

**The American Samoa Longline Limited-entry Fishery
Quarterly Report
1 January-31 March 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 first quarter of 2022 (1 January-31 March; 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 first quarter of 2022 (1 January-31 March) 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 first quarter of 2022.

Report Coverage

Time Period 1 January-31 March 2022
 Set Types All Sets
 Fishing Area All Areas

Number of vessels active	10
Number of trips (partial or completed)	14
Number of sets	407
Number of hooks set	1,198,241

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	435	415	20	0.36
Striped marlin	33	33	0	0.03
Shortbill spearfish	9	7	2	0.01
Swordfish	22	11	11	0.02
Other billfishes	15	12	3	0.01
Total	514	478	36	0.43
Shark PMUS				
Blue shark	242	0	242	0.20
Mako sharks	26	0	26	0.02
Thresher sharks	23	0	23	0.02
Oceanic whitetip shark	31	0	31	0.03
Silky shark	96	0	96	0.08
Total	418	0	418	0.35
Tuna PMUS				
Albacore	14,973	14,928	45	12.50
Bigeye tuna	240	233	7	0.20
Yellowfin tuna	1,772	1,715	57	1.48
Bluefin tuna	0	0	0	0.00
Skipjack tuna	1,076	1,071	5	0.90
Other tunas	0	0	0	0.00
Total	18,061	17,947	114	15.07
Other PMUS				
Mahimahi	3	3	0	0.00
Moonfish	5	5	0	0.00
Wahoo	415	411	4	0.35
Oilfish	323	6	317	0.27
Pomfret	105	12	93	0.09
Total	851	437	414	0.71
Total PMUS	19,844	18,862	982	16.56
Non-PMUS Sharks	0	0	0	0.00
Total Non-PMUS	280	15	265	0.23
Total All Species	20,124	18,877	1,247	16.79