

**The American Samoa Longline Limited-entry Fishery
Semi-annual Report
1 July-31 December 2019¹**

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This semi-annual report for the period 1 July-31 December 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-20-018. Issued 10 Nov 2020
<https://doi.org/10.25923/phhg-0h42>

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 July-31 December 2019
Set Types All Sets
Fishing Area All Areas

Number of vessels active	16
Number of trips (partial or completed)	95
Number of sets	928
Number of hooks set	2,604,586

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	201	193	8	0.08
Striped marlin	37	34	3	0.01
Shortbill spearfish	86	29	57	0.03
Swordfish	137	61	76	0.05
Other billfishes	46	27	19	0.02
Total	507	344	163	0.19
Shark PMUS				
Blue shark	721	0	721	0.28
Mako sharks	102	0	102	0.04
Thresher sharks	87	7	80	0.03
Oceanic whitetip shark	276	0	276	0.11
Silky shark	400	0	400	0.15
Total	1,586	7	1,579	0.61
Tuna PMUS				
Albacore	25,736	25,518	218	9.88
Bigeye tuna	1,178	1,157	21	0.45
Yellowfin tuna	3,956	3,890	66	1.52
Bluefin tuna	2	2	0	0.00
Skipjack tuna	7,763	7,680	83	2.98
Other tunas	0	0	0	0.00
Total	38,635	38,247	388	14.83
Other PMUS				
Mahimahi	81	81	0	0.03
Moonfish	30	16	14	0.01
Wahoo	1,013	995	18	0.39
Oilfish	637	1	636	0.24
Pomfret	263	42	221	0.10
Total	2,024	1,135	889	0.78
Total PMUS	42,752	39,733	3,019	16.41
Non-PMUS Sharks	4	0	4	0.00
Total Non-PMUS	84	51	33	0.03
Total All Species	42,836	39,784	3,052	16.45