

**The American Samoa Longline Limited-entry Fishery
Quarterly Report
1 April–30 June 2023¹**

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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 second quarter of 2023 (1 April–30 June; PIFSC, 2024). 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, 2024: 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 second quarter of 2023 (1 April–30 June) 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 second quarter of 2023.

Report Coverage				
Time Period	1 April–30 June 2023	Number of vessels active		8
Set Types	All Sets	Number of trips (partial or completed)		12
Fishing Area	All Areas	Number of sets		310
		Number of hooks set		975,200
Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	169	153	16	0.17
Striped marlin	8	8	0	0.01
Shortbill spearfish	55	10	45	0.06
Swordfish	26	3	23	0.03
Other billfishes	17	11	6	0.02
Total	275	185	90	0.28
Shark PMUS				
Blue shark	337	0	337	0.35
Mako sharks	12	1	11	0.01
Thresher sharks	24	0	24	0.02
Oceanic whitetip shark	131	0	131	0.13
Silky shark	212	0	212	0.22
Total	716	1	715	0.73
Tuna PMUS				
Albacore	11,235	10,762	473	11.52
Bigeye tuna	471	443	28	0.48
Yellowfin tuna	4,039	3,666	373	4.14
Bluefin tuna	1	1	0	0.00
Skipjack tuna	1,812	1,708	104	1.86
Other tunas	0	0	0	0.00
Total	17,558	16,580	978	18.00
Other PMUS				
Mahimahi	38	36	2	0.04
Moonfish	6	1	5	0.01
Wahoo	210	198	12	0.22
Oilfish	385	2	383	0.39
Pomfret	126	6	120	0.13
Total	765	243	522	0.78
Total PMUS	19,314	17,009	2,305	19.81
Non-PMUS Sharks	1	0	1	0.00
Total Non-PMUS	1,372	35	1,337	1.41
Total All Species	20,686	17,044	3,642	21.21