

**The American Samoa Longline Limited-entry Fishery
Semi-annual Report
1 July-31 December 2021**

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 July-31 December 2021 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 RFMO data received as of 15 September 2022. 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, 2022: 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 July-31 December 2021
 Set Types All Sets
 Fishing Area All Areas

Number of vessels active	10
Number of trips (partial or completed)	26
Number of sets	816
Number of hooks set	2,370,987

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	320	313	7	0.13
Striped marlin	62	61	1	0.03
Shortbill spearfish	52	25	27	0.02
Swordfish	76	46	30	0.03
Other billfishes	14	14	0	0.01
Total	524	459	65	0.22
Shark PMUS				
Blue shark	882	0	882	0.37
Mako sharks	44	0	44	0.02
Thresher sharks	93	0	93	0.04
Oceanic whitetip shark	193	0	193	0.08
Silky shark	278	0	278	0.12
Total	1,490	0	1,490	0.63
Tuna PMUS				
Albacore	22,860	22,736	124	9.64
Bigeye tuna	707	703	4	0.30
Yellowfin tuna	1,262	1,224	38	0.53
Bluefin tuna	0	0	0	0.00
Skipjack tuna	2,397	2,371	26	1.01
Other tunas	0	0	0	0.00
Total	27,226	27,034	192	11.48
Other PMUS				
Mahimahi	21	21	0	0.01
Moonfish	20	15	5	0.01
Wahoo	766	763	3	0.32
Oilfish	688	29	659	0.29
Pomfret	325	14	311	0.14
Total	1,820	842	978	0.77
Total PMUS	31,060	28,335	2,725	13.10
Non-PMUS Sharks	0	0	0	0.00
Total Non-PMUS	260	107	153	0.11
Total All Species	31,320	28,442	2,878	13.21