

TABLE 8.2 PACIFIC ISLANDS REGION FISH BYCATCH BY STOCKS AND SPECIES ^{1, 2, 3}

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		SPECIES LANDINGS (POUNDS)	BYCATCH RATIO	FOOTNOTE(S)
		BYCATCH (POUNDS)	BYCATCH (INDIVIDUALS)			
ALBACORE						
Albacore - North Pacific		56,143.25				
ALBACORE (Subtotal)	<i>Thunnus alalunga</i>	56,143.25	0.00	921,063	0.06	
BIGEYE THRESHER						
Bigeye thresher		778,191.96				
BIGEYE THRESHER (Subtotal)	<i>Alopias superciliosus</i>	778,191.96	0.00	see footnote		a
BIGEYE TUNA						
Bigeye tuna - Pacific		163,125.71				
BIGEYE TUNA (Subtotal)	<i>Thunnus obesus</i>	163,125.71	0.00	13,059,807	0.01	
BIGNOSE SHARK						
Bignose shark		0.00				
BIGNOSE SHARK (Subtotal)	<i>Carcharhinus altimus</i>	0.00	0.00		^	
BILLFISHES (group)						
Billfishes (group)		10,841.04				
BILLFISHES (group) (Subtotal)	Istiophoridae	10,841.04	0.00		^	
BLACK MACKEREL						
Black mackerel		158.94				
BLACK MACKEREL (Subtotal)	<i>Scombrobrax heterolepis</i>	158.94	0.00		^	
BLACK MARLIN						
Black marlin		0.00				
BLACK MARLIN (Subtotal)	<i>Istiompax indica</i>	0.00	0.00		^	
BLACKTIP SHARK						
Blacktip shark		0.00				
BLACKTIP SHARK (Subtotal)	<i>Carcharhinus limbatus</i>	0.00	0.00		^	

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COMMON NAME	SCIENTIFIC NAME	BYCATCH		SPECIES	BYCATCH RATIO	FOOTNOTE(S)
		BYCATCH (POUNDS)	BYCATCH (INDIVIDUALS)	LANDINGS (POUNDS)		
BLUE MARLIN						
Blue marlin - Pacific		39,629.22				
BLUE MARLIN (Subtotal)	<i>Makaira nigricans</i>	39,629.22	0.00	878,279	0.04	
BLUE SHARK						
Blue shark - Pacific		5,492,729.88				
BLUE SHARK (Subtotal)	<i>Prionace glauca</i>	5,492,729.88	0.00	^		
BONY FISHES (OTHER) (group)						
Bony fishes (other) (group)		93.33				
BONY FISHES (OTHER) (group) (Subtotal)	Osteichthyes	93.33	0.00	^		
BONY FISHES (UNIDENTIFIED) (group)						
Bony fishes (unidentified) (group)		1,021.00				
BONY FISHES (UNIDENTIFIED) (group) (Subtotal)	Osteichthyes	1,021.00	0.00	^		
BRAMA POMFRETS (UNIDENTIFIED) (group)						
Brama pomfrets (unidentified) (group)		2,216.77				
BRAMA POMFRETS (UNIDENTIFIED) (group) (Subtotal)	Bramidae	2,216.77	0.00	see footnote		b
BRILLIANT POMFRET						
Brilliant pomfret		260.76				
BRILLIANT POMFRET (Subtotal)	<i>Eumegistus illustris</i>	260.76	0.00	see footnote		b
COOKIECUTTER SHARK						
Cookiecutter shark		17.00				
COOKIECUTTER SHARK (Subtotal)	<i>Isistius brasiliensis</i>	17.00	0.00	^		
COTTONMOUTH JACKS (UNIDENTIFIED) (group)						
Cottonmouth jacks (unidentified) (group)		29.52				
COTTONMOUTH JACKS (UNIDENTIFIED) (group) (Subtotal)	<i>Uraspis</i>	29.52	0.00	^		
CRESTFISH						
Crestfish		2,027.90				
CRESTFISH (Subtotal)	<i>Lophotus lacepede</i>	2,027.90	0.00	^		
CROCODILE SHARK						
Crocodile shark		8,477.84				
CROCODILE SHARK (Subtotal)	<i>Pseudocarcharias kamoharai</i>	8,477.84	0.00	^		

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COMMON NAME	SCIENTIFIC NAME	BYCATCH		SPECIES		FOOTNOTE(S)
		BYCATCH (POUNDS)	BYCATCH (INDIVIDUALS)	LANDINGS (POUNDS)	BYCATCH RATIO	
DOLPHINFISH						
Dolphinfish - Pacific	<i>Coryphaena hippurus</i>	79,348.36		1,517,631	0.05	
DOLPHINFISH (Subtotal)		79,348.36	0.00			
DRIFTFISHES (group)						
Driftfishes (group)		13.23		^		
DRIFTFISHES (group) (Subtotal)	<i>Cubiceps</i>	13.23	0.00			
ESCOLAR						
Escolar		35,838.94		see footnote		c
ESCOLAR (Subtotal)	<i>Lepidocybium flavobrunneum</i>	35,838.94	0.00			
GALAPAGOS SHARK						
Galapagos shark		2,332.77		^		
GALAPAGOS SHARK (Subtotal)	<i>Carcharhinus galapagensis</i>	2,332.77	0.00			
GREAT BARRACUDA						
Great barracuda		3,225.54		27,619	0.11	
GREAT BARRACUDA (Subtotal)	<i>Sphyrna barracuda</i>	3,225.54	0.00			
GREY REEF SHARK						
Grey reef shark		0.00		^		
GREY REEF SHARK (Subtotal)	<i>Carcharhinus amblyrhynchos</i>	0.00	0.00			
HAMMERHEAD SHARKS (group)						
Hammerhead sharks (group)		1,486.40		^		
HAMMERHEAD SHARKS (group) (Subtotal)	<i>Sphyrna</i>	1,486.40	0.00			
HAMMERJAW						
Hammerjaw		348.33		^		
HAMMERJAW (Subtotal)	<i>Omosudis lowii</i>	348.33	0.00			
KAWAKAWA						
Kawakawa		0.00		2,344	0.00	
KAWAKAWA (Subtotal)	<i>Euthynnus affinis</i>	0.00	0.00			
KING-OF-SALMON						
King-of-salmon		0.00		^		
KING-OF-SALMON (Subtotal)	<i>Trachipterus altivelis</i>	0.00	0.00			

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COMMON NAME	SCIENTIFIC NAME	BYCATCH		SPECIES		FOOTNOTE(S)
		BYCATCH (POUNDS)	BYCATCH (INDIVIDUALS)	LANDINGS (POUNDS)	BYCATCH RATIO	
KNIFETAIL POMFRET						
Knifetail pomfret		17,101.96				
KNIFETAIL POMFRET (Subtotal)	<i>Taractes rubescens</i>	17,101.96	0.00	see footnote		b
LONGFIN MAKO						
Longfin mako		16,599.01				
LONGFIN MAKO (Subtotal)	<i>Isurus paucus</i>	16,599.01	0.00	see footnote		d
LONGNOSE LANCETFISH						
Longnose lancetfish		1,254,567.19				
LONGNOSE LANCETFISH (Subtotal)	<i>Alepisaurus ferox</i>	1,254,567.19	0.00		^	
LOUVAR						
Louvar		0.00				
LOUVAR (Subtotal)	<i>Luvarus imperialis</i>	0.00	0.00		^	
MAKOS (group)						
Makos (group)		6,202.02				
MAKOS (group) (Subtotal)	Isurus	6,202.02	0.00	see footnote		d
MANTA						
Manta		8,509.84				
MANTA (Subtotal)	<i>Manta birostris</i>	8,509.84	0.00		^	
MANTA AND/OR MOBULA (UNIDENTIFIED) (group)						
Manta and/or Mobula (unidentified) (group)		2,601.46				
MANTA-MOBULA (UNIDENTIFIED) (group) (Subtotal)	Mobulidae	2,601.46	0.00		^	
OCEAN SUNFISH						
Ocean sunfish		62,120.96				
OCEAN SUNFISH (Subtotal)	<i>Mola mola</i>	62,120.96	0.00	130	1.00	
OCEANIC WHITETIP SHARK						
Oceanic whitetip shark		47,553.13				
OCEANIC WHITETIP SHARK (Subtotal)	<i>Carcharhinus longimanus</i>	47,553.13	0.00		^	
OILFISH						
Oilfish		9,938.37				
OILFISH (Subtotal)	<i>Ruvettus pretiosus</i>	9,938.37	0.00	see footnote		c

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COMMON NAME	SCIENTIFIC NAME	BYCATCH		SPECIES		FOOTNOTE(S)
		BYCATCH (POUNDS)	BYCATCH (INDIVIDUALS)	LANDINGS (POUNDS)	BYCATCH RATIO	
OPAH						
Opah - Pacific	<i>Lampris guttatus</i>	51,811.68				
OPAH (Subtotal)		51,811.68	0.00	1,823,832	0.03	
PACIFIC BLUEFIN TUNA						
Pacific bluefin tuna - Pacific		0.00				
PACIFIC BLUEFIN TUNA (Subtotal)	<i>Thunnus orientalis</i>	0.00	0.00		^	
PACIFIC BONITO						
Pacific bonito		0.00				
PACIFIC BONITO (Subtotal)	<i>Sarda chiliensis</i>	0.00	0.00		^	
PELAGIC PUFFER						
Pelagic puffer		978.06				
PELAGIC PUFFER (Subtotal)	<i>Lagocephalus lagocephalus</i>	978.06	0.00		^	
PELAGIC STINGRAY						
Pelagic stingray		30,912.55				
PELAGIC STINGRAY (Subtotal)	<i>Pteroplatytrygon violacea</i>	30,912.55	0.00		^	
PELAGIC THRESHER						
Pelagic thresher		6,266.42				
PELAGIC THRESHER (Subtotal)	<i>Alopias pelagicus</i>	6,266.42	0.00	see footnote		a
POMPANO DOLPHINFISH						
Pompano dolphinfish		1,102.18				
POMPANO DOLPHINFISH (Subtotal)	<i>Coryphaena equiselis</i>	1,102.18	0.00		^	
RAINBOW RUNNER						
Rainbow runner		0.00				
RAINBOW RUNNER (Subtotal)	<i>Elagatis bipinnulata</i>	0.00	0.00	2,332	0.00	
RAYS (UNIDENTIFIED) (group)						
Rays (unidentified) (group)		39.68				
RAYS (UNIDENTIFIED) (group) (Subtotal)	Rajiformes	39.68	0.00		^	
RAZORBACK SCABBARDFISH						
Razorback scabbardfish		1,387.86				
RAZORBACK SCABBARDFISH (Subtotal)	<i>Assurger anzac</i>	1,387.86	0.00		^	

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COMMON NAME	SCIENTIFIC NAME	BYCATCH		SPECIES		FOOTNOTE(S)
		BYCATCH (POUNDS)	BYCATCH (INDIVIDUALS)	LANDINGS (POUNDS)	BYCATCH RATIO	
ROUDI ESCOLAR						
Roudi escolar		2,606.98				
ROUDI ESCOLAR (Subtotal)	<i>Promethichthys prometheus</i>	2,606.98	0.00	see footnote		c
ROUGH POMFRET						
Rough pomfret		1,213.79				
ROUGH POMFRET (Subtotal)	<i>Taractes asper</i>	1,213.79	0.00	see footnote		b
ROUGH TRIGGERFISH						
Rough triggerfish		30.86				
ROUGH TRIGGERFISH (Subtotal)	<i>Canthidermis maculata</i>	30.86	0.00		^	
SAILFISH						
Sailfish		2,524.58				
SAILFISH (Subtotal)	<i>Istiophorus platypterus</i>	2,524.58	0.00	32,366	0.07	
SALMON SHARK						
Salmon shark		3,229.28				
SALMON SHARK (Subtotal)	<i>Lamna ditropis</i>	3,229.28	0.00		^	
SANDBAR SHARK						
Sandbar shark		7,246.15				
SANDBAR SHARK (Subtotal)	<i>Carcharhinus plumbeus</i>	7,246.15	0.00		^	
SCALLOPED HAMMERHEAD						
Scalloped hammerhead		301.57				
SCALLOPED HAMMERHEAD (Subtotal)	<i>Sphyrna lewini</i>	301.57	0.00		^	
SCALLOPED RIBBONFISH						
Scalloped ribbonfish		108.86				
SCALLOPED RIBBONFISH (Subtotal)	<i>Zu cristatus</i>	108.86	0.00		^	
SHARKS (UNIDENTIFIED) (group)						
Sharks (unidentified) (group)		60,517.94				
SHARKS (UNIDENTIFIED) (group) (Subtotal)	<i>Chondrichthyes</i>	60,517.94	0.00		^	
SHARPTAIL MOLA						
Sharptail mola		10,979.02				
SHARPTAIL MOLA (Subtotal)	<i>Masturus lanceolatus</i>	10,979.02	0.00		^	

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COMMON NAME	SCIENTIFIC NAME	BYCATCH		SPECIES		FOOTNOTE(S)
		BYCATCH (POUNDS)	BYCATCH (INDIVIDUALS)	LANDINGS (POUNDS)	BYCATCH RATIO	
SHORTBILL SPEARFISH						
Shortbill spearfish - Pacific	<i>Tetrapturus angustirostris</i>	19,549.60		271,632	0.07	
SHORTBILL SPEARFISH (Subtotal)		19,549.60	0.00			
SHORTFIN MAKO						
Shortfin mako	<i>Isurus oxyrinchus</i>	238,944.06		see footnote		d
SHORTFIN MAKO (Subtotal)		238,944.06	0.00			
SICKLE POMFRET						
Sickle pomfret	<i>Taractichthys steindachneri</i>	6,232.25		^		
SICKLE POMFRET (Subtotal)		6,232.25	0.00			
SILKY SHARK						
Silky shark	<i>Carcharhinus falciformis</i>	37,223.97		^		
SILKY SHARK (Subtotal)		37,223.97	0.00			
SKIPJACK TUNA						
Skipjack tuna - Central Western Pacific	<i>Katsuwonus pelamis</i>	40,647.90		299,811	0.12	
SKIPJACK TUNA (Subtotal)		40,647.90	0.00			
SLENDER MOLA						
Slender mola	<i>Ranzania laevis</i>	26,620.81		^		
SLENDER MOLA (Subtotal)		26,620.81	0.00			
SMOOTH HAMMERHEAD						
Smooth hammerhead	<i>Sphyrna zygaena</i>	3,173.91		^		
SMOOTH HAMMERHEAD (Subtotal)		3,173.91	0.00			
SNAKE MACKEREL						
Snake mackerel	<i>Gempylus serpens</i>	179,959.30		see footnote		c
SNAKE MACKEREL (Subtotal)		179,959.30	0.00			
STRIPED MARLIN						
Striped marlin - Central Western Pacific	<i>Kajikia audax</i>	4,145.89		342,332	0.01	
STRIPED MARLIN (Subtotal)		4,145.89	0.00			
SWORDFISH						
Swordfish - North Pacific	<i>Xiphias gladius</i>	64,166.39		3,153,143	0.02	
SWORDFISH (Subtotal)		64,166.39	0.00			

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		BYCATCH (POUNDS)	BYCATCH (INDIVIDUALS)	LANDINGS (POUNDS)	BYCATCH RATIO	
TAPERTAIL RIBBONFISH						
Tapertail ribbonfish		3,729.46				
TAPERTAIL RIBBONFISH (Subtotal)	<i>Trachipterus fukuzakii</i>	3,729.46	0.00		^	
THRESHER SHARK						
Thresher shark		478.17				
THRESHER SHARK (Subtotal)	<i>Alopias vulpinus</i>	478.17	0.00	see footnote		a
THRESHER SHARKS (UNIDENTIFIED) (group)						
Thresher sharks (unidentified) (group)		33,127.00				
THRESHER SHARKS (UNIDENTIFIED) (group) (Subtotal)	Alopiidae	33,127.00	0.00	see footnote		a
TIGER SHARK						
Tiger shark		8,366.54				
TIGER SHARK (Subtotal)	<i>Galeocerdo cuvier</i>	8,366.54	0.00		^	
TUNAS (group)						
Tunas (group)		11,564.36				
TUNAS (group) (Subtotal)	Scombridae	11,564.36	0.00		^	
VELVET DOGFISH						
Velvet dogfish		1,840.95				
VELVET DOGFISH (Subtotal)	<i>Scymnodon squamulosus</i>	1,840.95	0.00		^	
WAHOO						
Wahoo - Pacific		10,662.09				
WAHOO (Subtotal)	<i>Acanthocybium solandri</i>	10,662.09	0.00	600,155		0.02
WHITE SHARK						
White shark		0.00				
WHITE SHARK (Subtotal)	<i>Carcharodon carcharias</i>	0.00	0.00		^	
YELLOWFIN TUNA						
Yellowfin tuna - Central Western Pacific		8,585.22				
YELLOWFIN TUNA (Subtotal)	<i>Thunnus albacares</i>	8,585.22	0.00	2,405,108		<0.01
GRAND TOTAL		8,983,026.96	0.00	25,927,168		

FOOTNOTES:

1 Total Stock Bycatch is listed in the species column, as there were no species with bycatch of more than one substock.

2 Total Species Bycatch landed weights (pounds) are for catch sold only.

3 In the Species Landed Column, species marked ^ were not landed or rarely landed; these may be kept and consumed.

a Pacific Region landings were not reported by thresher shark species, but were reported for thresher sharks in general. Landings for the year 2010 for the thresher shark family (Alopiidae) were 39,865 pounds, but could not be used to develop a bycatch ratio for thresher shark species, as the exact composition of the landings reported for Alopiidae is unknown.

b Pacific Region landings were not reported by pomfret species, but were reported for pomfret in general. Landings for the year 2010 for the pomfret family (Bramidae) were 593,171 pounds, but cannot be used to develop a bycatch ratio for pomfret species, as the exact composition of the landings reported for Bramidae is unknown.

c Pacific Region landings were not reported by oilfishes, but were reported for oilfishes in general. Landings for the year 2010 for the snake mackerel family (Gempylidae) were 591,916 pounds, but could not be used to develop a bycatch ratio for snake mackerel species, as the exact composition of the landings reported for Gempylidae is unknown.

d Pacific Region landings were not reported by mako shark species, but were reported for mako sharks in general. Landings for the year 2010 for the mako shark genus (Isurus) were 184,458 pounds, but could not be used to develop a bycatch ratio for mako shark species, as the exact composition of the landings reported for Isurus spp. is unknown.