

**PIFSC Report on the American Samoa Limited-access Longline Fishery
from 1 January to 31 December 2014¹**

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The following tables represent effort, retained catch (kept) and discards (released) as reported on longline log sheets 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 21 June 2016. 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).

¹ PIFSC Data Report DR-16-052.
Issued 3 October 2016.

Table 1. Annual 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 - 31 December, 2014
Set Types All Sets
Fishing Area All Areas

Number of vessels active	23
Number of trips (partial or completed)	194
Number of sets	2,720
Number of hooks set	7,601,111

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	1,041	447	594	0.14
Striped marlin	262	214	48	0.03
Shortbill spearfish	588	54	534	0.08
Swordfish	262	174	88	0.03
Other billfishes	158	54	104	0.02
Total	2,311	943	1,368	0.30
Shark PMUS				
Blue shark	2,848	20	2,828	0.37
Mako sharks	271	2	269	0.04
Thresher sharks	218	0	218	0.03
Oceanic whitetip shark	701	1	700	0.09
Silky shark	734	1	733	0.10
Other Sharks	0	0	0	0.00
Total	4,772	24	4,748	0.63
Tuna PMUS				
Albacore	81,253	81,112	141	10.69
Bigeye tuna	5,011	4,923	88	0.66
Yellowfin tuna	19,504	19,381	123	2.57
Bluefin tuna	33	28	5	0.00
Skipjack tuna	19,346	18,857	489	2.55
Other tunas	0	0	0	0.00
Total	125,147	124,301	846	16.46
Other PMUS				
Mahimahi	1,370	1,221	149	0.18
Moonfish	215	52	163	0.03
Wahoo	5,435	5,231	204	0.72
Oilfish	4,404	41	4,363	0.58
Pomfret	621	113	508	0.08
Total	12,045	6,658	5,387	1.58
Total PMUS	144,275	131,926	12,349	18.98
Total Non-PMUS	543	40	503	0.07
Total All Species	144,818	131,966	12,852	19.05

Table 2. Annual 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 - 31 December, 2014
Set Types All Sets
Fishing Area American Samoa EEZ

Number of vessels active	23
Number of trips (partial or completed)	192
Number of sets	2,587
Number of hooks set	7,196,079

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	932	433	499	0.13
Striped marlin	236	198	38	0.03
Shortbill spearfish	518	51	467	0.07
Swordfish	226	161	65	0.03
Other billfishes	151	53	98	0.02
Total	2,063	896	1,167	0.29
Shark PMUS				
Blue shark	2,690	17	2,673	0.37
Mako sharks	257	2	255	0.04
Thresher sharks	193	0	193	0.03
Oceanic whitetip shark	606	1	605	0.08
Silky shark	702	1	701	0.10
Other Sharks	0	0	0	0.00
Total	4,448	21	4,427	0.62
Tuna PMUS				
Albacore	79,077	78,938	139	10.99
Bigeye tuna	4,349	4,265	84	0.60
Yellowfin tuna	17,899	17,786	113	2.49
Bluefin tuna	25	20	5	0.00
Skipjack tuna	17,122	16,633	489	2.38
Other tunas	0	0	0	0.00
Total	118,472	117,642	830	16.46
Other PMUS				
Mahimahi	1,332	1,185	147	0.19
Moonfish	192	47	145	0.03
Wahoo	5,103	4,899	204	0.71
Oilfish	4,101	38	4,063	0.57
Pomfret	564	110	454	0.08
Total	11,292	6,279	5,013	1.57
Total PMUS	136,275	124,838	11,437	18.94
Total Non-PMUS	542	39	503	0.08
Total All Species	136,817	124,877	11,940	19.01

Table 3. Annual 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 - 31 December, 2014
Set Types All Sets
Fishing Area Outside American Samoa EEZ

Number of vessels active	10
Number of trips (partial or completed)	14
Number of sets	133
Number of hooks set	405,032

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	109	14	95	0.27
Striped marlin	26	16	10	0.06
Shortbill spearfish	70	3	67	0.17
Swordfish	36	13	23	0.09
Other billfishes	7	1	6	0.02
Total	248	47	201	0.61
Shark PMUS				
Blue shark	158	3	155	0.39
Mako sharks	14	0	14	0.03
Thresher sharks	25	0	25	0.06
Oceanic whitetip shark	95	0	95	0.23
Silky shark	32	0	32	0.08
Other Sharks	0	0	0	0.00
Total	324	3	321	0.80
Tuna PMUS				
Albacore	2,176	2,174	2	5.37
Bigeye tuna	662	658	4	1.63
Yellowfin tuna	1,605	1,595	10	3.96
Bluefin tuna	8	8	0	0.02
Skipjack tuna	2,224	2,224	0	5.49
Other tunas	0	0	0	0.00
Total	6,675	6,659	16	16.48
Other PMUS				
Mahimahi	38	36	2	0.09
Moonfish	23	5	18	0.06
Wahoo	332	332	0	0.82
Oilfish	303	3	300	0.75
Pomfret	57	3	54	0.14
Total	753	379	374	1.86
Total PMUS	8,000	7,088	912	19.75
Total Non-PMUS	1	1	0	0.00
Total All Species	8,001	7,089	912	19.75

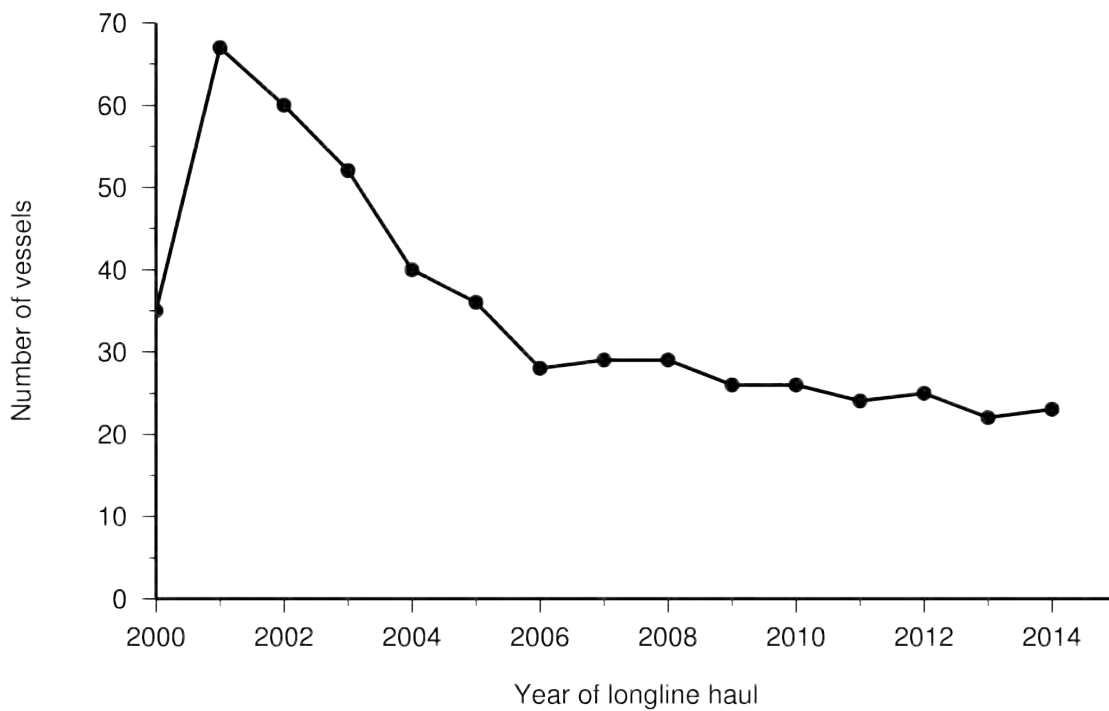


Figure 1. Number of active longline vessels based in American Samoa, by year, 2000-2014.

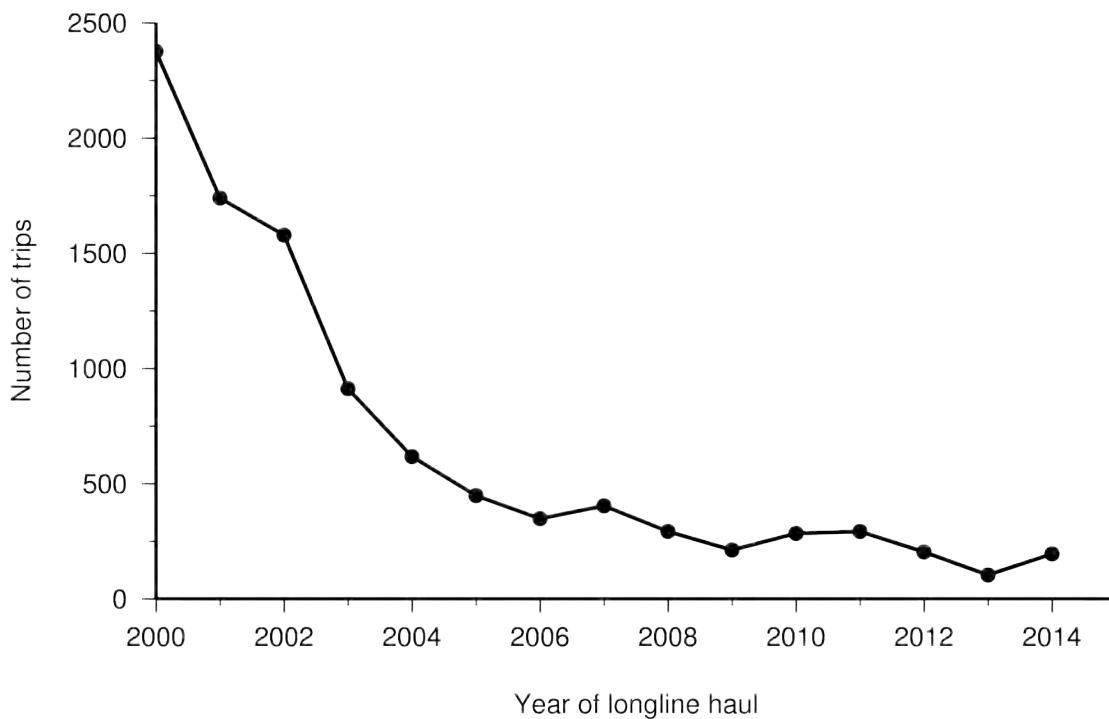


Figure 2. Number of fishing trips by longline vessels based in American Samoa, by year, 2000-2014.

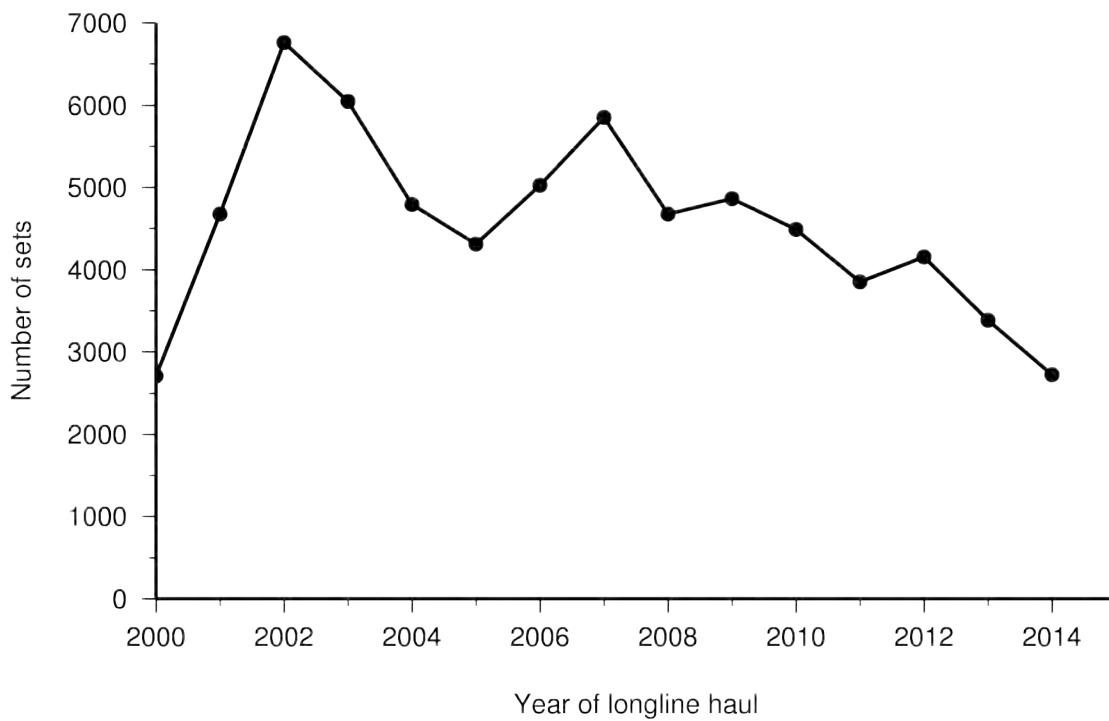


Figure 3. Number of fishing sets by longline vessels based in American Samoa, by year, 2000-2014.

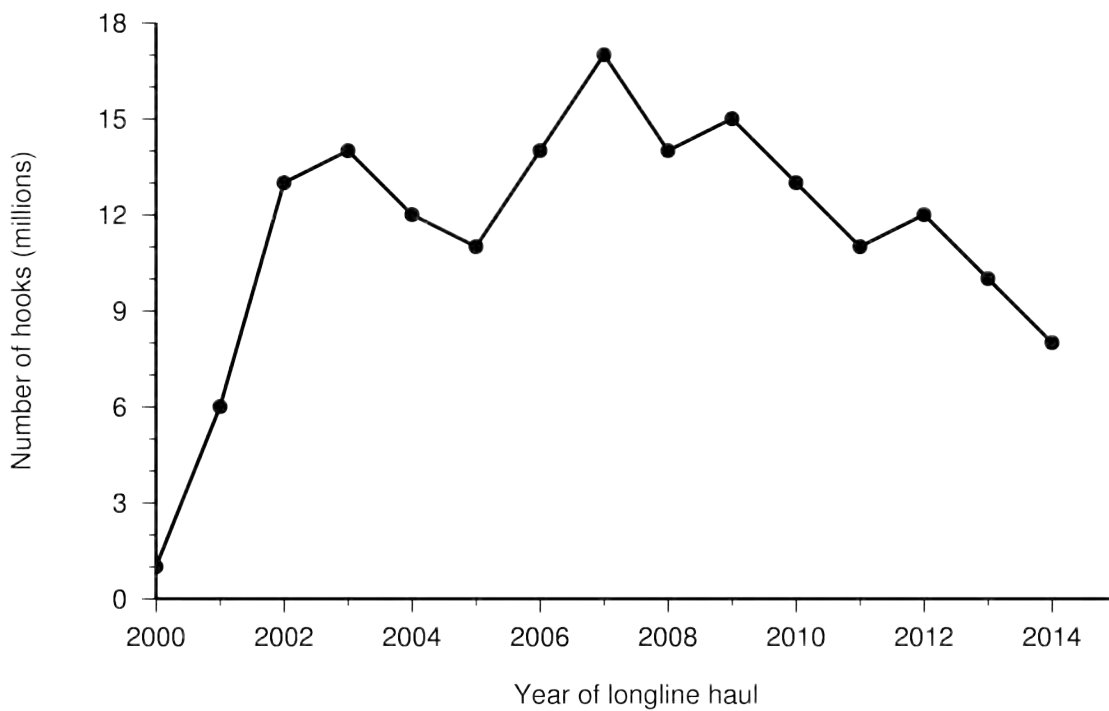


Figure 4. Number of hooks in millions, set by longline vessels based in American Samoa, by year, 2000-2014

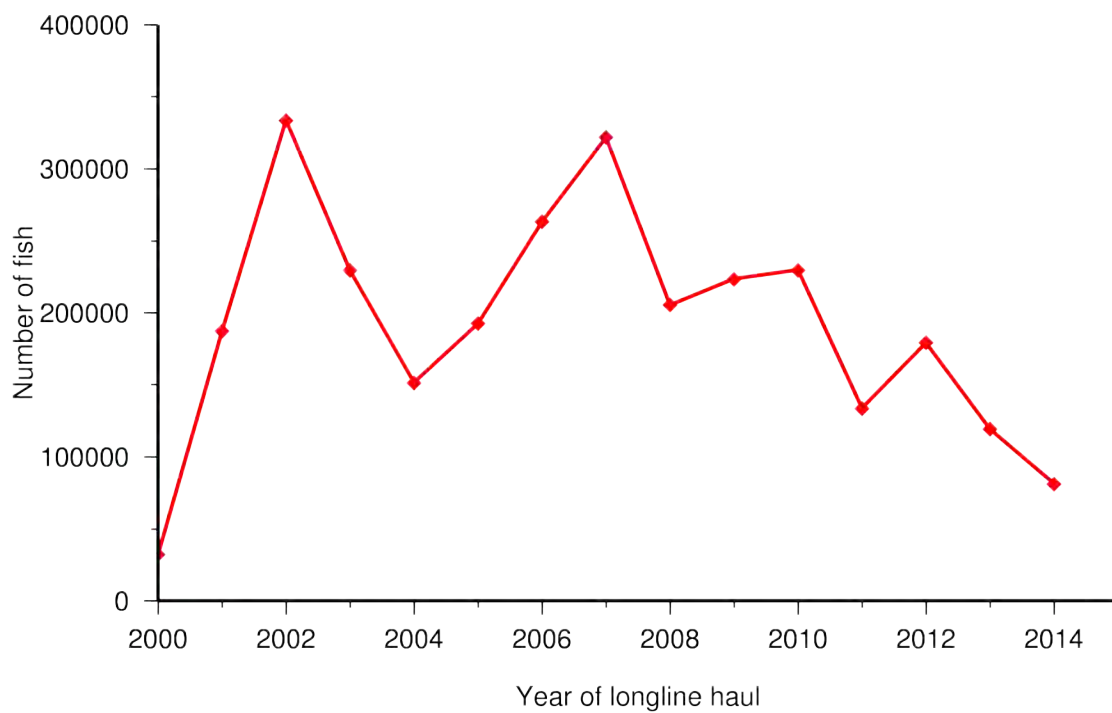


Figure 5. Annual catch (kept + released) of albacore by longline vessels based in American Samoa, 2000-2014.

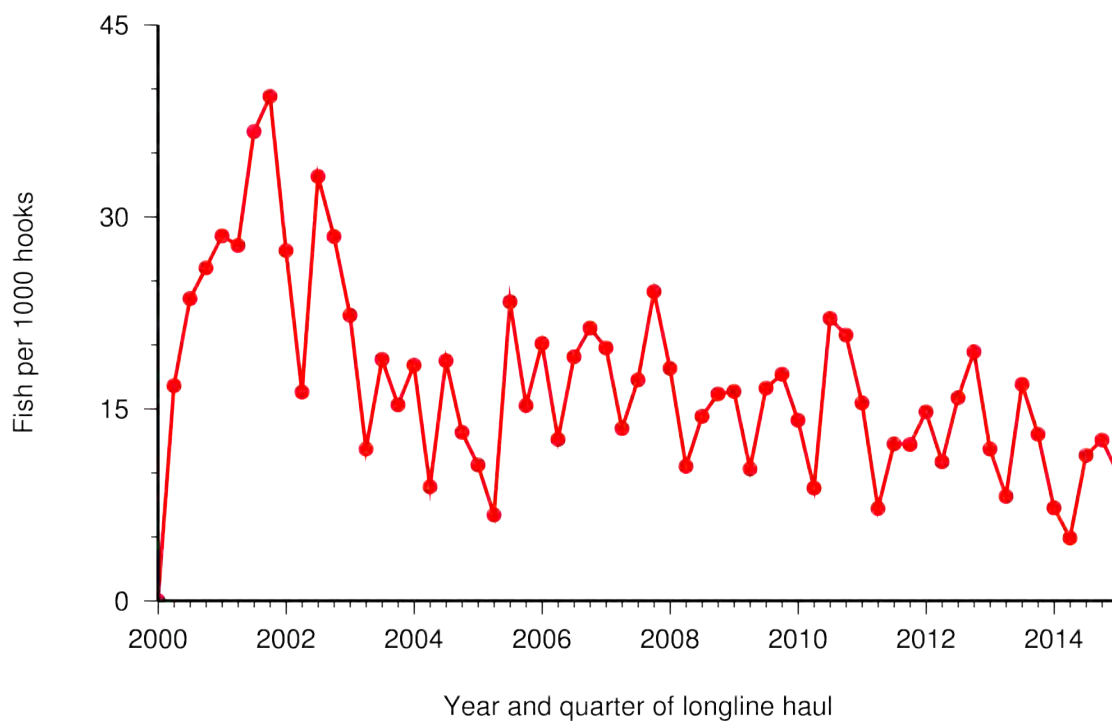


Figure 6. Quarterly CPUE of albacore (kept + released, per 1000 hooks) by longline vessels based in American Samoa, 2000-2014.

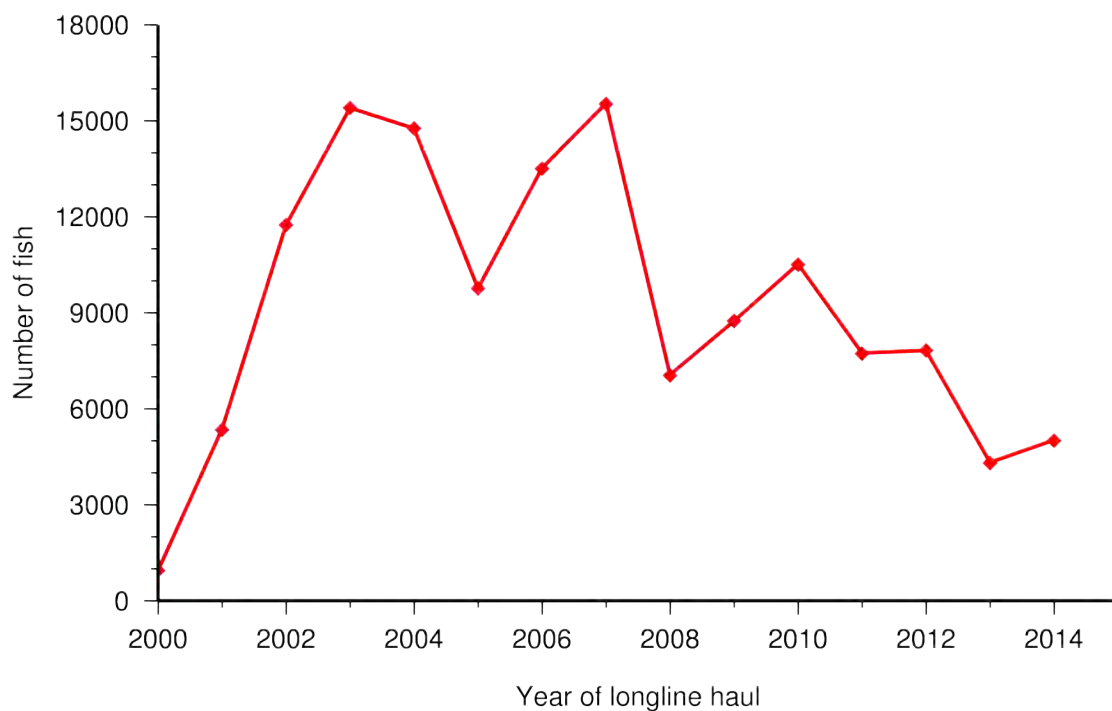


Figure 7. Annual catch (kept + released) of bigeye tuna by longline vessels based in American Samoa, 2000-2014.

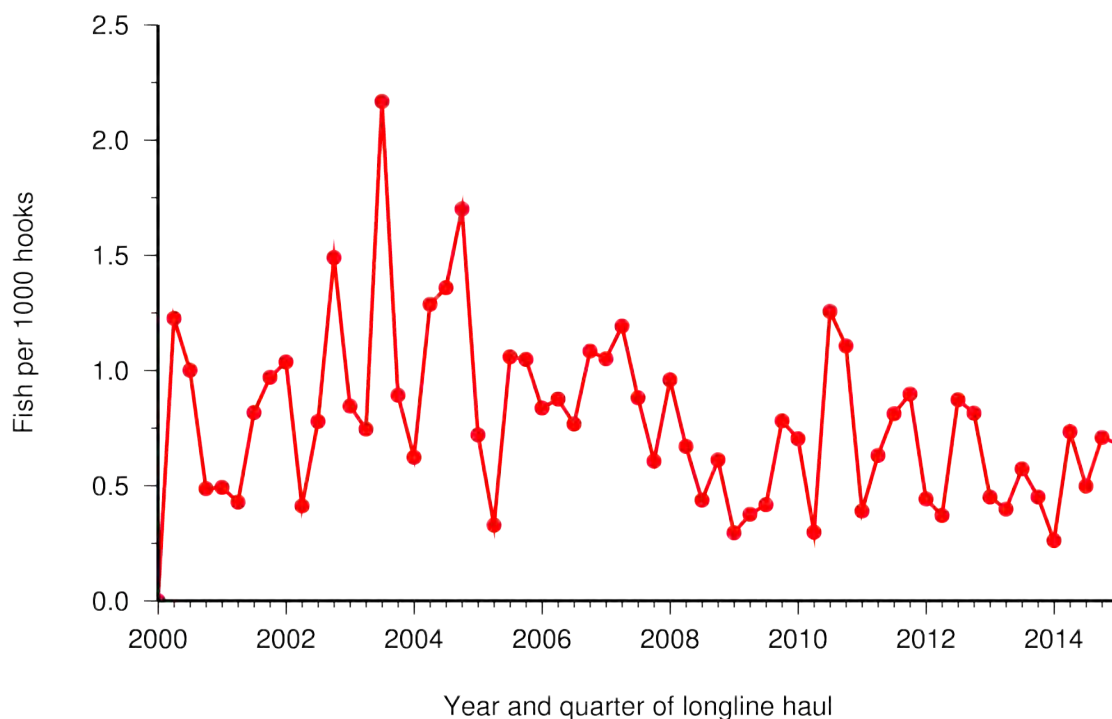


Figure 8. Quarterly CPUE of bigeye tuna (kept + released, per 1000 hooks) by longline vessels based in American Samoa, 2000-2014.

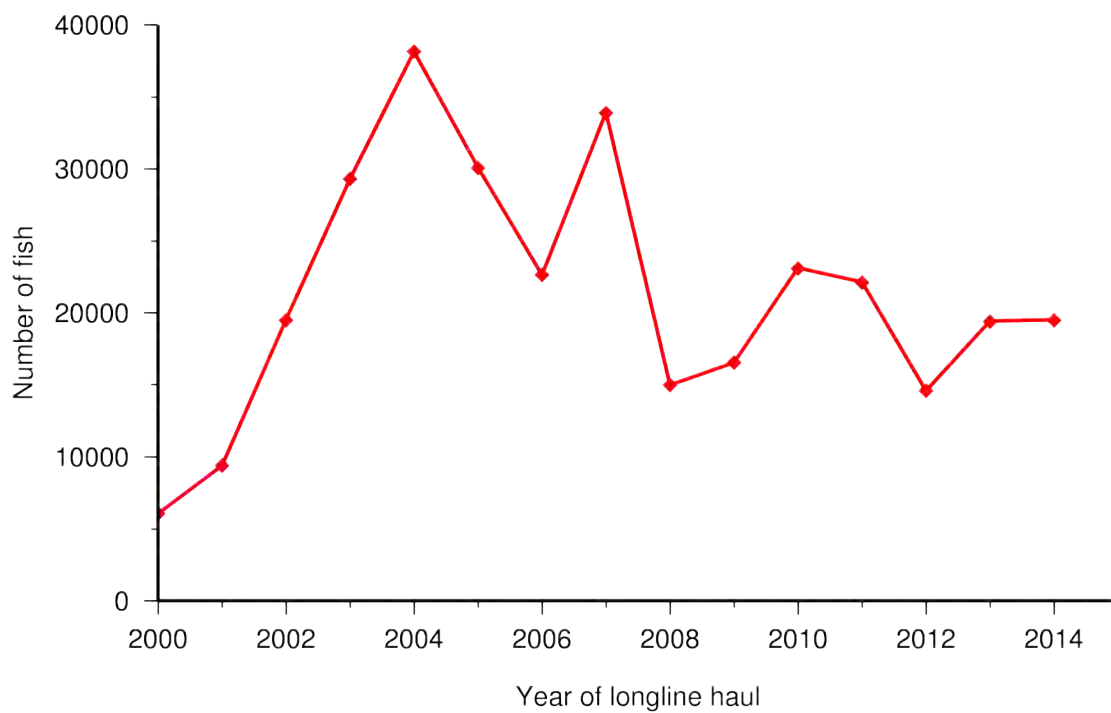


Figure 9. Annual catch (kept + released) of yellowfin tuna by longline vessels based in American Samoa, 2000-2014.

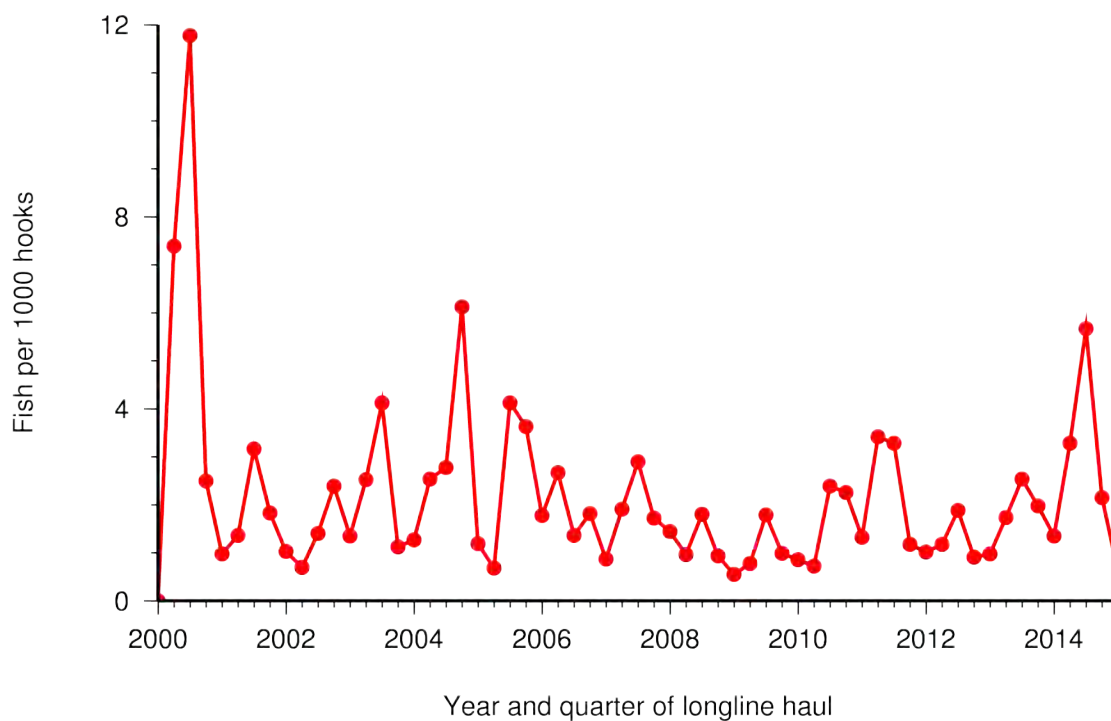


Figure 10. Quarterly CPUE of yellowfin tuna (kept + released, per 1000 hooks) by longline vessels based in American Samoa, 2000-2014.

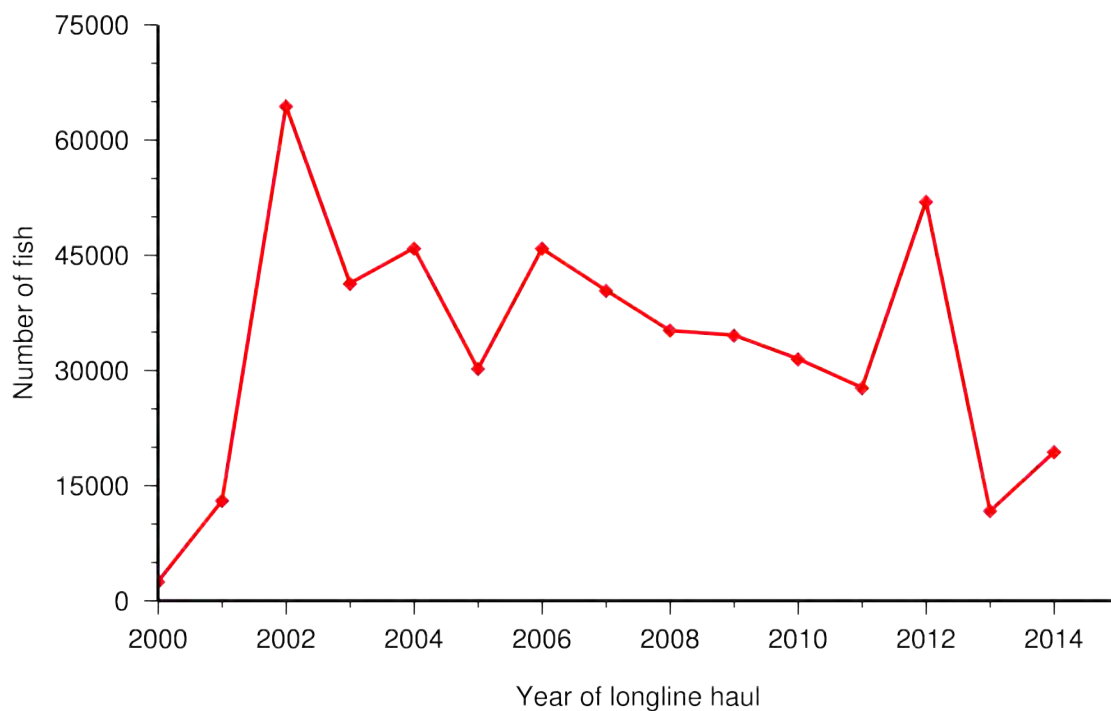


Figure 11. Annual catch (kept + released) of skipjack tuna by longline vessels based in American Samoa, 2000-2014.

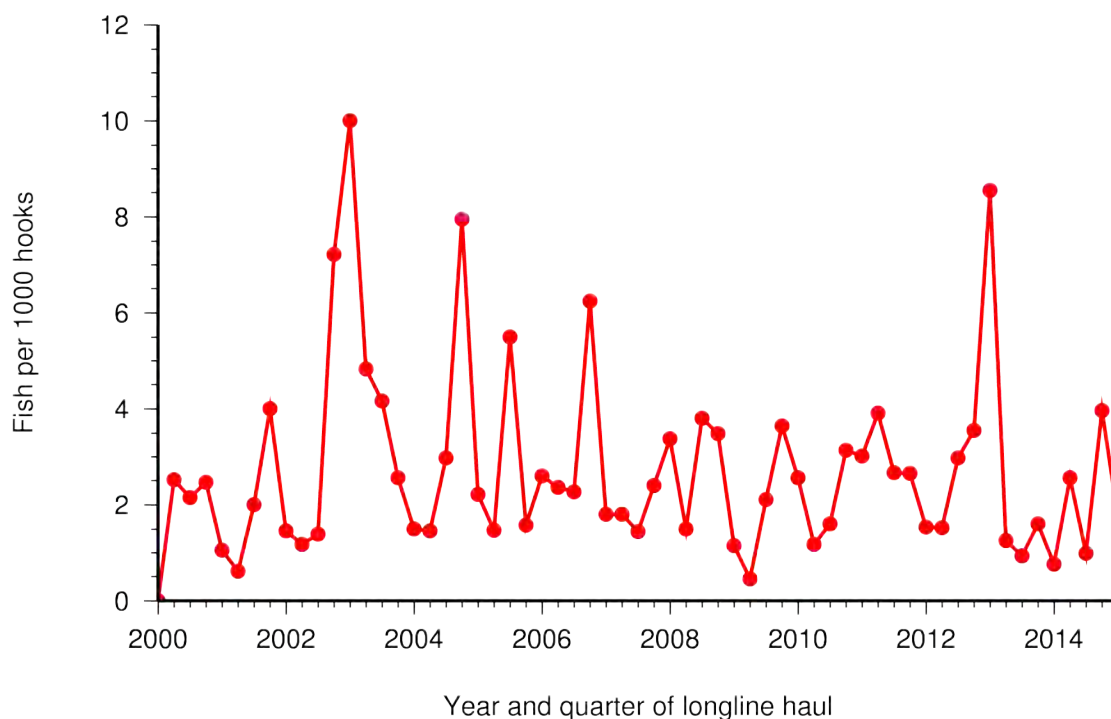


Figure 12. Quarterly CPUE of skipjack tuna (kept + released, per 1000 hooks) by longline vessels based in American Samoa, 2000-2014.

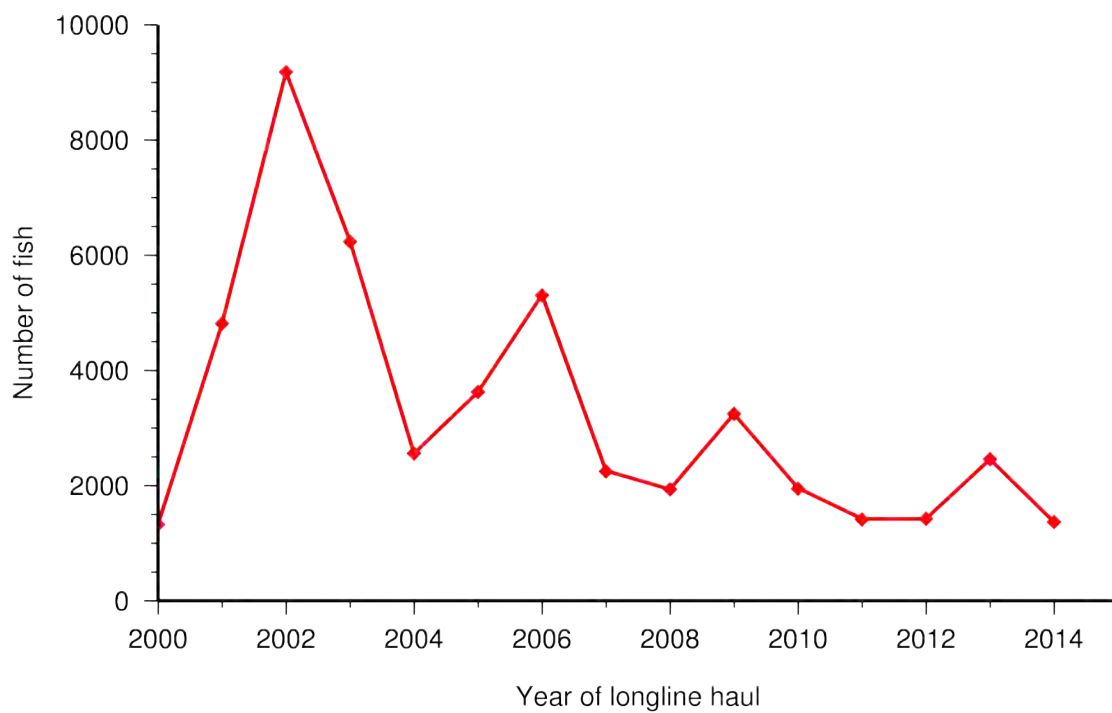


Figure 13. Annual catch (kept + released) of mahimahi by longline vessels based in American Samoa, 2000-2014.

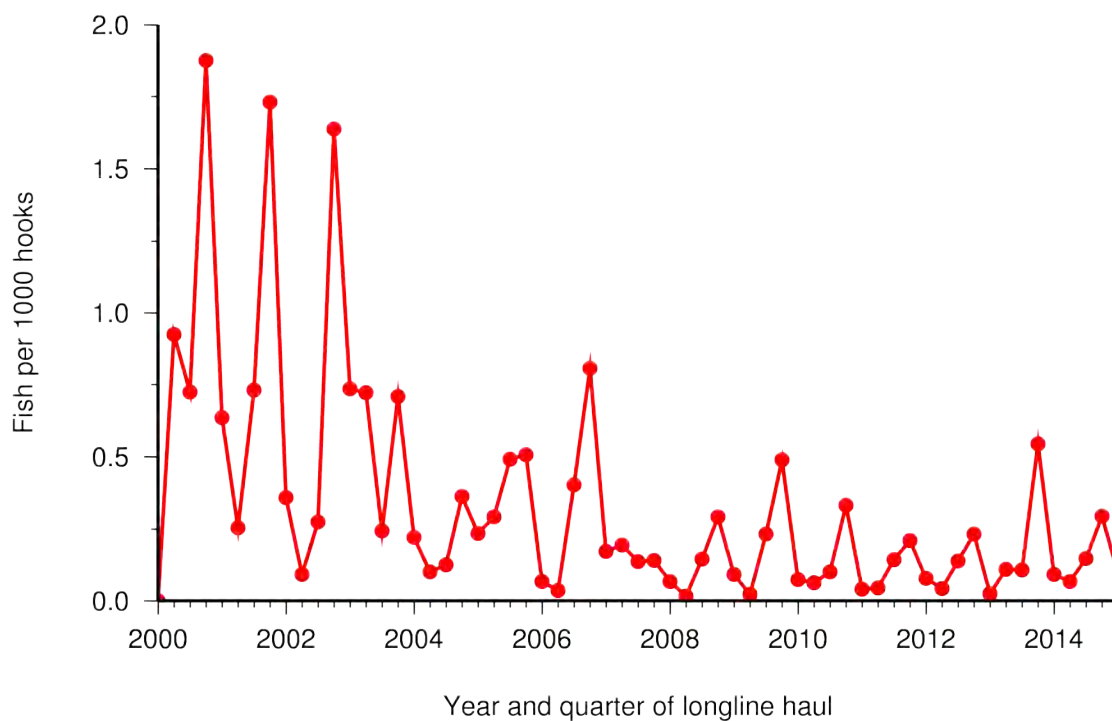


Figure 14. Quarterly CPUE of mahimahi (kept + released, per 1000 hooks) by longline vessels based in American Samoa, 2000-2014.

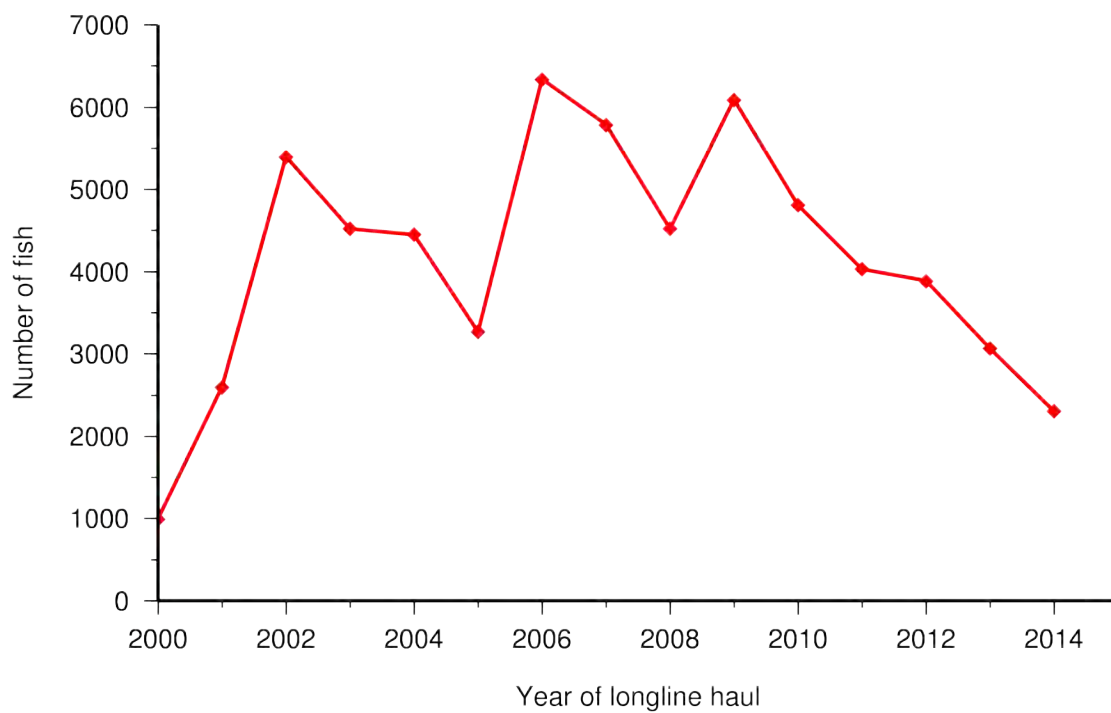


Figure 15. Annual catch (kept + released) of billfish by longline vessels based in American Samoa, 2000-2014.

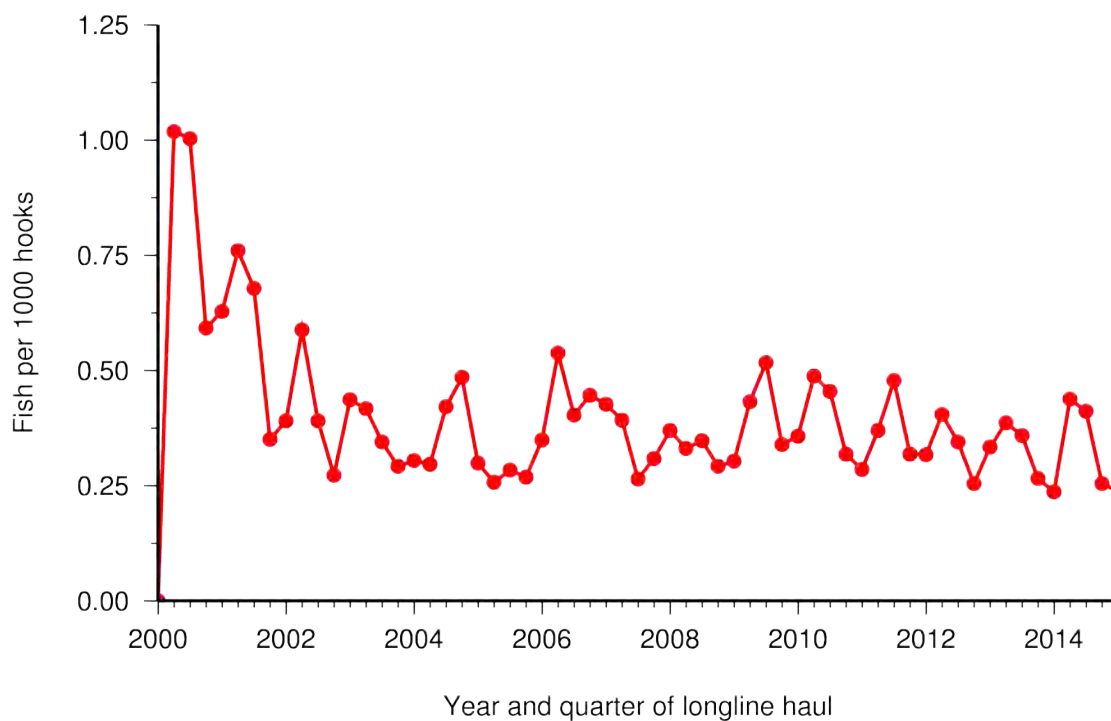


Figure 16. Quarterly CPUE of billfish (kept + released, per 1000 hooks) by longline vessels based in American Samoa, 2000-2014.

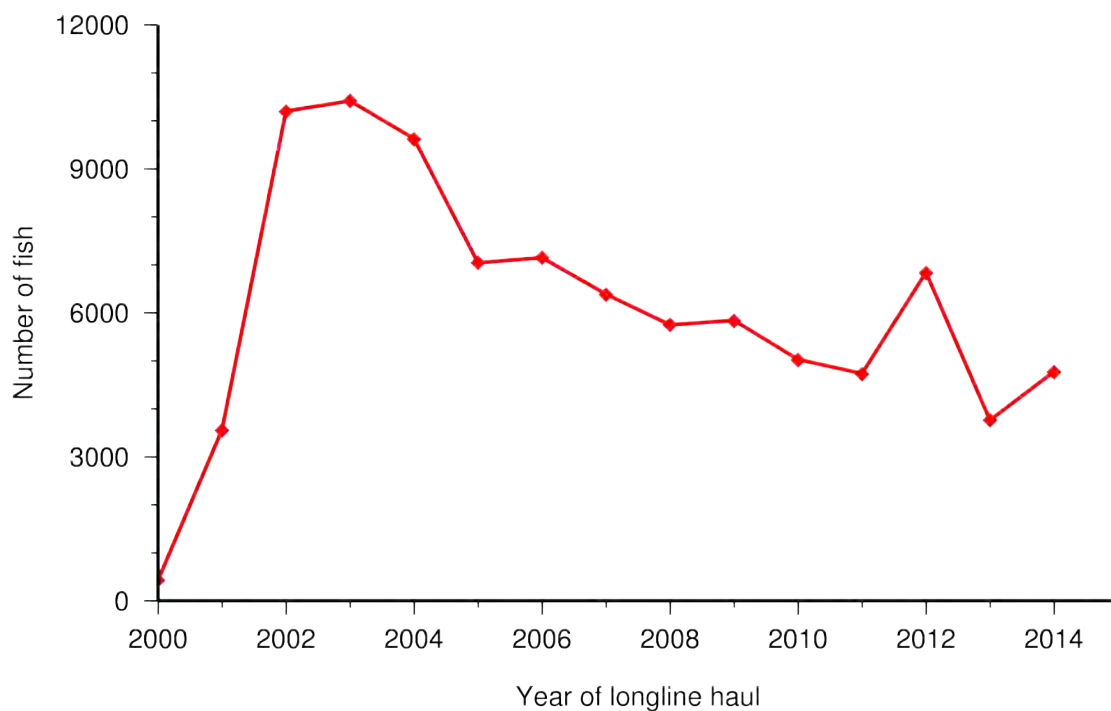


Figure 17. Annual catch (kept + released) of sharks caught by longline vessels based in American Samoa, 2000-2014.

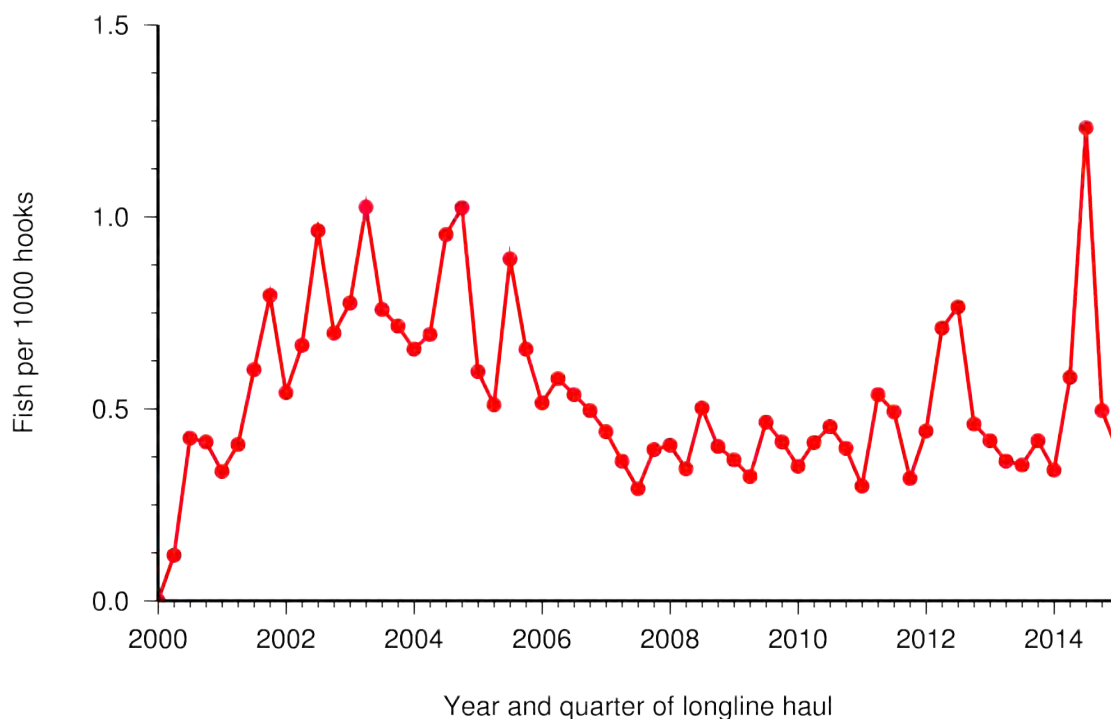


Figure 18. Quarterly CPUE of sharks caught (kept + released, per 1000 hooks) by longline vessels based in American Samoa, 2000-2014.

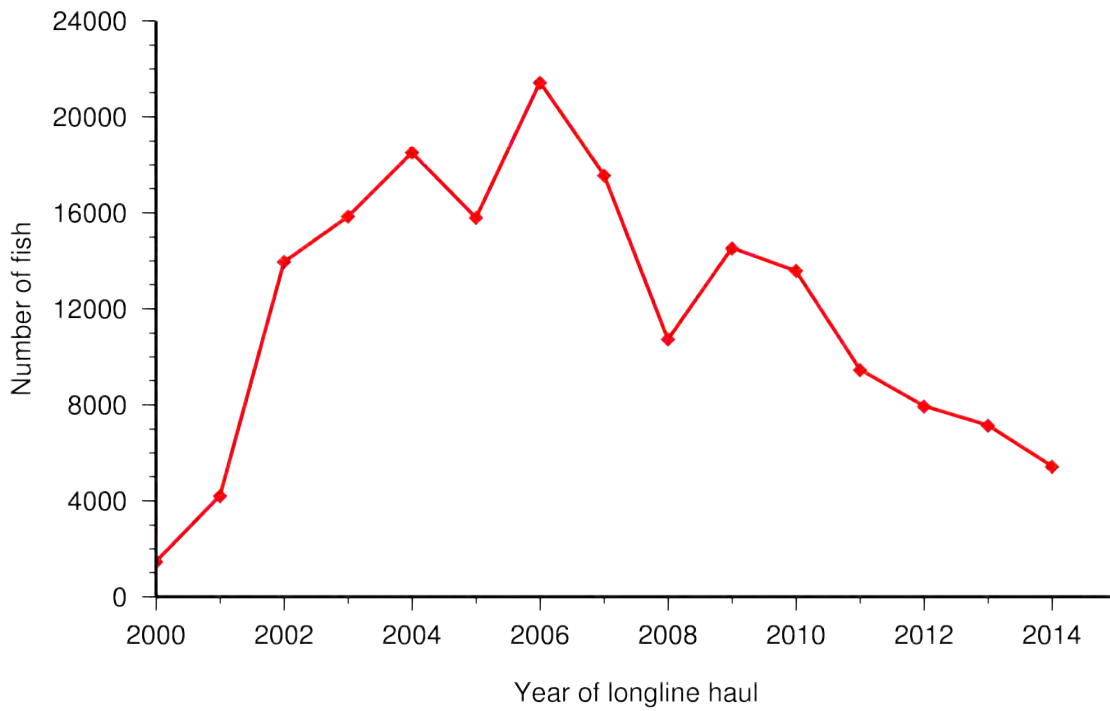


Figure 19. Annual catch (kept + released) of wahoo by longline vessels based in American Samoa, 2000-2014.

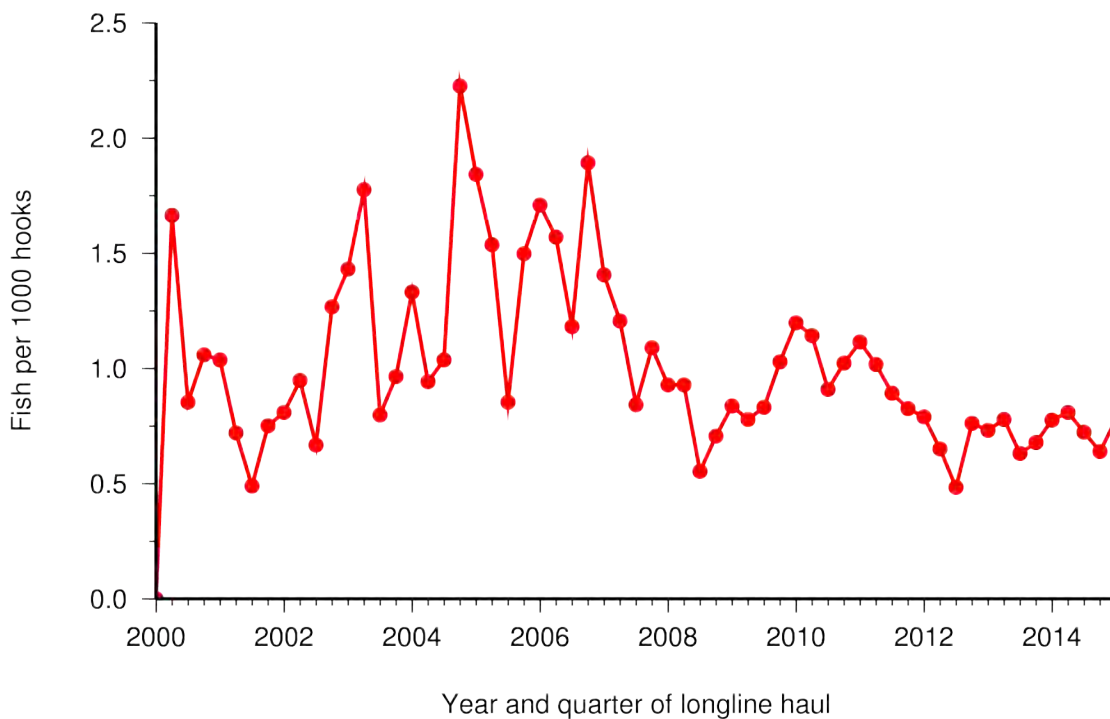


Figure 20. Quarterly CPUE of wahoo (kept + released, per 1000 hooks) by longline vessels based in American Samoa, 2000-2014.