

**TABLE 7.5.2a PACIFIC ISLANDS REGION FISH BYCATCH BY FISHERY (2012)** Fishery bycatch ratio = bycatch / (bycatch + landings).

COMMON NAME	SCIENTIFIC NAME	YEAR	BYCATCH (LIVE+DEAD)	BYCATCH (DEAD)	UNIT	CV	FOOTNOTE(S)
<b>American Samoa Pelagic Longline</b>							
Albacore - South Pacific	Thunnus alalunga	2012	59,506.20	56,774.90	POUND		
Bigeye thresher	Alopias superciliosus	2012	15,333.80	3,680.10	POUND		a
Bigeye tuna - Pacific	Thunnus obesus	2012	34,437.60	5,458.40	POUND		
Billfishes	Istiophoridae	2012	5,049.40	3,366.50	POUND		
Black gemfish	Nesiarchus nasutus	2012	143.40	23.90	POUND		
Black mackerel	Scombrobrax heterolepis	2012	21,548.10	13,334.00	POUND		
Blue marlin - Pacific	Makaira nigricans	2012	129,206.10	60,468.40	POUND		
Blue shark - South Pacific	Prionace glauca	2012	412,766.60	16,139.20	POUND		
Bony fishes (unidentified)	Osteichthyes	2012	22.10	14.70	POUND		
Brama pomfrets (unidentified)	Bramidae	2012	480.20	215.30	POUND		b
Brilliant pomfret	Eumegistus illustris	2012	409.30	163.70	POUND		b
Cottonmouth jacks (unidentified)	Uraspis	2012	18.30	18.30	POUND		
Crestfish	Lophotus lacepede	2012	1,945.90	690.40	POUND		
Dolphinfish - Pacific	Coryphaena hippurus	2012	9,262.20	2,510.10	POUND		
Driftfishes	Cubiceps	2012	14.50	0.00	POUND		
Escolar	Lepidocybium flavobrunneum	2012	121,161.60	16,671.80	POUND		c
Galapagos shark	Carcharhinus galapagensis	2012	2,140.40	0.00	POUND		
Great barracuda	Sphyrna barracuda	2012	7,431.70	1,396.40	POUND		
Hammerhead sharks	Sphyrna	2012	201.60	0.00	POUND		
Hammerjaw	Omosudis lowii	2012	200.20	200.20	POUND		
Knifetail pomfret	Taractes rubescens	2012	293.60	83.90	POUND		b
Longfin mako	Isurus paucus	2012	2,354.70	0.00	POUND		d
Longnose lancetfish	Alepisaurus ferox	2012	32,113.20	27,983.40	POUND		
Makos	Isurus	2012	512.10	0.00	POUND		d
Manta	Manta birostris	2012	2,552.00	0.00	POUND		
Mantas and/or mobulas (unidentified)	Mobula	2012	1,584.00	396.00	POUND		
Ocean sunfish	Mola mola	2012	1,847.00	0.00	POUND		
Oceanic whitetip shark	Carcharhinus longimanus	2012	12,995.00	4,758.80	POUND		
Oilfish	Ruvettus pretiosus	2012	8,222.90	391.40	POUND		c
Opah - Pacific	Lampris guttatus	2012	20,331.30	5,735.40	POUND		
Pelagic puffer	Lagocephalus lagocephalus	2012	304.30	152.20	POUND		
Pelagic stingray	Pteroplatytrygon violacea	2012	109,876.80	28,963.50	POUND		
Pompano dolphinfish	Coryphaena equiselis	2012	1.20	0.00	POUND		
Rainbow runner	Elagatis bipinnulata	2012	57.20	57.20	POUND		
Razorback scabbardfish	Assurger anzac	2012	635.30	381.20	POUND		
Roudi escolar	Promethichthys prometheus	2012	26,995.50	10,728.00	POUND		c

COMMON NAME	SCIENTIFIC NAME	YEAR	BYCATCH (LIVE+DEAD)	BYCATCH (DEAD)	UNIT	CV	FOOTNOTE(S)
Rough pomfret	Taractes asper	2012	21.00	0.00	POUND		b
Sailfish	Istiophorus platypterus	2012	3,815.90	2,384.90	POUND		
Scalloped ribbonfish	Zu cristatus	2012	35.80	0.00	POUND		
Sharks (unidentified)	Chondrichthyes	2012	1,610.40	0.00	POUND		
Shortbill spearfish	Tetrapturus angustirostris	2012	42,029.70	34,863.60	POUND		
Shortfin mako	Isurus oxyrinchus	2012	44,556.90	17,172.20	POUND		d
Sickle pomfret	Taractichthys steindachneri	2012	7,524.70	2,944.40	POUND		b
Silky shark	Carcharhinus falciformis	2012	35,611.10	18,628.10	POUND		
Skipjack tuna - Central Western Pacific	Katsuwonus pelamis	2012	99,875.30	96,399.70	POUND		
Slender mola	Ranzania laevis	2012	29,128.00	26,506.50	POUND		
Snake mackerel	Gempylus serpens	2012	23,621.00	8,371.30	POUND		c
Striped marlin - Central Western Pacific	Kajikia audax	2012	16,049.40	7,132.40	POUND		
Swordfish	Xiphias gladius	2012	4,158.20	2,714.40	POUND		
Tapertail ribbonfish	Trachipterus fukuzakii	2012	1,254.00	675.30	POUND		
Thresher sharks (unidentified)	Alopiidae	2012	3,109.70	777.40	POUND		a
Tunas	Scombridae	2012	39,779.90	39,600.90	POUND		
Wahoo - Pacific	Acanthocybium solandri	2012	58,136.10	52,496.90	POUND		
Yellowfin tuna - Central Western Pacific	Thunnus albacares	2012	46,137.40	17,453.80	POUND		
<b>TOTAL FISHERY BYCATCH</b>			1,498,409.80	588,879.10	POUND		
<b>TOTAL FISHERY LANDINGS</b>			9,184,468.00		POUND		
<b>TOTAL CATCH (Bycatch + Landings)</b>			10,682,877.80		POUND		
<b>FISHERY BYCATCH RATIO (Bycatch/Total Catch)</b>			0.14	0.06			
<b>Hawaii-Based Deep-Set Pelagic Longline Fishery for Tuna</b>							
Albacore - North Pacific	Thunnus alalunga	2012	10,348.90	8,602.00	POUND		
Bigeye thresher	Alopias superciliosus	2012	670,173.60	115,806.00	POUND		a
Bigeye tuna - Pacific	Thunnus obesus	2012	147,758.30	28,192.30	POUND		
Billfishes	Istiophoridae	2012	38,962.30	33,901.10	POUND		
Black gemfish	Nesiarchus nasutus	2012	180.00	120.00	POUND		
Black mackerel	Scombrolabrax heterolepis	2012	3,013.40	1,818.90	POUND		
Blue marlin - Pacific	Makaira nigricans	2012	10,835.30	7,223.90	POUND		
Blue shark - North Pacific	Prionace glauca	2012	5,097,787.20	197,284.40	POUND		
Bony fishes (other)	Osteichthyes	2012	816.40	444.40	POUND		
Bony fishes (unidentified)	Osteichthyes	2012	371.30	302.90	POUND		
Brama pomfrets (unidentified)	Bramidae	2012	9,039.30	3,613.00	POUND		b
Brilliant pomfret	Eumegistus illustris	2012	1,840.10	644.00	POUND		b
Cookiecutter shark	Isistius brasiliensis	2012	13.70	0.00	POUND		
Cottonmouth jacks (unidentified)	Uraspis	2012	44.40	33.30	POUND		
Crestfish	Lophotus lacepede	2012	2,535.20	1,120.30	POUND		
Crocodile shark	Pseudocarcharias kamoharai	2012	4,725.90	380.00	POUND		

Table 7.5.2a

COMMON NAME	SCIENTIFIC NAME	YEAR	BYCATCH (LIVE+DEAD)	BYCATCH (DEAD)	UNIT	CV	FOOTNOTE(S)
Deepwater dogfishes	Squalidae	2012	2,443.20	539.20	POUND		
Dolphinfish - Pacific	Coryphaena hippurus	2012	40,776.10	26,887.80	POUND		
Driftfishes	Cubiceps	2012	21.10	7.00	POUND		
Escolar	Lepidocybium flavobrunneum	2012	28,979.00	11,956.70	POUND		c
Galapagos shark	Carcharhinus galapagensis	2012	372.20	0.00	POUND		
Great barracuda	Sphyrna barracuda	2012	1,878.00	469.50	POUND		
Hammerjaw	Omosudis lowii	2012	550.00	550.00	POUND		
Knifetail pomfret	Taractes rubescens	2012	63,488.80	12,627.90	POUND		b
Longfin mako	Isurus paucus	2012	22,732.00	8,856.40	POUND		d
Longnose lancetfish	Alepisaurus ferox	2012	1,225,056.80	1,128,889.90	POUND		
Makos	Isurus	2012	7,095.40	417.20	POUND		d
Manta	Manta birostris	2012	968.00	0.00	POUND		
Mantas and/or mobulas (unidentified)	Mobula	2012	6,204.00	0.00	POUND		
Ocean sunfish	Mola mola	2012	7,203.50	0.00	POUND		
Oceanic whitetip shark	Carcharhinus longimanus	2012	30,845.40	6,674.90	POUND		
Oilfish	Ruvettus pretiosus	2012	6,873.50	1,220.70	POUND		c
Opah - Pacific	Lampris guttatus	2012	27,552.50	18,460.20	POUND		
Pelagic puffer	Lagocephalus lagocephalus	2012	2,592.40	795.60	POUND		
Pelagic stingray	Pteroplatytrygon violacea	2012	29,436.00	8,130.20	POUND		
Pelagic thresher	Alopias pelagicus	2012	26,647.20	13,179.70	POUND		a
Pompano dolphinfish	Coryphaena equiselis	2012	254.30	178.00	POUND		
Rainbow runner	Elagatis bipinnulata	2012	74.80	49.90	POUND		
Rays (unidentified)	Rajiformes	2012	79.20	0.00	POUND		
Razorback scabbardfish	Assurger anzac	2012	900.70	300.20	POUND		
Roudi escolar	Promethichthys prometheus	2012	47,631.90	14,113.30	POUND		c
Rough pomfret	Taractes asper	2012	1,212.10	51.60	POUND		b
Rough triggerfish	Canthidermis maculata	2012	22.00	22.00	POUND		
Sailfish	Istiophorus platypterus	2012	330.30	330.30	POUND		
Salmon shark	Lamna ditropis	2012	322.50	0.00	POUND		
Sandbar shark	Carcharhinus plumbeus	2012	372.40	124.10	POUND		
Scalloped hammerhead	Sphyrna lewini	2012	257.90	257.90	POUND		
Scalloped ribbonfish	Zu cristatus	2012	164.50	82.30	POUND		
Sharks (other)	Chondrichthyes	2012	45.40	0.00	POUND		
Sharks (unidentified)	Chondrichthyes	2012	19,100.50	857.60	POUND		
Sharptail mola	Masturus lanceolatus	2012	11,484.00	0.00	POUND		
Shortbill spearfish	Tetrapturus angustirostris	2012	22,957.80	20,143.10	POUND		
Shortfin mako	Isurus oxyrinchus	2012	217,129.20	43,252.10	POUND		d
Sickle pomfret	Taractichthys steindachneri	2012	8,065.40	3,397.90	POUND		b
Silky shark	Carcharhinus falciformis	2012	57,126.10	12,996.20	POUND		

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COMMON NAME	SCIENTIFIC NAME	YEAR	BYCATCH (LIVE+DEAD)	BYCATCH (DEAD)	UNIT	CV	FOOTNOTE(S)
Skipjack tuna - Central Western Pacific	Katsuwonus pelamis	2012	73,549.60	71,872.70	POUND		
Slender mola	Ranzania laevis	2012	17,402.00	9,907.00	POUND		
Smooth hammerhead	Sphyrna zygaena	2012	8,119.00	2,706.00	POUND		
Snake mackerel	Gempylus serpens	2012	185,453.90	80,783.70	POUND		c
Striped marlin - Central Western Pacific	Kajikia audax	2012	15,822.00	9,622.90	POUND		
Tapertail ribbonfish	Trachipterus fukuzakii	2012	2,678.70	1,674.20	POUND		
Thresher shark	Alopias vulpinus	2012	62.80	0.00	POUND		a
Thresher sharks (unidentified)	Alopiidae	2012	56,020.90	11,366.60	POUND		a
Tiger shark	Galeocerdo cuvier	2012	8,349.00	2,782.70	POUND		
Tunas	Scombridae	2012	18,928.90	18,239.90	POUND		
Unidentified puffers	Tetraodontidae	2012	30.40	15.20	POUND		
Unidentified snake mackerels	Gempylidae	2012	13.00	6.50	POUND		c
Wahoo - Pacific	Acanthocybium solandri	2012	7,620.70	6,969.90	POUND		
Yellowfin tuna - Central Western Pacific	Thunnus albacares	2012	32,949.70	15,160.10	POUND		
<b>TOTAL FISHERY BYCATCH</b>			8,344,692.00	1,966,413.30	POUND		
<b>TOTAL FISHERY LANDINGS</b>			23,010,699.00		POUND		
<b>TOTAL CATCH (Bycatch + Landings)</b>			31,355,391.00		POUND		
<b>FISHERY BYCATCH RATIO (Bycatch/Total Catch)</b>			0.27	0.06			
<b>Hawaii-Based Shallow-Set Pelagic Longline Fishery for Swordfish</b>							
Albacore - North Pacific	Thunnus alalunga	2012	3,919.60	1,948.00	POUND		
Bigeye thresher	Alopias superciliosus	2012	5,476.40	561.90	POUND		a
Bigeye tuna - Pacific	Thunnus obesus	2012	3,177.80	962.90	POUND		
Billfishes	Istiophoridae	2012	614.70	68.30	POUND		
Blue marlin - Pacific	Makaira nigricans	2012	200.30	0.00	POUND		
Blue shark - North Pacific	Prionace glauca	2012	230,556.50	16,484.80	POUND		
Bony fishes (other)	Osteichthyes	2012	73.40	33.60	POUND		
Bony fishes (unidentified)	Osteichthyes	2012	9.20	6.10	POUND		
Brama pomfrets (unidentified)	Bramidae	2012	603.90	368.70	POUND		b
Brilliant pomfret	Eumegistus illustris	2012	5.40	0.00	POUND		b
Cookiecutter shark	Isistius brasiliensis	2012	3.10	2.30	POUND		
Crestfish	Lophotus lacepede	2012	11.00	0.00	POUND		
Dolphinfish - Pacific	Coryphaena hippurus	2012	2,867.20	454.70	POUND		
Driftfishes	Cubiceps	2012	2.60	1.30	POUND		
Escolar	Lepidocybium flavobrunneum	2012	2,616.60	1,150.80	POUND		c
Knifetail pomfret	Taractes rubescens	2012	88.30	33.10	POUND		b
Longfin mako	Isurus paucus	2012	891.50	0.00	POUND		d
Longnose lancetfish	Alepisaurus ferrox	2012	10,222.40	8,941.50	POUND		
Makos	Isurus	2012	109.90	0.00	POUND		d
Mantas and/or mobulas (unidentified)	Mobula	2012	132.00	0.00	POUND		

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COMMON NAME	SCIENTIFIC NAME	YEAR	BYCATCH (LIVE+DEAD)	BYCATCH (DEAD)	UNIT	CV	FOOTNOTE(S)
Ocean sunfish	Mola mola	2012	9,680.00	219.70	POUND		
Oceanic whitetip shark	Carcharhinus longimanus	2012	4,017.70	174.80	POUND		
Oilfish	Ruvettus pretiosus	2012	5,156.90	733.30	POUND		c
Opah - Pacific	Lampris guttatus	2012	2,420.80	395.30	POUND		
Pelagic puffer	Lagocephalus lagocephalus	2012	56.90	0.00	POUND		
Pelagic stingray	Pteroplatytrygon violacea	2012	1,386.00	85.80	POUND		
Pelagic thresher	Alopias pelagicus	2012	49.30	0.00	POUND		a
Pompano dolphinfish	Coryphaena equiselis	2012	13.20	0.00	POUND		
Salmon shark	Lamna ditropis	2012	596.70	426.20	POUND		
Sandbar shark	Carcharhinus plumbeus	2012	41.50	0.00	POUND		
Scalloped hammerhead	Sphyrna lewini	2012	43.00	43.00	POUND		
Scalloped ribbonfish	Zu cristatus	2012	7.20	0.00	POUND		
Sharks (unidentified)	Chondrichthyes	2012	1,087.70	68.00	POUND		
Sharptail mola	Masturus lanceolatus	2012	132.00	0.00	POUND		
Shortbill spearfish	Tetrapturus angustirostris	2012	671.50	106.00	POUND		
Shortfin mako	Isurus oxyrinchus	2012	17,453.50	3,450.60	POUND		d
Sickle pomfret	Taractichthys steindachneri	2012	76.30	63.60	POUND		b
Silky shark	Carcharhinus falciformis	2012	41.10	0.00	POUND		
Skipjack tuna - Central Western Pacific	Katsuwonus pelamis	2012	13.30	13.30	POUND		
Slender mola	Ranzania laevis	2012	11.00	0.00	POUND		
Snake mackerel	Gempylus serpens	2012	1,255.50	600.00	POUND		c
Striped marlin - Central Western Pacific	Kajikia audax	2012	1,912.30	409.80	POUND		
Swordfish	Xiphias gladius	2012	42,046.20	27,359.50	POUND		
Tapertail ribbonfish	Trachipterus fukuzakii	2012	791.50	583.20	POUND		
Thresher shark	Alopias vulpinus	2012	467.10	233.60	POUND		a
Thresher sharks (unidentified)	Alopiidae	2012	421.30	140.40	POUND		a
Tiger shark	Galeocerdo cuvier	2012	3,472.90	868.20	POUND		
Tunas	Scombridae	2012	46.00	32.90	POUND		
Wahoo - Pacific	Acanthocybium solandri	2012	36.70	18.30	POUND		
Yellowfin tuna - Central Western Pacific	Thunnus albacares	2012	500.00	117.70	POUND		
<b>TOTAL FISHERY BYCATCH</b>			355,486.90	67,161.20	POUND		
<b>TOTAL FISHERY LANDINGS</b>			2,815,917.00		POUND		
<b>TOTAL CATCH (Bycatch + Landings)</b>			3,171,403.90		POUND		
<b>FISHERY BYCATCH RATIO (Bycatch/Total Catch)</b>			0.11	0.02			

#### FOOTNOTES

a Landings in the Hawaii and American Samoa-based longline fisheries were not reported by thresher shark species, but were reported for thresher sharks in general. Landings for the year 2011 for the thresher shark family (*Alopiidae*) were 44,315 and 573 pounds, respectively, for Hawaii and American Samoa fisheries. A bycatch ratio for thresher shark species could not be developed as the exact composition of the landings reported for *Alopiidae* spp. is unknown.

b Landings in the Hawaii and American Samoa-based longline fisheries were not reported by pomfret species, but were reported for pomfrets in general. Landings for the year 2011 for the pomfret family (*Bramidae*) were 427,365 and 1,058 pounds, respectively, for Hawaii and American Samoa fisheries. A bycatch ratio for pomfret species could not be developed as the exact composition of the landings reported for *Bramidae* spp. is unknown.

c Landings in the Hawaii and American Samoa-based longline fisheries were not reported by oilfishes, but were reported for oilfishes in general. Landings for the year 2011 for the snake mackerel family (*Gempylidae*) were 647,341 and 1,653 pounds, respectively, for Hawaii and American Samoa fisheries. A bycatch ratio for oilfishes could not be developed as the exact composition of the landings reported for *Gempylidae* spp. is unknown.

d Landings in the Hawaii and American Samoa-based longline fisheries were not reported by mako shark species, but were reported for mako sharks in general. Landings for the year 2011 for the mako shark genus (*Isurus*) were 131,482 and 353 pounds, respectively, for Hawaii and American Samoa fisheries. A bycatch ratio for mako shark species could not be developed as the exact composition of the landings reported for *Isurus* spp. is unknown.