

The Hawaii Limited-access Longline Logbook Summary Report 1 October to 31 December 2014¹

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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-16-030.
Issued 25 July 2016.

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, 2014
 Set Types All Sets
 Fishing Area All Areas

Number of vessels active	129
Number of trips (partial or completed)	437
Number of sets	5,223
Number of hooks set	12,939,842

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	1,312	1,286	26	0.10
Striped marlin	5,046	5,012	34	0.39
Shortbill spearfish	2,875	2,839	36	0.22
Swordfish	3,154	2,899	255	0.24
Other billfishes	117	116	1	0.01
Total	12,504	12,152	352	0.97
Shark PMUS				
Blue shark	22,858	0	22,858	1.77
Mako sharks	1,307	183	1,124	0.10
Thresher sharks	1,042	21	1,021	0.08
Oceanic whitetip shark	108	0	108	0.01
Silky shark	4	1	3	0.00
Other Sharks	188	0	188	0.01
Total	25,507	205	25,302	1.97
Tuna PMUS				
Albacore	1,959	1,958	1	0.15
Bigeye tuna	68,794	67,858	936	5.32
Yellowfin tuna	4,323	4,260	63	0.33
Bluefin tuna	0	0	0	0.00
Skipjack tuna	8,230	8,122	108	0.64
Other tunas	22	22	0	0.00
Total	83,328	82,220	1,108	6.44
Other PMUS				
Mahimahi	16,373	16,146	227	1.27
Moonfish	5,246	5,092	154	0.41
Wahoo	4,243	4,232	11	0.33
Oilfish	9,147	8,805	342	0.71
Pomfret	13,684	13,464	220	1.06
Total	48,693	47,739	954	3.76
Total PMUS	170,032	142,316	27,716	13.14
Total Non-PMUS	503	65	438	0.04
Total All Species	170,535	142,381	28,154	13.18

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, 2014
 Set Types All Sets
 Fishing Area Hawaiian Islands EEZ + PRIA EEZ

Number of vessels active	112
Number of trips (partial or completed)	280
Number of sets	2,510
Number of hooks set	6,244,112

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	540	538	2	0.09
Striped marlin	2,507	2,502	5	0.40
Shortbill spearfish	1,455	1,450	5	0.23
Swordfish	430	413	17	0.07
Other billfishes	67	67	0	0.01
Total	4,999	4,970	29	0.80
Shark PMUS				
Blue shark	12,620	0	12,620	2.02
Mako sharks	312	68	244	0.05
Thresher sharks	549	17	532	0.09
Oceanic whitetip shark	97	0	97	0.02
Silky shark	3	1	2	0.00
Other Sharks	120	0	120	0.02
Total	13,701	86	13,615	2.19
Tuna PMUS				
Albacore	675	675	0	0.11
Bigeye tuna	31,284	30,907	377	5.01
Yellowfin tuna	2,067	2,017	50	0.33
Bluefin tuna	0	0	0	0.00
Skipjack tuna	4,320	4,264	56	0.69
Other tunas	2	2	0	0.00
Total	38,348	37,865	483	6.14
Other PMUS				
Mahimahi	5,265	5,178	87	0.84
Moonfish	1,032	1,028	4	0.17
Wahoo	1,974	1,965	9	0.32
Oilfish	4,657	4,563	94	0.75
Pomfret	5,902	5,842	60	0.95
Total	18,830	18,576	254	3.02
Total PMUS	75,878	61,497	14,381	12.15
Total Non-PMUS	423	29	394	0.07
Total All Species	76,301	61,526	14,775	12.22

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, 2014
 Set Types All Sets
 Fishing Area Outside U.S. EEZ

Number of vessels active	124
Number of trips (partial or completed)	288
Number of sets	2,713
Number of hooks set	6,695,730

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	772	748	24	0.12
Striped marlin	2,539	2,510	29	0.38
Shortbill spearfish	1,420	1,389	31	0.21
Swordfish	2,724	2,486	238	0.41
Other billfishes	50	49	1	0.01
Total	7,505	7,182	323	1.12
Shark PMUS				
Blue shark	10,238	0	10,238	1.53
Mako sharks	995	115	880	0.15
Thresher sharks	493	4	489	0.07
Oceanic whitetip shark	11	0	11	0.00
Silky shark	1	0	1	0.00
Other Sharks	68	0	68	0.01
Total	11,806	119	11,687	1.76
Tuna PMUS				
Albacore	1,284	1,283	1	0.19
Bigeye tuna	37,510	36,951	559	5.60
Yellowfin tuna	2,256	2,243	13	0.34
Bluefin tuna	0	0	0	0.00
Skipjack tuna	3,910	3,858	52	0.58
Other tunas	20	20	0	0.00
Total	44,980	44,355	625	6.72
Other PMUS				
Mahimahi	11,108	10,968	140	1.66
Moonfish	4,214	4,064	150	0.63
Wahoo	2,269	2,267	2	0.34
Oilfish	4,490	4,242	248	0.67
Pomfret	7,782	7,622	160	1.16
Total	29,863	29,163	700	4.46
Total PMUS	94,154	80,819	13,335	14.06
Total Non-PMUS	80	36	44	0.01
Total All Species	94,234	80,855	13,379	14.07

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, 2014
 Set Types Shallow sets
 Fishing Area All Areas

Number of vessels active	11
Number of trips (partial or completed)	18
Number of sets	273
Number of hooks set	291,956

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	0.00
Striped marlin	3	0	3	0.01
Shortbill spearfish	15	7	8	0.05
Swordfish	2,292	2,067	225	7.85
Other billfishes	0	0	0	0.00
Total	2,311	2,074	237	7.92
Shark PMUS				
Blue shark	2,202	0	2,202	7.54
Mako sharks	572	52	520	1.96
Thresher sharks	18	1	17	0.06
Oceanic whitetip shark	0	0	0	0.00
Silky shark	0	0	0	0.00
Other Sharks	0	0	0	0.00
Total	2,792	53	2,739	9.56
Tuna PMUS				
Albacore	30	29	1	0.10
Bigeye tuna	32	21	11	0.11
Yellowfin tuna	0	0	0	0.00
Bluefin tuna	0	0	0	0.00
Skipjack tuna	0	0	0	0.00
Other tunas	9	9	0	0.03
Total	71	59	12	0.24
Other PMUS				
Mahimahi	187	175	12	0.64
Moonfish	409	293	116	1.40
Wahoo	2	0	2	0.01
Oilfish	435	256	179	1.49
Pomfret	59	17	42	0.20
Total	1,092	741	351	3.74
Total PMUS	6,266	2,927	3,339	21.46
Total Non-PMUS	1	1	0	0.00
Total All Species	6,267	2,928	3,339	21.47

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 October - 31 December, 2014
 Set Types Deep sets
 Fishing Area All Areas

Number of vessels active	124
Number of trips (partial or completed)	419
Number of sets	4,950
Number of hooks set	12,647,886

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	1,311	1,286	25	0.10
Striped marlin	5,043	5,012	31	0.40
Shortbill spearfish	2,860	2,832	28	0.23
Swordfish	862	832	30	0.07
Other billfishes	117	116	1	0.01
Total	10,193	10,078	115	0.81
Shark PMUS				
Blue shark	20,656	0	20,656	1.63
Mako sharks	735	131	604	0.06
Thresher sharks	1,024	20	1,004	0.08
Oceanic whitetip shark	108	0	108	0.01
Silky shark	4	1	3	0.00
Other Sharks	188	0	188	0.01
Total	22,715	152	22,563	1.80
Tuna PMUS				
Albacore	1,929	1,929	0	0.15
Bigeye tuna	68,762	67,837	925	5.44
Yellowfin tuna	4,323	4,260	63	0.34
Bluefin tuna	0	0	0	0.00
Skipjack tuna	8,230	8,122	108	0.65
Other tunas	13	13	0	0.00
Total	83,257	82,161	1,096	6.58
Other PMUS				
Mahimahi	16,186	15,971	215	1.28
Moonfish	4,837	4,799	38	0.38
Wahoo	4,241	4,232	9	0.34
Oilfish	8,712	8,549	163	0.69
Pomfret	13,625	13,447	178	1.08
Total	47,601	46,998	603	3.76
Total PMUS	163,766	139,389	24,377	12.95
Total Non-PMUS	502	64	438	0.04
Total All Species	164,268	139,453	24,815	12.99