

TABLE 7.5.3b PACIFIC ISLANDS REGION FISH BYCATCH BY STOCKS AND SPECIES (2013) Species bycatch ratio = total regional bycatch of a species / (total regional landings of the species + total regional bycatch of the species). Landings data were not available at the stock level. Bycatch ratio cells are left blank when landings = 0.

COMMON NAME	SCIENTIFIC NAME	YEAR	BYCATCH POUNDS	BYCATCH INDIVIDUALS	BYCATCH RATIO	DEAD BYCATCH POUNDS	DEAD BYCATCH RATIO	LANDINGS TOTAL	FOOTNOTE(S)
ALBACORE									
Albacore - North Pacific	Thunnus alalunga	2013	10,494.30			8,659.50			
Albacore - South Pacific	Thunnus alalunga	2013	34,152.50			32,144.40			
Albacore - landings	Thunnus alalunga				<0.01		<0.01	5,496,721.00	
ALBACORE (Subtotal)			44,646.80	0.00		40,803.90		5,496,721.00	
BIGEYE SAND TIGER SHARK									
Bigeye sand tiger shark	Odontaspis noronhai	2013	575.30			0.00			
Bigeye sand tiger shark - landings									
BIGEYE SAND TIGER SHARK (Subtotal)			575.30	0.00		0.00		0.00	
BIGEYE THRESHER									
Bigeye thresher	Alopias superciliosus	2013	671,232.50			120,946.50			a
Bigeye thresher - landings									
BIGEYE THRESHER (Subtotal)			671,232.50	0.00		120,946.50		0.00	
BIGEYE TUNA									
Bigeye tuna - Pacific	Thunnus obesus	2013	245,113.40			53,376.60			
Bigeye tuna - landings	Thunnus obesus				0.02		<0.01	15,881,116.00	
BIGEYE TUNA (Subtotal)			245,113.40	0.00		53,376.60		15,881,116.00	
BILLFISHES (GROUP)									
Billfishes (group)	Istiophoridae	2013	43,206.30			30,689.50			
Billfishes (group) - landings	Istiophoridae								
BILLFISHES (GROUP) (Subtotal)			43,206.30	0.00		30,689.50		0.00	
BLACK GEMFISH									
Black gemfish	Nesiarctus nasutus	2013	1,235.50			354.50			
Black gemfish - landings									
BLACK GEMFISH (Subtotal)			1,235.50	0.00		354.50		0.00	
BLACK MACKEREL									
Black mackerel	Scombrobrax heterolepis	2013	17,283.00			9,903.00			
Black mackerel - landings									
BLACK MACKEREL (Subtotal)			17,283.00	0.00		9,903.00		0.00	
BLUE MARLIN									
Blue marlin - Pacific	Makaira nigricans	2013	83,418.80			44,053.00			
Blue marlin - landings	Makaira nigricans				0.08		0.04	1,014,775.00	
BLUE MARLIN (Subtotal)			83,418.80	0.00		44,053.00		1,014,775.00	
BLUE SHARK									
Blue shark - North Pacific	Prionace glauca	2013	5,495,455.70			238,815.70			
Blue shark - South Pacific	Prionace glauca	2013	190,896.40			4,886.90			
Blue shark - landings	Prionace glauca				1.00		0.99	2,006.00	
BLUE SHARK (Subtotal)			5,686,352.10	0.00		243,702.60		2,006.00	
BONY FISHES (OTHER) (GROUP)									
Bony fishes (other) (group)	Osteichthyes	2013	1,103.80			574.10			
Bony fishes (other) (group) - landings	Osteichthyes								
BONY FISHES (OTHER) (GROUP) (Subtotal)			1,103.80	0.00		574.10		0.00	
BONY FISHES (UNIDENTIFIED) (GROUP)									
Bony fishes (unidentified) (group)	Osteichthyes	2013	801.70			575.60			
Bony fishes (unidentified) (group) - landings	Osteichthyes								
BONY FISHES (UNIDENTIFIED) (GROUP) (Subtotal)			801.70	0.00		575.60		0.00	
BRAMA POMFRETS (UNIDENTIFIED) (GROUP)									
Brama pomfrets (unidentified) (group)	Bramidae	2013	9,170.70			3,306.30			b
Brama pomfrets (unidentified) (group) - landings	Bramidae								
BRAMA POMFRETS (UNIDENTIFIED) (GROUP) (Subtotal)			9,170.70	0.00		3,306.30		0.00	
BRILLIANT POMFRET									
Brilliant pomfret	Eumegistus illustris	2013	2,944.20			1,068.40			b
Brilliant pomfret - landings									

COMMON NAME	SCIENTIFIC NAME	YEAR	BYCATCH POUNDS	BYCATCH INDIVIDUALS	BYCATCH RATIO	DEAD BYCATCH POUNDS	DEAD BYCATCH RATIO	LANDINGS TOTAL	FOOTNOTE(S)
BRILLIANT POMFRET (Subtotal)			2,944.20	0.00		1,068.40		0.00	
COOKIECUTTER SHARK									
Cookiecutter shark	Isistius brasiliensis	2013	6.20			4.60			
Cookiecutter shark - landings									
COOKIECUTTER SHARK (Subtotal)			6.20	0.00		4.60		0.00	
COTTONMOUTH JACKS (UNIDENTIFIED) (GROUP)									
Cottonmouth jacks (unidentified) (group)	Uraspis	2013	30.10			18.40			
Cottonmouth jacks (unidentified) (group) - landings	Uraspis								
COTTONMOUTH JACKS (UNIDENTIFIED) (GROUP) (Subtotal)			30.10	0.00		18.40		0.00	
CRESTFISH									
Crestfish	Lophotus lacepede	2013	3,873.20			1,821.40			
Crestfish - landings									
CRESTFISH (Subtotal)			3,873.20	0.00		1,821.40		0.00	
CROCODILE SHARK									
Crocodile shark	Pseudocarcharias kamoharai	2013	6,249.90			578.40			
Crocodile shark - landings									
CROCODILE SHARK (Subtotal)			6,249.90	0.00		578.40		0.00	
DEEPWATER DOGFISHES (GROUP)									
Deepwater dogfishes (group)	Squalidae	2013	3,782.80			1,301.50			
Deepwater dogfishes (group) - landings	Squalidae								
DEEPWATER DOGFISHES (GROUP) (Subtotal)			3,782.80	0.00		1,301.50		0.00	
DOLPHINFISH									
Dolphinfish - Pacific	Coryphaena hippurus	2013	62,164.40			34,750.80			
Dolphinfish - landings	Coryphaena hippurus				0.60		0.45	41,733.00	
DOLPHINFISH (Subtotal)			62,164.40	0.00		34,750.80		41,733.00	
DRIFTFISHES (GROUP)									
Driftfishes (group)	Cubiceps	2013	101.60			33.30			
Driftfishes (group) - landings	Cubiceps								
DRIFTFISHES (GROUP) (Subtotal)			101.60	0.00		33.30		0.00	
ESCOLAR									
Escolar	Lepidocybium flavobrunneum	2013	143,778.70			28,771.60			c
Escolar - landings	Lepidocybium flavobrunneum				see footnote		see footnote	9,728.00	
ESCOLAR (Subtotal)			143,778.70	0.00		28,771.60		9,728.00	
GALAPAGOS SHARK									
Galapagos shark	Carcharhinus galapagensis	2013	651.40			0.00			
Galapagos shark - landings									
GALAPAGOS SHARK (Subtotal)			651.40	0.00		0.00		0.00	
GREAT BARRACUDA									
Great barracuda	Sphyrna barracuda	2013	10,328.00			2,622.60			
Great barracuda - landings	Sphyrna barracuda				0.99		0.96	110.00	
GREAT BARRACUDA (Subtotal)			10,328.00	0.00		2,622.60		110.00	
HAMMERHEAD SHARKS (GROUP)									
Hammerhead sharks (group)	Sphyrna	2013	1,186.50			593.30			
Hammerhead sharks (group) - landings	Sphyrna								
HAMMERHEAD SHARKS (GROUP) (Subtotal)			1,186.50	0.00		593.30		0.00	
HAMMERJAW									
Hammerjaw	Omosudis lowii	2013	1,304.60			1,205.00			
Hammerjaw - landings									
HAMMERJAW (Subtotal)			1,304.60	0.00		1,205.00		0.00	
KNIFETAILED POMFRET									
Knifetail pomfret	Taractes rubescens	2013	106,241.40			17,852.30			b
Knifetail pomfret - landings									
KNIFETAILED POMFRET (Subtotal)			106,241.40	0.00		17,852.30		0.00	
LONGFIN MAKO									
Longfin mako	Isurus paucus	2013	16,907.00			2,232.60			d
Longfin mako - landings									

Table 7.5.3b

COMMON NAME	SCIENTIFIC NAME	YEAR	BYCATCH POUNDS	BYCATCH INDIVIDUALS	BYCATCH RATIO	DEAD BYCATCH POUNDS	DEAD BYCATCH RATIO	LANDINGS TOTAL	FOOTNOTE(S)
LONGFIN MAKO (Subtotal)			16,907.00	0.00		2,232.60		0.00	
LONGNOSE LANCETFISH									
Longnose lancetfish	Alepisaurus ferox	2013	1,660,624.10			1,538,693.70			
Longnose lancetfish - landings									
LONGNOSE LANCETFISH (Subtotal)			1,660,624.10	0.00		1,538,693.70		0.00	
MAKOS (GROUP)									
Makos (group)	Isurus	2013	5,749.00			2,114.60			d
Makos (group) - landings	Isurus								
MAKOS (GROUP) (Subtotal)			5,749.00	0.00		2,114.60		0.00	
MANTA									
Manta	Manta birostris	2013	1,144.00			0.00			
Manta - landings									
MANTA (Subtotal)			1,144.00	0.00		0.00		0.00	
MANTAS AND/OR MOBULAS (UNIDENTIFIED) (GROUP)									
Mantas and/or mobulas (unidentified) (group)	Mobula	2013	6,996.00			0.00			
Mantas and/or mobulas (unidentified) (group) - landings	Mobula								
MANTAS AND/OR MOBULAS (UNIDENTIFIED) (GROUP) (Subtotal)			6,996.00	0.00		0.00		0.00	
OCEAN SUNFISH									
Ocean sunfish	Mola mola	2013	19,548.40			439.80			
Ocean sunfish - landings	Mola mola				1.00		0.87	67.00	
OCEAN SUNFISH (Subtotal)			19,548.40	0.00		439.80		67.00	
OCEANIC WHITETIP SHARK									
Oceanic whitetip shark	Carcharhinus longimanus	2013	49,815.30			8,434.80			
Oceanic whitetip shark - landings									
OCEANIC WHITETIP SHARK (Subtotal)			49,815.30	0.00		8,434.80		0.00	
OILFISH									
Oilfish	Ruvettus pretiosus	2013	22,365.50			2,894.80			c
Oilfish - landings	Ruvettus pretiosus				see footnote		see footnote	579,596.00	
OILFISH (Subtotal)			22,365.50	0.00		2,894.80		579,596.00	
OPAH									
Opah - Pacific	Lampris guttatus	2013	68,582.40			33,183.80			
Opah - landings	Lampris guttatus				0.03		0.02	2,071,806.00	
OPAH (Subtotal)			68,582.40	0.00		33,183.80		2,071,806.00	
PELAGIC PUFFER									
Pelagic puffer	Lagocephalus lagocephalus	2013	2,168.50			601.30			
Pelagic puffer - landings									
PELAGIC PUFFER (Subtotal)			2,168.50	0.00		601.30		0.00	
PELAGIC STINGRAY									
Pelagic stingray	Pteroplatytrygon violacea	2013	70,705.80			4,690.00			
Pelagic stingray - landings									
PELAGIC STINGRAY (Subtotal)			70,705.80	0.00		4,690.00		0.00	
PELAGIC THRESHER									
Pelagic thresher	Alopias pelagicus	2013	13,840.80			2,049.80			a
Pelagic thresher - landings									
PELAGIC THRESHER (Subtotal)			13,840.80	0.00		2,049.80		0.00	
POMPANO DOLPHINFISH									
Pompano dolphinfish	Coryphaena equiselis	2013	907.50			731.20			
Pompano dolphinfish - landings									
POMPANO DOLPHINFISH (Subtotal)			907.50	0.00		731.20		0.00	
RAINBOW RUNNER									
Rainbow runner	Elagatis bipinnulata	2013	22.00			22.00			
Rainbow runner - landings	Elagatis bipinnulata				<0.01		<0.01	2,685.00	
RAINBOW RUNNER (Subtotal)			22.00	0.00		22.00		2,685.00	
RAYS (UNIDENTIFIED) (GROUP)									
Rays (unidentified) (group)	Rajiformes	2013	200.80			0.00			
Rays (unidentified) (group) - landings	Rajiformes								

Table 7.5.3b

COMMON NAME	SCIENTIFIC NAME	YEAR	BYCATCH POUNDS	BYCATCH INDIVIDUALS	BYCATCH RATIO	DEAD BYCATCH POUNDS	DEAD BYCATCH RATIO	LANDINGS TOTAL	FOOTNOTE(S)
RAYS (UNIDENTIFIED) (GROUP) (Subtotal)			200.80	0.00		0.00		0.00	
RAZORBACK SCABBARDFISH									
Razorback scabbardfish	Assurger anzac	2013	1,149.80			717.80			
Razorback scabbardfish - landings									
RAZORBACK SCABBARDFISH (Subtotal)			1,149.80	0.00		717.80		0.00	
ROUDI ESCOLAR									
Roudi escolar	Promethichthys prometheus	2013	147,318.80			51,128.80			c
Roudi escolar - landings									
ROUDI ESCOLAR (Subtotal)			147,318.80	0.00		51,128.80		0.00	
ROUGH POMFRET									
Rough pomfret	Taractes asper	2013	3,150.40			345.00			b
Rough pomfret - landings									
ROUGH POMFRET (Subtotal)			3,150.40	0.00		345.00		0.00	
SAILFISH									
Sailfish	Istiophorus platypterus	2013	8,082.20			7,418.60			
Sailfish - landings	Istiophorus platypterus				0.34		0.33	15,425.00	
SAILFISH (Subtotal)			8,082.20	0.00		7,418.60		15,425.00	
SALMON SHARK									
Salmon shark	Lamna ditropis	2013	1,085.00			511.40			
Salmon shark - landings									
SALMON SHARK (Subtotal)			1,085.00	0.00		511.40		0.00	
SANDBAR SHARK									
Sandbar shark	Carcharhinus plumbeus	2013	747.00			20.70			
Sandbar shark - landings									
SANDBAR SHARK (Subtotal)			747.00	0.00		20.70		0.00	
SCALLOPED HAMMERHEAD									
Scalloped hammerhead	Sphyrna lewini	2013	215.00			215.00			
Scalloped hammerhead - landings									
SCALLOPED HAMMERHEAD (Subtotal)			215.00	0.00		215.00		0.00	
SCALLOPED RIBBONFISH									
Scalloped ribbonfish	Zu cristatus	2013	114.50			38.10			
Scalloped ribbonfish - landings									
SCALLOPED RIBBONFISH (Subtotal)			114.50	0.00		38.10		0.00	
SHARKS (UNIDENTIFIED) (GROUP)									
Sharks (unidentified) (group)	Chondrichthyes	2013	14,063.30			1,209.90			
Sharks (unidentified) (group) - landings	Chondrichthyes								
SHARKS (UNIDENTIFIED) (GROUP) (Subtotal)			14,063.30	0.00		1,209.90		0.00	
SHARPTAIL MOLA									
Sharptail mola	Masturus lanceolatus	2013	17,160.00			0.00			
Sharptail mola - landings									
SHARPTAIL MOLA (Subtotal)			17,160.00	0.00		0.00		0.00	
SHORTBILL SPEARFISH									
Shortbill spearfish	Tetrapturus angustirostris	2013	69,934.80			57,165.30			
Shortbill spearfish - landings	Tetrapturus angustirostris				0.96		0.96	2,623.00	
SHORTBILL SPEARFISH (Subtotal)			69,934.80	0.00		57,165.30		2,623.00	
SHORTFIN MAKO									
Shortfin mako	Isurus oxyrinchus	2013	402,398.50			80,371.80			d
Shortfin mako - landings									
SHORTFIN MAKO (Subtotal)			402,398.50	0.00		80,371.80		0.00	
SICKLE POMFRET									
Sickle pomfret	Taractichthys steindachneri	2013	21,231.70			5,911.30			b
Sickle pomfret - landings									
SICKLE POMFRET (Subtotal)			21,231.70	0.00		5,911.30		0.00	
SILKY SHARK									
Silky shark	Carcharhinus falciformis	2013	81,902.60			15,115.20			
Silky shark - landings	Carcharhinus falciformis				1.00		0.98	331.00	

Table 7.5.3b

COMMON NAME	SCIENTIFIC NAME	YEAR	BYCATCH POUNDS	BYCATCH INDIVIDUALS	BYCATCH RATIO	DEAD BYCATCH POUNDS	DEAD BYCATCH RATIO	LANDINGS TOTAL	FOOTNOTE(S)
SILKY SHARK (Subtotal)			81,902.60	0.00		15,115.20		331.00	
SKIPJACK TUNA									
Skipjack tuna - Central Western Pacific	Katsuwonus pelamis	2013	99,414.40			97,664.70			
Skipjack tuna - landings	Katsuwonus pelamis				0.09		0.08	1,074,509.00	
SKIPJACK TUNA (Subtotal)			99,414.40	0.00		97,664.70		1,074,509.00	
SLENDER MOLA									
Slender mola	Ranzania laevis	2013	68,684.00			57,911.90			
Slender mola - landings									
SLENDER MOLA (Subtotal)			68,684.00	0.00		57,911.90		0.00	
SMOOTH HAMMERHEAD									
Smooth hammerhead	Sphyrna zygaena	2013	19,630.70			9,076.70			
Smooth hammerhead - landings									
SMOOTH HAMMERHEAD (Subtotal)			19,630.70	0.00		9,076.70		0.00	
SNAKE MACKEREL									
Snake mackerel	Gempylus serpens	2013	287,299.10			115,683.80			c
Snake mackerel - landings									
SNAKE MACKEREL (Subtotal)			287,299.10	0.00		115,683.80		0.00	
STRIPED MARLIN									
Striped marlin - Central Western Pacific	Kajikia audax	2013	35,689.20			21,295.60			
Striped marlin - landings	Kajikia audax				0.04		0.02	991,287.00	
STRIPED MARLIN (Subtotal)			35,689.20	0.00		21,295.60		991,287.00	
SWORDFISH									
Swordfish	Xiphus gladius	2013	34,298.70			23,017.00			
Swordfish - landings	Xiphus gladius				0.02		0.01	1,697,353.00	
SWORDFISH (Subtotal)			34,298.70	0.00		23,017.00		1,697,353.00	
TAPERTAIL RIBBONFISH									
Tapertail ribbonfish	Trachipterus fukuzakii	2013	5,746.10			2,804.90			
Tapertail ribbonfish - landings									
TAPERTAIL RIBBONFISH (Subtotal)			5,746.10	0.00		2,804.90		0.00	
THRESHER SHARK									
Thresher shark	Alopias vulpinus	2013	467.10			233.60			a
Thresher shark - landings	Alopias vulpinus				see footnote		see footnote	11,144.00	
THRESHER SHARK (Subtotal)			467.10	0.00		233.60		11,144.00	
THRESHER SHARKS (UNIDENTIFIED) (GROUP)									
Thresher sharks (unidentified) (group)	Alopiidae	2013	56,552.80			7,045.80			a
Thresher sharks (unidentified) (group) - landings	Alopiidae								
THRESHER SHARKS (UNIDENTIFIED) (GROUP) (Subtotal)			56,552.80	0.00		7,045.80		0.00	
TIGER SHARK									
Tiger shark	Galeocerdo cuvier	2013	19,547.70			5,936.50			
Tiger shark - landings									
TIGER SHARK (Subtotal)			19,547.70	0.00		5,936.50		0.00	
TUNAS (GROUP)									
Tunas (group)	Scombridae	2013	38,240.20			36,439.50			
Tunas (group) - landings	Scombridae								
TUNAS (GROUP) (Subtotal)			38,240.20	0.00		36,439.50		0.00	
UNIDENTIFIED PUFFERS (GROUP)									
Unidentified puffers (group)	Tetraodontidae	2013	38.70			25.80			
Unidentified puffers (group) - landings	Tetraodontidae								
UNIDENTIFIED PUFFERS (GROUP) (Subtotal)			38.70	0.00		25.80		0.00	
UNIDENTIFIED SNAKE MACKERELS (GROUP)									
Unidentified snake mackerels (group)	Gempylidae	2013	5.20			5.20			c
Unidentified snake mackerels (group) - landings	Gempylidae								
UNIDENTIFIED SNAKE MACKERELS (GROUP) (Subtotal)			5.20	0.00		5.20		0.00	
WAHOO									
Wahoo - Pacific	Acanthocybium solandri	2013	50,506.50			46,944.80			
Wahoo - landings	Acanthocybium solandri				0.05		0.05	941,769.00	

Table 7.5.3b

COMMON NAME	SCIENTIFIC NAME	YEAR	BYCATCH POUNDS	BYCATCH INDIVIDUALS	BYCATCH RATIO	DEAD BYCATCH POUNDS	DEAD BYCATCH RATIO	LANDINGS TOTAL	FOOTNOTE(S)
WAHOO (Subtotal)			50,506.50	0.00		46,944.80		941,769.00	
YELLOWFIN TUNA									
Yellowfin tuna - Central Western Pacific	Thunnus albacares	2013	57,934.40			26,961.60			
Yellowfin tuna - landings	Thunnus albacares				0.01		<0.01	4,323,173.00	
YELLOWFIN TUNA (Subtotal)			57,934.40	0.00		26,961.60		4,323,173.00	
GRAND TOTAL			10,628,968.40	0.00		2,906,211.90		34,157,957.00	

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.