

The Hawaii Limited-access Longline Logbook Summary Report 1 July to 30 September 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-16-035.
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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 July - 30 September, 2015
 Set Types All Sets
 Fishing Area All Areas

Number of vessels active	135
Number of trips (partial or completed)	367
Number of sets	3,965
Number of hooks set	10,309,601

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	707	696	11	0.07
Striped marlin	1,613	1,600	13	0.16
Shortbill spearfish	2,019	1,961	58	0.20
Swordfish	1,649	1,505	144	0.16
Other billfishes	88	87	1	0.01
Total	6,076	5,849	227	0.59
Shark PMUS				
Blue shark	16,946	0	16,946	1.64
Mako sharks	841	136	705	0.08
Thresher sharks	566	9	557	0.05
Oceanic whitetip shark	42	1	41	0.00
Silky shark	4	0	4	0.00
Other Sharks	60	0	60	0.01
Total	18,459	146	18,313	1.79
Tuna PMUS				
Albacore	520	520	0	0.05
Bigeye tuna	54,322	53,525	797	5.27
Yellowfin tuna	2,821	2,802	19	0.27
Bluefin tuna	0	0	0	0.00
Skipjack tuna	1,362	1,339	23	0.13
Other tunas	0	0	0	0.00
Total	59,025	58,186	839	5.73
Other PMUS				
Mahimahi	12,041	11,915	126	1.17
Moonfish	13,328	13,103	225	1.29
Wahoo	2,812	2,806	6	0.27
Oilfish	4,635	4,268	367	0.45
Pomfret	15,124	15,067	57	1.47
Total	47,940	47,159	781	4.65
Total PMUS	131,500	111,340	20,160	12.76
Total Non-PMUS	2,081	106	1,975	0.20
Total All Species	133,581	111,446	22,135	12.96

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		Number of vessels active		14
Time Period	1 July - 30 September, 2015	Number of trips (partial or completed)		17
Set Types	All Sets	Number of sets		67
Fishing Area	Hawaiian Islands EEZ + PRIA EEZ	Number of hooks set		169,225

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	49	48	1	0.29
Striped marlin	26	26	0	0.15
Shortbill spearfish	56	55	1	0.33
Swordfish	15	15	0	0.09
Other billfishes	4	4	0	0.02
Total	150	148	2	0.89
Shark PMUS				
Blue shark	341	0	341	2.02
Mako sharks	14	1	13	0.08
Thresher sharks	47	1	46	0.28
Oceanic whitetip shark	11	0	11	0.07
Silky shark	2	0	2	0.01
Other Sharks	7	0	7	0.04
Total	422	2	420	2.49
Tuna PMUS				
Albacore	70	70	0	0.41
Bigeye tuna	308	196	112	1.82
Yellowfin tuna	179	178	1	1.06
Bluefin tuna	0	0	0	0.00
Skipjack tuna	227	227	0	1.34
Other tunas	0	0	0	0.00
Total	784	671	113	4.63
Other PMUS				
Mahimahi	61	61	0	0.36
Moonfish	38	38	0	0.22
Wahoo	95	95	0	0.56
Oilfish	151	151	0	0.89
Pomfret	155	155	0	0.92
Total	500	500	0	2.95
Total PMUS	1,856	1,321	535	10.97
Total Non-PMUS	50	50	0	0.30
Total All Species	1,906	1,371	535	11.26

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		135
Time Period	1 July - 30 September, 2015	Number of trips (partial or completed)		361
Set Types	All Sets	Number of sets		3,898
Fishing Area	Outside U.S. EEZ	Number of hooks set		10,140,376

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	658	648	10	0.06
Striped marlin	1,587	1,574	13	0.16
Shortbill spearfish	1,963	1,906	57	0.19
Swordfish	1,634	1,490	144	0.16
Other billfishes	84	83	1	0.01
Total	5,926	5,701	225	0.58
Shark PMUS				
Blue shark	16,605	0	16,605	1.64
Mako sharks	827	135	692	0.08
Thresher sharks	519	8	511	0.05
Oceanic whitetip shark	31	1	30	0.00
Silky shark	2	0	2	0.00
Other Sharks	53	0	53	0.01
Total	18,037	144	17,893	1.78
Tuna PMUS				
Albacore	450	450	0	0.04
Bigeye tuna	54,014	53,329	685	5.33
Yellowfin tuna	2,642	2,624	18	0.26
Bluefin tuna	0	0	0	0.00
Skipjack tuna	1,135	1,112	23	0.11
Other tunas	0	0	0	0.00
Total	58,241	57,515	726	5.74
Other PMUS				
Mahimahi	11,980	11,854	126	1.18
Moonfish	13,290	13,065	225	1.31
Wahoo	2,717	2,711	6	0.27
Oilfish	4,484	4,117	367	0.44
Pomfret	14,969	14,912	57	1.48
Total	47,440	46,659	781	4.68
Total PMUS	129,644	110,019	19,625	12.78
Total Non-PMUS	2,031	56	1,975	0.20
Total All Species	131,675	110,075	21,600	12.99

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 July - 30 September, 2015
 Set Types Shallow sets
 Fishing Area All Areas

Number of vessels active	4
Number of trips (partial or completed)	4
Number of sets	72
Number of hooks set	79,164

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	10	10	0	0.13
Striped marlin	50	50	0	0.63
Shortbill spearfish	10	10	0	0.13
Swordfish	464	401	63	5.86
Other billfishes	0	0	0	0.00
Total	534	471	63	6.75
Shark PMUS				
Blue shark	1,870	0	1,870	23.62
Mako sharks	48	19	29	0.61
Thresher sharks	7	0	7	0.09
Oceanic whitetip shark	7	1	6	0.09
Silky shark	0	0	0	0.00
Other Sharks	0	0	0	0.00
Total	1,932	20	1,912	24.41
Tuna PMUS				
Albacore	11	11	0	0.14
Bigeye tuna	55	30	25	0.69
Yellowfin tuna	10	10	0	0.13
Bluefin tuna	0	0	0	0.00
Skipjack tuna	4	3	1	0.05
Other tunas	0	0	0	0.00
Total	80	54	26	1.01
Other PMUS				
Mahimahi	122	121	1	1.54
Moonfish	14	14	0	0.18
Wahoo	5	5	0	0.06
Oilfish	184	171	13	2.32
Pomfret	6	4	2	0.08
Total	331	315	16	4.18
Total PMUS	2,877	860	2,017	36.34
Total Non-PMUS	0	0	0	0.00
Total All Species	2,877	860	2,017	36.34

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 July - 30 September, 2015
 Set Types Deep sets
 Fishing Area All Areas

Number of vessels active	134
Number of trips (partial or completed)	363
Number of sets	3,893
Number of hooks set	10,230,437

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	697	686	11	0.07
Striped marlin	1,563	1,550	13	0.15
Shortbill spearfish	2,009	1,951	58	0.20
Swordfish	1,185	1,104	81	0.12
Other billfishes	88	87	1	0.01
Total	5,542	5,378	164	0.54
Shark PMUS				
Blue shark	15,076	0	15,076	1.47
Mako sharks	793	117	676	0.08
Thresher sharks	559	9	550	0.05
Oceanic whitetip shark	35	0	35	0.00
Silky shark	4	0	4	0.00
Other Sharks	60	0	60	0.01
Total	16,527	126	16,401	1.62
Tuna PMUS				
Albacore	509	509	0	0.05
Bigeye tuna	54,267	53,495	772	5.30
Yellowfin tuna	2,811	2,792	19	0.27
Bluefin tuna	0	0	0	0.00
Skipjack tuna	1,358	1,336	22	0.13
Other tunas	0	0	0	0.00
Total	58,945	58,132	813	5.76
Other PMUS				
Mahimahi	11,919	11,794	125	1.17
Moonfish	13,314	13,089	225	1.30
Wahoo	2,807	2,801	6	0.27
Oilfish	4,451	4,097	354	0.44
Pomfret	15,118	15,063	55	1.48
Total	47,609	46,844	765	4.65
Total PMUS	128,623	110,480	18,143	12.57
Total Non-PMUS	2,081	106	1,975	0.20
Total All Species	130,704	110,586	20,118	12.78