

**The Hawaii - California Pelagic Longline Vessels
Quarterly Report
1 July-30 September 2021**

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This quarterly report for the 1 July-30 September 2021 period 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 2022. 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 1000 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, 2022: Hawaii Longline Logbook, <https://www.fisheries.noaa.gov/inport/item/2721>

Southwest Fisheries Science Center, 2022: 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 1000 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 2021
 Set Types All sets
 Fishing Area All Areas

Number of vessels active	141
Number of trips (partial or completed)	466
Number of sets	5,507
Number of hooks set	16,228,009

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	1,413	1,409	4	0.09
Striped marlin	1,656	1,630	26	0.10
Shortbill spearfish	1,820	1,733	87	0.11
Swordfish	847	818	29	0.05
Other billfishes	230	224	6	0.01
Total	5,966	5,814	152	0.37
Shark PMUS				
Blue shark	32,911	0	32,911	2.03
Mako sharks	782	4	778	0.05
Thresher sharks	1,675	4	1,671	0.10
Oceanic whitetip shark	85	0	85	0.01
Silky shark	89	0	89	0.01
Total	35,542	8	35,534	2.19
Tuna PMUS				
Albacore	5,254	5,103	151	0.32
Bigeye tuna	36,807	36,271	536	2.27
Yellowfin tuna	20,515	19,982	533	1.26
Bluefin tuna	1	1	0	0.00
Skipjack tuna	2,044	2,033	11	0.13
Other tunas	0	0	0	0.00
Total	64,621	63,390	1,231	3.98
Other PMUS				
Mahimahi	11,951	11,859	92	0.74
Moonfish	2,048	2,045	3	0.13
Wahoo	8,679	8,650	29	0.53
Oilfish	2,056	1,662	394	0.13
Pomfret	8,919	8,828	91	0.55
Total	33,653	33,044	609	2.07
Total PMUS	139,782	102,256	37,526	8.61
Non-PMUS Sharks	62	0	62	0.00
Total Non-PMUS	2,491	36	2,455	0.15
Total All Species	142,273	102,292	39,981	8.77

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 1000 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 2021
 Set Types All sets
 Fishing Area Inside U.S. EEZ

Number of vessels active	98
Number of trips (partial or completed)	189
Number of sets	970
Number of hooks set	2,759,033

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	270	269	1	0.10
Striped marlin	160	156	4	0.06
Shortbill spearfish	215	214	1	0.08
Swordfish	95	92	3	0.03
Other billfishes	25	25	0	0.01
Total	765	756	9	0.28
Shark PMUS				
Blue shark	4,299	0	4,299	1.56
Mako sharks	98	0	98	0.04
Thresher sharks	152	2	150	0.06
Oceanic whitetip shark	30	0	30	0.01
Silky shark	20	0	20	0.01
Total	4,599	2	4,597	1.67
Tuna PMUS				
Albacore	200	195	5	0.07
Bigeye tuna	3,094	2,963	131	1.12
Yellowfin tuna	4,309	4,207	102	1.56
Bluefin tuna	0	0	0	0.00
Skipjack tuna	627	627	0	0.23
Other tunas	0	0	0	0.00
Total	8,230	7,992	238	2.98
Other PMUS				
Mahimahi	936	929	7	0.34
Moonfish	81	81	0	0.03
Wahoo	1,628	1,624	4	0.59
Oilfish	258	217	41	0.09
Pomfret	1,171	1,154	17	0.42
Total	4,074	4,005	69	1.48
Total PMUS	17,668	12,755	4,913	6.40
Non-PMUS Sharks	19	0	19	0.01
Total Non-PMUS	374	24	350	0.14
Total All Species	18,042	12,779	5,263	6.54

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 1000 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 2021
 Set Types All sets
 Fishing Area Outside U.S. EEZ

Number of vessels active	138
Number of trips (partial or completed)	407
Number of sets	4,537
Number of hooks set	13,468,976

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	1,143	1,140	3	0.08
Striped marlin	1,496	1,474	22	0.11
Shortbill spearfish	1,605	1,519	86	0.12
Swordfish	752	726	26	0.06
Other billfishes	205	199	6	0.02
Total	5,201	5,058	143	0.39
Shark PMUS				
Blue shark	28,612	0	28,612	2.12
Mako sharks	684	4	680	0.05
Thresher sharks	1,523	2	1,521	0.11
Oceanic whitetip shark	55	0	55	0.00
Silky shark	69	0	69	0.01
Total	30,943	6	30,937	2.30
Tuna PMUS				
Albacore	5,054	4,908	146	0.38
Bigeye tuna	33,713	33,308	405	2.50
Yellowfin tuna	16,206	15,775	431	1.20
Bluefin tuna	1	1	0	0.00
Skipjack tuna	1,417	1,406	11	0.11
Other tunas	0	0	0	0.00
Total	56,391	55,398	993	4.19
Other PMUS				
Mahimahi	11,015	10,930	85	0.82
Moonfish	1,967	1,964	3	0.15
Wahoo	7,051	7,026	25	0.52
Oilfish	1,798	1,445	353	0.13
Pomfret	7,748	7,674	74	0.58
Total	29,579	29,039	540	2.20
Total PMUS	122,114	89,501	32,613	9.07
Non-PMUS Sharks	43	0	43	0.00
Total Non-PMUS	2,117	12	2,105	0.16
Total All Species	124,231	89,513	34,718	9.22

Table 4. Hawaii and California-based pelagic longline vessels quarterly statistics for all fishing areas and with deep set type, 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 1000 hooks, calculated as the sum of fish caught divided by the sum of hooks set). Data Source: PIFSC Information Management System, Longline Logbook Data.

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