albacore	343	343	0	0.05
Bigeye tuna	34,661	34,198	463	4.64
Yellowfin tuna	6,700	6,639	61	0.90
Bluefin tuna	0	0	0	0.00
Skipjack tuna	1,557	1,532	25	0.21
Other tunas	0	0	0	0.00
Total	43,261	42,712	549	5.79
Other PMUS				
Mahimahi	5,936	5,904	32	0.80
Moonfish	1,324	1,321	3	0.18
Wahoo	2,551	2,542	9	0.34
Oilfish	4,741	4,664	77	0.64
Pomfret	6,941	6,937	4	0.93
Total	21,493	21,368	125	2.88
Total PMUS	90,477	73,693	16,784	12.12
Total Non-PMUS	235	46	189	0.03
Total All Species	90,712	73,739	16,973	12.15

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

Time Period 1 October - 31 December, 2015
 Set Types All Sets
 Fishing Area Outside U.S. EEZ

Number of vessels active	124
Number of trips (partial or completed)	276
Number of sets	2,361
Number of hooks set	6,063,998

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	1,049	1,017	32	0.17
Striped marlin	2,221	2,178	43	0.37
Shortbill spearfish	2,368	2,320	48	0.39
Swordfish	1,406	1,270	136	0.23
Other billfishes	72	69	3	0.01
Total	7,116	6,854	262	1.17
Shark PMUS				
Blue shark	13,013	0	13,013	2.15
Mako sharks	841	98	743	0.14
Thresher sharks	527	2	525	0.09
Oceanic whitetip shark	100	0	100	0.02
Silky shark	2	0	2	0.00
Other Sharks	75	0	75	0.01
Total	14,558	100	14,458	2.40
Tuna PMUS				
Albacore	173	173	0	0.03
Bigeye tuna	27,828	27,100	728	4.59
Yellowfin tuna	4,506	4,430	76	0.74
Bluefin tuna	0	0	0	0.00
Skipjack tuna	2,116	2,083	33	0.35
Other tunas	0	0	0	0.00
Total	34,623	33,786	837	5.71
Other PMUS				
Mahimahi	8,470	8,429	41	1.40
Moonfish	5,036	4,972	64	0.83
Wahoo	2,327	2,317	10	0.38
Oilfish	4,070	3,795	275	0.67
Pomfret	6,926	6,899	27	1.14
Total	26,829	26,412	417	4.42
Total PMUS	83,126	67,152	15,974	13.71
Total Non-PMUS	669	203	466	0.11
Total All Species	83,795	67,355	16,440	13.82

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 October - 31 December, 2015
 Set Types Shallow sets
 Fishing Area All Areas

Number of vessels active	7
Number of trips (partial or completed)	9
Number of sets	116
Number of hooks set	126,753

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	1	0	1	0.01
Striped marlin	4	0	4	0.03
Shortbill spearfish	4	0	4	0.03
Swordfish	986	902	84	7.78
Other billfishes	1	0	1	0.01
Total	996	902	94	7.86
Shark PMUS				
Blue shark	1,991	0	1,991	15.71
Mako sharks	336	25	311	2.65
Thresher sharks	3	0	3	0.02
Oceanic whitetip shark	0	0	0	0.00
Silky shark	0	0	0	0.00
Other Sharks	25	0	25	0.20
Total	2,355	25	2,330	18.58
Tuna PMUS				
Albacore	0	0	0	0.00
Bigeye tuna	62	27	35	0.49
Yellowfin tuna	22	22	0	0.17
Bluefin tuna	0	0	0	0.00
Skipjack tuna	5	5	0	0.04
Other tunas	0	0	0	0.00
Total	89	54	35	0.70
Other PMUS				
Mahimahi	82	76	6	0.65
Moonfish	300	245	55	2.37
Wahoo	0	0	0	0.00
Oilfish	213	92	121	1.68
Pomfret	7	5	2	0.06
Total	602	418	184	4.75
Total PMUS	4,042	1,399	2,643	31.89
Total Non-PMUS	0	0	0	0.00
Total All Species	4,042	1,399	2,643	31.89

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		Number of vessels active		
Time Period	1 October - 31 December, 2015	129		
Set Types	Deep sets	Number of trips (partial or completed) 434		
Fishing Area	All Areas	Number of sets 5,216		
		Number of hooks set 13,402,852		

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	2,505	2,471	34	0.19
Striped marlin	6,451	6,377	74	0.48
Shortbill spearfish	5,724	5,660	64	0.43
Swordfish	938	783	155	0.07
Other billfishes	170	167	3	0.01
Total	15,788	15,458	330	1.18
Shark PMUS				
Blue shark	25,587	0	25,587	1.91
Mako sharks	916	162	754	0.07
Thresher sharks	1,384	20	1,364	0.10
Oceanic whitetip shark	239	0	239	0.02
Silky shark	14	0	14	0.00
Other Sharks	118	0	118	0.01
Total	28,258	182	28,076	2.11
Tuna PMUS				
Albacore	516	516	0	0.04
Bigeye tuna	62,427	61,271	1,156	4.66
Yellowfin tuna	11,184	11,047	137	0.83
Bluefin tuna	0	0	0	0.00
Skipjack tuna	3,668	3,610	58	0.27
Other tunas	0	0	0	0.00
Total	77,795	76,444	1,351	5.80
Other PMUS				
Mahimahi	14,324	14,257	67	1.07
Moonfish	6,060	6,048	12	0.45
Wahoo	4,878	4,859	19	0.36
Oilfish	8,598	8,367	231	0.64
Pomfret	13,860	13,831	29	1.03
Total	47,720	47,362	358	3.56
Total PMUS	169,561	139,446	30,115	12.65
Total Non-PMUS	904	249	655	0.07
Total All Species	170,465	139,695	30,770	12.72