

**The American Samoa Longline Limited-entry Fishery
Quarterly Report
1 April-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 second quarter of 2022 (1 April-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 second quarter of 2022 (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 2022.

Report Coverage					Number of vessels active Number of trips (partial or completed) Number of sets Number of hooks set	
Time Period	1 April-30 June 2022				9	
Set Types	All Sets				18	
Fishing Area	All Areas				335	
					988,782	

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	166	163	3	0.17
Striped marlin	4	4	0	0.00
Shortbill spearfish	26	26	0	0.03
Swordfish	23	8	15	0.02
Other billfishes	1	1	0	0.00
Total	220	202	18	0.22
Shark PMUS				
Blue shark	237	0	237	0.24
Mako sharks	9	0	9	0.01
Thresher sharks	28	0	28	0.03
Oceanic whitetip shark	6	0	6	0.01
Silky shark	52	0	52	0.05
Total	332	0	332	0.34
Tuna PMUS				
Albacore	16,910	16,877	33	17.10
Bigeye tuna	252	252	0	0.25
Yellowfin tuna	2,239	2,229	10	2.26
Bluefin tuna	0	0	0	0.00
Skipjack tuna	1,661	1,657	4	1.68
Other tunas	0	0	0	0.00
Total	21,062	21,015	47	21.30
Other PMUS				
Mahimahi	69	69	0	0.07
Moonfish	5	5	0	0.01
Wahoo	194	194	0	0.20
Oilfish	66	9	57	0.07
Pomfret	78	9	69	0.08
Total	412	286	126	0.42
Total PMUS	22,026	21,503	523	22.28
Non-PMUS Sharks	0	0	0	0.00
Total Non-PMUS	16	15	1	0.02
Total All Species	22,042	21,518	524	22.29