

The Hawaii Limited-access Longline Logbook Summary Report 1 January to 31 March 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-16-033.
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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 January - 31 March, 2015
 Set Types All Sets
 Fishing Area All Areas

Number of vessels active	134
Number of trips (partial or completed)	453
Number of sets	5,259
Number of hooks set	12,425,577

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	1,162	1,146	16	0.09
Striped marlin	2,349	2,320	29	0.19
Shortbill spearfish	5,720	5,678	42	0.46
Swordfish	11,006	10,061	945	0.89
Other billfishes	159	158	1	0.01
Total	20,396	19,363	1,033	1.64
Shark PMUS				
Blue shark	17,890	0	17,890	1.44
Mako sharks	1,810	228	1,582	0.15
Thresher sharks	6,027	20	6,007	0.49
Oceanic whitetip shark	233	0	233	0.02
Silky shark	19	0	19	0.00
Other Sharks	137	0	137	0.01
Total	26,116	248	25,868	2.10
Tuna PMUS				
Albacore	4,688	4,662	26	0.38
Bigeye tuna	62,236	61,327	909	5.01
Yellowfin tuna	8,648	8,172	476	0.70
Bluefin tuna	0	0	0	0.00
Skipjack tuna	14,919	14,619	300	1.20
Other tunas	2	2	0	0.00
Total	90,493	88,782	1,711	7.28
Other PMUS				
Mahimahi	28,528	27,906	622	2.30
Moonfish	4,577	4,361	216	0.37
Wahoo	7,211	7,191	20	0.58
Oilfish	9,659	8,689	970	0.78
Pomfret	32,050	31,841	209	2.58
Total	82,025	79,988	2,037	6.60
Total PMUS	219,030	188,381	30,649	17.63
Total Non-PMUS	873	177	696	0.07
Total All Species	219,903	188,558	31,345	17.70

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 January - 31 March, 2015	Number of vessels active	110	
Set Types	All Sets	Number of trips (partial or completed)	256	
Fishing Area	Hawaiian Islands EEZ + PRIA EEZ	Number of sets	1,785	
		Number of hooks set	4,377,996	

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	266	263	3	0.06
Striped marlin	785	784	1	0.18
Shortbill spearfish	2,229	2,217	12	0.51
Swordfish	580	551	29	0.13
Other billfishes	19	19	0	0.00
Total	3,879	3,834	45	0.89
Shark PMUS				
Blue shark	3,996	0	3,996	0.91
Mako sharks	394	98	296	0.09
Thresher sharks	485	5	480	0.11
Oceanic whitetip shark	89	0	89	0.02
Silky shark	4	0	4	0.00
Other Sharks	47	0	47	0.01
Total	5,015	103	4,912	1.15
Tuna PMUS				
Albacore	1,799	1,789	10	0.41
Bigeye tuna	19,472	19,174	298	4.45
Yellowfin tuna	3,462	3,282	180	0.79
Bluefin tuna	0	0	0	0.00
Skipjack tuna	5,121	5,068	53	1.17
Other tunas	0	0	0	0.00
Total	29,854	29,313	541	6.82
Other PMUS				
Mahimahi	8,143	7,960	183	1.86
Moonfish	780	779	1	0.18
Wahoo	1,190	1,184	6	0.27
Oilfish	3,123	2,983	140	0.71
Pomfret	8,492	8,418	74	1.94
Total	21,728	21,324	404	4.96
Total PMUS	60,476	54,574	5,902	13.81
Total Non-PMUS	405	117	288	0.09
Total All Species	60,881	54,691	6,190	13.91

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 January - 31 March, 2015
 Set Types All Sets
 Fishing Area Outside U.S. EEZ

Number of vessels active	130
Number of trips (partial or completed)	368
Number of sets	3,474
Number of hooks set	8,047,581

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	896	883	13	0.11
Striped marlin	1,564	1,536	28	0.19
Shortbill spearfish	3,491	3,461	30	0.43
Swordfish	10,426	9,510	916	1.30
Other billfishes	140	139	1	0.02
Total	16,517	15,529	988	2.05
Shark PMUS				
Blue shark	13,894	0	13,894	1.73
Mako sharks	1,416	130	1,286	0.18
Thresher sharks	5,542	15	5,527	0.69
Oceanic whitetip shark	144	0	144	0.02
Silky shark	15	0	15	0.00
Other Sharks	90	0	90	0.01
Total	21,101	145	20,956	2.62
Tuna PMUS				
Albacore	2,889	2,873	16	0.36
Bigeye tuna	42,764	42,153	611	5.31
Yellowfin tuna	5,186	4,890	296	0.64
Bluefin tuna	0	0	0	0.00
Skipjack tuna	9,798	9,551	247	1.22
Other tunas	2	2	0	0.00
Total	60,639	59,469	1,170	7.54
Other PMUS				
Mahimahi	20,385	19,946	439	2.53
Moonfish	3,797	3,582	215	0.47
Wahoo	6,021	6,007	14	0.75
Oilfish	6,536	5,706	830	0.81
Pomfret	23,558	23,423	135	2.93
Total	60,297	58,664	1,633	7.49
Total PMUS	158,554	133,807	24,747	19.70
Total Non-PMUS	468	60	408	0.06
Total All Species	159,022	133,867	25,155	19.76

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 January - 31 March, 2015	Number of vessels active	21	
Set Types	Shallow sets	Number of trips (partial or completed)	44	
Fishing Area	All Areas	Number of sets	662	
		Number of hooks set	747,917	

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	10	2	8	0.01
Striped marlin	49	36	13	0.07
Shortbill spearfish	41	31	10	0.05
Swordfish	10,085	9,169	916	13.48
Other billfishes	0	0	0	0.00
Total	10,185	9,238	947	13.62
Shark PMUS				
Blue shark	6,846	0	6,846	9.15
Mako sharks	789	71	718	1.05
Thresher sharks	19	3	16	0.03
Oceanic whitetip shark	0	0	0	0.00
Silky shark	0	0	0	0.00
Other Sharks	30	0	30	0.04
Total	7,684	74	7,610	10.27
Tuna PMUS				
Albacore	273	260	13	0.37
Bigeye tuna	1,027	997	30	1.37
Yellowfin tuna	53	49	4	0.07
Bluefin tuna	0	0	0	0.00
Skipjack tuna	22	21	1	0.03
Other tunas	0	0	0	0.00
Total	1,375	1,327	48	1.84
Other PMUS				
Mahimahi	1,246	1,198	48	1.67
Moonfish	311	240	71	0.42
Wahoo	3	3	0	0.00
Oilfish	630	437	193	0.84
Pomfret	101	66	35	0.14
Total	2,291	1,944	347	3.06
Total PMUS	21,535	12,583	8,952	28.79
Total Non-PMUS	1	0	1	0.00
Total All Species	21,536	12,583	8,953	28.79

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 January - 31 March, 2015
 Set Types Deep sets
 Fishing Area All Areas

Number of vessels active	125
Number of trips (partial or completed)	409
Number of sets	4,597
Number of hooks set	11,677,660

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	1,152	1,144	8	0.10
Striped marlin	2,300	2,284	16	0.20
Shortbill spearfish	5,679	5,647	32	0.49
Swordfish	921	892	29	0.08
Other billfishes	159	158	1	0.01
Total	10,211	10,125	86	0.87
Shark PMUS				
Blue shark	11,044	0	11,044	0.95
Mako sharks	1,021	157	864	0.09
Thresher sharks	6,008	17	5,991	0.51
Oceanic whitetip shark	233	0	233	0.02
Silky shark	19	0	19	0.00
Other Sharks	107	0	107	0.01
Total	18,432	174	18,258	1.58
Tuna PMUS				
Albacore	4,415	4,402	13	0.38
Bigeye tuna	61,209	60,330	879	5.24
Yellowfin tuna	8,595	8,123	472	0.74
Bluefin tuna	0	0	0	0.00
Skipjack tuna	14,897	14,598	299	1.28
Other tunas	2	2	0	0.00
Total	89,118	87,455	1,663	7.63
Other PMUS				
Mahimahi	27,282	26,708	574	2.34
Moonfish	4,266	4,121	145	0.37
Wahoo	7,208	7,188	20	0.62
Oilfish	9,029	8,252	777	0.77
Pomfret	31,949	31,775	174	2.74
Total	79,734	78,044	1,690	6.83
Total PMUS	197,495	175,798	21,697	16.91
Total Non-PMUS	872	177	695	0.07
Total All Species	198,367	175,975	22,392	16.99