

**The American Samoa Longline Limited-entry Fishery  
Semi-annual Report  
1 July-31 December 2022<sup>1</sup>**

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Effort and catch statistics for the American Samoa longline limited-entry fishery reported by fishers on electronic and paper logs are summarized for the second half of 2022 (1 July-31 December; PIFSC 2023). Catch and effort data are summarized for all fishing sets across all fishing locations performed by the American Samoa longline fleet during the reporting period. Total fishing effort for the fleet is summarized by the number of active vessels, trips, sets, and hooks set. Catch is summarized by the number of fish caught, kept, and released for the species included as pelagic management unit species (PMUS) for the Pacific Island Region as defined by the Western Pacific Fishery Management Council. The catch per unit effort (CPUE) is also summarized for each PMUS based on the number of fish caught per 1000 hooks.

Catch and effort statistics are based on the date fishing gear is hauled and are summarized quarterly, semi-annually, and annually in separate reports. As a result, statistics (e.g., number of vessels or trips) may be included in more than one summary period type (e.g., annual, semi-annual, quarter), and fishing trip totals for a summary period type may be either for partial or entire trips (i.e., as some trips may occur across multiple time periods). As such, catch and effort statistics are not additive (e.g., sum of catch for four quarters is not equal to the total catch for the year).

**References:**

Pacific Islands Fisheries Science Center, 2023: American Samoa Longline Logbook, <https://www.fisheries.noaa.gov/inport/item/1775>

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<sup>1</sup>Data reported by fishers in electronic and paper logs were queried for the second half of 2022 (1 July-31 December) from the Pacific Islands Fishery Science Center Information Management System oracle database from table LLDS\_REPORT\_STATS\_PRELIM\_AS.

**Table 1.** Catch and effort data summarized for all fishing locations and sets performed by the American Samoa limited-entry fishery for the second half of 2022.

Report Coverage				
Time Period	1 July-31 December 2022	Number of vessels active	8	
Set Types	All Sets	Number of trips (partial or completed)	19	
Fishing Area	All Areas	Number of sets	502	
		Number of hooks set	1,505,531	

  

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
<b>PMUS</b>				
<b>Billfish PMUS</b>				
Blue marlin	231	225	6	0.15
Striped marlin	22	21	1	0.01
Shortbill spearfish	30	19	11	0.02
Swordfish	42	32	10	0.03
Other billfishes	8	7	1	0.01
<b>Total</b>	<b>333</b>	<b>304</b>	<b>29</b>	<b>0.22</b>
<b>Shark PMUS</b>				
Blue shark	321	0	321	0.21
Mako sharks	15	0	15	0.01
Thresher sharks	30	0	30	0.02
Oceanic whitetip shark	37	0	37	0.02
Silky shark	161	0	161	0.11
<b>Total</b>	<b>564</b>	<b>0</b>	<b>564</b>	<b>0.37</b>
<b>Tuna PMUS</b>				
Albacore	22,023	21,918	105	14.63
Bigeye tuna	481	430	51	0.32
Yellowfin tuna	1,818	1,687	131	1.21
Bluefin tuna	0	0	0	0.00
Skipjack tuna	2,362	2,343	19	1.57
Other tunas	0	0	0	0.00
<b>Total</b>	<b>26,684</b>	<b>26,378</b>	<b>306</b>	<b>17.72</b>
<b>Other PMUS</b>				
Mahimahi	519	507	12	0.34
Moonfish	11	9	2	0.01
Wahoo	419	410	9	0.28
Oilfish	65	1	64	0.04
Pomfret	179	28	151	0.12
<b>Total</b>	<b>1,193</b>	<b>955</b>	<b>238</b>	<b>0.79</b>
<b>Total PMUS</b>	<b>28,774</b>	<b>27,637</b>	<b>1,137</b>	<b>19.11</b>
Non-PMUS Sharks	2	0	2	0.00
<b>Total Non-PMUS</b>	<b>56</b>	<b>48</b>	<b>8</b>	<b>0.04</b>
<b>Total All Species</b>	<b>28,830</b>	<b>27,685</b>	<b>1,145</b>	<b>19.15</b>