

PIFSC Report on the American Samoa Limited-access Longline Fishery from 1 January to 30 June 2017¹

Fisheries Research and Monitoring Division, National Marine Fisheries Service, Pacific Islands Fisheries Science Center, NOAA Inouye Regional Center, 1845 Wasp Boulevard, Building 176, Honolulu, HI 96818

The following tables represent effort, retained catch (kept), and discards as reported on longline logsheets for the American Samoa limited-access longline fishery. Effort and catch-effort statistics are based on date of longline haul. Effort and catch statistics are based on logbook data submitted to the PIFSC FRMD and represent an Oracle table LLDS_REPORT_STATS_AS database extraction done on 23 September 2017. When a statistic (number of vessels, trips) can involve dates of haul in 2 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 are not additive statistics (i.e. sum of 4 quarters is not the total for the year, etc.).

A Large Vessel Prohibited Area (LVPA) was in effect from 1 March 2002 to 29 January 2016. Effort and catch statistics for 2017 are provided for the vessels fishing in what previously were LVPAs but were reopened in 2016.

Note: Tables represent preliminary catch and effort estimates for 2017 and does not represent the total effort from 1 January to 30 June.

¹PIFSC Data Report DR-17-032.
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Table 1. Six-month summary report of fishing effort and catch statistics for U.S. longline vessels based in American Samoa as derived from NMFS Western Pacific Daily Longline Fishing Log records. Catch and effort statistics are based on date of longline haul. Data Source: PIFSC Information Management System, Longline Logbook Data.

Report Coverage

Time Period 1 January - 30 June, 2017
Set Types All Sets
Fishing Area All Areas

| | |
|--|-----------|
| Number of vessels active | 15 |
| Number of trips (partial or completed) | 100 |
| Number of sets | 926 |
| Number of hooks set | 2,657,909 |

| Pelagic Management Unit Species (PMUS) | Number Caught | Number Kept | Number Released | CPUE Number Caught per 1000 Hooks |
|---|------------------|----------------|--------------------|---|
| PMUS | | | | |
| Billfish PMUS | | | | |
| Blue marlin | 365 | 330 | 35 | 0.14 |
| Striped marlin | 35 | 24 | 11 | 0.01 |
| Shortbill spearfish | 116 | 52 | 64 | 0.04 |
| Swordfish | 72 | 34 | 38 | 0.03 |
| Other billfishes | 32 | 21 | 11 | 0.01 |
| Total | 620 | 461 | 159 | 0.23 |
| Shark PMUS | | | | |
| Blue shark | 1,087 | 0 | 1,087 | 0.41 |
| Mako sharks | 35 | 0 | 35 | 0.01 |
| Thresher sharks | 137 | 0 | 137 | 0.05 |
| Oceanic whitetip shark | 221 | 0 | 221 | 0.08 |
| Silky shark | 154 | 0 | 154 | 0.06 |
| Other Sharks | 24 | 0 | 24 | 0.01 |
| Total | 1,658 | 0 | 1,658 | 0.62 |
| Tuna PMUS | | | | |
| Albacore | 31,033 | 30,726 | 307 | 11.68 |
| Bigeye tuna | 1,037 | 1,037 | 0 | 0.39 |
| Yellowfin tuna | 13,977 | 13,850 | 127 | 5.26 |
| Bluefin tuna | 0 | 0 | 0 | 0.00 |
| Skipjack tuna | 4,058 | 4,030 | 28 | 1.53 |
| Other tunas | 0 | 0 | 0 | 0.00 |
| Total | 50,105 | 49,643 | 462 | 18.85 |
| Other PMUS | | | | |
| Mahimahi | 270 | 267 | 3 | 0.10 |
| Moonfish | 52 | 27 | 25 | 0.02 |
| Wahoo | 1,662 | 1,651 | 11 | 0.63 |
| Oilfish | 601 | 27 | 574 | 0.23 |
| Pomfret | 269 | 42 | 227 | 0.10 |
| Total | 2,854 | 2,014 | 840 | 1.07 |
| Total PMUS | 55,237 | 52,118 | 3,119 | 20.78 |
| Total Non-PMUS | 396 | 32 | 364 | 0.15 |
| Total All Species | 55,633 | 52,150 | 3,483 | 20.93 |

Table 2. Six-month summary report of fishing effort and catch statistics for U.S. longline vessels based in American Samoa as derived from NMFS Western Pacific Daily Longline Fishing Log records. Catch and effort statistics are based on date of longline haul. Data Source: PIFSC Information Management System, Longline Logbook Data.

Report Coverage

Time Period 1 January - 30 June, 2017
Set Types All Sets
Fishing Area American Samoa EEZ

| | |
|--|-----------|
| Number of vessels active | 15 |
| Number of trips (partial or completed) | 100 |
| Number of sets | 861 |
| Number of hooks set | 2,444,735 |

| Pelagic Management Unit Species (PMUS) | Number Caught | Number Kept | Number Released | CPUE Number Caught per 1000 Hooks |
|---|------------------|----------------|--------------------|---|
| PMUS | | | | |
| Billfish PMUS | | | | |
| Blue marlin | 336 | 302 | 34 | 0.14 |
| Striped marlin | 35 | 24 | 11 | 0.01 |
| Shortbill spearfish | 112 | 49 | 63 | 0.05 |
| Swordfish | 68 | 32 | 36 | 0.03 |
| Other billfishes | 31 | 20 | 11 | 0.01 |
| Total | 582 | 427 | 155 | 0.24 |
| Shark PMUS | | | | |
| Blue shark | 952 | 0 | 952 | 0.39 |
| Mako sharks | 31 | 0 | 31 | 0.01 |
| Thresher sharks | 123 | 0 | 123 | 0.05 |
| Oceanic whitetip shark | 219 | 0 | 219 | 0.09 |
| Silky shark | 152 | 0 | 152 | 0.06 |
| Other Sharks | 15 | 0 | 15 | 0.01 |
| Total | 1,492 | 0 | 1,492 | 0.61 |
| Tuna PMUS | | | | |
| Albacore | 29,747 | 29,440 | 307 | 12.17 |
| Bigeye tuna | 947 | 947 | 0 | 0.39 |
| Yellowfin tuna | 13,271 | 13,144 | 127 | 5.43 |
| Bluefin tuna | 0 | 0 | 0 | 0.00 |
| Skipjack tuna | 3,924 | 3,896 | 28 | 1.61 |
| Other tunas | 0 | 0 | 0 | 0.00 |
| Total | 47,889 | 47,427 | 462 | 19.59 |
| Other PMUS | | | | |
| Mahimahi | 250 | 247 | 3 | 0.10 |
| Moonfish | 47 | 26 | 21 | 0.02 |
| Wahoo | 1,545 | 1,534 | 11 | 0.63 |
| Oilfish | 573 | 27 | 546 | 0.23 |
| Pomfret | 265 | 40 | 225 | 0.11 |
| Total | 2,680 | 1,874 | 806 | 1.10 |
| Total PMUS | 52,643 | 49,728 | 2,915 | 21.53 |
| Total Non-PMUS | 393 | 30 | 363 | 0.16 |
| Total All Species | 53,036 | 49,758 | 3,278 | 21.69 |

Table 3. Six-month summary report of fishing effort and catch statistics for U.S. longline vessels based in American Samoa as derived from NMFS Western Pacific Daily Longline Fishing Log records. Catch and effort statistics are based on date of longline haul. Data Source: PIFSC Information Management System, Longline Logbook Data.

Report Coverage

Time Period 1 January - 30 June, 2017
Set Types All Sets
Fishing Area Outside American Samoa EEZ

| | |
|--|---------|
| Number of vessels active | 6 |
| Number of trips (partial or completed) | 6 |
| Number of sets | 65 |
| Number of hooks set | 213,174 |

| Pelagic Management Unit Species (PMUS) | Number Caught | Number Kept | Number Released | CPUE Number Caught per 1000 Hooks |
|---|------------------|----------------|--------------------|---|
| PMUS | | | | |
| Billfish PMUS | | | | |
| Blue marlin | 29 | 28 | 1 | 0.14 |
| Striped marlin | 0 | 0 | 0 | 0.00 |
| Shortbill spearfish | 4 | 3 | 1 | 0.02 |
| Swordfish | 4 | 2 | 2 | 0.02 |
| Other billfishes | 1 | 1 | 0 | 0.00 |
| Total | 38 | 34 | 4 | 0.18 |
| Shark PMUS | | | | |
| Blue shark | 135 | 0 | 135 | 0.63 |
| Mako sharks | 4 | 0 | 4 | 0.02 |
| Thresher sharks | 14 | 0 | 14 | 0.07 |
| Oceanic whitetip shark | 2 | 0 | 2 | 0.01 |
| Silky shark | 2 | 0 | 2 | 0.01 |
| Other Sharks | 9 | 0 | 9 | 0.04 |
| Total | 166 | 0 | 166 | 0.78 |
| Tuna PMUS | | | | |
| Albacore | 1,286 | 1,286 | 0 | 6.03 |
| Bigeye tuna | 90 | 90 | 0 | 0.42 |
| Yellowfin tuna | 706 | 706 | 0 | 3.31 |
| Bluefin tuna | 0 | 0 | 0 | 0.00 |
| Skipjack tuna | 134 | 134 | 0 | 0.63 |
| Other tunas | 0 | 0 | 0 | 0.00 |
| Total | 2,216 | 2,216 | 0 | 10.40 |
| Other PMUS | | | | |
| Mahimahi | 20 | 20 | 0 | 0.09 |
| Moonfish | 5 | 1 | 4 | 0.02 |
| Wahoo | 117 | 117 | 0 | 0.55 |
| Oilfish | 28 | 0 | 28 | 0.13 |
| Pomfret | 4 | 2 | 2 | 0.02 |
| Total | 174 | 140 | 34 | 0.82 |
| Total PMUS | 2,594 | 2,390 | 204 | 12.17 |
| Total Non-PMUS | 3 | 2 | 1 | 0.01 |
| Total All Species | 2,597 | 2,392 | 205 | 12.18 |

Table 4. Six-month summary report of fishing effort and catch statistics for U.S. longline vessels based in American Samoa as derived from NMFS Western Pacific Daily Longline Fishing Log records. Catch and effort statistics are based on date of longline haul. Data Source: PIFSC Information Management System, Longline Logbook Data.

Report Coverage

Time Period 1 January - 30 June, 2017
Set Types All Sets
Fishing Area Swains LVPA

| | |
|--|--------|
| Number of vessels active | 3 |
| Number of trips (partial or completed) | 3 |
| Number of sets | 17 |
| Number of hooks set | 55,268 |

| Pelagic Management Unit Species (PMUS) | Number Caught | Number Kept | Number Released | CPUE Number Caught per 1000 Hooks |
|---|------------------|----------------|--------------------|---|
| PMUS | | | | |
| Billfish PMUS | | | | |
| Blue marlin | 14 | 14 | 0 | 0.25 |
| Striped marlin | 0 | 0 | 0 | 0.00 |
| Shortbill spearfish | 2 | 2 | 0 | 0.04 |
| Swordfish | 2 | 2 | 0 | 0.04 |
| Other billfishes | 1 | 1 | 0 | 0.02 |
| Total | 19 | 19 | 0 | 0.34 |
| Shark PMUS | | | | |
| Blue shark | 18 | 0 | 18 | 0.33 |
| Mako sharks | 0 | 0 | 0 | 0.00 |
| Thresher sharks | 0 | 0 | 0 | 0.00 |
| Oceanic whitetip shark | 1 | 0 | 1 | 0.02 |
| Silky shark | 5 | 0 | 5 | 0.09 |
| Other Sharks | 0 | 0 | 0 | 0.00 |
| Total | 24 | 0 | 24 | 0.43 |
| Tuna PMUS | | | | |
| Albacore | 521 | 521 | 0 | 9.43 |
| Bigeye tuna | 52 | 52 | 0 | 0.94 |
| Yellowfin tuna | 236 | 236 | 0 | 4.27 |
| Bluefin tuna | 0 | 0 | 0 | 0.00 |
| Skipjack tuna | 95 | 95 | 0 | 1.72 |
| Other tunas | 0 | 0 | 0 | 0.00 |
| Total | 904 | 904 | 0 | 16.36 |
| Other PMUS | | | | |
| Mahimahi | 1 | 1 | 0 | 0.02 |
| Moonfish | 3 | 3 | 0 | 0.05 |
| Wahoo | 37 | 37 | 0 | 0.67 |
| Oilfish | 14 | 0 | 14 | 0.25 |
| Pomfret | 2 | 1 | 1 | 0.04 |
| Total | 57 | 42 | 15 | 1.03 |
| Total PMUS | 1,004 | 965 | 39 | 18.17 |
| Total Non-PMUS | 0 | 0 | 0 | 0.00 |
| Total All Species | 1,004 | 965 | 39 | 18.17 |

Table 5. Six-month summary report of fishing effort and catch statistics for U.S. longline vessels based in American Samoa as derived from NMFS Western Pacific Daily Longline Fishing Log records. Catch and effort statistics are based on date of longline haul. Data Source: PIFSC Information Management System, Longline Logbook Data.

Report Coverage

Time Period 1 January - 30 June, 2017
Set Types All Sets
Fishing Area Tutuila LVPA

| | |
|--|---------|
| Number of vessels active | 9 |
| Number of trips (partial or completed) | 78 |
| Number of sets | 125 |
| Number of hooks set | 207,055 |

| Pelagic Management Unit Species (PMUS) | Number Caught | Number Kept | Number Released | CPUE Number Caught per 1000 Hooks |
|---|------------------|----------------|--------------------|---|
| PMUS | | | | |
| Billfish PMUS | | | | |
| Blue marlin | 18 | 18 | 0 | 0.09 |
| Striped marlin | 1 | 1 | 0 | 0.00 |
| Shortbill spearfish | 1 | 0 | 1 | 0.00 |
| Swordfish | 5 | 5 | 0 | 0.02 |
| Other billfishes | 5 | 5 | 0 | 0.02 |
| Total | 30 | 29 | 1 | 0.14 |
| Shark PMUS | | | | |
| Blue shark | 32 | 0 | 32 | 0.15 |
| Mako sharks | 2 | 0 | 2 | 0.01 |
| Thresher sharks | 5 | 0 | 5 | 0.02 |
| Oceanic whitetip shark | 3 | 0 | 3 | 0.01 |
| Silky shark | 4 | 0 | 4 | 0.02 |
| Other Sharks | 4 | 0 | 4 | 0.02 |
| Total | 50 | 0 | 50 | 0.24 |
| Tuna PMUS | | | | |
| Albacore | 2,325 | 2,323 | 2 | 11.23 |
| Bigeye tuna | 57 | 57 | 0 | 0.28 |
| Yellowfin tuna | 1,452 | 1,452 | 0 | 7.01 |
| Bluefin tuna | 0 | 0 | 0 | 0.00 |
| Skipjack tuna | 151 | 150 | 1 | 0.73 |
| Other tunas | 0 | 0 | 0 | 0.00 |
| Total | 3,985 | 3,982 | 3 | 19.25 |
| Other PMUS | | | | |
| Mahimahi | 99 | 99 | 0 | 0.48 |
| Moonfish | 4 | 4 | 0 | 0.02 |
| Wahoo | 116 | 116 | 0 | 0.56 |
| Oilfish | 22 | 7 | 15 | 0.11 |
| Pomfret | 10 | 5 | 5 | 0.05 |
| Total | 251 | 231 | 20 | 1.21 |
| Total PMUS | 4,316 | 4,242 | 74 | 20.84 |
| Total Non-PMUS | 13 | 2 | 11 | 0.06 |
| Total All Species | 4,329 | 4,244 | 85 | 20.91 |