

TABLE 7.5.3a PACIFIC ISLANDS REGION FISH BYCATCH BY FISHERY (2013) Fishery bycatch ratio = bycatch / (bycatch + landings).

COMMON NAME	SCIENTIFIC NAME	YEAR	BYCATCH (LIVE+DEAD)	BYCATCH (DEAD)	UNIT	CV	FOOTNOTE(S)
American Samoa Pelagic Longline							
Albacore - South Pacific	Thunnus alalunga	2013	34,152.50	32,144.40	POUND		
Bigeye thresher	Alopias superciliosus	2013	27,129.00	3,784.50	POUND		a
Bigeye tuna - Pacific	Thunnus obesus	2013	31,775.30	2,974.20	POUND		
Billfishes	Istiophoridae	2013	1,287.10	1,287.10	POUND		
Black gemfish	Nesiarchus nasutus	2013	546.60	49.70	POUND		
Black mackerel	Scombrobrax heterolepis	2013	13,455.90	7,594.50	POUND		
Blue marlin - Pacific	Makaira nigricans	2013	63,365.40	33,254.20	POUND		
Blue shark - South Pacific	Prionace glauca	2013	190,896.40	4,886.90	POUND		
Bony fishes (other)	Osteichthyes	2013	2.50	2.50	POUND		
Bony fishes (unidentified)	Osteichthyes	2013	29.00	18.10	POUND		
Brama pomfrets (unidentified)	Bramidae	2013	190.70	78.90	POUND		b
Brilliant pomfret	Eumegistus illustris	2013	179.60	67.30	POUND		b
Cottonmouth jacks (unidentified)	Uraspis	2013	6.70	6.70	POUND		
Crestfish	Lophotus lacepede	2013	1,624.60	638.30	POUND		
Dolphinfish - Pacific	Coryphaena hippurus	2013	8,155.10	2,671.60	POUND		
Driftfishes	Cubiceps	2013	30.40	10.10	POUND		
Escolar	Lepidocybium flavobrunneum	2013	81,165.10	7,434.70	POUND		c
Great barracuda	Sphyrna barracuda	2013	9,504.90	2,328.70	POUND		
Hammerjaw	Omosudis lowii	2013	8.80	8.80	POUND		
Knifetail pomfret	Taractes rubescens	2013	103.20	0.00	POUND		b
Longfin mako	Isurus paucus	2013	784.90	0.00	POUND		d
Longnose lancetfish	Alepisaurus ferox	2013	24,516.90	22,440.30	POUND		
Makos	Isurus	2013	1,365.70	1,024.30	POUND		d
Manta	Manta birostris	2013	704.00	0.00	POUND		
Mantas and/or mobulas (unidentified)	Mobula	2013	330.00	0.00	POUND		
Ocean sunfish	Mola mola	2013	369.40	0.00	POUND		
Oceanic whitetip shark	Carcharhinus longimanus	2013	11,030.30	1,970.00	POUND		
Oilfish	Ruvettus pretiosus	2013	5,582.90	372.40	POUND		c
Opah - Pacific	Lampris guttatus	2013	9,153.10	3,050.70	POUND		
Pelagic stingray	Pteroplatytrygon violacea	2013	41,137.80	382.60	POUND		
Pompano dolphinfish	Coryphaena equiselis	2013	1.00	1.00	POUND		
Rainbow runner	Elagatis bipinnulata	2013	22.00	22.00	POUND		
Rays (unidentified)	Rajiformes	2013	62.20	0.00	POUND		
Razorback scabbardfish	Assurger anzac	2013	291.90	145.90	POUND		
Roudi escolar	Promethichthys prometheus	2013	30,348.90	6,069.80	POUND		c
Sailfish	Istiophorus platypterus	2013	7,631.80	7,268.50	POUND		

COMMON NAME	SCIENTIFIC NAME	YEAR	BYCATCH (LIVE+DEAD)	BYCATCH (DEAD)	UNIT	CV	FOOTNOTE(S)
Sharks (unidentified)	Chondrichthyes	2013	408.30	102.10	POUND		
Sharptail mola	Masturus lanceolatus	2013	660.00	0.00	POUND		
Shortbill spearfish	Tetrapturus angustirostris	2013	33,068.90	26,574.20	POUND		
Shortfin mako	Isurus oxyrinchus	2013	42,764.30	15,626.10	POUND		d
Sickle pomfret	Taractichthys steindachneri	2013	6,257.40	1,276.50	POUND		b
Silky shark	Carcharhinus falciformis	2013	30,048.40	5,309.60	POUND		
Skipjack tuna - Central Western Pacific	Katsuwonus pelamis	2013	28,944.90	28,745.20	POUND		
Slender mola	Ranzania laevis	2013	48,257.00	46,080.60	POUND		
Snake mackerel	Gempylus serpens	2013	7,883.90	1,181.00	POUND		c
Striped marlin - Central Western Pacific	Kajikia audax	2013	10,481.30	6,035.10	POUND		
Swordfish	Xiphias gladius	2013	3,488.70	2,824.10	POUND		
Tapertail ribbonfish	Trachipterus fukuzakii	2013	1,108.60	492.70	POUND		
Thresher sharks (unidentified)	Alopiidae	2013	1,394.00	697.00	POUND		a
Tunas	Scombridae	2013	20,140.00	20,140.00	POUND		
Wahoo - Pacific	Acanthocybium solandri	2013	35,594.80	32,405.50	POUND		
Yellowfin tuna - Central Western Pacific	Thunnus albacares	2013	41,100.50	18,191.10	POUND		
TOTAL FISHERY BYCATCH			908,542.60	347,669.50	POUND		
TOTAL FISHERY LANDINGS			6,244,564.00		POUND		
TOTAL CATCH (Bycatch + Landings)			7,153,106.60		POUND		
FISHERY BYCATCH RATIO (Bycatch/Total Catch)			0.13	0.05			
Hawaii-Based Deep-Set Pelagic Longline Fishery for Tuna							
Albacore - North Pacific	Thunnus alalunga	2013	7,936.00	7,532.80	POUND		
Bigeye sand tiger shark	Odontaspis noronhai	2013	575.30	0.00	POUND		
Bigeye thresher	Alopias superciliosus	2013	637,784.60	115,757.90	POUND		a
Bigeye tuna - Pacific	Thunnus obesus	2013	212,134.40	49,872.80	POUND		
Billfishes	Istiophoridae	2013	41,782.60	29,402.40	POUND		
Black gemfish	Nesiarchus nasutus	2013	685.80	304.80	POUND		
Black mackerel	Scombrolabrax heterolepis	2013	3,827.10	2,308.50	POUND		
Blue marlin - Pacific	Makaira nigricans	2013	20,053.40	10,798.80	POUND		
Blue shark - North Pacific	Prionace glauca	2013	5,306,479.20	220,749.50	POUND		
Bony fishes (other)	Osteichthyes	2013	1,034.00	531.80	POUND		
Bony fishes (unidentified)	Osteichthyes	2013	760.50	551.40	POUND		
Brama pomfrets (unidentified)	Bramidae	2013	8,683.40	3,064.40	POUND		b
Brilliant pomfret	Eumegistus illustris	2013	2,764.60	1,001.10	POUND		b
Cookiecutter shark	Isistius brasiliensis	2013	4.60	4.60	POUND		
Cottonmouth jacks (unidentified)	Uraspis	2013	23.40	11.70	POUND		
Crestfish	Lophotus lacepede	2013	2,237.60	1,172.10	POUND		
Crocodile shark	Pseudocarcharias kamoharai	2013	6,240.00	573.50	POUND		
Deepwater dogfishes	Squalidae	2013	3,779.10	1,297.80	POUND		

Table 7.5.3a

COMMON NAME	SCIENTIFIC NAME	YEAR	BYCATCH (LIVE+DEAD)	BYCATCH (DEAD)	UNIT	CV	FOOTNOTE(S)
Dolphinfish - Pacific	<i>Coryphaena hippurus</i>	2013	52,275.10	31,809.40	POUND		
Driftfishes	<i>Cubiceps</i>	2013	68.60	20.60	POUND		
Escolar	<i>Lepidocybium flavobrunneum</i>	2013	59,302.10	19,860.30	POUND		c
Galapagos shark	<i>Carcharhinus galapagensis</i>	2013	465.30	0.00	POUND		
Great barracuda	<i>Sphyrna barracuda</i>	2013	823.10	293.90	POUND		
Hammerhead sharks	<i>Sphyrna</i>	2013	1,186.50	593.30	POUND		
Hammerjaw	<i>Omosudis lowii</i>	2013	1,295.80	1,196.20	POUND		
Knifetail pomfret	<i>Taractes rubescens</i>	2013	106,072.00	17,841.30	POUND		b
Longfin mako	<i>Isurus paucus</i>	2013	14,933.40	1,935.40	POUND		d
Longnose lancetfish	<i>Alepisaurus ferox</i>	2013	1,629,232.00	1,509,809.30	POUND		
Makos	<i>Isurus</i>	2013	4,273.40	1,068.30	POUND		d
Manta	<i>Manta birostris</i>	2013	440.00	0.00	POUND		
Mantas and/or mobulas (unidentified)	<i>Mobula</i>	2013	6,666.00	0.00	POUND		
Ocean sunfish	<i>Mola mola</i>	2013	9,939.00	0.00	POUND		
Oceanic whitetip shark	<i>Carcharhinus longimanus</i>	2013	34,068.60	6,115.30	POUND		
Oilfish	<i>Ruvettus pretiosus</i>	2013	10,158.60	1,766.60	POUND		c
Opah - Pacific	<i>Lampris guttatus</i>	2013	54,488.90	28,552.20	POUND		
Pelagic puffer	<i>Lagocephalus lagocephalus</i>	2013	2,154.30	601.30	POUND		
Pelagic stingray	<i>Pteroplatytrygon violacea</i>	2013	26,862.00	4,155.60	POUND		
Pelagic thresher	<i>Alopias pelagicus</i>	2013	13,840.80	2,049.80	POUND		a
Pompano dolphinfish	<i>Coryphaena equiselis</i>	2013	906.50	730.20	POUND		
Rays (unidentified)	<i>Rajiformes</i>	2013	138.60	0.00	POUND		
Razorback scabbardfish	<i>Assurger anzac</i>	2013	857.90	571.90	POUND		
Roudi escolar	<i>Promethichthys prometheus</i>	2013	116,852.30	44,941.40	POUND		c
Rough pomfret	<i>Taractes asper</i>	2013	3,150.40	345.00	POUND		b
Sailfish	<i>Istiophorus platypterus</i>	2013	450.40	150.10	POUND		
Salmon shark	<i>Lamna ditropis</i>	2013	403.10	0.00	POUND		
Sandbar shark	<i>Carcharhinus plumbeus</i>	2013	643.30	0.00	POUND		
Scalloped hammerhead	<i>Sphyrna lewini</i>	2013	215.00	215.00	POUND		
Scalloped ribbonfish	<i>Zu cristatus</i>	2013	114.50	38.10	POUND		
Sharks (unidentified)	<i>Chondrichthyes</i>	2013	12,590.00	1,039.90	POUND		
Sharptail mola	<i>Masturus lanceolatus</i>	2013	16,236.00	0.00	POUND		
Shortbill spearfish	<i>Tetrapturus angustirostris</i>	2013	36,441.80	30,414.40	POUND		
Shortfin mako	<i>Isurus oxyrinchus</i>	2013	338,312.00	59,272.30	POUND		d
Sickle pomfret	<i>Taractichthys steindachneri</i>	2013	14,885.30	4,596.60	POUND		b
Silky shark	<i>Carcharhinus falciformis</i>	2013	51,854.20	9,805.60	POUND		
Skipjack tuna - Central Western Pacific	<i>Katsuwonus pelamis</i>	2013	70,456.20	68,906.20	POUND		
Slender mola	<i>Ranzania laevis</i>	2013	20,427.00	11,831.30	POUND		
Smooth hammerhead	<i>Sphyrna zygaena</i>	2013	19,347.30	8,793.30	POUND		

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COMMON NAME	SCIENTIFIC NAME	YEAR	BYCATCH (LIVE+DEAD)	BYCATCH (DEAD)	UNIT	CV	FOOTNOTE(S)
Snake mackerel	Gempylus serpens	2013	278,859.10	114,137.00	POUND		c
Striped marlin - Central Western Pacific	Kajikia audax	2013	23,568.80	14,850.70	POUND		
Tapertail ribbonfish	Trachipterus fukuzakii	2013	3,804.30	1,729.00	POUND		
Thresher sharks (unidentified)	Alopiidae	2013	54,316.30	6,208.40	POUND		a
Tiger shark	Galeocerdo cuvier	2013	17,811.20	5,936.50	POUND		
Tunas	Scombridae	2013	18,067.30	16,273.20	POUND		
Unidentified puffers	Tetraodontidae	2013	38.70	25.80	POUND		
Unidentified snake mackerels	Gempylidae	2013	5.20	5.20	POUND		c
Wahoo - Pacific	Acanthocybium solandri	2013	14,893.40	14,521.00	POUND		
Yellowfin tuna - Central Western Pacific	Thunnus albacares	2013	16,833.90	8,770.50	POUND		
TOTAL FISHERY BYCATCH			9,417,811.10	2,496,713.30	POUND		
TOTAL FISHERY LANDINGS			24,744,588.00		POUND		
TOTAL CATCH (Bycatch + Landings)			34,162,399.10		POUND		
FISHERY BYCATCH RATIO (Bycatch/Total Catch)			0.28	0.07			
Hawaii-Based Shallow-Set Pelagic Longline Fishery for Swordfish							
Albacore - North Pacific	Thunnus alalunga	2013	2,558.30	1,126.70	POUND		
Bigeye thresher	Alopias superciliosus	2013	6,318.90	1,404.10	POUND		a
Bigeye tuna - Pacific	Thunnus obesus	2013	1,203.70	529.60	POUND		
Billfishes	Istiophoridae	2013	136.60	0.00	POUND		
Black gemfish	Nesiarchus nasutus	2013	3.10	0.00	POUND		
Blue shark - North Pacific	Prionace glauca	2013	188,976.50	18,066.20	POUND		
Bony fishes (other)	Osteichthyes	2013	67.30	39.80	POUND		
Bony fishes (unidentified)	Osteichthyes	2013	12.20	6.10	POUND		
Brama pomfrets (unidentified)	Bramidae	2013	296.60	163.00	POUND		b
Cookiecutter shark	Isistius brasiliensis	2013	1.60	0.00	POUND		
Crestfish	Lophotus lacepede	2013	11.00	11.00	POUND		
Crocodile shark	Pseudocarcharias kamoharai	2013	9.90	4.90	POUND		
Deepwater dogfishes	Squalidae	2013	3.70	3.70	POUND		
Dolphinfish - Pacific	Coryphaena hippurus	2013	1,734.20	269.80	POUND		
Driftfishes	Cubiceps	2013	2.60	2.60	POUND		
Escolar	Lepidocybium flavobrunneum	2013	3,311.50	1,476.60	POUND		c
Galapagos shark	Carcharhinus galapagensis	2013	186.10	0.00	POUND		
Knifetail pomfret	Taractes rubescens	2013	66.20	11.00	POUND		b
Longfin mako	Isurus paucus	2013	1,188.70	297.20	POUND		d
Longnose lancetfish	Alepisaurus ferox	2013	6,875.20	6,444.10	POUND		
Makos	Isurus	2013	109.90	22.00	POUND		d
Ocean sunfish	Mola mola	2013	9,240.00	439.80	POUND		
Oceanic whitetip shark	Carcharhinus longimanus	2013	4,716.40	349.50	POUND		
Oilfish	Ruvettus pretiosus	2013	6,624.00	755.80	POUND		c

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COMMON NAME	SCIENTIFIC NAME	YEAR	BYCATCH (LIVE+DEAD)	BYCATCH (DEAD)	UNIT	CV	FOOTNOTE(S)
Opah - Pacific	Lampris guttatus	2013	4,940.40	1,580.90	POUND		
Pelagic puffer	Lagocephalus lagocephalus	2013	14.20	0.00	POUND		
Pelagic stingray	Pteroplatytrygon violacea	2013	2,706.00	151.80	POUND		
Roudi escolar	Promethichthys prometheus	2013	117.60	117.60	POUND		c
Salmon shark	Lamna ditropis	2013	681.90	511.40	POUND		
Sandbar shark	Carcharhinus plumbeus	2013	103.70	20.70	POUND		
Sharks (unidentified)	Chondrichthyes	2013	1,065.00	67.90	POUND		
Sharptail mola	Masturus lanceolatus	2013	264.00	0.00	POUND		
Shortbill spearfish	Tetrapturus angustirostris	2013	424.10	176.70	POUND		
Shortfin mako	Isurus oxyrinchus	2013	21,322.20	5,473.40	POUND		d
Sickle pomfret	Taractichthys steindachneri	2013	89.00	38.20	POUND		b
Skipjack tuna - Central Western Pacific	Katsuwonus pelamis	2013	13.30	13.30	POUND		
Smooth hammerhead	Sphyrna zygaena	2013	283.40	283.40	POUND		
Snake mackerel	Gempylus serpens	2013	556.10	365.80	POUND		c
Striped marlin - Central Western Pacific	Kajikia audax	2013	1,639.10	409.80	POUND		
Swordfish	Xiphias gladius	2013	30,810.00	20,192.90	POUND		
Tapertail ribbonfish	Trachipterus fukuzakii	2013	833.20	583.20	POUND		
Thresher shark	Alopias vulpinus	2013	467.10	233.60	POUND		a
Thresher sharks (unidentified)	Alopiidae	2013	842.50	140.40	POUND		a
Tiger shark	Galeocerdo cuvier	2013	1,736.50	0.00	POUND		
Tunas	Scombridae	2013	32.90	26.30	POUND		
Wahoo - Pacific	Acanthocybium solandri	2013	18.30	18.30	POUND		
TOTAL FISHERY BYCATCH			302,614.70	61,829.10	POUND		
TOTAL FISHERY LANDINGS			2,288,638.00		POUND		
TOTAL CATCH (Bycatch + Landings)			2,591,252.70		POUND		
FISHERY BYCATCH RATIO (Bycatch/Total Catch)			0.12	0.02			

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.