

**The American Samoa Longline Limited-entry Fishery
Quarterly Report
1 October-31 December 2022¹**

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Effort and catch statistics for the American Samoa longline limited-entry fishery reported by fishers on electronic and paper logs are summarized for the fourth quarter of 2022 (1 October-31 December; PIFSC 2023). Catch and effort data are summarized for all fishing sets across all fishing locations performed by the American Samoa longline fleet during the reporting period. Total fishing effort for the fleet is summarized by the number of active vessels, trips, sets, and hooks set. Catch is summarized by the number of fish caught, kept, and released for the species included as pelagic management unit species (PMUS) for the Pacific Island Region as defined by the Western Pacific Fishery Management Council. The catch per unit effort (CPUE) is also summarized for each PMUS based on the number of fish caught per 1000 hooks.

Catch and effort statistics are based on the date fishing gear is hauled and are summarized quarterly, semi-annually, and annually in separate reports. As a result, statistics (e.g., number of vessels or trips) may be included in more than one summary period type (e.g., annual, semi-annual, quarter), and fishing trip totals for a summary period type may be either for partial or entire trips (i.e., as some trips may occur across multiple time periods). As such, catch and effort statistics are not additive (e.g., sum of catch for four quarters is not equal to the total catch for the year).

References:

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

¹Data reported by fishers in electronic and paper logs were queried for the fourth quarter of 2022 (1 October-31 December) from the Pacific Islands Fishery Science Center Information Management System oracle database from table LLDS_REPORT_STATS_PRELIM_AS.

Table 1. Catch and effort data summarized for all fishing locations and sets performed by the American Samoa limited-entry fishery for the fourth quarter of 2022.

Report Coverage

Time Period 1 October-31 December 2022
 Set Types All Sets
 Fishing Area All Areas

Number of vessels active	6
Number of trips (partial or completed)	10
Number of sets	204
Number of hooks set	619,666

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	0.17
Striped marlin	13	13	0	0.02
Shortbill spearfish	2	2	0	0.00
Swordfish	16	14	2	0.03
Other billfishes	2	2	0	0.00
Total	137	135	2	0.22
Shark PMUS				
Blue shark	135	0	135	0.22
Mako sharks	0	0	0	0.00
Thresher sharks	20	0	20	0.03
Oceanic whitetip shark	20	0	20	0.03
Silky shark	51	0	51	0.08
Total	226	0	226	0.36
Tuna PMUS				
Albacore	8,122	8,122	0	13.11
Bigeye tuna	110	110	0	0.18
Yellowfin tuna	323	322	1	0.52
Bluefin tuna	0	0	0	0.00
Skipjack tuna	773	773	0	1.25
Other tunas	0	0	0	0.00
Total	9,328	9,327	1	15.05
Other PMUS				
Mahimahi	34	34	0	0.05
Moonfish	7	5	2	0.01
Wahoo	168	168	0	0.27
Oilfish	24	1	23	0.04
Pomfret	87	14	73	0.14
Total	320	222	98	0.52
Total PMUS	10,011	9,684	327	16.16
Non-PMUS Sharks	0	0	0	0.00
Total Non-PMUS	42	36	6	0.07
Total All Species	10,053	9,720	333	16.22