

**The American Samoa Longline Limited-entry Fishery
Quarterly Report
1 October-31 December 2019¹**

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This quarterly report for the period 1 October-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-20-016. Issued 10 Nov 2020
<https://doi.org/10.25923/kgw5-wk15>

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

Number of vessels active	14
Number of trips (partial or completed)	47
Number of sets	426
Number of hooks set	1,253,916

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	91	87	4	0.07
Striped marlin	21	20	1	0.02
Shortbill spearfish	40	18	22	0.03
Swordfish	111	36	75	0.09
Other billfishes	18	15	3	0.01
Total	281	176	105	0.22
Shark PMUS				
Blue shark	270	0	270	0.22
Mako sharks	33	0	33	0.03
Thresher sharks	20	0	20	0.02
Oceanic whitetip shark	111	0	111	0.09
Silky shark	170	0	170	0.14
Total	604	0	604	0.48
Tuna PMUS				
Albacore	10,004	9,936	68	7.98
Bigeye tuna	754	740	14	0.60
Yellowfin tuna	1,264	1,233	31	1.01
Bluefin tuna	0	0	0	0.00
Skipjack tuna	2,713	2,670	43	2.16
Other tunas	0	0	0	0.00
Total	14,735	14,579	156	11.75
Other PMUS				
Mahimahi	45	45	0	0.04
Moonfish	22	10	12	0.02
Wahoo	504	497	7	0.40
Oilfish	359	1	358	0.29
Pomfret	123	17	106	0.10
Total	1,053	570	483	0.84
Total PMUS	16,673	15,325	1,348	13.30
Non-PMUS Sharks	2	0	2	0.00
Total Non-PMUS	49	22	27	0.04
Total All Species	16,722	15,347	1,375	13.34