

PACIFIC ISLANDS REGION FISH BYCATCH BY FISHERY (2014) Fishery bycatch ratio = bycatch / (bycatch + landings).

COMMON NAME	SCIENTIFIC NAME	YEAR	BYCATCH (LIVE+DEAD)	BYCATCH (DEAD)	UNIT	CV	FOOTNOTES
Hawaii Deep-Set Pelagic Longline							
Albacore - North Pacific	Thunnus alalunga	2014	4,063.30	3,715.10	POUND		
Bigeye sand tiger shark	Odontaspis noronhai	2014	345.20	345.20	POUND		
Bigeye thresher	Alopias superciliosus	2014	1,321,602.30	332,383.00	POUND		a
Bigeye tuna - Pacific	Thunnus obesus	2014	222,851.10	60,013.80	POUND		
Billfishes	Istiophoridae	2014	55,675.30	49,127.90	POUND		
Black gemfish	Nesiarchus nasutus	2014	753.40	307.50	POUND		
Black mackerel	Scombrobrax heterolepis	2014	3,137.50	2,101.20	POUND		
Blue marlin - Pacific	Makaira nigricans	2014	24,937.20	15,658.10	POUND		
Blue shark - North Pacific	Prionace glauca	2014	6,609,160.80	322,527.00	POUND		
Bony fishes (other)	Osteichthyes	2014	197.60	167.90	POUND		
Bony fishes (unidentified)	Osteichthyes	2014	1,259.60	545.50	POUND		
Brama pomfrets (unidentified)	Bramidae	2014	5,007.60	2,255.10	POUND		b
Brilliant pomfret	Eumegistus illustris	2014	539.00	223.10	POUND		b
Cottonmouth jacks (unidentified)	Uraspis	2014	22.90	11.40	POUND		
Crestfish	Lophotus lacepede	2014	1,881.00	1,039.40	POUND		
Crocodile shark	Pseudocarcharias kamoharai	2014	2,757.50	340.00	POUND		
Deepwater dogfishes	Squalidae	2014	6,507.90	1,317.20	POUND		
Dolphinfish - Pacific	Coryphaena hippurus	2014	52,656.50	33,842.30	POUND		
Driftfishes	Cubiceps	2014	71.30	0.00	POUND		
Escolar	Lepidocybium flavobrunneum	2014	94,618.90	24,033.20	POUND		c
Galapagos shark	Carcharhinus galapagensis	2014	2,605.70	0.00	POUND		
Great barracuda	Sphyrna barracuda	2014	1,599.30	220.50	POUND		
Hammerhead sharks	Sphyrna	2014	3,667.40	611.40	POUND		
Hammerjaw	Omosudis lowii	2014	730.40	696.10	POUND		
Knifetail pomfret	Taractes rubescens	2014	46,836.60	6,313.60	POUND		b
Longfin mako	Isurus paucus	2014	13,944.00	3,718.90	POUND		d
Longnose lancetfish	Alepisaurus ferox	2014	1,240,552.60	1,140,191.90	POUND		
Makos	Isurus	2014	5,849.20	2,924.60	POUND		d
Manta	Manta birostris	2014	968.00	0.00	POUND		
Manta and/or mobula (unidentified)	Mobulidae	2014	1,518.00	0.00	POUND		
Ocean sunfish	Mola mola	2014	12,489.00	389.70	POUND		

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Oceanic whitetip shark	Carcharhinus longimanus	2014	55,900.80	10,123.60	POUND		e
Oilfish	Ruvettus pretiosus	2014	12,528.80	1,850.50	POUND		c
Opah - Pacific	Lampris guttatus	2014	62,338.70	30,446.20	POUND		
Pelagic puffer	Lagocephalus lagocephalus	2014	1,353.50	238.90	POUND		
Pelagic stingray	Pteroplatytrygon violacea	2014	25,707.00	3,401.00	POUND		
Pelagic thresher	Alopias pelagicus	2014	6,649.80	2,438.50	POUND		a
Pompano dolphinfish	Coryphaena equiselis	2014	255.20	198.50	POUND		
Rainbow runner	Elagatis bipinnulata	2014	22.00	22.00	POUND		
Razorback scabbardfish	Assurger anzac	2014	1,192.10	433.50	POUND		
Roudi escolar	Promethichthys prometheus	2014	5,723.60	2,248.80	POUND		c
Rough pomfret	Taractes asper	2014	3,814.80	270.90	POUND		b
Rough triggerfish	Canthidermis maculata	2014	35.20	0.00	POUND		
Sailfish	Istiophorus platypterus	2014	993.30	283.80	POUND		
Salmon shark	Lamna ditropis	2014	247.20	0.00	POUND		
Sandbar shark	Carcharhinus plumbeus	2014	289.40	0.00	POUND		
Scalloped ribbonfish	Zu cristatus	2014	135.90	54.30	POUND		
Sharks (unidentified)	Chondrichthyes	2014	18,758.00	2,074.60	POUND		
Sharptail mola	Masturus lanceolatus	2014	14,520.00	660.70	POUND		
Shortbill spearfish	Tetrapturus angustirostris	2014	48,932.00	41,592.20	POUND		
Shortfin mako	Isurus oxyrinchus	2014	319,973.80	57,211.30	POUND		d
Shortnose lancetfish	Alepisaurus brevirostris	2014	31.70	31.70	POUND		
Sickle pomfret	Taractichthys steindachneri	2014	19,603.50	6,194.70	POUND		b
Silky shark	Carcharhinus falciformis	2014	41,263.40	10,196.20	POUND		e
Skipjack tuna - Central Western Pacific	Katsuwonus pelamis	2014	44,259.90	43,573.90	POUND		
Slender mola	Ranzania laevis	2014	15,620.00	9,928.10	POUND		
Smooth hammerhead shark	Sphyrna zygaena	2014	16,115.20	7,251.90	POUND		
Snake mackerel	Gempylus serpens	2014	278,533.40	108,795.20	POUND		c
Striped marlin - Central Western Pacific	Kajikia audax	2014	43,012.50	30,371.10	POUND		
Swordfish	Xiphias gladius	2014	28,532.90	15,125.30	POUND		
Tapertail ribbonfish	Trachipterus fukuzakii	2014	3,926.20	1,616.80	POUND		
Thresher sharks (unidentified)	Alopiidae	2014	34,388.70	5,938.90	POUND		a
Tiger shark	Galeocerdo cuvier	2014	15,584.80	0.00	POUND		
Tunas	Scombridae	2014	24,310.10	22,939.30	POUND		

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Unidentified puffers	Tetraodontidae	2014	106.80	23.70	POUND		
Unidentified snake mackerels	Gempylidae	2014	8.20	8.20	POUND		c
Wahoo - Pacific	Acanthocybium solandri	2014	26,151.20	25,204.50	POUND		
Yellowfin tuna - Central Western Pacific	Thunnus albacares	2014	27,520.10	9,398.10	POUND		
TOTAL FISHERY BYCATCH			10,937,145.80	2,455,167.50	POUND		
TOTAL FISHERY LANDINGS			24,333,890.00		POUND		
TOTAL CATCH (Bycatch + Landings)			35,271,035.80		POUND		
FISHERY BYCATCH RATIO (Bycatch/Total Catch)			0.31	0.07			
Hawaii Shallow-Set Pelagic Longline							
Albacore - North Pacific	Thunnus alalunga	2014	4,509.40	2,122.10	POUND		
Bigeye thresher	Alopias superciliosus	2014	8,706.10	2,247.00	POUND		a
Bigeye tuna - Pacific	Thunnus obesus	2014	7,715.40	1,746.80	POUND		
Billfishes	Istiophoridae	2014	253.40	84.40	POUND		
Blue marlin - Pacific	Makaira nigricans	2014	1,112.60	222.50	POUND		
Blue shark - North Pacific	Prionace glauca	2014	394,474.10	45,640.70	POUND		
Bony fishes (other)	Osteichthyes	2014	6.10	6.10	POUND		
Bony fishes (unidentified)	Osteichthyes	2014	256.90	6.10	POUND		
Brama pomfrets (unidentified)	Bramidae	2014	464.30	263.90	POUND		b
Crestfish	Lophotus lacepede	2014	11.00	0.00	POUND		
Deepwater dogfishes	Squalidae	2014	7.30	0.00	POUND		
Dolphinfish - Pacific	Coryphaena hippurus	2014	6,364.20	787.90	POUND		
Driftfishes	Cubiceps	2014	1.30	1.30	POUND		
Escolar	Lepidocybium flavobrunneum	2014	7,170.10	2,489.40	POUND		c
Hammerjaw	Omosudis lowii	2014	2.20	0.00	POUND		
Knifetail pomfret	Taractes rubescens	2014	430.40	151.20	POUND		b
Longfin mako	Isurus paucus	2014	297.20	0.00	POUND		d
Longnose lancetfish	Alepisaurus ferox	2014	13,713.70	12,827.80	POUND		
Makos	Isurus	2014	240.20	18.50	POUND		d
Manta	Manta birostris	2014	88.00	0.00	POUND		
Manta and/or mobula (unidentified)	Mobulidae	2014	77.00	0.00	POUND		
Ocean sunfish	Mola mola	2014	12,320.00	660.40	POUND		
Oceanic whitetip shark	Carcharhinus longimanus	2014	3,668.30	524.20	POUND		e
Oilfish	Ruvettus pretiosus	2014	10,747.00	2,673.80	POUND		c

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Opah - Pacific	Lampris guttatus	2014	6,101.20	1,877.30	POUND		
Pelagic puffer	Lagocephalus lagocephalus	2014	36.90	6.70	POUND		
Pelagic stingray	Pteroplatytrygon violacea	2014	2,164.80	395.90	POUND		
Rough pomfret	Taractes asper	2014	21.20	14.10	POUND		b
Salmon shark	Lamna ditropis	2014	752.60	430.00	POUND		
Sharks (unidentified)	Chondrichthyes	2014	1,812.80	181.30	POUND		
Sharptail mola	Masturus lanceolatus	2014	396.00	0.00	POUND		
Shortbill spearfish	Tetrapturus angustirostris	2014	3,248.10	1,337.60	POUND		
Shortfin mako	Isurus oxyrinchus	2014	29,857.70	7,963.10	POUND		d
Sickle pomfret	Taractichthys steindachneri	2014	79.90	45.70	POUND		b
Silky shark	Carcharhinus falciformis	2014	41.10	0.00	POUND		e
Skipjack tuna - Central Western Pacific	Katsuwonus pelamis	2014	18.70	18.70	POUND		
Snake mackerel	Gempylus serpens	2014	956.10	595.30	POUND		c
Striped marlin - Central Western Pacific	Kajikia audax	2014	4,813.90	1,520.20	POUND		
Swordfish	Xiphias gladius	2014	73,660.00	50,339.30	POUND		
Tapertail ribbonfish	Trachipterus fukuzakii	2014	933.00	608.50	POUND		
Thresher shark	Alopias vulpinus	2014	982.90	140.50	POUND		a
Thresher sharks (unidentified)	Alopiidae	2014	1,965.90	421.30	POUND		a
Tiger shark	Galeocerdo cuvier	2014	3,472.90	0.00	POUND		
Tunas	Scombridae	2014	85.50	65.80	POUND		
Wahoo - Pacific	Acanthocybium solandri	2014	18.30	18.30	POUND		
Yellowfin tuna - Central Western Pacific	Thunnus albacares	2014	195.20	27.90	POUND		
TOTAL FISHERY BYCATCH			604,250.90	138,481.60	POUND		
TOTAL FISHERY LANDINGS			3,254,308.00		POUND		
TOTAL CATCH (Bycatch + Landings)			3,858,558.90		POUND		
FISHERY BYCATCH RATIO (Bycatch/Total Catch)			0.16	0.04			
American Samoa Deep-Set Pelagic Longline							
Albacore - South Pacific	Thunnus alalunga	2014	29,380.00	28,457.50	POUND		
Bigeye thresher	Alopias superciliosus	2014	23,035.90	1,607.90	POUND		a
Bigeye tuna - Pacific	Thunnus obesus	2014	21,142.30	1,389.00	POUND		
Billfishes	Istiophoridae	2014	4,059.00	2,899.30	POUND		
Black gemfish	Nesiarchus nasutus	2014	373.80	147.50	POUND		
Black mackerel	Scombrolabrax heterolepis	2014	10,955.70	4,616.70	POUND		

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Blue marlin - Pacific	Makaira nigricans	2014	68,720.40	34,889.30	POUND		
Blue shark - North Pacific	Prionace glauca	2014	158,442.50	7,177.40	POUND		
Bony fishes (other)	Osteichthyes	2014	14.10	0.00	POUND		
Bony fishes (unidentified)	Osteichthyes	2014	1.30	0.00	POUND		
Brama pomfrets (unidentified)	Bramidae	2014	250.40	71.80	POUND		b
Brilliant pomfret	Eumegistus illustris	2014	44.00	17.60	POUND		b
Crestfish	Lophotus lacepede	2014	2,312.80	513.90	POUND		
Crocodile shark	Pseudocarcharias kamoharai	2014	161.80	0.00	POUND		
Deepwater dogfishes	Squalidae	2014	87.60	29.20	POUND		
Dolphinfish - Pacific	Coryphaena hippurus	2014	5,625.80	2,482.10	POUND		
Driftfishes	Cubiceps	2014	31.70	6.30	POUND		
Escolar	Lepidocybium flavobrunneum	2014	70,316.40	7,418.40	POUND		c
Great barracuda	Sphyrna barracuda	2014	4,701.80	1,403.50	POUND		
Hammerjaw	Omosudis lowii	2014	92.40	75.60	POUND		
Knifetail pomfret	Taractes rubescens	2014	61.70	0.00	POUND		b
Longfin mako	Isurus paucus	2014	2,467.10	448.50	POUND		d
Longnose lancetfish	Alepisaurus ferox	2014	17,305.10	14,915.30	POUND		
Manta	Manta birostris	2014	176.00	0.00	POUND		
Manta and/or mobula (unidentified)	Mobulidae	2014	638.00	0.00	POUND		
Ocean sunfish	Mola mola	2014	1,256.00	0.00	POUND		
Oceanic whitetip shark	Carcharhinus longimanus	2014	15,105.90	5,374.70	POUND		e
Oilfish	Ruvettus pretiosus	2014	12,855.70	516.80	POUND		c
Opah - Pacific	Lampris guttatus	2014	5,334.70	1,185.40	POUND		
Pelagic puffer	Lagocephalus lagocephalus	2014	17.50	0.00	POUND		
Pelagic stingray	Pteroplatytrygon violacea	2014	42,339.00	1,469.20	POUND		
Pelagic thresher	Alopias pelagicus	2014	114.40	0.00	POUND		a
Pompano dolphinfish	Coryphaena equiselis	2014	0.40	0.00	POUND		
Rays (unidentified)	Rajiformes	2014	26.40	0.00	POUND		
Roudi escolar	Promethichthys prometheus	2014	22,680.80	7,874.80	POUND		c
Rough pomfret	Taractes asper	2014	3.70	0.00	POUND		b
Sailfish	Istiophorus platypterus	2014	7,849.00	7,475.40	POUND		
Scalloped hammerhead shark	Sphyrna lewini	2014	120.40	0.00	POUND		f
Sharks (unidentified)	Chondrichthyes	2014	317.50	0.00	POUND		

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Sharptail mola	Masturus lanceolatus	2014	396.00	0.00	POUND		
Shortbill spearfish	Tetrapturus angustirostris	2014	16,022.80	13,733.20	POUND		
Shortfin mako	Isurus oxyrinchus	2014	31,060.70	18,953.20	POUND		d
Shortnose lancetfish	Alepisaurus brevirostris	2014	7.00	7.00	POUND		
Sickle pomfret	Taractichthys steindachneri	2014	2,966.50	436.40	POUND		b
Silky shark	Carcharhinus falciformis	2014	47,412.60	20,591.30	POUND		e
Skipjack tuna - Central Western Pacific	Katsuwonus pelamis	2014	21,228.50	20,496.20	POUND		
Slender mola	Ranzania laevis	2014	24,442.00	23,586.50	POUND		
Smooth hammerhead shark	Sphyrna zygaena	2014	81.70	81.70	POUND		
Snake mackerel	Gempylus serpens	2014	7,184.40	1,922.50	POUND		c
Striped marlin - Central Western Pacific	Kajikia audax	2014	8,438.30	5,298.40	POUND		
Swordfish	Xiphias gladius	2014	2,047.50	1,174.90	POUND		
Tapertail ribbonfish	Trachipterus fukuzakii	2014	1,149.30	191.60	POUND		
Thresher sharks (unidentified)	Alopiidae	2014	3,172.00	0.00	POUND		a
Tunas	Scombridae	2014	11,292.20	11,231.30	POUND		
Wahoo - Pacific	Acanthocybium solandri	2014	16,379.80	12,550.20	POUND		
Yellowfin tuna - Central Western Pacific	Thunnus albacares	2014	30,435.10	13,464.50	POUND		
TOTAL FISHERY BYCATCH			752,135.40	276,182.00	POUND		
TOTAL FISHERY LANDINGS			4,794,237.00		POUND		
TOTAL CATCH (Bycatch + Landings)			5,546,372.40		POUND		
FISHERY BYCATCH RATIO (Bycatch/Total Catch)			0.14	0.05			

FOOTNOTES

a NMFS reported landings in the Hawaii and American Samoa longline fisheries for thresher sharks in general, and not by species. Landings in 2014 for the thresher shark family (Alopiidae) were 14,837 and zero lbs, respectively, for Hawaii and American Samoa fisheries. NMFS could not develop a bycatch ratio for thresher shark species, as the exact composition of the landings reported for Alopiidae spp. is unknown.

b NMFS reported landings in the Hawaii and American Samoa longline fisheries for profrets in general, and not by species. Landings in 2014 for the pomfret family (Bramidae) were 1,120,235 and 992 lbs, respectively, for Hawaii and American Samoa fisheries. NMFS could not develop a bycatch ratio for pomfret species, as the exact composition of the landings reported for Bramidae spp. is unknown.

c NMFS reported landings in the Hawaii and American Samoa longline fisheries for oilfishes in general, and not by species. Landings in 2014 for the snake mackerel family (Gempylidae) were 514,360 and 771 lbs, respectively, for Hawaii and American Samoa fisheries. NMFS could not develop a bycatch ratio for oilfishes, as the exact composition of the landings reported for Gempylidae spp. is unknown.

d NMFS reported landings in the Hawaii and American Samoa longline fisheries for mako sharks in general, and not by species. Landings in 2014 for the mako shark genus (Isurus) were 110,981 and 176 lbs, respectively, for Hawaii and American Samoa fisheries. NMFS could not develop a bycatch ratio for mako shark species, as the exact composition of the landings reported for Isurus spp. is unknown.

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e Retention of silky shark and oceanic white-tip shark are prohibited (80 FR8807, February 19, 2015).

f The Indo-West Pacific Distinct Population Segment (DPS) of the scalloped hammerhead shark (*Sphyrna lewini*) is listed as threatened, and the Eastern Pacific DPS of scalloped hammerhead is listed as endangered under the ESA (79 FR 38214, July 3, 2014).