

**The American Samoa Longline Limited-entry Fishery
Quarterly Report
1 October-31 December 2021**

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This quarterly report for the 1 October-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 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). Data Source: PIFSC Information Management System, Longline Logbook Data.

Report Coverage

Time Period 1 October-31 December 2021
 Set Types All Sets
 Fishing Area All Areas

Number of vessels active	9
Number of trips (partial or completed)	16
Number of sets	443
Number of hooks set	1,284,004

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	191	187	4	0.15
Striped marlin	38	38	0	0.03
Shortbill spearfish	12	11	1	0.01
Swordfish	54	29	25	0.04
Other billfishes	10	10	0	0.01
Total	305	275	30	0.24
Shark PMUS				
Blue shark	403	0	403	0.31
Mako sharks	18	0	18	0.01
Thresher sharks	33	0	33	0.03
Oceanic whitetip shark	97	0	97	0.08
Silky shark	180	0	180	0.14
Total	731	0	731	0.57
Tuna PMUS				
Albacore	14,254	14,203	51	11.10
Bigeye tuna	426	423	3	0.33
Yellowfin tuna	614	596	18	0.48
Bluefin tuna	0	0	0	0.00
Skipjack tuna	1,137	1,118	19	0.89
Other tunas	0	0	0	0.00
Total	16,431	16,340	91	12.80
Other PMUS				
Mahimahi	3	3	0	0.00
Moonfish	16	12	4	0.01
Wahoo	396	396	0	0.31
Oilfish	452	29	423	0.35
Pomfret	183	9	174	0.14
Total	1,050	449	601	0.82
Total PMUS	18,517	17,064	1,453	14.42
Non-PMUS Sharks	0	0	0	0.00
Total Non-PMUS	154	41	113	0.12
Total All Species	18,671	17,105	1,566	14.54