

**The American Samoa Longline Limited-entry Fishery
Quarterly Report
1 January-31 March 2019¹**

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This quarterly report for the period 1 January-31 March 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-20-013. Issued 10 Nov 2020
<https://doi.org/10.25923/pz87-zk11>

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 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-31 March 2019
 Set Types All Sets
 Fishing Area All Areas

Number of vessels active	13
Number of trips (partial or completed)	61
Number of sets	433
Number of hooks set	1,148,368

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	157	150	7	0.14
Striped marlin	10	10	0	0.01
Shortbill spearfish	11	6	5	0.01
Swordfish	22	10	12	0.02
Other billfishes	16	14	2	0.01
Total	216	190	26	0.19
Shark PMUS				
Blue shark	402	0	402	0.35
Mako sharks	23	1	22	0.02
Thresher sharks	46	0	46	0.04
Oceanic whitetip shark	71	0	71	0.06
Silky shark	84	0	84	0.07
Total	626	1	625	0.55
Tuna PMUS				
Albacore	11,069	10,940	129	9.64
Bigeye tuna	194	194	0	0.17
Yellowfin tuna	2,359	2,250	109	2.05
Bluefin tuna	0	0	0	0.00
Skipjack tuna	1,959	1,927	32	1.71
Other tunas	0	0	0	0.00
Total	15,581	15,311	270	13.57
Other PMUS				
Mahimahi	75	75	0	0.07
Moonfish	7	5	2	0.01
Wahoo	462	459	3	0.40
Oilfish	240	0	240	0.21
Pomfret	63	5	58	0.05
Total	847	544	303	0.74
Total PMUS	17,270	16,046	1,224	15.04
Non-PMUS Sharks	5	0	5	0.00
Total Non-PMUS	20	5	15	0.02
Total All Species	17,290	16,051	1,239	15.06