

Table A. Summary of Stock Status for FSSI Stocks

FMP	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)	Overfished? (Is Biomass below Threshold?)	Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress	B/Bmsy or B/Bmsy proxy
Atlantic Herring	Atlantic herring - Northwestern Atlantic Coast	NEFMC	No ¹	No ¹	No	N/A	N/A	0.97
Atlantic Sea Scallop	Sea scallop - Northwestern Atlantic Coast	NEFMC	No	No	No	N/A	N/A	1.53
Deep-Sea Red Crab	Red deepsea crab - Northwestern Atlantic	NEFMC	No ²	Unknown	Unknown	N/A	N/A	not estimated
Northeast Multispecies	Acadian redfish - Gulf of Maine / Georges Bank	NEFMC	No	No - Rebuilding	No	Continue Rebuilding	Year 7 of 47-year plan	0.64
Northeast Multispecies	American plaice - Gulf of Maine / Georges Bank	NEFMC	No	No - Rebuilding	No	Continue Rebuilding	Year 7 of 10-year plan	0.51
Northeast Multispecies	Atlantic cod - Georges Bank	NEFMC	Yes	Yes	N/A	Reduce Mortality, Continue Rebuilding	Year 7 of 22-year plan	0.12
Northeast Multispecies	Atlantic cod - Gulf of Maine	NEFMC	Yes	No - Rebuilding	No	Reduce Mortality, Continue Rebuilding	Year 7 of 10-year plan	0.58
Northeast Multispecies	Atlantic halibut - Northwestern Atlantic Coast	NEFMC	No	Yes	N/A	Continue Rebuilding	Year 7 of 52-year plan	0.03
Northeast Multispecies	Haddock - Georges Bank	NEFMC	No	No	No	N/A	N/A	1.99
Northeast Multispecies	Haddock - Gulf of Maine	NEFMC	No	No - Rebuilding	No	Continue Rebuilding	Year 7 of 10-year plan	0.99
Northeast Multispecies	Ocean pout - Northwestern Atlantic Coast	NEFMC	No	Yes	N/A	Continue Rebuilding	Year 7 of 10-year plan	0.10
Northeast Multispecies	Offshore hake - Northwestern Atlantic Coast	NEFMC	Undefined	No	Unknown	N/A	N/A	not estimated
Northeast Multispecies	Pollock - Gulf of Maine / Georges Bank	NEFMC	No	Rebuilt	No	N/A	Rebuilt	2.15
Northeast Multispecies	Red hake - Gulf of Maine / Northern Georges Bank	NEFMC	Unknown	No	No	N/A	N/A	1.94
Northeast Multispecies	Red hake - Southern Georges Bank / Mid-Atlantic	NEFMC	Undefined	No	Unknown	N/A	N/A	0.83
Northeast Multispecies	Silver hake - Gulf of Maine / Northern Georges Bank	NEFMC	No	No	No	N/A	N/A	0.51
Northeast Multispecies	Silver hake - Southern Georges Bank / Mid-Atlantic	NEFMC	No	No	No	N/A	N/A	0.81

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Northeast Multispecies	White hake - Gulf of Maine / Georges Bank	NEFMC	Yes	Yes	N/A	Reduce Mortality, Continue Rebuilding	Year 7 of 10-year plan	0.35
Northeast Multispecies	Windowpane - Gulf of Maine / Georges Bank	NEFMC	Yes	Yes	N/A	Reduce Mortality, Continue Rebuilding	Year 1 of 7-year plan	0.17
Northeast Multispecies	Windowpane - Southern New England / Mid-Atlantic	NEFMC	Yes	No - Rebuilding	No	Reduce Mortality, Continue Rebuilding	Year 7 of 10-year plan	0.56
Northeast Multispecies	Winter flounder - Georges Bank	NEFMC	Yes	Yes	N/A	Reduce Mortality, Continue Rebuilding	Year 1 of 7-year plan	0.31
Northeast Multispecies	Winter flounder - Gulf of Maine	NEFMC	Unknown ³	Unknown ³	Unknown	N/A	N/A	not estimated
Northeast Multispecies	Winter flounder - Southern New England / Mid-Atlantic	NEFMC	Yes	Yes	N/A	Reduce Mortality, Continue Rebuilding	Year 7 of 10-year plan	0.09
Northeast Multispecies	Witch flounder - Northwestern Atlantic Coast	NEFMC	Yes	Yes	N/A	Reduce Mortality, Continue Rebuilding	Year 1 of 7-year plan	0.30
Northeast Multispecies	Yellowtail flounder - Cape Cod / Gulf of Maine	NEFMC	Yes	Yes	N/A	Reduce Mortality, Continue Rebuilding	Year 7 of 19-year plan	0.25
Northeast Multispecies	Yellowtail flounder - Georges Bank	NEFMC	No	Yes	N/A	Continue Rebuilding	Year 5 of 7-year plan	0.32
Northeast Multispecies	Yellowtail flounder - Southern New England / Mid-Atlantic	NEFMC	Yes	Yes	N/A	Reduce Mortality, Continue Rebuilding	Year 7 of 10-year plan	0.13
Northeast Skate Complex	Barndoor skate - Georges Bank / Southern New England	NEFMC	No	No - Rebuilding	No	Continue Rebuilding	Year 7 of plan ⁴	0.62
Northeast Skate Complex	Clearnose skate - Southern New England / Mid-Atlantic	NEFMC	No	No	No	N/A	N/A	1.35
Northeast Skate Complex	Little skate - Georges Bank / Southern New England	NEFMC	No	No	No	N/A	N/A	0.72
Northeast Skate Complex	Rosette skate - Southern New England / Mid-Atlantic	NEFMC	No	No	No	N/A	N/A	1.08
Northeast Skate Complex	Smooth skate - Gulf of Maine	NEFMC	No	Yes	N/A	Continue Rebuilding	Year 1 of 10-year plan	0.45
Northeast Skate Complex	Thorny skate - Gulf of Maine	NEFMC	No	Yes	N/A	Continue Rebuilding	Year 7 of 25-year plan	0.10
Northeast Skate Complex	Winter skate - Georges Bank / Southern New England	NEFMC	No	No	No	N/A	N/A ⁵	0.93

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Monkfish	Monkfish - Gulf of Maine / Northern Georges Bank	NEFMC / MAFMC	No	No	No	N/A	N/A	1.29
Monkfish	Monkfish - Southern Georges Bank / Mid-Atlantic	NEFMC / MAFMC	No	No	No	N/A	N/A	1.11
Spiny Dogfish	Spiny dogfish - Atlantic Coast	NEFMC / MAFMC	No	No	No	N/A	N/A	1.03
Atlantic Mackerel, Squid and Butterfish	Atlantic mackerel - Gulf of Maine / Cape Hatteras	MAFMC	No ⁶	No ⁶	No	N/A	N/A	3.57
Atlantic Mackerel, Squid and Butterfish	Butterfish - Gulf of Maine / Cape Hatteras	MAFMC	No	Yes ⁷	N/A	Continue Rebuilding	Year 1 of 4-year plan	0.38
Atlantic Mackerel, Squid and Butterfish	Longfin inshore squid - Georges Bank / Cape Hatteras	MAFMC	No	No	No	N/A	N/A	not estimated
Atlantic Mackerel, Squid and Butterfish	Northern shortfin squid - Northwestern Atlantic Coast	MAFMC	No ⁸	Unknown	Unknown	N/A	N/A	not estimated
Atlantic Surfclam and Ocean Quahog	Atlantic surfclam - Mid-Atlantic Coast	MAFMC	No	No	No	N/A	N/A	1.62
Atlantic Surfclam and Ocean Quahog	Ocean quahog - Atlantic Coast	MAFMC	No	No	No	N/A	N/A	1.62
Bluefish	Bluefish - Atlantic Coast	MAFMC	No	No	No	N/A	N/A	1.06
Summer Flounder, Scup and Black Sea Bass	Black sea bass - Mid-Atlantic Coast	MAFMC	No	No	No	N/A	N/A	1.03
Summer Flounder, Scup and Black Sea Bass	Scup - Atlantic Coast	MAFMC	No	No	No	N/A	N/A	2.04
Summer Flounder, Scup and Black Sea Bass	Summer flounder - Mid-Atlantic Coast	MAFMC	No	No - Rebuilding	No	Continue Rebuilding	Year 11 of 13-year plan	0.77
Tilefish	Tilefish - Mid-Atlantic Coast	MAFMC	No	No - Rebuilding ⁹	No	Continue Rebuilding	Year 10 of 10-year plan	1.04
Shrimp Fishery of the South Atlantic Region	Brown rock shrimp - Southern Atlantic Coast	SAFMC	No	No	No	N/A	N/A	not estimated
Shrimp Fishery of the South Atlantic Region	Brown shrimp - Southern Atlantic Coast	SAFMC	No	No	No	N/A	N/A	4.79
Shrimp Fishery of the South Atlantic Region	Pink shrimp - Southern Atlantic Coast	SAFMC	No	Yes ¹⁰	N/A	Not required ¹⁰	N/A	0.64
Shrimp Fishery of the South Atlantic Region	White shrimp - Southern Atlantic Coast	SAFMC	No	No	No	N/A	N/A	5.51

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Snapper-Grouper Fishery of the South Atlantic Region	Black grouper - Southern Atlantic Coast	SAFMC	No	No	No	N/A	N/A	1.4
Snapper-Grouper Fishery of the South Atlantic Region	Black sea bass - Southern Atlantic Coast	SAFMC	Yes	Yes	N/A	Reduce Mortality, Continue Rebuilding	Year 5 of 10-year plan	0.27
Snapper-Grouper Fishery of the South Atlantic Region	Gag - Southern Atlantic Coast	SAFMC	Yes	No	Yes	Reduce Mortality	N/A	0.94
Snapper-Grouper Fishery of the South Atlantic Region	Gray triggerfish - Southern Atlantic Coast	SAFMC	No	Unknown	Unknown	N/A	N/A	not estimated
Snapper-Grouper Fishery of the South Atlantic Region	Greater amberjack - Southern Atlantic Coast	SAFMC	No	No	No	N/A	N/A	1.10
Snapper-Grouper Fishery of the South Atlantic Region	Hogfish - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A	not estimated
Snapper-Grouper Fishery of the South Atlantic Region	Red grouper - Southern Atlantic Coast	SAFMC	Yes	Yes	N/A	Reduce Mortality Develop Rebuilding Plan	Develop rebuilding plan ¹¹	0.79
Snapper-Grouper Fishery of the South Atlantic Region	Red porgy - Southern Atlantic Coast	SAFMC	No	Yes	N/A	Continue Rebuilding	Year 11 of 18-year plan ¹²	0.66
Snapper-Grouper Fishery of the South Atlantic Region	Red snapper - Southern Atlantic Coast	SAFMC	Yes	Yes	N/A	Reduce Mortality, Continue Rebuilding	Year 1 of 35-year plan	0.03
Snapper-Grouper Fishery of the South Atlantic Region	Scamp - Southern Atlantic Coast	SAFMC	No	Unknown	Unknown	N/A	N/A	not estimated
Snapper-Grouper Fishery of the South Atlantic Region	Snowy grouper - Southern Atlantic Coast	SAFMC	Yes	Yes	N/A	Reduce Mortality, Continue Rebuilding	Year 5 of 34-year plan	0.18
Snapper-Grouper Fishery of the South Atlantic Region	Speckled hind - Southern Atlantic Coast	SAFMC	Yes	Unknown	Unknown	Reduce Mortality	N/A	not estimated
Snapper-Grouper Fishery of the South Atlantic Region	Tilefish - Southern Atlantic Coast	SAFMC	Yes	No	No	Reduce Mortality	N/A	0.95
Snapper-Grouper Fishery of the South Atlantic Region	Vermilion snapper - Southern Atlantic Coast	SAFMC	Yes	No	No	Reduce Mortality	N/A	0.86
Snapper-Grouper Fishery of the South Atlantic Region	Warsaw grouper - Southern Atlantic Coast	SAFMC	Yes	Unknown	Unknown	Reduce Mortality	N/A	not estimated
Snapper-Grouper Fishery of the South Atlantic Region	White grunt - Southern Atlantic Coast	SAFMC	No	Unknown	Unknown	N/A	N/A	not estimated
Snapper-Grouper Fishery of the South Atlantic Region	Wreckfish - Southern Atlantic Coast	SAFMC	No	Unknown ¹³	Unknown	N/A	N/A	not estimated

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Coastal Migratory Pelagic Resources of the Gulf of Mexico and South Atlantic	Cobia - Gulf of Mexico	SAFMC / GMFMC	No	No	No	N/A	N/A	1.33
Coastal Migratory Pelagic Resources of the Gulf of Mexico and South Atlantic	King mackerel - Gulf of Mexico	SAFMC / GMFMC	No	No	No	N/A	N/A	1.24
Coastal Migratory Pelagic Resources of the Gulf of Mexico and South Atlantic	King mackerel - Southern Atlantic Coast	SAFMC / GMFMC	No	No	No	N/A	N/A	1.12
Coastal Migratory Pelagic Resources of the Gulf of Mexico and South Atlantic	Little tunny - Gulf of Mexico	SAFMC / GMFMC	No	Undefined	Unknown	N/A	N/A	not estimated
Coastal Migratory Pelagic Resources of the Gulf of Mexico and South Atlantic	Spanish mackerel - Gulf of Mexico	SAFMC / GMFMC	No	No	No	N/A	N/A	1.34
Coastal Migratory Pelagic Resources of the Gulf of Mexico and South Atlantic	Spanish mackerel - Southern Atlantic Coast	SAFMC / GMFMC	No	No ¹⁴	No	N/A	N/A	1.78
Dolphin and Wahoo Fishery of the Atlantic / Coastal Migratory Pelagic Resources of the Gulf of Mexico and South Atlantic	Dolphinfish - Southern Atlantic Coast / Gulf of Mexico	SAFMC / GMFMC	No	No	No	N/A	N/A	1.56
Snapper-Grouper Fishery of the South Atlantic Region / Reef Fish Resources of the Gulf of Mexico	Goliath grouper - Southern Atlantic Coast / Gulf of Mexico	SAFMC / GMFMC	No	Unknown	Unknown	N/A	N/A	not estimated
Snapper-Grouper Fishery of the South Atlantic Region / Reef Fish Resources of the Gulf of Mexico	Yellowtail snapper - Southern Atlantic Coast / Gulf of Mexico	SAFMC / GMFMC	No	No	No	N/A	N/A	1.21
Spiny Lobster in the Gulf of Mexico and South Atlantic	Caribbean spiny lobster - Southern Atlantic Coast / Gulf of Mexico	SAFMC / GMFMC	No	Unknown	Unknown	N/A	N/A	not estimated
Red Drum Fishery of the Gulf of Mexico	Red drum - Gulf of Mexico	GMFMC	No	Undefined	Unknown	N/A	N/A	not estimated

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Reef Fish Resources of the Gulf of Mexico	Black grouper - Gulf of Mexico	GMFMC	No	No	No	N/A	N/A	1.4
Reef Fish Resources of the Gulf of Mexico	Gag - Gulf of Mexico	GMFMC	Yes	Yes	N/A	Reduce Mortality Develop Rebuilding Plan	Develop rebuilding plan ¹⁵	0.40
Reef Fish Resources of the Gulf of Mexico	Gray triggerfish - Gulf of Mexico	GMFMC	Yes	Yes	N/A	Reduce Mortality, Continue Rebuilding	Year 3 of 6-year plan	0.64
Reef Fish Resources of the Gulf of Mexico	Greater amberjack - Gulf of Mexico	GMFMC	Yes	Yes	N/A	Reduce Mortality, Continue Rebuilding	Year 8 of 10-year plan	0.48
Reef Fish Resources of the Gulf of Mexico	Hogfish - Gulf of Mexico	GMFMC	Unknown	Undefined	Unknown	N/A	N/A	not estimated
Reef Fish Resources of the Gulf of Mexico	Nassau grouper - Gulf of Mexico	GMFMC	No ¹⁶	Undefined	Unknown	N/A	N/A	not estimated
Reef Fish Resources of the Gulf of Mexico	Red grouper - Gulf of Mexico	GMFMC	No	No	No	N/A	N/A	0.86
Reef Fish Resources of the Gulf of Mexico	Red snapper - Gulf of Mexico	GMFMC	Yes	Yes	N/A	Reduce Mortality, Continue Rebuilding	Year 10 of 32-year plan	0.18
Reef Fish Resources of the Gulf of Mexico	Snowy grouper - Gulf of Mexico	GMFMC	Unknown	Undefined	Unknown	N/A	N/A	not estimated
Reef Fish Resources of the Gulf of Mexico	Vermilion snapper - Gulf of Mexico	GMFMC	No	No	No	N/A	N/A	1.53
Reef Fish Resources of the Gulf of Mexico	Yellowedge grouper - Gulf of Mexico	GMFMC	Unknown	Undefined	Unknown	N/A	N/A	not estimated
Shrimp Fishery of the Gulf of Mexico	Brown shrimp - Gulf of Mexico	GMFMC	No	No	No	N/A	N/A	4.09
Shrimp Fishery of the Gulf of Mexico	Pink shrimp - Gulf of Mexico	GMFMC	No	No	No	N/A	N/A	15.10
Shrimp Fishery of the Gulf of Mexico	Royal red shrimp - Gulf of Mexico	GMFMC	No	No	No	N/A	N/A	0.58
Shrimp Fishery of the Gulf of Mexico	White shrimp - Gulf of Mexico	GMFMC	No	No	No	N/A	N/A	8.21
Stone Crab Fishery of the Gulf of Mexico	Stone crabs (Menippe spp.) - Gulf of Mexico	GMFMC	No	Undefined	Unknown	N/A	N/A	not estimated
Queen Conch Resources of Puerto Rico and the United States Virgin Islands	Queen conch - Caribbean	CFMC	Yes	Yes	N/A	Reduce Mortality, Continue Rebuilding	Year 6 of 15-year plan	<<1

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Shallow Water Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Caribbean Grouper Unit 1 ¹⁷	CFMC	Yes ¹⁷	Yes	N/A	Reduce Mortality, Continue Rebuilding	Year 6 of 25-year plan	<<1
Shallow Water Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Caribbean Grouper Unit 2 ¹⁸	CFMC	No ¹⁹	Yes	N/A	Continue Rebuilding	Year 6 of 30-year plan	<<1
Shallow Water Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Caribbean Grouper Unit 4 ²⁰	CFMC	Yes	Yes	N/A	Reduce Mortality, Continue Rebuilding	Year 6 of 10-year plan	0.75 (default estimate)
Shallow Water Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Caribbean Snapper Unit 1 ²¹	CFMC	Yes	No	Yes	Reduce Mortality	N/A	0.75 (default estimate)
Shallow Water Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Caribbean Snapper Unit 3 ²²	CFMC	Unknown	Unknown	Unknown	N/A	N/A	not estimated
Shallow Water Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Caribbean Snapper Unit 4 ²³	CFMC	Unknown	Unknown	Unknown	N/A	N/A	not estimated
Spiny Lobster Fishery of Puerto Rico and the U.S. Virgin Islands	Caribbean spiny lobster - Caribbean	CFMC	Unknown	Unknown	Unknown	N/A	N/A	not estimated
Coastal Pelagic Species	Jack mackerel - Pacific Coast	PFMC	No	Undefined	Unknown	N/A	N/A	not estimated
Coastal Pelagic Species	Northern anchovy - Northern Pacific Coast	PFMC	Undefined	Undefined	Unknown	N/A	N/A	not estimated
Coastal Pelagic Species	Northern anchovy - Southern Pacific Coast	PFMC	No	Undefined	Unknown	N/A	N/A	not estimated
Coastal Pelagic Species	Opalescent inshore squid - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A	not estimated
Coastal Pelagic Species	Pacific chub mackerel - Pacific Coast	PFMC	No	No	No	N/A	N/A	5.11
Coastal Pelagic Species	Pacific sardine - Pacific Coast	PFMC	No	No	No	N/A	N/A	6.50
Pacific Coast Groundfish	Arrowtooth flounder - Pacific Coast	PFMC	No ²⁴	No	No	N/A	N/A	1.97
Pacific Coast Groundfish	Bank rockfish - California	PFMC	No ²⁴	No	No	N/A	N/A	0.65-0.78

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Pacific Coast Groundfish	Black rockfish - Northern Pacific Coast	PFMC	No ²⁴	No	No	N/A	N/A	1.38
Pacific Coast Groundfish	Blackgill rockfish - Southern California	PFMC	No ²⁴	No	Unknown	N/A	N/A	1.31
Pacific Coast Groundfish	Blue rockfish - California	PFMC	Unknown	No	No	N/A	N/A	0.75
Pacific Coast Groundfish	Bocaccio - Southern Pacific Coast	PFMC	No ²⁴	No - Rebuilding	No	Continue Rebuilding	Year 11 of 27-year plan	0.70
Pacific Coast Groundfish	Brown rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A	not estimated
Pacific Coast Groundfish	Cabezon - California	PFMC	No ²⁴	No	No	N/A	N/A	1.17
Pacific Coast Groundfish	California scorpionfish - Southern California	PFMC	No ²⁴	No	Unknown	N/A	N/A	2.00
Pacific Coast Groundfish	Canary rockfish - Pacific Coast	PFMC	No ²⁴	Yes	N/A	Continue Rebuilding	Year 10 of 21-year plan ²⁵	0.59
Pacific Coast Groundfish	Chilipepper - Southern Pacific Coast	PFMC	No ²⁴	No	No	N/A	N/A	1.78
Pacific Coast Groundfish	Cowcod - Southern California	PFMC	No ²⁴	Yes	N/A	Continue Rebuilding	Year 10 of 72-year plan ²⁶	0.11
Pacific Coast Groundfish	Darkblotched rockfish - Pacific Coast	PFMC	No ²⁴	No - Rebuilding	No	Continue Rebuilding	Year 9 of 27-year plan ²⁷	0.69
Pacific Coast Groundfish	Dover sole - Pacific Coast	PFMC	No ²⁴	No	No	N/A	N/A	1.58
Pacific Coast Groundfish	English sole - Pacific Coast	PFMC	No ²⁴	No	No	N/A	N/A	2.91
Pacific Coast Groundfish	Gopher rockfish - Northern California	PFMC	No ²⁴	No	Unknown	N/A	N/A	2.42
Pacific Coast Groundfish	Kelp greenling - Oregon	PFMC	Unknown	No	Unknown	N/A	N/A	1.22
Pacific Coast Groundfish	Lingcod - Pacific Coast	PFMC	No ²⁴	No	No	N/A	N/A	1.68
Pacific Coast Groundfish	Longnose skate - Pacific Coast	PFMC	Unknown	No	No	N/A	N/A	1.65
Pacific Coast Groundfish	Longspine thornyhead - Pacific Coast	PFMC	No ²⁴	No	No	N/A	N/A	1.78

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Pacific Coast Groundfish	Pacific cod - Pacific Coast	PFMC	No ²⁴	Unknown	Unknown	N/A	N/A	not estimated
Pacific Coast Groundfish	Pacific grenadier - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A	not estimated
Pacific Coast Groundfish	Pacific hake - Pacific Coast	PFMC	No ²⁴	No	No	N/A	N/A	0.78
Pacific Coast Groundfish	Pacific ocean perch - Pacific Coast	PFMC	No ²⁴	No - Rebuilding	No	Continue Rebuilding	Year 11 of 18-year plan	0.71
Pacific Coast Groundfish	Pacific sanddab - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A	not estimated
Pacific Coast Groundfish	Petrale sole - Pacific Coast	PFMC	No ²⁴	Yes	No	Develop Rebuilding Plan ²⁸	Develop Rebuilding Plan ²⁸	0.46
Pacific Coast Groundfish	Rex sole - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A	not estimated
Pacific Coast Groundfish	Rougheye rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A	not estimated
Pacific Coast Groundfish	Sablefish - Pacific Coast	PFMC	No ²⁴	No	No	N/A	N/A	0.96
Pacific Coast Groundfish	Sand sole - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A	not estimated
Pacific Coast Groundfish	Shortbelly rockfish - Pacific Coast	PFMC	No ²⁴	No	No	N/A	N/A	1.67
Pacific Coast Groundfish	Shortspine thornyhead - Pacific Coast	PFMC	No ²⁴	No	No	N/A	N/A	1.57
Pacific Coast Groundfish	Spiny dogfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A	not estimated
Pacific Coast Groundfish	Splitnose rockfish - Pacific Coast	PFMC	No ²⁴	No	No	N/A	N/A	1.60
Pacific Coast Groundfish	Starry flounder - Pacific Coast	PFMC	No ²⁴	No	Unknown	N/A	N/A	1.24
Pacific Coast Groundfish	Vermilion rockfish - California	PFMC	Unknown	Unknown	Unknown	N/A	N/A	not estimated
Pacific Coast Groundfish	Widow rockfish - Pacific Coast	PFMC	No ²⁴	No - Rebuilding	No	Continue Rebuilding	Year 9 of 14-year plan	0.96
Pacific Coast Groundfish	Yelloweye rockfish - Pacific Coast	PFMC	No ²⁴	Yes	N/A	Continue Rebuilding	Year 8 of 82-year plan	0.51
Pacific Coast Groundfish	Yellowtail rockfish - Northern Pacific Coast	PFMC	No ²⁴	No	No	N/A	N/A	1.36

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U.S. West Coast Fisheries for Highly Migratory Species	Skipjack tuna - Eastern Tropical Pacific ²⁹	PFMC	No	No	No	N/A	N/A	>1
U.S. West Coast Fisheries for Highly Migratory Species	Striped marlin - Eastern Tropical Pacific ³⁰	PFMC	No	No	No	N/A	N/A	>1
U.S. West Coast Fisheries for Highly Migratory Species	Yellowfin tuna - Eastern Tropical Pacific ³¹	PFMC	Yes	No	No	Reduce Mortality	N/A	1.27
U.S. West Coast Fisheries for Highly Migratory Species / Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Albacore tuna - North Pacific	PFMC / WPFMC	Unknown ³²	Unknown ³²	Unknown	N/A	N/A	not estimated
U.S. West Coast Fisheries for Highly Migratory Species / Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Bigeye tuna - Pacific ³³	PFMC / WPFMC	Yes	No	No	Reduce Mortality	N/A	0.99 - ETP stock 1.34 - CWP stock ³³
U.S. West Coast Fisheries for Highly Migratory Species / Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Blue shark - Pacific	PFMC / WPFMC	No	No	No	N/A	N/A	1.11
U.S. West Coast Fisheries for Highly Migratory Species / Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Dolphinfish - Pacific	PFMC / WPFMC	Unknown	Unknown	Unknown	N/A	N/A	not estimated
U.S. West Coast Fisheries for Highly Migratory Species / Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Pacific bluefin tuna - Pacific	PFMC / WPFMC	Yes	No	No	Reduce Mortality	N/A	0.88
U.S. West Coast Fisheries for Highly Migratory Species / Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Swordfish - North Pacific	PFMC / WPFMC	No	No	No	N/A	N/A	1.75

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FMP	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)	Overfished? (Is Biomass below Threshold?)	Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress	B/Bmsy or B/Bmsy proxy
Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Albacore - South Pacific	WPFMC	No	No	No	N/A	N/A	1.69
Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Indo-Pacific Blue marlin - Pacific	WPFMC	No	No	No	N/A	N/A	1.40
Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Kawakawa - Tropical Pacific	WPFMC	Unknown	Unknown	Unknown	N/A	N/A	not estimated
Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Opah - Pacific	WPFMC	Unknown	Unknown	Unknown	N/A	N/A	not estimated
Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Shortbill spearfish - Pacific	WPFMC	Unknown	Unknown	Unknown	N/A	N/A	not estimated
Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Skipjack tuna - Central Western Pacific ²⁹	WPFMC	No	No	No	N/A	N/A	2.41
Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Striped marlin - Central Western Pacific ³⁰	WPFMC	Unknown	Unknown	Unknown	N/A	N/A	not estimated
Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Wahoo - Pacific	WPFMC	Unknown	Unknown	Unknown	N/A	N/A	not estimated
Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Yellowfin tuna - Central Western Pacific ³¹	WPFMC	No	No	No	N/A	N/A	1.57
American Samoa Archipelago Ecosystem	American Samoa Bottomfish Multi-species Complex ³⁴	WPFMC	No	No	No	N/A	N/A	1.75
Hawaii Archipelago Ecosystem	Bigeye scad - Hawaii Archipelago	WPFMC	Unknown	Unknown	Unknown	N/A	N/A	not estimated
Hawaii Archipelago Ecosystem	Hancock Seamount Groundfish Complex ³⁵	WPFMC	Unknown	Yes* ³⁵	N/A	Continue Rebuilding	Year 10 of plan ³⁵	not estimated
Hawaii Archipelago Ecosystem	Hawaiian Archipelago Bottomfish Multi-species Complex ³⁴	WPFMC	No	No	Unknown	N/A	N/A	1.13

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FMP	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)	Overfished? (Is Biomass below Threshold?)	Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress	B/Bmsy or B/Bmsy proxy
Hawaii Archipelago Ecosystem	Hawaiian Archipelago Coral Reef Ecosystem Multi-species Complex ³⁶	WPFMC	Unknown	Unknown	Unknown	N/A	N/A	not estimated
Hawaii Archipelago Ecosystem	Mackerel scad - Hawaii Archipelago	WPFMC	Unknown	Unknown	Unknown	N/A	N/A	not estimated
Mariana Archipelago Ecosystem	Guam Bottomfish Multi-species Complex ³⁴	WPFMC	No	No	No	N/A	N/A	1.56
Bering Sea/Aleutian Islands King and Tanner Crabs	Blue king crab - Pribilof Islands	NPFMC	No ³⁷	Yes	N/A	Continue Rebuilding	Year 7 of 10-year plan	0.07
Bering Sea/Aleutian Islands King and Tanner Crabs	Blue king crab - Saint Matthews Island	NPFMC	No ³⁷	No	No	N/A	N/A	2.23
Bering Sea/Aleutian Islands King and Tanner Crabs	Golden king crab - Aleutian Islands	NPFMC	No	Undefined	Unknown	N/A	N/A	not estimated
Bering Sea/Aleutian Islands King and Tanner Crabs	Red king crab - Bristol Bay	NPFMC	No	No	No	N/A	N/A	1.33
Bering Sea/Aleutian Islands King and Tanner Crabs	Red king crab - Norton Sound	NPFMC	No	No	No	N/A	N/A	1.74
Bering Sea/Aleutian Islands King and Tanner Crabs	Red king crab - Pribilof Islands	NPFMC	No ³⁷	No	N/A	N/A	N/A	0.65
Bering Sea/Aleutian Islands King and Tanner Crabs	Red king crab - Western Aleutian Islands	NPFMC	No	Undefined	Unknown	N/A	N/A	not estimated
Bering Sea/Aleutian Islands King and Tanner Crabs	Snow crab - Bering Sea	NPFMC	No	No - Rebuilding	No	Continue Rebuilding	Year 11 of 10-year plan	0.77
Bering Sea/Aleutian Islands King and Tanner Crabs	Southern Tanner crab - Bering Sea	NPFMC	No	Yes	N/A	Develop Rebuilding Plan ³⁸	Develop Rebuilding Plan ³⁸	0.31
Groundfish of the Bering Sea and Aleutian Islands Management Area	Alaska plaice - Bering Sea / Aleutian Islands	NPFMC	No	No	No	N/A	N/A	1.93
Groundfish of the Bering Sea and Aleutian Islands Management Area	Atka mackerel - Bering Sea / Aleutian Islands	NPFMC	No	No	No	N/A	N/A	1.60
Groundfish of the Bering Sea and Aleutian Islands Management Area	Arrowtooth Flounder - Bering Sea / Aleutian Islands	NPFMC	No	No	No	N/A	N/A	3.16

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FMP	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)	Overfished? (Is Biomass below Threshold?)	Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress	B/Bmsy or B/Bmsy proxy
Groundfish of the Bering Sea and Aleutian Islands Management Area	Bering Sea / Aleutian Islands Blackspotted and Rougheye Rockfish Complex ³⁹	NPFMC	No	No	No	N/A	N/A	0.90
Groundfish of the Bering Sea and Aleutian Islands Management Area	Bering Sea / Aleutian Islands Flathead Sole Complex ⁴⁰	NPFMC	No	No	No	N/A	N/A	2.05
Groundfish of the Bering Sea and Aleutian Islands Management Area	Bering Sea / Aleutian Islands Rock Sole Complex ⁴¹	NPFMC	No	No	No	N/A	N/A	2.06
Groundfish of the Bering Sea and Aleutian Islands Management Area	Greenland halibut - Bering Sea / Aleutian Islands	NPFMC	No	No	No	N/A	N/A	2.26
Groundfish of the Bering Sea and Aleutian Islands Management Area	Northern rockfish - Bering Sea / Aleutian Islands	NPFMC	No	No	No	N/A	N/A	1.63
Groundfish of the Bering Sea and Aleutian Islands Management Area	Pacific cod - Bering Sea / Aleutian Islands	NPFMC	No	No	No	N/A	N/A	0.91
Groundfish of the Bering Sea and Aleutian Islands Management Area	Pacific ocean perch - Bering Sea / Aleutian Islands	NPFMC	No	No	No	N/A	N/A	1.66
Groundfish of the Bering Sea and Aleutian Islands Management Area	Walleye pollock - Aleutian Islands	NPFMC	No	No	No	N/A	N/A	0.84
Groundfish of the Bering Sea and Aleutian Islands Management Area	Walleye pollock - Eastern Bering Sea	NPFMC	No	No	No	N/A	N/A	0.62
Groundfish of the Bering Sea and Aleutian Islands Management Area	Yellowfin sole - Bering Sea / Aleutian Islands	NPFMC	No	No	No	N/A	N/A	1.75
Groundfish of the Bering Sea and Aleutian Islands Management Area / Groundfish of the Gulf of Alaska	Sablefish - Eastern Bering Sea / Aleutian Islands / Gulf of Alaska ⁴²	NPFMC	No	No	No	N/A	N/A	1.10

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FMP	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)	Overfished? (Is Biomass below Threshold?)	Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress	B/Bmsy or B/Bmsy proxy
Groundfish of the Gulf of Alaska	Arrowtooth flounder - Gulf of Alaska	NPFMC	No	No	No	N/A	N/A	2.99
Groundfish of the Gulf of Alaska	Flathead sole - Gulf of Alaska	NPFMC	No	No	No	N/A	N/A	2.82
Groundfish of the Gulf of Alaska	Gulf of Alaska Blackspotted and Rougheye Rockfish Complex ³⁹	NPFMC	No	No	No	N/A	N/A	1.53
Groundfish of the Gulf of Alaska	Gulf of Alaska Deepwater Flatfish Complex ⁴³	NPFMC	No	No	No	N/A	N/A	2.58
Groundfish of the Gulf of Alaska	Gulf of Alaska Demersal Shelf Rockfish Complex ⁴⁴	NPFMC	No	Undefined	Unknown	N/A	N/A	not estimated
Groundfish of the Gulf of Alaska	Gulf of Alaska Pelagic Shelf Rockfish Complex ⁴⁵	NPFMC	No	No	No	N/A	N/A	1.54
Groundfish of the Gulf of Alaska	Gulf of Alaska Thornyhead Rockfish Complex ⁴⁶	NPFMC	No	Undefined	Unknown	N/A	N/A	not estimated
Groundfish of the Gulf of Alaska	Northern rockfish - Western / Central Gulf of Alaska	NPFMC	No	No	No	N/A	N/A	1.62
Groundfish of the Gulf of Alaska	Pacific cod - Gulf of Alaska	NPFMC	No	No	No	N/A	N/A	1.37
Groundfish of the Gulf of Alaska	Pacific ocean perch - Gulf of Alaska	NPFMC	No	No	No	N/A	N/A	1.35
Groundfish of the Gulf of Alaska	Rex sole - Gulf of Alaska	NPFMC	No	No	No	N/A	N/A	2.69
Groundfish of the Gulf of Alaska	Walleye pollock - Western / Central Gulf of Alaska	NPFMC	No	No	No	N/A	N/A	0.82
Consolidated Atlantic Highly Migratory Species	Albacore - North Atlantic	HMS	Yes	Yes	N/A	Reduce Mortality, Continue Rebuilding	Year 4 of plan	0.62
Consolidated Atlantic Highly Migratory Species	Atlantic Large Coastal Shark Complex ⁴⁷	HMS	Unknown	Unknown	Unknown	N/A	N/A	not estimated
Consolidated Atlantic Highly Migratory Species	Atlantic sharpnose shark - Atlantic ⁴⁸	HMS	No	No	No	N/A	N/A	1.35
Consolidated Atlantic Highly Migratory Species	Atlantic Small Coastal Shark Complex ⁴⁹	HMS	No	No	No	N/A	N/A	1.69
Consolidated Atlantic Highly Migratory Species	Bigeye tuna - Atlantic	HMS	No	No - Rebuilding	No	Continue Rebuilding	Year 12 of plan ⁵⁰	0.92

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FMP	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)	Overfished? (Is Biomass below Threshold?)	Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress	B/Bmsy or B/Bmsy proxy
Consolidated Atlantic Highly Migratory Species	Blacknose shark - Atlantic ⁴⁸	HMS	Yes	Yes	N/A	Reduce Mortality, Continue Rebuilding	Year 1 of 18-year plan	0.48
Consolidated Atlantic Highly Migratory Species	Blacktip shark - Gulf of Mexico ⁵¹	HMS	No	No	No	N/A	N/A	2.56
Consolidated Atlantic Highly Migratory Species	Blacktip shark - South Atlantic ⁵¹	HMS	Unknown	Unknown	Unknown	N/A	N/A	not estimated
Consolidated Atlantic Highly Migratory Species	Blue marlin - North Atlantic	HMS	Yes	Yes	N/A	Reduce Mortality, Continue Rebuilding	Year 10 of plan ⁵²	not estimated
Consolidated Atlantic Highly Migratory Species	Blue shark - Atlantic ⁵³	HMS	No	No	No	N/A	N/A	1.87-2.74
Consolidated Atlantic Highly Migratory Species	Bluefin tuna - Western Atlantic	HMS	Yes	Yes	N/A	Reduce Mortality, Continue Rebuilding	Year 12 of 19-year plan	0.57 (0.46-0.70) LRS 0.14 (0.08-0.21) HRS
Consolidated Atlantic Highly Migratory Species	Bonnethead - Atlantic ⁴⁸	HMS	No	No	No	N/A	N/A	0.83
Consolidated Atlantic Highly Migratory Species	Dusky shark - Atlantic	HMS	Yes	Yes	N/A	Reduce Mortality, Rebuilding Program	year 3 of 100 to 400-year plan ⁵⁴	0.22
Consolidated Atlantic Highly Migratory Species	Finetooth shark - Atlantic ⁴⁸	HMS	No	No	No	N/A	N/A	1.80
Consolidated Atlantic Highly Migratory Species	Porbeagle - Atlantic ⁵³	HMS	No	Yes	N/A	Continue Rebuilding	year 3 of 100-year plan ⁵⁵	0.15-0.32
Consolidated Atlantic Highly Migratory Species	Sailfish - Western Atlantic	HMS	Yes	No - Rebuilding	N/A	Reduce Mortality, Continue Rebuilding	Year 12 of plan ⁵⁶	> 75%Bmsy
Consolidated Atlantic Highly Migratory Species	Sandbar shark - Atlantic ⁵¹	HMS	Yes	Yes	N/A	Reduce Mortality, Continue Rebuilding	Year 3 of 66-year plan	0.72
Consolidated Atlantic Highly Migratory Species	Shortfin mako - Atlantic ⁵³	HMS	Yes	No	Yes	Reduce Mortality	N/A	0.48-3.77
Consolidated Atlantic Highly Migratory Species	Swordfish - North Atlantic	HMS	No	No	N/A	N/A	N/A	1.05
Consolidated Atlantic Highly Migratory Species	White marlin - North Atlantic	HMS	Yes	Yes	N/A	Reduce Mortality, Continue Rebuilding	Year 10 of plan ⁵²	not estimated
Consolidated Atlantic Highly Migratory Species	Yellowfin tuna - Western Atlantic	HMS	No	No	Yes	N/A	N/A	0.96

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*The overfished definition for this stock is pre-SFA.

1. Although this stock is currently listed as not subject to overfishing and not overfished, the most recent stock assessment conducted for Atlantic herring (2010) could not determine the overfishing or overfished status. Stock status is based on a stock assessment conducted in 2009 (TRAC).
2. Although the red crab stock is currently listed as not subject to overfishing and unknown for overfished, the most recent assessment (2006) could not provide conclusions about overfishing and overfished status. The status of this stock is based on an earlier assessment and status will remain unchanged in this report until the stock is assessed again.
3. Due to the large degree of uncertainty in the GARM III assessment, the status of winter flounder - Gulf of Maine has been changed to unknown. However, it is likely that the stock is overfished and overfishing is occurring, based on calculated reference points.
4. 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. Last year, this stock was listed as being in year 7 of the rebuilding plan, when in fact, it was in year 6.
5. Winter skate was listed as overfished in 2007, but subsequently the biomass increased before a rebuilding plan was implemented and the stock is no longer overfished. It has now been determined that this stock does not require a rebuilding plan and the stock is now at 93% Bmsy, so it is considered as being sustainably managed.
6. Although this stock is currently listed as not subject to overfishing and not overfished, the most recent stock assessment conducted for Atlantic mackerel (2010) could not determine the overfishing or overfished status. Stock status is based on the assessment conducted in 2005.
7. Although the butterfish stock is listed as overfished, the most recent assessment (2009) was unable to provide conclusions about overfished status. Though the butterfish population appears to be declining over time, the underlying causes for population decline are unknown. Despite considerable uncertainty in the recent assessment, no evidence suggests the status of the butterfish stock has improved since the previous assessment (2003). The status of the butterfish stock will remain as overfished in this report until biological reference points can be determined in a future assessment.
8. Although the *Illex* stock is currently listed as not subject to overfishing, the most recent stock assessment (2006) was not able to precisely determine current exploitation rates or stock biomass. Nevertheless, the overfishing status of this stock remains unchanged, based on the results of an earlier assessment (2003).
9. Although the most recent $B/Bmsy = 1.04$, this stock has not been declared rebuilt. SARC 48 (2009) notes the following: *The biomass estimates for recent years from the ASPIC model are likely over-optimistic because trends in commercial VTR CPUE declined recently in a manner consistent with the passage of the strong 1999 cohort through the population (an interpretation further supported by the length frequency data). The current assessment model (ASPIC) does not account for those factors. Much of the confidence interval around the 2008 biomass estimate falls below the updated BMSY listed above. Based on these considerations there is no convincing evidence that the stock has rebuilt to levels above BTARGET.* The rebuilt status will be re-evaluated when the stock is assessed next.
10. The Shrimp Review Advisory Panel concluded that the apparent decline in pink shrimp abundance does not appear to be due to overfishing. Based on both the SEAMAP data, and the effort and landings data from the North Carolina and eastern Florida pink shrimp fishery, the Shrimp Review Panel recommended that no management actions are necessary at this time. The Shrimp Review Panel concludes that the pink shrimp stocks in some areas along the Southeast coast are depleted due to factors other than fishing such as environmental and climatic factors. Since shrimp are essentially an "annual crop", it would not be appropriate to develop a rebuilding plan for this stock.
11. The South Atlantic Fishery Management Council (SAFMC) was notified by the Southeast Regional Office on June 9, 2010 that this stock is overfished. The SAFMC has 2 years from this date to implement a rebuilding plan for red grouper.
12. This stock was previously listed as being in a 16-year rebuilding plan, when in fact, it was in an 18-year rebuilding plan.
13. Although the overfished determination is not known, landings are at extremely low levels and there are only two participants in the fishery.
14. The most recent Spanish mackerel assessment (2008) concluded the species was not subject to overfishing but overfished status was unknown. The most recent known determination of not overfished is based on the 2003 stock assessment.
15. The Southeast Regional Office notified the Gulf of Mexico Fishery Management Council (GMFMC) on August 11, 2009 that this stock is overfished. The GMFMC has two years from this date to implement a rebuilding plan for gag - Gulf of Mexico.
16. Fishery in the EEZ and state waters is closed; therefore, fishing mortality is very low.
17. This unit (Grouper Unit 1) is part of the Caribbean Reef Fish FMU and is composed of Nassau grouper. The fishery in the EEZ is closed. The fishery is now closed in the territorial waters of the USVI and Puerto Rico, therefore fishing mortality is very low. The overfishing status is pending review, based on this closure.
18. This unit (Grouper Unit 2) is part of the Caribbean Reef Fish FMU and is composed of Goliath grouper.

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19. Fishery in the EEZ and territorial waters of the USVI is closed; therefore, fishing mortality is very low.
 20. 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. A stock assessment was attempted on yellowfin grouper in 2007 through SEDAR 14. Data were not adequate to assess the species. The Council's SSC will review the assessment in 2008.
 21. 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.
 22. 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. A stock assessment was attempted on mutton snapper in 2007 through SEDAR 14. Data were not adequate to assess the species. The Council's SSC will review the assessment in 2008.
 23. This unit (Snapper Unit 4) is part of the Caribbean Reef Fish FMU and is composed of yellowtail snapper.
 24. Evaluation of overfishing based on the 2009 calendar year.
 25. The rebuilding target for canary rockfish has been revised from a 63-year plan to a 21-year rebuilding plan, based on a recalculation of T_{max} . This recalculation of T_{max} is primarily due to information that indicates that the stock is not as depleted as was previously estimated.
 26. The rebuilding target for cowcod has been revised from a 39-year plan to a 72-year rebuilding plan, based on a recalculation of T_{max} . The recalculation of T_{max} was due to the combined effects of changes to the base model's structure (correction and revision of gear selectivity curves, separation of recreational and commercial fisheries, increased steepness) and revisions to data used in the assessment (commercial landings, length-at-age data).
 27. The rebuilding target for darkblotched rockfish has been formally revised from a 10-year plan to a 27-year rebuilding plan, based on a recalculation of T_{max} . This recalculation of T_{max} was primarily due to previous estimates of stock productivity, which were considerably higher than current estimates of stock productivity.
 28. Petrale sole was declared overfished on February 9, 2010. The Pacific Fishery Management Council has 2 years to implement a rebuilding plan for this stock.
 29. Even though this stock is shown to be under the jurisdiction of a single Council and under the management of a single FMP, it is acknowledged that both the Pacific Fishery Management Council and the Western Pacific Fishery Management Council have jurisdiction over this stock, and it is managed under both the West Coast Highly Migratory Species FMP and the Western Pacific Pelagics FMP. The Council indicated here is the lead Council for the purposes of this report.
 30. Even though this stock is shown to be under the jurisdiction of a single Council and under the management of a single FMP, it is acknowledged that both the Pacific Fishery Management Council and the Western Pacific Fishery Management Council have jurisdiction over this stock, and it is managed under both the West Coast Highly Migratory Species FMP and the Western Pacific Pelagics FMP. The Council indicated here is the lead Council for the purposes of this report. An assessment was conducted on the North Pacific striped marlin stock (ISC 2007, Report of 7th meeting of the ISC) and concluded that CPUE and other indicator trends have significantly declined from historical highs at the beginning of the fisheries to 2006. Although there is uncertainty associated with this assessment owing to data limitations, the results suggest that the stock in the North Pacific Ocean is experiencing intense exploitation.
- The responsible RFMO (IATTC and WCPFC) are scheduled to address this issue and provide justification for change in status. The previous status of not subject to overfishing and overfished will remain until/if the results of the ISC report are accepted.
31. The yellowfin tuna resource is managed by both the Pacific Fishery Management Council and the Western Pacific Fishery Management Council. The PFMC manages the EPO stock under the West Coast Highly Migratory Species FMP and the WPFMC manages the WCPO stock under the Western Pacific Pelagics FMP. The determination of overfishing of the stock in the Eastern Pacific Ocean is based on the latest (2009) estimate of $F_{current}/F_{msy}=0.91$. This estimate is provided by research by the Inter-American Tropical Tuna Commission indicating that the probability of $F_{current}$ being greater than F_{msy} is high.
 32. The status of Albacore - North Pacific is based on a suite of FMSY proxies ($F_{40\%}$, $F_{30\%}$ and $F_{0.1}$), 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/F_{MSY} 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/B_{MSY} 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).

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33. 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 on the areas of authority and interest of the regional fishery management organizations, particularly the Inter-American Tropical Tuna Commission in the EP and the Western and Central Pacific Fisheries Commission in the CWP and assumed population structure of bigeye tuna in the Pacific (which is not well known). The Southwest Region requested that an additional point not be added to the FSSI score for this stocks, despite the fact that B/Bmsy is greater than 0.8 for the following reasons: 1) uncertainty of the population structure of bigeye tuna in the Pacific; 2) continued overfishing; and 3) lack of international cooperation.
34. 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. Assessments are made for unique multi-species stock complexes, one complex for each of the Hawaiian Archipelago, American Samoa, Northern Mariana Islands and Guam.
35. This stock complex uses pelagic armorhead as the indicator species of a three-species seamount groundfish complex that includes raftfish and alfonsin. 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. 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. Effective Dec 2010, fishing for bottomfish and seamount groundfish at the Hancock Seamounts is prohibited until the stock is rebuilt - these measures are considered as a de facto rebuilding plan. The area around the Hancock Seamounts is classified
36. This complex contains up to 146 "currently harvested coral reef taxa" and innumerable "potentially harvested coral reef taxa."
37. Fishery in the EEZ is closed; therefore, fishing mortality is very low.
38. The North Pacific Fishery Management Council was notified by the Alaska Regional Office on October 1, 2010 that this stock is overfished. The NPFMC has 2 years from this date to implement a rebuilding plan for Southern Tanner crab - Bering Sea.
39. Blackspotted and Rougheye Rockfish consists of Blackspotted Rockfish and Rougheye Rockfish. An assessment of the combined species provides the overfished determination, and the OFL is based on the combined-species assessment.
40. 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.
41. 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.
42. 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.
43. 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.
44. 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.
45. 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.
46. 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.
47. In addition to Sandbar Shark, Gulf of Mexico Blacktip Shark, and Atlantic Blacktip Shark (which are assessed individually), 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 Bignose Shark, Galapagos Shark, Night Shark, Caribbean Reef Shark, Narrowtooth Shark, Sand Tiger Shark, Bigeye Sand Tiger Shark, Whale Shark, Basking Shark, White
48. This stock is part of the Small Coastal Shark Complex, but is assessed separately.
49. In addition to Finetooth Shark, Atlantic Sharpnose Shark, Blacknose Shark, and Bonnethead Shark (which are assessed individually), 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.

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50. For the overfished Atlantic bigeye tuna, the 1999 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. The SCRS conducted an assessment of bigeye tuna in 2007.

51. This stock is part of the Large Coastal Shark Complex, but is assessed separately.

52. 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 on 6/1/2001, 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 assessments of blue and white marlin in 2006.

53. This stock is part of the Pelagic Shark Complex, but is assessed separately.

54. The first species-specific dusky shark assessment occurred in 2006 and indicates that dusky shark stocks have been depleted 62-80 percent with respect to virgin biomass. Assessment scientists recommend that the rebuilding timeframe for dusky sharks could last anywhere from 100 to 400 years.

55. According to the 2005 recovery assessment report conducted by Canada, the North Atlantic porbeagle stock has a 70 percent probability of recovery in approximately 100 years if F is less than or equal to 0.04. There is no U.S. domestic rebuilding plan in place for this species. A rebuilding plan will be implemented in an upcoming Amendment estimated to be finalized in 2008. Until this new Amendment is in place, porbeagle sharks will be managed according to the 1999 HMS FMP.

56. 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.

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

FMP	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)	Overfished? (Is Biomass below Threshold?)	Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress
Atlantic Salmon	Atlantic salmon - Gulf of Maine	NEFMC	No ¹	Yes	N/A	Rebuild - ESA listed	not required ¹
Northeast Multispecies	Atlantic wolffish - Gulf of Maine / Georges Bank	NEFMC	Unknown	Yes	N/A	Continue Rebuilding	Year 1 of Plan ²
Coral, Coral Reefs and Live/Hard Bottom Habitats of the South Atlantic Region	Black corals (Antipatharia) - Southern Atlantic Coast	SAFMC	No* ³	Undefined	Unknown	N/A	N/A
Coral, Coral Reefs and Live/Hard Bottom Habitats of the South Atlantic Region	Fire corals (Milleporidae) - Southern Atlantic Coast	SAFMC	No* ³	Undefined	Unknown	N/A	N/A
Coral, Coral Reefs and Live/Hard Bottom Habitats of the South Atlantic Region	Hydrocorals (Stylasteridae) - Southern Atlantic Coast	SAFMC	No* ³	Undefined	Unknown	N/A	N/A
Coral, Coral Reefs and Live/Hard Bottom Habitats of the South Atlantic Region	Soft corals (Octocorallia) - Southern Atlantic Coast	SAFMC	No* ³	Undefined	Unknown	N/A	N/A
Coral, Coral Reefs and Live/Hard Bottom Habitats of the South Atlantic Region	Stony corals (Scleractinia) - Southern Atlantic Coast	SAFMC	No* ³	Undefined	Unknown	N/A	N/A
Golden Crab Fishery of the South Atlantic Region	Golden deepsea crab - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Golden Crab Fishery of the South Atlantic Region	Jonah crab - Southern Atlantic Coast	SAFMC	Undefined	Undefined	Unknown	N/A	N/A
Golden Crab Fishery of the South Atlantic Region	Red deepsea crab - Southern Atlantic Coast	SAFMC	Undefined	Undefined	Unknown	N/A	N/A
Pelagic Sargassum Habitat of the South Atlantic Region	Sargassum - Southern Atlantic Coast	SAFMC	No ⁴	No ⁴	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Almaco jack - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Atlantic spadefish - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Banded rudderfish - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Bank sea bass - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A

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FMP	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)	Overfished? (Is Biomass below Threshold?)	Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress
Snapper-Grouper Fishery of the South Atlantic Region	Bar jack - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Black margate - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Black snapper - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Blackfin snapper - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Blue runner - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Blueline tilefish - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Bluestriped grunt - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Coney - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Cottonwick - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Crevalle jack - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Cubera snapper - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Dog snapper - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	French grunt - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Grass porgy - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Gray snapper - Southern Atlantic Coast	SAFMC	No	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Graysby - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Jolthead porgy - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Knobbed porgy - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Lane snapper - Southern Atlantic Coast	SAFMC	No	Unknown	Unknown	N/A	N/A

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FMP	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)	Overfished? (Is Biomass below Threshold?)	Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress
Snapper-Grouper Fishery of the South Atlantic Region	Lesser amberjack - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Longspine porgy - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Mahogany snapper - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Margate - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Misty grouper - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Nassau grouper - Southern Atlantic Coast	SAFMC	No ³	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Ocean triggerfish - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Porkfish - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Puddingwife - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Queen snapper - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Queen triggerfish - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Red hind - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Rock hind - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Rock sea bass - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Sailors choice - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Sand tilefish - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Saucereye porgy - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Schoolmaster - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Scup - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A

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FMP	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)	Overfished? (Is Biomass below Threshold?)	Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress
Snapper-Grouper Fishery of the South Atlantic Region	Sheepshead - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Silk snapper - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Smallmouth grunt - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Spanish grunt - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Tiger grouper - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Tomtate - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Whitebone porgy - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Yellow jack - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Yellowedge grouper - Southern Atlantic Coast	SAFMC	No	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Yellowfin grouper - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Yellowmouth grouper - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Dolphin and Wahoo Fishery of the Atlantic	Wahoo - Southern Atlantic Coast	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Coastal Migratory Pelagic Resources of the Gulf of Mexico and South Atlantic	Cero - Southern Atlantic Coast / Gulf of Mexico	SAFMC / GMFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region / Reef Fish Resources of the Gulf of Mexico	Mutton snapper - Southern Atlantic Coast / Gulf of Mexico	SAFMC / GMFMC	No	No	No	N/A	N/A
Spiny Lobster in the Gulf of Mexico and South Atlantic	Ridged slipper lobster - Gulf of Mexico	SAFMC / GMFMC	Undefined	Undefined	Unknown	N/A	N/A
Coastal Migratory Pelagic Resources of the Gulf of Mexico and South Atlantic	Bluefish - Gulf of Mexico	GMFMC	Unknown	Unknown	Unknown	N/A	N/A
Coral and Coral Reefs of the Gulf of Mexico	Black corals (Antipatharia) - Gulf of Mexico	GMFMC	No* ³	Undefined	Unknown	N/A	N/A

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FMP	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)	Overfished? (Is Biomass below Threshold?)	Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress
Coral and Coral Reefs of the Gulf of Mexico	Fire corals (Milleporidae) - Gulf of Mexico	GMFMC	No* ³	Undefined	Unknown	N/A	N/A
Coral and Coral Reefs of the Gulf of Mexico	Hydrocorals (Stylasteridae) - Gulf of Mexico	GMFMC	No* ³	Undefined	Unknown	N/A	N/A
Coral and Coral Reefs of the Gulf of Mexico	Soft corals (Octocorallia) - Gulf of Mexico	GMFMC	No* ³	Undefined	Unknown	N/A	N/A
Coral and Coral Reefs of the Gulf of Mexico	Stony corals (Scleractinia) - Gulf of Mexico	GMFMC	No* ³	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Almaco jack - Gulf of Mexico	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Anchor tilefish - Gulf of Mexico	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Banded rudderfish - Gulf of Mexico	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Blackfin snapper - Gulf of Mexico	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Blackline tilefish - Gulf of Mexico	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Blueline tilefish - Gulf of Mexico	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Cubera snapper - Gulf of Mexico	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Dog snapper - Gulf of Mexico	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Dwarf sand perch - Gulf of Mexico	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Goldface tilefish - Gulf of Mexico	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Gray snapper - Gulf of Mexico	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Lane snapper - Gulf of Mexico	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Lesser amberjack - Gulf of Mexico	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Mahogany snapper - Gulf of Mexico	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Misty grouper - Gulf of Mexico	GMFMC	Unknown	Undefined	Unknown	N/A	N/A

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FMP	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)	Overfished? (Is Biomass below Threshold?)	Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress
Reef Fish Resources of the Gulf of Mexico	Queen snapper - Gulf of Mexico	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Red hind - Gulf of Mexico	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Rock hind - Gulf of Mexico	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Sand perch - Gulf of Mexico	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Scamp - Gulf of Mexico	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Schoolmaster - Gulf of Mexico	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Silk snapper - Gulf of Mexico	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Speckled hind - Gulf of Mexico	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Tilefish - Gulf of Mexico	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Warsaw grouper - Gulf of Mexico	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Wenchman - Gulf of Mexico	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Yellowfin grouper - Gulf of Mexico	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Yellowmouth grouper - Gulf of Mexico	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Shrimp Fishery of the Gulf of Mexico	Brown rock shrimp - Gulf of Mexico	GMFMC	No*	No	No	N/A	N/A
Shrimp Fishery of the Gulf of Mexico	Seabob - Gulf of Mexico	GMFMC	Undefined	Undefined	Unknown	N/A	N/A
Shallow Water Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Caribbean Angelfishes Complex ⁵	CFMC	Unknown	Unknown	Unknown	N/A	N/A
Shallow Water Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Caribbean Boxfishes Complex ⁶	CFMC	Unknown	Unknown	Unknown	N/A	N/A

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FMP	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)	Overfished? (Is Biomass below Threshold?)	Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress
Shallow Water Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Caribbean Goatfishes Complex ⁷	CFMC	Unknown	Unknown	Unknown	N/A	N/A
Shallow Water Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Caribbean Grouper Unit 3 ⁸	CFMC	Unknown	Unknown	Unknown	N/A	N/A
Shallow Water Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Caribbean Grunts Complex ⁹	CFMC	Unknown	Unknown	Unknown	N/A	N/A
Shallow Water Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Caribbean Jacks Complex ¹⁰	CFMC	Unknown	Unknown	Unknown	N/A	N/A
Shallow Water Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Caribbean Parrotfishes Complex ¹¹	CFMC	Yes	No	Yes	Reduce Mortality	N/A
Shallow Water Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Caribbean Porgies Complex ¹²	CFMC	Unknown	Unknown	Unknown	N/A	N/A
Shallow Water Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Caribbean Snapper Unit 2 ¹³	CFMC	Unknown	Unknown	Unknown	N/A	N/A
Shallow Water Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Caribbean Squirrelfishes Complex ¹⁴	CFMC	Unknown	Unknown	Unknown	N/A	N/A
Shallow Water Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Caribbean Surgeonfishes Complex ¹⁵	CFMC	Unknown	Unknown	Unknown	N/A	N/A
Shallow Water Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Caribbean Tilefishes Complex ¹⁶	CFMC	Unknown	Unknown	Unknown	N/A	N/A
Shallow Water Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Caribbean Triggerfishes and Filefishes Complex ¹⁷	CFMC	Unknown	Unknown	Unknown	N/A	N/A
Shallow Water Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Caribbean Wrasses Complex ¹⁸	CFMC	Unknown	Unknown	Unknown	N/A	N/A

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FMP	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)	Overfished? (Is Biomass below Threshold?)	Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress
Corals and Reef Associated Plants and Invertebrates of Puerto Rico and the United States Virgin Islands	Caribbean Corals and Reef Associated Plants and Invertebrates Data Collection Species Complex ¹⁹	CFMC			N/A	N/A	N/A
Queen Conch Resources of Puerto Rico and the United States Virgin Islands	Caribbean Conch Data Collection Species Complex ²⁰	CFMC			N/A	N/A	N/A
Shallow Water Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Caribbean Aquarium Trade Species Complex ²¹	CFMC			N/A	N/A	N/A
Pacific Coast Groundfish	Aurora rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Big skate - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Black rockfish - Southern Pacific Coast	PFMC	No	No	No	N/A	N/A
Pacific Coast Groundfish	Black-and-yellow rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Bronzespotted rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Butter sole - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Calico rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	California skate - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Chameleon rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	China rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Copper rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Curlfin sole - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Dusky rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Dwarf red rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A

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FMP	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)	Overfished? (Is Biomass below Threshold?)	Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress
Pacific Coast Groundfish	Flag rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Flathead sole - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Freckled rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Grass rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Greenblotched rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Greenspotted rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Greenstriped rockfish - Pacific Coast	PFMC	Unknown	No	No	N/A	N/A
Pacific Coast Groundfish	Halfbanded rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Harlequin rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Honeycomb rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Kelp rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Leopard shark - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Mexican rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Olive rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Pacific flatnose - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Pink rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Pinkrose rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Pygmy rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Quillback rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A

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FMP	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)	Overfished? (Is Biomass below Threshold?)	Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress
Pacific Coast Groundfish	Redbanded rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Redstripe rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Rock sole - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Rosethorn rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Rosy rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Sharpchin rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Shortraker rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Silvergray rockfish - Pacific Coast	PFMC	No	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Speckled rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Spotted ratfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Squarespot rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Starry rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Stripetail rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Swordspine rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Tiger rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Tope - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Treefish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Yellowmouth rockfish - Pacific Coast	PFMC	Unknown	Unknown	Unknown	N/A	N/A

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FMP	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)	Overfished? (Is Biomass below Threshold?)	Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress
Pacific Coast Salmon	Chinook salmon - California Central Valley: Sacramento (fall)	PFMC	No	Yes	N/A	Develop Rebuilding Plan ²²	N/A
Pacific Coast Salmon	Chinook salmon - California Central Valley: Sacramento (spring)	PFMC	N/A Exception 3**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Chinook salmon - California Central Valley: Sacramento (winter)	PFMC	N/A Exception 3**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Chinook salmon - Columbia River Basin: Klickitat, Warm Springs, John Day, and Yakima (spring)	PFMC	N/A Exception 2**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Chinook salmon - Columbia River Basin: Lower River Hatchery (fall)	PFMC	N/A Exception 1**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Chinook salmon - Columbia River Basin: Lower River Hatchery (spring)	PFMC	N/A Exception 1**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Chinook salmon - Columbia River Basin: Mid-River Bright Hatchery (fall)	PFMC	N/A Exception 1**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Chinook salmon - Columbia River Basin: North Lewis (fall)	PFMC	N/A Exception 3**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Chinook salmon - Columbia River Basin: Snake (fall)	PFMC	N/A Exception 3**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Chinook salmon - Columbia River Basin: Snake (spring/summer)	PFMC	N/A Exceptions 2 & 3**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Chinook salmon - Columbia River Basin: Spring Creek Hatchery (fall)	PFMC	N/A Exception 1**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Chinook salmon - Columbia River Basin: Upper River (spring)	PFMC	N/A Exceptions 2 & 3**	N/A	N/A	N/A	N/A

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FMP	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)	Overfished? (Is Biomass below Threshold?)	Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress
Pacific Coast Salmon	Chinook salmon - Columbia River Basin: Upper River (summer)	PFMC	N/A Exception 2**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Chinook salmon - Columbia River Basin: Upper River Bright (fall)	PFMC	N/A Exception 2**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Chinook salmon - Columbia River Basin: Upper Willamette (spring)	PFMC	N/A Exceptions 2 & 3**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Chinook salmon - Northern California Coast: Eel, Mattole, Mad, and Smith (fall/spring) ²³	PFMC	N/A Exception 3**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Chinook salmon - Northern California Coast: Klamath (fall)	PFMC	No ²⁴	No - Rebuilding ²⁴	No	Develop rebuilding plan ²⁴	N/A
Pacific Coast Salmon	Chinook salmon - Northern California Coast: Klamath (spring)	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Salmon	Chinook salmon - Oregon Coast: Central and Northern	PFMC	No	No	No	N/A	N/A
Pacific Coast Salmon	Chinook salmon - Oregon Coast: Southern	PFMC	No	No	No	N/A	N/A
Pacific Coast Salmon	Chinook salmon - Puget Sound: Cedar (summer/fall)	PFMC	N/A Exceptions 2 & 3**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Chinook salmon - Puget Sound: Eastern Strait of Juan de Fuca (summer/fall)	PFMC	N/A Exceptions 2 & 3**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Chinook salmon - Puget Sound: Green (summer/fall)	PFMC	N/A Exceptions 2 & 3**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Chinook salmon - Puget Sound: Nisqually (summer/fall)	PFMC	N/A Exceptions 2 & 3**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Chinook salmon - Puget Sound: Nooksack (spring early)	PFMC	N/A Exceptions 2 & 3**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Chinook salmon - Puget Sound: Skagit (spring)	PFMC	N/A Exceptions 2 & 3**	N/A	N/A	N/A	N/A

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FMP	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)	Overfished? (Is Biomass below Threshold?)	Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress
Pacific Coast Salmon	Chinook salmon - Puget Sound: Skagit (summer/fall)	PFMC	N/A Exceptions 2 & 3**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Chinook salmon - Puget Sound: Skokomish (summer/fall)	PFMC	N/A Exceptions 2 & 3**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Chinook salmon - Puget Sound: Snohomish (summer/fall)	PFMC	N/A Exceptions 2 & 3**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Chinook salmon - Puget Sound: Stillaguamish (summer/fall)	PFMC	N/A Exceptions 2 & 3**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Chinook salmon - Puget Sound: White (spring)	PFMC	N/A Exceptions 2 & 3**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Chinook salmon - Southern British Columbia: Coastal	PFMC	N/A Exception 2**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Chinook salmon - Southern British Columbia: Fraser ²⁵	PFMC	N/A Exception 2**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Chinook salmon - Washington Coast: Grays Harbor (fall)	PFMC	N/A Exception 2**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Chinook salmon - Washington Coast: Grays Harbor (spring)	PFMC	N/A Exception 2**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Chinook salmon - Washington Coast: Hoh (fall)	PFMC	N/A Exception 2**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Chinook salmon - Washington Coast: Hoh (spring/summer)	PFMC	N/A Exception 2**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Chinook salmon - Washington Coast: Hoko (summer/fall)	PFMC	N/A Exception 2**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Chinook salmon - Washington Coast: Queets (fall)	PFMC	N/A Exception 2**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Chinook salmon - Washington Coast: Queets (spring/summer)	PFMC	N/A Exception 2**	N/A	N/A	N/A	N/A

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FMP	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)	Overfished? (Is Biomass below Threshold?)	Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress
Pacific Coast Salmon	Chinook salmon - Washington Coast: Quillayute (fall)	PFMC	N/A Exception 2**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Chinook salmon - Washington Coast: Quillayute (spring/summer)	PFMC	N/A Exception 2**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Chinook salmon - Washington Coast: Quinault (fall)	PFMC	N/A Exception 1**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Chinook salmon - Washington Coast: Willapa Bay Fall (hatchery)	PFMC	N/A Exception 1**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Chinook salmon - Washington Coast: Willapa Bay Fall (natural)	PFMC	N/A Exception 2**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Coho salmon - Oregon Production Index Area: Central California Coast	PFMC	N/A Exception 3**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Coho salmon - Oregon Production Index Area: Columbia (early hatchery)	PFMC	N/A Exception 1**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Coho salmon - Oregon Production Index Area: Columbia (late hatchery)	PFMC	N/A Exception 1**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Coho salmon - Oregon Production Index Area: Columbia (natural)	PFMC	N/A Exception 3**	N/A	Unknown	N/A	N/A
Pacific Coast Salmon	Coho salmon - Oregon Production Index Area: Northern California	PFMC	N/A Exception 3**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Coho salmon - Oregon Production Index Area: Oregon Coastal (natural) ²⁶	PFMC	No	No	No	N/A	N/A
Pacific Coast Salmon	Coho salmon - Puget Sound: Eastern Strait of Juan de Fuca	PFMC	No	No	No	N/A	N/A
Pacific Coast Salmon	Coho salmon - Puget Sound: Hood Canal	PFMC	No	No	No	N/A	N/A

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FMP	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)	Overfished? (Is Biomass below Threshold?)	Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress
Pacific Coast Salmon	Coho salmon - Puget Sound: Skagit	PFMC	No	No	No	N/A	N/A
Pacific Coast Salmon	Coho salmon - Puget Sound: Snohomish	PFMC	No	No	No	N/A	N/A
Pacific Coast Salmon	Coho salmon - Puget Sound: South Puget Sound (hatchery)	PFMC	N/A Exception 1**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Coho salmon - Puget Sound: Stillaguamish	PFMC	No	No	No	N/A	N/A
Pacific Coast Salmon	Coho salmon - Southern British Columbia: Coastal	PFMC	N/A Exception 2**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Coho salmon - Southern British Columbia: Fraser ²⁵	PFMC	N/A Exception 2**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Coho salmon - Washington Coast: Grays Harbor	PFMC	No	No	No	N/A	N/A
Pacific Coast Salmon	Coho salmon - Washington Coast: Hoh	PFMC	No	No	No	N/A	N/A
Pacific Coast Salmon	Coho salmon - Washington Coast: Queets	PFMC	No	Yes	N/A	Develop rebuilding plan ²⁷	N/A
Pacific Coast Salmon	Coho salmon - Washington Coast: Quillayute (fall)	PFMC	No	No	No	N/A	N/A
Pacific Coast Salmon	Coho salmon - Washington Coast: Quillayute (summer)	PFMC	N/A Exception 1**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Coho salmon - Washington Coast: Quinalt	PFMC	N/A Exception 1**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Coho salmon - Washington Coast: Western Strait of Juan de Fuca	PFMC	No	Yes	N/A	Develop rebuilding plan ²⁸	N/A
Pacific Coast Salmon	Coho salmon - Washington Coast: Willapa Bay	PFMC	N/A Exception 1**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Pink salmon - Puget Sound (odd-numbered years) ²⁵	PFMC	N/A Exception 2**	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Pink salmon - Southern British Columbia: Fraser (odd-numbered years) ²⁵	PFMC	N/A Exception 2**	N/A	N/A	N/A	N/A

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FMP	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)	Overfished? (Is Biomass below Threshold?)	Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress
U.S. West Coast Fisheries for Highly Migratory Species / Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Bigeye thresher - North Pacific	PFMC / WPFMC	Unknown	Unknown	Unknown	N/A	N/A
U.S. West Coast Fisheries for Highly Migratory Species / Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Pelagic thresher - North Pacific	PFMC / WPFMC	Unknown	Unknown	Unknown	N/A	N/A
U.S. West Coast Fisheries for Highly Migratory Species / Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Shortfin mako - North Pacific	PFMC / WPFMC	Unknown	Unknown	Unknown	N/A	N/A
U.S. West Coast Fisheries for Highly Migratory Species / Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Thresher shark - North Pacific	PFMC / WPFMC	Unknown	Unknown	Unknown	N/A	N/A
Mariana Archipelago Ecosystem	Northern Mariana Islands Bottomfish Multi-species Complex ²⁹	WPFMC	No	No	No	N/A	N/A
American Samoa Archipelago Ecosystem	American Samoa Coral Reef Ecosystem Multi-species Complex ³⁰	WPFMC	Unknown	Unknown	Unknown	N/A	N/A
Mariana Archipelago Ecosystem	Guam Coral Reef Ecosystem Multi-species Complex ³¹	WPFMC	Unknown	Unknown	Unknown	N/A	N/A
Mariana Archipelago Ecosystem	Northern Mariana Islands Coral Reef Ecosystem Multi-species Complex ³²	WPFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Remote Island Areas Ecosystem	Pacific Island Remote Areas Coral Reef Ecosystem Multi-species Complex ³³	WPFMC	Unknown	Unknown	Unknown	N/A	N/A
Hawaii Archipelago Ecosystem	Northwestern Hawaiian Islands Crustacean Complex ³⁴	WPFMC	No	Unknown	Unknown	N/A	N/A
Hawaii Archipelago Ecosystem	Main Hawaiian Islands Crustacean Complex ³⁵	WPFMC	Undefined	Undefined	Unknown	N/A	N/A
American Samoa Archipelago Ecosystem	American Samoa Archipelago Crustacean Complex ³⁶	WPFMC	Undefined	Undefined	Unknown	N/A	N/A

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FMP	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)	Overfished? (Is Biomass below Threshold?)	Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress
Mariana Archipelago Ecosystem	Guam Crustacean Complex ³⁷	WPFMC	Undefined	Undefined	Unknown	N/A	N/A
Mariana Archipelago Ecosystem	Northern Mariana Island Crustacean Complex ³⁸	WPFMC	Undefined	Undefined	Unknown	N/A	N/A
Pacific Remote Island Areas Ecosystem	Pacific Remote Island Areas Crustacean Complex ³⁹	WPFMC	Undefined	Undefined	Unknown	N/A	N/A
Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Black marlin - Pacific	WPFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Longfin mako - North Pacific	WPFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Oceanic whitetip shark - Tropical Pacific	WPFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Pomfrets (Bramidae) - Western Pacific	WPFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Sailfish - Pacific	WPFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Salmon shark - North Pacific	WPFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Silky shark - Tropical Pacific	WPFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Snake mackerels (Gempylidae) - Pacific	WPFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Tropical Pacific Other Tuna Relatives Complex ⁴⁰	WPFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Western Pacific Squid Complex ⁴¹	WPFMC	Unknown	Unknown	Unknown	N/A	N/A
Hawaii Archipelago Ecosystem	Au'au Bed Black Coral Complex ⁴²	WPFMC	Unknown	Unknown	Unknown	N/A	N/A
Hawaii Archipelago Ecosystem	Conditional Beds Precious Corals Multi-species Complex ⁴³	WPFMC	Unknown	Unknown	Unknown	N/A	N/A
Hawaii Archipelago Ecosystem	Makapu'u Bed Precious Corals Multi-species Complex ⁴³	WPFMC	No ⁴⁴	Unknown	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

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FMP	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)	Overfished? (Is Biomass below Threshold?)	Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress
Groundfish of the Bering Sea and Aleutian Islands Management Area	Bering Sea / Aleutian Islands Other Flatfish Complex ⁴⁵	NPFMC	No	Undefined	Unknown	N/A	N/A
Groundfish of the Bering Sea and Aleutian Islands Management Area	Bering Sea / Aleutian Islands Other Rockfish Complex ⁴⁶	NPFMC	No	Undefined	Unknown	N/A	N/A
Groundfish of the Bering Sea and Aleutian Islands Management Area	Bering Sea / Aleutian Islands Other Species Complex ⁴⁷	NPFMC	No	Undefined	Unknown	N/A	N/A
Groundfish of the Bering Sea and Aleutian Islands Management Area	Bering Sea / Aleutian Islands Squid Complex ⁴⁸	NPFMC	No	Undefined	Unknown	N/A	N/A
Groundfish of the Bering Sea and Aleutian Islands Management Area	Kamchatka flounder - Bering Sea / Aleutian Islands	NPFMC	Undefined	Undefined	Unknown	N/A	N/A
Groundfish of the Bering Sea and Aleutian Islands Management Area	Shortraker rockfish - Bering Sea / Aleutian Islands	NPFMC	No	Undefined	Unknown	N/A	N/A
Groundfish of the Bering Sea and Aleutian Islands Management Area	Walleye pollock - Bogoslof	NPFMC	No	Undefined	Unknown	N/A	N/A
Groundfish of the Gulf of Alaska	Atka mackerel - Gulf of Alaska	NPFMC	No	Undefined	Unknown	N/A	N/A
Groundfish of the Gulf of Alaska	Big skate - Gulf of Alaska	NPFMC	No	Undefined	Unknown	N/A	N/A
Groundfish of the Gulf of Alaska	Gulf of Alaska Skate Complex ⁴⁹	NPFMC	No	Undefined	Unknown	N/A	N/A
Groundfish of the Gulf of Alaska	Gulf of Alaska Other Slope Rockfish Complex ⁵⁰	NPFMC	No	Undefined	Unknown	N/A	N/A
Groundfish of the Gulf of Alaska	Gulf of Alaska Other Species Complex ⁵¹	NPFMC	Undefined	Undefined	Unknown	N/A	N/A
Groundfish of the Gulf of Alaska	Gulf of Alaska Shallow Water Flatfish Complex ⁵²	NPFMC	No	Undefined	Unknown	N/A	N/A
Groundfish of the Gulf of Alaska	Longnose skate - Gulf of Alaska	NPFMC	No	Undefined	Unknown	N/A	N/A
Groundfish of the Gulf of Alaska	Shortraker rockfish - Gulf of Alaska	NPFMC	No	Undefined	Unknown	N/A	N/A
Groundfish of the Gulf of Alaska	Walleye pollock - Eastern Gulf of Alaska	NPFMC	No	Undefined	Unknown	N/A	N/A
Salmon Fisheries in the EEZ off the Coast of Alaska	Alaska Coho Salmon Assemblage ⁵³	NPFMC	No	No	No	N/A	N/A
Salmon Fisheries in the EEZ off the Coast of Alaska	Chinook salmon - Eastern North Pacific Far North Migrating	NPFMC	No	No	No	N/A	N/A

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FMP	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)	Overfished? (Is Biomass below Threshold?)	Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress
Scallop Fishery off Alaska	Bering scallop - Alaska	NPFMC	Undefined	Undefined	N/A	N/A	N/A
Scallop Fishery off Alaska	Giant rock scallop - Alaska	NPFMC	Undefined	Undefined	N/A	N/A	N/A
Scallop Fishery off Alaska	Reddish scallop - Alaska	NPFMC	Undefined	Undefined	N/A	N/A	N/A
Scallop Fishery off Alaska	Spiny scallop - Alaska	NPFMC	Undefined	Undefined	N/A	N/A	N/A
Scallop Fishery off Alaska	Weathervane scallop - Alaska	NPFMC	No	Undefined	N/A	N/A	N/A
Scallop Fishery off Alaska	White scallop - Alaska	NPFMC	Undefined	Undefined	N/A	N/A	N/A
Fish Resources of the Arctic Management Area	Arctic cod	NPFMC	No ⁵⁴	Unknown	Unknown	N/A	N/A
Fish Resources of the Arctic Management Area	Saffron cod	NPFMC	No ⁵⁴	Unknown	Unknown	N/A	N/A
Fish Resources of the Arctic Management Area	Snow crab	NPFMC	No ⁵⁴	Unknown	Unknown	N/A	N/A
Fish Resources of the Arctic Management Area	Additional Ecosystem Component Species	NPFMC					
Consolidated Atlantic Highly Migratory Species	Longbill spearfish - Western Atlantic	HMS	Unknown	Unknown	Unknown	N/A	N/A
Consolidated Atlantic Highly Migratory Species	Skipjack tuna - Western Atlantic	HMS	No	No	No	N/A	N/A
Consolidated Atlantic Highly Migratory Species	Atlantic Pelagic Shark Complex ⁵⁵	HMS	Unknown	Unknown	Unknown	N/A	N/A
Consolidated Atlantic Highly Migratory Species	Thirty-three deepwater and other species for data collection only purposes ⁵⁶	HMS				N/A	N/A
International Pacific Halibut Commission ⁵⁷	Pacific halibut - Pacific Coast / Alaska	IPHC/NPFMC/PFMC	Undefined	No	No	N/A	N/A

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*The overfishing definition for this stock is pre-SFA.

** The Salmon FMP contains three exceptions to the application of overfishing criteria and subsequent Council actions for stocks or stock complexes with conservation objectives: (1) hatchery stocks, (2) stocks for which Council management actions have inconsequential impacts, and (3) stocks listed under the ESA.

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 Final Recovery Plan for the Gulf of Maine Distinct Population Segment of Atlantic Salmon has been developed under the ESA.
2. Because the life history of Atlantic wolffish is not well understood, there is considerable uncertainty in the evaluation of stock projections and a rebuilding period or a rebuilding F for this species at this time.
3. Fishery in the EEZ and state waters is closed; therefore, fishing mortality is very low.
4. 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.
5. 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.
6. 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.
7. 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.
8. 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.
9. 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.
10. This unit (Jacks) is part of the Caribbean Reef Fish FMU and is composed of blue runner, greater amberjack, horsey, black, almaco, bar, and yellow jacks. There is no indicator species for this unit.
11. This unit (Parrotfishes) is part of the Caribbean Reef Fish FMU and is composed of blue, midnight, princess, queen, rainbow, striped, redband, redtail, redbin, and stoplight parrotfishes. 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 (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.
14. This unit (Squirrelfishes) is part of the Caribbean Reef Fish FMU and is composed of black bar squirrelfish, longspine squirrelfish, bigeye (*Priacanthus arenatus*), and squirrelfish. There is no indicator species for this unit.
15. 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.
16. 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.
17. 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.
18. 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.
19. 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.
20. 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.
21. 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, Four-eye 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, Pearly Razorfish, Green 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, Tobaccobass, Harlequin Bass, Chalk Bass, Caribbean Tonguefish, Seahorses, Pipefishes, Sand Diver, Sharpnose Puffer, Porcupinefish, Trumpetfish, and Cardinal Soldierfish.
22. This stock failed to meet its conservation objective for 3 consecutive years in 2007, 2008, and 2009. The PFMC was notified on March 2, 2010 that they are required to develop a rebuilding plan for this stock and have 2 years from this date to implement a plan.

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23. 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.
24. This stock failed to meet its conservation objective for 3 consecutive years in 2004, 2005 and 2006, triggering an overfishing concern. The stock was determined by NMFS to be in a state of decline on April 7, 2007. Because the stock was considered overfished as a result of the escapement failure from 2004-2006, a rebuilding plan is required. The Council submitted recommendations to NMFS in June 2008 that proposed to end the overfishing concern and management measures to implement during rebuilding.
25. 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.
26. 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 the northern components, Oregon Coast coho, are also listed as threatened. The OCN stocks have met their management objectives in recent years.
27. This stock failed to meet its conservation objective for 3 consecutive years in 2006, 2007, and 2008. The PFMC was notified on July 31, 2009 that they are required to develop a rebuilding plan for this stock and have 2 years from this date to implement a plan.
28. This stock failed to meet its conservation objective for 3 consecutive years in 2005, 2006, and 2007. The PFMC was notified on July 31, 2009 that they are required to develop a rebuilding plan for this stock and have 2 years from this date to implement a plan.
29. Northern Mariana Islands Bottomfish Multi-species Complex contains 16 species. Stock assessments are currently made for the multi-species complex. MSY is estimated for deep-water complex only, no MSY for the shallow-water complex.
30. American Samoa Coral Reef Ecosystem Multi-species Complex contains 104 "currently harvested coral reef taxa" and innumerable "potentially harvested coral reef taxa".
31. The Guam Coral Reef Ecosystem Multi-species Complex contains 117 "currently harvested coral reef taxa" and innumerable "potentially harvested coral reef taxa."
32. The Northern Mariana Islands Coral Reef Ecosystem Multi-species Complex contains 117 "currently harvested coral reef taxa" and innumerable "potentially harvested coral reef taxa."
33. The Pacific Island Remote Areas Coral Reef Ecosystem Multi-species Complex contains 54 "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.
34. The Northwestern Hawaiian Islands Crustacean Complex include *Panulirus marginatus* (spiny lobster), *Panulirus penicillatus* (spiny lobster), Family Scyllaridae (slipper lobster), *Ranina ranina* (Kona crab), and *Heterocarpus* spp. (deepwater shrimp). Harvest quota for lobster is set at zero for the commercial lobster fishery in Northwest Hawaiian Islands Marine National Monument.
35. The Main Hawaiian Islands Crustacean Complex include *Panulirus marginatus* (spiny lobster), *Panulirus penicillatus* (spiny lobster), Family Scyllaridae (slipper lobster), *Ranina ranina* (Kona crab), and *Heterocarpus* spp. (deepwater shrimp). Harvest quota for lobster is set at zero for the commercial lobster fishery in Northwest Hawaiian Islands Marine National Monument.
36. The American Samoa Archipelago Crustaceans include *Panulirus marginatus* (spiny lobster), *Panulirus penicillatus* (spiny lobster), Family Scyllaridae (slipper lobster), *Ranina ranina* (Kona crab), and *Heterocarpus* spp. (deepwater shrimp).
37. The Guam Crustaceans/Mariana Archipelago Crustaceans include *Panulirus penicillatus* (spiny lobster), Family Scyllaridae (slipper lobster), *Ranina ranina* (Kona crab), and *Heterocarpus* spp. (deepwater shrimp). There are no available estimates of MSY values for Guam and Northern Mariana Island lobster or crab fisheries. The MSY for deepwater shrimp has been estimated for the Mariana Archipelago at 200 kg/nmi².
38. Northern Mariana Island Crustaceans/Mariana Archipelago Crustaceans include *Panulirus penicillatus* (spiny lobster), Family Scyllaridae (slipper lobster), *Ranina ranina* (Kona crab), and *Heterocarpus* spp. (deepwater shrimp). There are no available estimates of MSY values for Guam and Northern Mariana Island lobster or crab fisheries. The MSY for deepwater shrimp has been estimated for the Mariana Archipelago at 200 kg/nmi².
39. The Pacific Remote Island Areas Crustaceans include *Panulirus marginatus* (spiny lobster), *Panulirus penicillatus* (spiny lobster), Family Scyllaridae (slipper lobster), *Ranina ranina* (Kona crab), and *Heterocarpus* spp. (deepwater shrimp).
- 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.
40. The management unit includes *Auxis* spp. (frigate mackerels), *Allotunnus* spp. (slender tunas), and *Scomber* spp. (mackerels).
41. The Squid Complex contains *Ommastrephes bartamii* (neon flying squid), *Thysanoteuthis rhombus* (diamondback squid), and *Sthenoteuthis oualaniensis* (purple flying squid.)
42. The Au'au Bed contains up to 3 species of black coral including *Antipathes grandis*, *Antipathes dichotoma*, and *Myriopathes ulex*.

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43. Moratorium on gold coral (*Gerardia* spp) through June 30, 2013 to prevent overfishing. The coral bed contains up to 12 taxa including *Corallium secundum*, *Corallium regale*, *Corallium laanense*, *Gerardia* spp., *Callogorgia gilberti*, *Narella* spp., *Calyptraphora* spp., *Lepidisis olapa*, *Acanella* spp., *Antipathes grandis*, *Antipathes griggi*, and *Myriopathes ulex*.
44. There has been virtually no fishing for this stock since 2001 and fishing mortality has been virtually zero since then.
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 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.
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. 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 makko*, Squid *Gonatus berryi*, Squid *Gonatus kamtschaticus*, Squid *Gonatus madokai*, Squid *Gonatus onyx*, Squid *Gonatus pyros*, Squid *Histioteuthis boylei*, Squid *Moroteuthis robusta*, and Squid *Rossia pacifica*. The overfishing determination is based on the OFL, which is equal to average historical catch.
49. 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.
50. 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.
51. 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 set at an amount less than or equal to 5 percent of the combined TACs for the remainder of the groundfish fishery.
52. 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.
53. The coho salmon assemblage consists of coho, sockeye, pink, and chum salmon throughout southeast Alaska. There are 4 indicator stocks of coho salmon that are used to determine the status of the assemblage; these indicator stocks are Auke Creek, Berners River, Ford Arm Lake, and Hugh Smith Lake.
54. There is no commercial fishing for this stock, including Alaska state waters and international fishing, so fishing mortality is expected to be zero.
55. 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.
56. There are an additional 33 deepwater and other species contained in this FMP, but are not contained in the management unit and are for data collection purposes only. These species include Iceland catshark, Smallfin catshark, Deepwater catshark, Broadgill catshark, Marbled catshark, Blotched catshark, Chain dogfish, Dwarf catshark, Japanese gulper shark, Gulper shark, Little gulper shark, Kitefin shark, Flatnose gulper shark, Portuguese shark, Greenland shark, Lined lanternshark, Broadband dogfish, Caribbean lanternshark, Great lanternshark, Smooth lanternshark, Fringefin lanternshark, Green lanternshark, Cookiecutter shark, Bigtooth cookiecutter, Smallmouth velvet Dogfish, Pygmy shark, Roughskin spiny dogfish, Blainville's dogfish, Cuban dogfish, Bramble shark, American sawshark, Florida smoothhound, and Smooth dogfish.

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57. The resource is managed by treaty between the United States and Canada through recommendations of the International Pacific Halibut Commission. Pacific halibut is managed under the jurisdiction of the PFMC for WA, OR, and CA and under the jurisdiction of the NPFMC for Alaska.