

**The Hawaii - California Pelagic Longline Vessels
Quarterly Report
1 April-30 June 2020**

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This quarterly report for the period 1 April-30 June 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 April-30 June 2020
 Set Types All sets
 Fishing Area All Areas

| | |
|--|------------|
| Number of vessels active | 137 |
| Number of trips (partial or completed) | 464 |
| Number of sets | 5,063 |
| Number of hooks set | 14,549,111 |

| Pelagic Management Unit Species (PMUS) | Number Caught | Number Kept | Number Released | CPUE Number Caught per 1000 Hooks |
|--|----------------|---------------|-----------------|-----------------------------------|
| PMUS | | | | |
| Billfish PMUS | | | | |
| Blue marlin | 2,067 | 2,041 | 26 | 0.14 |
| Striped marlin | 2,489 | 2,447 | 42 | 0.17 |
| Shortbill spearfish | 1,807 | 1,711 | 96 | 0.12 |
| Swordfish | 2,025 | 2,008 | 17 | 0.14 |
| Other billfishes | 68 | 64 | 4 | 0.00 |
| Total | 8,456 | 8,271 | 185 | 0.58 |
| Shark PMUS | | | | |
| Blue shark | 21,577 | 0 | 21,577 | 1.48 |
| Mako sharks | 674 | 11 | 663 | 0.05 |
| Thresher sharks | 3,539 | 8 | 3,531 | 0.24 |
| Oceanic whitetip shark | 86 | 0 | 86 | 0.01 |
| Silky shark | 50 | 0 | 50 | 0.00 |
| Total | 25,926 | 19 | 25,907 | 1.78 |
| Tuna PMUS | | | | |
| Albacore | 5,946 | 5,595 | 351 | 0.41 |
| Bigeye tuna | 46,124 | 45,078 | 1,046 | 3.17 |
| Yellowfin tuna | 7,720 | 7,465 | 255 | 0.53 |
| Bluefin tuna | 0 | 0 | 0 | 0.00 |
| Skipjack tuna | 6,911 | 6,866 | 45 | 0.48 |
| Other tunas | 0 | 0 | 0 | 0.00 |
| Total | 66,701 | 65,004 | 1,697 | 4.58 |
| Other PMUS | | | | |
| Mahimahi | 2,807 | 2,786 | 21 | 0.19 |
| Moonfish | 3,697 | 3,693 | 4 | 0.25 |
| Wahoo | 7,881 | 7,841 | 40 | 0.54 |
| Oilfish | 1,713 | 957 | 756 | 0.12 |
| Pomfret | 7,803 | 7,740 | 63 | 0.54 |
| Total | 23,901 | 23,017 | 884 | 1.64 |
| Total PMUS | 124,984 | 96,311 | 28,673 | 8.59 |
| Non-PMUS Sharks | 67 | 0 | 67 | 0.00 |
| Total Non-PMUS | 1,289 | 66 | 1,223 | 0.09 |
| Total All Species | 126,273 | 96,377 | 29,896 | 8.68 |

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 April-30 June 2020
 Set Types All sets
 Fishing Area Inside U.S. EEZ

| | |
|--|-----------|
| Number of vessels active | 99 |
| Number of trips (partial or completed) | 179 |
| Number of sets | 1,155 |
| Number of hooks set | 3,237,603 |

| Pelagic Management Unit Species (PMUS) | Number Caught | Number Kept | Number Released | CPUE Number Caught per 1000 Hooks |
|--|---------------|---------------|-----------------|-----------------------------------|
| PMUS | | | | |
| Billfish PMUS | | | | |
| Blue marlin | 559 | 555 | 4 | 0.17 |
| Striped marlin | 562 | 555 | 7 | 0.17 |
| Shortbill spearfish | 470 | 458 | 12 | 0.15 |
| Swordfish | 640 | 633 | 7 | 0.20 |
| Other billfishes | 15 | 15 | 0 | 0.00 |
| Total | 2,246 | 2,216 | 30 | 0.69 |
| Shark PMUS | | | | |
| Blue shark | 5,115 | 0 | 5,115 | 1.58 |
| Mako sharks | 98 | 0 | 98 | 0.03 |
| Thresher sharks | 751 | 0 | 751 | 0.23 |
| Oceanic whitetip shark | 9 | 0 | 9 | 0.00 |
| Silky shark | 19 | 0 | 19 | 0.01 |
| Total | 5,992 | 0 | 5,992 | 1.85 |
| Tuna PMUS | | | | |
| Albacore | 15 | 15 | 0 | 0.00 |
| Bigeye tuna | 7,944 | 7,876 | 68 | 2.45 |
| Yellowfin tuna | 1,264 | 1,262 | 2 | 0.39 |
| Bluefin tuna | 0 | 0 | 0 | 0.00 |
| Skipjack tuna | 2,037 | 2,034 | 3 | 0.63 |
| Other tunas | 0 | 0 | 0 | 0.00 |
| Total | 11,260 | 11,187 | 73 | 3.48 |
| Other PMUS | | | | |
| Mahimahi | 438 | 437 | 1 | 0.14 |
| Moonfish | 333 | 332 | 1 | 0.10 |
| Wahoo | 1,820 | 1,816 | 4 | 0.56 |
| Oilfish | 391 | 215 | 176 | 0.12 |
| Pomfret | 1,898 | 1,879 | 19 | 0.59 |
| Total | 4,880 | 4,679 | 201 | 1.51 |
| Total PMUS | 24,378 | 18,082 | 6,296 | 7.53 |
| Non-PMUS Sharks | 4 | 0 | 4 | 0.00 |
| Total Non-PMUS | 213 | 11 | 202 | 0.07 |
| Total All Species | 24,591 | 18,093 | 6,498 | 7.60 |

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 April-30 June 2020
 Set Types All sets
 Fishing Area Outside U.S. EEZ

| | |
|--|------------|
| Number of vessels active | 136 |
| Number of trips (partial or completed) | 399 |
| Number of sets | 3,908 |
| Number of hooks set | 11,311,508 |

| Pelagic Management Unit Species (PMUS) | Number Caught | Number Kept | Number Released | CPUE Number Caught per 1000 Hooks |
|--|----------------|---------------|-----------------|-----------------------------------|
| PMUS | | | | |
| Billfish PMUS | | | | |
| Blue marlin | 1,508 | 1,486 | 22 | 0.13 |
| Striped marlin | 1,927 | 1,892 | 35 | 0.17 |
| Shortbill spearfish | 1,337 | 1,253 | 84 | 0.12 |
| Swordfish | 1,385 | 1,375 | 10 | 0.12 |
| Other billfishes | 53 | 49 | 4 | 0.00 |
| Total | 6,210 | 6,055 | 155 | 0.55 |
| Shark PMUS | | | | |
| Blue shark | 16,462 | 0 | 16,462 | 1.46 |
| Mako sharks | 576 | 11 | 565 | 0.05 |
| Thresher sharks | 2,788 | 8 | 2,780 | 0.25 |
| Oceanic whitetip shark | 77 | 0 | 77 | 0.01 |
| Silky shark | 31 | 0 | 31 | 0.00 |
| Total | 19,934 | 19 | 19,915 | 1.76 |
| Tuna PMUS | | | | |
| Albacore | 5,931 | 5,580 | 351 | 0.52 |
| Bigeye tuna | 38,180 | 37,202 | 978 | 3.38 |
| Yellowfin tuna | 6,456 | 6,203 | 253 | 0.57 |
| Bluefin tuna | 0 | 0 | 0 | 0.00 |
| Skipjack tuna | 4,874 | 4,832 | 42 | 0.43 |
| Other tunas | 0 | 0 | 0 | 0.00 |
| Total | 55,441 | 53,817 | 1,624 | 4.90 |
| Other PMUS | | | | |
| Mahimahi | 2,369 | 2,349 | 20 | 0.21 |
| Moonfish | 3,364 | 3,361 | 3 | 0.30 |
| Wahoo | 6,061 | 6,025 | 36 | 0.54 |
| Oilfish | 1,322 | 742 | 580 | 0.12 |
| Pomfret | 5,905 | 5,861 | 44 | 0.52 |
| Total | 19,021 | 18,338 | 683 | 1.68 |
| Total PMUS | 100,606 | 78,229 | 22,377 | 8.89 |
| Non-PMUS Sharks | 63 | 0 | 63 | 0.01 |
| Total Non-PMUS | 1,076 | 55 | 1,021 | 0.10 |
| Total All Species | 101,682 | 78,284 | 23,398 | 8.99 |