

**The Hawaii-California Pelagic Longline Vessels
Quarterly Report
1 April-30 June 2019¹**

Fisheries Research and Monitoring Division (FRMD)
Pacific Islands Fisheries Science Center (PIFSC), NOAA Fisheries
NOAA Inouye Regional Center
1845 Wasp Boulevard, Building 176, Honolulu, HI 96818

This quarterly report for the period 1 April-30 June 2019, contains summary data summaries of fishing effort and catch statistics as reported on longline log sheets for the Hawaii - California longline limited-entry fishery. Data in this report originate from the PIFSC Information Management System (Oracle) table LLDS_REPORT_STATS_RFMO_HC, representing preliminary data received as of 15 March 2020. Catch and effort statistics are based on date of longline haul. When a statistic (number of vessels, trips) involves dates of haul in two 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 statistics are not additive (i.e., sum of four quarters is not the total for the year).

The following tables show fishery statistics for the stated time period, area, and set type, and include effort (number of vessels, trips, sets, and hooks set). For each listed species, organized by pelagic management unit species (PMUS), the table includes the number of fish caught, kept, and released, and the catch per unit effort (CPUE), measured as the number of fish caught per 1,000 hooks.

References:

Pacific Islands Fisheries Science Center, 2020: Hawaii Longline Logbook,
<https://www.fisheries.noaa.gov/inport/item/2721>

Southwest Fisheries Science Center, 2020: California Pelagic Longline Fishery,
<https://www.fisheries.noaa.gov/inport/item/12906>

¹PIFSC Data Report DR-20-006. Issued 04 September 2020
<https://doi.org/10.25923/m61c-ak16>

Table 1. For the period 1 April - 30 June, 2019, Hawaii and California permitted longline fisheries quarterly statistics for all fishing areas and all fishing categories (set types), including effort (number of vessels, trips, sets, and hooks set), and for each listed species, organized by pelagic management unit species (PMUS) groups of billfish, shark, tuna, and other, along with the number of fish caught, kept, and released, and the catch per unit effort (CPUE, number per 1,000 hooks, calculated as the sum of fish caught divided by the sum of hooks set). Data Source: PIFSC Information Management System, Longline Logbook Data.

Report Coverage

Time Period 1 April - 30 June, 2019
 Set Types All sets
 Fishing Area All Areas

Number of vessels active	144
Number of trips (partial or completed)	496
Number of sets	5,972
Number of hooks set	16,720,048

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	4,528	4,494	34	0.27
Striped marlin	4,273	4,161	112	0.26
Shortbill spearfish	4,032	3,962	70	0.24
Swordfish	2,498	2,452	46	0.15
Other billfishes	103	99	4	0.01
Total	15,434	15,168	266	0.92
Shark PMUS				
Blue shark	24,399	0	24,399	1.46
Mako sharks	1,095	85	1,010	0.07
Thresher sharks	3,134	0	3,134	0.19
Oceanic whitetip shark	88	0	88	0.01
Silky shark	109	0	109	0.01
Total	28,825	85	28,740	1.72
Tuna PMUS				
Albacore	869	794	75	0.05
Bigeye tuna	54,467	53,547	920	3.26
Yellowfin tuna	12,217	11,874	343	0.73
Bluefin tuna	1	1	0	0.00
Skipjack tuna	10,137	10,018	119	0.61
Other tunas	0	0	0	0.00
Total	77,691	76,234	1,457	4.65
Other PMUS				
Mahimahi	5,470	5,382	88	0.33
Moonfish	5,712	5,690	22	0.34
Wahoo	16,786	16,706	80	1.00
Oilfish	3,572	2,855	717	0.21
Pomfret	14,498	14,364	134	0.87
Total	46,038	44,997	1,041	2.75
Total PMUS	167,988	136,484	31,504	10.05
Non-PMUS Sharks	99	0	99	0.01
Total Non-PMUS	625	39	586	0.04
Total All Species	168,613	136,523	32,090	10.08

Table 2. For the period 1 April - 30 June, 2019, Hawaii and California permitted longline fisheries quarterly statistics for fishing within the U.S. EEZ (Main Hawaiian Islands, Northwest Hawaiian Islands, or the Pacific Remote Islands, and with all fishing categories (set types), including effort (number of vessels, trips, sets, and hooks set), and for each listed species, organized by pelagic management unit species (PMUS) groups of billfish, shark, tuna, and other, along with the number of fish caught, kept, and released, and the catch per unit effort (CPUE, number per 1,000 hooks, calculated as the sum of fish caught divided by the sum of hooks set). Data Source: PIFSC Information Management System, Longline Logbook Data.

Report Coverage

Time Period 1 April - 30 June, 2019
 Set Types All sets
 Fishing Area Inside U.S. EEZ

Number of vessels active	112
Number of trips (partial or completed)	231
Number of sets	1,379
Number of hooks set	3,800,133

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	1,187	1,176	11	0.31
Striped marlin	900	891	9	0.24
Shortbill spearfish	1,015	1,008	7	0.27
Swordfish	665	660	5	0.17
Other billfishes	15	15	0	0.00
Total	3,782	3,750	32	1.00
Shark PMUS				
Blue shark	5,615	0	5,615	1.48
Mako sharks	255	21	234	0.07
Thresher sharks	328	0	328	0.09
Oceanic whitetip shark	29	0	29	0.01
Silky shark	32	0	32	0.01
Total	6,259	21	6,238	1.65
Tuna PMUS				
Albacore	46	46	0	0.01
Bigeye tuna	10,554	10,487	67	2.78
Yellowfin tuna	3,118	3,084	34	0.82
Bluefin tuna	0	0	0	0.00
Skipjack tuna	2,969	2,953	16	0.78
Other tunas	0	0	0	0.00
Total	16,687	16,570	117	4.39
Other PMUS				
Mahimahi	697	693	4	0.18
Moonfish	750	749	1	0.20
Wahoo	3,378	3,365	13	0.89
Oilfish	706	569	137	0.19
Pomfret	4,037	3,997	40	1.06
Total	9,568	9,373	195	2.52
Total PMUS	36,296	29,714	6,582	9.55
Non-PMUS Sharks	4	0	4	0.00
Total Non-PMUS	59	11	48	0.02
Total All Species	36,355	29,725	6,630	9.57

Table 3. For the period 1 April - 30 June, 2019, Hawaii and California permitted longline fisheries quarterly statistics for fishing outside the U.S. EEZ and with all fishing categories (set types), including effort (number of vessels, trips, sets, and hooks set), and for each listed species, organized by pelagic management unit species (PMUS) groups of billfish, shark, tuna, and other, along with the number of fish caught, kept, and released, and the catch per unit effort (CPUE, number per 1,000 hooks, calculated as the sum of fish caught divided by the sum of hooks set). Data Source: PIFSC Information Management System, Longline Logbook Data.

Report Coverage

Time Period 1 April - 30 June, 2019
 Set Types All sets
 Fishing Area Outside U.S. EEZ

Number of vessels active	143
Number of trips (partial or completed)	445
Number of sets	4,593
Number of hooks set	12,919,915

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	3,341	3,318	23	0.26
Striped marlin	3,373	3,270	103	0.26
Shortbill spearfish	3,017	2,954	63	0.23
Swordfish	1,833	1,792	41	0.14
Other billfishes	88	84	4	0.01
Total	11,652	11,418	234	0.90
Shark PMUS				
Blue shark	18,784	0	18,784	1.45
Mako sharks	840	64	776	0.07
Thresher sharks	2,806	0	2,806	0.22
Oceanic whitetip shark	59	0	59	0.00
Silky shark	77	0	77	0.01
Total	22,566	64	22,502	1.75
Tuna PMUS				
Albacore	823	748	75	0.06
Bigeye tuna	43,913	43,060	853	3.40
Yellowfin tuna	9,099	8,790	309	0.70
Bluefin tuna	1	1	0	0.00
Skipjack tuna	7,168	7,065	103	0.55
Other tunas	0	0	0	0.00
Total	61,004	59,664	1,340	4.72
Other PMUS				
Mahimahi	4,773	4,689	84	0.37
Moonfish	4,962	4,941	21	0.38
Wahoo	13,408	13,341	67	1.04
Oilfish	2,866	2,286	580	0.22
Pomfret	10,461	10,367	94	0.81
Total	36,470	35,624	846	2.82
Total PMUS	131,692	106,770	24,922	10.19
Non-PMUS Sharks	95	0	95	0.01
Total Non-PMUS	566	28	538	0.04
Total All Species	132,258	106,798	25,460	10.24

Table 4. For the period 1 April - 30 June, 2019, Hawaii and California permitted longline fisheries quarterly statistics for all fishing areas and with deep set type, including effort (number of vessels, trips, sets, and hooks set), and for each listed species, organized by pelagic management unit species (PMUS) groups of billfish, shark, tuna, and other, along with the number of fish caught, kept, and released, and the catch per unit effort (CPUE, number per 1,000 hooks, calculated as the sum of fish caught divided by the sum of hooks set). Data Source: PIFSC Information Management System, Longline Logbook Data.

Report Coverage

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 Fishing Area All Areas

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Bluefin tuna	1	1	0	0.00
Skipjack tuna	10,137	10,018	119	0.61
Other tunas	0	0	0	0.00
Total	77,691	76,234	1,457	4.65
Other PMUS				
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