

The Hawaii Limited-access Longline Logbook Summary Report 1 July to 31 December 2013¹

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. Catch-and-effort 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-16-020.
Issued 8 July 2016.

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 July - 31 December, 2013
 Set Types All Sets
 Fishing Area All Areas

Number of vessels active	130
Number of trips (partial or completed)	728
Number of sets	9,919
Number of hooks set	24,802,387

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	2,090	2,064	26	0.08
Striped marlin	8,597	8,525	72	0.35
Shortbill spearfish	7,870	7,828	42	0.32
Swordfish	5,018	4,098	920	0.20
Other billfishes	280	267	13	0.01
Total	23,855	22,782	1,073	0.96
Shark PMUS				
Blue shark	30,910	21	30,889	1.25
Mako sharks	1,758	247	1,511	0.07
Thresher sharks	1,612	24	1,588	0.06
Oceanic whitetip shark	145	2	143	0.01
Silky shark	33	1	32	0.00
Other Sharks	259	2	257	0.01
Total	34,717	297	34,420	1.40
Tuna PMUS				
Albacore	2,714	2,694	20	0.11
Bigeye tuna	120,234	117,873	2,361	4.85
Yellowfin tuna	7,799	7,698	101	0.31
Bluefin tuna	5	5	0	0.00
Skipjack tuna	9,267	9,162	105	0.37
Other tunas	16	2	14	0.00
Total	140,035	137,434	2,601	5.65
Other PMUS				
Mahimahi	51,773	51,350	423	2.09
Moonfish	13,978	13,828	150	0.56
Wahoo	5,453	5,424	29	0.22
Oilfish	15,260	14,668	592	0.62
Pomfret	31,412	31,142	270	1.27
Total	117,876	116,412	1,464	4.75
Total PMUS	316,483	276,925	39,558	12.76
Total Non-PMUS	2,797	655	2,142	0.11
Total All Species	319,280	277,580	41,700	12.87

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

Time Period 1 July - 31 December, 2013
 Set Types All Sets
 Fishing Area Main Hawaiian Islands EEZ

Number of vessels active	116
Number of trips (partial or completed)	325
Number of sets	2,387
Number of hooks set	5,964,753

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	664	649	15	0.11
Striped marlin	3,094	3,055	39	0.52
Shortbill spearfish	2,055	2,043	12	0.34
Swordfish	501	301	200	0.08
Other billfishes	116	113	3	0.02
Total	6,430	6,161	269	1.08
Shark PMUS				
Blue shark	9,126	20	9,106	1.53
Mako sharks	269	48	221	0.05
Thresher sharks	398	10	388	0.07
Oceanic whitetip shark	93	2	91	0.02
Silky shark	15	1	14	0.00
Other Sharks	99	1	98	0.02
Total	10,000	82	9,918	1.68
Tuna PMUS				
Albacore	517	516	1	0.09
Bigeye tuna	24,713	24,335	378	4.14
Yellowfin tuna	2,744	2,694	50	0.46
Bluefin tuna	0	0	0	0.00
Skipjack tuna	2,820	2,785	35	0.47
Other tunas	2	2	0	0.00
Total	30,796	30,332	464	5.16
Other PMUS				
Mahimahi	9,807	9,757	50	1.64
Moonfish	1,299	1,294	5	0.22
Wahoo	1,454	1,448	6	0.24
Oilfish	4,916	4,762	154	0.82
Pomfret	5,220	5,158	62	0.88
Total	22,696	22,419	277	3.81
Total PMUS	69,922	58,994	10,928	11.72
Total Non-PMUS	1,164	531	633	0.20
Total All Species	71,086	59,525	11,561	11.92

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 July - 31 December, 2013
 Set Types All Sets
 Fishing Area Northwestern Hawaiian Islands EEZ

Number of vessels active	69
Number of trips (partial or completed)	100
Number of sets	840
Number of hooks set	2,082,825

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	204	204	0	0.10
Striped marlin	1,292	1,283	9	0.62
Shortbill spearfish	1,203	1,197	6	0.58
Swordfish	75	66	9	0.04
Other billfishes	53	53	0	0.03
Total	2,827	2,803	24	1.36
Shark PMUS				
Blue shark	5,151	0	5,151	2.47
Mako sharks	131	10	121	0.06
Thresher sharks	214	4	210	0.10
Oceanic whitetip shark	14	0	14	0.01
Silky shark	1	0	1	0.00
Other Sharks	37	0	37	0.02
Total	5,548	14	5,534	2.66
Tuna PMUS				
Albacore	781	781	0	0.37
Bigeye tuna	11,479	11,107	372	5.51
Yellowfin tuna	1,613	1,581	32	0.77
Bluefin tuna	0	0	0	0.00
Skipjack tuna	1,600	1,593	7	0.77
Other tunas	0	0	0	0.00
Total	15,473	15,062	411	7.43
Other PMUS				
Mahimahi	1,175	1,170	5	0.56
Moonfish	457	457	0	0.22
Wahoo	405	404	1	0.19
Oilfish	1,566	1,543	23	0.75
Pomfret	1,657	1,635	22	0.80
Total	5,260	5,209	51	2.53
Total PMUS	29,108	23,088	6,020	13.98
Total Non-PMUS	34	31	3	0.02
Total All Species	29,142	23,119	6,023	13.99

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 July - 31 December, 2013
 Set Types All Sets
 Fishing Area Pacific Remote Island Areas (PRIA) EEZ

Number of vessels active	12
Number of trips (partial or completed)	13
Number of sets	29
Number of hooks set	70,332

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	16	16	0	0.23
Striped marlin	24	24	0	0.34
Shortbill spearfish	68	68	0	0.97
Swordfish	4	4	0	0.06
Other billfishes	0	0	0	0.00
Total	112	112	0	1.59
Shark PMUS				
Blue shark	217	0	217	3.09
Mako sharks	0	0	0	0.00
Thresher sharks	10	0	10	0.14
Oceanic whitetip shark	0	0	0	0.00
Silky shark	0	0	0	0.00
Other Sharks	1	0	1	0.01
Total	228	0	228	3.24
Tuna PMUS				
Albacore	158	158	0	2.25
Bigeye tuna	348	344	4	4.95
Yellowfin tuna	56	56	0	0.80
Bluefin tuna	0	0	0	0.00
Skipjack tuna	71	71	0	1.01
Other tunas	0	0	0	0.00
Total	633	629	4	9.00
Other PMUS				
Mahimahi	49	49	0	0.70
Moonfish	20	20	0	0.28
Wahoo	41	41	0	0.58
Oilfish	31	31	0	0.44
Pomfret	44	42	2	0.63
Total	185	183	2	2.63
Total PMUS	1,158	924	234	16.46
Total Non-PMUS	0	0	0	0.00
Total All Species	1,158	924	234	16.46

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 July - 31 December, 2013	Number of vessels active	124	
Set Types	All Sets	Number of trips (partial or completed)	378	
Fishing Area	Hawaiian Islands EEZ + PRIA EEZ	Number of sets	3,256	
		Number of hooks set	8,117,910	

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	884	869	15	0.11
Striped marlin	4,410	4,362	48	0.54
Shortbill spearfish	3,326	3,308	18	0.41
Swordfish	580	371	209	0.07
Other billfishes	169	166	3	0.02
Total	9,369	9,076	293	1.15
Shark PMUS				
Blue shark	14,494	20	14,474	1.79
Mako sharks	400	58	342	0.05
Thresher sharks	622	14	608	0.08
Oceanic whitetip shark	107	2	105	0.01
Silky shark	16	1	15	0.00
Other Sharks	137	1	136	0.02
Total	15,776	96	15,680	1.94
Tuna PMUS				
Albacore	1,456	1,455	1	0.18
Bigeye tuna	36,540	35,786	754	4.50
Yellowfin tuna	4,413	4,331	82	0.54
Bluefin tuna	0	0	0	0.00
Skipjack tuna	4,491	4,449	42	0.55
Other tunas	2	2	0	0.00
Total	46,902	46,023	879	5.78
Other PMUS				
Mahimahi	11,031	10,976	55	1.36
Moonfish	1,776	1,771	5	0.22
Wahoo	1,900	1,893	7	0.23
Oilfish	6,513	6,336	177	0.80
Pomfret	6,921	6,835	86	0.85
Total	28,141	27,811	330	3.47
Total PMUS	100,188	83,006	17,182	12.34
Total Non-PMUS	1,198	562	636	0.15
Total All Species	101,386	83,568	17,818	12.49

Table 6. 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 July - 31 December, 2013
 Set Types All Sets
 Fishing Area Outside U.S. EEZ

Number of vessels active	126
Number of trips (partial or completed)	588
Number of sets	6,663
Number of hooks set	16,684,477

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	1,206	1,195	11	0.07
Striped marlin	4,187	4,163	24	0.25
Shortbill spearfish	4,544	4,520	24	0.27
Swordfish	4,438	3,727	711	0.27
Other billfishes	111	101	10	0.01
Total	14,486	13,706	780	0.87
Shark PMUS				
Blue shark	16,416	1	16,415	0.98
Mako sharks	1,358	189	1,169	0.08
Thresher sharks	990	10	980	0.06
Oceanic whitetip shark	38	0	38	0.00
Silky shark	17	0	17	0.00
Other Sharks	122	1	121	0.01
Total	18,941	201	18,740	1.14
Tuna PMUS				
Albacore	1,258	1,239	19	0.08
Bigeye tuna	83,694	82,087	1,607	5.02
Yellowfin tuna	3,386	3,367	19	0.20
Bluefin tuna	5	5	0	0.00
Skipjack tuna	4,776	4,713	63	0.29
Other tunas	14	0	14	0.00
Total	93,133	91,411	1,722	5.58
Other PMUS				
Mahimahi	40,742	40,374	368	2.44
Moonfish	12,202	12,057	145	0.73
Wahoo	3,553	3,531	22	0.21
Oilfish	8,747	8,332	415	0.52
Pomfret	24,491	24,307	184	1.47
Total	89,735	88,601	1,134	5.38
Total PMUS	216,295	193,919	22,376	12.96
Total Non-PMUS	1,599	93	1,506	0.10
Total All Species	217,894	194,012	23,882	13.06

Table 7. 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 July - 31 December, 2013	Number of vessels active	9	
Set Types	Shallow sets	Number of trips (partial or completed)	17	
Fishing Area	All Areas	Number of sets	252	
		Number of hooks set	290,340	

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	5	5	0	0.02
Striped marlin	17	13	4	0.06
Shortbill spearfish	46	42	4	0.16
Swordfish	2,914	2,518	396	10.04
Other billfishes	0	0	0	0.00
Total	2,982	2,578	404	10.27
Shark PMUS				
Blue shark	1,098	0	1,098	3.78
Mako sharks	537	25	512	1.85
Thresher sharks	8	0	8	0.03
Oceanic whitetip shark	2	0	2	0.01
Silky shark	0	0	0	0.00
Other Sharks	7	0	7	0.02
Total	1,652	25	1,627	5.69
Tuna PMUS				
Albacore	245	232	13	0.84
Bigeye tuna	16	7	9	0.06
Yellowfin tuna	1	1	0	0.00
Bluefin tuna	1	1	0	0.00
Skipjack tuna	0	0	0	0.00
Other tunas	0	0	0	0.00
Total	263	241	22	0.91
Other PMUS				
Mahimahi	63	52	11	0.22
Moonfish	191	118	73	0.66
Wahoo	7	2	5	0.02
Oilfish	371	162	209	1.28
Pomfret	85	52	33	0.29
Total	717	386	331	2.47
Total PMUS	5,614	3,230	2,384	19.34
Total Non-PMUS	9	0	9	0.03
Total All Species	5,623	3,230	2,393	19.37

Table 8. 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 July - 31 December, 2013	Number of vessels active	130	
Set Types	Deep sets	Number of trips (partial or completed)	711	
Fishing Area	All Areas	Number of sets	9,667	
		Number of hooks set	24,512,047	

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	2,085	2,059	26	0.09
Striped marlin	8,580	8,512	68	0.35
Shortbill spearfish	7,824	7,786	38	0.32
Swordfish	2,104	1,580	524	0.09
Other billfishes	280	267	13	0.01
Total	20,873	20,204	669	0.85
Shark PMUS				
Blue shark	29,812	21	29,791	1.22
Mako sharks	1,221	222	999	0.05
Thresher sharks	1,604	24	1,580	0.07
Oceanic whitetip shark	143	2	141	0.01
Silky shark	33	1	32	0.00
Other Sharks	252	2	250	0.01
Total	33,065	272	32,793	1.35
Tuna PMUS				
Albacore	2,469	2,462	7	0.10
Bigeye tuna	120,218	117,866	2,352	4.90
Yellowfin tuna	7,798	7,697	101	0.32
Bluefin tuna	4	4	0	0.00
Skipjack tuna	9,267	9,162	105	0.38
Other tunas	16	2	14	0.00
Total	139,772	137,193	2,579	5.70
Other PMUS				
Mahimahi	51,710	51,298	412	2.11
Moonfish	13,787	13,710	77	0.56
Wahoo	5,446	5,422	24	0.22
Oilfish	14,889	14,506	383	0.61
Pomfret	31,327	31,090	237	1.28
Total	117,159	116,026	1,133	4.78
Total PMUS	310,869	273,695	37,174	12.68
Total Non-PMUS	2,788	655	2,133	0.11
Total All Species	313,657	274,350	39,307	12.80