

The Hawaii Limited-access Longline Logbook Summary Report 1 January to 30 June 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-16-031.
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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, 2015
 Set Types All Sets
 Fishing Area All Areas

Number of vessels active	141
Number of trips (partial or completed)	822
Number of sets	10,373
Number of hooks set	25,085,449

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	4,351	4,312	39	0.17
Striped marlin	5,319	5,266	53	0.21
Shortbill spearfish	10,212	10,107	105	0.41
Swordfish	16,891	15,557	1,334	0.67
Other billfishes	348	347	1	0.01
Total	37,121	35,589	1,532	1.48
Shark PMUS				
Blue shark	34,931	0	34,931	1.39
Mako sharks	2,967	378	2,589	0.12
Thresher sharks	13,072	43	13,029	0.52
Oceanic whitetip shark	766	1	765	0.03
Silky shark	128	0	128	0.01
Other Sharks	280	0	280	0.01
Total	52,144	422	51,722	2.08
Tuna PMUS				
Albacore	9,477	9,439	38	0.38
Bigeye tuna	114,489	112,981	1,508	4.56
Yellowfin tuna	13,796	13,254	542	0.55
Bluefin tuna	2	2	0	0.00
Skipjack tuna	21,974	21,467	507	0.88
Other tunas	3	3	0	0.00
Total	159,741	157,146	2,595	6.37
Other PMUS				
Mahimahi	36,577	35,844	733	1.46
Moonfish	10,320	10,088	232	0.41
Wahoo	17,225	17,175	50	0.69
Oilfish	18,094	16,336	1,758	0.72
Pomfret	68,591	68,225	366	2.73
Total	150,807	147,668	3,139	6.01
Total PMUS	399,813	340,825	58,988	15.94
Total Non-PMUS	1,901	666	1,235	0.08
Total All Species	401,714	341,491	60,223	16.01

Table 2. 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		Summary Statistics		
Time Period	1 January - 30 June, 2015	Number of vessels active	125	
Set Types	All Sets	Number of trips (partial or completed)	445	
Fishing Area	Hawaiian Islands EEZ + PRIA EEZ	Number of sets	2,963	
		Number of hooks set	7,139,059	

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	1,161	1,148	13	0.16
Striped marlin	1,792	1,784	8	0.25
Shortbill spearfish	3,745	3,716	29	0.52
Swordfish	2,816	2,628	188	0.39
Other billfishes	58	58	0	0.01
Total	9,572	9,334	238	1.34
Shark PMUS				
Blue shark	8,574	0	8,574	1.20
Mako sharks	699	161	538	0.10
Thresher sharks	1,558	14	1,544	0.22
Oceanic whitetip shark	439	1	438	0.06
Silky shark	106	0	106	0.01
Other Sharks	115	0	115	0.02
Total	11,491	176	11,315	1.61
Tuna PMUS				
Albacore	2,718	2,706	12	0.38
Bigeye tuna	27,367	26,952	415	3.83
Yellowfin tuna	5,086	4,880	206	0.71
Bluefin tuna	0	0	0	0.00
Skipjack tuna	8,024	7,849	175	1.12
Other tunas	0	0	0	0.00
Total	43,195	42,387	808	6.05
Other PMUS				
Mahimahi	10,209	9,969	240	1.43
Moonfish	1,387	1,386	1	0.19
Wahoo	3,919	3,901	18	0.55
Oilfish	5,030	4,618	412	0.70
Pomfret	14,945	14,798	147	2.09
Total	35,490	34,672	818	4.97
Total PMUS	99,748	86,569	13,179	13.97
Total Non-PMUS	892	394	498	0.12
Total All Species	100,640	86,963	13,677	14.10

Table 3. 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, 2015
 Set Types All Sets
 Fishing Area Outside U.S. EEZ

Number of vessels active	140
Number of trips (partial or completed)	707
Number of sets	7,410
Number of hooks set	17,946,390

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	3,190	3,164	26	0.18
Striped marlin	3,527	3,482	45	0.20
Shortbill spearfish	6,467	6,391	76	0.36
Swordfish	14,075	12,929	1,146	0.78
Other billfishes	290	289	1	0.02
Total	27,549	26,255	1,294	1.54
Shark PMUS				
Blue shark	26,357	0	26,357	1.47
Mako sharks	2,268	217	2,051	0.13
Thresher sharks	11,514	29	11,485	0.64
Oceanic whitetip shark	327	0	327	0.02
Silky shark	22	0	22	0.00
Other Sharks	165	0	165	0.01
Total	40,653	246	40,407	2.27
Tuna PMUS				
Albacore	6,759	6,733	26	0.38
Bigeye tuna	87,122	86,029	1,093	4.85
Yellowfin tuna	8,710	8,374	336	0.49
Bluefin tuna	2	2	0	0.00
Skipjack tuna	13,950	13,618	332	0.78
Other tunas	3	3	0	0.00
Total	116,546	114,759	1,787	6.49
Other PMUS				
Mahimahi	26,368	25,875	493	1.47
Moonfish	8,933	8,702	231	0.50
Wahoo	13,306	13,274	32	0.74
Oilfish	13,064	11,718	1,346	0.73
Pomfret	53,646	53,427	219	2.99
Total	115,317	112,996	2,321	6.43
Total PMUS	300,065	254,256	45,809	16.72
Total Non-PMUS	1,009	272	737	0.06
Total All Species	301,074	254,528	46,546	16.78

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, 2015
 Set Types Shallow sets
 Fishing Area All Areas

Number of vessels active	21
Number of trips (partial or completed)	58
Number of sets	963
Number of hooks set	1,075,744

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	38	30	8	0.04
Striped marlin	212	196	16	0.20
Shortbill spearfish	92	78	14	0.09
Swordfish	13,617	12,347	1,270	12.66
Other billfishes	5	5	0	0.00
Total	13,964	12,656	1,308	12.98
Shark PMUS				
Blue shark	9,246	0	9,246	8.59
Mako sharks	1,061	119	942	0.99
Thresher sharks	41	3	38	0.04
Oceanic whitetip shark	7	0	7	0.01
Silky shark	0	0	0	0.00
Other Sharks	30	0	30	0.03
Total	10,385	122	10,263	9.65
Tuna PMUS				
Albacore	295	282	13	0.27
Bigeye tuna	1,240	1,205	35	1.15
Yellowfin tuna	107	101	6	0.10
Bluefin tuna	0	0	0	0.00
Skipjack tuna	37	36	1	0.03
Other tunas	0	0	0	0.00
Total	1,679	1,624	55	1.56
Other PMUS				
Mahimahi	2,440	2,369	71	2.27
Moonfish	345	272	73	0.32
Wahoo	11	10	1	0.01
Oilfish	930	685	245	0.86
Pomfret	114	78	36	0.11
Total	3,840	3,414	426	3.57
Total PMUS	29,868	17,816	12,052	27.76
Total Non-PMUS	1	0	1	0.00
Total All Species	29,869	17,816	12,053	27.77

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, 2015
 Set Types Deep sets
 Fishing Area All Areas

Number of vessels active	141
Number of trips (partial or completed)	764
Number of sets	9,410
Number of hooks set	24,009,705

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	4,313	4,282	31	0.18
Striped marlin	5,107	5,070	37	0.21
Shortbill spearfish	10,120	10,029	91	0.42
Swordfish	3,274	3,210	64	0.14
Other billfishes	343	342	1	0.01
Total	23,157	22,933	224	0.96
Shark PMUS				
Blue shark	25,685	0	25,685	1.07
Mako sharks	1,906	259	1,647	0.08
Thresher sharks	13,031	40	12,991	0.54
Oceanic whitetip shark	759	1	758	0.03
Silky shark	128	0	128	0.01
Other Sharks	250	0	250	0.01
Total	41,759	300	41,459	1.74
Tuna PMUS				
Albacore	9,182	9,157	25	0.38
Bigeye tuna	113,249	111,776	1,473	4.72
Yellowfin tuna	13,689	13,153	536	0.57
Bluefin tuna	2	2	0	0.00
Skipjack tuna	21,937	21,431	506	0.91
Other tunas	3	3	0	0.00
Total	158,062	155,522	2,540	6.58
Other PMUS				
Mahimahi	34,137	33,475	662	1.42
Moonfish	9,975	9,816	159	0.42
Wahoo	17,214	17,165	49	0.72
Oilfish	17,164	15,651	1,513	0.71
Pomfret	68,477	68,147	330	2.85
Total	146,967	144,254	2,713	6.12
Total PMUS	369,945	323,009	46,936	15.41
Total Non-PMUS	1,900	666	1,234	0.08
Total All Species	371,845	323,675	48,170	15.49