

**Figure 7.4.1b PACIFIC ISLANDS REGION FISH BYCATCH BY STOCKS AND SPECIES (2014)** 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	BYCATCH POUNDS	BYCATCH RATIO	DEAD BYCATCH POUNDS	DEAD BYCATCH RATIO	LANDINGS TOTAL	NOTES
<b>ALBACORE</b>							
Albacore - North Pacific	Thunnus alalunga	8,572.70		5,837.20			
Albacore - South Pacific	Thunnus alalunga	29,380.00		28,457.50			
Albacore - landings	Thunnus alalunga		<0.01		<0.01	3,779,936.00	
ALBACORE (Subtotal)		37,952.70		34,294.70		3,779,936.00	
<b>BIGEYE SAND TIGER SHARK</b>							
Bigeye sand tiger shark	Odontaspis noronhai	345.20		345.20			
Bigeye sand tiger shark - landings							
BIGEYE SAND TIGER SHARK (Subtotal)		345.20		345.20		0.00	
<b>BIGEYE THRESHER</b>							
Bigeye thresher	Alopias superciliosus	1,353,344.30		336,237.90			a
Bigeye thresher - landings							
BIGEYE THRESHER (Subtotal)		1,353,344.30		336,237.90		0.00	
<b>BIGEYE TUNA</b>							
Bigeye tuna - Pacific	Thunnus obesus	251,708.80		63,149.60			
Bigeye tuna - landings	Thunnus obesus		0.02		<0.01	13,727,193.00	
BIGEYE TUNA (Subtotal)		251,708.80		63,149.60		13,727,193.00	
<b>BILLFISHES (GROUP)</b>							
Billfishes (group)	Istiophoridae	59,987.70		52,111.60			
Billfishes (group) - landings	Istiophoridae						
BILLFISHES (GROUP) (Subtotal)		59,987.70		52,111.60		0.00	
<b>BLACK GEMFISH</b>							
Black gemfish	Nesiarchus nasutus	1,127.20		455.00			
Black gemfish - landings							
BLACK GEMFISH (Subtotal)		1,127.20		455.00		0.00	
<b>BLACK MACKEREL</b>							
Black mackerel	Scombrobrax heterolepis	14,093.20		6,717.90			
Black mackerel - landings							

BLACK MACKEREL (Subtotal)		14,093.20	6,717.90	0.00
<b>BLUE MARLIN</b>				
Blue marlin - Pacific	Makaira nigricans	94,770.20	50,769.90	
Blue marlin - landings	Makaira nigricans		0.07	0.04 1,239,902.00
BLUE MARLIN (Subtotal)		94,770.20	50,769.90	1,239,902.00
<b>BLUE SHARK</b>				
Blue shark - North Pacific	Prionace glauca	7,162,077.40	375,345.10	
Blue shark - landings	Prionace glauca		1.00	1.00 1,764.00
BLUE SHARK (Subtotal)		7,162,077.40	375,345.10	1,764.00
<b>BONY FISHES (OTHER) (GROUP)</b>				
Bony fishes (other) (group)	Osteichthyes	217.80	174.00	
Bony fishes (other) (group) - landings	Osteichthyes			
BONY FISHES (OTHER) (GROUP) (Subtotal)		217.80	174.00	0.00
<b>BONY FISHES (UNIDENTIFIED) (GROUP)</b>				
Bony fishes (unidentified) (group)	Osteichthyes	1,517.80	551.60	
Bony fishes (unidentified) (group) - landings	Osteichthyes			
BONY FISHES (UNIDENTIFIED) (GROUP) (Subtotal)		1,517.80	551.60	0.00
<b>BRAMA POMFRETS (UNIDENTIFIED) (GROUP)</b>				
Brama pomfrets (unidentified) (group)	Bramidae	5,722.30	2,590.80	b
Brama pomfrets (unidentified) (group) - landings	Bramidae			
BRAMA POMFRETS (UNIDENTIFIED) (GROUP) (Subtotal)		5,722.30	2,590.80	0.00
<b>BRILLIANT POMFRET</b>				
Brilliant pomfret	Eumegistus illustris	583.00	240.70	b
Brilliant pomfret - landings				
BRILLIANT POMFRET (Subtotal)		583.00	240.70	0.00
<b>COTTONMOUTH JACKS (UNIDENTIFIED) (GROUP)</b>				
Cottonmouth jacks (unidentified) (group)	Uraspis	22.90	11.40	
Cottonmouth jacks (unidentified) (group) - landings	Uraspis			
COTTONMOUTH JACKS (UNIDENTIFIED) (GROUP) (Subtotal)		22.90	11.40	0.00
<b>CRESTFISH</b>				
Crestfish	Lophotus lacepede	4,204.80	1,553.30	
Crestfish - landings				

CRESTFISH (Subtotal)		4,204.80	1,553.30	0.00
<b>CROCODILE SHARK</b>				
Crocodile shark	Pseudocarcharias kamoharai	2,919.30	340.00	
Crocodile shark - landings				
CROCODILE SHARK (Subtotal)		2,919.30	340.00	0.00
<b>DEEPWATER DOGFISHES (GROUP)</b>				
Deepwater dogfishes (group)	Squalidae	6,602.80	1,346.40	
Deepwater dogfishes (group) - landings	Squalidae			
DEEPWATER DOGFISHES (GROUP) (Subtotal)		6,602.80	1,346.40	0.00
<b>DOLPHINFISH</b>				
Dolphinfish - Pacific	Coryphaena hippurus	64,646.50	37,112.30	
Dolphinfish - landings	Coryphaena hippurus		0.07	0.04 881,959.00
DOLPHINFISH (Subtotal)		64,646.50	37,112.30	881,959.00
<b>DRIFTFISHES (GROUP)</b>				
Driftfishes (group)	Cubiceps	104.30	7.60	
Driftfishes (group) - landings	Cubiceps			
DRIFTFISHES (GROUP) (Subtotal)		104.30	7.60	0.00
<b>ESCOLAR</b>				
Escolar	Lepidocybium flavobrunneum	172,105.40	33,941.00	c
Escolar - landings				
ESCOLAR (Subtotal)		172,105.40	33,941.00	0.00
<b>GALAPAGOS SHARK</b>				
Galapagos shark	Carcharhinus galapagensis	2,605.70	0.00	
Galapagos shark - landings				
GALAPAGOS SHARK (Subtotal)		2,605.70	0.00	0.00
<b>GREAT BARRACUDA</b>				
Great barracuda	Sphyrna barracuda	6,301.10	1,624.00	
Great barracuda - landings	Sphyrna barracuda		0.38	0.14 10,251.00
GREAT BARRACUDA (Subtotal)		6,301.10	1,624.00	10,251.00
<b>HAMMERHEAD SHARKS (GROUP)</b>				
Hammerhead sharks (group)	Sphyrna	3,667.40	611.40	
Hammerhead sharks (group) - landings	Sphyrna			

HAMMERHEAD SHARKS (GROUP) (Subtotal)		3,667.40	611.40	0.00
<b>HAMMERJAW</b>				
Hammerjaw	Omosudis lowii	825.00	771.70	
Hammerjaw - landings				
HAMMERJAW (Subtotal)		825.00	771.70	0.00
<b>KNIFETAIL POMFRET</b>				
Knifetail pomfret	Taractes rubescens	47,328.70	6,464.80	b
Knifetail pomfret - landings				
KNIFETAIL POMFRET (Subtotal)		47,328.70	6,464.80	0.00
<b>LONGFIN MAKO</b>				
Longfin mako	Isurus paucus	16,708.30	4,167.40	d
Longfin mako - landings				
LONGFIN MAKO (Subtotal)		16,708.30	4,167.40	0.00
<b>LONGNOSE LANCETFISH</b>				
Longnose lancetfish	Alepisaurus ferox	1,271,571.40	1,167,935.00	
Longnose lancetfish - landings	Alepisaurus ferox		1.00	1.00 22.00
LONGNOSE LANCETFISH (Subtotal)		1,271,571.40	1,167,935.00	22.00
<b>MAKOS (GROUP)</b>				
Makos (group)	Isurus	6,089.40	2,943.10	d
Makos (group) - landings	Isurus			
MAKOS (GROUP) (Subtotal)		6,089.40	2,943.10	0.00
<b>MANTA</b>				
Manta	Manta birostris	1,232.00	0.00	
Manta - landings				
MANTA (Subtotal)		1,232.00	0.00	0.00
<b>MANTA AND/OR MOBULA (UNIDENTIFIED) (GROUP)</b>				
Manta and/or mobula (unidentified) (group)	Mobulidae	2,233.00	0.00	
Manta and/or mobula (unidentified) (group) - landings	Mobulidae			
MANTA AND/OR MOBULA (UNIDENTIFIED) (GROUP) (Subtotal)		2,233.00	0.00	0.00
<b>OCEAN SUNFISH</b>				
Ocean sunfish	Mola mola	26,065.00	1,050.10	
Ocean sunfish - landings				

OCEAN SUNFISH (Subtotal)		26,065.00		1,050.10		0.00
<b>OCEANIC WHITETIP SHARK</b>						
Oceanic whitetip shark	Carcharhinus longimanus	74,675.00		16,022.50		e
Oceanic whitetip shark - landings	Carcharhinus longimanus		1.00		1.00	88.00
OCEANIC WHITETIP SHARK (Subtotal)		74,675.00		16,022.50		88.00
<b>OILFISH</b>						
Oilfish	Ruvettus pretiosus	36,131.50		5,041.10		c
Oilfish - landings	Ruvettus pretiosus		0.07		<0.01	515,242.00
OILFISH (Subtotal)		36,131.50		5,041.10		515,242.00
<b>OPAH</b>						
Opah - Pacific	Lampris guttatus	73,774.60		33,508.90		
Opah - landings	Lampris guttatus		0.03		0.02	2,243,380.00
OPAH (Subtotal)		73,774.60		33,508.90		2,243,380.00
<b>PELAGIC PUFFER</b>						
Pelagic puffer	Lagocephalus lagocephalus	1,407.90		245.60		
Pelagic puffer - landings						
PELAGIC PUFFER (Subtotal)		1,407.90		245.60		0.00
<b>PELAGIC STINGRAY</b>						
Pelagic stingray	Pteroplatytrygon violacea	70,210.80		5,266.10		
Pelagic stingray - landings						
PELAGIC STINGRAY (Subtotal)		70,210.80		5,266.10		0.00
<b>PELAGIC THRESHER</b>						
Pelagic thresher	Alopias pelagicus	6,764.20		2,438.50		a
Pelagic thresher - landings						
PELAGIC THRESHER (Subtotal)		6,764.20		2,438.50		0.00
<b>POMPANO DOLPHINFISH</b>						
Pompano dolphinfish	Coryphaena equiselis	255.60		198.50		
Pompano dolphinfish - landings						
POMPANO DOLPHINFISH (Subtotal)		255.60		198.50		0.00
<b>RAINBOW RUNNER</b>						
Rainbow runner	Elagatis bipinnulata	22.00		22.00		
Rainbow runner - landings						

RAINBOW RUNNER (Subtotal)		22.00	22.00	0.00
<b>RAYS (UNIDENTIFIED) (GROUP)</b>				
Rays (unidentified) (group)	Rajiformes	26.40	0.00	
Rays (unidentified) (group) - landings	Rajiformes			
RAYS (UNIDENTIFIED) (GROUP) (Subtotal)		26.40	0.00	0.00
<b>RAZORBACK SCABBARDFISH</b>				
Razorback scabbardfish	Assurger anzac	1,192.10	433.50	
Razorback scabbardfish - landings				
RAZORBACK SCABBARDFISH (Subtotal)		1,192.10	433.50	0.00
<b>ROUDI ESCOLAR</b>				
Roudi escolar	Promethichthys prometheus	28,404.40	10,123.60	c
Roudi escolar - landings				
ROUDI ESCOLAR (Subtotal)		28,404.40	10,123.60	0.00
<b>ROUGH POMFRET</b>				
Rough pomfret	Taractes asper	3,839.70	285.00	b
Rough pomfret - landings				
ROUGH POMFRET (Subtotal)		3,839.70	285.00	0.00
<b>ROUGH TRIGGERFISH</b>				
Rough triggerfish	Canthidermis maculata	35.20	0.00	
Rough triggerfish - landings				
ROUGH TRIGGERFISH (Subtotal)		35.20	0.00	0.00
<b>SAILFISH</b>				
Sailfish	Istiophorus platypterus	8,842.30	7,759.20	
Sailfish - landings	Istiophorus platypterus		0.16	0.15 44,930.00
SAILFISH (Subtotal)		8,842.30	7,759.20	44,930.00
<b>SALMON SHARK</b>				
Salmon shark	Lamna ditropis	999.80	430.00	
Salmon shark - landings				
SALMON SHARK (Subtotal)		999.80	430.00	0.00
<b>SANDBAR SHARK</b>				
Sandbar shark	Carcharhinus plumbeus	289.40	0.00	
Sandbar shark - landings				

SANDBAR SHARK (Subtotal)		289.40	0.00	0.00	
<b>SCALLOPED HAMMERHEAD SHARK</b>					
Scalloped hammerhead shark	Sphyrna lewini	120.40	0.00		f
Scalloped hammerhead shark - landings					
SCALLOPED HAMMERHEAD SHARK (Subtotal)		120.40	0.00	0.00	
<b>SCALLOPED RIBBONFISH</b>					
Scalloped ribbonfish	Zu cristatus	135.90	54.30		
Scalloped ribbonfish - landings					
SCALLOPED RIBBONFISH (Subtotal)		135.90	54.30	0.00	
<b>SHARKS (UNIDENTIFIED) (GROUP)</b>					
Sharks (unidentified) (group)	Chondrichthyes	20,888.30	2,255.90		
Sharks (unidentified) (group) - landings	Chondrichthyes				
SHARKS (UNIDENTIFIED) (GROUP) (Subtotal)		20,888.30	2,255.90	0.00	
<b>SHARPTAIL MOLA</b>					
Sharptail mola	Masturus lanceolatus	15,312.00	660.70		
Sharptail mola - landings					
SHARPTAIL MOLA (Subtotal)		15,312.00	660.70	0.00	
<b>SHORTBILL SPEARFISH</b>					
Shortbill spearfish	Tetrapturus angustirostris	68,202.90	56,663.00		
Shortbill spearfish - landings	Tetrapturus angustirostris		0.12	0.11	480,630.00
SHORTBILL SPEARFISH (Subtotal)		68,202.90	56,663.00		480,630.00
<b>SHORTFIN MAKO</b>					
Shortfin mako	Isurus oxyrinchus	380,892.20	84,127.60		d
Shortfin mako - landings					
SHORTFIN MAKO (Subtotal)		380,892.20	84,127.60	0.00	
<b>SHORTNOSE LANCETFISH</b>					
Shortnose lancetfish	Alepisaurus brevirostris	38.70	38.70		
Shortnose lancetfish - landings					
SHORTNOSE LANCETFISH (Subtotal)		38.70	38.70	0.00	
<b>SICKLE POMFRET</b>					
Sickle pomfret	Taractichthys steindachneri	22,649.90	6,676.80		b
Sickle pomfret - landings					

SICKLE POMFRET (Subtotal)		22,649.90		6,676.80		0.00
<b>SILKY SHARK</b>						
Silky shark	Carcharhinus falciformis	88,717.10		30,787.50		e
Silky shark - landings	Carcharhinus falciformis		1.00		0.99	176.00
SILKY SHARK (Subtotal)		88,717.10		30,787.50		176.00
<b>SKIPJACK TUNA</b>						
Skipjack tuna - Central Western Pacific	Katsuwonus pelamis	65,507.10		64,088.80		
Skipjack tuna - landings	Katsuwonus pelamis		0.10		0.10	600,561.00
SKIPJACK TUNA (Subtotal)		65,507.10		64,088.80		600,561.00
<b>SLENDER MOLA</b>						
Slender mola	Ranzania laevis	40,062.00		33,514.60		
Slender mola - landings						
SLENDER MOLA (Subtotal)		40,062.00		33,514.60		0.00
<b>SMOOTH HAMMERHEAD SHARK</b>						
Smooth hammerhead shark	Sphyrna zygaena	16,196.90		7,333.60		
Smooth hammerhead shark - landings						
SMOOTH HAMMERHEAD SHARK (Subtotal)		16,196.90		7,333.60		0.00
<b>SNAKE MACKEREL</b>						
Snake mackerel	Gempylus serpens	286,673.90		111,313.00		c
Snake mackerel - landings						
SNAKE MACKEREL (Subtotal)		286,673.90		111,313.00		0.00
<b>STRIPED MARLIN</b>						
Striped marlin - Central Western Pacific	Kajikia audax	56,264.70		37,189.70		
Striped marlin - landings	Kajikia audax		0.06		0.04	953,367.00
STRIPED MARLIN (Subtotal)		56,264.70		37,189.70		953,367.00
<b>SWORDFISH</b>						
Swordfish	Xiphias gladius	104,240.40		66,639.50		
Swordfish - landings	Xiphias gladius		0.03		0.02	3,694,044.00
SWORDFISH (Subtotal)		104,240.40		66,639.50		3,694,044.00
<b>TAPERTAIL RIBBONFISH</b>						
Tapertail ribbonfish	Trachipterus fukuzakii	6,008.50		2,416.90		
Tapertail ribbonfish - landings						



TAPERTAIL RIBBONFISH (Subtotal)		6,008.50	2,416.90	0.00
<b>THRESHER SHARK</b>				
Thresher shark	Alopias vulpinus	982.90	140.50	a
Thresher shark - landings				
THRESHER SHARK (Subtotal)		982.90	140.50	0.00
<b>THRESHER SHARKS (UNIDENTIFIED) (GROUP)</b>				
Thresher sharks (unidentified) (group)	Alopiidae	39,526.60	6,360.20	a
Thresher sharks (unidentified) (group) - landings	Alopiidae			
THRESHER SHARKS (UNIDENTIFIED) (GROUP) (Subtotal)		39,526.60	6,360.20	0.00
<b>TIGER SHARK</b>				
Tiger shark	Galeocerdo cuvier	19,057.70	0.00	
Tiger shark - landings				
TIGER SHARK (Subtotal)		19,057.70	0.00	0.00
<b>TUNAS (GROUP)</b>				
Tunas (group)	Scombridae	35,687.80	34,236.40	
Tunas (group) - landings	Scombridae			
TUNAS (GROUP) (Subtotal)		35,687.80	34,236.40	0.00
<b>UNIDENTIFIED PUFFERS (GROUP)</b>				
Unidentified puffers (group)	Tetraodontidae	106.80	23.70	
Unidentified puffers (group) - landings	Tetraodontidae			
UNIDENTIFIED PUFFERS (GROUP) (Subtotal)		106.80	23.70	0.00
<b>UNIDENTIFIED SNAKE MACKERELS (GROUP)</b>				
Unidentified snake mackerels (group)	Gempylidae	8.20	8.20	c
Unidentified snake mackerels (group) - landings	Gempylidae			
UNIDENTIFIED SNAKE MACKERELS (GROUP) (Subtotal)		8.20	8.20	0.00
<b>WAHOO</b>				
Wahoo - Pacific	Acanthocybium solandri	42,549.30	37,773.00	
Wahoo - landings	Acanthocybium solandri		0.05	0.04 814,277.00
WAHOO (Subtotal)		42,549.30	37,773.00	814,277.00
<b>YELLOWFIN TUNA</b>				
Yellowfin tuna - Central Western Pacific	Thunnus albacares	58,150.40	22,890.50	
Yellowfin tuna - landings	Thunnus albacares		0.03	0.01 2,130,062.00

YELLOWFIN TUNA (Subtotal)	58,150.40	22,890.50	2,130,062.00
<b>GRAND TOTAL</b>	<b>12,293,532.10</b>	<b>2,869,831.10</b>	<b>31,117,784.00</b>

**FOOTNOTES**

a NMFS reported landings in the Hawaii and American Samoa-permitted 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-permitted 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-permitted 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-permitted 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.

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).