

**The American Samoa Longline Limited-entry Fishery
Semi-annual Report
1 January-30 June 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 half of 2022 (1 January-30 June; 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 half of 2022 (1 January-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 first half of 2022.

Report Coverage				
Time Period	1 January-30 June, 2022	Number of vessels active	11	
Set Types	All Sets	Number of trips (partial or completed)	29	
Fishing Area	All Areas	Number of sets	742	
		Number of hooks set	2,187,023	

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	601	578	23	0.27
Striped marlin	37	37	0	0.02
Shortbill spearfish	35	33	2	0.02
Swordfish	45	19	26	0.02
Other billfishes	16	13	3	0.01
Total	734	680	54	0.34
Shark PMUS				
Blue shark	479	0	479	0.22
Mako sharks	35	0	35	0.02
Thresher sharks	51	0	51	0.02
Oceanic whitetip shark	37	0	37	0.02
Silky shark	148	0	148	0.07
Total	750	0	750	0.34
Tuna PMUS				
Albacore	31,883	31,805	78	14.58
Bigeye tuna	492	485	7	0.22
Yellowfin tuna	4,011	3,944	67	1.83
Bluefin tuna	0	0	0	0.00
Skipjack tuna	2,737	2,728	9	1.25
Other tunas	0	0	0	0.00
Total	39,123	38,962	161	17.89
Other PMUS				
Mahimahi	72	72	0	0.03
Moonfish	10	10	0	0.00
Wahoo	609	605	4	0.28
Oilfish	389	15	374	0.18
Pomfret	183	21	162	0.08
Total	1,263	723	540	0.58
Total PMUS	41,870	40,365	1,505	19.14
Non-PMUS Sharks	0	0	0	0.00
Total Non-PMUS	296	30	266	0.14
Total All Species	42,166	40,395	1,771	19.28