

The Hawaii Limited-access Longline Logbook Summary Report 1 January to 31 March 2014¹

Fisheries Research and Monitoring Division, Pacific Islands Fisheries Science Center, National Marine Fisheries Service, NOAA Inouye Regional Center, 1845 Wasp Boulevard, Building 176, Honolulu, HI 96818

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-16-027.
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 January - 31 March, 2014
 Set Types All Sets
 Fishing Area All Areas

Number of vessels active	133
Number of trips (partial or completed)	416
Number of sets	4,972
Number of hooks set	11,857,676

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	1,090	1,086	4	0.09
Striped marlin	5,706	5,682	24	0.48
Shortbill spearfish	7,852	7,785	67	0.66
Swordfish	8,497	7,764	733	0.72
Other billfishes	245	243	2	0.02
Total	23,390	22,560	830	1.97
Shark PMUS				
Blue shark	13,320	1	13,319	1.12
Mako sharks	1,296	156	1,140	0.11
Thresher sharks	5,092	13	5,079	0.43
Oceanic whitetip shark	139	0	139	0.01
Silky shark	1	0	1	0.00
Other Sharks	127	0	127	0.01
Total	19,975	170	19,805	1.68
Tuna PMUS				
Albacore	3,471	3,355	116	0.29
Bigeye tuna	47,449	46,798	651	4.00
Yellowfin tuna	8,568	8,454	114	0.72
Bluefin tuna	1	1	0	0.00
Skipjack tuna	9,595	9,450	145	0.81
Other tunas	9	4	5	0.00
Total	69,093	68,062	1,031	5.83
Other PMUS				
Mahimahi	17,692	17,153	539	1.49
Moonfish	3,553	3,514	39	0.30
Wahoo	6,677	6,650	27	0.56
Oilfish	10,222	9,878	344	0.86
Pomfret	23,132	23,018	114	1.95
Total	61,276	60,213	1,063	5.17
Total PMUS	173,734	151,005	22,729	14.65
Total Non-PMUS	1,703	157	1,546	0.14
Total All Species	175,437	151,162	24,275	14.80

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, 2014
 Set Types All Sets
 Fishing Area Main Hawaiian Islands EEZ

Number of vessels active	97
Number of trips (partial or completed)	186
Number of sets	861
Number of hooks set	2,130,500

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	137	136	1	0.06
Striped marlin	1,381	1,379	2	0.65
Shortbill spearfish	1,697	1,693	4	0.80
Swordfish	101	99	2	0.05
Other billfishes	21	21	0	0.01
Total	3,337	3,328	9	1.57
Shark PMUS				
Blue shark	1,782	1	1,781	0.84
Mako sharks	150	42	108	0.07
Thresher sharks	200	5	195	0.09
Oceanic whitetip shark	16	0	16	0.01
Silky shark	0	0	0	0.00
Other Sharks	5	0	5	0.00
Total	2,153	48	2,105	1.01
Tuna PMUS				
Albacore	216	216	0	0.10
Bigeye tuna	5,888	5,827	61	2.76
Yellowfin tuna	1,646	1,635	11	0.77
Bluefin tuna	0	0	0	0.00
Skipjack tuna	1,645	1,639	6	0.77
Other tunas	0	0	0	0.00
Total	9,395	9,317	78	4.41
Other PMUS				
Mahimahi	2,252	2,237	15	1.06
Moonfish	442	433	9	0.21
Wahoo	620	609	11	0.29
Oilfish	1,889	1,848	41	0.89
Pomfret	2,517	2,478	39	1.18
Total	7,720	7,605	115	3.62
Total PMUS	22,605	20,298	2,307	10.61
Total Non-PMUS	216	47	169	0.10
Total All Species	22,821	20,345	2,476	10.71

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, 2014	Number of vessels active	40	
Set Types	All Sets	Number of trips (partial or completed)	49	
Fishing Area	Northwestern Hawaiian Islands EEZ	Number of sets	251	
		Number of hooks set	651,125	

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	44	44	0	0.07
Striped marlin	723	720	3	1.11
Shortbill spearfish	458	458	0	0.70
Swordfish	54	53	1	0.08
Other billfishes	19	19	0	0.03
Total	1,298	1,294	4	1.99
Shark PMUS				
Blue shark	720	0	720	1.11
Mako sharks	53	13	40	0.08
Thresher sharks	53	0	53	0.08
Oceanic whitetip shark	13	0	13	0.02
Silky shark	1	0	1	0.00
Other Sharks	5	0	5	0.01
Total	845	13	832	1.30
Tuna PMUS				
Albacore	349	349	0	0.54
Bigeye tuna	2,463	2,397	66	3.78
Yellowfin tuna	803	773	30	1.23
Bluefin tuna	0	0	0	0.00
Skipjack tuna	1,274	1,255	19	1.96
Other tunas	0	0	0	0.00
Total	4,889	4,774	115	7.51
Other PMUS				
Mahimahi	276	276	0	0.42
Moonfish	138	138	0	0.21
Wahoo	173	173	0	0.27
Oilfish	491	489	2	0.75
Pomfret	648	645	3	1.00
Total	1,726	1,721	5	2.65
Total PMUS	8,758	7,802	956	13.45
Total Non-PMUS	7	7	0	0.01
Total All Species	8,765	7,809	956	13.46

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, 2014
 Set Types All Sets
 Fishing Area Pacific Remote Island Areas (PRIA) EEZ

Number of vessels active	30
Number of trips (partial or completed)	41
Number of sets	189
Number of hooks set	488,387

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	55	55	0	0.11
Striped marlin	190	190	0	0.39
Shortbill spearfish	196	196	0	0.40
Swordfish	62	59	3	0.13
Other billfishes	33	33	0	0.07
Total	536	533	3	1.10
Shark PMUS				
Blue shark	510	0	510	1.04
Mako sharks	16	4	12	0.03
Thresher sharks	97	1	96	0.20
Oceanic whitetip shark	62	0	62	0.13
Silky shark	0	0	0	0.00
Other Sharks	34	0	34	0.07
Total	719	5	714	1.47
Tuna PMUS				
Albacore	271	269	2	0.55
Bigeye tuna	2,933	2,897	36	6.01
Yellowfin tuna	296	291	5	0.61
Bluefin tuna	0	0	0	0.00
Skipjack tuna	453	453	0	0.93
Other tunas	0	0	0	0.00
Total	3,953	3,910	43	8.09
Other PMUS				
Mahimahi	451	451	0	0.92
Moonfish	35	35	0	0.07
Wahoo	411	411	0	0.84
Oilfish	313	313	0	0.64
Pomfret	1,015	1,013	2	2.08
Total	2,225	2,223	2	4.56
Total PMUS	7,433	6,671	762	15.22
Total Non-PMUS	3	2	1	0.01
Total All Species	7,436	6,673	763	15.23

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

Number of vessels active	109
Number of trips (partial or completed)	237
Number of sets	1,301
Number of hooks set	3,270,012

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	236	235	1	0.07
Striped marlin	2,294	2,289	5	0.70
Shortbill spearfish	2,351	2,347	4	0.72
Swordfish	217	211	6	0.07
Other billfishes	73	73	0	0.02
Total	5,171	5,155	16	1.58
Shark PMUS				
Blue shark	3,012	1	3,011	0.92
Mako sharks	219	59	160	0.07
Thresher sharks	350	6	344	0.11
Oceanic whitetip shark	91	0	91	0.03
Silky shark	1	0	1	0.00
Other Sharks	44	0	44	0.01
Total	3,717	66	3,651	1.14
Tuna PMUS				
Albacore	836	834	2	0.26
Bigeye tuna	11,284	11,121	163	3.45
Yellowfin tuna	2,745	2,699	46	0.84
Bluefin tuna	0	0	0	0.00
Skipjack tuna	3,372	3,347	25	1.03
Other tunas	0	0	0	0.00
Total	18,237	18,001	236	5.58
Other PMUS				
Mahimahi	2,979	2,964	15	0.91
Moonfish	615	606	9	0.19
Wahoo	1,204	1,193	11	0.37
Oilfish	2,693	2,650	43	0.82
Pomfret	4,180	4,136	44	1.28
Total	11,671	11,549	122	3.57
Total PMUS	38,796	34,771	4,025	11.86
Total Non-PMUS	226	56	170	0.07
Total All Species	39,022	34,827	4,195	11.93

Table 6. 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, 2014
 Set Types All Sets
 Fishing Area Outside U.S. EEZ

Number of vessels active	132
Number of trips (partial or completed)	367
Number of sets	3,671
Number of hooks set	8,587,664

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	854	851	3	0.10
Striped marlin	3,412	3,393	19	0.40
Shortbill spearfish	5,501	5,438	63	0.64
Swordfish	8,280	7,553	727	0.96
Other billfishes	172	170	2	0.02
Total	18,219	17,405	814	2.12
Shark PMUS				
Blue shark	10,308	0	10,308	1.20
Mako sharks	1,077	97	980	0.13
Thresher sharks	4,742	7	4,735	0.55
Oceanic whitetip shark	48	0	48	0.01
Silky shark	0	0	0	0.00
Other Sharks	83	0	83	0.01
Total	16,258	104	16,154	1.89
Tuna PMUS				
Albacore	2,635	2,521	114	0.31
Bigeye tuna	36,165	35,677	488	4.21
Yellowfin tuna	5,823	5,755	68	0.68
Bluefin tuna	1	1	0	0.00
Skipjack tuna	6,223	6,103	120	0.72
Other tunas	9	4	5	0.00
Total	50,856	50,061	795	5.92
Other PMUS				
Mahimahi	14,713	14,189	524	1.71
Moonfish	2,938	2,908	30	0.34
Wahoo	5,473	5,457	16	0.64
Oilfish	7,529	7,228	301	0.88
Pomfret	18,952	18,882	70	2.21
Total	49,605	48,664	941	5.78
Total PMUS	134,938	116,234	18,704	15.71
Total Non-PMUS	1,477	101	1,376	0.17
Total All Species	136,415	116,335	20,080	15.88

Table 7. 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, 2014
 Set Types Shallow sets
 Fishing Area All Areas

Number of vessels active	18
Number of trips (partial or completed)	39
Number of sets	612
Number of hooks set	680,707

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	3	1	2	0.00
Striped marlin	26	14	12	0.04
Shortbill spearfish	73	28	45	0.11
Swordfish	7,784	7,081	703	11.44
Other billfishes	8	6	2	0.01
Total	7,894	7,130	764	11.60
Shark PMUS				
Blue shark	4,789	0	4,789	7.04
Mako sharks	613	24	589	0.90
Thresher sharks	15	0	15	0.02
Oceanic whitetip shark	0	0	0	0.00
Silky shark	0	0	0	0.00
Other Sharks	20	0	20	0.03
Total	5,437	24	5,413	7.99
Tuna PMUS				
Albacore	601	489	112	0.88
Bigeye tuna	683	604	79	1.00
Yellowfin tuna	91	90	1	0.13
Bluefin tuna	1	1	0	0.00
Skipjack tuna	7	7	0	0.01
Other tunas	9	4	5	0.01
Total	1,392	1,195	197	2.04
Other PMUS				
Mahimahi	1,272	867	405	1.87
Moonfish	119	100	19	0.17
Wahoo	10	8	2	0.01
Oilfish	548	354	194	0.81
Pomfret	147	106	41	0.22
Total	2,096	1,435	661	3.08
Total PMUS	16,819	9,784	7,035	24.71
Total Non-PMUS	3	3	0	0.00
Total All Species	16,822	9,787	7,035	24.71

Table 8. 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, 2014
 Set Types Deep sets
 Fishing Area All Areas

Number of vessels active	120
Number of trips (partial or completed)	377
Number of sets	4,360
Number of hooks set	11,176,969

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	1,087	1,085	2	0.10
Striped marlin	5,680	5,668	12	0.51
Shortbill spearfish	7,779	7,757	22	0.70
Swordfish	713	683	30	0.06
Other billfishes	237	237	0	0.02
Total	15,496	15,430	66	1.39
Shark PMUS				
Blue shark	8,531	1	8,530	0.76
Mako sharks	683	132	551	0.06
Thresher sharks	5,077	13	5,064	0.45
Oceanic whitetip shark	139	0	139	0.01
Silky shark	1	0	1	0.00
Other Sharks	107	0	107	0.01
Total	14,538	146	14,392	1.30
Tuna PMUS				
Albacore	2,870	2,866	4	0.26
Bigeye tuna	46,766	46,194	572	4.18
Yellowfin tuna	8,477	8,364	113	0.76
Bluefin tuna	0	0	0	0.00
Skipjack tuna	9,588	9,443	145	0.86
Other tunas	0	0	0	0.00
Total	67,701	66,867	834	6.06
Other PMUS				
Mahimahi	16,420	16,286	134	1.47
Moonfish	3,434	3,414	20	0.31
Wahoo	6,667	6,642	25	0.60
Oilfish	9,674	9,524	150	0.87
Pomfret	22,985	22,912	73	2.06
Total	59,180	58,778	402	5.29
Total PMUS	156,915	141,221	15,694	14.04
Total Non-PMUS	1,700	154	1,546	0.15
Total All Species	158,615	141,375	17,240	14.19