

**The Hawaii - California Pelagic Longline Vessels  
Quarterly Report  
1 October-31 December 2020**

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This quarterly report for the period 1 October-31 December 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 October-31 December 2020  
 Set Types All sets  
 Fishing Area All Areas

Number of vessels active	137
Number of trips (partial or completed)	478
Number of sets	5,672
Number of hooks set	16,027,445

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
<b>PMUS</b>				
<b>Billfish PMUS</b>				
Blue marlin	1,962	1,948	14	0.12
Striped marlin	3,568	3,524	44	0.22
Shortbill spearfish	2,087	2,031	56	0.13
Swordfish	2,397	2,295	102	0.15
Other billfishes	114	114	0	0.01
<b>Total</b>	<b>10,128</b>	<b>9,912</b>	<b>216</b>	<b>0.63</b>
<b>Shark PMUS</b>				
Blue shark	31,741	0	31,741	1.98
Mako sharks	1,961	166	1,795	0.12
Thresher sharks	1,266	10	1,256	0.08
Oceanic whitetip shark	65	0	65	0.00
Silky shark	52	0	52	0.00
<b>Total</b>	<b>35,085</b>	<b>176</b>	<b>34,909</b>	<b>2.19</b>
<b>Tuna PMUS</b>				
Albacore	777	774	3	0.05
Bigeye tuna	63,068	62,018	1,050	3.94
Yellowfin tuna	15,628	15,428	200	0.98
Bluefin tuna	2	2	0	0.00
Skipjack tuna	3,826	3,798	28	0.24
Other tunas	0	0	0	0.00
<b>Total</b>	<b>83,301</b>	<b>82,020</b>	<b>1,281</b>	<b>5.20</b>
<b>Other PMUS</b>				
Mahimahi	8,521	8,428	93	0.53
Moonfish	4,917	4,597	320	0.31
Wahoo	4,462	4,442	20	0.28
Oilfish	2,753	1,977	776	0.17
Pomfret	8,312	8,194	118	0.52
<b>Total</b>	<b>28,965</b>	<b>27,638</b>	<b>1,327</b>	<b>1.81</b>
<b>Total PMUS</b>	<b>157,479</b>	<b>119,746</b>	<b>37,733</b>	<b>9.83</b>
Non-PMUS Sharks	50	1	49	0.00
<b>Total Non-PMUS</b>	<b>2,215</b>	<b>38</b>	<b>2,177</b>	<b>0.14</b>
<b>Total All Species</b>	<b>159,694</b>	<b>119,784</b>	<b>39,910</b>	<b>9.96</b>

**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 October-31 December 2020  
 Set Types All sets  
 Fishing Area Inside U.S. EEZ

Number of vessels active	116
Number of trips (partial or completed)	294
Number of sets	2,156
Number of hooks set	6,132,498

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
<b>PMUS</b>				
<b>Billfish PMUS</b>				
Blue marlin	1,008	998	10	0.16
Striped marlin	1,396	1,394	2	0.23
Shortbill spearfish	1,029	1,025	4	0.17
Swordfish	132	125	7	0.02
Other billfishes	47	47	0	0.01
<b>Total</b>	<b>3,612</b>	<b>3,589</b>	<b>23</b>	<b>0.59</b>
<b>Shark PMUS</b>				
Blue shark	13,879	0	13,879	2.26
Mako sharks	460	4	456	0.08
Thresher sharks	491	2	489	0.08
Oceanic whitetip shark	39	0	39	0.01
Silky shark	31	0	31	0.01
<b>Total</b>	<b>14,900</b>	<b>6</b>	<b>14,894</b>	<b>2.43</b>
<b>Tuna PMUS</b>				
Albacore	16	16	0	0.00
Bigeye tuna	20,272	19,949	323	3.31
Yellowfin tuna	8,036	7,930	106	1.31
Bluefin tuna	0	0	0	0.00
Skipjack tuna	1,254	1,252	2	0.20
Other tunas	0	0	0	0.00
<b>Total</b>	<b>29,578</b>	<b>29,147</b>	<b>431</b>	<b>4.82</b>
<b>Other PMUS</b>				
Mahimahi	2,719	2,701	18	0.44
Moonfish	329	329	0	0.05
Wahoo	1,571	1,567	4	0.26
Oilfish	671	569	102	0.11
Pomfret	3,372	3,339	33	0.55
<b>Total</b>	<b>8,662</b>	<b>8,505</b>	<b>157</b>	<b>1.41</b>
<b>Total PMUS</b>	<b>56,752</b>	<b>41,247</b>	<b>15,505</b>	<b>9.25</b>
Non-PMUS Sharks	25	1	24	0.00
<b>Total Non-PMUS</b>	<b>395</b>	<b>4</b>	<b>391</b>	<b>0.06</b>
<b>Total All Species</b>	<b>57,147</b>	<b>41,251</b>	<b>15,896</b>	<b>9.32</b>

**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 October-31 December 2020  
 Set Types All sets  
 Fishing Area Outside U.S. EEZ

Number of vessels active	133
Number of trips (partial or completed)	367
Number of sets	3,514
Number of hooks set	9,893,224

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
<b>PMUS</b>				
<b>Billfish PMUS</b>				
Blue marlin	954	950	4	0.10
Striped marlin	2,172	2,130	42	0.22
Shortbill spearfish	1,058	1,006	52	0.11
Swordfish	2,253	2,158	95	0.23
Other billfishes	67	67	0	0.01
<b>Total</b>	<b>6,504</b>	<b>6,311</b>	<b>193</b>	<b>0.66</b>
<b>Shark PMUS</b>				
Blue shark	17,834	0	17,834	1.80
Mako sharks	1,494	155	1,339	0.15
Thresher sharks	775	8	767	0.08
Oceanic whitetip shark	26	0	26	0.00
Silky shark	21	0	21	0.00
<b>Total</b>	<b>20,150</b>	<b>163</b>	<b>19,987</b>	<b>2.04</b>
<b>Tuna PMUS</b>				
Albacore	761	758	3	0.08
Bigeye tuna	42,795	42,068	727	4.33
Yellowfin tuna	7,592	7,498	94	0.77
Bluefin tuna	2	2	0	0.00
Skipjack tuna	2,572	2,546	26	0.26
Other tunas	0	0	0	0.00
<b>Total</b>	<b>53,722</b>	<b>52,872</b>	<b>850</b>	<b>5.43</b>
<b>Other PMUS</b>				
Mahimahi	5,799	5,724	75	0.59
Moonfish	4,586	4,266	320	0.46
Wahoo	2,891	2,875	16	0.29
Oilfish	2,082	1,408	674	0.21
Pomfret	4,940	4,855	85	0.50
<b>Total</b>	<b>20,298</b>	<b>19,128</b>	<b>1,170</b>	<b>2.05</b>
<b>Total PMUS</b>	<b>100,674</b>	<b>78,474</b>	<b>22,200</b>	<b>10.18</b>
Non-PMUS Sharks	25	0	25	0.00
<b>Total Non-PMUS</b>	<b>1,820</b>	<b>34</b>	<b>1,786</b>	<b>0.18</b>
<b>Total All Species</b>	<b>102,494</b>	<b>78,508</b>	<b>23,986</b>	<b>10.36</b>