

**The Hawaii - California Pelagic Longline Vessels
Quarterly Report
1 July–30 September 2023¹**

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The Hawaii - California pelagic longline logbook report for the third quarter of 2023 (1 July–30 September; PIFSC, 2024) contains summary data of fishing effort and catch statistics as reported from electronic or paper longline log sheets submitted by Hawaii- and California-based pelagic longline fishers. Catch and effort statistics are based on date of longline haul. Vessel and trip statistics that cross over two summary periods (i.e., years, semi-annual, or quarters) are counted in both summary periods. For example, a trip total encompasses “partial and complete” trips within a time period. These statistics are not additive since partial trips are counted in the time period when the trip began and again in the period when the trip ended (i.e., sum of four quarters or two semi-annual reports is not the total for the year).

Catch and effort summaries in this report were based on Regional Fishery Management Organization (RFMO) reporting standards and business rules. Longline catch and effort statistics in this report consist 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.

Tables 1-5 show fishery statistics for the stated time period, area, and shallow sets (<15 hooks between floats) or deep sets (≥15 hooks between floats). The longline effort includes number of vessels, trips, sets, and hooks set. Fish species were organized into pelagic management unit species (PMUS) groups of billfish, shark, tuna, and other PMUS. Each table includes the number of fish caught, kept, and released. The catch per unit effort (CPUE) is measured as the number of fish caught per 1000 hooks.

References:

Pacific Islands Fisheries Science Center. (2024). *Hawaii Longline Logbook*
<https://www.fisheries.noaa.gov/inport/item/2721>

Southwest Fisheries Science Center. (2024). *California Pelagic Longline Fishery*
<https://www.fisheries.noaa.gov/inport/item/12906>

¹Data reported by fishers in electronic and paper logs were queried for the third quarter of 2023 (1 July–30 September) from the Pacific Islands Fishery Science Center Information Management System oracle database from table LLDS_REPORT_STATS_PRELIM_HC.

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).

Report Coverage		Number of vessels active		
Time Period	1 July–30 September 2023	Number of trips (partial or completed)		145
Set Types	All sets	Number of sets		5,528
Fishing Area	All Areas	Number of hooks set		16,665,508

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	904	896	8	0.05
Striped marlin	566	562	4	0.03
Shortbill spearfish	2,693	2,651	42	0.16
Swordfish	881	861	20	0.05
Other billfishes	126	126	0	0.01
Total	5,170	5,096	74	0.31
Shark PMUS				
Blue shark	22,257	0	22,257	1.34
Mako sharks	390	9	381	0.02
Thresher sharks	703	0	703	0.04
Oceanic whitetip shark	87	0	87	0.01
Silky shark	33	0	33	0.00
Total	23,470	9	23,461	1.41
Tuna PMUS				
Albacore	14,703	12,300	2,403	0.88
Bigeye tuna	38,857	38,475	382	2.33
Yellowfin tuna	13,336	13,137	199	0.80
Bluefin tuna	3	3	0	0.00
Skipjack tuna	790	786	4	0.05
Other tunas	2	0	2	0.00
Total	67,691	64,701	2,990	4.06
Other PMUS				
Mahimahi	18,564	18,299	265	1.11
Moonfish	1,767	1,759	8	0.11
Wahoo	7,193	7,158	35	0.43
Oilfish	1,147	881	266	0.07
Pomfret	7,414	7,390	24	0.44
Total	36,085	35,487	598	2.17
Total PMUS	132,416	105,293	27,123	7.95
Non-PMUS Sharks	36	0	36	0.00
Total Non-PMUS	1,947	75	1,872	0.12
Total All Species	134,363	105,368	28,995	8.06

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).

Report Coverage

Time Period 1 July–30 September 2023
 Set Types All sets
 Fishing Area Inside U.S. EEZ

Number of vessels active	97
Number of trips (partial or completed)	162
Number of sets	696
Number of hooks set	2,043,566

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	104	104	0	0.05
Striped marlin	54	54	0	0.03
Shortbill spearfish	281	279	2	0.14
Swordfish	64	61	3	0.03
Other billfishes	6	6	0	0.00
Total	509	504	5	0.25
Shark PMUS				
Blue shark	2,807	0	2,807	1.37
Mako sharks	37	0	37	0.02
Thresher sharks	85	0	85	0.04
Oceanic whitetip shark	21	0	21	0.01
Silky shark	6	0	6	0.00
Total	2,956	0	2,956	1.45
Tuna PMUS				
Albacore	235	235	0	0.11
Bigeye tuna	2,132	2,099	33	1.04
Yellowfin tuna	2,224	2,198	26	1.09
Bluefin tuna	0	0	0	0.00
Skipjack tuna	168	166	2	0.08
Other tunas	0	0	0	0.00
Total	4,759	4,698	61	2.33
Other PMUS				
Mahimahi	586	577	9	0.29
Moonfish	65	65	0	0.03
Wahoo	1,145	1,139	6	0.56
Oilfish	144	127	17	0.07
Pomfret	866	865	1	0.42
Total	2,806	2,773	33	1.37
Total PMUS	11,030	7,975	3,055	5.40
Non-PMUS Sharks	3	0	3	0.00
Total Non-PMUS	396	23	373	0.19
Total All Species	11,426	7,998	3,428	5.59

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).

Report Coverage		Number of vessels active		
Time Period	1 July–30 September 2023	143		
Set Types	All sets	Number of trips (partial or completed) 436		
Fishing Area	Outside U.S. EEZ	Number of sets 4,832		
		Number of hooks set 14,621,942		

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	800	792	8	0.05
Striped marlin	512	508	4	0.04
Shortbill spearfish	2,412	2,372	40	0.16
Swordfish	817	800	17	0.06
Other billfishes	120	120	0	0.01
Total	4,661	4,592	69	0.32
Shark PMUS				
Blue shark	19,450	0	19,450	1.33
Mako sharks	353	9	344	0.02
Thresher sharks	618	0	618	0.04
Oceanic whitetip shark	66	0	66	0.00
Silky shark	27	0	27	0.00
Total	20,514	9	20,505	1.40
Tuna PMUS				
Albacore	14,468	12,065	2,403	0.99
Bigeye tuna	36,725	36,376	349	2.51
Yellowfin tuna	11,112	10,939	173	0.76
Bluefin tuna	3	3	0	0.00
Skipjack tuna	622	620	2	0.04
Other tunas	2	0	2	0.00
Total	62,932	60,003	2,929	4.30
Other PMUS				
Mahimahi	17,978	17,722	256	1.23
Moonfish	1,702	1,694	8	0.12
Wahoo	6,048	6,019	29	0.41
Oilfish	1,003	754	249	0.07
Pomfret	6,548	6,525	23	0.45
Total	33,279	32,714	565	2.28
Total PMUS	121,386	97,318	24,068	8.30
Non-PMUS Sharks	33	0	33	0.00
Total Non-PMUS	1,551	52	1,499	0.11
Total All Species	122,937	97,370	25,567	8.41

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).

Report Coverage				
Time Period	1 July–30 September 2023	Number of vessels active	145	
Set Types	Deep sets	Number of trips (partial or completed)	463	
Fishing Area	All Areas	Number of sets	5,514	
		Number of hooks set	16,649,438	

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	904	896	8	0.05
Striped marlin	557	553	4	0.03
Shortbill spearfish	2,691	2,649	42	0.16
Swordfish	802	786	16	0.05
Other billfishes	126	126	0	0.01
Total	5,080	5,010	70	0.31
Shark PMUS				
Blue shark	22,138	0	22,138	1.33
Mako sharks	380	9	371	0.02
Thresher sharks	702	0	702	0.04
Oceanic whitetip shark	86	0	86	0.01
Silky shark	33	0	33	0.00
Total	23,339	9	23,330	1.40
Tuna PMUS				
Albacore	14,703	12,300	2,403	0.88
Bigeye tuna	38,853	38,471	382	2.33
Yellowfin tuna	13,329	13,130	199	0.80
Bluefin tuna	3	3	0	0.00
Skipjack tuna	790	786	4	0.05
Other tunas	2	0	2	0.00
Total	67,680	64,690	2,990	4.07
Other PMUS				
Mahimahi	18,560	18,295	265	1.11
Moonfish	1,767	1,759	8	0.11
Wahoo	7,193	7,158	35	0.43
Oilfish	1,138	879	259	0.07
Pomfret	7,413	7,390	23	0.45
Total	36,071	35,481	590	2.17
Total PMUS	132,170	105,190	26,980	7.94
Non-PMUS Sharks	36	0	36	0.00
Total Non-PMUS	1,945	75	1,870	0.12
Total All Species	134,115	105,265	28,850	8.06

Table 5. Hawaii- and California-based pelagic longline vessels quarterly statistics for fishing within the Main Hawaiian Islands 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).

Report Coverage				
Time Period	1 July–30 September 2023	Number of vessels active	92	
Set Types	All Sets	Number of trips (partial or completed)	148	
Fishing Area	Main Hawaiian Islands EEZ	Number of sets	608	
		Number of hooks set	1,789,451	

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	96	96	0	0.05
Striped marlin	45	45	0	0.03
Shortbill spearfish	241	239	2	0.13
Swordfish	53	51	2	0.03
Other billfishes	6	6	0	0.00
Total	441	437	4	0.25
Shark PMUS				
Blue shark	2,486	0	2,486	1.39
Mako sharks	33	0	33	0.02
Thresher sharks	77	0	77	0.04
Oceanic whitetip shark	20	0	20	0.01
Silky shark	5	0	5	0.00
Total	2,621	0	2,621	1.46
Tuna PMUS				
Albacore	177	177	0	0.10
Bigeye tuna	1,751	1,718	33	0.98
Yellowfin tuna	1,791	1,771	20	1.00
Bluefin tuna	0	0	0	0.00
Skipjack tuna	165	163	2	0.09
Other tunas	0	0	0	0.00
Total	3,884	3,829	55	2.17
Other PMUS				
Mahimahi	512	504	8	0.29
Moonfish	58	58	0	0.03
Wahoo	1,053	1,047	6	0.59
Oilfish	126	114	12	0.07
Pomfret	798	798	0	0.45
Total	2,547	2,521	26	1.42
Total PMUS	9,493	6,787	2,706	5.30
Non-PMUS Sharks	2	0	2	0.00
Total Non-PMUS	321	23	298	0.18
Total All Species	9,814	6,810	3,004	5.48