

TABLE 7.5.1b PACIFIC ISLANDS REGION FISH BYCATCH BY STOCKS AND SPECIES (2011) 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	2011	46,692.90			30,848.60			
Albacore - South Pacific	Thunnus alalunga	2011	73,551.80			68,410.50			
Albacore - landings	Thunnus alalunga				0.02		0.01	6,770,398.00	
ALBACORE (Subtotal)			120,244.70	0.00		99,259.10		6,770,398.00	
BIGEYE THRESHER									
Bigeye thresher	Alopias superciliosus	2011	513,469.50			103,432.20			a
Bigeye thresher - landings									
BIGEYE THRESHER (Subtotal)			513,469.50	0.00		103,432.20		0.00	
BIGEYE TUNA									
Bigeye tuna - Pacific	Thunnus obesus	2011	206,153.70			49,921.60			
Bigeye tuna - landings	Thunnus obesus				0.02		<0.01	13,277,017.00	
BIGEYE TUNA (Subtotal)			206,153.70	0.00		49,921.60		13,277,017.00	
BILLFISHES (GROUP)									
Billfishes (group)	Istiophoridae	2011	40,678.40			30,612.60			
Billfishes (group) - landings	Istiophoridae								
BILLFISHES (GROUP) (Subtotal)			40,678.40	0.00		30,612.60		0.00	
BLACK GEMFISH									
Black gemfish	Nesiarctus nasutus	2011	395.90			202.80			
Black gemfish - landings									
BLACK GEMFISH (Subtotal)			395.90	0.00		202.80		0.00	
BLACK MACKEREL									
Black mackerel	Scombrobrax heterolepis	2011	24,413.80			14,457.40			
Black mackerel - landings									
BLACK MACKEREL (Subtotal)			24,413.80	0.00		14,457.40		0.00	
BLUE MARLIN									
Blue marlin - Pacific	Makaira nigricans	2011	129,257.20			64,335.00			
Blue marlin - landings	Makaira nigricans				0.11		0.06	1,004,275.00	
BLUE MARLIN (Subtotal)			129,257.20	0.00		64,335.00		1,004,275.00	
BLUE SHARK									
Blue shark - North Pacific	Prionace glauca	2011	6,015,577.90			276,581.50			
Blue shark - South Pacific	Prionace glauca	2011	287,159.70			21,163.70			
Blue shark - landings	Prionace glauca				1.00		0.98	5,203.00	
BLUE SHARK (Subtotal)			6,302,737.60	0.00		297,745.20		5,203.00	
BONY FISHES (OTHER) (GROUP)									
Bony fishes (other) (group)	Osteichthyes	2011	835.10			466.50			
Bony fishes (other) (group) - landings	Osteichthyes								
BONY FISHES (OTHER) (GROUP) (Subtotal)			835.10	0.00		466.50		0.00	
BONY FISHES (UNIDENTIFIED) (GROUP)									
Bony fishes (unidentified) (group)	Osteichthyes	2011	402.60			273.20			
Bony fishes (unidentified) (group) - landings	Osteichthyes								
BONY FISHES (UNIDENTIFIED) (GROUP) (Subtotal)			402.60	0.00		273.20		0.00	
BRAMA POMFRETS (UNIDENTIFIED) (GROUP)									
Brama pomfrets (unidentified) (group)	Bramidae	2011	6,287.50			2,821.60			b
Brama pomfrets (unidentified) (group) - landings	Bramidae								
BRAMA POMFRETS (UNIDENTIFIED) (GROUP) (Subtotal)			6,287.50	0.00		2,821.60		0.00	
BRILLIANT POMFRET									
Brilliant pomfret	Eumegistus illustris	2011	1,172.00			316.80			b
Brilliant pomfret - landings									
BRILLIANT POMFRET (Subtotal)			1,172.00	0.00		316.80		0.00	
COOKIECUTTER SHARK									
Cookiecutter shark	Isistius brasiliensis	2011	5.40			0.00			
Cookiecutter shark - landings									

COMMON NAME	SCIENTIFIC NAME	YEAR	BYCATCH POUNDS	BYCATCH INDIVIDUALS	BYCATCH RATIO	DEAD BYCATCH POUNDS	DEAD BYCATCH RATIO	LANDINGS TOTAL	FOOTNOTE(S)
COOKIECUTTER SHARK (Subtotal)			5.40	0.00		0.00		0.00	
COTTONMOUTH JACKS (UNIDENTIFIED) (GROUP)									
Cottonmouth jacks (unidentified) (group)	Uraspis	2011	23.40			23.40			
Cottonmouth jacks (unidentified) (group) - landings	Uraspis								
COTTONMOUTH JACKS (UNIDENTIFIED) (GROUP) (Subtotal)			23.40	0.00		23.40		0.00	
CRESTFISH									
Crestfish	Lophotus lacepede	2011	4,440.50			1,618.40			
Crestfish - landings									
CRESTFISH (Subtotal)			4,440.50	0.00		1,618.40		0.00	
CROCODILE SHARK									
Crocodile shark	Pseudocarcharias kamoharai	2011	3,870.00			929.00			
Crocodile shark - landings									
CROCODILE SHARK (Subtotal)			3,870.00	0.00		929.00		0.00	
DEEPWATER DOGFISHES (GROUP)									
Deepwater dogfishes (group)	Squalidae	2011	2,099.80			597.20			
Deepwater dogfishes (group) - landings	Squalidae								
DEEPWATER DOGFISHES (GROUP) (Subtotal)			2,099.80	0.00		597.20		0.00	
DOLPHINFISH									
Dolphinfish - Pacific	Coryphaena hippurus	2011	68,222.50			37,383.70			
Dolphinfish - landings	Coryphaena hippurus				0.74		0.61	23,523.00	
DOLPHINFISH (Subtotal)			68,222.50	0.00		37,383.70		23,523.00	
DRIFTFISHES (GROUP)									
Driftfishes (group)	Cubiceps	2011	100.30			34.80			
Driftfishes (group) - landings	Cubiceps								
DRIFTFISHES (GROUP) (Subtotal)			100.30	0.00		34.80		0.00	
ESCOLAR									
Escolar	Lepidocybium flavobrunneum	2011	135,123.60			35,047.60			c
Escolar - landings	Lepidocybium flavobrunneum				see footnote		see footnote	16,812.00	
ESCOLAR (Subtotal)			135,123.60	0.00		35,047.60		16,812.00	
GALAPAGOS SHARK									
Galapagos shark	Carcharhinus galapagensis	2011	7,258.70			1,451.60			
Galapagos shark - landings									
GALAPAGOS SHARK (Subtotal)			7,258.70	0.00		1,451.60		0.00	
GREAT BARRACUDA									
Great barracuda	Sphyrna barracuda	2011	10,381.70			2,602.20			
Great barracuda - landings	Sphyrna barracuda				0.94		0.81	617.00	
GREAT BARRACUDA (Subtotal)			10,381.70	0.00		2,602.20		617.00	
HAMMERHEAD SHARKS (GROUP)									
Hammerhead sharks (group)	Sphyrna	2011	2,946.30			560.90			
Hammerhead sharks (group) - landings	Sphyrna								
HAMMERHEAD SHARKS (GROUP) (Subtotal)			2,946.30	0.00		560.90		0.00	
HAMMERJAW									
Hammerjaw	Omosudis lowii	2011	926.20			904.10			
Hammerjaw - landings									
HAMMERJAW (Subtotal)			926.20	0.00		904.10		0.00	
KNIFETAIL POMFRET									
Knifetail pomfret	Taractes rubescens	2011	38,090.70			9,545.60			b
Knifetail pomfret - landings									
KNIFETAIL POMFRET (Subtotal)			38,090.70	0.00		9,545.60		0.00	
LONGFIN MAKO									
Longfin mako	Isurus paucus	2011	9,826.50			1,262.10			d
Longfin mako - landings									
LONGFIN MAKO (Subtotal)			9,826.50	0.00		1,262.10		0.00	
LONGNOSE LANCETFISH									
Longnose lancetfish	Alepisaurus ferax	2011	1,209,314.40			1,109,340.50			
Longnose lancetfish - landings									

COMMON NAME	SCIENTIFIC NAME	YEAR	BYCATCH POUNDS	BYCATCH INDIVIDUALS	BYCATCH RATIO	DEAD BYCATCH POUNDS	DEAD BYCATCH RATIO	LANDINGS TOTAL	FOOTNOTE(S)
LONGNOSE LANCETFISH (Subtotal)			1,209,314.40	0.00		1,109,340.50		0.00	
MAKOS (GROUP)									
Makos (group)	Isurus	2011	6,811.20			884.90			d
Makos (group) - landings	Isurus								
MAKOS (GROUP) (Subtotal)			6,811.20	0.00		884.90		0.00	
MANTA									
Manta	Manta birostris	2011	1,672.00			176.00			
Manta - landings									
MANTA (Subtotal)			1,672.00	0.00		176.00		0.00	
MANTA AND/OR MOBULA (UNIDENTIFIED) (GROUP)									
Manta and/or mobula (unidentified) (group)	Mobulidae	2011	264.00			0.00			
Manta and/or mobula (unidentified) (group) - landings	Mobulidae								
MANTA AND/OR MOBULA (UNIDENTIFIED) (GROUP) (Subtotal)			264.00	0.00		0.00		0.00	
MANTAS AND/OR MOBULAS (UNIDENTIFIED) (GROUP)									
Mantas and/or mobulas (unidentified) (group)	Mobula	2011	2,508.00			0.00			
Mantas and/or mobulas (unidentified) (group) - landings	Mobula								
MANTAS AND/OR MOBULAS (UNIDENTIFIED) (GROUP) (Subtotal)			2,508.00	0.00		0.00		0.00	
OCEAN SUNFISH									
Ocean sunfish	Mola mola	2011	17,003.80			725.50			
Ocean sunfish - landings	Mola mola				0.99		0.77	213.00	
OCEAN SUNFISH (Subtotal)			17,003.80	0.00		725.50		213.00	
OCEANIC WHITETIP SHARK									
Oceanic whitetip shark	Carcharhinus longimanus	2011	63,400.90			12,049.50			
Oceanic whitetip shark - landings	Carcharhinus longimanus				1.00		1.00	42.00	
OCEANIC WHITETIP SHARK (Subtotal)			63,400.90	0.00		12,049.50		42.00	
OILFISH									
Oilfish	Ruvettus pretiosus	2011	20,202.00			4,659.10			c
Oilfish - landings	Ruvettus pretiosus				see footnote		see footnote	632,182.00	
OILFISH (Subtotal)			20,202.00	0.00		4,659.10		632,182.00	
OPAH									
Opah - Pacific	Lampris guttatus	2011	48,648.70			24,799.70			
Opah - landings	Lampris guttatus				0.03		0.02	1,564,414.00	
OPAH (Subtotal)			48,648.70	0.00		24,799.70		1,564,414.00	
PELAGIC PUFFER									
Pelagic puffer	Lagocephalus lagocephalus	2011	2,749.90			1,148.70			
Pelagic puffer - landings									
PELAGIC PUFFER (Subtotal)			2,749.90	0.00		1,148.70		0.00	
PELAGIC STINGRAY									
Pelagic stingray	Pteroplatytrygon violacea	2011	88,611.60			19,674.70			
Pelagic stingray - landings	Pteroplatytrygon violacea				1.00		1.00	22.00	
PELAGIC STINGRAY (Subtotal)			88,611.60	0.00		19,674.70		22.00	
PELAGIC THRESHER									
Pelagic thresher	Alopias pelagicus	2011	9,949.60			4,526.60			a
Pelagic thresher - landings									
PELAGIC THRESHER (Subtotal)			9,949.60	0.00		4,526.60		0.00	
POMPANO DOLPHINFISH									
Pompano dolphinfish	Coryphaena equiselis	2011	1,595.10			1,380.70			
Pompano dolphinfish - landings									
POMPANO DOLPHINFISH (Subtotal)			1,595.10	0.00		1,380.70		0.00	
RAYS (UNIDENTIFIED) (GROUP)									
Rays (unidentified) (group)	Rajiformes	2011	105.60			0.00			
Rays (unidentified) (group) - landings	Rajiformes								
RAYS (UNIDENTIFIED) (GROUP) (Subtotal)			105.60	0.00		0.00		0.00	
RAZORBACK SCABBARDFISH									
Razorback scabbardfish	Assurger anzac	2011	995.30			819.30			
Razorback scabbardfish - landings									

COMMON NAME	SCIENTIFIC NAME	YEAR	BYCATCH POUNDS	BYCATCH INDIVIDUALS	BYCATCH RATIO	DEAD BYCATCH POUNDS	DEAD BYCATCH RATIO	LANDINGS TOTAL	FOOTNOTE(S)
RAZORBACK SCABBARDFISH (Subtotal)			995.30	0.00		819.30		0.00	
ROUDI ESCOLAR									
Roudi escolar	Promethichthys prometheus	2011	42,599.10			22,663.50			c
Roudi escolar - landings									
ROUDI ESCOLAR (Subtotal)			42,599.10	0.00		22,663.50		0.00	
ROUGH POMFRET									
Rough pomfret	Taractes asper	2011	1,705.50			580.30			b
Rough pomfret - landings									
ROUGH POMFRET (Subtotal)			1,705.50	0.00		580.30		0.00	
ROUGH TRIGGERFISH									
Rough triggerfish	Canthidermis maculata	2011	88.00			52.80			
Rough triggerfish - landings									
ROUGH TRIGGERFISH (Subtotal)			88.00	0.00		52.80		0.00	
SAILFISH									
Sailfish	Istiophorus platypterus	2011	6,938.60			5,335.80			
Sailfish - landings	Istiophorus platypterus				0.21		0.17	26,187.00	
SAILFISH (Subtotal)			6,938.60	0.00		5,335.80		26,187.00	
SALMON SHARK									
Salmon shark	Lamna ditropis	2011	995.20			255.70			
Salmon shark - landings									
SALMON SHARK (Subtotal)			995.20	0.00		255.70		0.00	
SANDBAR SHARK									
Sandbar shark	Carcharhinus plumbeus	2011	1,048.40			155.70			
Sandbar shark - landings									
SANDBAR SHARK (Subtotal)			1,048.40	0.00		155.70		0.00	
SCALLOPED HAMMERHEAD									
Scalloped hammerhead	Sphyrna lewini	2011	1,603.10			497.50			
Scalloped hammerhead - landings									
SCALLOPED HAMMERHEAD (Subtotal)			1,603.10	0.00		497.50		0.00	
SHARKS (OTHER) (GROUP)									
Sharks (other) (group)	Chondrichthyes	2011	113.40			0.00			
Sharks (other) (group) - landings	Chondrichthyes								
SHARKS (OTHER) (GROUP) (Subtotal)			113.40	0.00		0.00		0.00	
SHARKS (UNIDENTIFIED) (GROUP)									
Sharks (unidentified) (group)	Chondrichthyes	2011	37,995.10			6,101.40			
Sharks (unidentified) (group) - landings	Chondrichthyes								
SHARKS (UNIDENTIFIED) (GROUP) (Subtotal)			37,995.10	0.00		6,101.40		0.00	
SHARPTAIL MOLA									
Sharptail mola	Masturus lanceolatus	2011	9,636.00			1,121.70			
Sharptail mola - landings									
SHARPTAIL MOLA (Subtotal)			9,636.00	0.00		1,121.70		0.00	
SHORTBILL SPEARFISH									
Shortbill spearfish	Tetrapturus angustirostris	2011	106,608.80			91,980.80			
Shortbill spearfish - landings	Tetrapturus angustirostris				0.90		0.89	11,640.00	
SHORTBILL SPEARFISH (Subtotal)			106,608.80	0.00		91,980.80		11,640.00	
SHORTFIN MAKO									
Shortfin mako	Isurus oxyrinchus	2011	323,829.30			68,423.40			d
Shortfin mako - landings									
SHORTFIN MAKO (Subtotal)			323,829.30	0.00		68,423.40		0.00	
SHORTNOSE LANCETFISH									
Shortnose lancetfish	Alepisaurus brevirostris	2011	3.50			3.50			
Shortnose lancetfish - landings									
SHORTNOSE LANCETFISH (Subtotal)			3.50	0.00		3.50		0.00	
SICKLE POMFRET									
Sickle pomfret	Taractichthys steindachneri	2011	19,621.10			7,438.10			b
Sickle pomfret - landings									

COMMON NAME	SCIENTIFIC NAME	YEAR	BYCATCH POUNDS	BYCATCH INDIVIDUALS	BYCATCH RATIO	DEAD BYCATCH POUNDS	DEAD BYCATCH RATIO	LANDINGS TOTAL	FOOTNOTE(S)
SICKLE POMFRET (Subtotal)			19,621.10	0.00		7,438.10		0.00	
SILKY SHARK									
Silky shark	Carcharhinus falciformis	2011	86,014.10			24,900.60			
Silky shark - landings	Carcharhinus falciformis				0.99		0.98	551.00	
SILKY SHARK (Subtotal)			86,014.10	0.00		24,900.60		551.00	
SKIPJACK TUNA									
Skipjack tuna - Central Western Pacific	Katsuwonus pelamis	2011	197,092.70			190,605.50			
Skipjack tuna - landings	Katsuwonus pelamis				0.18		0.18	873,712.00	
SKIPJACK TUNA (Subtotal)			197,092.70	0.00		190,605.50		873,712.00	
SLENDER MOLA									
Slender mola	Ranzania laevis	2011	174,570.00			163,509.20			
Slender mola - landings									
SLENDER MOLA (Subtotal)			174,570.00	0.00		163,509.20		0.00	
SMOOTH HAMMERHEAD									
Smooth hammerhead	Sphyrna zygaena	2011	7,054.70			2,514.80			
Smooth hammerhead - landings									
SMOOTH HAMMERHEAD (Subtotal)			7,054.70	0.00		2,514.80		0.00	
SNAKE MACKEREL									
Snake mackerel	Gempylus serpens	2011	178,739.40			88,235.40			c
Snake mackerel - landings									
SNAKE MACKEREL (Subtotal)			178,739.40	0.00		88,235.40		0.00	
STRIPED MARLIN									
Striped marlin - Central Western Pacific	Kajikia audax	2011	70,439.50			39,184.80			
Striped marlin - landings	Kajikia audax				0.07		0.04	916,717.00	
STRIPED MARLIN (Subtotal)			70,439.50	0.00		39,184.80		916,717.00	
WORDFISH									
Swordfish	Xiphias gladius	2011	119,961.50			83,206.90			
Swordfish - landings	Xiphias gladius				0.04		0.03	2,620,169.00	
WORDFISH (Subtotal)			119,961.50	0.00		83,206.90		2,620,169.00	
TAPERTAIL RIBBONFISH									
Tapertail ribbonfish	Trachipterus fukuzakii	2011	5,801.90			4,396.30			
Tapertail ribbonfish - landings									
TAPERTAIL RIBBONFISH (Subtotal)			5,801.90	0.00		4,396.30		0.00	
THRESHER SHARK									
Thresher shark	Alopias vulpinus	2011	125.60			62.80			a
Thresher shark - landings	Alopias vulpinus				see footnote		see footnote	44,315.00	
THRESHER SHARK (Subtotal)			125.60	0.00		62.80		44,315.00	
THRESHER SHARKS (UNIDENTIFIED) (GROUP)									
Thresher sharks (unidentified) (group)	Alopiidae	2011	55,790.30			9,863.30			a
Thresher sharks (unidentified) (group) - landings	Alopiidae								
THRESHER SHARKS (UNIDENTIFIED) (GROUP) (Subtotal)			55,790.30	0.00		9,863.30		0.00	
TIGER SHARK									
Tiger shark	Galeocerdo cuvier	2011	17,877.90			0.00			
Tiger shark - landings									
TIGER SHARK (Subtotal)			17,877.90	0.00		0.00		0.00	
TUNAS (GROUP)									
Tunas (group)	Scombridae	2011	53,086.90			51,111.80			
Tunas (group) - landings	Scombridae								
TUNAS (GROUP) (Subtotal)			53,086.90	0.00		51,111.80		0.00	
UNIDENTIFIED PUFFERS (GROUP)									
Unidentified puffers (group)	Tetraodontidae	2011	8.30			8.30			
Unidentified puffers (group) - landings	Tetraodontidae								
UNIDENTIFIED PUFFERS (GROUP) (Subtotal)			8.30	0.00		8.30		0.00	
UNIDENTIFIED SNAKE MACKERELS (GROUP)									
Unidentified snake mackerels (group)	Gempylidae	2011	48.30			15.40			c
Unidentified snake mackerels (group) - landings	Gempylidae								

Table 7.5.1b

COMMON NAME	SCIENTIFIC NAME	YEAR	BYCATCH POUNDS	BYCATCH INDIVIDUALS	BYCATCH RATIO	DEAD BYCATCH POUNDS	DEAD BYCATCH RATIO	LANDINGS TOTAL	FOOTNOTE(S)
UNIDENTIFIED SNAKE MACKERELS (GROUP) (Subtotal)			48.30	0.00		15.40		0.00	
WAHOO									
Wahoo - Pacific	Acanthocybium solandri	2011	87,008.60			80,557.60			
Wahoo - landings	Acanthocybium solandri				0.09		0.09	840,763.00	
WAHOO (Subtotal)			87,008.60	0.00		80,557.60		840,763.00	
YELLOWFIN TUNA									
Yellowfin tuna - Central Western Pacific	Thunnus albacares	2011	101,245.30			48,781.00			
Yellowfin tuna - landings	Thunnus albacares				0.02		0.01	4,641,766.00	
YELLOWFIN TUNA (Subtotal)			101,245.30	0.00		48,781.00		4,641,766.00	
GRAND TOTAL			10,810,845.80	0.00		2,927,553.70		33,270,538.00	

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.