

**The Hawaii - California Pelagic Longline Vessels
Quarterly Report
1 July-30 September 2020**

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This quarterly report for the period 1 July-30 September 2020 contains summary data of fishing effort and catch statistics as reported on longline log sheets for the Hawaii - California pelagic longline vessels. Data in this report originate from the PIFSC Information Management System (Oracle) table LLDS_REPORT_STATS_PRELIM_HC, representing RFMO data received as of 15 September 2021. 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) groups of billfish, shark, tuna, and other, 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.

Catch and effort summaries in this report were based on RFMO standards and business rules. Longline catch and effort statistics in this report consists of U.S. longline fisheries in the North Pacific Ocean, attributions from CNMI, Guam and American Samoa in the North Pacific Ocean. Longline vessels operating from California were also included in this report to satisfy RFMO data reporting and NOAA confidentiality standards. Some vessels operating in California had Hawaii limited-entry permits.

References:

Pacific Islands Fisheries Science Center, 2021: Hawaii Longline Logbook, <https://www.fisheries.noaa.gov/inport/item/2721>

Southwest Fisheries Science Center, 2021: California Pelagic Longline Fishery, <https://www.fisheries.noaa.gov/inport/item/12906>

Table 1. Hawaii and California-based pelagic longline vessels quarterly statistics for all fishing areas and all fishing categories (set types), including effort (number of vessels, trips, sets, and hooks set). For each listed species, organized by pelagic management unit species (PMUS) groups of billfish, shark, tuna, and other, the table includes 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 2020
 Set Types All sets
 Fishing Area All Areas

Number of vessels active	136
Number of trips (partial or completed)	433
Number of sets	5,066
Number of hooks set	14,482,582

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	2,203	2,191	12	0.15
Striped marlin	2,635	2,616	19	0.18
Shortbill spearfish	2,327	2,242	85	0.16
Swordfish	664	608	56	0.05
Other billfishes	187	184	3	0.01
Total	8,016	7,841	175	0.55
Shark PMUS				
Blue shark	32,976	1	32,975	2.28
Mako sharks	1,368	7	1,361	0.09
Thresher sharks	1,471	6	1,465	0.10
Oceanic whitetip shark	217	0	217	0.01
Silky shark	86	0	86	0.01
Total	36,118	14	36,104	2.49
Tuna PMUS				
Albacore	962	959	3	0.07
Bigeye tuna	36,478	35,713	765	2.52
Yellowfin tuna	17,294	17,031	263	1.19
Bluefin tuna	0	0	0	0.00
Skipjack tuna	6,139	6,080	59	0.42
Other tunas	0	0	0	0.00
Total	60,873	59,783	1,090	4.20
Other PMUS				
Mahimahi	7,136	7,084	52	0.49
Moonfish	3,669	3,642	27	0.25
Wahoo	6,514	6,474	40	0.45
Oilfish	1,970	1,429	541	0.14
Pomfret	9,451	9,381	70	0.65
Total	28,740	28,010	730	1.98
Total PMUS	133,747	95,648	38,099	9.24
Non-PMUS Sharks	70	0	70	0.00
Total Non-PMUS	1,468	52	1,416	0.10
Total All Species	135,215	95,700	39,515	9.34

Table 2. Hawaii and California-based pelagic longline vessels quarterly statistics for fishing within the U.S. EEZ (main Hawaiian Islands, Northwestern Hawaiian Islands, or the Pacific Remote Islands, and with all fishing categories (set types), including effort (number of vessels, trips, sets, and hooks set). For each listed species, organized by pelagic management unit species (PMUS) groups of billfish, shark, tuna, and other, the table includes 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 2020
 Set Types All sets
 Fishing Area Inside U.S. EEZ

Number of vessels active	97
Number of trips (partial or completed)	179
Number of sets	935
Number of hooks set	2,546,582

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	350	348	2	0.14
Striped marlin	185	181	4	0.07
Shortbill spearfish	316	315	1	0.12
Swordfish	112	103	9	0.04
Other billfishes	15	15	0	0.01
Total	978	962	16	0.38
Shark PMUS				
Blue shark	4,998	0	4,998	1.96
Mako sharks	91	0	91	0.04
Thresher sharks	104	0	104	0.04
Oceanic whitetip shark	28	0	28	0.01
Silky shark	23	0	23	0.01
Total	5,244	0	5,244	2.06
Tuna PMUS				
Albacore	21	21	0	0.01
Bigeye tuna	3,599	3,531	68	1.41
Yellowfin tuna	2,976	2,930	46	1.17
Bluefin tuna	0	0	0	0.00
Skipjack tuna	943	936	7	0.37
Other tunas	0	0	0	0.00
Total	7,539	7,418	121	2.96
Other PMUS				
Mahimahi	1,048	1,046	2	0.41
Moonfish	199	199	0	0.08
Wahoo	1,481	1,467	14	0.58
Oilfish	217	179	38	0.09
Pomfret	2,151	2,131	20	0.84
Total	5,096	5,022	74	2.00
Total PMUS	18,857	13,402	5,455	7.40
Non-PMUS Sharks	12	0	12	0.00
Total Non-PMUS	45	30	15	0.02
Total All Species	18,902	13,432	5,470	7.42

Table 3. Hawaii and California-based pelagic longline vessels 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). For each listed species, organized by pelagic management unit species (PMUS) groups of billfish, shark, tuna, and other, the table includes 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 2020
 Set Types All sets
 Fishing Area Outside U.S. EEZ

Number of vessels active	135
Number of trips (partial or completed)	380
Number of sets	4,131
Number of hooks set	11,936,000

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	1,853	1,843	10	0.16
Striped marlin	2,450	2,435	15	0.21
Shortbill spearfish	2,011	1,927	84	0.17
Swordfish	552	505	47	0.05
Other billfishes	172	169	3	0.01
Total	7,038	6,879	159	0.59
Shark PMUS				
Blue shark	27,978	1	27,977	2.34
Mako sharks	1,277	7	1,270	0.11
Thresher sharks	1,367	6	1,361	0.11
Oceanic whitetip shark	189	0	189	0.02
Silky shark	63	0	63	0.01
Total	30,874	14	30,860	2.59
Tuna PMUS				
Albacore	941	938	3	0.08
Bigeye tuna	32,879	32,182	697	2.75
Yellowfin tuna	14,318	14,101	217	1.20
Bluefin tuna	0	0	0	0.00
Skipjack tuna	5,196	5,144	52	0.44
Other tunas	0	0	0	0.00
Total	53,334	52,365	969	4.47
Other PMUS				
Mahimahi	6,088	6,038	50	0.51
Moonfish	3,470	3,443	27	0.29
Wahoo	5,033	5,007	26	0.42
Oilfish	1,753	1,250	503	0.15
Pomfret	7,300	7,250	50	0.61
Total	23,644	22,988	656	1.98
Total PMUS	114,890	82,246	32,644	9.63
Non-PMUS Sharks	58	0	58	0.00
Total Non-PMUS	1,423	22	1,401	0.12
Total All Species	116,313	82,268	34,045	9.74