

**The American Samoa Longline Limited-entry Fishery
Semi-annual Report
1 January-30 June 2019¹**

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This semi-annual report for the period 1 January-30 June 2019 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_RFMO_AS, representing RFMO data received as of 15 September 2020. 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 1,000 hooks.

References:

Pacific Islands Fisheries Science Center, 2020: American Samoa Longline Logbook, <https://www.fisheries.noaa.gov/inport/item/1775>

¹PIFSC Data Report DR-20-017. Issued 10 Nov 2020
<https://doi.org/10.25923/xqm8-xc23>

Table 1. American Samoa longline limited-entry fishery semi-annual 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 1,000 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-30 June 2019
 Set Types All Sets
 Fishing Area All Areas

Number of vessels active	16
Number of trips (partial or completed)	114
Number of sets	948
Number of hooks set	2,489,206

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	384	318	66	0.15
Striped marlin	22	21	1	0.01
Shortbill spearfish	132	65	67	0.05
Swordfish	58	20	38	0.02
Other billfishes	42	33	9	0.02
Total	638	457	181	0.26
Shark PMUS				
Blue shark	921	0	921	0.37
Mako sharks	52	1	51	0.02
Thresher sharks	100	0	100	0.04
Oceanic whitetip shark	232	0	232	0.09
Silky shark	316	0	316	0.13
Total	1,621	1	1,620	0.65
Tuna PMUS				
Albacore	31,834	31,575	259	12.79
Bigeye tuna	661	628	33	0.27
Yellowfin tuna	5,487	5,260	227	2.20
Bluefin tuna	0	0	0	0.00
Skipjack tuna	3,494	3,439	55	1.40
Other tunas	0	0	0	0.00
Total	41,476	40,902	574	16.66
Other PMUS				
Mahimahi	112	110	2	0.04
Moonfish	15	8	7	0.01
Wahoo	1,024	1,012	12	0.41
Oilfish	481	0	481	0.19
Pomfret	179	21	158	0.07
Total	1,811	1,151	660	0.73
Total PMUS	45,546	42,511	3,035	18.30
Non-PMUS Sharks	29	0	29	0.01
Total Non-PMUS	76	21	55	0.03
Total All Species	45,622	42,532	3,090	18.33