

**The American Samoa Longline Limited-entry Fishery
Semi-annual Report
1 January-30 June 2023**

Fisheries Research and Monitoring Division (FRMD)
Pacific Islands Fisheries Science Center (PIFSC), NOAA Fisheries
NOAA Inouye Regional Center
1845 Wasp Boulevard, Building 176, Honolulu, HI 96818

This semi-annual report for the 1 January-30 June 2023 period contains summary data of fishing effort and catch statistics as reported on longline log sheets for the American Samoa longline limited-entry fishery. Data in this report originate from the PIFSC Information Management System (Oracle) table LLDS_REPORT_STATS_PRELIM_AS, representing preliminary data received as of 24 August 2023. 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.

References:

Pacific Islands Fisheries Science Center, 2023: American Samoa Longline Logbook, <https://www.fisheries.noaa.gov/inport/item/1775>

Table 1. American Samoa longline limited-entry fishery semi-annual 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 January-30 June, 2023
 Set Types All Sets
 Fishing Area All Areas

Number of vessels active	6
Number of trips (partial or completed)	13
Number of sets	437
Number of hooks set	1,361,990

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	246	231	15	0.18
Striped marlin	19	18	1	0.01
Shortbill spearfish	53	6	47	0.04
Swordfish	36	10	26	0.03
Other billfishes	21	10	11	0.02
Total	375	275	100	0.28
Shark PMUS				
Blue shark	297	0	297	0.22
Mako sharks	16	1	15	0.01
Thresher sharks	31	0	31	0.02
Oceanic whitetip shark	116	0	116	0.09
Silky shark	180	0	180	0.13
Total	640	1	639	0.47
Tuna PMUS				
Albacore	14,369	13,995	374	10.55
Bigeye tuna	546	521	25	0.40
Yellowfin tuna	3,898	3,611	287	2.86
Bluefin tuna	1	1	0	0.00
Skipjack tuna	1,831	1,736	95	1.34
Other tunas	0	0	0	0.00
Total	20,645	19,864	781	15.16
Other PMUS				
Mahimahi	46	45	1	0.03
Moonfish	10	2	8	0.01
Wahoo	305	296	9	0.22
Oilfish	304	4	300	0.22
Pomfret	159	9	150	0.12
Total	824	356	468	0.60
Total PMUS	22,484	20,496	1,988	16.51
Non-PMUS Sharks	1	0	1	0.00
Total Non-PMUS	1,684	62	1,622	1.24
Total All Species	24,168	20,558	3,610	17.74