

The Hawaii Limited-access Longline Logbook Summary Report 1 July to 31 December 2015¹

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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-16-032.
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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

Time Period 1 July - 31 December, 2015
 Set Types All Sets
 Fishing Area All Areas

Number of vessels active	138
Number of trips (partial or completed)	761
Number of sets	9,297
Number of hooks set	23,839,206

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	3,213	3,167	46	0.13
Striped marlin	8,068	7,977	91	0.34
Shortbill spearfish	7,747	7,621	126	0.32
Swordfish	3,573	3,190	383	0.15
Other billfishes	259	254	5	0.01
Total	22,860	22,209	651	0.96
Shark PMUS				
Blue shark	44,524	0	44,524	1.87
Mako sharks	2,093	323	1,770	0.09
Thresher sharks	1,953	29	1,924	0.08
Oceanic whitetip shark	281	1	280	0.01
Silky shark	18	0	18	0.00
Other Sharks	203	0	203	0.01
Total	49,072	353	48,719	2.06
Tuna PMUS				
Albacore	1,036	1,036	0	0.04
Bigeye tuna	116,811	114,823	1,988	4.90
Yellowfin tuna	14,027	13,871	156	0.59
Bluefin tuna	0	0	0	0.00
Skipjack tuna	5,035	4,954	81	0.21
Other tunas	0	0	0	0.00
Total	136,909	134,684	2,225	5.74
Other PMUS				
Mahimahi	26,447	26,248	199	1.11
Moonfish	19,688	19,396	292	0.83
Wahoo	7,690	7,665	25	0.32
Oilfish	13,446	12,727	719	0.56
Pomfret	28,991	28,903	88	1.22
Total	96,262	94,939	1,323	4.04
Total PMUS	305,103	252,185	52,918	12.80
Total Non-PMUS	2,985	355	2,630	0.13
Total All Species	308,088	252,540	55,548	12.92

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, 2015
 Set Types All Sets
 Fishing Area Hawaiian Islands EEZ + PRIA EEZ

Number of vessels active	118
Number of trips (partial or completed)	335
Number of sets	3,038
Number of hooks set	7,634,832

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	1,506	1,502	4	0.20
Striped marlin	4,260	4,225	35	0.56
Shortbill spearfish	3,416	3,395	21	0.45
Swordfish	533	430	103	0.07
Other billfishes	103	102	1	0.01
Total	9,818	9,654	164	1.29
Shark PMUS				
Blue shark	14,906	0	14,906	1.95
Mako sharks	425	90	335	0.06
Thresher sharks	907	19	888	0.12
Oceanic whitetip shark	150	0	150	0.02
Silky shark	14	0	14	0.00
Other Sharks	75	0	75	0.01
Total	16,477	109	16,368	2.16
Tuna PMUS				
Albacore	413	413	0	0.05
Bigeye tuna	34,969	34,394	575	4.58
Yellowfin tuna	6,879	6,817	62	0.90
Bluefin tuna	0	0	0	0.00
Skipjack tuna	1,784	1,759	25	0.23
Other tunas	0	0	0	0.00
Total	44,045	43,383	662	5.77
Other PMUS				
Mahimahi	5,997	5,965	32	0.79
Moonfish	1,362	1,359	3	0.18
Wahoo	2,646	2,637	9	0.35
Oilfish	4,892	4,815	77	0.64
Pomfret	7,096	7,092	4	0.93
Total	21,993	21,868	125	2.88
Total PMUS	92,333	75,014	17,319	12.09
Total Non-PMUS	285	96	189	0.04
Total All Species	92,618	75,110	17,508	12.13

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, 2015
 Set Types All Sets
 Fishing Area Outside U.S. EEZ

Number of vessels active	138
Number of trips (partial or completed)	588
Number of sets	6,259
Number of hooks set	16,204,374

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	1,707	1,665	42	0.11
Striped marlin	3,808	3,752	56	0.23
Shortbill spearfish	4,331	4,226	105	0.27
Swordfish	3,040	2,760	280	0.19
Other billfishes	156	152	4	0.01
Total	13,042	12,555	487	0.80
Shark PMUS				
Blue shark	29,618	0	29,618	1.83
Mako sharks	1,668	233	1,435	0.10
Thresher sharks	1,046	10	1,036	0.06
Oceanic whitetip shark	131	1	130	0.01
Silky shark	4	0	4	0.00
Other Sharks	128	0	128	0.01
Total	32,595	244	32,351	2.01
Tuna PMUS				
Albacore	623	623	0	0.04
Bigeye tuna	81,842	80,429	1,413	5.05
Yellowfin tuna	7,148	7,054	94	0.44
Bluefin tuna	0	0	0	0.00
Skipjack tuna	3,251	3,195	56	0.20
Other tunas	0	0	0	0.00
Total	92,864	91,301	1,563	5.73
Other PMUS				
Mahimahi	20,450	20,283	167	1.26
Moonfish	18,326	18,037	289	1.13
Wahoo	5,044	5,028	16	0.31
Oilfish	8,554	7,912	642	0.53
Pomfret	21,895	21,811	84	1.35
Total	74,269	73,071	1,198	4.58
Total PMUS	212,770	177,171	35,599	13.13
Total Non-PMUS	2,700	259	2,441	0.17
Total All Species	215,470	177,430	38,040	13.30

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, 2015	Number of vessels active	8	
Set Types	Shallow sets	Number of trips (partial or completed)	12	
Fishing Area	All Areas	Number of sets	188	
		Number of hooks set	205,917	

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	11	10	1	0.05
Striped marlin	54	50	4	0.26
Shortbill spearfish	14	10	4	0.07
Swordfish	1,450	1,303	147	7.04
Other billfishes	1	0	1	0.00
Total	1,530	1,373	157	7.43
Shark PMUS				
Blue shark	3,861	0	3,861	18.75
Mako sharks	384	44	340	1.86
Thresher sharks	10	0	10	0.05
Oceanic whitetip shark	7	1	6	0.03
Silky shark	0	0	0	0.00
Other Sharks	25	0	25	0.12
Total	4,287	45	4,242	20.82
Tuna PMUS				
Albacore	11	11	0	0.05
Bigeye tuna	117	57	60	0.57
Yellowfin tuna	32	32	0	0.16
Bluefin tuna	0	0	0	0.00
Skipjack tuna	9	8	1	0.04
Other tunas	0	0	0	0.00
Total	169	108	61	0.82
Other PMUS				
Mahimahi	204	197	7	0.99
Moonfish	314	259	55	1.52
Wahoo	5	5	0	0.02
Oilfish	397	263	134	1.93
Pomfret	13	9	4	0.06
Total	933	733	200	4.53
Total PMUS	6,919	2,259	4,660	33.60
Total Non-PMUS	0	0	0	0.00
Total All Species	6,919	2,259	4,660	33.60

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, 2015
 Set Types Deep sets
 Fishing Area All Areas

Number of vessels active	138
Number of trips (partial or completed)	749
Number of sets	9,109
Number of hooks set	23,633,289

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	3,202	3,157	45	0.14
Striped marlin	8,014	7,927	87	0.34
Shortbill spearfish	7,733	7,611	122	0.33
Swordfish	2,123	1,887	236	0.09
Other billfishes	258	254	4	0.01
Total	21,330	20,836	494	0.90
Shark PMUS				
Blue shark	40,663	0	40,663	1.72
Mako sharks	1,709	279	1,430	0.07
Thresher sharks	1,943	29	1,914	0.08
Oceanic whitetip shark	274	0	274	0.01
Silky shark	18	0	18	0.00
Other Sharks	178	0	178	0.01
Total	44,785	308	44,477	1.89
Tuna PMUS				
Albacore	1,025	1,025	0	0.04
Bigeye tuna	116,694	114,766	1,928	4.94
Yellowfin tuna	13,995	13,839	156	0.59
Bluefin tuna	0	0	0	0.00
Skipjack tuna	5,026	4,946	80	0.21
Other tunas	0	0	0	0.00
Total	136,740	134,576	2,164	5.79
Other PMUS				
Mahimahi	26,243	26,051	192	1.11
Moonfish	19,374	19,137	237	0.82
Wahoo	7,685	7,660	25	0.33
Oilfish	13,049	12,464	585	0.55
Pomfret	28,978	28,894	84	1.23
Total	95,329	94,206	1,123	4.03
Total PMUS	298,184	249,926	48,258	12.62
Total Non-PMUS	2,985	355	2,630	0.13
Total All Species	301,169	250,281	50,888	12.74