

**The American Samoa Longline Limited-entry Fishery
Quarterly Report
1 July-30 September 2022¹**

Fisheries Research and Monitoring Division (FRMD)
Pacific Islands Fisheries Science Center (PIFSC), NOAA Fisheries
NOAA Inouye Regional Center
1845 Wasp Boulevard, Building 176, Honolulu, HI 96818

Effort and catch statistics for the American Samoa longline limited-entry fishery reported by fishers on electronic and paper logs are summarized for the third quarter of 2022 (1 July-30 September; 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 third quarter of 2022 (1 July-30 September) 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 third quarter of 2022.

Report Coverage

Time Period 1 July-30 September 2022
 Set Types All Sets
 Fishing Area All Areas

Number of vessels active	8
Number of trips (partial or completed)	13
Number of sets	298
Number of hooks set	885,865

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	127	121	6	0.14
Striped marlin	9	8	1	0.01
Shortbill spearfish	28	17	11	0.03
Swordfish	26	18	8	0.03
Other billfishes	6	5	1	0.01
Total	196	169	27	0.22
Shark PMUS				
Blue shark	186	0	186	0.21
Mako sharks	15	0	15	0.02
Thresher sharks	10	0	10	0.01
Oceanic whitetip shark	17	0	17	0.02
Silky shark	110	0	110	0.12
Total	338	0	338	0.38
Tuna PMUS				
Albacore	13,901	13,796	105	15.69
Bigeye tuna	371	320	51	0.42
Yellowfin tuna	1,495	1,365	130	1.69
Bluefin tuna	0	0	0	0.00
Skipjack tuna	1,589	1,570	19	1.79
Other tunas	0	0	0	0.00
Total	17,356	17,051	305	19.59
Other PMUS				
Mahimahi	485	473	12	0.55
Moonfish	4	4	0	0.00
Wahoo	251	242	9	0.28
Oilfish	41	0	41	0.05
Pomfret	92	14	78	0.10
Total	873	733	140	0.99
Total PMUS	18,763	17,953	810	21.18
Non-PMUS Sharks	2	0	2	0.00
Total Non-PMUS	14	12	2	0.02
Total All Species	18,777	17,965	812	21.20