

**The American Samoa Longline Limited-entry Fishery
Quarterly Report
1 January-31 March 2021**

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This quarterly report for the 1 January-31 March 2021 period contains summary data of fishing effort and catch statistics as reported on longline log sheets for the American Samoa longline limited-entry fishery. Data in this report originate from the PIFSC Information Management System (Oracle) table LLDS_REPORT_STATS_PRELIM_AS, representing RFMO data received as of 15 September 2022. Catch and effort statistics are based on date of longline haul. When a statistic (number of vessels, trips) involves dates of haul in two summary periods (i.e., years, semi-annual, quarters), the item is counted in both summary periods. Thus, a trip total is for “partial and completed” trips. As such, these statistics are not additive (i.e., sum of four quarters is not the total for the year).

The following tables show fishery statistics for the stated time period, area, and set type, and include effort (number of vessels, trips, sets, and hooks set). For each listed species, organized by pelagic management unit species (PMUS) groups of billfish, shark, tuna, and other, the table includes the number of fish caught, kept, and released, and the catch per unit effort (CPUE), measured as the number of fish caught per 1000 hooks.

References:

Pacific Islands Fisheries Science Center, 2022: American Samoa Longline Logbook, <https://www.fisheries.noaa.gov/inport/item/1775>

Table 1. American Samoa longline limited-entry fishery quarterly statistics for all fishing areas and all fishing categories (set types), including effort (number of vessels, trips, sets, and hooks set). For each listed species, organized by pelagic management unit species (PMUS) groups of billfish, shark, tuna, and other, the table includes the number of fish caught, kept, and released, and the catch per unit effort (CPUE, number per 1000 hooks, calculated as the sum of fish caught divided by the sum of hooks set). Data Source: PIFSC Information Management System, Longline Logbook Data.

Report Coverage

Time Period 1 January-31 March 2021
 Set Types All Sets
 Fishing Area All Areas

Number of vessels active	6
Number of trips (partial or completed)	10
Number of sets	276
Number of hooks set	830,979

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	166	159	7	0.20
Striped marlin	22	22	0	0.03
Shortbill spearfish	11	1	10	0.01
Swordfish	10	6	4	0.01
Other billfishes	5	2	3	0.01
Total	214	190	24	0.26
Shark PMUS				
Blue shark	215	0	215	0.26
Mako sharks	16	0	16	0.02
Thresher sharks	12	0	12	0.01
Oceanic whitetip shark	139	0	139	0.17
Silky shark	145	0	145	0.17
Total	527	0	527	0.63
Tuna PMUS				
Albacore	7,493	7,404	89	9.02
Bigeye tuna	177	176	1	0.21
Yellowfin tuna	2,579	2,518	61	3.10
Bluefin tuna	0	0	0	0.00
Skipjack tuna	1,182	1,151	31	1.42
Other tunas	0	0	0	0.00
Total	11,431	11,249	182	13.76
Other PMUS				
Mahimahi	26	26	0	0.03
Moonfish	9	8	1	0.01
Wahoo	395	389	6	0.48
Oilfish	184	0	184	0.22
Pomfret	56	0	56	0.07
Total	670	423	247	0.81
Total PMUS	12,842	11,862	980	15.45
Non-PMUS Sharks	0	0	0	0.00
Total Non-PMUS	134	5	129	0.16
Total All Species	12,976	11,867	1,109	15.62