

The Hawaii Limited-access Longline Logbook Summary Report 1 January 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. 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-16-025.
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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		Number of vessels active			136
Time Period	1 January - 30 June, 2014	Number of trips (partial or completed)			746
Set Types	All Sets	Number of sets			9,523
Fishing Area	All Areas	Number of hooks set			23,048,601

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	3,432	3,411	21	0.15
Striped marlin	8,109	8,048	61	0.35
Shortbill spearfish	11,081	10,988	93	0.48
Swordfish	14,705	13,526	1,179	0.64
Other billfishes	448	442	6	0.02
Total	37,775	36,415	1,360	1.64
Shark PMUS				
Blue shark	27,964	1	27,963	1.21
Mako sharks	2,081	269	1,812	0.09
Thresher sharks	11,474	35	11,439	0.50
Oceanic whitetip shark	544	0	544	0.02
Silky shark	98	0	98	0.00
Other Sharks	290	0	290	0.01
Total	42,451	305	42,146	1.84
Tuna PMUS				
Albacore	6,519	6,389	130	0.28
Bigeye tuna	85,119	84,136	983	3.69
Yellowfin tuna	11,665	11,530	135	0.51
Bluefin tuna	1	1	0	0.00
Skipjack tuna	14,476	14,293	183	0.63
Other tunas	11	6	5	0.00
Total	117,791	116,355	1,436	5.11
Other PMUS				
Mahimahi	28,047	27,388	659	1.22
Moonfish	10,110	10,050	60	0.44
Wahoo	15,459	15,419	40	0.67
Oilfish	17,465	16,572	893	0.76
Pomfret	50,570	50,396	174	2.19
Total	121,651	119,825	1,826	5.28
Total PMUS	319,668	272,900	46,768	13.87
Total Non-PMUS	2,410	541	1,869	0.10
Total All Species	322,078	273,441	48,637	13.97

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

Number of vessels active	111
Number of trips (partial or completed)	290
Number of sets	1,293
Number of hooks set	3,169,756

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	349	348	1	0.11
Striped marlin	1,652	1,641	11	0.52
Shortbill spearfish	2,186	2,176	10	0.69
Swordfish	672	632	40	0.21
Other billfishes	24	24	0	0.01
Total	4,883	4,821	62	1.54
Shark PMUS				
Blue shark	3,581	1	3,580	1.13
Mako sharks	233	71	162	0.07
Thresher sharks	344	12	332	0.11
Oceanic whitetip shark	42	0	42	0.01
Silky shark	4	0	4	0.00
Other Sharks	31	0	31	0.01
Total	4,235	84	4,151	1.34
Tuna PMUS				
Albacore	404	404	0	0.13
Bigeye tuna	7,979	7,897	82	2.52
Yellowfin tuna	2,060	2,041	19	0.65
Bluefin tuna	0	0	0	0.00
Skipjack tuna	2,054	2,037	17	0.65
Other tunas	0	0	0	0.00
Total	12,497	12,379	118	3.94
Other PMUS				
Mahimahi	2,614	2,599	15	0.82
Moonfish	707	698	9	0.22
Wahoo	1,541	1,529	12	0.49
Oilfish	2,710	2,638	72	0.85
Pomfret	3,493	3,445	48	1.10
Total	11,065	10,909	156	3.49
Total PMUS	32,680	28,193	4,487	10.31
Total Non-PMUS	432	255	177	0.14
Total All Species	33,112	28,448	4,664	10.45

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

Number of vessels active	58
Number of trips (partial or completed)	81
Number of sets	413
Number of hooks set	952,336

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	98	95	3	0.10
Striped marlin	901	894	7	0.95
Shortbill spearfish	510	509	1	0.54
Swordfish	1,390	1,258	132	1.46
Other billfishes	20	20	0	0.02
Total	2,919	2,776	143	3.07
Shark PMUS				
Blue shark	1,830	0	1,830	1.92
Mako sharks	126	22	104	0.13
Thresher sharks	64	1	63	0.07
Oceanic whitetip shark	23	0	23	0.02
Silky shark	1	0	1	0.00
Other Sharks	10	0	10	0.01
Total	2,054	23	2,031	2.16
Tuna PMUS				
Albacore	458	458	0	0.48
Bigeye tuna	2,899	2,828	71	3.04
Yellowfin tuna	877	846	31	0.92
Bluefin tuna	0	0	0	0.00
Skipjack tuna	1,287	1,268	19	1.35
Other tunas	0	0	0	0.00
Total	5,521	5,400	121	5.80
Other PMUS				
Mahimahi	1,332	1,305	27	1.40
Moonfish	239	238	1	0.25
Wahoo	277	277	0	0.29
Oilfish	825	728	97	0.87
Pomfret	840	836	4	0.88
Total	3,513	3,384	129	3.69
Total PMUS	14,007	11,583	2,424	14.71
Total Non-PMUS	9	9	0	0.01
Total All Species	14,016	11,592	2,424	14.72

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 January - 30 June, 2014
 Set Types All Sets
 Fishing Area Pacific Remote Island Areas (PRIA) EEZ

Number of vessels active	39
Number of trips (partial or completed)	58
Number of sets	309
Number of hooks set	789,773

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	147	143	4	0.19
Striped marlin	229	228	1	0.29
Shortbill spearfish	243	243	0	0.31
Swordfish	108	104	4	0.14
Other billfishes	46	45	1	0.06
Total	773	763	10	0.98
Shark PMUS				
Blue shark	834	0	834	1.06
Mako sharks	22	4	18	0.03
Thresher sharks	192	1	191	0.24
Oceanic whitetip shark	171	0	171	0.22
Silky shark	22	0	22	0.03
Other Sharks	34	0	34	0.04
Total	1,275	5	1,270	1.61
Tuna PMUS				
Albacore	458	455	3	0.58
Bigeye tuna	4,115	4,057	58	5.21
Yellowfin tuna	613	599	14	0.78
Bluefin tuna	0	0	0	0.00
Skipjack tuna	793	785	8	1.00
Other tunas	0	0	0	0.00
Total	5,979	5,896	83	7.57
Other PMUS				
Mahimahi	491	491	0	0.62
Moonfish	47	47	0	0.06
Wahoo	752	752	0	0.95
Oilfish	504	501	3	0.64
Pomfret	1,868	1,863	5	2.37
Total	3,662	3,654	8	4.64
Total PMUS	11,689	10,318	1,371	14.80
Total Non-PMUS	23	5	18	0.03
Total All Species	11,712	10,323	1,389	14.83

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 January - 30 June, 2014
 Set Types All Sets
 Fishing Area Hawaiian Islands EEZ + PRIA EEZ

Number of vessels active	123
Number of trips (partial or completed)	370
Number of sets	2,015
Number of hooks set	4,911,865

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	594	586	8	0.12
Striped marlin	2,782	2,763	19	0.57
Shortbill spearfish	2,939	2,928	11	0.60
Swordfish	2,170	1,994	176	0.44
Other billfishes	90	89	1	0.02
Total	8,575	8,360	215	1.75
Shark PMUS				
Blue shark	6,245	1	6,244	1.27
Mako sharks	381	97	284	0.08
Thresher sharks	600	14	586	0.12
Oceanic whitetip shark	236	0	236	0.05
Silky shark	27	0	27	0.01
Other Sharks	75	0	75	0.02
Total	7,564	112	7,452	1.54
Tuna PMUS				
Albacore	1,320	1,317	3	0.27
Bigeye tuna	14,993	14,782	211	3.05
Yellowfin tuna	3,550	3,486	64	0.72
Bluefin tuna	0	0	0	0.00
Skipjack tuna	4,134	4,090	44	0.84
Other tunas	0	0	0	0.00
Total	23,997	23,675	322	4.89
Other PMUS				
Mahimahi	4,437	4,395	42	0.90
Moonfish	993	983	10	0.20
Wahoo	2,570	2,558	12	0.52
Oilfish	4,039	3,867	172	0.82
Pomfret	6,201	6,144	57	1.26
Total	18,240	17,947	293	3.71
Total PMUS	58,376	50,094	8,282	11.88
Total Non-PMUS	464	269	195	0.09
Total All Species	58,840	50,363	8,477	11.98

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

Number of vessels active	136
Number of trips (partial or completed)	668
Number of sets	7,508
Number of hooks set	18,136,736

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	2,838	2,825	13	0.16
Striped marlin	5,327	5,285	42	0.29
Shortbill spearfish	8,142	8,060	82	0.45
Swordfish	12,535	11,532	1,003	0.69
Other billfishes	358	353	5	0.02
Total	29,200	28,055	1,145	1.61
Shark PMUS				
Blue shark	21,719	0	21,719	1.20
Mako sharks	1,700	172	1,528	0.09
Thresher sharks	10,874	21	10,853	0.60
Oceanic whitetip shark	308	0	308	0.02
Silky shark	71	0	71	0.00
Other Sharks	215	0	215	0.01
Total	34,887	193	34,694	1.92
Tuna PMUS				
Albacore	5,199	5,072	127	0.29
Bigeye tuna	70,126	69,354	772	3.87
Yellowfin tuna	8,115	8,044	71	0.45
Bluefin tuna	1	1	0	0.00
Skipjack tuna	10,342	10,203	139	0.57
Other tunas	11	6	5	0.00
Total	93,794	92,680	1,114	5.17
Other PMUS				
Mahimahi	23,610	22,993	617	1.30
Moonfish	9,117	9,067	50	0.50
Wahoo	12,889	12,861	28	0.71
Oilfish	13,426	12,705	721	0.74
Pomfret	44,369	44,252	117	2.45
Total	103,411	101,878	1,533	5.70
Total PMUS	261,292	222,806	38,486	14.41
Total Non-PMUS	1,946	272	1,674	0.11
Total All Species	263,238	223,078	40,160	14.51

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 January - 30 June, 2014
 Set Types Shallow sets
 Fishing Area All Areas

Number of vessels active	19
Number of trips (partial or completed)	60
Number of sets	1,005
Number of hooks set	1,115,275

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	67	62	5	0.06
Striped marlin	244	224	20	0.22
Shortbill spearfish	145	91	54	0.13
Swordfish	12,271	11,147	1,124	11.00
Other billfishes	23	18	5	0.02
Total	12,750	11,542	1,208	11.43
Shark PMUS				
Blue shark	7,183	0	7,183	6.44
Mako sharks	877	39	838	0.79
Thresher sharks	39	1	38	0.03
Oceanic whitetip shark	17	0	17	0.02
Silky shark	0	0	0	0.00
Other Sharks	34	0	34	0.03
Total	8,150	40	8,110	7.31
Tuna PMUS				
Albacore	631	518	113	0.57
Bigeye tuna	783	695	88	0.70
Yellowfin tuna	180	178	2	0.16
Bluefin tuna	1	1	0	0.00
Skipjack tuna	12	12	0	0.01
Other tunas	9	4	5	0.01
Total	1,616	1,408	208	1.45
Other PMUS				
Mahimahi	3,226	2,761	465	2.89
Moonfish	126	104	22	0.11
Wahoo	40	38	2	0.04
Oilfish	1,031	621	410	0.92
Pomfret	173	126	47	0.16
Total	4,596	3,650	946	4.12
Total PMUS	27,112	16,640	10,472	24.31
Total Non-PMUS	3	3	0	0.00
Total All Species	27,115	16,643	10,472	24.31

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		Summary Statistics		
Time Period	1 January - 30 June, 2014	Number of vessels active	131	
Set Types	Deep sets	Number of trips (partial or completed)	686	
Fishing Area	All Areas	Number of sets	8,518	
		Number of hooks set	21,933,326	

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	3,365	3,349	16	0.15
Striped marlin	7,865	7,824	41	0.36
Shortbill spearfish	10,936	10,897	39	0.50
Swordfish	2,434	2,379	55	0.11
Other billfishes	425	424	1	0.02
Total	25,025	24,873	152	1.14
Shark PMUS				
Blue shark	20,781	1	20,780	0.95
Mako sharks	1,204	230	974	0.05
Thresher sharks	11,435	34	11,401	0.52
Oceanic whitetip shark	527	0	527	0.02
Silky shark	98	0	98	0.00
Other Sharks	256	0	256	0.01
Total	34,301	265	34,036	1.56
Tuna PMUS				
Albacore	5,888	5,871	17	0.27
Bigeye tuna	84,336	83,441	895	3.85
Yellowfin tuna	11,485	11,352	133	0.52
Bluefin tuna	0	0	0	0.00
Skipjack tuna	14,464	14,281	183	0.66
Other tunas	2	2	0	0.00
Total	116,175	114,947	1,228	5.30
Other PMUS				
Mahimahi	24,821	24,627	194	1.13
Moonfish	9,984	9,946	38	0.46
Wahoo	15,419	15,381	38	0.70
Oilfish	16,434	15,951	483	0.75
Pomfret	50,397	50,270	127	2.30
Total	117,055	116,175	880	5.34
Total PMUS	292,556	256,260	36,296	13.34
Total Non-PMUS	2,407	538	1,869	0.11
Total All Species	294,963	256,798	38,165	13.45