

# **The Hawaii Limited Access Longline Logbook Summary Report January to June 2018<sup>1</sup>**

Fisheries Research and Monitoring Division, Pacific Islands Fisheries Science Center,  
National Marine Fisheries Service, NOAA Inouye Regional Center, 1845 Wasp Blvd,  
Building 176, Honolulu, Hawaii 96818

The following tables represent preliminary summaries of effort, retained catch (kept) and discards (released) as reported on longline log sheets for the Hawaii limited-access longline fishery. To satisfy confidentiality and RFMO reporting standards, data from the California-based longline fishery are also included in this report. Effort and catch statistics are summarized from logbook data submitted to the PIFSC, FRMD and are based on date of longline haul. The statistics originate from an Oracle table HICA20180904 RFMO 5x5 NON CONF database extraction done on 5 September 2018. When a statistic (number of vessels, trips) can involve dates of haul in two summary periods (i.e., years, semi-annual, or quarters) the item is counted in both summary periods. Thus, a vessel or trip total is for "partial or completed" vessel or trip summary. As such, these are not additive statistics (i.e., sum of four quarters is not the total for the year).

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<sup>1</sup>PIFSC Data Report DR-19-036. Issued 06 May 2019.  
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**Table 1.** Six month summary report of fishing effort and catch statistics for U.S. longline vessels based in Hawaii and California, as derived from NMFS Western Pacific Daily Longline Fishing Log records. Catch and effort statistics are based on date of longline haul. Data Source: PIFSC Information Management System, Longline Logbook Data.

**Report Coverage**

Time Period 1 January - 30 June, 2018  
 Set Types All Sets  
 Fishing Area All Areas

Number of vessels active	140
Number of trips (partial or completed)	895
Number of sets	10,711
Number of hooks set	29,077,252

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	4,032	4,003	29	0.14
Striped marlin	8,760	8,598	162	0.30
Shortbill spearfish	9,144	8,970	174	0.31
Swordfish	9,980	9,447	533	0.34
Other billfishes	242	237	5	0.01
<b>Total</b>	<b>32,158</b>	<b>31,255</b>	<b>903</b>	<b>1.11</b>
<b>Shark PMUS</b>				
Blue shark	40,769	0	40,769	1.40
Mako sharks	2,905	395	2,510	0.10
Thresher sharks	2,869	11	2,858	0.10
Oceanic whitetip shark	163	0	163	0.01
Silky shark	167	0	167	0.01
Other Sharks	91	0	91	0.00
<b>Total</b>	<b>46,964</b>	<b>406</b>	<b>46,558</b>	<b>1.62</b>
<b>Tuna PMUS</b>				
Albacore	1,086	1,083	3	0.04
Bigeye tuna	106,194	104,215	1,979	3.65
Yellowfin tuna	39,137	38,467	670	1.35
Bluefin tuna	4	2	2	0.00
Skipjack tuna	9,920	9,667	253	0.34
Other tunas	0	0	0	0.00
<b>Total</b>	<b>156,341</b>	<b>153,434</b>	<b>2,907</b>	<b>5.38</b>
<b>Other PMUS</b>				
Mahimahi	22,296	21,933	363	0.77
Moonfish	14,612	14,510	102	0.50
Wahoo	17,966	17,856	110	0.62
Oilfish	8,837	7,327	1,510	0.30
Pomfret	31,166	30,975	191	1.07
<b>Total</b>	<b>94,877</b>	<b>92,601</b>	<b>2,276</b>	<b>3.26</b>
<b>Total PMUS</b>	<b>330,340</b>	<b>277,696</b>	<b>52,644</b>	<b>11.36</b>
<b>Total Non-PMUS</b>	<b>1,016</b>	<b>270</b>	<b>746</b>	<b>0.03</b>
<b>Total All Species</b>	<b>331,356</b>	<b>277,966</b>	<b>53,390</b>	<b>11.40</b>

**Table 2.** Six month summary report of fishing effort and catch statistics for U.S. longline vessels based in Hawaii and California, as derived from NMFS Western Pacific Daily Longline Fishing Log records. Catch and effort statistics are based on date of longline haul. Data Source: PIFSC Information Management System, Longline Logbook Data.

**Report Coverage**

Time Period 1 January - 30 June, 2018  
 Set Types All Sets  
 Fishing Area Hawaiian Islands EEZ + PRIA EEZ

Number of vessels active	125
Number of trips (partial or completed)	512
Number of sets	3,200
Number of hooks set	8,674,439

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	1,785	1,778	7	0.21
Striped marlin	3,431	3,425	6	0.40
Shortbill spearfish	3,618	3,611	7	0.42
Swordfish	1,288	1,258	30	0.15
Other billfishes	101	101	0	0.01
<b>Total</b>	<b>10,223</b>	<b>10,173</b>	<b>50</b>	<b>1.18</b>
<b>Shark PMUS</b>				
Blue shark	11,876	0	11,876	1.37
Mako sharks	769	127	642	0.09
Thresher sharks	759	1	758	0.09
Oceanic whitetip shark	94	0	94	0.01
Silky shark	102	0	102	0.01
Other Sharks	30	0	30	0.00
<b>Total</b>	<b>13,630</b>	<b>128</b>	<b>13,502</b>	<b>1.57</b>
<b>Tuna PMUS</b>				
Albacore	161	161	0	0.02
Bigeye tuna	28,528	27,988	540	3.29
Yellowfin tuna	13,480	13,158	322	1.55
Bluefin tuna	0	0	0	0.00
Skipjack tuna	3,940	3,872	68	0.45
Other tunas	0	0	0	0.00
<b>Total</b>	<b>46,109</b>	<b>45,179</b>	<b>930</b>	<b>5.32</b>
<b>Other PMUS</b>				
Mahimahi	4,414	4,389	25	0.51
Moonfish	1,636	1,634	2	0.19
Wahoo	4,581	4,548	33	0.53
Oilfish	2,989	2,519	470	0.34
Pomfret	8,359	8,322	37	0.96
<b>Total</b>	<b>21,979</b>	<b>21,412</b>	<b>567</b>	<b>2.53</b>
<b>Total PMUS</b>	<b>91,941</b>	<b>76,892</b>	<b>15,049</b>	<b>10.60</b>
<b>Total Non-PMUS</b>	<b>262</b>	<b>223</b>	<b>39</b>	<b>0.03</b>
<b>Total All Species</b>	<b>92,203</b>	<b>77,115</b>	<b>15,088</b>	<b>10.63</b>

**Table 3.** Six month summary report of fishing effort and catch statistics for U.S. longline vessels based in Hawaii and California, as derived from NMFS Western Pacific Daily Longline Fishing Log records. Catch and effort statistics are based on date of longline haul. Data Source: PIFSC Information Management System, Longline Logbook Data.

**Report Coverage**

Time Period 1 January - 30 June, 2018  
 Set Types All Sets  
 Fishing Area Outside U.S. EEZ

Number of vessels active	137
Number of trips (partial or completed)	755
Number of sets	7,511
Number of hooks set	20,402,813

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	2,247	2,225	22	0.11
Striped marlin	5,329	5,173	156	0.26
Shortbill spearfish	5,526	5,359	167	0.27
Swordfish	8,692	8,189	503	0.43
Other billfishes	141	136	5	0.01
<b>Total</b>	<b>21,935</b>	<b>21,082</b>	<b>853</b>	<b>1.08</b>
<b>Shark PMUS</b>				
Blue shark	28,893	0	28,893	1.42
Mako sharks	2,136	268	1,868	0.10
Thresher sharks	2,110	10	2,100	0.10
Oceanic whitetip shark	69	0	69	0.00
Silky shark	65	0	65	0.00
Other Sharks	61	0	61	0.00
<b>Total</b>	<b>33,334</b>	<b>278</b>	<b>33,056</b>	<b>1.63</b>
<b>Tuna PMUS</b>				
Albacore	925	922	3	0.05
Bigeye tuna	77,666	76,227	1,439	3.81
Yellowfin tuna	25,657	25,309	348	1.26
Bluefin tuna	4	2	2	0.00
Skipjack tuna	5,980	5,795	185	0.29
Other tunas	0	0	0	0.00
<b>Total</b>	<b>110,232</b>	<b>108,255</b>	<b>1,977</b>	<b>5.40</b>
<b>Other PMUS</b>				
Mahimahi	17,882	17,544	338	0.88
Moonfish	12,976	12,876	100	0.64
Wahoo	13,385	13,308	77	0.66
Oilfish	5,848	4,808	1,040	0.29
Pomfret	22,807	22,653	154	1.12
<b>Total</b>	<b>72,898</b>	<b>71,189</b>	<b>1,709</b>	<b>3.57</b>
<b>Total PMUS</b>	<b>238,399</b>	<b>200,804</b>	<b>37,595</b>	<b>11.68</b>
<b>Total Non-PMUS</b>	<b>754</b>	<b>47</b>	<b>707</b>	<b>0.04</b>
<b>Total All Species</b>	<b>239,153</b>	<b>200,851</b>	<b>38,302</b>	<b>11.72</b>

**Table 4.** Six month summary report of fishing effort and catch statistics for U.S. longline vessels based in Hawaii and California, as derived from NMFS Western Pacific Daily Longline Fishing Log records. Catch and effort statistics are based on date of longline haul. Data Source: PIFSC Information Management System, Longline Logbook Data.

**Report Coverage**

Time Period 1 January - 30 June, 2018  
 Set Types Shallow sets  
 Fishing Area All Areas

Number of vessels active	11
Number of trips (partial or completed)	28
Number of sets	398
Number of hooks set	463,609

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	5	2	3	0.01
Striped marlin	62	41	21	0.13
Shortbill spearfish	44	39	5	0.09
Swordfish	5,894	5,428	466	12.71
Other billfishes	0	0	0	0.00
<b>Total</b>	<b>6,005</b>	<b>5,510</b>	<b>495</b>	<b>12.95</b>
<b>Shark PMUS</b>				
Blue shark	2,538	0	2,538	5.47
Mako sharks	346	63	283	0.75
Thresher sharks	25	1	24	0.05
Oceanic whitetip shark	0	0	0	0.00
Silky shark	0	0	0	0.00
Other Sharks	1	0	1	0.00
<b>Total</b>	<b>2,910</b>	<b>64</b>	<b>2,846</b>	<b>6.28</b>
<b>Tuna PMUS</b>				
Albacore	136	135	1	0.29
Bigeye tuna	1,206	1,136	70	2.60
Yellowfin tuna	743	726	17	1.60
Bluefin tuna	2	2	0	0.00
Skipjack tuna	16	16	0	0.03
Other tunas	0	0	0	0.00
<b>Total</b>	<b>2,103</b>	<b>2,015</b>	<b>88</b>	<b>4.54</b>
<b>Other PMUS</b>				
Mahimahi	638	625	13	1.38
Moonfish	163	148	15	0.35
Wahoo	26	24	2	0.06
Oilfish	168	65	103	0.36
Pomfret	24	17	7	0.05
<b>Total</b>	<b>1,019</b>	<b>879</b>	<b>140</b>	<b>2.20</b>
<b>Total PMUS</b>	<b>12,037</b>	<b>8,468</b>	<b>3,569</b>	<b>25.96</b>
<b>Total Non-PMUS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.00</b>
<b>Total All Species</b>	<b>12,037</b>	<b>8,468</b>	<b>3,569</b>	<b>25.96</b>

**Table 5.** Six month summary report of fishing effort and catch statistics for U.S. longline vessels based in Hawaii and California, as derived from NMFS Western Pacific Daily Longline Fishing Log records. Catch and effort statistics are based on date of longline haul. Data Source: PIFSC Information Management System, Longline Logbook Data.

**Report Coverage**

Time Period 1 January - 30 June, 2018  
 Set Types Deep sets  
 Fishing Area All Areas

Number of vessels active	140
Number of trips (partial or completed)	867
Number of sets	10,313
Number of hooks set	28,613,643

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	4,027	4,001	26	0.14
Striped marlin	8,698	8,557	141	0.30
Shortbill spearfish	9,100	8,931	169	0.32
Swordfish	4,086	4,019	67	0.14
Other billfishes	242	237	5	0.01
<b>Total</b>	<b>26,153</b>	<b>25,745</b>	<b>408</b>	<b>0.91</b>
<b>Shark PMUS</b>				
Blue shark	38,231	0	38,231	1.34
Mako sharks	2,559	332	2,227	0.09
Thresher sharks	2,844	10	2,834	0.10
Oceanic whitetip shark	163	0	163	0.01
Silky shark	167	0	167	0.01
Other Sharks	90	0	90	0.00
<b>Total</b>	<b>44,054</b>	<b>342</b>	<b>43,712</b>	<b>1.54</b>
<b>Tuna PMUS</b>				
Albacore	950	948	2	0.03
Bigeye tuna	104,988	103,079	1,909	3.67
Yellowfin tuna	38,394	37,741	653	1.34
Bluefin tuna	2	0	2	0.00
Skipjack tuna	9,904	9,651	253	0.35
Other tunas	0	0	0	0.00
<b>Total</b>	<b>154,238</b>	<b>151,419</b>	<b>2,819</b>	<b>5.39</b>
<b>Other PMUS</b>				
Mahimahi	21,658	21,308	350	0.76
Moonfish	14,449	14,362	87	0.50
Wahoo	17,940	17,832	108	0.63
Oilfish	8,669	7,262	1,407	0.30
Pomfret	31,142	30,958	184	1.09
<b>Total</b>	<b>93,858</b>	<b>91,722</b>	<b>2,136</b>	<b>3.28</b>
<b>Total PMUS</b>	<b>318,303</b>	<b>269,228</b>	<b>49,075</b>	<b>11.12</b>
<b>Total Non-PMUS</b>	<b>1,016</b>	<b>270</b>	<b>746</b>	<b>0.04</b>
<b>Total All Species</b>	<b>319,319</b>	<b>269,498</b>	<b>49,821</b>	<b>11.16</b>