

**The Hawaii-California Pelagic Longline Vessels
Quarterly Report
1 July-30 September 2019¹**

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This quarterly report for the period 1 July-30 September 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-20-007. Issued 04 September 2020
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Table 1. For the period 1 July - 30 September, 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 July - 30 September, 2019
Set Types	All sets
Fishing Area	All Areas

Number of vessels active	145
Number of trips (partial or completed)	501
Number of sets	5,552
Number of hooks set	15,782,552

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	3,055	2,992	63	0.19
Striped marlin	3,095	2,936	159	0.20
Shortbill spearfish	2,968	2,836	132	0.19
Swordfish	707	664	43	0.04
Other billfishes	624	609	15	0.04
Total	10,449	10,037	412	0.66
Shark PMUS				
Blue shark	31,986	0	31,986	2.03
Mako sharks	1,173	155	1,018	0.07
Thresher sharks	1,525	17	1,508	0.10
Oceanic whitetip shark	94	0	94	0.01
Silky shark	75	0	75	0.00
Total	34,853	172	34,681	2.21
Tuna PMUS				
Albacore	2,113	2,106	7	0.13
Bigeye tuna	42,010	40,985	1,025	2.66
Yellowfin tuna	14,979	14,613	366	0.95
Bluefin tuna	4	4	0	0.00
Skipjack tuna	7,384	7,285	99	0.47
Other tunas	0	0	0	0.00
Total	66,490	64,993	1,497	4.21
Other PMUS				
Mahimahi	9,239	9,080	159	0.59
Moonfish	7,594	7,560	34	0.48
Wahoo	10,811	10,759	52	0.68
Oilfish	3,078	2,741	337	0.20
Pomfret	12,519	12,422	97	0.79
Total	43,241	42,562	679	2.74
Total PMUS	155,033	117,764	37,269	9.82
Non-PMUS Sharks	51	0	51	0.00
Total Non-PMUS	2,381	77	2,304	0.15
Total All Species	157,414	117,841	39,573	9.97

Table 2. For the period 1 July - 30 September, 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 July - 30 September, 2019
 Set Types All sets
 Fishing Area Inside U.S. EEZ

Number of vessels active	92
Number of trips (partial or completed)	183
Number of sets	1,048
Number of hooks set	2,881,188

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	798	776	22	0.28
Striped marlin	476	469	7	0.17
Shortbill spearfish	561	555	6	0.19
Swordfish	94	81	13	0.03
Other billfishes	117	115	2	0.04
Total	2,046	1,996	50	0.71
Shark PMUS				
Blue shark	4,876	0	4,876	1.69
Mako sharks	159	27	132	0.06
Thresher sharks	243	0	243	0.08
Oceanic whitetip shark	36	0	36	0.01
Silky shark	19	0	19	0.01
Total	5,333	27	5,306	1.85
Tuna PMUS				
Albacore	79	79	0	0.03
Bigeye tuna	3,986	3,947	39	1.38
Yellowfin tuna	2,739	2,705	34	0.95
Bluefin tuna	0	0	0	0.00
Skipjack tuna	2,179	2,140	39	0.76
Other tunas	0	0	0	0.00
Total	8,983	8,871	112	3.12
Other PMUS				
Mahimahi	1,190	1,181	9	0.41
Moonfish	356	356	0	0.12
Wahoo	2,415	2,411	4	0.84
Oilfish	298	272	26	0.10
Pomfret	2,531	2,500	31	0.88
Total	6,790	6,720	70	2.36
Total PMUS	23,152	17,614	5,538	8.04
Non-PMUS Sharks	15	0	15	0.01
Total Non-PMUS	38	7	31	0.01
Total All Species	23,190	17,621	5,569	8.05

Table 3. For the period 1 July - 30 September, 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		Summary Statistics		
Time Period	1 July - 30 September, 2019	Number of vessels active	144	
Set Types	All sets	Number of trips (partial or completed)	447	
Fishing Area	Outside U.S. EEZ	Number of sets	4,504	
		Number of hooks set	12,901,364	

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	2,257	2,216	41	0.17
Striped marlin	2,619	2,467	152	0.20
Shortbill spearfish	2,407	2,281	126	0.19
Swordfish	613	583	30	0.05
Other billfishes	507	494	13	0.04
Total	8,403	8,041	362	0.65
Shark PMUS				
Blue shark	27,110	0	27,110	2.10
Mako sharks	1,014	128	886	0.08
Thresher sharks	1,282	17	1,265	0.10
Oceanic whitetip shark	58	0	58	0.00
Silky shark	56	0	56	0.00
Total	29,520	145	29,375	2.29
Tuna PMUS				
Albacore	2,034	2,027	7	0.16
Bigeye tuna	38,024	37,038	986	2.95
Yellowfin tuna	12,240	11,908	332	0.95
Bluefin tuna	4	4	0	0.00
Skipjack tuna	5,205	5,145	60	0.40
Other tunas	0	0	0	0.00
Total	57,507	56,122	1,385	4.46
Other PMUS				
Mahimahi	8,049	7,899	150	0.62
Moonfish	7,238	7,204	34	0.56
Wahoo	8,396	8,348	48	0.65
Oilfish	2,780	2,469	311	0.22
Pomfret	9,988	9,922	66	0.77
Total	36,451	35,842	609	2.83
Total PMUS	131,881	100,150	31,731	10.22
Non-PMUS Sharks	36	0	36	0.00
Total Non-PMUS	2,343	70	2,273	0.18
Total All Species	134,224	100,220	34,004	10.40

Table 4. For the period 1 July - 30 September, 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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 Set Types Deep sets
 Fishing Area All Areas

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