

**The American Samoa Longline Limited-entry Fishery
Quarterly Report
1 January - 31 March, 2018¹**

Fisheries Research and Monitoring Division (FRMD)
Pacific Islands Fisheries Science Center (PIFSC), NOAA Fisheries
NOAA Inouye Regional Center
1845 Wasp Boulevard, Building 176, Honolulu, HI 96818

This quarterly report for the period 1 January - 31 March, 2018, contains summary data summaries 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 preliminary data received as of 07 September 2019. 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, etc.).

The following tables show fishery statistics for the stated time period, area, and set type, and includes effort (number of vessels, trips, sets, and hooks set), and 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.

¹PIFSC Data Report DR-19-048. Issued 12 Dec 2019
<https://doi.org/10.25923/1vfk-2941>

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), and for each listed species, organized by pelagic management unit species (PMUS) groups of billfish, shark, tuna, and other, along with 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		Number of vessels active			11
Time Period	1 January - 31 March, 2018	Number of trips (partial or completed)			18
Set Types	All Sets	Number of sets			394
Fishing Area	All Areas	Number of hooks set			1,118,212
Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks	
PMUS					
Billfish PMUS					
Blue marlin	216	214	2	0.19	
Striped marlin	8	8	0	0.01	
Shortbill spearfish	4	1	3	0.00	
Swordfish	29	24	5	0.03	
Other billfishes	8	4	4	0.01	
Total	265	251	14	0.24	
Shark PMUS					
Blue shark	459	83	376	0.41	
Mako sharks	7	1	6	0.01	
Thresher sharks	67	6	61	0.06	
Oceanic whitetip shark	62	0	62	0.06	
Silky shark	81	11	70	0.07	
Total	676	101	575	0.60	
Tuna PMUS					
Albacore	12,588	12,510	78	11.26	
Bigeye tuna	440	424	16	0.39	
Yellowfin tuna	2,561	2,525	36	2.29	
Bluefin tuna	1	1	0	0.00	
Skipjack tuna	926	916	10	0.83	
Other tunas	0	0	0	0.00	
Total	16,516	16,376	140	14.77	
Other PMUS					
Mahimahi	49	49	0	0.04	
Moonfish	30	26	4	0.03	
Wahoo	639	628	11	0.57	
Oilfish	196	5	191	0.18	
Pomfret	45	8	37	0.04	
Total	959	716	243	0.86	
Total PMUS	18,416	17,444	972	16.47	
Non-PMUS Sharks	2	0	2	0.00	
Total Non-PMUS	5	3	2	0.00	
Total All Species	18,421	17,447	974	16.47	