

The American Samoa Longline Limited-entry Fishery Quarterly Report for 1 October - 31 December, 2017¹

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This quarterly report for the period 1 October - 31 December, 2017, contains summary data of fishing effort and catch statistics as reported on longline log sheets for the American Samoa longline limited-entry fishery. Data are from the PIFSC Information Management System (Oracle) table LLDS_REPORT_STATS_RFMO_AS, representing data received as of 15 March 2018. 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 table shows fishery statistics for the stated area, time period, and fishing category (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, number per 1,000 hooks, calculated as the sum of fish caught divided by the sum of hooks set).

¹PIFSC Data Report DR-19-005. Issued 28 January 2019.

Table 1. For the period 1 October - 31 December, 2017, 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 October - 31 December, 2017	Number of trips (partial or completed)		20
Set Types	All Sets	Number of sets		561
Fishing Area	All Areas	Number of hooks set		1,647,872

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 hooks
PMUS				
Billfish PMUS				
Blue marlin	183	180	3	0.11
Striped marlin	19	18	1	0.01
Shortbill spearfish	18	2	16	0.01
Swordfish	51	50	1	0.03
Other billfishes	15	6	9	0.01
Total	286	256	30	0.17
Shark PMUS				
Blue shark	608	0	608	0.37
Mako sharks	73	0	73	0.04
Thresher sharks	111	0	111	0.07
Oceanic whitetip shark	178	0	178	0.11
Silky shark	140	0	140	0.08
Other Sharks	7	1	6	0.00
Total	1,117	1	1,116	0.68
Tuna PMUS				
Albacore	17,102	17,044	58	10.38
Bigeye tuna	625	620	5	0.38
Yellowfin tuna	4,960	4,907	53	3.01
Bluefin tuna	4	4	0	0.00
Skipjack tuna	2,112	2,104	8	1.28
Other tunas	0	0	0	0.00
Total	24,803	24,679	124	15.05
Other PMUS				
Mahimahi	200	193	7	0.12
Moonfish	28	22	6	0.02
Wahoo	1,408	1,397	11	0.85
Oilfish	806	0	806	0.49
Pomfret	126	22	104	0.08
Total	2,568	1,634	934	1.56
Total PMUS	28,774	26,570	2,204	17.46
Total Non-PMUS	152	22	130	0.09
Total All Species	28,926	26,592	2,334	17.55