

The Hawaii Limited-access Longline Logbook Summary Report 1 April to 30 June 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-16-28.
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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 April - 30 June, 2014
 Set Types All Sets
 Fishing Area All Areas

Number of vessels active	134
Number of trips (partial or completed)	389
Number of sets	4,551
Number of hooks set	11,190,925

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	2,342	2,325	17	0.21
Striped marlin	2,403	2,366	37	0.21
Shortbill spearfish	3,229	3,203	26	0.29
Swordfish	6,208	5,762	446	0.55
Other billfishes	203	199	4	0.02
Total	14,385	13,855	530	1.29
Shark PMUS				
Blue shark	14,644	0	14,644	1.31
Mako sharks	785	113	672	0.07
Thresher sharks	6,382	22	6,360	0.57
Oceanic whitetip shark	405	0	405	0.04
Silky shark	97	0	97	0.01
Other Sharks	163	0	163	0.01
Total	22,476	135	22,341	2.01
Tuna PMUS				
Albacore	3,048	3,034	14	0.27
Bigeye tuna	37,670	37,338	332	3.37
Yellowfin tuna	3,097	3,076	21	0.28
Bluefin tuna	0	0	0	0.00
Skipjack tuna	4,881	4,843	38	0.44
Other tunas	2	2	0	0.00
Total	48,698	48,293	405	4.35
Other PMUS				
Mahimahi	10,355	10,235	120	0.93
Moonfish	6,557	6,536	21	0.59
Wahoo	8,782	8,769	13	0.78
Oilfish	7,243	6,694	549	0.65
Pomfret	27,438	27,378	60	2.45
Total	60,375	59,612	763	5.39
Total PMUS	145,934	121,895	24,039	13.04
Total Non-PMUS	707	384	323	0.06
Total All Species	146,641	122,279	24,362	13.10

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 April - 30 June, 2014
 Set Types All Sets
 Fishing Area Main Hawaiian Islands EEZ

Number of vessels active	69
Number of trips (partial or completed)	106
Number of sets	432
Number of hooks set	1,039,256

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	212	212	0	0.20
Striped marlin	271	262	9	0.26
Shortbill spearfish	489	483	6	0.47
Swordfish	571	533	38	0.55
Other billfishes	3	3	0	0.00
Total	1,546	1,493	53	1.49
Shark PMUS				
Blue shark	1,799	0	1,799	1.73
Mako sharks	83	29	54	0.08
Thresher sharks	144	7	137	0.14
Oceanic whitetip shark	26	0	26	0.03
Silky shark	4	0	4	0.00
Other Sharks	26	0	26	0.03
Total	2,082	36	2,046	2.00
Tuna PMUS				
Albacore	188	188	0	0.18
Bigeye tuna	2,091	2,070	21	2.01
Yellowfin tuna	414	406	8	0.40
Bluefin tuna	0	0	0	0.00
Skipjack tuna	409	398	11	0.39
Other tunas	0	0	0	0.00
Total	3,102	3,062	40	2.98
Other PMUS				
Mahimahi	362	362	0	0.35
Moonfish	265	265	0	0.25
Wahoo	921	920	1	0.89
Oilfish	821	790	31	0.79
Pomfret	976	967	9	0.94
Total	3,345	3,304	41	3.22
Total PMUS	10,075	7,895	2,180	9.69
Total Non-PMUS	216	208	8	0.21
Total All Species	10,291	8,103	2,188	9.90

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 April - 30 June, 2014
 Set Types All Sets
 Fishing Area Northwestern Hawaiian Islands EEZ

Number of vessels active	27
Number of trips (partial or completed)	34
Number of sets	162
Number of hooks set	301,211

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	54	51	3	0.18
Striped marlin	178	174	4	0.59
Shortbill spearfish	52	51	1	0.17
Swordfish	1,336	1,205	131	4.44
Other billfishes	1	1	0	0.00
Total	1,621	1,482	139	5.38
Shark PMUS				
Blue shark	1,110	0	1,110	3.69
Mako sharks	73	9	64	0.24
Thresher sharks	11	1	10	0.04
Oceanic whitetip shark	10	0	10	0.03
Silky shark	0	0	0	0.00
Other Sharks	5	0	5	0.02
Total	1,209	10	1,199	4.01
Tuna PMUS				
Albacore	109	109	0	0.36
Bigeye tuna	436	431	5	1.45
Yellowfin tuna	74	73	1	0.25
Bluefin tuna	0	0	0	0.00
Skipjack tuna	13	13	0	0.04
Other tunas	0	0	0	0.00
Total	632	626	6	2.10
Other PMUS				
Mahimahi	1,056	1,029	27	3.51
Moonfish	101	100	1	0.34
Wahoo	104	104	0	0.35
Oilfish	334	239	95	1.11
Pomfret	192	191	1	0.64
Total	1,787	1,663	124	5.93
Total PMUS	5,249	3,781	1,468	17.43
Total Non-PMUS	2	2	0	0.01
Total All Species	5,251	3,783	1,468	17.43

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		Number of vessels active		23
Time Period	1 April - 30 June, 2014	Number of trips (partial or completed)		24
Set Types	All Sets	Number of sets		120
Fishing Area	Pacific Remote Island Areas (PRIA) EEZ	Number of hooks set		301,386

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	92	88	4	0.31
Striped marlin	39	38	1	0.13
Shortbill spearfish	47	47	0	0.16
Swordfish	46	45	1	0.15
Other billfishes	13	12	1	0.04
Total	237	230	7	0.79
Shark PMUS				
Blue shark	324	0	324	1.08
Mako sharks	6	0	6	0.02
Thresher sharks	95	0	95	0.32
Oceanic whitetip shark	109	0	109	0.36
Silky shark	22	0	22	0.07
Other Sharks	0	0	0	0.00
Total	556	0	556	1.84
Tuna PMUS				
Albacore	187	186	1	0.62
Bigeye tuna	1,182	1,160	22	3.92
Yellowfin tuna	317	308	9	1.05
Bluefin tuna	0	0	0	0.00
Skipjack tuna	340	332	8	1.13
Other tunas	0	0	0	0.00
Total	2,026	1,986	40	6.72
Other PMUS				
Mahimahi	40	40	0	0.13
Moonfish	12	12	0	0.04
Wahoo	341	341	0	1.13
Oilfish	191	188	3	0.63
Pomfret	853	850	3	2.83
Total	1,437	1,431	6	4.77
Total PMUS	4,256	3,647	609	14.12
Total Non-PMUS	20	3	17	0.07
Total All Species	4,276	3,650	626	14.19

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		Number of vessels active		89
Time Period	1 April - 30 June, 2014	Number of trips (partial or completed)		144
Set Types	All Sets	Number of sets		714
Fishing Area	Hawaiian Islands EEZ + PRIA EEZ	Number of hooks set		1,641,853

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	358	351	7	0.22
Striped marlin	488	474	14	0.30
Shortbill spearfish	588	581	7	0.36
Swordfish	1,953	1,783	170	1.19
Other billfishes	17	16	1	0.01
Total	3,404	3,205	199	2.07
Shark PMUS				
Blue shark	3,233	0	3,233	1.97
Mako sharks	162	38	124	0.10
Thresher sharks	250	8	242	0.15
Oceanic whitetip shark	145	0	145	0.09
Silky shark	26	0	26	0.02
Other Sharks	31	0	31	0.02
Total	3,847	46	3,801	2.34
Tuna PMUS				
Albacore	484	483	1	0.29
Bigeye tuna	3,709	3,661	48	2.26
Yellowfin tuna	805	787	18	0.49
Bluefin tuna	0	0	0	0.00
Skipjack tuna	762	743	19	0.46
Other tunas	0	0	0	0.00
Total	5,760	5,674	86	3.51
Other PMUS				
Mahimahi	1,458	1,431	27	0.89
Moonfish	378	377	1	0.23
Wahoo	1,366	1,365	1	0.83
Oilfish	1,346	1,217	129	0.82
Pomfret	2,021	2,008	13	1.23
Total	6,569	6,398	171	4.00
Total PMUS	19,580	15,323	4,257	11.93
Total Non-PMUS	238	213	25	0.14
Total All Species	19,818	15,536	4,282	12.07

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 April - 30 June, 2014
 Set Types All Sets
 Fishing Area Outside U.S. EEZ

Number of vessels active	133
Number of trips (partial or completed)	353
Number of sets	3,837
Number of hooks set	9,549,072

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	1,984	1,974	10	0.21
Striped marlin	1,915	1,892	23	0.20
Shortbill spearfish	2,641	2,622	19	0.28
Swordfish	4,255	3,979	276	0.45
Other billfishes	186	183	3	0.02
Total	10,981	10,650	331	1.15
Shark PMUS				
Blue shark	11,411	0	11,411	1.19
Mako sharks	623	75	548	0.07
Thresher sharks	6,132	14	6,118	0.64
Oceanic whitetip shark	260	0	260	0.03
Silky shark	71	0	71	0.01
Other Sharks	132	0	132	0.01
Total	18,629	89	18,540	1.95
Tuna PMUS				
Albacore	2,564	2,551	13	0.27
Bigeye tuna	33,961	33,677	284	3.56
Yellowfin tuna	2,292	2,289	3	0.24
Bluefin tuna	0	0	0	0.00
Skipjack tuna	4,119	4,100	19	0.43
Other tunas	2	2	0	0.00
Total	42,938	42,619	319	4.50
Other PMUS				
Mahimahi	8,897	8,804	93	0.93
Moonfish	6,179	6,159	20	0.65
Wahoo	7,416	7,404	12	0.78
Oilfish	5,897	5,477	420	0.62
Pomfret	25,417	25,370	47	2.66
Total	53,806	53,214	592	5.63
Total PMUS	126,354	106,572	19,782	13.23
Total Non-PMUS	469	171	298	0.05
Total All Species	126,823	106,743	20,080	13.28

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 April - 30 June, 2014	Number of vessels active	17	
Set Types	Shallow sets	Number of trips (partial or completed)	29	
Fishing Area	All Areas	Number of sets	393	
		Number of hooks set	434,568	

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	64	61	3	0.15
Striped marlin	218	210	8	0.50
Shortbill spearfish	72	63	9	0.17
Swordfish	4,487	4,066	421	10.33
Other billfishes	15	12	3	0.03
Total	4,856	4,412	444	11.17
Shark PMUS				
Blue shark	2,394	0	2,394	5.51
Mako sharks	264	15	249	0.61
Thresher sharks	24	1	23	0.06
Oceanic whitetip shark	17	0	17	0.04
Silky shark	0	0	0	0.00
Other Sharks	14	0	14	0.03
Total	2,713	16	2,697	6.24
Tuna PMUS				
Albacore	30	29	1	0.07
Bigeye tuna	100	91	9	0.23
Yellowfin tuna	89	88	1	0.20
Bluefin tuna	0	0	0	0.00
Skipjack tuna	5	5	0	0.01
Other tunas	0	0	0	0.00
Total	224	213	11	0.52
Other PMUS				
Mahimahi	1,954	1,894	60	4.50
Moonfish	7	4	3	0.02
Wahoo	30	30	0	0.07
Oilfish	483	267	216	1.11
Pomfret	26	20	6	0.06
Total	2,500	2,215	285	5.75
Total PMUS	10,293	6,856	3,437	23.69
Total Non-PMUS	0	0	0	0.00
Total All Species	10,293	6,856	3,437	23.69

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 April - 30 June, 2014
 Set Types Deep sets
 Fishing Area All Areas

Number of vessels active	127
Number of trips (partial or completed)	360
Number of sets	4,158
Number of hooks set	10,756,357

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	2,278	2,264	14	0.21
Striped marlin	2,185	2,156	29	0.20
Shortbill spearfish	3,157	3,140	17	0.29
Swordfish	1,721	1,696	25	0.16
Other billfishes	188	187	1	0.02
Total	9,529	9,443	86	0.89
Shark PMUS				
Blue shark	12,250	0	12,250	1.14
Mako sharks	521	98	423	0.05
Thresher sharks	6,358	21	6,337	0.59
Oceanic whitetip shark	388	0	388	0.04
Silky shark	97	0	97	0.01
Other Sharks	149	0	149	0.01
Total	19,763	119	19,644	1.84
Tuna PMUS				
Albacore	3,018	3,005	13	0.28
Bigeye tuna	37,570	37,247	323	3.49
Yellowfin tuna	3,008	2,988	20	0.28
Bluefin tuna	0	0	0	0.00
Skipjack tuna	4,876	4,838	38	0.45
Other tunas	2	2	0	0.00
Total	48,474	48,080	394	4.51
Other PMUS				
Mahimahi	8,401	8,341	60	0.78
Moonfish	6,550	6,532	18	0.61
Wahoo	8,752	8,739	13	0.81
Oilfish	6,760	6,427	333	0.63
Pomfret	27,412	27,358	54	2.55
Total	57,875	57,397	478	5.38
Total PMUS	135,641	115,039	20,602	12.61
Total Non-PMUS	707	384	323	0.07
Total All Species	136,348	115,423	20,925	12.68