

NBR FIRST EDITION UPDATE

TABLE 7.1 SOUTHWEST REGION FISH BYCATCH BY FISHERY Fishery bycatch ratio = bycatch / (bycatch + landings). Some bycatch ratios (marked **) could not be developed, e.g., where bycatch was by weight and numbers of individuals, and landings were in pounds.

COMMON NAME	SCIENTIFIC NAME	YEAR	BYCATCH	UNIT	CV	FOOTNOTE(S)
California Halibut/White Seabass and Other Species Set Gillnet (>3.5 in Mesh)						
American shad	<i>Alosa sapidissima</i>	2010	8.00	INDIVIDUAL	0.99	
Armed box crab	<i>Platymera gaudichaudii</i>	2010	1,676.00	INDIVIDUAL	0.23	
Barred sand bass	<i>Paralabrax nebulifer</i>	2010	88.00	INDIVIDUAL	0.37	
Bat ray	<i>Myliobatis californica</i>	2010	591.00	INDIVIDUAL	0.27	
Big skate	<i>Raja binoculata</i>	2010	295.00	INDIVIDUAL	0.41	
Bigmouth sole	<i>Hippoglossina stomata</i>	2010	16.00	INDIVIDUAL	0.99	
Bluntnose sevengill shark	<i>Notorynchus cepedianus</i>	2010	8.00	INDIVIDUAL	1.00	
Bocaccio - Southern Pacific Coast	<i>Sebastes paucispinis</i>	2010	16.00	INDIVIDUAL	0.70	
Brown rockfish - Pacific Coast	<i>Sebastes auriculatus</i>	2010	8.00	INDIVIDUAL	1.00	
Brown smoothhound shark	<i>Mustelus henlei</i>	2010	894.00	INDIVIDUAL	0.19	
Cabezon - California	<i>Scorpaenichthys marmoratus</i>	2010	72.00	INDIVIDUAL	0.42	
California butterfly ray	<i>Gymnura marmorata</i>	2010	8.00	INDIVIDUAL	1.01	
California halibut	<i>Paralichthys californicus</i>	2010	184.00	INDIVIDUAL	0.26	
California scorpionfish - Southern California	<i>Scorpaena guttata</i>	2010	263.00	INDIVIDUAL	0.41	
California sheephead	<i>Semicossyphus pulcher</i>	2010	8.00	INDIVIDUAL	0.98	
California skate	<i>Raja inornata</i>	2010	830.00	INDIVIDUAL	0.20	
California spiny lobster	<i>Panulirus interruptus</i>	2010	144.00	INDIVIDUAL	0.34	
Copper rockfish	<i>Sebastes caurinus</i>	2010	8.00	INDIVIDUAL	0.99	
Fishes (other, unidentified)		2010	8.00	INDIVIDUAL	1.00	
Fishes (unidentified)		2010	24.00	INDIVIDUAL	0.74	
Flatfishes (unidentified)	Pleuronectiformes	2010	24.00	INDIVIDUAL	0.58	
Garibaldi	<i>Hypsypops rubicundus</i>	2010	8.00	INDIVIDUAL	1.00	
Giant sea bass	<i>Stereolepis gigas</i>	2010	24.00	INDIVIDUAL	0.72	
Gray smoothhound shark	<i>Mustelus californicus</i>	2010	8.00	INDIVIDUAL	1.00	
Horn shark	<i>Heterodontus francisci</i>	2010	8.00	INDIVIDUAL	0.98	
Hornyhead turbot	<i>Pleuronichthys verticalis</i>	2010	56.00	INDIVIDUAL	0.55	
Invertebrates (unidentified)		2010	8.00	INDIVIDUAL	1.01	

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Kelp bass	<i>Paralabrax clathratus</i>	2010	24.00	INDIVIDUAL	0.73	
Leopard shark	<i>Triakis semifasciata</i>	2010	327.00	INDIVIDUAL	0.36	
Lingcod - Pacific Coast	<i>Ophiodon elongatus</i>	2010	24.00	INDIVIDUAL	0.57	
Longnose skate - Pacific Coast	<i>Raja rhina</i>	2010	184.00	INDIVIDUAL	0.42	
Lumptail searobin	<i>Prionotus stephanophrys</i>	2010	8.00	INDIVIDUAL	1.01	
Northern anchovy - Southern Pacific Coast	<i>Engraulis mordax</i>	2010	24.00	INDIVIDUAL	0.73	
Ocean whitefish	<i>Caulolatilus princeps</i>	2010	16.00	INDIVIDUAL	1.00	
Octopus (unidentified)	Octopoda	2010	64.00	INDIVIDUAL	0.35	
Pacific angel shark	<i>Squatina californica</i>	2010	216.00	INDIVIDUAL	0.24	
Pacific barracuda	<i>Sphyraena argentea</i>	2010	48.00	INDIVIDUAL	0.40	
Pacific chub mackerel - Pacific Coast	<i>Scomber japonicus</i>	2010	11,805.00	INDIVIDUAL	0.52	
Pacific electric ray	<i>Torpedo californica</i>	2010	8.00	INDIVIDUAL	0.99	
Pacific hagfish	<i>Eptatretus stoutii</i>	2010	8.00	INDIVIDUAL	0.99	
Pacific hake - Pacific Coast	<i>Merluccius productus</i>	2010	8.00	INDIVIDUAL	0.98	
Pacific pompano	<i>Peprilus simillimus</i>	2010	24.00	INDIVIDUAL	0.76	
Pacific sanddab - Pacific Coast	<i>Citharichthys sordidus</i>	2010	80.00	INDIVIDUAL	0.82	
Pacific sardine - Pacific Coast	<i>Sardinops sagax</i>	2010	32.00	INDIVIDUAL	0.49	
Pink seaperch	<i>Zalembius rosaceus</i>	2010	16.00	INDIVIDUAL	1.01	
Rock crabs	Decapoda	2010	1,006.00	INDIVIDUAL	0.15	
Rockfishes (unidentified)	<i>Sebastes</i>	2010	8.00	INDIVIDUAL	1.00	
Round stingray	<i>Urobatis halleri</i>	2010	8.00	INDIVIDUAL	1.00	
Sand crabs	Decapoda	2010	16.00	INDIVIDUAL	1.01	
Sand sole - Pacific Coast	<i>Psettichthys melanostictus</i>	2010	16.00	INDIVIDUAL	0.70	
Sanddabs (unidentified)	<i>Citharichthys</i>	2010	8.00	INDIVIDUAL	1.00	
Sculpins (unidentified)	Cottidae	2010	32.00	INDIVIDUAL	0.61	
Sea cucumbers	Holothuriidae	2010	223.00	INDIVIDUAL	0.58	
Sea stars	Asteroidea	2010	56.00	INDIVIDUAL	0.51	
Sea urchins	Echinoidea	2010	56.00	INDIVIDUAL	0.75	
Shovelnose guitarfish	<i>Rhinobatos productus</i>	2010	112.00	INDIVIDUAL	0.42	
Skates (unidentified)	Rajidae	2010	32.00	INDIVIDUAL	0.79	
Slender sole	<i>Lyopsetta exilis</i>	2010	56.00	INDIVIDUAL	0.62	
Tope	<i>Galeorhinus galeus</i>	2010	216.00	INDIVIDUAL	0.41	a
Spider crabs	Decapoda	2010	1,165.00	INDIVIDUAL	0.17	

Table 7.1

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COMMON NAME	SCIENTIFIC NAME	YEAR	BYCATCH	UNIT	CV	FOOTNOTE(S)
Spiny dogfish - Pacific Coast	<i>Squalus acanthias</i>	2010	1,101.00	INDIVIDUAL	0.22	
Spotted ratfish	<i>Hydrolagus colliei</i>	2010	184.00	INDIVIDUAL	0.59	
Starry skate	<i>Raja stellulata</i>	2010	16.00	INDIVIDUAL	1.00	
Swell shark	<i>Cephaloscyllium ventriosum</i>	2010	1,405.00	INDIVIDUAL	0.30	
Thornback	<i>Platyrhinoidis triseriata</i>	2010	64.00	INDIVIDUAL	0.42	
Thresher shark	<i>Alopias vulpinus</i>	2010	40.00	INDIVIDUAL	0.44	
Treefish	<i>Sebastes serriceps</i>	2010	24.00	INDIVIDUAL	0.57	
Vermilion rockfish - California	<i>Sebastes miniatus</i>	2010	56.00	INDIVIDUAL	0.86	
White croaker	<i>Genyonemus lineatus</i>	2010	80.00	INDIVIDUAL	0.42	
White seabass	<i>Atractoscion nobilis</i>	2010	144.00	INDIVIDUAL	0.36	
TOTAL FISHERY BYCATCH			24,325.00	INDIVIDUAL		
TOTAL FISHERY LANDINGS			525,273.00	POUND		
FISHERY BYCATCH RATIO (Bycatch/Total Catch)					**	
California Small-Mesh Drift Gillnet (Mesh Size >3.5 in and < 14 in)						
Brown smoothhound shark	<i>Mustelus henlei</i>	2010	64.00	INDIVIDUAL	0.68	
Ocean sunfish	<i>Mola mola</i>	2010	64.00	INDIVIDUAL	0.68	
Pacific barracuda	<i>Sphyræna argentea</i>	2010	43.00	INDIVIDUAL	0.94	
Pacific chub mackerel - Pacific Coast	<i>Scomber japonicus</i>	2010	256.00	INDIVIDUAL	0.95	
Shortfin mako	<i>Isurus oxyrinchus</i>	2010	64.00	INDIVIDUAL	0.96	
Spiny dogfish - Pacific Coast	<i>Squalus acanthias</i>	2010	107.00	INDIVIDUAL	0.65	
Thresher shark	<i>Alopias vulpinus</i>	2010	320.00	INDIVIDUAL	0.71	
TOTAL FISHERY BYCATCH			918.00	INDIVIDUAL		
TOTAL FISHERY LANDINGS			238,015.00	POUND		
FISHERY BYCATCH RATIO (Bycatch/Total Catch)					**	
California/Oregon Drift Gillnet (Mesh Size >14 in) for Swordfish and Thresher Shark						
Bigeye thresher	<i>Alopias superciliosus</i>	2010	8.00	INDIVIDUAL	1.01	
Blue shark - Pacific	<i>Prionace glauca</i>	2010	233.00	INDIVIDUAL	0.35	
Invertebrates (unidentified)		2010	8.00	INDIVIDUAL	1.00	
Louvar	<i>Luvarus imperialis</i>	2010	8.00	INDIVIDUAL	1.01	
Ocean sunfish	<i>Mola mola</i>	2010	5,846.00	INDIVIDUAL	0.34	
Pacific chub mackerel - Pacific Coast	<i>Scomber japonicus</i>	2010	242.00	INDIVIDUAL	0.38	
Pacific electric ray	<i>Torpedo californica</i>	2010	17.00	INDIVIDUAL	0.69	

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COMMON NAME	SCIENTIFIC NAME	YEAR	BYCATCH	UNIT	CV	FOOTNOTE(S)
Remoras	<i>Remora</i>	2010	17.00	INDIVIDUAL	0.69	
Rockfishes (unidentified)	<i>Sebastes</i>	2010	8.00	INDIVIDUAL	1.00	
Salmon shark	<i>Lamna ditropis</i>	2010	25.00	INDIVIDUAL	0.56	
Striped marlin	<i>Kajikia audax</i>	2010	8.00	INDIVIDUAL	1.00	
Thresher shark	<i>Alopias vulpinus</i>	2010	8.00	INDIVIDUAL	1.00	
TOTAL FISHERY BYCATCH			6,428.00	INDIVIDUAL		
TOTAL FISHERY LANDINGS			370,607.00	POUND		
FISHERY BYCATCH RATIO (Bycatch/Total Catch)					**	

FOOTNOTES:

a Species is commonly known as soupfin shark.