

Figure 7.4.2b PACIFIC ISLANDS REGION FISH BYCATCH BY STOCKS AND SPECIES (2015) 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	FOOTNOTE(S)
ALBACORE							
Albacore - North Pacific	Thunnus alalunga	5,133.90		4,190.00			
Albacore - South Pacific	Thunnus alalunga	52,257.90		49,838.30			
Albacore - landings	Thunnus alalunga		0.01		0.01	4,561,298.00	
ALBACORE (Subtotal)		57,391.80		54,028.30		4,561,298.00	
BIGEYE SAND TIGER SHARK							
Bigeye sand tiger shark	Odontaspis noronhai	1,150.60		575.30			
Bigeye sand tiger shark - landings							
BIGEYE SAND TIGER SHARK (Subtotal)		1,150.60		575.30		0.00	
BIGEYE THRESHER							
Bigeye thresher	Alopias superciliosus	1,254,105.20		285,898.80			
Bigeye thresher - landings							
BIGEYE THRESHER (Subtotal)		1,254,105.20		285,898.80		0.00	
BIGEYE TUNA							
Bigeye tuna - Pacific	Thunnus obesus	274,430.90		81,595.10			
Bigeye tuna - landings	Thunnus obesus		0.02		<0.01	15,262,139.00	
BIGEYE TUNA (Subtotal)		274,430.90		81,595.10		15,262,139.00	
BILLFISHES (GROUP)							
Billfishes (group)	Istiophoridae	68,757.40		56,804.70			
Billfishes (group) - landings	Istiophoridae						
BILLFISHES (GROUP) (Subtotal)		68,757.40		56,804.70		0.00	
BLACK GEMFISH							
Black gemfish	Nesiarchus nasutus	631.70		290.50			
Black gemfish - landings							
BLACK GEMFISH (Subtotal)		631.70		290.50		0.00	
BLACK MACKEREL							
Black mackerel	Scombrolabrax heterolepis	14,792.20		8,578.30			
Black mackerel - landings							
BLACK MACKEREL (Subtotal)		14,792.20		8,578.30		0.00	
BLUE MARLIN							
Blue marlin - Pacific	Makaira nigricans	82,931.90		57,749.00			

Blue marlin - landings	Makaira nigricans		0.05	0.04	1,449,165.00
BLUE MARLIN (Subtotal)		82,931.90	57,749.00		1,449,165.00
BLUE SHARK					
Blue shark - North Pacific	Prionace glauca	8,051,176.10	440,517.50		
Blue shark - landings					
BLUE SHARK (Subtotal)		8,051,176.10	440,517.50		0.00
BONY FISHES (OTHER) (GROUP)					
Bony fishes (other) (group)	Osteichthyes	150.70	120.10		
Bony fishes (other) (group) - landings	Osteichthyes				
BONY FISHES (OTHER) (GROUP) (Subtotal)		150.70	120.10		0.00
BONY FISHES (UNIDENTIFIED) (GROUP)					
Bony fishes (unidentified) (group)	Osteichthyes	1,426.20	682.90		
Bony fishes (unidentified) (group) - landings	Osteichthyes				
BONY FISHES (UNIDENTIFIED) (GROUP) (Subtotal)		1,426.20	682.90		0.00
BRAMA POMFRETS (UNIDENTIFIED) (GROUP)					
Brama pomfrets (unidentified) (group)	Bramidae	5,686.40	2,792.80		b
Brama pomfrets (unidentified) (group) - landings	Bramidae				
BRAMA POMFRETS (UNIDENTIFIED) (GROUP) (Subtotal)		5,686.40	2,792.80		0.00
BRILLIANT POMFRET					
Brilliant pomfret	Eumegistus illustris	544.40	273.10		b
Brilliant pomfret - landings					
BRILLIANT POMFRET (Subtotal)		544.40	273.10		0.00
CRESTFISH					
Crestfish	Lophotus lacepede	2,584.40	1,193.50		
Crestfish - landings					
CRESTFISH (Subtotal)		2,584.40	1,193.50		0.00
CROCODILE SHARK					
Crocodile shark	Pseudocarcharias kamoharai	4,884.30	725.40		
Crocodile shark - landings					
CROCODILE SHARK (Subtotal)		4,884.30	725.40		0.00
DEEPWATER DOGFISHES (GROUP)					
Deepwater dogfishes (group)	Squalidae	4,546.80	1,185.60		
Deepwater dogfishes (group) - landings	Squalidae				
DEEPWATER DOGFISHES (GROUP) (Subtotal)		4,546.80	1,185.60		0.00

DOLPHINFISH						
Dolphinfish - Pacific	Coryphaena hippurus	60,147.00		39,880.10		
Dolphinfish - landings	Coryphaena hippurus		0.08		0.05	732,640.00
DOLPHINFISH (Subtotal)		60,147.00		39,880.10		732,640.00
DRIFTFISHES (GROUP)						
Driftfishes (group)	Cubiceps	77.90		6.60		
Driftfishes (group) - landings	Cubiceps					
DRIFTFISHES (GROUP) (Subtotal)		77.90		6.60		0.00
ESCOLAR						
Escolar	Lepidocybium flavobrunneum	226,064.60		50,576.80		c
Escolar - landings						
ESCOLAR (Subtotal)		226,064.60		50,576.80		0.00
GALAPAGOS SHARK						
Galapagos shark	Carcharhinus galapagensis	1,302.80		0.00		
Galapagos shark - landings						
GALAPAGOS SHARK (Subtotal)		1,302.80		0.00		0.00
GREAT BARRACUDA						
Great barracuda	Sphyrna barracuda	6,166.40		1,609.80		
Great barracuda - landings	Sphyrna barracuda		0.33		0.11	12,522.00
GREAT BARRACUDA (Subtotal)		6,166.40		1,609.80		12,522.00
HAMMERHEAD SHARKS (GROUP)						
Hammerhead sharks (group)	Sphyrna	7,238.50		1,168.80		
Hammerhead sharks (group) - landings	Sphyrna					
HAMMERHEAD SHARKS (GROUP) (Subtotal)		7,238.50		1,168.80		0.00
HAMMERJAW						
Hammerjaw	Omosudis lowii	675.40		618.00		
Hammerjaw - landings						
HAMMERJAW (Subtotal)		675.40		618.00		0.00
KNIFETAIL POMFRET						
Knifetail pomfret	Taractes rubescens	63,948.00		12,338.90		b
Knifetail pomfret - landings						
KNIFETAIL POMFRET (Subtotal)		63,948.00		12,338.90		0.00
LONGFIN MAKO						
Longfin mako	Isurus paucus	18,152.80		5,870.60		d

Longfin mako - landings					
LONGFIN MAKO (Subtotal)		18,152.80	5,870.60		0.00
LONGNOSE LANCETFISH					
Longnose lancetfish	Alepisaurus rostratus	1,082,896.20	1,022,393.20		
Longnose lancetfish - landings	Alepisaurus rostratus		1.00	1.00	1,257.00
LONGNOSE LANCETFISH (Subtotal)		1,082,896.20	1,022,393.20		1,257.00
LOUVAR					
Louvar	Luvarus imperialis	770.00	770.00		
Louvar - landings					
LOUVAR (Subtotal)		770.00	770.00		0.00
MAKOS (GROUP)					
Makos (group)	Isurus	6,198.00	2,801.00		d
Makos (group) - landings	Isurus				
MAKOS (GROUP) (Subtotal)		6,198.00	2,801.00		0.00
MANTA					
Manta	Manta birostris	1,144.00	0.00		
Manta - landings					
MANTA (Subtotal)		1,144.00	0.00		0.00
MANTA AND/OR MOBULA (UNIDENTIFIED) (GROUP)					
Manta and/or mobula (unidentified) (group)	Mobulidae	5,038.00	0.00		
Manta and/or mobula (unidentified) (group) - landings	Mobulidae				
MANTA AND/OR MOBULA (UNIDENTIFIED) (GROUP) (Subtotal)		5,038.00	0.00		0.00
OCEAN SUNFISH					
Ocean sunfish	Mola mola	23,469.70	636.50		
Ocean sunfish - landings	Mola mola		1.00	0.94	44.00
OCEAN SUNFISH (Subtotal)		23,469.70	636.50		44.00
OCEANIC WHITETIP SHARK					
Oceanic whitetip shark	Carcharhinus longimanus	119,630.80	33,293.90		e
Oceanic whitetip shark - landings	Carcharhinus longimanus		0.99	0.98	683.00
OCEANIC WHITETIP SHARK (Subtotal)		119,630.80	33,293.90		683.00
OILFISH					
Oilfish	Ruvettus pretiosus	27,661.50	5,496.70		c
Oilfish - landings					
OILFISH (Subtotal)		27,661.50	5,496.70		0.00

OPAH						
Opah - Pacific	Lampris guttatus	84,055.60		47,004.50		
Opah - landings	Lampris guttatus		0.03		0.02	2,594,047.00
OPAH (Subtotal)		84,055.60		47,004.50		2,594,047.00
PELAGIC PUFFER						
Pelagic puffer	Lagocephalus lagocephalus	2,453.10		915.30		
Pelagic puffer - landings						
PELAGIC PUFFER (Subtotal)		2,453.10		915.30		0.00
PELAGIC STINGRAY						
Pelagic stingray	Pteroplatytrygon violacea	92,116.20		5,651.80		
Pelagic stingray - landings						
PELAGIC STINGRAY (Subtotal)		92,116.20		5,651.80		0.00
PELAGIC THRESHER						
Pelagic thresher	Alopias pelagicus	4,236.20		1,744.50		a
Pelagic thresher - landings						
PELAGIC THRESHER (Subtotal)		4,236.20		1,744.50		0.00
POMPANO DOLPHINFISH						
Pompano dolphinfish	Coryphaena equiselis	383.50		300.80		
Pompano dolphinfish - landings						
POMPANO DOLPHINFISH (Subtotal)		383.50		300.80		0.00
RAINBOW RUNNER						
Rainbow runner	Elagatis bipinnulata	52.80		52.80		
Rainbow runner - landings						
RAINBOW RUNNER (Subtotal)		52.80		52.80		0.00
RAYS (UNIDENTIFIED) (GROUP)						
Rays (unidentified) (group)	Rajiformes	217.80		0.00		
Rays (unidentified) (group) - landings	Rajiformes					
RAYS (UNIDENTIFIED) (GROUP) (Subtotal)		217.80		0.00		0.00
RAZORBACK SCABBARDFISH						
Razorback scabbardfish	Assurger anzac	1,240.70		763.10		
Razorback scabbardfish - landings						
RAZORBACK SCABBARDFISH (Subtotal)		1,240.70		763.10		0.00
ROUDI ESCOLAR						
Roudi escolar	Promethichthys prometheus	43,045.90		13,354.50		c

Roudi escolar - landings					
ROUDI ESCOLAR (Subtotal)		43,045.90	13,354.50		0.00
ROUGH POMFRET					
Rough pomfret	Taractes asper	2,531.10	585.80		b
Rough pomfret - landings					
ROUGH POMFRET (Subtotal)		2,531.10	585.80		0.00
SAILFISH					
Sailfish	Istiophorus platypterus	12,926.30	11,236.60		
Sailfish - landings	Istiophorus platypterus			0.25	0.23 38,008.00
SAILFISH (Subtotal)		12,926.30	11,236.60		38,008.00
SALMON SHARK					
Salmon shark	Lamna ditropis	645.10	322.50		
Salmon shark - landings					
SALMON SHARK (Subtotal)		645.10	322.50		0.00
SANDBAR SHARK					
Sandbar shark	Carcharhinus plumbeus	439.70	96.50		
Sandbar shark - landings					
SANDBAR SHARK (Subtotal)		439.70	96.50		0.00
SCALLOPED HAMMERHEAD SHARK					
Scalloped hammerhead shark	Sphyrna lewini	287.20	72.30		f
Scalloped hammerhead shark - landings					
SCALLOPED HAMMERHEAD SHARK (Subtotal)		287.20	72.30		0.00
SCALLOPED RIBBONFISH					
Scalloped ribbonfish	Zu cristatus	85.90	52.40		
Scalloped ribbonfish - landings					
SCALLOPED RIBBONFISH (Subtotal)		85.90	52.40		0.00
SHARKS (UNIDENTIFIED) (GROUP)					
Sharks (unidentified) (group)	Chondrichthyes	30,597.00	3,922.30		
Sharks (unidentified) (group) - landings	Chondrichthyes				
SHARKS (UNIDENTIFIED) (GROUP) (Subtotal)		30,597.00	3,922.30		0.00
SHARPTAIL MOLA					
Sharptail mola	Masturus lanceolatus	9,900.00	651.50		
Sharptail mola - landings					
SHARPTAIL MOLA (Subtotal)		9,900.00	651.50		0.00

SHORTBILL SPEARFISH						
Shortbill spearfish	Tetrapturus angustirostris	80,259.60		66,829.60		
Shortbill spearfish - landings	Tetrapturus angustirostris		0.12		0.10	581,447.00
SHORTBILL SPEARFISH (Subtotal)		80,259.60		66,829.60		581,447.00
SHORTFIN MAKO						
Shortfin mako	Isurus oxyrinchus	432,948.60		104,673.10		
Shortfin mako - landings						
SHORTFIN MAKO (Subtotal)		432,948.60		104,673.10		0.00
SHORTNOSE LANCETFISH						
Shortnose lancetfish	Alepisaurus brevirostris	38.70		38.70		
Shortnose lancetfish - landings						
SHORTNOSE LANCETFISH (Subtotal)		38.70		38.70		0.00
SICKLE POMFRET						
Sickle pomfret	Taractichthys steindachneri	18,189.90		5,848.40		b
Sickle pomfret - landings						
SICKLE POMFRET (Subtotal)		18,189.90		5,848.40		0.00
SILKY SHARK						
Silky shark	Carcharhinus falciformis	115,597.70		32,740.00		e
Silky shark - landings						
SILKY SHARK (Subtotal)		115,597.70		32,740.00		0.00
SKIPJACK TUNA						
Skipjack tuna - Central Western Pacific	Katsuwonus pelamis	79,417.60		77,359.00		
Skipjack tuna - landings	Katsuwonus pelamis		0.11		0.11	628,516.00
SKIPJACK TUNA (Subtotal)		79,417.60		77,359.00		628,516.00
SLENDER MOLA						
Slender mola	Ranzania laevis	39,479.00		32,076.40		
Slender mola - landings						
SLENDER MOLA (Subtotal)		39,479.00		32,076.40		0.00
SMOOTH HAMMERHEAD SHARK						
Smooth hammerhead shark	Sphyrna zygaena	19,497.40		9,024.30		
Smooth hammerhead shark - landings						
SMOOTH HAMMERHEAD SHARK (Subtotal)		19,497.40		9,024.30		0.00
SNAKE MACKEREL						
Snake mackerel	Gempylus serpens	411,848.60		179,428.30		c

Snake mackerel - landings					
SNAKE MACKEREL (Subtotal)		411,848.60	179,428.30		0.00
STRIPED MARLIN					
Striped marlin - Central Western Pacific	Kajikia audax	36,528.40	26,734.40		
Striped marlin - landings	Kajikia audax			0.03	0.02 1,094,904.00
STRIPED MARLIN (Subtotal)		36,528.40	26,734.40		1,094,904.00
SWORDFISH					
Swordfish	Xiphias gladius	96,172.90	63,638.40		
Swordfish - landings	Xiphias gladius			0.03	0.02 3,353,826.00
SWORDFISH (Subtotal)		96,172.90	63,638.40		3,353,826.00
TAPERTAIL RIBBONFISH					
Tapertail ribbonfish	Trachipterus fukuzakii	9,970.30	5,016.70		
Tapertail ribbonfish - landings					
TAPERTAIL RIBBONFISH (Subtotal)		9,970.30	5,016.70		0.00
THRESHER SHARK					
Thresher shark	Alopias vulpinus	1,526.30	280.80		a
Thresher shark - landings					
THRESHER SHARK (Subtotal)		1,526.30	280.80		0.00
THRESHER SHARKS (UNIDENTIFIED) (GROUP)					
Thresher sharks (unidentified) (group)	Alopiidae (group)	45,626.80	7,436.80		a
Thresher sharks (unidentified) (group) - landings	Alopiidae				
THRESHER SHARKS (UNIDENTIFIED) (GROUP) (Subtotal)		45,626.80	7,436.80		0.00
TIGER SHARK					
Tiger shark	Galeocerdo cuvier	16,141.40	2,690.80		
Tiger shark - landings					
TIGER SHARK (Subtotal)		16,141.40	2,690.80		0.00
TUNAS (GROUP)					
Tunas (group)	Scombridae	43,046.50	41,364.10		
Tunas (group) - landings	Scombridae				
TUNAS (GROUP) (Subtotal)		43,046.50	41,364.10		0.00
UNIDENTIFIED PUFFERS (GROUP)					
Unidentified puffers (group)	Tetraodontidae	97.80	0.00		
Unidentified puffers (group) - landings	Tetraodontidae				
UNIDENTIFIED PUFFERS (GROUP) (Subtotal)		97.80	0.00		0.00

UNIDENTIFIED SNAKE MACKERELS (GROUP)						
Unidentified snake mackerels (group)	Gempylidae	5.80		5.80		c
Unidentified snake mackerels (group) - landings	Gempylidae					
UNIDENTIFIED SNAKE MACKERELS (GROUP) (Subtotal)		5.80		5.80	0.00	
WAHOO						
Wahoo - Pacific	Acanthocybium solandri	44,481.40		43,158.60		
Wahoo - landings	Acanthocybium solandri		0.05		0.05	901,955.00
WAHOO (Subtotal)		44,481.40		43,158.60		901,955.00
YELLOWFIN TUNA						
Yellowfin tuna - Central Western Pacific	Thunnus albacares	87,492.20		38,841.40		
Yellowfin tuna - landings	Thunnus albacares		0.03		0.02	2,531,304.00
YELLOWFIN TUNA (Subtotal)		87,492.20		38,841.40		2,531,304.00
GRAND TOTAL		13,339,353.60		2,994,384.60		33,743,755.00

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 2015 for the thresher shark family (Alopiidae) were 15,852 and 198 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 pomfrets in general, and not by species. Landings in 2015 for the pomfret family (Bramidae) were 1,240,211 and 925 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 2015 for the snake mackerel family (Gempylidae) were 523,378 and 595 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 2015 for the mako shark genus (Isurus) were 126,567 and 639 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).