

Table A. Summary of Stock Status for FSSI Stocks

Fishery Management Plan	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)		Overfished? (Is Biomass below Threshold?)		Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress
			Pre SFA	Post SFA	Pre SFA	Post SFA			
Fishery Management Plan	Atlantic Sea Scallop	NEFMC		Yes		No	No	reduce mortality	N/A
Northeast Multispecies	Cod - Gulf of Maine	NEFMC		Yes		Yes	N/A	reduce mortality continue rebuilding	2/10-year plan
Northeast Multispecies	Cod - Georges Bank	NEFMC		Yes		Yes	N/A	reduce mortality continue rebuilding	2/22-year plan
Northeast Multispecies	Haddock - Gulf of Maine	NEFMC		No		Yes	N/A	continue rebuilding	2/10-year plan
Northeast Multispecies	Haddock - Georges Bank	NEFMC		No		Yes	N/A	continue rebuilding	2/10-year plan
Northeast Multispecies	American Plaice	NEFMC		No		Yes	N/A	continue rebuilding	2/10-year plan
Northeast Multispecies	Redfish	NEFMC		No		No - rebuilding	No	continue rebuilding ¹	2/47-year plan
Northeast Multispecies	Witch Flounder	NEFMC		No		No	No	N/A	N/A
Northeast Multispecies	Yellowtail Flounder - Georges Bank	NEFMC		Yes		Yes	N/A	reduce mortality rebuilding program	to be developed ²
Northeast Multispecies	Yellowtail Flounder - Southern New England/Middle Atlantic	NEFMC		Yes		Yes	N/A	reduce mortality continue rebuilding	2/10-year plan
Northeast Multispecies	Yellowtail Flounder - Cape Cod / Gulf of Maine	NEFMC		Yes		Yes	N/A	reduce mortality continue rebuilding	2/19-year plan
Northeast Multispecies	White Hake	NEFMC		Yes		Yes	N/A	reduce mortality continue rebuilding	2/10-year plan
Northeast Multispecies	Pollock	NEFMC		No		No - rebuilding	No	continue rebuilding ¹	2/10-year plan

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			Pre SFA	Post SFA	Pre SFA	Post SFA			
Northeast Multispecies	Windowpane Flounder - Gulf of Maine / Georges Bank	NEFMC		No		No	No	N/A	N/A
Northeast Multispecies	Windowpane Flounder - Southern New England /Middle Atlantic	NEFMC		No		Yes	N/A	continue rebuilding	2/10-year plan
Northeast Multispecies	Winter Flounder - Gulf of Maine	NEFMC		No		No	No	N/A	N/A
Northeast Multispecies	Winter Flounder - Georges Bank	NEFMC		Yes		No	No	reduce mortality	N/A
Northeast Multispecies	Winter Flounder - Southern New England / Middle Atlantic	NEFMC		Yes		Yes	N/A	reduce mortality continue rebuilding	2/10-year plan
Northeast Multispecies	Silver Hake - Gulf of Maine / Northern Georges Bank	NEFMC		No		No	No	N/A	N/A
Northeast Multispecies	Silver Hake - Southern Georges Bank / Middle Atlantic	NEFMC		Unknown		No - rebuilding	No	continue rebuilding ¹	6/10-year plan
Northeast Multispecies	Red Hake - Gulf of Maine / Northern Georges Bank	NEFMC		Unknown		No	No	N/A	N/A
Northeast Multispecies	Red Hake - Southern Georges Bank / Middle Atlantic	NEFMC		Undefined		No	Unknown ³	N/A	N/A
Northeast Multispecies	Ocean Pout	NEFMC		No		Yes	N/A	continue rebuilding	2/10-year plan
Northeast Multispecies	Atlantic Halibut	NEFMC		Unknown		Yes	N/A	continue rebuilding	undetermined ⁴
Northeast Multispecies	Offshore Hake	NEFMC		Undefined		No	Unknown ³	N/A	N/A
Northeast Skate	Little Skate	NEFMC		No		No	No	N/A	N/A
Northeast Skate	Winter Skate	NEFMC		No		No	No	N/A	N/A
Northeast Skate	Barndoor Skate	NEFMC		No		No - rebuilding	No	continue rebuilding ¹	year 3 of plan ⁵

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Northeast Skate	Thorny Skate	NEFMC		No		Yes	N/A	continue rebuilding	year 3 of plan ⁵
Northeast Skate	Clearnose Skate	NEFMC		No		No	No	N/A	N/A
Northeast Skate	Rosette Skate	NEFMC		No		No	No	N/A	N/A
Northeast Skate	Smooth Skate	NEFMC		No		No	Unknown ³	N/A	N/A
Atlantic Herring	Atlantic Herring	NEFMC		No		No	No	N/A	N/A
Red Crab	Deep-Sea Red Crab	NEFMC		No		Unknown	Unknown	N/A	N/A
Monkfish	Monkfish - North	NEFMC / MAFMC		Yes ⁶		No - rebuilding	No	reduce mortality continue rebuilding ¹	6/10-year plan ⁷
Monkfish	Monkfish - South	NEFMC / MAFMC		Yes ⁶		No - rebuilding	No	reduce mortality continue rebuilding ¹	6/10-year plan ⁷
Spiny Dogfish	Spiny Dogfish	NEFMC / MAFMC		No		Undefined ⁸	Unknown	continue rebuilding	6/5-year plan ⁹
Summer Flounder, Scup, and Black Sea Bass	Summer Flounder	MAFMC		Yes		No - rebuilding	No	reduce mortality continue rebuilding ¹	6/10-year plan
Summer Flounder, Scup, and Black Sea Bass	Scup	MAFMC		Yes ¹⁰		Yes	N/A	reduce mortality continue rebuilding	disapproved
Summer Flounder, Scup, and Black Sea Bass	Black Sea Bass	MAFMC		No		No - rebuilding	No	continue rebuilding ¹	6/10-year plan
Atlantic Bluefish	Bluefish (except Gulf of Mexico)	MAFMC		No		No - rebuilding	No	continue rebuilding ¹	5/9-year plan ¹¹
Atlantic Surfclam and Ocean Quahog	Atlantic Surfclam	MAFMC		No		No	No	N/A	N/A
Atlantic Surfclam and Ocean Quahog	Ocean Quahog	MAFMC		No		No	No	N/A	N/A
Atlantic Mackerel, Squid, and Butterfish	Squid - Illex	MAFMC		No		Unknown	Unknown	N/A	N/A
Atlantic Mackerel, Squid, and Butterfish	Squid - Loligo	MAFMC		No		No	No	N/A	N/A
Atlantic Mackerel, Squid, and Butterfish	Atlantic Mackerel	MAFMC		No		No	No	N/A	N/A

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			Pre SFA	Post SFA	Pre SFA	Post SFA			
Atlantic Mackerel, Squid, and Butterfish	Butterfish (Atlantic)	MAFMC		No		Yes	N/A	rebuilding program	to be developed ¹²
Tilefish	Golden Tilefish (except South Atlantic and Gulf of Mexico)	MAFMC		No		No - rebuilding	No	continue rebuilding ¹	5/10-year plan
South Atlantic Shrimp	White Shrimp	SAFMC		No		No	No	N/A	N/A
South Atlantic Shrimp	Rock Shrimp	SAFMC		No		No	No	N/A	N/A
South Atlantic Shrimp	Brown Shrimp	SAFMC		No		No	No	N/A	N/A
South Atlantic Shrimp	Pink Shrimp	SAFMC		No		No	No	N/A	N/A
South Atlantic Snapper-Grouper	Vermilion Snapper	SAFMC		Yes		Unknown ¹³	Unknown	reduce mortality continue rebuilding ¹⁴	7/10-year plan*
South Atlantic Snapper-Grouper	Red Snapper	SAFMC		Yes	Yes ¹⁵		N/A	reduce mortality continue rebuilding	14/15-year plan* ¹⁶
South Atlantic Snapper-Grouper	Snowy Grouper	SAFMC		Yes		Yes	N/A	reduce mortality continue rebuilding	14/15-year plan* ¹⁷
South Atlantic Snapper-Grouper	Tilefish	SAFMC		Yes		No - rebuilding ¹⁸	No	reduce mortality continue rebuilding ¹	13/15-year plan*
South Atlantic Snapper-Grouper	Red Grouper	SAFMC		Yes	Yes ¹⁵		N/A	reduce mortality continue rebuilding	14/15-year plan* ¹⁶
South Atlantic Snapper-Grouper	Black Sea Bass	SAFMC		Yes		Yes	N/A	reduce mortality continue rebuilding	6/10-year plan ¹⁷
South Atlantic Snapper-Grouper	Gag	SAFMC		Yes	No - rebuilding ¹⁵		No	reduce mortality continue rebuilding ¹	14/15-year plan* ¹⁶
South Atlantic Snapper-Grouper	Greater Amberjack	SAFMC		No	No ¹⁵		No	N/A	N/A
South Atlantic Snapper-Grouper	Scamp	SAFMC		No	No ¹⁵		Unknown	N/A	N/A
South Atlantic Snapper-Grouper	White Grunt	SAFMC		No	No ¹⁵		Unknown	N/A	N/A
South Atlantic Snapper-Grouper	Black Grouper	SAFMC		Yes	Yes ¹⁵		N/A	reduce mortality continue rebuilding	5/15-year plan* ¹⁶

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			Pre SFA	Post SFA	Pre SFA	Post SFA			
South Atlantic Snapper-Grouper	Goliath Grouper	SAFMC		Unknown ¹⁹	Yes ¹⁵		N/A	continue rebuilding	14/15-year plan ¹⁶
South Atlantic Snapper-Grouper	Gray Triggerfish	SAFMC		No	No ¹⁵		Unknown	N/A	N/A
South Atlantic Snapper-Grouper	Hogfish	SAFMC		Unknown	Unknown		Unknown	N/A	N/A
South Atlantic Snapper-Grouper	Red Porgy	SAFMC		No		Yes	N/A	continue rebuilding	7/18-year plan ²⁰
South Atlantic Snapper-Grouper	Speckled Hind	SAFMC		Yes	Yes ¹⁵		N/A	reduce mortality continue rebuilding	14/15-year plan ¹⁶
South Atlantic Snapper-Grouper	Warsaw Grouper	SAFMC		Yes	Yes ¹⁵		N/A	reduce mortality continue rebuilding	13/15-year plan ¹⁶
South Atlantic Snapper-Grouper	Wreckfish	SAFMC		No	No ¹⁵		Unknown ³	N/A	N/A
Dolphin Wahoo and Coastal Migratory Pelagics of the Gulf of Mexico and South Atlantic	Dolphin	SAFMC / GMFMC		No		No	No	N/A	N/A
Coastal Migratory Pelagics of the Gulf of Mexico and South Atlantic	King Mackerel - Gulf Group	SAFMC / GMFMC		No		No - rebuilding	No	continue rebuilding ¹	year 19 of plan**
Coastal Migratory Pelagics of the Gulf of Mexico and South Atlantic	King Mackerel - Atlantic Group	SAFMC / GMFMC		No		No	No	N/A	N/A
Coastal Migratory Pelagics of the Gulf of Mexico and South Atlantic	Spanish Mackerel - Gulf Group	SAFMC / GMFMC		No		No	No	N/A	N/A
Coastal Migratory Pelagics of the Gulf of Mexico and South Atlantic	Spanish Mackerel - Atlantic Group	SAFMC / GMFMC		No		No	No	N/A	N/A
Coastal Migratory Pelagics of the Gulf of Mexico and South Atlantic	Little Tunny	SAFMC / GMFMC		No	No ¹⁵		No	N/A	N/A
Coastal Migratory Pelagics of the Gulf of Mexico and South Atlantic	Cobia	SAFMC / GMFMC		No		No	No	N/A	N/A

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South Atlantic Snapper-Grouper and Reef Fish Resources of the Gulf of Mexico	Yellowtail Snapper	SAFMC/GMFMC		No ²¹		No ²¹	No	N/A	N/A
Gulf of Mexico / South Atlantic Spiny Lobster	Spiny Lobster	SAFMC / GMFMC		No		Unknown	Unknown	N/A	N/A
Gulf of Mexico Stone Crab	Stone Crab	GMFMC		No	No		No	N/A	N/A
Gulf of Mexico Shrimp	Brown Shrimp	GMFMC	No			No	No	N/A	N/A
Gulf of Mexico Shrimp	Pink Shrimp	GMFMC	No			No	No	N/A	N/A
Gulf of Mexico Shrimp	White Shrimp	GMFMC	No			No	No	N/A	N/A
Gulf of Mexico Shrimp	Royal Red Shrimp	GMFMC	No		Undefined		Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Red Snapper	GMFMC		Yes		Yes	N/A	reduce mortality continue rebuilding	5/31-year plan ²²
Reef Fish Resources of the Gulf of Mexico	Red Grouper	GMFMC		Yes		No - rebuilding	No	reduce mortality continue rebuilding ¹	3/10-year plan
Reef Fish Resources of the Gulf of Mexico	Greater Amberjack	GMFMC		Yes		Yes	N/A	reduce mortality continue rebuilding	3/7-year plan ²³
Reef Fish Resources of the Gulf of Mexico	Vermilion Snapper	GMFMC		Yes		Yes ²⁴	N/A	reduce mortality rebuilding program	2/10-year plan
Reef Fish Resources of the Gulf of Mexico	Gag	GMFMC		No	No ¹⁵		No	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Gray Triggerfish	GMFMC		Unknown	Unknown		Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Yellowedge Grouper	GMFMC		Unknown	Unknown		Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Snowy Grouper	GMFMC		Unknown	Unknown		Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Black Grouper	GMFMC		Unknown	Unknown		Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Goliath Grouper	GMFMC		Unknown ¹⁹	Yes ¹⁵		N/A	continue rebuilding	year 14 of plan** ¹⁶
Reef Fish Resources of the Gulf of Mexico	Hogfish	GMFMC		Unknown	Unknown		Unknown	N/A	N/A

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Reef Fish Resources of the Gulf of Mexico	Nassau Grouper	GMFMC		No ²⁵	Yes ¹⁵		N/A	continue rebuilding	year 7 of plan** ¹⁶
Gulf of Mexico Red Drum	Red Drum	GMFMC		No	Yes ¹⁵		N/A	continue rebuilding	year 14 of plan** ¹⁶
Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Snapper Unit 1 ²⁶	CFMC		Yes		No	Yes ²⁷	reduce mortality	N/A
Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Snapper Unit 4 ²⁸	CFMC		Unknown		Unknown	Unknown	N/A	N/A
Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Grouper Unit 1 ²⁹	CFMC		Yes ³⁰		Yes	N/A	reduce mortality continue rebuilding	awaiting implementation ³¹
Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Grouper Unit 2 ³²	CFMC		No ³³		Yes	N/A	continue rebuilding	awaiting implementation ³⁴
Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Snapper Unit 3 ³⁵	CFMC		Unknown		Unknown	Unknown	N/A	N/A
Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Grouper Unit 4 ³⁶	CFMC		Yes		Yes	N/A	reduce mortality continue rebuilding	awaiting implementation ³⁷
Spiny Lobster Fishery of Puerto Rico and the U.S. Virgin Islands	Spiny Lobster	CFMC		Unknown		Unknown	Unknown	N/A	N/A
Queen Conch Resources of Puerto Rico and the U.S. Virgin Islands	Queen Conch	CFMC		Yes		Yes	N/A	reduce mortality continue rebuilding	awaiting implementation ³⁸
Pacific Coast Groundfish	Pacific Ocean Perch	PFMC		No		Yes	N/A	continue rebuilding	6/28-year rebuilding plan ³⁹
Pacific Coast Groundfish	Bocaccio	PFMC		No		Yes	N/A	continue rebuilding	6/24-year rebuilding plan ⁴⁰
Pacific Coast Groundfish	Canary Rockfish	PFMC		No		Yes	N/A	continue rebuilding	5/74-year rebuilding plan ³⁹
Pacific Coast Groundfish	Darkblotched Rockfish	PFMC		No		Yes	N/A	continue rebuilding	4/29-year rebuilding plan ³⁹

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Pacific Coast Groundfish	Cowcod	PFMC		No		Yes	N/A	continue rebuilding	5/90-year rebuilding plan ⁴⁰
Pacific Coast Groundfish	Yelloweye Rockfish	PFMC		No		Yes	N/A	continue rebuilding	3/56-year rebuilding plan ⁴⁰
Pacific Coast Groundfish	Lingcod ⁴¹	PFMC		No		No	No	reduce mortality	Rebuilt
Pacific Coast Groundfish	Widow Rockfish	PFMC		No		No - rebuilding	No	continue rebuilding ¹	4/37-year rebuilding plan ⁴⁰
Pacific Coast Groundfish	Shortspine Thornyhead	PFMC		No		No	No	reduce mortality	N/A
Pacific Coast Groundfish	Black Rockfish - North	PFMC		No		No	No	reduce mortality	N/A
Pacific Coast Groundfish	Pacific Whiting	PFMC		No		No ⁴²	No	N/A	N/A
Pacific Coast Groundfish	Bank Rockfish	PFMC		No		No	No	N/A	N/A
Pacific Coast Groundfish	Longspine Thornyhead	PFMC		No		No	No	N/A	N/A
Pacific Coast Groundfish	Yellowtail Rockfish	PFMC		No		No	No	N/A	N/A
Pacific Coast Groundfish	Sablefish	PFMC		No		No	No	N/A	N/A
Pacific Coast Groundfish	Dover Sole	PFMC		No		No	No	N/A	N/A
Pacific Coast Groundfish	English Sole	PFMC		No		No	No	N/A	N/A
Pacific Coast Groundfish	Petrale Sole	PFMC		No		No	No	N/A	N/A
Pacific Coast Groundfish	Chilipepper Rockfish	PFMC		No		No	No	N/A	N/A

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Pacific Coast Groundfish	Arrowtooth Flounder	PFMC		No		No	No	N/A	N/A
Pacific Coast Groundfish	Cabezon - South	PFMC		Unknown		No	No	N/A	N/A
Pacific Coast Groundfish	Pacific Cod	PFMC		Unknown		Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Rex Sole	PFMC		Unknown		Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Sand Sole	PFMC		Unknown		Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Starry Flounder	PFMC		Unknown		No	Unknown	N/A	N/A
Pacific Coast Groundfish	Blackgill Rockfish	PFMC		Unknown		No	Unknown	N/A	N/A
Pacific Coast Groundfish	Blue Rockfish	PFMC		Unknown		Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Brown Rockfish	PFMC		Unknown		Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Gopher Rockfish	PFMC		Unknown		No	Unknown	N/A	N/A
Pacific Coast Groundfish	Splitnose Rockfish	PFMC		Unknown		Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Vermilion Rockfish	PFMC		Unknown		Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Spiny Dogfish	PFMC		Unknown		Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	California Scorpionfish	PFMC		Unknown		No	Unknown	N/A	N/A
Pacific Coast Groundfish	Kelp Greenling	PFMC		Unknown		No	Unknown	N/A	N/A
Pacific Coast Groundfish	Longnose Skate	PFMC		Unknown		Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Pacific Rattail	PFMC		Unknown		Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Pacific Sanddab	PFMC		Unknown		Unknown	Unknown	N/A	N/A

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Pacific Coast Groundfish	Rougeye Rockfish	PFMC		Unknown		Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Shortbelly Rockfish	PFMC		No		No	No	N/A	N/A
Coastal Pelagic Species	Pacific (Chub) Mackerel	PFMC		No		No	No	N/A	N/A
Coastal Pelagic Species	Pacific Sardine	PFMC		No		No	No	N/A	N/A
Coastal Pelagic Species	Jack Mackerel	PFMC		No	Undefined		Unknown	N/A	N/A
Coastal Pelagic Species	Northern Anchovy - Central Subpopulation	PFMC		No	Undefined		Unknown	N/A	N/A
Coastal Pelagic Species	Market Squid	PFMC		Unknown		Unknown	Unknown	N/A	N/A
Coastal Pelagic Species	Northern Anchovy - Northern Subpopulation	PFMC	Undefined		Undefined		Unknown	N/A	N/A
West Coast Highly Migratory Species	Skipjack Tuna - Eastern Pacific ⁴³	PFMC		No		No	No	N/A	N/A
West Coast Highly Migratory Species	Yellowfin Tuna - Eastern Pacific ⁴³	PFMC		No		No	No	N/A	N/A
West Coast Highly Migratory Species	Striped Marlin - Eastern Pacific ⁴³	PFMC		No		No	No	N/A	N/A

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West Coast Highly Migratory Species and Pelagic Fisheries of the Western Pacific Region	Bigeye Tuna - Pacific ⁴⁴	PFMC/WPFC		Yes		No	Unknown	reduce mortality	N/A
West Coast Highly Migratory Species and Pelagic Fisheries of the Western Pacific Region	Swordfish - North Pacific	PFMC/WPFC		No		No	No	N/A	N/A
West Coast Highly Migratory Species and Pelagic Fisheries of the Western Pacific Region	Bluefin Tuna - Pacific	PFMC/WPFC		Unknown		Unknown	Unknown	N/A	N/A
West Coast Highly Migratory Species and Pelagic Fisheries of the Western Pacific Region	Dolphinfish (Dorado or Mahimahi) - Pacific	PFMC / WPFC		Unknown		Unknown	Unknown	N/A	N/A
West Coast Highly Migratory Species and Pelagic Fisheries of the Western Pacific Region	Albacore - North Pacific ⁴⁵	PFMC/WPFC		Unknown		Unknown	Unknown	N/A	N/A
West Coast Highly Migratory Species and Pelagic Fisheries of the Western Pacific Region	Blue Shark - North Pacific	PFMC / WPFC		No		No	No	N/A	N/A
Pelagic Fisheries of the Western Pacific Region	Skipjack Tuna - Central Western Pacific ⁴³	WPFC		No		No	No	N/A	N/A
Pelagic Fisheries of the Western Pacific Region	Yellowfin Tuna - Central Western Pacific ⁴⁶	WPFC		Yes		No	No	reduce mortality	N/A

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Pelagic Fisheries of the Western Pacific Region	Striped Marlin - Central Western Pacific ⁴³	WPFMC		Unknown		Unknown	Unknown	N/A	N/A
Pelagic Fisheries of the Western Pacific Region	Albacore - South Pacific	WPFMC		No		No	No	N/A	N/A
Pelagic Fisheries of the Western Pacific Region	Indo-Pacific Blue Marlin - Pacific	WPFMC		No		No	No	N/A	N/A
Pelagic Fisheries of the Western Pacific Region	Shortbill Spearfish - Pacific	WPFMC		Unknown		Unknown	Unknown	N/A	N/A
Pelagic Fisheries of the Western Pacific Region	Wahoo - Pacific	WPFMC		Unknown		Unknown	Unknown	N/A	N/A
Pelagic Fisheries of the Western Pacific Region	Moonfish (Opah) - Pacific	WPFMC		Unknown		Unknown	Unknown	N/A	N/A
Pelagic Fisheries of the Western Pacific Region	Kawakawa - Tropical Pacific	WPFMC		Unknown		Unknown	Unknown	N/A	N/A
Bottomfish and Seamount Groundfish Fisheries of the Western Pacific Region	Bottomfish Multi-Species Complex - Hawaiian Archipelago ⁴⁷	WPFMC		Yes		No	Unknown	reduce mortality	N/A
Bottomfish and Seamount Groundfish Fisheries of the Western Pacific Region	Bottomfish Multi-Species Complex - American Samoa ⁴⁷	WPFMC		No		No	No	N/A	N/A
Bottomfish and Seamount Groundfish Fisheries of the Western Pacific Region	Bottomfish Multi-Species Complex - Guam ⁴⁷	WPFMC		Unknown		Unknown	Unknown	N/A	N/A
Bottomfish and Seamount Groundfish Fisheries of the Western Pacific Region	Seamount Groundfish Complex - Hancock Seamount ⁴⁸	WPFMC		Unknown	Yes ⁴⁹		N/A	continue rebuilding	in progress ⁵⁰
Coral Reef Ecosystems of the Western Pacific Region	Coral Reef Ecosystem Multi-Species Complex - Hawaiian Archipelago ⁵¹	WPFMC		Unknown		Unknown	Unknown	N/A	N/A

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			Pre SFA	Post SFA	Pre SFA	Post SFA			
Coral Reef Ecosystems of the Western Pacific Region	Bigeye Scad - Hawaiian Archipelago ⁵²	WPFMC		Unknown		Unknown	Unknown	N/A	N/A
Coral Reef Ecosystems of the Western Pacific Region	Mackerel Scad - Hawaiian Archipelago ⁵²	WPFMC		Unknown		Unknown	Unknown	N/A	N/A
Gulf of Alaska Groundfish	Walleye Pollock - Western/Central	NPFMC		No		No	No	N/A	N/A
Gulf of Alaska Groundfish	Pacific Cod	NPFMC		No		No	No	N/A	N/A
Gulf of Alaska Groundfish	Arrowtooth Flounder	NPFMC		No		No	No	N/A	N/A
Gulf of Alaska Groundfish	Pacific Ocean Perch (Includes Western, Central And Eastern) ⁵³	NPFMC		No		No	No	N/A	N/A
Gulf of Alaska Groundfish	Northern Rockfish - Western / Central	NPFMC		No		No	No	N/A	N/A
Gulf of Alaska Groundfish	Flathead Sole	NPFMC		No		No	No	N/A	N/A
Gulf of Alaska Groundfish	Dusky Rockfish (Indicator Species For Pelagic Shelf Rockfish Complex) ⁵⁴	NPFMC		No		No	No	N/A	N/A
Gulf of Alaska Groundfish	Dover Sole (Indicator Species For Deepwater Flatfish Complex) ⁵⁵	NPFMC		No		No	No	N/A	N/A
Gulf of Alaska Groundfish	Rex Sole	NPFMC		No		No	No	N/A	N/A
Gulf of Alaska Groundfish	Shortspine Thornyhead (Indicator Species For Thornyhead Rockfish Complex) ⁵⁶	NPFMC		No		Undefined	Unknown	N/A	N/A
Gulf of Alaska Groundfish	Yelloweye Rockfish (Indicator Species For Demersal Shelf Rockfish Complex) ⁵⁷	NPFMC		No		Undefined	Unknown	N/A	N/A
Gulf of Alaska Groundfish	Rougeye Rockfish ⁵⁸	NPFMC		No		No	No	N/A	N/A
Bering Sea / Aleutian Islands Groundfish	Walleye Pollock - Eastern Bering Sea	NPFMC		No		No	No	N/A	N/A
Bering Sea / Aleutian Islands Groundfish	Walleye Pollock - Aleutian Islands	NPFMC		No		Undefined	Unknown	N/A	N/A

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Fishery Management Plan	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)		Overfished? (Is Biomass below Threshold?)		Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress
			Pre SFA	Post SFA	Pre SFA	Post SFA			
Bering Sea / Aleutian Islands Groundfish	Pacific Cod	NPFMC		No		No	No	N/A	N/A
Bering Sea / Aleutian Islands Groundfish	Yellowfin Sole	NPFMC		No		No	No	N/A	N/A
Bering Sea / Aleutian Islands Groundfish	Greenland Turbot	NPFMC		No		No	No	N/A	N/A
Bering Sea / Aleutian Islands Groundfish	Arrowtooth Flounder ⁵⁹	NPFMC		No		No	No	N/A	N/A
Bering Sea / Aleutian Islands Groundfish	Rock Sole ⁶⁰	NPFMC		No		No	No	N/A	N/A
Bering Sea / Aleutian Islands Groundfish	Flathead Sole ⁶¹	NPFMC		No		No	No	N/A	N/A
Bering Sea / Aleutian Islands Groundfish	Pacific Ocean Perch	NPFMC		No		No	No	N/A	N/A
Bering Sea / Aleutian Islands Groundfish	Atka Mackerel	NPFMC		No		No	No	N/A	N/A
Bering Sea / Aleutian Islands Groundfish	Alaska Plaice	NPFMC		No		No	No	N/A	N/A
Bering Sea / Aleutian Islands Groundfish	Northern Rockfish	NPFMC		No		No	No	N/A	N/A
Bering Sea / Aleutian Islands Groundfish	Rougeye Rockfish	NPFMC		No		Undefined	Unknown	N/A	N/A
Bering Sea / Aleutian Islands Groundfish and Gulf of Alaska Groundfish	Sablefish ⁶²	NPFMC		No		No	No	N/A	N/A
Bering Sea / Aleutian Islands King and Tanner Crabs	Blue King Crab - Pribilof Islands	NPFMC		No ⁶³		Yes	N/A	continue rebuilding	2/10-year plan
Bering Sea / Aleutian Islands King and Tanner Crabs	Blue King Crab - Saint Matthews Island	NPFMC		No ⁶³		Yes	N/A	continue rebuilding	6/10-year plan
Bering Sea / Aleutian Islands King and Tanner Crabs	Golden King Crab - Aleutian Islands	NPFMC		Unknown		Undefined	Unknown	N/A	N/A
Bering Sea / Aleutian Islands King and Tanner Crabs	Red King Crab - Aleutian Islands, Adak	NPFMC		Unknown		Undefined	Unknown	N/A	N/A
Bering Sea / Aleutian Islands King and Tanner Crabs	Red King Crab - Bristol Bay	NPFMC		No		No	No	N/A	N/A
Bering Sea / Aleutian Islands King and Tanner Crabs	Red King Crab - Norton Sound	NPFMC		Unknown		Undefined	Unknown	N/A	N/A

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Fishery Management Plan	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)		Overfished? (Is Biomass below Threshold?)		Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress
			Pre SFA	Post SFA	Pre SFA	Post SFA			
Bering Sea / Aleutian Islands King and Tanner Crabs	Red King Crab - Pribilof Islands	NPFMC		No ⁶³		No	Unknown ³	N/A	N/A
Bering Sea / Aleutian Islands King and Tanner Crabs	Snow Crab - Bering Sea	NPFMC		No		No - rebuilding	No	continue rebuilding ¹	6/10-year plan ⁶⁴
Bering Sea / Aleutian Islands King and Tanner Crabs	Tanner Crab - Eastern Bering Sea	NPFMC		No ⁶³		No - rebuilding	N/A	continue rebuilding ¹	6/10-year plan
Atlantic Billfishes	Blue Marlin - Atlantic	HMS		Yes		Yes	N/A	reduce mortality rebuilding program	Phase I implemented ⁶⁵
Atlantic Billfishes	White Marlin - Atlantic	HMS		Yes		Yes	N/A	reduce mortality rebuilding program	Phase I implemented ⁶⁵
Atlantic Billfishes	Sailfish - West Atlantic	HMS		Yes		Yes	N/A	reduce mortality rebuilding program	not internationally implemented ⁶⁶
Atlantic Tunas, Swordfish and Sharks	Bigeye Tuna - Atlantic	HMS		Yes		Yes	N/A	reduce mortality rebuilding program	not internationally implemented ⁶⁷
Atlantic Tunas, Swordfish and Sharks	Albacore - North Atlantic	HMS		Yes ⁶⁸		Yes	N/A	reduce mortality rebuilding program	not submitted ⁶⁹
Atlantic Tunas, Swordfish and Sharks	Bluefin Tuna - West Atlantic	HMS		Yes		Yes	N/A	reduce mortality continue rebuilding	7/20-year plan ⁷⁰
Atlantic Tunas, Swordfish and Sharks	Yellowfin Tuna - Atlantic	HMS		No		No	Yes	N/A	N/A
Atlantic Tunas, Swordfish and Sharks	Swordfish - North Atlantic	HMS		No		No - rebuilding	N/A	continue rebuilding ¹	7/10-year plan ⁷¹
Atlantic Tunas, Swordfish and Sharks	Sandbar Shark ⁷²	HMS		Yes		No - rebuilding	No	reduce mortality continue rebuilding ¹	2/26-year plan ⁷³
Atlantic Tunas, Swordfish and Sharks	Blacktip Shark ⁷²	HMS		No		No	No	N/A	N/A
Atlantic Tunas, Swordfish and Sharks	Large Coastal Shark Complex ⁷⁴	HMS		Yes		Yes	N/A	reduce mortality continue rebuilding	2/26-year plan ⁷³
Atlantic Tunas, Swordfish and Sharks	Finetooth Shark ⁷⁵	HMS		Yes		No	No	reduce mortality	N/A
Atlantic Tunas, Swordfish and Sharks	Atlantic Sharpnose Shark ⁷⁵	HMS		No		No	No	N/A	N/A

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Fishery Management Plan	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)		Overfished? (Is Biomass below Threshold?)		Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress
			Pre SFA	Post SFA	Pre SFA	Post SFA			
Atlantic Tunas, Swordfish and Sharks	Blacknose Shark ⁷⁵	HMS		No		No	No	N/A	N/A
Atlantic Tunas, Swordfish and Sharks	Bonnethead Shark ⁷⁵	HMS		No		No	No	N/A	N/A
Atlantic Tunas, Swordfish and Sharks	Small Coastal Shark Complex ⁷⁶	HMS		No		No	No	N/A	N/A
Atlantic Tunas, Swordfish and Sharks	Shortfin Mako Shark ⁷⁷	HMS		Unknown		Unknown	Unknown	N/A	N/A
Atlantic Tunas, Swordfish and Sharks	Porbeagle Shark ⁷⁷	HMS		Unknown		Unknown	Unknown	N/A	N/A
Atlantic Tunas, Swordfish and Sharks	Blue Shark ⁷⁷	HMS		Unknown		Unknown	Unknown	N/A	N/A
Atlantic Tunas, Swordfish and Sharks	Dusky Shark	HMS		Unknown		Unknown	Unknown	N/A	N/A

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* Pre-SFA Rebuilding Plan with a timeline defined.

**Pre-SFA Rebuilding Plan with no timeline defined.

1. This stock is currently above the minimum stock size threshold; however, it was previously below this level and rebuilding must continue until the stock is at a level consistent with MSY.
2. The New England Fishery Management Council was notified on 7/8/05 that this stock is overfished and they are required to submit a rebuilding plan within one year of this date.
3. While the biomass level is known, determining whether the stock is approaching an overfished condition requires an additional level of analysis which has not been done.
4. There is currently not enough information available to develop a rebuilding plan.
5. Exact rebuilding time period unspecified in the FMP. Rebuilding may take decades, based on the long-lived, late maturing, and low fecundity nature of this species.
6. Although this stock is currently listed as overfishing occurring, the most recent assessment (SAW 40) was not able to precisely determine current exploitation rates (although all candidate values were above a candidate $F_{threshold}$). Accordingly, the status of this stock with respect to fishing mortality rate is unchanged, pending an updated stock assessment.
7. Last year's report incorrectly noted that this stock was in year 6 of the rebuilding plan, when in fact, it was in year 5. It was implemented in May 2000.
8. There is currently no definition contained in the FMP to make a determination of overfished because there is no approved minimum biomass level; however, based on current NMFS recommended biomass threshold, the biomass estimates indicate the stock is overfished.
9. Although the 5-year rebuilding plan for spiny dogfish expired on 2/10/05, this stock continues to be managed conservatively through low fishing mortality rates and no directed fishery.
10. Although this stock is currently listed as overfishing occurring, the most recent assessment (SAW 35) was not able to precisely determine current exploitation rates. Accordingly, the status of this stock with respect to fishing mortality rate is unchanged, pending an updated stock assessment.
11. Last year's report incorrectly noted that this stock was in year 6 of the rebuilding plan, when in fact, it was in year 4. It was implemented on January 1, 2001.
12. The Mid-Atlantic Fishery Management Council was notified on 2/11/05 that this stock is overfished and they are required to submit a rebuilding plan within one year of this date.
13. The most recent SEDAR (South East Data, Assessment and Review) report on vermilion snapper concluded that there was a high degree of uncertainty regarding its status and recommended that it be considered unknown. Although this assessment did not use criteria contained in the FMP, it is regarded the best available information.
14. Although this stock is currently listed as unknown, it was previously listed as overfished. Until a new assessment confirms that it is no longer overfished and the stock size is at a level that is consistent with producing MSY on a long-term basis, it will continue to rebuild under its rebuilding plan.

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15. The pre-SFA criterion of static SPR was used to determine the overfished status of this stock. Static SPR is only appropriate for measuring overfishing status. Therefore, the overfished status should technically be unknown. This stock will be re-evaluated in 2006 to ascertain if an overfished status determination can be made.
16. Although this stock is currently under a rebuilding plan, the overfished determination was based on pre-SFA criteria, which are inadequate for determining stock size. Measures are being developed to determine if a rebuilding plan is required.
17. Amendment 15 to the Snapper-Grouper FMP will establish a new post SFA rebuilding plan for this stock. The plan is scheduled to be implemented in 2007.
18. Although this stock is listed as rebuilding, the most recent stock assessment (SEDAR 4, 2004) found that this stock was never overfished and the most current estimate of biomass is slightly below Bmsy. However, the criteria used in this stock assessment are not contained in the FMP. Until these criteria are fully approved and are contained in the FMP, the previous determination will be regarded as the official status.
19. Last year this stock was incorrectly listed as overfishing not occurring. The results of the 2004 SEDAR Advisory Report for goliath grouper concluded that the effectiveness of the fishing moratorium is unknown.
20. Last year's report incorrectly noted this stock as being in year 4 of the rebuilding plan, when in fact it was in year 6. The first year of the rebuilding plan was in 1999.
21. The most current assessment for this stock (Muller et al. 2003) has concluded that overfishing is not occurring, nor is it overfished. Although this assessment did not use criteria contained in the FMP, it is regarded as the best available information.
22. Amendment 22 to the Gulf of Mexico's Fishery Management Plan was implemented in 2005. Although the amendment was implemented in 2005, the first year of rebuilding began in 2001 so it is currently in year 5 of the rebuilding plan.
23. Last year's report incorrectly noted that this stock was in a 10-year rebuilding plan, when in fact, it is in a 7-year rebuilding plan.
24. The most recent assessment (July 2001 Status of the Vermilion Snapper Fishery in the Gulf of Mexico Report (Assessment 5.0), October 2001 Report of the Reef Fish Stock Assessment Panel, and the Summary of the Standing and Special Reef Fish Scientific and Statistical Committee (January 2002 Council meeting) concluded that this stock is overfished. The Gulf of Mexico Fishery Management Council was notified on October 30, 2003 that this stock is overfished and undergoing overfishing. Although this assessment did not use criteria contained in the FMP, it is regarded as the best available information.
25. Fishery in the EEZ and state waters is closed; therefore, fishing mortality is very low.
26. This unit (Snapper Unit 1) is part of the Caribbean Reef Fish FMU and is composed of silk, black, vermilion, and blackfin snapper; silk snapper is the indicator species for this unit.
27. Snapper Unit 1 is considered "at risk" by the SFA Working Group and the CFMC ($B_{curr}/B_{msy} = 0.75$; $F_{curr}/F_{msy} = 1.5$).
28. This unit (Snapper Unit 4) is part of the Caribbean Reef Fish FMU and is composed of yellowtail snapper.
29. This unit (Grouper Unit 1) is part of the Caribbean Reef Fish FMU and is composed of Nassau grouper.
30. Although the fishery in the EEZ is closed, the fishery is open in the territorial waters of the USVI. Steps are being taken to close this fishery, as well.

31. The Caribbean SFA Amendment established a new rebuilding schedule for Nassau Grouper that will be implemented in 2006. The length of the rebuilding plan will be 25 years.
32. This unit (Grouper Unit 2) is part of the Caribbean Reef Fish FMU and is composed of Goliath grouper.
33. Fishery in the EEZ and territorial waters of the USVI is closed; therefore, fishing mortality is very low.
34. The Caribbean SFA Amendment established a new rebuilding schedule for Goliath Grouper that will be implemented in 2006. The length of the rebuilding plan will be 30 years.
35. This unit (Snapper Unit 3) is part of the Caribbean Reef Fish FMU and is composed of gray, lane, mutton, dog, schoolmaster, and mahogany snapper; at present, there are more data for mutton snapper than for the other species contained in this unit, but no indicator species has been identified.
36. This unit (Grouper Unit 4) is part of the Caribbean Reef Fish FMU and is composed of red, misty, tiger, yellowedge, and yellowfin grouper; yellowfin grouper is the indicator species for the unit.
37. The Caribbean SFA Amendment established a new rebuilding schedule for Goliath Grouper that will be implemented in 2006. The length of the rebuilding plan will be 10 years.
38. The Caribbean SFA Amendment established a new rebuilding schedule for Queen Conch that will be implemented in 2006. The length of the rebuilding plan will be 30 years.
39. Amendment 16–2 to the FMP added the rebuilding parameters for this stock to the FMP, along with other relevant information such as stock distribution, fishery interaction, and rebuilding strategy. NMFS approved Amendment 16–2 on January 30, 2004, and published a final rule for Amendment 16–2 on April 13, 2004 (69 FR 19347). Consequently, this stock is currently rebuilding under management measures that conform to Amendment 16-2. This amendment set target rebuilding dates and harvest control rules for this species in Federal Regulations.
40. Amendment 16–3 to the FMP added the rebuilding parameters for this stock to the FMP, along with other relevant information such as stock distribution, fishery interaction, and rebuilding strategy. NMFS approved Amendment 16–3 on September 13, 2004, and published a final rule for Amendment 16–3 on September 28, 2004 (69 FR 57874). Consequently, this stock is currently rebuilding under management measures that conform to Amendment 16-3. This amendment set target rebuilding dates and harvest control rules for this species in Federal Regulations.
41. Lingcod was declared overfished on September 10, 1999 (64 FR 49092). In 1999, it was believed that the lingcod biomass was at 10 percent of its unfished biomass level. A coastwide assessment was conducted in 2000 and confirmed that the stock was overfished coastwide. On December 19, 2005 (70 FR 75121), NMFS announced that the lingcod stock is estimated to be above the target rebuilding biomass in 2005 and the coastwide stock is at 64 percent of its unfished biomass. The northern component of the lingcod stock is at 87 percent of its unfished biomass and the southern component of the stock is at 27 percent of its unfished biomass. Because lingcod is managed as a single coastwide stock, this stock is now rebuilt to levels consistent with Bmsy.
42. Pacific Whiting was declared overfished on April 15, 2002 (67 FR 18117) as a result of the 2002 stock assessment, which estimated that the female spawning biomass was less than 20 percent of the unfished biomass. On April 30, 2004 (69 FR 23667), NMFS announced that the whiting stock was estimated to be above the target rebuilding biomass in 2003 (40 percent of its unfished biomass); therefore, this stock is now rebuilt to levels consistent with Bmsy.

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43. This stock is managed under PFMC's West Coast Highly Migratory Species FMP and WPFMC's Western Pacific Pelagics FMP. However, the WPFMC indicated is the lead Council for the purpose of this report.
44. The status of bigeye tuna in the Pacific Ocean has typically been assessed for two separate regions, the eastern Pacific Ocean (EP) and the central and western Pacific Ocean (CWP). That approach is based not on the population structure of bigeye tuna in the Pacific (which is not well known), but rather on the areas of authority and interest of regional fishery management organizations and inter-governmental organizations, particularly the Inter-American Tropical Tuna Commission in the EP and now the Western and Central Pacific Fisheries Commission in the CWP.
45. The status of Albacore - North Pacific is based on a suite of Fmsy proxies (F40%, F30% and F0.1), two estimated levels of recent fishing pressure (F=0.43 and F=0.68), and two scenarios of productivity (low R and high R). The resulting ratios of F/Fmsy range from 1.02 to 2.26. However, the PFMC has not adopted a proxy for Fmsy and thus status is listed as "unknown". The ratios of B/Bmsy range from 0.67 to 1.07 against an overfished criteria of < 0.7 (see Appendix 2 of this report, 2005 PFMC HMS SAFE document, PFMC HMS FMP and 19th NPALPW Report for details).
46. Yellowfin tuna is managed under PFMC's West Coast Highly Migratory Species FMP and WPFMC's Western Pacific Pelagics FMP. Vessels from both the west coast and western Pacific harvest yellowfin in the western and central Pacific Ocean (WCPO). However, the WPFMC indicated is the lead Council for the purpose of this report. The determination of overfishing of the WCPO yellowfin stock is based on the latest estimate (August 2005) of $F_{current}/F_{msy} = 1.22$. The estimate was provided by the Scientific Committee of the Western and Central Pacific Ocean Commission for the Conservation and Management of Highly Migratory Fish Stocks and applies to this stock only, not the eastern Pacific stock.
47. This complex contains up to 19 species including Seabass - hapuu'upu, Squirrelfish Snapper - ehu, Longtail Snapper - onaga, Silver Jaw Jobfish - lehi, Gray Jobfish - uku, Blueline Snapper, Yellowtail Snapper - yellow tail kalekale, Crimson jobfish - opakapaka, Yelloweye Snapper - yelloweye opakapaka, Von Siebolds Snapper - kalekale, Oblique-Banded Snapper - gindai, Giant Trevally - white ulua, Black Jack - black ulua, Thick Lipped Trevally - pig ulua, Amberjack - kahala, Blacktip Grouper, Lunartail Grouper, Ambon Emperor, and Redgill Emperor. Assessments are made for multi-species stock complexes, one complex for each of the Hawaiian Archipelago, American Samoa, and Guam.
48. This stock complex uses pelagic armorhead as the indicator species of a three-species seamount groundfish complex that includes raftfish and alfonsin.
49. Post-SFA overfishing/overfished definitions were approved in 2003 for the seamount groundfish stock complex, for which pelagic armorhead is assessed as the indicator species, but determinations have not yet been made relative to those new definitions.
50. This stock complex does not have a formal rebuilding plan or time period for rebuilding. The fishery in the U.S. EEZ has been closed under sequential 6-year moratoria since the inception of the FMP in 1986. The current moratorium is effective until 2010. These moratoria have been treated by NMFS as a de facto rebuilding plan, and previous versions of this report referred to the cumulative period of these moratoria as the time period for rebuilding. The WPFMC is currently considering more permanent conservation and management measures for this stock complex.
51. This complex contains up to 146 "currently harvested coral reef taxa" and innumerable "potentially harvested coral reef taxa."
52. Bigeye and mackerel scads in Hawaii are predominantly harvested by plane-directed purse seine (a delimited gear type) and are amenable to a catch-based stock assessment pending update beyond 1997, the most recent catch records used in the preliminary assessment done by Weng and Sibert (2000. Analysis of the fisheries for two pelagic carangids in Hawaii. SOEST 00-04. JIMAR Contribution 00-332).

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53. Although Pacific ocean perch is managed separately in the Western, Central, and Eastern areas, with separate overfishing levels, ABCs, and TACs based on the proportion of biomass in each respective area, separate assessments are not conducted for each of these three regions; the assessment is based on aggregated data from throughout the Gulf of Alaska. Therefore, it is not appropriate to list separate status determinations for these three areas.
54. The Pelagic Shelf Rockfish Complex consists of the following stocks: Dark Rockfish, Dusky Rockfish, Widow Rockfish, and Yellowtail Rockfish. The overfished determination is based on Dusky Rockfish as an indicator species; the overfishing determination is based on the OFL, which is computed by using the dusky rockfish assessment combined with abundance estimates for the remainder of the complex.
55. The Deep Water Flatfish Complex consists of the following stocks: Deepsea Sole, Dover Sole, and Greenland Turbot. The overfished determination is based on Dover Sole as an indicator species; the overfishing determination is based on the OFL, which is computed by using the dover sole assessment combined with abundance estimates for the remainder of the complex.
56. The Thornyhead Rockfish Complex consists of the following stocks: Longspine Thornyhead and Shortspine Thornyhead. The overfishing determination is based on the OFL, which is computed using abundance estimates of Shortspine Thornyhead.
57. The Demersal Shelf Rockfish Complex consists of the following stocks: Canary Rockfish, China Rockfish, Copper Rockfish, Quillback Rockfish, Rosethorn Rockfish, Tiger Rockfish, and Yelloweye Rockfish. The overfishing determination is based on the OFL, which is computed by using estimates of Yelloweye Rockfish and then increased by 10% to account for the remaining members of the complex.
58. Rougheye Rockfish was previously part of the Shortraker / Rougheye Rockfish Complex, which consisted of the following stocks: Rougheye Rockfish and Shortraker Rockfish. It is now assessed as a single stock and is no longer part of this complex.
59. Arrowtooth Flounder consists of Arrowtooth Flounder and Kamchatka Flounder. Arrowtooth Flounder accounts for the overwhelming majority of the biomass and is regarded as the indicator species for the complex. The overfished determination is based on the combined abundance estimates for the two species; the overfishing determination is based on the OFL, which is computed from the combined abundance estimates for the two species.
60. Rock Sole consists of Northern Rock Sole and Southern Rock Sole (NOTE: These are two distinct species, not two separate stocks of the same species). Northern Rock Sole accounts for the overwhelming majority of the biomass and is regarded as the indicator species for the complex. The overfished determination is based on the combined abundance estimates for the two species; the overfishing determination is based on the OFL, which is computed from the combined abundance estimates for the two species.
61. Flathead Sole consists of Flathead Sole and Bering Flounder. Flathead Sole accounts for the overwhelming majority of the biomass and is regarded as the indicator species for the complex. The overfished determination is based on the combined abundance estimates for the two species; the overfishing determination is based on the OFL, which is computed from the combined abundance estimates for the two species.
62. Although sablefish is managed separately in the Gulf of Alaska, Bering Sea, and Aleutian Islands, with separate overfishing levels, ABCs, and TACs based on the proportion of biomass in each respective region, separate assessments are not conducted for each of these three regions; the assessment is based on aggregated data from the Gulf of Alaska, Bering Sea, and Aleutian Islands regions. Therefore, it is not appropriate to list separate status determinations for these three regions.
63. Fishery in the EEZ is closed; therefore, fishing mortality is very low.
64. Last year's report incorrectly noted that this stock was in year 4 of its rebuilding plan last year, when in fact, it was in year 5.

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65. For the overfished North Atlantic blue and white marlins, Amendment One to the Atlantic Billfish FMP established a foundation to develop an international rebuilding plan. An international rebuilding plan with a two-phase approach was adopted in 2000 by ICCAT; Phase I was implemented in June 2001, while the United States continues to work toward its full implementation. It should be noted that the ICCAT rebuilding program does not satisfy all the requirements of the Magnuson-Stevens Act. NMFS is continuing to work domestically to monitor its fisheries and promote conservation. The SCRS conducted an assessment of white marlin in spring 2002.
66. For overfished sailfish, Amendment One to the Atlantic Billfish FMP established the foundation to develop an international 10-year rebuilding program. While steps have been taken internationally to pursue recovery of the overfished west Atlantic sailfish stock, an international rebuilding program has not yet been adopted. NMFS is continuing to work through ICCAT to establish an international rebuilding program and is working domestically to monitor its fisheries and promote conservation.
67. For the overfished Atlantic bigeye tuna, the HMS FMP established the foundation to develop an international 10-year rebuilding program. While steps have been taken internationally to pursue recovery of this stock, an international rebuilding program has not yet been adopted. NMFS is continuing to work through ICCAT to establish an international rebuilding program and is working domestically to monitor its fisheries and promote conservation.
68. Although the last conclusive assessment conducted in 2000 determined that overfishing was occurring for this stock, total landings have been 33,754, 25,186, 22,617, and 25,516 t for the years 2000-2003, respectively. The TAC for this stock is 34,500 t, which is the replacement yield; if landings are below 31,000 t, the biomass is expected to rebuild for this stock.
69. For the overfished North Atlantic albacore, NMFS is working through ICCAT to establish an international rebuilding program. Domestically, NMFS is monitoring its fisheries and promoting conservation.
70. International rebuilding program implemented in 1999. The SCRS conducted an assessment in summer 2002 but that assessment had not been officially adopted by ICCAT. This year's report corrects the current year of rebuilding to year 7.
71. International rebuilding program implemented in 2000.
72. This stock is part of the Large Coastal Shark Complex, but is assessed separately.
73. Last year's report incorrectly noted that this stock was in year 2 of the rebuilding plan, when in fact, it was in year 1.
74. In addition to Sandbar Shark and Blacktip Shark, the Large Coastal Shark Complex also consists of additional stocks including Spinner Shark, Silky Shark, Bull Shark, Tiger Shark, Lemon Shark, Nurse Shark, Scalloped Hammerhead Shark, Great Hammerhead Shark, and Smooth Hammerhead Shark. In addition, several LCS species cannot be retained in commercial or recreational fisheries, including Dusky Shark, Bignose Shark, Galapagos Shark, Night Shark, Caribbean Reef Shark, Narrowtooth Shark, Sand Tiger Shark, Bigeye Sand Tiger Shark, Whale Shark, Basking Shark, White Shark.
75. This stock is part of the Small Coastal Shark Complex, but is assessed separately.
76. In addition to Atlantic Sharpnose Shark, Blacknose Shark, Bonnethead Shark, and Finetooth Shark, the Small Coastal Shark Complex also consists of: Atlantic Angel Shark, Caribbean Sharpnose Shark, and Smalltail Shark; these 3 species cannot be retained in recreational or commercial fisheries.
77. This stock is part of the Pelagic Shark Complex, but is assessed separately.

Table B. Summary of Stock Status for Non-FSSI Stocks

Fishery Management Plan	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)		Overfished? (Is Biomass below Threshold?)		Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress
			Pre SFA	Post SFA	Pre SFA	Post SFA			
Atlantic Salmon	Atlantic Salmon	NEFMC		No		Yes	N/A	rebuild-ESA listed	not required ¹
South Atlantic Golden Crab	Golden Crab	SAFMC		Unknown		Unknown	Unknown	N/A	N/A
South Atlantic Golden Crab	Jonah Crab	SAFMC		Undefined		Undefined	Unknown	N/A	N/A
South Atlantic Golden Crab	Red Crab	SAFMC		Undefined		Undefined	Unknown	N/A	N/A
Atlantic Coast Red Drum	Red Drum	SAFMC		Yes ²	Yes ³		N/A	reduce mortality continue rebuilding	year 15 of plan** ⁴
Dolphin Wahoo	Wahoo	SAFMC		Unknown		Unknown	Unknown	N/A	N/A
South Atlantic Snapper-Grouper	Mutton Snapper	SAFMC		No	No ³		No	N/A	N/A
South Atlantic Snapper-Grouper	Gray (Mangrove) Snapper	SAFMC		No	No ³		Unknown	N/A	N/A
South Atlantic Snapper-Grouper	Blue Runner	SAFMC		Unknown	Unknown		Unknown	N/A	N/A
South Atlantic Snapper-Grouper	Creville Jack	SAFMC		Unknown	Unknown		Unknown	N/A	N/A
South Atlantic Snapper-Grouper	Atlantic Spadefish	SAFMC		Unknown	Unknown		Unknown	N/A	N/A
South Atlantic Snapper-Grouper	Sheepshead	SAFMC		Unknown	Unknown		Unknown	N/A	N/A
South Atlantic Snapper-Grouper	Nassau Grouper	SAFMC		No ⁵	Yes ³		N/A	continue rebuilding	14/15-year plan* ⁴
South Atlantic Snapper-Grouper	Yellowedge Grouper	SAFMC		No	No ³		Unknown ⁶	N/A	N/A
South Atlantic Snapper-Grouper	Lane Snapper	SAFMC		No	No ³		Unknown ⁶	N/A	N/A
South Atlantic Snapper-Grouper	Queen Triggerfish	SAFMC		Unknown	Unknown		Unknown	N/A	N/A
South Atlantic Snapper-Grouper	Ocean Triggerfish	SAFMC		Unknown	Unknown		Unknown	N/A	N/A
South Atlantic Snapper-Grouper	Yellow Jack	SAFMC		Unknown	Unknown		Unknown	N/A	N/A
South Atlantic Snapper-Grouper	Bar Jack	SAFMC		Unknown	Unknown		Unknown	N/A	N/A
South Atlantic Snapper-Grouper	Lesser Amberjack	SAFMC		Unknown	Unknown		Unknown	N/A	N/A

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Fishery Management Plan	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)		Overfished? (Is Biomass below Threshold?)		Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress
			Pre SFA	Post SFA	Pre SFA	Post SFA			
South Atlantic Snapper-Grouper	Almaco Jack	SAFMC		Unknown	Unknown		Unknown	N/A	N/A
South Atlantic Snapper-Grouper	Banded Rudderfish	SAFMC		Unknown	Unknown		Unknown	N/A	N/A
South Atlantic Snapper-Grouper	Black Margate	SAFMC		Unknown	Unknown		Unknown	N/A	N/A
South Atlantic Snapper-Grouper	Porkfish	SAFMC		Unknown	Unknown		Unknown	N/A	N/A
South Atlantic Snapper-Grouper	Margate	SAFMC		Unknown	Unknown		Unknown	N/A	N/A
South Atlantic Snapper-Grouper	Tomtate	SAFMC		Unknown	Unknown		Unknown	N/A	N/A
South Atlantic Snapper-Grouper	Smallmouth Grunt	SAFMC		Unknown	Unknown		Unknown	N/A	N/A
South Atlantic Snapper-Grouper	French Grunt	SAFMC		Unknown	Unknown		Unknown	N/A	N/A
South Atlantic Snapper-Grouper	Spanish Grunt	SAFMC		Unknown	Unknown		Unknown	N/A	N/A
South Atlantic Snapper-Grouper	Cottonwick	SAFMC		Unknown	Unknown		Unknown	N/A	N/A
South Atlantic Snapper-Grouper	Sailors Choice	SAFMC		Unknown	Unknown		Unknown	N/A	N/A
South Atlantic Snapper-Grouper	Bluestriped Grunt	SAFMC		Unknown	Unknown		Unknown	N/A	N/A
South Atlantic Snapper-Grouper	Puddingwife	SAFMC		Unknown	Unknown		Unknown	N/A	N/A
South Atlantic Snapper-Grouper	Black Snapper	SAFMC		Unknown	Unknown		Unknown	N/A	N/A
South Atlantic Snapper-Grouper	Queen Snapper	SAFMC		Unknown	Unknown		Unknown	N/A	N/A
South Atlantic Snapper-Grouper	Schoolmaster	SAFMC		Unknown	Unknown		Unknown	N/A	N/A
South Atlantic Snapper-Grouper	Blackfin Snapper	SAFMC		Unknown	Unknown		Unknown	N/A	N/A
South Atlantic Snapper-Grouper	Cubera Snapper	SAFMC		Unknown	Unknown		Unknown	N/A	N/A
South Atlantic Snapper-Grouper	Mahogany Snapper	SAFMC		Unknown	Unknown		Unknown	N/A	N/A
South Atlantic Snapper-Grouper	Dog Snapper	SAFMC		Unknown	Unknown		Unknown	N/A	N/A
South Atlantic Snapper-Grouper	Silk Snapper	SAFMC		Unknown	Unknown		Unknown	N/A	N/A
South Atlantic Snapper-Grouper	Blueline Tilefish	SAFMC		Unknown	Unknown		Unknown	N/A	N/A
South Atlantic Snapper-Grouper	Sand Tilefish	SAFMC		Unknown	Unknown		Unknown	N/A	N/A

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Fishery Management Plan	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)		Overfished? (Is Biomass below Threshold?)		Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress
			Pre SFA	Post SFA	Pre SFA	Post SFA			
South Atlantic Snapper-Grouper	Bank Sea Bass	SAFMC		Unknown	Unknown		Unknown	N/A	N/A
South Atlantic Snapper-Grouper	Rock Sea Bass	SAFMC		Unknown	Unknown		Unknown	N/A	N/A
South Atlantic Snapper-Grouper	Rock Hind	SAFMC		Unknown	Unknown		Unknown	N/A	N/A
South Atlantic Snapper-Grouper	Graysby	SAFMC		Unknown	Unknown		Unknown	N/A	N/A
South Atlantic Snapper-Grouper	Coney	SAFMC		Unknown	Unknown		Unknown	N/A	N/A
South Atlantic Snapper-Grouper	Red Hind	SAFMC		Unknown	Unknown		Unknown	N/A	N/A
South Atlantic Snapper-Grouper	Misty Grouper	SAFMC		Unknown	Unknown		Unknown	N/A	N/A
South Atlantic Snapper-Grouper	Yellowmouth Grouper	SAFMC		Unknown	Unknown		Unknown	N/A	N/A
South Atlantic Snapper-Grouper	Tiger Grouper	SAFMC		Unknown	Unknown		Unknown	N/A	N/A
South Atlantic Snapper-Grouper	Yellowfin Grouper	SAFMC		Unknown	Unknown		Unknown	N/A	N/A
South Atlantic Snapper-Grouper	Grass Porgy	SAFMC		Unknown	Unknown		Unknown	N/A	N/A
South Atlantic Snapper-Grouper	Jolthead Porgy	SAFMC		Unknown	Unknown		Unknown	N/A	N/A
South Atlantic Snapper-Grouper	Saucereye Porgy	SAFMC		Unknown	Unknown		Unknown	N/A	N/A
South Atlantic Snapper-Grouper	Whitebone Porgy	SAFMC		Unknown	Unknown		Unknown	N/A	N/A
South Atlantic Snapper-Grouper	Knobbed Porgy	SAFMC		Unknown	Unknown		Unknown	N/A	N/A
South Atlantic Snapper-Grouper	Longspine Porgy	SAFMC		Unknown	Unknown		Unknown	N/A	N/A
South Atlantic Snapper-Grouper	Scup	SAFMC		Unknown	Unknown		Unknown	N/A	N/A
Coral, Coral Reefs, and Live / Hard Bottom Habitats of the South Atlantic Region	Fire Corals	SAFMC	No ⁵			Undefined	Unknown	N/A	N/A
Coral, Coral Reefs, and Live / Hard Bottom Habitats of the South Atlantic Region	Hydrocorals	SAFMC	No ⁵			Undefined	Unknown	N/A	N/A

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Fishery Management Plan	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)		Overfished? (Is Biomass below Threshold?)		Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress
			Pre SFA	Post SFA	Pre SFA	Post SFA			
Coral, Coral Reefs, and Live / Hard Bottom Habitats of the South Atlantic Region	Octocorals	SAFMC	No ⁵			Undefined	Unknown	N/A	N/A
Coral, Coral Reefs, and Live / Hard Bottom Habitats of the South Atlantic Region	Stony Corals	SAFMC	No ⁵			Undefined	Unknown	N/A	N/A
Coral, Coral Reefs, and Live / Hard Bottom Habitats of the South Atlantic Region	Black Corals	SAFMC	No ⁵			Undefined	Unknown	N/A	N/A
Pelagic Sargassum Habitat of the SA Region	Sargassum	SAFMC		No ⁷		No ⁷	Unknown	N/A	N/A
Gulf of Mexico / South Atlantic Spiny Lobster	Slipper Lobster	SAFMC / GMFMC		Undefined		Undefined	Unknown	N/A	N/A
Coastal Migratory Pelagics of the Gulf of Mexico and South Atlantic	Cero Mackerel	SAFMC / GMFMC		Unknown	Unknown		Unknown	N/A	N/A
Coastal Migratory Pelagics of the Gulf of Mexico and South Atlantic	Bluefish - Gulf of Mexico only	GMFMC		Unknown	Unknown		Unknown	N/A	N/A
Gulf of Mexico Shrimp	Rock Shrimp	GMFMC		Undefined		Undefined	Unknown	N/A	N/A
Gulf of Mexico Shrimp	Seabob Shrimp	GMFMC		Undefined		Undefined	Unknown	N/A	N/A
Coral and Coral Reefs of the Gulf of Mexico	Fire Corals	GMFMC	No ⁵			Undefined	Unknown	N/A	N/A
Coral and Coral Reefs of the Gulf of Mexico	Hydrocorals	GMFMC	No ⁵			Undefined	Unknown	N/A	N/A
Coral and Coral Reefs of the Gulf of Mexico	Octocorals	GMFMC	No ⁵			Undefined	Unknown	N/A	N/A
Coral and Coral Reefs of the Gulf of Mexico	Stony Corals	GMFMC	No ⁵			Undefined	Unknown	N/A	N/A
Coral and Coral Reefs of the Gulf of Mexico	Black Corals	GMFMC	No ⁵			Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Mutton Snapper	GMFMC		Unknown	Unknown		Unknown	N/A	N/A

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Fishery Management Plan	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)		Overfished? (Is Biomass below Threshold?)		Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress
			Pre SFA	Post SFA	Pre SFA	Post SFA			
Reef Fish Resources of the Gulf of Mexico	Gray (Mangrove) Snapper	GMFMC		Unknown	Unknown		Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Lane Snapper	GMFMC		Unknown	Unknown		Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Scamp	GMFMC		Unknown	Unknown		Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Lesser Amberjack	GMFMC		Unknown	Unknown		Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Almaco Jack	GMFMC		Unknown	Unknown		Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Banded Rudderfish	GMFMC		Unknown	Unknown		Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Queen Snapper	GMFMC		Unknown	Unknown		Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Schoolmaster	GMFMC		Unknown	Unknown		Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Blackfin Snapper	GMFMC		Unknown	Unknown		Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Cubera Snapper	GMFMC		Unknown	Unknown		Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Dog Snapper	GMFMC		Unknown	Unknown		Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Mahogany Snapper	GMFMC		Unknown	Unknown		Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Silk Snapper	GMFMC		Unknown	Unknown		Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Wenchman	GMFMC		Unknown	Unknown		Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Goldface Tilefish	GMFMC		Unknown	Unknown		Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Blackline Tilefish	GMFMC		Unknown	Unknown		Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Anchor Tilefish	GMFMC		Unknown	Unknown		Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Blueline Tilefish	GMFMC		Unknown	Unknown		Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Tilefish	GMFMC		Unknown	Unknown		Unknown	N/A	N/A

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Fishery Management Plan	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)		Overfished? (Is Biomass below Threshold?)		Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress
			Pre SFA	Post SFA	Pre SFA	Post SFA			
Reef Fish Resources of the Gulf of Mexico	Rock Hind	GMFMC		Unknown	Unknown		Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Speckled Hind	GMFMC		Unknown	Unknown		Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Red Hind	GMFMC		Unknown	Unknown		Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Misty Grouper	GMFMC		Unknown	Unknown		Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Warsaw Grouper	GMFMC		Unknown	Unknown		Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Yellowmouth Grouper	GMFMC		Unknown	Unknown		Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Yellowfin Grouper	GMFMC		Unknown	Unknown		Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Dwarf Sand Perch	GMFMC		Unknown	Unknown		Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Sand Perch	GMFMC		Unknown	Unknown		Unknown	N/A	N/A
Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Snapper Unit 2 ⁸	CFMC		Unknown		Unknown	Unknown	N/A	N/A
Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Grouper Unit 3 ⁹	CFMC		Unknown		Unknown	Unknown	N/A	N/A
Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Grunts ¹⁰	CFMC		Unknown		Unknown	Unknown	N/A	N/A
Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Goatfishes ¹¹	CFMC		Unknown		Unknown	Unknown	N/A	N/A
Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Porgies ¹²	CFMC		Unknown		Unknown	Unknown	N/A	N/A
Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Squirrelfishes ¹³	CFMC		Unknown		Unknown	Unknown	N/A	N/A
Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Tilefishes ¹⁴	CFMC		Unknown		Unknown	Unknown	N/A	N/A

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Fishery Management Plan	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)		Overfished? (Is Biomass below Threshold?)		Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress
			Pre SFA	Post SFA	Pre SFA	Post SFA			
Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Jacks ¹⁵	CFMC		Unknown		Unknown	Unknown	N/A	N/A
Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Parrotfishes ¹⁶	CFMC		Yes		No	Yes ¹⁷	reduce mortality	N/A
Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Surgeonfish ¹⁸	CFMC		Unknown		Unknown	Unknown	N/A	N/A
Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Triggerfishes and Filefishes ¹⁹	CFMC		Unknown		Unknown	Unknown	N/A	N/A
Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Boxfishes ²⁰	CFMC		Unknown		Unknown	Unknown	N/A	N/A
Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Wrasses ²¹	CFMC		Unknown		Unknown	Unknown	N/A	N/A
Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Angelfishes ²²	CFMC		Unknown		Unknown	Unknown	N/A	N/A
Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Sixty species for aquarium trade only ²³	CFMC							
Queen Conch Resources of Puerto Rico and the U.S. Virgin Islands	Eight species for data collection purposes only ²⁴	CFMC							
Corals and Reef Associated Invertebrates of Puerto Rico and the U.S. Virgin Islands	Innumerable species for data collection purposes only ²⁵	CFMC							
	California Central Valley Chinook								
West Coast Salmon	Sacramento River Fall	PFMC		No		No	No	N/A	N/A
West Coast Salmon	Sacramento River Spring (Central Valley Spring - ESA Threatened 1999)	PFMC		N/A ²⁶ Exception 3		N/A	N/A	N/A	N/A

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Fishery Management Plan	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)		Overfished? (Is Biomass below Threshold?)		Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress
			Pre SFA	Post SFA	Pre SFA	Post SFA			
West Coast Salmon	Sacramento River Winter (ESA Endangered 1994)	PFMC		N/A ²⁶ Exception 3		N/A	N/A	N/A	N/A
	Northern California Coast Chinook								
West Coast Salmon	Klamath River Fall (Klamath and Trinity Rivers)	PFMC		No		No	Yes	N/A	N/A
West Coast Salmon	Eel, Mattole, Mad, and Smith Rivers ²⁷ (Fall and Spring) (Eel, Mattole, and Mad River Stocks - ESA Threatened 1999)	PFMC		N/A ²⁶ Exception 3		N/A	N/A	N/A	N/A
West Coast Salmon	Klamath River Spring (Klamath and Trinity Rivers)	PFMC		Unknown ²⁸		Unknown ²⁸	Unknown	N/A	N/A
	Oregon Coast Chinook								
West Coast Salmon	Southern Oregon (Aggregate of Fall and Spring stocks in all streams south of Elk River; Rogue River Fall stock is used to indicate relative abundance and ocean contribution rates)	PFMC		No		No	No	N/A	N/A

2005 Status of U.S. Fisheries

Fishery Management Plan	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)		Overfished? (Is Biomass below Threshold?)		Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress
			Pre SFA	Post SFA	Pre SFA	Post SFA			
West Coast Salmon	Central and Northern Oregon (Aggregate of Fall and Spring stocks in all streams from the Elk River to just south of the Columbia River)	PFMC		No		No	No	N/A	N/A
	Columbia River Basin Chinook								
West Coast Salmon	North Lewis River Fall (ESA Threatened 1999)	PFMC		N/A ²⁶ Exception 3		N/A	N/A	N/A	N/A
West Coast Salmon	Lower River Hatchery Fall	PFMC		N/A ²⁶ Exception 1		N/A	N/A	N/A	N/A
West Coast Salmon	Lower River Hatchery Spring	PFMC		N/A ²⁶ Exception 1		N/A	N/A	N/A	N/A
West Coast Salmon	Spring Creek Hatchery Fall	PFMC		N/A ²⁶ Exception 1		N/A	N/A	N/A	N/A
West Coast Salmon	Snake River Fall (ESA Threatened 1992)	PFMC		N/A ²⁶ Exception 3		N/A	N/A	N/A	N/A
West Coast Salmon	Upper Willamette Spring (ESA Threatened 1999)	PFMC		N/A ²⁶ Exceptions 2 & 3		N/A	N/A	N/A	N/A
West Coast Salmon	Mid-River Bright Hatchery (Fall)	PFMC		N/A ²⁶ Exception 1		N/A	N/A	N/A	N/A
West Coast Salmon	Klickitat, Warm Springs, John Day, and Yakima Rivers (Spring)	PFMC		N/A ²⁶ Exception 2		N/A	N/A	N/A	N/A
West Coast Salmon	Snake River Spring / Summer (ESA Threatened 1992)	PFMC		N/A ²⁶ Exceptions 2 & 3		N/A	N/A	N/A	N/A

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Fishery Management Plan	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)		Overfished? (Is Biomass below Threshold?)		Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress
			Pre SFA	Post SFA	Pre SFA	Post SFA			
West Coast Salmon	Upper River Bright (Fall)	PFMC		N/A ²⁶ Exception 2		N/A	N/A	N/A	N/A
West Coast Salmon	Upper River Summer	PFMC		N/A ²⁶ Exception 2		N/A	N/A	N/A	N/A
West Coast Salmon	Upper River Spring (ESA Endangered 1999)	PFMC		N/A ²⁶ Exceptions 2 & 3		N/A	N/A	N/A	N/A
	Washington Coast Chinook								
West Coast Salmon	Willapa Bay Fall (Natural)	PFMC		N/A ²⁶ Exception 2		N/A	N/A	N/A	N/A
West Coast Salmon	Willapa Bay Fall (Hatchery)	PFMC		N/A ²⁶ Exception 1		N/A	N/A	N/A	N/A
West Coast Salmon	Grays Harbor Fall	PFMC		N/A ²⁶ Exception 2		N/A	N/A	N/A	N/A
West Coast Salmon	Grays Harbor Spring	PFMC		N/A ²⁶ Exception 2		N/A	N/A	N/A	N/A
West Coast Salmon	Quinalt Fall	PFMC		N/A ²⁶ Exception 1		N/A	N/A	N/A	N/A
West Coast Salmon	Queets Fall	PFMC		N/A ²⁶ Exception 2		N/A	N/A	N/A	N/A
West Coast Salmon	Queets Spring / Summer	PFMC		N/A ²⁶ Exception 2		N/A	N/A	N/A	N/A
West Coast Salmon	Hoh Fall	PFMC		N/A ²⁶ Exception 2		N/A	N/A	N/A	N/A
West Coast Salmon	Hoh Spring / Summer	PFMC		N/A ²⁶ Exception 2		N/A	N/A	N/A	N/A

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Fishery Management Plan	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)		Overfished? (Is Biomass below Threshold?)		Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress
			Pre SFA	Post SFA	Pre SFA	Post SFA			
West Coast Salmon	Quillayute Fall	PFMC		N/A ²⁶ Exception 2		N/A	N/A	N/A	N/A
West Coast Salmon	Quillayute Spring / Summer	PFMC		N/A ²⁶ Exception 2		N/A	N/A	N/A	N/A
West Coast Salmon	Hoko Summer / Fall (Western Strait of Juan De Fuca)	PFMC		N/A ²⁶ Exception 2		N/A	N/A	N/A	N/A
	Puget Sound Chinook								
West Coast Salmon	Eastern Strait of Juan De Fuca Summer / Fall (ESA Threatened 1999)	PFMC		N/A ²⁶ Exceptions 2 & 3		N/A	N/A	N/A	N/A
West Coast Salmon	Skokomish Summer / Fall (Hood Canal) (ESA Threatened 1999)	PFMC		N/A ²⁶ Exceptions 2 & 3		N/A	N/A	N/A	N/A
West Coast Salmon	Nooksack Spring (Early) (ESA Threatened 1999)	PFMC		N/A ²⁶ Exceptions 2 & 3		N/A	N/A	N/A	N/A
West Coast Salmon	Skagit Summer / Fall (ESA Threatened 1999)	PFMC		N/A ²⁶ Exceptions 2 & 3		N/A	N/A	N/A	N/A
West Coast Salmon	Skagit Spring (ESA Threatened 1999)	PFMC		N/A ²⁶ Exceptions 2 & 3		N/A	N/A	N/A	N/A
West Coast Salmon	Stillaguamish Summer / Fall (ESA Threatened 1999)	PFMC		N/A ²⁶ Exceptions 2 & 3		N/A	N/A	N/A	N/A
West Coast Salmon	Snohomish Summer / Fall (ESA Threatened 1999)	PFMC		N/A ²⁶ Exceptions 2 & 3		N/A	N/A	N/A	N/A
West Coast Salmon	Cedar River Summer / Fall (Lake Washington) (ESA Threatened 1999)	PFMC		N/A ²⁶ Exceptions 2 & 3		N/A	N/A	N/A	N/A
West Coast Salmon	White River Spring (ESA Threatened 1999)	PFMC		N/A ²⁶ Exceptions 2 & 3		N/A	N/A	N/A	N/A
West Coast Salmon	Green River Summer / Fall Threatened (1999)	PFMC		N/A ²⁶ Exceptions 2 & 3		N/A	N/A	N/A	N/A

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Fishery Management Plan	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)		Overfished? (Is Biomass below Threshold?)		Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress
			Pre SFA	Post SFA	Pre SFA	Post SFA			
West Coast Salmon	Nisqually River Summer / Fall (South Puget Sound) (ESA Threatened 1999)	PFMC		N/A ²⁶ Exceptions 2 & 3		N/A	N/A	N/A	N/A
	Southern British Columbia Chinook								
West Coast Salmon	Coastal Stocks ²⁹	PFMC		N/A ²⁶ Exception 2		N/A	N/A	N/A	N/A
West Coast Salmon	Fraser River (British Columbia, Canada) ²⁹	PFMC		N/A ²⁶ Exception 2		N/A	N/A	N/A	N/A
	Oregon Production Index Area Coho								
West Coast Salmon	Oregon Coastal Natural comprised of Southern, South-Central, North-Central, and Northern Oregon Stocks. (Northern Stocks - Proposed ESA Threatened 2004; Southern Stock - ESA Threatened 1997) ³⁰	PFMC		N/A ²⁶ Exception 3		N/A	N/A	N/A	N/A
West Coast Salmon	Columbia River Late (Hatchery)	PFMC		N/A ²⁶ Exception 1		N/A	N/A	N/A	N/A
West Coast Salmon	Columbia River Early (Hatchery)	PFMC		N/A ²⁶ Exception 1		N/A	N/A	N/A	N/A
West Coast Salmon	Central California Coast (ESA Threatened 1996)	PFMC		N/A ²⁶ Exception 3		N/A	N/A	N/A	N/A
West Coast Salmon	Northern California (ESA Threatened 1997)	PFMC		N/A ²⁶ Exception 3		N/A	N/A	N/A	N/A
West Coast Salmon	Columbia River (Natural) (Proposed ESA Threatened 2004)	PFMC		Unknown ²⁸		Unknown ²⁸	Unknown	N/A	N/A

2005 Status of U.S. Fisheries

Fishery Management Plan	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)		Overfished? (Is Biomass below Threshold?)		Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress
			Pre SFA	Post SFA	Pre SFA	Post SFA			
	Washington Coastal Coho								
West Coast Salmon	Willapa Bay (Hatchery)	PFMC		N/A ²⁶ Exception 1		N/A	N/A	N/A	N/A
West Coast Salmon	Grays Harbor	PFMC		No		No	No	N/A	N/A
West Coast Salmon	Quinault (Hatchery)	PFMC		N/A ²⁶ Exception 1		N/A	N/A	N/A	N/A
West Coast Salmon	Queets	PFMC		No		No	No	N/A	N/A
West Coast Salmon	Hoh	PFMC		No		No	No	N/A	N/A
West Coast Salmon	Quillayute Fall	PFMC		No		No	No	N/A	N/A
West Coast Salmon	Quillayute Summer (Hatchery)	PFMC		N/A ²⁶ Exception 1		N/A	N/A	N/A	N/A
West Coast Salmon	Western Strait of Juan De Fuca (Sekiu, Hoko, Clallam, Pysht, East and West, and Lyre Rivers and miscellaneous streams west of the Elwha River)	PFMC		No		No	No	N/A	N/A
	Puget Sound Coho								
West Coast Salmon	Eastern Strait of Juan De Fuca (streams east of Salt Creek through Chimacum Creek)	PFMC		No		No	No	N/A	N/A
West Coast Salmon	Hood Canal	PFMC		No		No	No	N/A	N/A
West Coast Salmon	Skagit	PFMC		No		No	No	N/A	N/A

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Fishery Management Plan	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)		Overfished? (Is Biomass below Threshold?)		Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress
			Pre SFA	Post SFA	Pre SFA	Post SFA			
West Coast Salmon	Stillaguamish	PFMC		No		No	No	N/A	N/A
West Coast Salmon	Snohomish	PFMC		No		No	No	N/A	N/A
West Coast Salmon	South Puget Sound (Hatchery)	PFMC		N/A ²⁶ Exception 1		N/A	N/A	N/A	N/A
	Southern British Columbia Coast Coho								
West Coast Salmon	Coastal Stocks ²⁹	PFMC		N/A ²⁶ Exception 2		N/A	N/A	N/A	N/A
West Coast Salmon	Fraser River (British Columbia, Canada) ²⁹	PFMC		N/A ²⁶ Exception 2		N/A	N/A	N/A	N/A
	Pink (Odd-Numbered Years)								
West Coast Salmon	Puget Sound ²⁹	PFMC		N/A ²⁶ Exception 2		N/A	N/A	N/A	N/A
West Coast Salmon	Fraser River (British Columbia, Canada) ²⁹	PFMC		N/A ²⁶ Exception 2		N/A	N/A	N/A	N/A
Pacific Coast Groundfish	Silvergrey Rockfish	PFMC		No		Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Butter Sole	PFMC		Unknown		Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Curlfin Sole	PFMC		Unknown		Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Flathead Sole	PFMC		Unknown		Unknown	Unknown	N/A	N/A

2005 Status of U.S. Fisheries

Fishery Management Plan	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)		Overfished? (Is Biomass below Threshold?)		Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress
			Pre SFA	Post SFA	Pre SFA	Post SFA			
Pacific Coast Groundfish	Rock Sole	PFMC		Unknown		Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Aurora Rockfish	PFMC		Unknown		Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Black-And-Yellow Rockfish	PFMC		Unknown		Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Bronzespotted Rockfish	PFMC		Unknown		Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Calico Rockfish	PFMC		Unknown		Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Chameleon Rockfish	PFMC		Unknown		Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	China Rockfish	PFMC		Unknown		Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Copper Rockfish	PFMC		Unknown		Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Dusky Rockfish	PFMC		Unknown		Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Dwarf-Red Rockfish	PFMC		Unknown		Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Flag Rockfish	PFMC		Unknown		Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Freckled Rockfish	PFMC		Unknown		Unknown	Unknown	N/A	N/A

2005 Status of U.S. Fisheries

Fishery Management Plan	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)		Overfished? (Is Biomass below Threshold?)		Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress
			Pre SFA	Post SFA	Pre SFA	Post SFA			
Pacific Coast Groundfish	Grass Rockfish	PFMC		Unknown		Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Greenblotched Rockfish	PFMC		Unknown		Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Greenspotted Rockfish	PFMC		Unknown		Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Greenstriped Rockfish	PFMC		Unknown		Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Halfbanded Rockfish	PFMC		Unknown		Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Harlequin Rockfish	PFMC		Unknown		Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Honeycomb Rockfish	PFMC		Unknown		Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Kelp Rockfish	PFMC		Unknown		Unknown	Unknown	N/A	N/A

2005 Status of U.S. Fisheries

Fishery Management Plan	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)		Overfished? (Is Biomass below Threshold?)		Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress
			Pre SFA	Post SFA	Pre SFA	Post SFA			
Pacific Coast Groundfish	Mexican Rockfish	PFMC		Unknown		Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Olive Rockfish	PFMC		Unknown		Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Pink Rockfish	PFMC		Unknown		Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Pinkrose Rockfish	PFMC		Unknown		Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Pygmy Rockfish	PFMC		Unknown		Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Quillback Rockfish	PFMC		Unknown		Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Redbanded Rockfish	PFMC		Unknown		Unknown	Unknown	N/A	N/A

2005 Status of U.S. Fisheries

Fishery Management Plan	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)		Overfished? (Is Biomass below Threshold?)		Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress
			Pre SFA	Post SFA	Pre SFA	Post SFA			
Pacific Coast Groundfish	Redstripe Rockfish	PFMC		Unknown		Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Rosethorn Rockfish	PFMC		Unknown		Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Rosy Rockfish	PFMC		Unknown		Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Sharpchin Rockfish	PFMC		Unknown		Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Shortraker Rockfish	PFMC		Unknown		Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Speckled Rockfish	PFMC		Unknown		Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Squarespot Rockfish	PFMC		Unknown		Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Starry Rockfish	PFMC		Unknown		Unknown	Unknown	N/A	N/A

2005 Status of U.S. Fisheries

Fishery Management Plan	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)		Overfished? (Is Biomass below Threshold?)		Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress
			Pre SFA	Post SFA	Pre SFA	Post SFA			
Pacific Coast Groundfish	Stripetail Rockfish	PFMC		Unknown		Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Swordspine Rockfish	PFMC		Unknown		Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Tiger Rockfish	PFMC		Unknown		Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Yellowmouth Rockfish	PFMC		Unknown		Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Leopard Shark	PFMC		Unknown		Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Southern Shark	PFMC		Unknown		Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Big Skate	PFMC		Unknown		Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	California Skate	PFMC		Unknown		Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Ratfish	PFMC		Unknown		Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Finescale Codling	PFMC		Unknown		Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Treefish	PFMC		Unknown		Unknown	Unknown	N/A	N/A
West Coast Highly Migratory Species and Pelagic Fisheries of the Western Pacific Region	Common Thresher Shark - North Pacific	PFMC / WPFMC		Unknown		Unknown	Unknown	N/A	N/A

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Fishery Management Plan	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)		Overfished? (Is Biomass below Threshold?)		Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress
			Pre SFA	Post SFA	Pre SFA	Post SFA			
West Coast Highly Migratory Species and Pelagic Fisheries of the Western Pacific Region	Bigeye Thresher Shark - North Pacific	PFMC / WPFMC		Unknown		Unknown	Unknown	N/A	N/A
West Coast Highly Migratory Species and Pelagic Fisheries of the Western Pacific Region	Pelagic Thresher Shark - North Pacific	PFMC / WPFMC		Unknown		Unknown	Unknown	N/A	N/A
West Coast Highly Migratory Species and Pelagic Fisheries of the Western Pacific Region	Shortfin Mako Shark - North Pacific	PFMC / WPFMC		Unknown		Unknown	Unknown	N/A	N/A
Pelagic Fisheries of the Western Pacific Region	Black Marlin - Pacific	WPFMC		Unknown		Unknown	Unknown	N/A	N/A
Pelagic Fisheries of the Western Pacific Region	Pomfrets - Pacific	WPFMC		Unknown		Unknown	Unknown	N/A	N/A
Pelagic Fisheries of the Western Pacific Region	Sailfish - Pacific	WPFMC		Unknown		Unknown	Unknown	N/A	N/A
Pelagic Fisheries of the Western Pacific Region	Longfin Mako Shark - North Pacific	WPFMC		Unknown		Unknown	Unknown	N/A	N/A
Pelagic Fisheries of the Western Pacific Region	Silky Shark - Tropical Pacific	WPFMC		Unknown		Unknown	Unknown	N/A	N/A
Pelagic Fisheries of the Western Pacific Region	Oceanic Whitetip Shark - Tropical Pacific	WPFMC		Unknown		Unknown	Unknown	N/A	N/A
Pelagic Fisheries of the Western Pacific Region	Salmon Shark - North Pacific	WPFMC		Unknown		Unknown	Unknown	N/A	N/A
Pelagic Fisheries of the Western Pacific Region	other Tuna Relatives - Tropical Pacific ³¹	WPFMC		Unknown		Unknown	Unknown	N/A	N/A
Pelagic Fisheries of the Western Pacific Region	Oilfish Family - Pacific	WPFMC		Unknown		Unknown	Unknown	N/A	N/A
Bottomfish and Seamount Groundfish Fisheries of the Western Pacific Region	Bottomfish Multi-Species Complex - Northern Mariana Islands ³²	WPFMC		No		No	No	N/A	N/A
Crustaceans Fisheries of the Western Pacific Region	Lobster Complex - Northwestern Hawaiian Islands ³³	WPFMC		No ³⁴		Unknown	Unknown	N/A	N/A

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Fishery Management Plan	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)		Overfished? (Is Biomass below Threshold?)		Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress
			Pre SFA	Post SFA	Pre SFA	Post SFA			
Crustaceans Fisheries of the Western Pacific Region	Lobster Complex - other than Northwestern Hawaiian Islands ³³	WPFMC		Undefined		Undefined	Unknown	N/A	N/A
Crustaceans Fisheries of the Western Pacific Region	Kona Crab - Hawaiian Archipelago	WPFMC		Undefined		Undefined	Unknown	N/A	N/A
Precious Corals Fisheries of the Western Pacific Region	Precious Corals Multi-Species Complex - Makapu'u Bed ³⁵	WPFMC		No ³⁶		Unknown	Unknown	N/A	N/A
Precious Corals Fisheries of the Western Pacific Region	Precious Corals Multi-Species Complex - Conditional Beds ³⁵	WPFMC		Unknown		Unknown	Unknown	N/A	N/A
Precious Corals Fisheries of the Western Pacific Region	Black Coral - Au'Au Bed ³⁷	WPFMC		Unknown		Unknown	Unknown	N/A	N/A
Coral Reef Ecosystems of the Western Pacific Region	Coral Reef Ecosystem Multi-Species Complex - American Samoa ³⁸	WPFMC		Unknown		Unknown	Unknown	N/A	N/A
Coral Reef Ecosystems of the Western Pacific Region	Coral Reef Ecosystem Multi-Species Complex - Northern Mariana Islands ³⁸	WPFMC		Unknown		Unknown	Unknown	N/A	N/A
Coral Reef Ecosystems of the Western Pacific Region	Coral Reef Ecosystem Multi-Species Complex - Guam ³⁸	WPFMC		Unknown		Unknown	Unknown	N/A	N/A
Coral Reef Ecosystems of the Western Pacific Region	Coral Reef Ecosystem Multi-Species Complex - Pacific remote island areas ³⁹	WPFMC		Unknown		Unknown	Unknown	N/A	N/A
Alaska Salmon	Pink Salmon	NPFMC		No		No	No	N/A	N/A
Alaska Salmon	Sockeye Salmon	NPFMC		No		No	No	N/A	N/A
Alaska Salmon	Chum Salmon	NPFMC		No		No	No	N/A	N/A
Alaska Salmon	Coho Salmon	NPFMC		No		No	No	N/A	N/A
Alaska Salmon	Chinook Salmon	NPFMC		No		No	No	N/A	N/A
Gulf of Alaska Groundfish	Walleye Pollock - Eastern	NPFMC		No		Undefined	Unknown	N/A	N/A

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Fishery Management Plan	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)		Overfished? (Is Biomass below Threshold?)		Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress
			Pre SFA	Post SFA	Pre SFA	Post SFA			
Gulf of Alaska Groundfish	Atka Mackerel	NPFMC		No		Undefined	Unknown	N/A	N/A
Gulf of Alaska Groundfish	Other Slope Rockfish Complex ⁴⁰	NPFMC		No		Undefined	Unknown	N/A	N/A
Gulf of Alaska Groundfish	Shallow Water Flatfish Complex ⁴¹	NPFMC		No		Undefined	Unknown	N/A	N/A
Gulf of Alaska Groundfish	Big Skate	NPFMC		No		Undefined	Unknown	N/A	N/A
Gulf of Alaska Groundfish	Longnose Skate	NPFMC		No		Undefined	Unknown	N/A	N/A
Gulf of Alaska Groundfish	Other Skates Complex ⁴²	NPFMC		No		Undefined	Unknown	N/A	N/A
Gulf of Alaska Groundfish	Shortraker Rockfish	NPFMC		No		Undefined	Unknown	N/A	N/A
Gulf of Alaska Groundfish	Other Species Complex ⁴³	NPFMC		Undefined		Undefined	Unknown	N/A	N/A
Bering Sea / Aleutian Islands Groundfish	Walleye Pollock - Bogoslof	NPFMC		No		Undefined	Unknown	N/A	N/A
Bering Sea / Aleutian Islands Groundfish	Shortraker Rockfish	NPFMC		No		Undefined	Unknown	N/A	N/A
Bering Sea / Aleutian Islands Groundfish	Other Rockfish Complex ⁴⁴	NPFMC		No		Undefined	Unknown	N/A	N/A

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Fishery Management Plan	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)		Overfished? (Is Biomass below Threshold?)		Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress
			Pre SFA	Post SFA	Pre SFA	Post SFA			
Bering Sea / Aleutian Islands Groundfish	Other Flatfish Complex ⁴⁵	NPFMC		No		Undefined	Unknown	N/A	N/A
Bering Sea / Aleutian Islands Groundfish	Squid Complex ⁴⁶	NPFMC		No		Undefined	Unknown	N/A	N/A
Bering Sea / Aleutian Islands Groundfish	Other Species Complex ⁴⁷	NPFMC		No		Undefined	Unknown	N/A	N/A
Alaska Weathervane Scallops	Alaska Scallops	NPFMC		No		No	No	N/A	N/A
Bering Sea / Aleutian Islands King and Tanner Crabs	Blue King Crab - Saint Lawrence Island	NPFMC		No ⁴⁸		Undefined	Unknown	N/A	N/A
Bering Sea / Aleutian Islands King and Tanner Crabs	Golden King Crab - Northern District	NPFMC		Unknown		Undefined	Unknown	N/A	N/A
Bering Sea / Aleutian Islands King and Tanner Crabs	Golden King Crab - Pribilof Islands	NPFMC		Unknown		Undefined	Unknown	N/A	N/A
Bering Sea / Aleutian Islands King and Tanner Crabs	Red King Crab - Aleutian Islands, Dutch Harbor	NPFMC		No ⁴⁸		Undefined	Unknown	N/A	N/A
Bering Sea / Aleutian Islands King and Tanner Crabs	Scarlet King Crab - Aleutian Islands	NPFMC		Unknown		Undefined	Unknown	N/A	N/A
Bering Sea / Aleutian Islands King and Tanner Crabs	Scarlet King Crab - Eastern Bering Sea	NPFMC		Unknown		Undefined	Unknown	N/A	N/A
Bering Sea / Aleutian Islands King and Tanner Crabs	Tanner Crab - Adak (Western Aleutians)	NPFMC		No ⁴⁸		Undefined	Unknown	N/A	N/A
Bering Sea / Aleutian Islands King and Tanner Crabs	Tanner Crab - Eastern Aleutian Islands	NPFMC		No ⁴⁸		Undefined	Unknown	N/A	N/A
Bering Sea / Aleutian Islands King and Tanner Crabs	Tanner Crab - Eastern Aleutian Islands Grooved	NPFMC		Unknown		Undefined	Unknown	N/A	N/A
Bering Sea / Aleutian Islands King and Tanner Crabs	Tanner Crab - Eastern Aleutian Islands Triangle	NPFMC		Unknown		Undefined	Unknown	N/A	N/A

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Fishery Management Plan	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)		Overfished? (Is Biomass below Threshold?)		Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress
			Pre SFA	Post SFA	Pre SFA	Post SFA			
Bering Sea / Aleutian Islands King and Tanner Crabs	Tanner Crab - Eastern Bering Sea Grooved	NPFMC		Unknown		Undefined	Unknown	N/A	N/A
Bering Sea / Aleutian Islands King and Tanner Crabs	Tanner Crab - Eastern Bering Sea Triangle	NPFMC		Unknown		Undefined	Unknown	N/A	N/A
Bering Sea / Aleutian Islands King and Tanner Crabs	Tanner Crab - Western Aleutian Islands Grooved	NPFMC		No ⁴⁸		Undefined	Unknown	N/A	N/A
Atlantic Billfishes	Longbill Spearfish - West Atlantic	HMS		Unknown		Unknown	Unknown	N/A	N/A
Atlantic Tunas, Swordfish and Sharks	Skipjack Tuna - West Atlantic	HMS		Unknown		Unknown	Unknown	N/A	N/A
Atlantic Tunas, Swordfish and Sharks	Pelagic Shark Complex ⁴⁹	HMS		Unknown		Unknown	Unknown	N/A	N/A

*Pre-SFA Rebuilding Plan with a timeline defined.

**Pre-SFA Rebuilding Plan with no timeline defined.

1. A formal rebuilding program was not required or submitted because either no fishing is allowed in this fishery, or incidental harvest is limited to levels necessary to meet Endangered Species Act (ESA) requirements. A recovery plan under the ESA is being developed.
2. Although the fishery in the EEZ is closed and fishing mortality is likely very low in federal waters, there remains an active fishery in states' waters.
3. This stock was assessed using pre-SFA criteria, but its status should be regarded as unknown. The stock assessment used static spawning potential ratio (SPR) to determine the overfished status, but static SPR is not an appropriate measure to determine overfished status; it is useful for measuring the overfishing status. Measures are being developed to list the correct status by the end of 2006.
4. Although this stock is currently under a rebuilding plan, the determination of overfished was based on pre-SFA criteria, which are inadequate for determining stock size. Measures are being developed to determine if a rebuilding plan is required.
5. Fishery in the EEZ and state waters is closed; therefore, fishing mortality is very low.
6. Although the biomass level is known, determining whether the stock is approaching an overfished condition requires an additional level of analysis which has not been done.
7. On July 11, 2003, NMFS partially approved the FMP for this stock. Although one of the disapproved provisions included the MFMT, a component of the overfishing definition, an examination of the rate of harvest (currently zero), relative to the approved MSY level (100,000 mt), indicates that overfishing is not occurring. In addition, no directed fishery for this stock currently exists. This species has the capacity to increase its biomass through vegetative growth by as much as 10 percent per day, thus doubling its biomass every two weeks. Therefore, it is unlikely that this stock is overfished.
8. This unit (Snapper Unit 2) is part of the Caribbean Reef Fish FMU and is composed of queen snapper and wenchman; queen snapper is the indicator species for the unit.
9. This unit (Grouper Unit 3) is part of the Caribbean Reef Fish FMU and is composed of red hind, coney, rock hind, graysby, and creole fish; red hind is the indicator species for the unit.
10. This unit (Grunts) is part of the Caribbean Reef Fish FMU and is composed of white grunt, tomtate, blue striped grunt, French grunt, margate, and porkfish. There is no indicator species for this unit.
11. This unit (Goatfishes) is part of the Caribbean Reef Fish FMU and is composed of spotted and yellow goatfishes. There is no indicator species for this unit.
12. This unit (Porgies) is part of the Caribbean Reef Fish FMU and is composed of jolthead porgy, sea bream, sheepshead porgy, and pluma. There is no indicator species for this unit.
13. This unit (Squirrelfishes) is part of the Caribbean Reef Fish FMU and is composed of black bar squirrelfish, lonspine squirrelfish, bigeye (*Priacanthus arenatus*), and squirrelfish. There is no indicator species for this unit.
14. This unit (Tilefishes) is part of the Caribbean Reef Fish FMU and is composed of blackline and sand tilefishes. There is no indicator species for this unit.
15. This unit (Jacks) is part of the Caribbean Reef Fish FMU and is composed of blue runner, greater amberjack, horseeye, black, almaco, bar, and yellow jacks. There is no indicator species for this unit.
16. This unit (Parrotfishes) is part of the Caribbean Reef Fish FMU and is composed of blue, midnight, princess, queen, rainbow, striped, redband, redtail, redfin, and stoplight parrotfishes. There is no indicator species for this unit.
17. The Parrotfishes Unit is considered "at risk" by the SFA Working Group and the CFMC ($B_{curr}/B_{msy} = 0.75$; $F_{curr}/F_{msy} = 1.5$).
18. This unit (Surgeonfish) is part of the Caribbean Reef Fish FMU and is composed of doctorfish, bluetang, and ocean surgeonfish. There is no indicator species for this unit.

19. This stock (Triggerfishes and Filefishes) is part of the Caribbean Reef Fish FMU and is composed of ocean, queen, and Sargassum triggerfishes; scrawled and whitespotted filefishes; and black durgon; queen triggerfish is the indicator species for the unit.
20. This unit (Boxfishes) is part of the Caribbean Reef Fish FMU and is composed of honeycombed and scrawled cowfishes; trunkfish, spotted trunkfish, and smooth trunkfish. There is no indicator species for this unit.
21. This unit (Wrasses) is part of the Caribbean Reef Fish FMU and is composed of hogfish, Spanish hogfish, and puddingwife; hogfish is the indicator species for the unit.
22. This unit (Angelfishes) is part of the Caribbean Reef Fish FMU and is composed of queen, gray, and French angelfishes. There is no indicator species for this unit.
23. In addition to the other 79 species contained in this FMP, there are an additional 60 species that are for aquarium trade only including Frogfish, Flamefish, Conchfish, Redlip Blenny, Peacock Flounder, Longsnout Butterflyfish, Foureye Butterflyfish, Spotfin Butterflyfish, Banded Butterflyfish, Redspotted Hawkfish, Flying Gurnard, Atlantic Spadefish, Neon Goby, Rusty Goby, Royal Gramma, Creole Wrasse, Yellowcheek Wrasse, Yellowhead Wrasse, Clown Wrasse, Green Wrasse, Pearly Razorfish, Bluehead Wrasse, Chain Moray, Green Moray, Goldentail Moray, Batfish, Goldspotted Eel, Yellowhead Jawfish, Dusky Jawfish, Cherubfish, Rock Beauty, Sergeant Major, Blue Chromis, Sunshinefish, Yellowtail Damselfish, Dusky Damselfish, Beaugregory, Bicolor Damselfish, Threespot Damselfish, Glasseye Snapper, High-hat, Jackknife-fish, Spotted Drum, Scorpionfishes, Butter Hamlet, Swissguard Basslet, Greater Soapfish, Orangeback Bass, Lantern Bass, Tobaccofish, Harlequin Bass, Chalk Bass, Caribbean Tonguefish, Seahorses, Pipefishes, Sand Diver, Sharpnose Puffer, Porcupinefish, Trumpetfish, and Cardinal Soldierfish.
24. This FMP contains eight species for data collection only including Atlantic triton's trumpet, cameo helmet, green star shell, hawkwing conch, milk conch, roostertail conch, true tulip, and West Indian fighting conch. This FMP also contains Queen Conch, which is an FSSI stock.
25. This FMP contains many corals and reef associated invertebrates. NMFS determined that the available data are inadequate or insufficient for providing a defensible and meaningful estimate of MSST for managed species in the Coral Reef FMP. Accordingly, various taxa are included for data collection purposes only:
26. The Salmon FMP contains three exceptions to the application of overfishing criteria and subsequent Council actions for stocks or stock complexes with conservation objectives: Exceptions: (1) hatchery stocks, (2) stocks for which Council management actions have inconsequential impacts, and (3) stocks listed under the ESA.
27. The Smith River Chinook is not part of the California Coastal Chinook ESU, which includes the Eel, Mattole, and Mad River stocks. However, there are no conservation objectives defined for the northern coastal chinook stocks. These stocks are managed consistent with NMFS jeopardy standard / recovery plans for the California Coastal Chinook ESU. The Smith River stock is therefore also managed under the NMFS jeopardy standard / recovery plans.
28. Amendment 14 to the Salmon FMP added these stocks to the list of stocks managed under the FMP but did not identify conservation objectives. The PFMC has not yet developed an objective. Prior to Amendment 14, Klamath River spring Chinook were regarded as one of several sub-basin stocks protected by the Klamath River fall Chinook objective. The NMFS Chinook status review included Klamath River fall and spring Chinook as part of the same ESU.
29. The PFMC manages these fisheries consistent with provisions of the Pacific Salmon Treaty. These stocks originate from either U.S. or Canadian waters and are managed as mixed stock fisheries.
30. Oregon Coastal Natural (OCN) coho are managed subject to the provisions of Amendment 13 to the Salmon FMP. The southern stock complex is listed as a threatened species under the ESA as part of the Southern Oregon / Northern California Coasts Coho ESU (May 6, 1997), and during 2005, the northern components, Oregon Coast coho ESU, were proposed listed as a threatened species (June 2004); therefore only the southern stock currently meets exception 3.
31. The management unit includes *Auxis* spp. (frigate mackerels), *Allothenus* spp. (slender tunas), and *Scomber* spp. (mackerels).
32. This complex contains up to 19 species including Seabass - hapuu'upu, Squirrelfish Snapper - ehui, Longtail Snapper - onaga, Silver Jaw Jobfish - lehi, Gray Jobfish - uku, Blueline Snapper, Yellowtail Snapper - yellow tail kalekale, Crimson jobfish - opakapaka, Yelloweye Snapper - yelloweye opakapaka, Von Siebolds Snapper - kalekale, Oblique-Banded Snapper - gindai, Giant Trevally - white ulua, Black Jack - black ulua, Thick Lipped Trevally - pig ulua, Amberjack - kahala, Blacktip Grouper, Lunartail Grouper, Ambon Emperor, and Redgill Emperor. Assessments are made for multi-species stock complexes, one complex for each of the Hawaiian Archipelago, American Samoa, and Guam.

33. This complex contains up to 5 species including Red Spiny Lobster, Green Spiny Lobster, Common Slipper Lobster, Chinese Slipper Lobster, and Giant Slipper Lobster.
34. The fishery has been closed since 1999 and fishing mortality has been virtually zero since then.
35. This complex contains up to 12 taxa including *Corallium secundum*, *Corallium regale*, *Corallium laauense*, *Gerardia* spp., *Callogorgia gilberti*, *Narella* spp., *Calyptrophora* spp., *Lepidisis olapa*, *Acanella* spp., *Antipathes grandis*, *Antipathes dichotoma*, and *Antipathes ulex*.
36. There has been virtually no fishing for this stock since 2001 and fishing mortality has been virtually zero since then.
37. This complex contains up to 3 species including *Antipathes grandis*, *Antipathes dichotoma*, and *Antipathes ulex*.
38. This complex contains up to 146 "currently harvested coral reef taxa" and innumerable "potentially harvested coral reef taxa."
39. This complex contains up to 146 "currently harvested coral reef taxa" and innumerable "potentially harvested coral reef taxa." The Pacific remote island areas (PRIA) are U.S. island possessions in the Pacific Ocean that include Palmyra Atoll, Kingman Reef, Jarvis Island, Baker Island, Howland Island, Johnston Atoll, Wake Island, and Midway Atoll. All reefs of the PRIA except Wake Island, which is under the jurisdiction of the Department of Defense, are National Wildlife Refuges. Fishing for coral reef-associated species is prohibited in all these areas except Palmyra Atoll, Johnston Atoll, Wake Island, and Midway Atoll.
40. The Other Slope Rockfish Complex consists of the following stocks: Blackgill Rockfish, Bocaccio, Chilipepper, Darkblotched Rockfish, Greenstriped Rockfish, Harlequin Rockfish, Northern Rockfish (Eastern GOA only), Pygmy Rockfish, Redbanded Rockfish, Redstripe Rockfish, Sharpchin Rockfish, Silvergray Rockfish, Splitnose Rockfish, Stripetail Rockfish, Vermilion Rockfish, and Yellowmouth Rockfish. The overfishing determination is based on the OFL, which is computed by using abundance estimates of the complex.
41. The Shallow Water Flatfish Complex consists of the following stocks: Alaska Plaice, Butter Sole, C-O Sole, Curlfin Sole, English Sole, Northern Rock Sole, Pacific Sanddab, Petrale Sole, Sand Sole, Slender Sole, Southern Rock Sole, Speckled Sanddab, Starry Flounder, and Yellowfin Sole. The overfishing determination is based on the OFL, which is computed by using abundance estimates of the complex.
42. The Other Skates Complex consists of the following stocks: Alaska Skate, Aleutian Skate, Bering Skate, Deepsea Skate, Roughshoulder Skate, Roughtail Skate, and Whiteblotched Skate. The overfishing determination is based on the combined abundance estimates of these species.
43. The Other Species Complex consists of the following stocks: Pacific Sleeper Shark, Salmon Shark, Spiny Dogfish, Antlered Sculpin, Armorhead Sculpin, Bigmouth Sculpin, Blackfin Sculpin, Blob Sculpin, Brightbelly Sculpin, Brown Irish Lord, Buffalo Sculpin, Crested Sculpin, Darkfin Sculpin, Dusky Sculpin, Eyeshade Sculpin, Fourhorn Sculpin, Frog Sculpin, Frogmouth Sculpin, Great Sculpin, Grunt Sculpin, Longfin Sculpin, Northern Sculpin, Pacific Staghorn Sculpin, Plain Sculpin, Red Irish Lord, Ribbed Sculpin, Roughspine Sculpin, Roughskin Sculpin, Sailfin Sculpin, Scissortail Sculpin, Silverspotted Sculpin, Slim Sculpin, Smoothcheek Sculpin, Smoothhead Sculpin, Spatulate Sculpin, Spectacled Sculpin, Spinyhead Sculpin, Sponge Sculpin, Spotfin Sculpin, Tadpole Sculpin, Thorny Sculpin, Threaded Sculpin, Threadfin Sculpin, Warty Sculpin, Yellow Irish Lord, Sculpin *Artediellus* sp., Sculpin *Icelus euryops*, Flapjack Devilfish, Giant Pacific Octopus, Pelagic Octopus, Red Octopus, Smoothskin Octopus, Vampire Squid, North Pacific Bigeye Octopus, Squid *Berryteuthis anonychus*, Squid *Berryteuthis magister*, Squid *Chiroteuthis calyx*, Squid *Cranchia scabra*, Squid *Eogonatus tinro*, Squid *Galiteuthis phyllura*, Squid *Gonatopsis makko*, Squid *Gonatus berryi*, Squid *Gonatus kamtschaticus*, Squid *Gonatus madokai*, Squid *Gonatus onyx*, Squid *Gonatus pyros*, Squid *Histioteuthis boylei*, Squid *Loligo opalescens*, Squid *Moroteuthis robusta*, Squid *Octopoteuthis deletron*, and Squid *Onychoteuthis borealijaponicus*. There is no OFL specified for this complex. The TAC is based on a percentage of the combined TACs for the remainder of the groundfish fishery.
44. The Other Rockfish Complex consists of the following stocks: Dark Rockfish, Dusky Rockfish, Harlequin Rockfish, Redbanded Rockfish, Redstripe Rockfish, Sharpchin Rockfish, Shortspine Thornyhead, and Yelloweye Rockfish. The overfishing determination is based on the OFL, which is computed by using abundance estimates of the complex.
45. The Other Flatfish Complex consists of the following stocks: Arctic Flounder, Butter Sole, Curlfin Sole, Deepsea Sole, Dover Sole, English Sole, Longhead Dab, Pacific Sanddab, Petrale Sole, Rex Sole, Roughscale Sole, Sakhalin Sole, Sand Sole, Slender Sole, and Starry Flounder. The overfishing determination is based on the OFL, which is computed by using abundance estimates of the complex.

46. The Squid Complex consists of the following stocks: Squid *Belonella borealis*, Squid *Berryteuthis anonychus*, Squid *Berryteuthis magister*, Squid *Chiroteuthis calyx*, Squid *Cranchia scabra*, Squid *Eogonatus tinro*, Squid *Galiteuthis phyllura*, Squid *Gonatopsis borealis*, Squid *Gonatopsis makeo*, Squid *Gonatus berryi*, Squid *Gonatus kamtschaticus*, Squid *Gonatus madokai*, Squid *Gonatus onyx*, Squid *Gonatus pyros*, Squid *Histioteuthis hoylei*, Squid *Moroteuthis robusta*, and Squid *Rossia pacifica*. The overfishing determination is based on the OFL, which is equal to average historical catch.

47. The Other Species Complex consists of the following stocks: Antlered Sculpin, Arctic Staghorn Sculpin, Armorhead Sculpin, Banded Irish Lord, Bigmouth Sculpin, Blackfin Sculpin, Blacknose Sculpin, Blob Sculpin, Bride Sculpin, Broadfin Sculpin, Butterfly Sculpin, Crescent-tail Sculpin, Crested Sculpin, Darkfin Sculpin, Eyeshade Sculpin, Flabby Sculpin, Fourhorn Sculpin, Great Sculpin, Grunt Sculpin, Leister Sculpin, Longfin Irish Lord, Longfin Sculpin, Northern Sculpin, Pacific Hookear Sculpin, Pacific Staghorn Sculpin, Plain Sculpin, Purplegray Sculpin, Red Irish Lord, Ribbed Sculpin, Roughskin Sculpin, Roughspine Sculpin, Sailfin Sculpin, Scaled Sculpin, Scalybreasted Sculpin, Scissortail Sculpin, Slim Sculpin, Smoothcheek Sculpin, Spatulate Sculpin, Spectacled Sculpin, Spinyhead Sculpin, Sponge Sculpin, Tadpole Sculpin, Thorny Sculpin, Threaded Sculpin, Uncinate Sculpin, Warty Sculpin, Wide-eye Sculpin, Yellow Irish Lord, Flapjack Devilfish, Giant Pacific Octopus, Pelagic Octopus, Smoothskin Octopus, Octopus *Benthoctopus oregonensis*, Octopus *Graneledone boreopacifica*, Octopus *Bathypolypus arcticus*, Pacific Sleeper Shark, Salmon Shark, Spiny Dogfish, Alaska Skate, Aleutian Skate, Bering Skate, Big Skate, Butterfly Skate, Commander Skate, Deepsea Skate, Mud Skate, Okhotsk Skate, Roughshoulder Skate, Roughtail Skate, Whiteblotched Skate, and Whitebrow Skate. The overfishing determination is based on the OFL, which is computed by using abundance estimates of skates and sculpins and average historical catch for sharks and octopus.

48. Fishery in the EEZ is closed; therefore, fishing mortality is very low.

49. In addition to Shortfin Mako Shark, Blue Shark, and Porbeagle Shark, the Pelagic Shark Complex also consists of: Oceanic Whitetip Shark and Thresher Shark. This complex also consists of stocks that cannot be retained in recreational or commercial fisheries, which include: Bigeye Thresher Shark, Bigeye Sixgill Shark, Longfin Mako Shark, Sevengill Shark, and Sixgill Shark.