

The Hawaii Limited Access Longline Logbook Summary Report January to June 2017¹

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The following tables represent preliminary summaries of effort, retained catch (kept) and discards (released) as reported on longline log sheets for the Hawaii limited-access longline fishery. To satisfy confidentiality and 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 HICA20170915 RFMO 5x5 NON CONF database extraction done on 18 September 2017. When a statistic (number of vessels, trips) can involve dates of haul in two summary periods (i.e. years, semi-annual or quarters) the item is counted in both summary periods. Thus, a vessel or trip total is for "partial or completed" vessel or trip summary. As such, these are not additive statistics (i.e. sum of four quarters is not the total for the year, etc.).

¹PIFSC Data Report DR-17-033.

Table 1. Six-month 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 - 30 June, 2017
 Set Types All Sets
 Fishing Area All Areas

Number of vessels active	141
Number of trips (partial or completed)	825
Number of sets	10,244
Number of hooks set	26,287,095

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	3,938	3,919	19	0.15
Striped marlin	6,194	6,079	115	0.24
Shortbill spearfish	12,428	12,317	111	0.47
Swordfish	14,856	13,872	984	0.57
Other billfishes	205	201	4	0.01
Total	37,621	36,388	1,233	1.43
Shark PMUS				
Blue shark	37,031	0	37,031	1.41
Mako sharks	3,210	477	2,733	0.12
Thresher sharks	4,303	7	4,296	0.16
Oceanic whitetip shark	295	0	295	0.01
Silky shark	107	0	107	0.00
Other Sharks	279	2	277	0.01
Total	45,225	486	44,739	1.72
Tuna PMUS				
Albacore	3,550	3,512	38	0.14
Bigeye tuna	113,793	111,625	2,168	4.33
Yellowfin tuna	33,539	32,667	872	1.28
Bluefin tuna	8	7	1	0.00
Skipjack tuna	15,707	15,289	418	0.60
Other tunas	0	0	0	0.00
Total	166,597	163,100	3,497	6.34
Other PMUS				
Mahimahi	19,013	18,854	159	0.72
Moonfish	13,270	13,155	115	0.50
Wahoo	13,550	13,485	65	0.52
Oilfish	10,541	8,823	1,718	0.40
Pomfret	36,067	35,901	166	1.37
Total	92,441	90,218	2,223	3.52
Total PMUS	341,884	290,192	51,692	13.01
Total Non-PMUS	1,927	191	1,736	0.07
Total All Species	343,811	290,383	53,428	13.08

Table 4. Six-month 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 - 30 June, 2017
 Set Types All Sets
 Fishing Area Hawaiian Islands EEZ + PRIA EEZ

Number of vessels active	108
Number of trips (partial or completed)	279
Number of sets	1,462
Number of hooks set	3,725,457

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	734	728	6	0.20
Striped marlin	1,166	1,163	3	0.31
Shortbill spearfish	2,570	2,556	14	0.69
Swordfish	1,181	1,115	66	0.32
Other billfishes	90	90	0	0.02
Total	5,741	5,652	89	1.54
Shark PMUS				
Blue shark	5,634	0	5,634	1.51
Mako sharks	431	73	358	0.12
Thresher sharks	391	2	389	0.10
Oceanic whitetip shark	130	0	130	0.03
Silky shark	40	0	40	0.01
Other Sharks	31	0	31	0.01
Total	6,657	75	6,582	1.79
Tuna PMUS				
Albacore	110	110	0	0.03
Bigeye tuna	14,675	14,314	361	3.94
Yellowfin tuna	6,907	6,622	285	1.85
Bluefin tuna	0	0	0	0.00
Skipjack tuna	3,191	3,145	46	0.86
Other tunas	0	0	0	0.00
Total	24,883	24,191	692	6.68
Other PMUS				
Mahimahi	2,232	2,188	44	0.60
Moonfish	494	493	1	0.13
Wahoo	1,709	1,703	6	0.46
Oilfish	1,599	1,204	395	0.43
Pomfret	2,846	2,833	13	0.76
Total	8,880	8,421	459	2.38
Total PMUS	46,161	38,339	7,822	12.39
Total Non-PMUS	76	69	7	0.02
Total All Species	46,237	38,408	7,829	12.41

Table 5. Six-month 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 - 30 June, 2017
 Set Types All Sets
 Fishing Area Outside U.S. EEZ

Number of vessels active	141
Number of trips (partial or completed)	752
Number of sets	8,782
Number of hooks set	22,561,638

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	3,204	3,191	13	0.14
Striped marlin	5,028	4,916	112	0.22
Shortbill spearfish	9,858	9,761	97	0.44
Swordfish	13,675	12,757	918	0.61
Other billfishes	115	111	4	0.01
Total	31,880	30,736	1,144	1.41
Shark PMUS				
Blue shark	31,397	0	31,397	1.39
Mako sharks	2,779	404	2,375	0.12
Thresher sharks	3,912	5	3,907	0.17
Oceanic whitetip shark	165	0	165	0.01
Silky shark	67	0	67	0.00
Other Sharks	248	2	246	0.01
Total	38,568	411	38,157	1.71
Tuna PMUS				
Albacore	3,440	3,402	38	0.15
Bigeye tuna	99,118	97,311	1,807	4.39
Yellowfin tuna	26,632	26,045	587	1.18
Bluefin tuna	8	7	1	0.00
Skipjack tuna	12,516	12,144	372	0.55
Other tunas	0	0	0	0.00
Total	141,714	138,909	2,805	6.28
Other PMUS				
Mahimahi	16,781	16,666	115	0.74
Moonfish	12,776	12,662	114	0.57
Wahoo	11,841	11,782	59	0.52
Oilfish	8,942	7,619	1,323	0.40
Pomfret	33,221	33,068	153	1.47
Total	83,561	81,797	1,764	3.70
Total PMUS	295,723	251,853	43,870	13.11
Total Non-PMUS	1,851	122	1,729	0.08
Total All Species	297,574	251,975	45,599	13.19

Table 6. Six-month 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 - 30 June, 2017
 Set Types Shallow sets
 Fishing Area All Areas

Number of vessels active	15
Number of trips (partial or completed)	49
Number of sets	763
Number of hooks set	808,665

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	55	52	3	0.07
Striped marlin	370	318	52	0.46
Shortbill spearfish	141	133	8	0.17
Swordfish	10,939	10,013	926	13.53
Other billfishes	15	14	1	0.02
Total	11,520	10,530	990	14.25
Shark PMUS				
Blue shark	6,767	0	6,767	8.37
Mako sharks	709	134	575	0.88
Thresher sharks	56	0	56	0.07
Oceanic whitetip shark	21	0	21	0.03
Silky shark	7	0	7	0.01
Other Sharks	5	0	5	0.01
Total	7,565	134	7,431	9.35
Tuna PMUS				
Albacore	97	79	18	0.12
Bigeye tuna	1,223	1,162	61	1.51
Yellowfin tuna	1,068	1,022	46	1.32
Bluefin tuna	0	0	0	0.00
Skipjack tuna	49	49	0	0.06
Other tunas	0	0	0	0.00
Total	2,437	2,312	125	3.01
Other PMUS				
Mahimahi	1,077	1,047	30	1.33
Moonfish	89	76	13	0.11
Wahoo	58	58	0	0.07
Oilfish	507	296	211	0.63
Pomfret	24	18	6	0.03
Total	1,755	1,495	260	2.17
Total PMUS	23,277	14,471	8,806	28.78
Total Non-PMUS	13	7	6	0.02
Total All Species	23,290	14,478	8,812	28.80

Table 7. Six-month 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 - 30 June, 2017
 Set Types Deep sets
 Fishing Area All Areas

Number of vessels active	140
Number of trips (partial or completed)	776
Number of sets	9,481
Number of hooks set	25,478,430

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	3,883	3,867	16	0.15
Striped marlin	5,824	5,761	63	0.23
Shortbill spearfish	12,287	12,184	103	0.48
Swordfish	3,917	3,859	58	0.15
Other billfishes	190	187	3	0.01
Total	26,101	25,858	243	1.02
Shark PMUS				
Blue shark	30,264	0	30,264	1.19
Mako sharks	2,501	343	2,158	0.10
Thresher sharks	4,247	7	4,240	0.17
Oceanic whitetip shark	274	0	274	0.01
Silky shark	100	0	100	0.00
Other Sharks	274	2	272	0.01
Total	37,660	352	37,308	1.48
Tuna PMUS				
Albacore	3,453	3,433	20	0.14
Bigeye tuna	112,570	110,463	2,107	4.42
Yellowfin tuna	32,471	31,645	826	1.27
Bluefin tuna	8	7	1	0.00
Skipjack tuna	15,658	15,240	418	0.61
Other tunas	0	0	0	0.00
Total	164,160	160,788	3,372	6.44
Other PMUS				
Mahimahi	17,936	17,807	129	0.70
Moonfish	13,181	13,079	102	0.52
Wahoo	13,492	13,427	65	0.53
Oilfish	10,034	8,527	1,507	0.39
Pomfret	36,043	35,883	160	1.41
Total	90,686	88,723	1,963	3.56
Total PMUS	318,607	275,721	42,886	12.50
Total Non-PMUS	1,914	184	1,730	0.08
Total All Species	320,521	275,905	44,616	12.58