

National Marine Fisheries Service - 2022 Status of U.S. Fisheries

Table A. Summary of Stock Status for FSSI Stocks

Jurisdiction	FMP	Stock	Overfishing	Overfished	Approaching Overfished	Rebuilding Program Progress	B/Bmsy	Points
Atlantic HMS	Consolidated Atlantic Highly Migratory Species	Atlantic sharpnose shark - Atlantic	No	No	No	NA	2.08	4
Atlantic HMS	Consolidated Atlantic Highly Migratory Species	Atlantic sharpnose shark - Gulf of Mexico	No	No	No	NA	1.02	4
Atlantic HMS	Consolidated Atlantic Highly Migratory Species	Blacknose shark - Atlantic	Yes	Yes	NA	Year 10 of 30-year plan	0.43-0.64	1
Atlantic HMS	Consolidated Atlantic Highly Migratory Species	Blacktip shark - Atlantic	No	No	No	NA	1.16	4
Atlantic HMS	Consolidated Atlantic Highly Migratory Species	Blacktip shark - Gulf of Mexico	No	No	No	NA	2.62	4
Atlantic HMS	Consolidated Atlantic Highly Migratory Species	Finetooth shark - Atlantic and Gulf of Mexico	No	No	No	NA	1.30	4
Atlantic HMS	Consolidated Atlantic Highly Migratory Species	Great hammerhead - Atlantic and Gulf of Mexico	Unknown	Unknown	Unknown	NA	not estimated	0
Atlantic HMS	Consolidated Atlantic Highly Migratory Species	Lemon shark - Atlantic and Gulf of Mexico	Unknown	Unknown	Unknown	NA	not estimated	0
Atlantic HMS	Consolidated Atlantic Highly Migratory Species	Sandbar shark - Atlantic and Gulf of Mexico	No	Yes	NA	Year 18 of 66-year plan	0.77	2
Atlantic HMS	Consolidated Atlantic Highly Migratory Species	Scalloped hammerhead - Atlantic and Gulf of Mexico	Yes	Yes	NA	Year 10 of 10-year plan	0.45	1
Atlantic HMS	Consolidated Atlantic Highly Migratory Species	Smooth dogfish - Atlantic	No	No	No	NA	2.29	4
Atlantic HMS	Consolidated Atlantic Highly Migratory Species	Smooth hammerhead - Atlantic and Gulf of Mexico	Unknown	Unknown	Unknown	NA	not estimated	0
CFMC	Puerto Rico Fishery Management Plan	Caribbean spiny lobster - Puerto Rico	No	No	No	NA	1.35	4
CFMC	St. Croix Fishery Management Plan	Caribbean spiny lobster - St. Croix	No	No	No	NA	1.96	4
CFMC	St. Thomas and St. John Fishery Management Plan	Caribbean spiny lobster - St. Thomas / St. John	No	No	No	NA	1.55	4
GMFMC	Reef Fish Resources of the Gulf of Mexico	Gag - Gulf of Mexico	Yes	Yes	No	NA	0.08	1
GMFMC	Reef Fish Resources of the Gulf of Mexico	Gray snapper - Gulf of Mexico	No	No	No	NA	0.70	3

National Marine Fisheries Service - 2022 Status of U.S. Fisheries

Table A. Summary of Stock Status for FSSI Stocks

Jurisdiction	FMP	Stock	Overfishing	Overfished	Approaching Overfished	Rebuilding Program Progress	B/B <sub>msy</sub>	Points
GMFMC	Reef Fish Resources of the Gulf of Mexico	Gray triggerfish - Gulf of Mexico *	No	No - Rebuilding	No	Year 5 of 8-year plan	0.58	3
GMFMC	Reef Fish Resources of the Gulf of Mexico	Greater amberjack - Gulf of Mexico *	Yes	Yes	NA	Year 5 of 10-year plan	0.34	1
GMFMC	Reef Fish Resources of the Gulf of Mexico	Hogfish - Eastern Gulf of Mexico	No	No	No	NA	2.36	4
GMFMC	Reef Fish Resources of the Gulf of Mexico	Lane snapper - Gulf of Mexico	No	Unknown	Unknown	NA	not estimated	1.5
GMFMC	Reef Fish Resources of the Gulf of Mexico	Red grouper - Gulf of Mexico	No	No	No	NA	0.82	4
GMFMC	Reef Fish Resources of the Gulf of Mexico	Red snapper - Gulf of Mexico *	No	No - Rebuilding	No	Year 18 of 28-year plan	0.70	3
GMFMC	Reef Fish Resources of the Gulf of Mexico	Tilefish - Gulf of Mexico *	No	No	Unknown	NA	not estimated	4
GMFMC	Reef Fish Resources of the Gulf of Mexico	Vermilion snapper - Gulf of Mexico	No	No	No	NA	1.75	4
GMFMC	Reef Fish Resources of the Gulf of Mexico	Yellowedge grouper - Gulf of Mexico *	No	No	No	NA	1.11	4
GMFMC	Shrimp Fishery of the Gulf of Mexico	Brown shrimp - Gulf of Mexico	No	No	No	NA	4.39	4
GMFMC	Shrimp Fishery of the Gulf of Mexico	Pink shrimp - Gulf of Mexico	No	No	No	NA	2.65	4
GMFMC	Shrimp Fishery of the Gulf of Mexico	Royal red shrimp - Gulf of Mexico	No	Unknown	Unknown	NA	not estimated	1.5
GMFMC	Shrimp Fishery of the Gulf of Mexico	White shrimp - Gulf of Mexico	No	No	No	NA	1.76	4
MAFMC	Atlantic Surfclam and Ocean Quahog	Atlantic surfclam - Mid-Atlantic Coast	No	No	No	NA	1.19	4
MAFMC	Atlantic Surfclam and Ocean Quahog	Ocean quahog - Atlantic Coast	No	No	No	NA	1.08	4
MAFMC	Bluefish	Bluefish - Atlantic Coast	No	Yes	NA	Year 1 of 7-year plan	0.48	2
MAFMC	Mackerel, Squid and Butterfish	Atlantic mackerel - Gulf of Maine / Cape Hatteras	Yes	Yes	NA	Year 4 of 5-year plan	0.24	1

National Marine Fisheries Service - 2022 Status of U.S. Fisheries

Table A. Summary of Stock Status for FSSI Stocks

Jurisdiction	FMP	Stock	Overfishing	Overfished	Approaching Overfished	Rebuilding Program Progress	B/Bmsy	Points
MAFMC	Mackerel, Squid and Butterfish	Butterfish - Gulf of Maine / Cape Hatteras	No	No	No	NA	1.77	4
MAFMC	Mackerel, Squid and Butterfish	Longfin inshore squid - Georges Bank / Cape Hatteras	Unknown	No	No	NA	1.74	2.5
MAFMC	Mackerel, Squid and Butterfish	Northern shortfin squid - Northwestern Atlantic Coast *	No	Unknown	Unknown	NA	not estimated	1.5
MAFMC	Summer Flounder, Scup and Black Sea Bass	Black sea bass - Mid-Atlantic Coast	No	No	No	NA	2.06	4
MAFMC	Summer Flounder, Scup and Black Sea Bass	Scup - Atlantic Coast	No	No	No	NA	1.96	4
MAFMC	Summer Flounder, Scup and Black Sea Bass	Summer flounder - Mid-Atlantic Coast	No	No	No	NA	0.86	4
MAFMC	Tilefish	Tilefish - Mid-Atlantic Coast	No	No	No	NA	0.96	4
NEFMC	Atlantic Herring	Atlantic herring - Northwestern Atlantic Coast *	No	Yes	NA	Year 1 of 5-year plan	0.21	2
NEFMC	Atlantic Sea Scallop	Sea scallop - Northwestern Atlantic Coast	No	No	No	NA	1.43	4
NEFMC	Northeast Multispecies	Acadian redfish - Gulf of Maine / Georges Bank	No	No	No	NA	1.54	4
NEFMC	Northeast Multispecies	American plaice - Gulf of Maine / Georges Bank	No	No	No	NA	0.99	4
NEFMC	Northeast Multispecies	Atlantic cod - Georges Bank *	Yes	Yes	NA	Year 19 of 23-year plan	0.07	1
NEFMC	Northeast Multispecies	Atlantic cod - Gulf of Maine *	Yes	Yes	NA	Year 9 of 10-year plan	0.06-0.09	1
NEFMC	Northeast Multispecies	Atlantic halibut - Northwestern Atlantic Coast *	Unknown	Yes	NA	Year 19 of 52-year plan	0.03	0.5
NEFMC	Northeast Multispecies	Haddock - Georges Bank	No	No	No	NA	0.66	3
NEFMC	Northeast Multispecies	Haddock - Gulf of Maine	Yes	No	No	NA	2.70	3
NEFMC	Northeast Multispecies	Pollock - Gulf of Maine / Georges Bank	No	No	No	NA	1.91	4
NEFMC	Northeast Multispecies	Red hake - Southern Georges Bank / Mid-Atlantic	Yes	Yes	NA	Year 1 of 10-year plan	0.37	1
NEFMC	Northeast Multispecies	Silver hake - Gulf of Maine / Northern Georges Bank	No	No	No	NA	2.24	4

National Marine Fisheries Service - 2022 Status of U.S. Fisheries

Table A. Summary of Stock Status for FSSI Stocks

Jurisdiction	FMP	Stock	Overfishing	Overfished	Approaching Overfished	Rebuilding Program Progress	B/Bmsy	Points
NEFMC	Northeast Multispecies	Silver hake - Southern Georges Bank / Mid-Atlantic	No	No	No	NA	1.30	4
NEFMC	Northeast Multispecies	White hake - Gulf of Maine / Georges Bank *	No	No - Rebuilding	No	Year 2 of 10-year plan	0.69	3
NEFMC	Northeast Multispecies	Winter flounder - Georges Bank	No	No - Rebuilding	No	Year 4 of 10-year plan	0.60	3
NEFMC	Northeast Multispecies	Winter flounder - Gulf of Maine	No	Unknown	Unknown	NA	not estimated	1.5
NEFMC	Northeast Multispecies	Winter flounder - Southern New England / Mid-Atlantic *	No	No	No	NA	1.01	4
NEFMC	Northeast Multispecies	Witch flounder - Northwestern Atlantic Coast *	Unknown	Yes	No	Year 4 of 23-year plan	not estimated	0.5
NEFMC	Northeast Multispecies	Yellowtail flounder - Cape Cod / Gulf of Maine	No	Rebuilt	No	NA	1.00	4
NEFMC	Northeast Multispecies	Yellowtail flounder - Southern New England / Mid-Atlantic *	No	Yes	No	Year 4 of 10-year plan	0.04	2
NEFMC	Northeast Skate Complex	Little skate - Georges Bank / Southern New England	No	No	No	NA	0.66	3
NEFMC	Northeast Skate Complex	Winter skate - Georges Bank / Southern New England	No	No	No	NA	1.71	4
NEFMC / MAFMC	Monkfish	Goosefish - Gulf of Maine / Northern Georges Bank *	Unknown	Unknown	Unknown	NA	not estimated	0
NEFMC / MAFMC	Monkfish	Goosefish - Southern Georges Bank / Mid-Atlantic *	Unknown	Unknown	Unknown	NA	not estimated	0
NEFMC / MAFMC	Spiny Dogfish	Spiny dogfish - Atlantic Coast	No	No	No	NA	0.67	3
NPFMC	Bering Sea/Aleutian Islands King and Tanner Crabs	Golden king crab - Aleutian Islands *	No	No	No	NA	1.115 0.89	4
NPFMC	Bering Sea/Aleutian Islands King and Tanner Crabs	Red king crab - Bristol Bay	No	No	No	NA	0.58	3
NPFMC	Bering Sea/Aleutian Islands King and Tanner Crabs	Red king crab - Norton Sound	No	No	No	NA	1.27	4
NPFMC	Bering Sea/Aleutian Islands King and Tanner Crabs	Snow crab - Bering Sea *	No	Yes	No	NA	0.23	2

National Marine Fisheries Service - 2022 Status of U.S. Fisheries

Table A. Summary of Stock Status for FSSI Stocks

Jurisdiction	FMP	Stock	Overfishing	Overfished	Approaching Overfished	Rebuilding Program Progress	B/Bmsy	Points
NPFMC	Bering Sea/Aleutian Islands King and Tanner Crabs	Southern Tanner crab - Bering Sea	No	No	No	NA	1.18	4
NPFMC	Groundfish of the Bering Sea and Aleutian Islands Management Area	Alaska plaice - Bering Sea / Aleutian Islands	No	No	No	NA	1.58	4
NPFMC	Groundfish of the Bering Sea and Aleutian Islands Management Area	Arrowtooth flounder - Bering Sea / Aleutian Islands	No	No	No	NA	2.57	4
NPFMC	Groundfish of the Bering Sea and Aleutian Islands Management Area	Atka mackerel - Bering Sea / Aleutian Islands	No	No	No	NA	1.16	4
NPFMC	Groundfish of the Bering Sea and Aleutian Islands Management Area	Bering Sea / Aleutian Islands Flathead Sole Complex *	No	No	No	NA	2.08	4
NPFMC	Groundfish of the Bering Sea and Aleutian Islands Management Area	Bering Sea / Aleutian Islands Rock Sole Complex *	No	No	No	NA	1.67	4
NPFMC	Groundfish of the Bering Sea and Aleutian Islands Management Area	Bering Sea / Aleutian Islands Skate Complex *	No	No	No	NA	2.28	4
NPFMC	Groundfish of the Bering Sea and Aleutian Islands Management Area	Greenland halibut - Bering Sea / Aleutian Islands	No	No	No	NA	1.70	4
NPFMC	Groundfish of the Bering Sea and Aleutian Islands Management Area	Kamchatka flounder - Bering Sea / Aleutian Islands	No	No	No	NA	1.53	4
NPFMC	Groundfish of the Bering Sea and Aleutian Islands Management Area	Northern rockfish - Bering Sea / Aleutian Islands	No	No	No	NA	2.10	4
NPFMC	Groundfish of the Bering Sea and Aleutian Islands Management Area	Pacific cod - Aleutian Islands	No	Unknown	Unknown	NA	not estimated	1.5
NPFMC	Groundfish of the Bering Sea and Aleutian Islands Management Area	Pacific cod - Bering Sea	No	No	No	NA	1.06	4

National Marine Fisheries Service - 2022 Status of U.S. Fisheries

Table A. Summary of Stock Status for FSSI Stocks

Jurisdiction	FMP	Stock	Overfishing	Overfished	Approaching Overfished	Rebuilding Program Progress	B/Bmsy	Points
NPFMC	Groundfish of the Bering Sea and Aleutian Islands Management Area	Pacific ocean perch - Bering Sea / Aleutian Islands	No	No	No	NA	1.58	4
NPFMC	Groundfish of the Bering Sea and Aleutian Islands Management Area	Walleye pollock - Aleutian Islands	No	No	No	NA	1.39	4
NPFMC	Groundfish of the Bering Sea and Aleutian Islands Management Area	Walleye pollock - Bogoslof	No	Unknown	Unknown	NA	not estimated	1.5
NPFMC	Groundfish of the Bering Sea and Aleutian Islands Management Area	Walleye pollock - Eastern Bering Sea	No	No	No	NA	0.796	3
NPFMC	Groundfish of the Bering Sea and Aleutian Islands Management Area	Yellowfin sole - Bering Sea / Aleutian Islands	No	No	No	NA	1.90	4
NPFMC	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 *	No	No	No	NA	1.04	4
NPFMC	Groundfish of the Gulf of Alaska	Arrowtooth flounder - Gulf of Alaska	No	No	No	NA	2.05	4
NPFMC	Groundfish of the Gulf of Alaska	Dusky rockfish - Gulf of Alaska	No	No	No	NA	1.79	4
NPFMC	Groundfish of the Gulf of Alaska	Flathead sole - Gulf of Alaska	No	No	No	NA	2.60	4
NPFMC	Groundfish of the Gulf of Alaska	Gulf of Alaska Blackspotted and Rougheye Rockfish Complex *	No	No	No	NA	1.68	4
NPFMC	Groundfish of the Gulf of Alaska	Gulf of Alaska Demersal Shelf Rockfish Complex *	No	Unknown	Unknown	NA	not estimated	1.5
NPFMC	Groundfish of the Gulf of Alaska	Gulf of Alaska Shallow Water Flatfish Complex *	No	No	No	NA	2.32	4
NPFMC	Groundfish of the Gulf of Alaska	Gulf of Alaska Thornyhead Rockfish Complex *	No	Unknown	Unknown	NA	not estimated	1.5

National Marine Fisheries Service - 2022 Status of U.S. Fisheries

Table A. Summary of Stock Status for FSSI Stocks

Jurisdiction	FMP	Stock	Overfishing	Overfished	Approaching Overfished	Rebuilding Program Progress	B/Bmsy	Points
NPFMC	Groundfish of the Gulf of Alaska	Northern rockfish - Western / Central Gulf of Alaska	No	No	No	NA	1.51	4
NPFMC	Groundfish of the Gulf of Alaska	Pacific cod - Gulf of Alaska	No	No	No	NA	0.797	3
NPFMC	Groundfish of the Gulf of Alaska	Pacific ocean perch - Gulf of Alaska	No	No	No	NA	1.91	4
NPFMC	Groundfish of the Gulf of Alaska	Rex sole - Gulf of Alaska	No	No	No	NA	<1	4
NPFMC	Groundfish of the Gulf of Alaska	Shortraker rockfish - Gulf of Alaska	No	Unknown	Unknown	NA	not estimated	1.5
NPFMC	Groundfish of the Gulf of Alaska	Walleye pollock - Western / Central / West Yakutat Gulf of Alaska	No	No	No	NA	1.31	4
PFMC	Coastal Pelagic Species	Northern anchovy - Southern Pacific Coast	No	Unknown	Unknown	NA	not estimated	1.5
PFMC	Coastal Pelagic Species	Pacific chub mackerel - Pacific Coast *	No	No	No	NA	not estimated	4
PFMC	Coastal Pelagic Species	Pacific sardine - Northern Subpopulation *	No	Yes	NA	Year 2 of 14-year plan	not estimated	2
PFMC	Pacific Coast Groundfish	Arrowtooth flounder - Pacific Coast	No	No	No	NA	3.47	4
PFMC	Pacific Coast Groundfish	Aurora rockfish - Pacific Coast	Unknown	No	No	NA	1.59	2.5
PFMC	Pacific Coast Groundfish	Big skate - Pacific Coast	No	No	No	NA	1.98	4
PFMC	Pacific Coast Groundfish	Black rockfish - California	No	No	No	NA	0.83	4
PFMC	Pacific Coast Groundfish	Black rockfish - Oregon	No	No	No	NA	1.51	4
PFMC	Pacific Coast Groundfish	Blackgill rockfish - Southern California	Unknown	No	No	NA	0.98	2.5
PFMC	Pacific Coast Groundfish	Bocaccio - Southern Pacific Coast	No	No	No	NA	1.22	4
PFMC	Pacific Coast Groundfish	Brown rockfish - Pacific Coast	Unknown	No	No	NA	1.06	2.5
PFMC	Pacific Coast Groundfish	Cabazon - California	No	No	No	NA	1.629 1.23	4
PFMC	Pacific Coast Groundfish	Cabazon - Oregon	No	No	No	NA	1.32	4
PFMC	Pacific Coast Groundfish	California Blue and Deacon Rockfish Complex *	Unknown	No	No	NA	0.93	2.5

## National Marine Fisheries Service - 2022 Status of U.S. Fisheries

Table A. Summary of Stock Status for FSSI Stocks

Jurisdiction	FMP	Stock	Overfishing	Overfished	Approaching Overfished	Rebuilding Program Progress	B/Bmsy	Points
PFMC	Pacific Coast Groundfish	California scorpionfish - Southern California	No	No	No	NA	1.36	4
PFMC	Pacific Coast Groundfish	Canary rockfish - Pacific Coast	No	No	No	NA	1.39	4
PFMC	Pacific Coast Groundfish	Chilepepper - Southern Pacific Coast	No	No	No	NA	1.60	4
PFMC	Pacific Coast Groundfish	Cowcod - Southern California	No	No	No	NA	2.86	4
PFMC	Pacific Coast Groundfish	Darkblotched rockfish - Pacific Coast	No	No	No	NA	1.00	4
PFMC	Pacific Coast Groundfish	Dover sole - Pacific Coast	No	No	No	NA	3.12	4
PFMC	Pacific Coast Groundfish	English sole - Pacific Coast	No	No	No	NA	3.52	4
PFMC	Pacific Coast Groundfish	Kelp greenling - Oregon	Unknown	No	No	NA	1.99	2.5
PFMC	Pacific Coast Groundfish	Lingcod - Northern Pacific Coast	No	No	No	NA	1.60	4
PFMC	Pacific Coast Groundfish	Lingcod - Southern Pacific Coast	No	No	No	NA	0.99	4
PFMC	Pacific Coast Groundfish	Longnose skate - Pacific Coast	No	No	No	NA	2.83	4
PFMC	Pacific Coast Groundfish	Longspine thornyhead - Pacific Coast	No	No	No	NA	1.88	4
PFMC	Pacific Coast Groundfish	Northern California Gopher / Black-and-Yellow Rockfish Complex	Unknown	No	No	NA	2.19	2.5
PFMC	Pacific Coast Groundfish	Oregon Blue and Deacon Rockfish Complex *	Unknown	No	No	NA	1.71	2.5
PFMC	Pacific Coast Groundfish	Pacific ocean perch - Pacific Coast	No	No	No	NA	1.92	4
PFMC	Pacific Coast Groundfish	Pacific sanddab - Pacific Coast	Unknown	No	No	NA	>1	2.5
PFMC	Pacific Coast Groundfish	Petrable sole - Pacific Coast	No	No	No	NA	1.23	4
PFMC	Pacific Coast Groundfish	Rex sole - Pacific Coast	Unknown	No	No	NA	3.20	2.5
PFMC	Pacific Coast Groundfish	Sablefish - Pacific Coast	No	No	No	NA	1.34	4
PFMC	Pacific Coast Groundfish	Sharpchin rockfish - Pacific Coast	Unknown	No	No	NA	1.70	2.5
PFMC	Pacific Coast Groundfish	Shortbelly rockfish - Pacific Coast *	No	No	No	NA	1.67	4
PFMC	Pacific Coast Groundfish	Shortspine thornyhead - Pacific Coast	No	No	No	NA	1.85	4
PFMC	Pacific Coast Groundfish	Spiny dogfish - Pacific Coast	No	No	No	NA	1.05	4



National Marine Fisheries Service - 2022 Status of U.S. Fisheries

Table A. Summary of Stock Status for FSSI Stocks

Jurisdiction	FMP	Stock	Overfishing	Overfished	Approaching Overfished	Rebuilding Program Progress	B/Bmsy	Points
PFMC	Pacific Coast Groundfish	Stripetail rockfish - Pacific Coast *	Unknown	No	No	NA	>1	2.5
PFMC	Pacific Coast Groundfish	Vermilion rockfish - California	Unknown	Unknown	Unknown	NA	not estimated	0
PFMC	Pacific Coast Groundfish	Widow rockfish - Pacific Coast	No	No	No	NA	2.30	4
PFMC	Pacific Coast Groundfish	Yellowtail rockfish - Northern Pacific Coast	No	No	No	NA	1.88	4
PFMC	Pacific Coast Salmon	Chinook salmon - California Central Valley: Sacramento River Fall	No	No	No	NA	1.09	4
PFMC	Pacific Coast Salmon	Chinook salmon - Northern California Coast: Klamath River Fall *	No	Yes	NA	Year 4 of 2-year plan	0.62	2
SAFMC	Dolphin and Wahoo Fishery of the Atlantic	Dolphinfish - Southern Atlantic Coast	No	No	No	NA	1.56	4
SAFMC	Shrimp Fishery of the South Atlantic Region	Brown rock shrimp - Southern Atlantic Coast	No	Unknown	Unknown	NA	not estimated	1.5
SAFMC	Shrimp Fishery of the South Atlantic Region	Brown shrimp - Southern Atlantic Coast	No	No	No	NA	6.65	4
SAFMC	Shrimp Fishery of the South Atlantic Region	Pink shrimp - Southern Atlantic Coast	No	No	No	NA	5.39	4
SAFMC	Shrimp Fishery of the South Atlantic Region	White shrimp - Southern Atlantic Coast	No	No	No	NA	8.33	4
SAFMC	Snapper-Grouper Fishery of the South Atlantic Region	Black sea bass - Southern Atlantic Coast	No	No	No	NA	0.71	3
SAFMC	Snapper-Grouper Fishery of the South Atlantic Region	Blueline tilefish - Southern Atlantic Coast *	No	No	No	NA	1.06	4
SAFMC	Snapper-Grouper Fishery of the South Atlantic Region	Gag - Southern Atlantic Coast	Yes	Yes	No	NA	0.15	1
SAFMC	Snapper-Grouper Fishery of the South Atlantic Region	Gray triggerfish - Southern Atlantic Coast *	No	Unknown	Unknown	NA	not estimated	1.5
SAFMC	Snapper-Grouper Fishery of the South Atlantic Region	Greater amberjack - Southern Atlantic Coast	No	No	No	NA	2.10	4
SAFMC	Snapper-Grouper Fishery of the South Atlantic Region	Red grouper - Southern Atlantic Coast *	No	Yes	NA	Year 11 of 10-year plan	0.29	2

National Marine Fisheries Service - 2022 Status of U.S. Fisheries

Table A. Summary of Stock Status for FSSI Stocks

Jurisdiction	FMP	Stock	Overfishing	Overfished	Approaching Overfished	Rebuilding Program Progress	B/Bmsy	Points
SAFMC	Snapper-Grouper Fishery of the South Atlantic Region	Red porgy - Southern Atlantic Coast *	No	Yes	No	Year 24 of 19-year plan	0.27	2
SAFMC	Snapper-Grouper Fishery of the South Atlantic Region	Red snapper - Southern Atlantic Coast	Yes	Yes	NA	Year 12 of 35-year plan	0.44	1
SAFMC	Snapper-Grouper Fishery of the South Atlantic Region	Scamp - Southern Atlantic Coast	No	Unknown	Unknown	NA	not estimated	1.5
SAFMC	Snapper-Grouper Fishery of the South Atlantic Region	Snowy grouper - Southern Atlantic Coast	Yes	Yes	No	Year 17 of 34-year plan	0.36	1
SAFMC	Snapper-Grouper Fishery of the South Atlantic Region	Tilefish - Southern Atlantic Coast	No	No	No	NA	0.93	4
SAFMC	Snapper-Grouper Fishery of the South Atlantic Region	Vermilion snapper - Southern Atlantic Coast	No	No	No	NA	1.13	4
SAFMC / GMFMC	Coastal Migratory Pelagic Resources of the Gulf of Mexico and South Atlantic	Cobia - Gulf of Mexico	Yes	No	No	NA	0.69	2
SAFMC / GMFMC	Coastal Migratory Pelagic Resources of the Gulf of Mexico and South Atlantic	King mackerel - Gulf of Mexico	No	No	No	NA	0.92	4
SAFMC / GMFMC	Coastal Migratory Pelagic Resources of the Gulf of Mexico and South Atlantic	King mackerel - Southern Atlantic Coast	No	No	No	NA	1.74	4
SAFMC / GMFMC	Coastal Migratory Pelagic Resources of the Gulf of Mexico and South Atlantic	Spanish mackerel - Gulf of Mexico	No	No	No	NA	1.84	4
SAFMC / GMFMC	Coastal Migratory Pelagic Resources of the Gulf of Mexico and South Atlantic	Spanish mackerel - Southern Atlantic Coast	No	No	No	NA	1.49	4
SAFMC / GMFMC	Snapper-Grouper Fishery of the South Atlantic Region / Reef Fish Resources of the Gulf of Mexico	Black grouper - Southern Atlantic Coast / Gulf of Mexico	No	No	No	NA	1.40	4
SAFMC / GMFMC	Snapper-Grouper Fishery of the South Atlantic Region / Reef Fish Resources of the Gulf of Mexico	Mutton snapper - Southern Atlantic Coast / Gulf of Mexico	No	No	No	NA	1.13	4

National Marine Fisheries Service - 2022 Status of U.S. Fisheries

Table A. Summary of Stock Status for FSSI Stocks

Jurisdiction	FMP	Stock	Overfishing	Overfished	Approaching Overfished	Rebuilding Program Progress	B/Bmsy	Points
SAFMC / GMFMC	Snapper-Grouper Fishery of the South Atlantic Region / Reef Fish Resources of the Gulf of Mexico	Yellowtail snapper - Southern Atlantic Coast / Gulf of Mexico	No	No	No	NA	1.47	4
WPFMC	American Samoa Archipelago Ecosystem	American Samoa Bottomfish Multi-species Complex *	Yes	Yes	NA	Year 1 of 10-year plan	0.38	1
WPFMC	Hawaii Archipelago Ecosystem	Green jobfish - Main Hawaiian Islands	No	No	No	NA	2.45	4
WPFMC	Hawaii Archipelago Ecosystem	Main Hawaiian Islands Deep 7 Bottomfish Multi-species Complex *	No	No	No	NA	1.41	4
WPFMC	Hawaii Archipelago Ecosystem	Spanner crab - Main Hawaiian Islands	Unknown	Unknown	Unknown	NA	not estimated	0
WPFMC	Mariana Archipelago Ecosystem	Guam Bottomfish Multi-species Complex *	No	Yes	NA	Year 1 of 9-year plan	0.58	2
WPFMC	Mariana Archipelago Ecosystem	Northern Mariana Islands Bottomfish Multi-species Complex *	No	No	No	NA	1.08	4

National Marine Fisheries Service - 2022 Status of U.S. Fisheries

Table B. Endnotes for FSSI Stocks

Jurisdiction	Stock	Endnote
GMFMC	Gray triggerfish - Gulf of Mexico	This is the second rebuilding plan. The first plan was implemented in 2008 and the stock was targeted to rebuild by 2013 (6-year plan). In 2012, the target rebuild date was extended to 2017, but the stock failed to rebuild. A new 9-year plan was approved in 2017, but wasn't implemented until 2018 with a target year of 2025 to rebuild, so it is regarded as an 8-year plan.
GMFMC	Greater amberjack - Gulf of Mexico	This is the third rebuilding plan. The first rebuilding plan was implemented in 2003 and the stock was targeted to rebuild by 2009 (7-year plan). This plan was later extended by 3 years to rebuild by 2012 (10-year plan), but the stock failed to rebuild. A new rebuilding plan was adopted in 2015 (but not implemented until 2016) with a target rebuild date of 2018 (3-year plan). A 2016 assessment showed the stock would not rebuild by this date, so a new 10-year plan was developed in 2017 with a target rebuild date of 2027. This plan was implemented in 2018.
GMFMC	Red snapper - Gulf of Mexico	This is the second rebuilding plan. The first rebuilding plan was implemented in 1990 and the stock was targeted to rebuild by 2000 (10-year plan). In 1991 the plan was extended to rebuild by 2007 (17-year plan). In 1993, it was extended again to rebuild by 2009 (19-year plan) and in 1996, extended to rebuild by 2019 (29-year plan). A new 31-year rebuilding plan was scheduled for implementation in 2001 with a target rebuild date of 2032. This plan was not implemented until 2005 so is regarded as a 28-year rebuilding plan.
GMFMC	Tilefish - Gulf of Mexico	The most recent assessment for tilefish - Gulf of Mexico (2011) used overfished criteria that have been determined to be the Best Scientific Information Available (BSIA), but a minimum stock size threshold (MSST) has not been adopted in the fishery management plan. Since the stock size is above the biomass target (Bmsy), the stock is presumably not overfished.
GMFMC	Yellowedge grouper - Gulf of Mexico	The most recent assessment for yellowedge grouper - Gulf of Mexico (2010) used overfished criteria that have been determined to be the Best Scientific Information Available (BSIA), but a minimum stock size threshold (MSST) has not been adopted in the fishery management plan. Since the stock size is above the biomass target (Bmsy), the stock is presumably not overfished.
MAFMC	Northern shortfin squid - Northwestern Atlantic Coast	Although Northern shortfin squid 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 (2005).
NEFMC	Atlantic cod - Georges Bank	The overfishing status of Georges Bank cod is based on the results of the stock assessment completed in 2013 and the overfished status is based on the results of the stock assessment completed in 2021. While quantitative estimates of stock size compared to the overfished threshold could not be estimated, the stock was determined to be overfished based on qualitative information that the stock is in poor shape.
NEFMC	Atlantic cod - Gulf of Maine	This is the second rebuilding plan. The first rebuilding plan was implemented in 2004 and the stock was targeted to rebuild by 2014 (10-year rebuilding plan). A new 10-year plan was implemented in 2014 and the stock is targeted to rebuild by 2024.
NEFMC	Atlantic halibut - Northwestern Atlantic Coast	The status of Atlantic halibut is based on the results of the stock assessment completed in 2012. Although the stock assessment conducted in 2015 was rejected, reviewers felt confident that the stock remains overfished. First and second derivative assessments were conducted in 2018, 2019, and 2020 but were not used to support overfishing or overfished stock status determinations.
NEFMC	White hake - Gulf of Maine / Georges Bank	A revised rebuilding plan was implemented for white hake in July 2021, with a target year of 2031 to rebuild. The first rebuilding plan was implemented in 2004, but the stock failed to rebuild under that plan.

National Marine Fisheries Service - 2022 Status of U.S. Fisheries

Table B. Endnotes for FSSI Stocks

Jurisdiction	Stock	Endnote
NEFMC	Winter flounder - Southern New England / Mid-Atlantic	Southern New England/Mid-Atlantic winter flounder was determined to be rebuilt in 2022, based on stock size compared to a newly estimated biomass target. This new biomass target is significantly less than previous estimates because it is regarded as more representative of the current conditions that has resulted in decreased productivity. Despite a determination that the stock is rebuilt, it remains in poor condition and there is an overall decline in spawning stock biomass, even in the absence of overfishing.
NEFMC	Witch flounder - Northwestern Atlantic Coast	This is the second rebuilding plan. The first rebuilding plan was implemented in 2010 and targeted to rebuild by 2017, but the stock failed to rebuild under the first plan. A new benchmark assessment finalized in 2017 rejected the model previously used to support stock status (VPA model), as well as a new model that was attempted (ASAP model). As a result, there were unreliable indicators to recommend overfishing status so the overfishing status is now unknown. There are no reliable numerical estimates of stock size, but the conclusion that the stock is at historically low levels and other indicators support maintaining the stock as overfished. Update assessments finalized in late 2017 and 2019 support the same results as the benchmark assessment finalized in early 2017.
NEFMC	Yellowtail flounder - Southern New England / Mid-Atlantic	Southern New England / Mid-Atlantic yellowtail flounder was previously rebuilt in 2012 under a rebuilding plan. This stock was declared overfished again in 2017 and a new 10-year rebuilding plan was implemented in 2019.
NEFMC / MAFMC	Goosefish - Gulf of Maine / Northern Georges Bank	The overfishing and overfished status were changed to unknown in 2022 because the assessment that supported stock status used an ageing method that was later determined to be inappropriate for monkfish. An index-based method is currently used for catch advice, but does not support a new stock status determination.
NEFMC / MAFMC	Goosefish - Southern Georges Bank / Mid-Atlantic	The overfishing and overfished status were changed to unknown in 2022 because the assessment that supported stock status used an aging method that was later determined to be inappropriate for monkfish. An index-based method is currently used for catch advice, but does not support a new stock status determination.
NPFMC	Golden king crab - Aleutian Islands	The status of this stock is based on the assessment of two stocks - Eastern and Western Aleutian Islands golden king crab stocks.
NPFMC	Snow crab - Bering Sea	The North Pacific Fishery Management Council (NPFMC) was notified on October 19, 2021 that this stock is overfished. The NPFMC has two years from this date to implement a rebuilding plan for Bering Sea snow crab.
NPFMC	Bering Sea / Aleutian Islands Flathead Sole Complex	Bering Sea / Aleutian Islands Flathead Sole Complex 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.
NPFMC	Bering Sea / Aleutian Islands Rock Sole Complex	Rock Sole Complex consists of Northern Rock Sole and 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.
NPFMC	Bering Sea / Aleutian Islands Skate Complex	The Skate Complex consists of 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. Alaska skate is assessed and is the indicator species for this complex.

National Marine Fisheries Service - 2022 Status of U.S. Fisheries

Table B. Endnotes for FSSI Stocks

Jurisdiction	Stock	Endnote
NPFMC	Sablefish - Eastern Bering Sea / Aleutian Islands / Gulf of Alaska	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.
NPFMC	Gulf of Alaska Blackspotted and Rougheye Rockfish Complex	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.
NPFMC	Gulf of Alaska Demersal Shelf Rockfish Complex	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 in the Southeast Outside district only. 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.
NPFMC	Gulf of Alaska Shallow Water Flatfish Complex	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, Rock Sole, Speckled Sanddab, Starry Flounder, and Yellowfin Sole. Northern Rock Sole and Rock Sole are the indicator species for this complex. The overfishing determination is based on the OFL, which is computed by using abundance estimates of the complex. A single, assemblage-wide OFL is specified, but overfishing was not defined for the "other" shallow-water flatfish stocks per se, because they are part of the overall shallow-water flatfish assemblage.
NPFMC	Gulf of Alaska Thornyhead Rockfish Complex	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.
PPMC	Pacific chub mackerel - Pacific Coast	The assessment for Pacific chub mackerel does not provide an estimate of Bmsy because stock size is largely driven by environmental factors; however, if stock size is at least 3 times the minimum stock size threshold (MSST), harvest is allowed and the stock size is regarded as well above target levels. The most recent stock assessment indicates chub mackerel is currently at least 3 times the MSST.
PPMC	Pacific sardine - Northern Subpopulation	The fishery for Pacific sardine has been closed since 2015. Although Bmsy is not estimated, the stock is below the minimum stock size threshold (overfished threshold).
PPMC	California Blue and Deacon Rockfish Complex	The stock assessment includes a combined assessment of both blue rockfish and deacon rockfish.
PPMC	Oregon Blue and Deacon Rockfish Complex	The stock assessment includes a combined assessment of both blue rockfish and deacon rockfish.
PPMC	Shortbelly rockfish - Pacific Coast	Effective January 1, 2021, shortbelly rockfish was designated as an ecosystem component species in the Pacific coast groundfish fishery management plan. This stock will continue to be retained in the FSSI until further notice.
PPMC	Stripetail rockfish - Pacific Coast	While there are no point estimates for stock size compared to Bmsy, the stock assessment results indicate that the stock is well above the target level, and possibly close to an unfished level.

National Marine Fisheries Service - 2022 Status of U.S. Fisheries

Table B. Endnotes for FSSI Stocks

Jurisdiction	Stock	Endnote
PFMC	Chinook salmon - Northern California Coast: Klamath River Fall	Klamath River Fall Chinook was declared overfished in June 2018. Although the effective date of the rebuilding plan was December 28, 2020, status quo management measures were determined to satisfy the requirements of a rebuilding plan so the first year of the rebuilding plan is regarded as June 2019.
SAFMC	Blueline tilefish - Southern Atlantic Coast	The most recent stock assessment (2017) provided information on stock status from Key West, FL to Cape Hatteras, NC. The stock assessment did not provide overfishing and overfished stock status information on the portion of the stock between Cape Hatteras and the NC/VA border and the status of this portion is unknown. The South Atlantic Fishery Management Council has management authority over this stock from Key West to the NC/VA border.
SAFMC	Gray triggerfish - Southern Atlantic Coast	This stock was assessed in 2016, but the results were too uncertain to be used for recommending overfishing or overfished stock status determinations.
SAFMC	Red grouper - Southern Atlantic Coast	Although the rebuilding target date has passed, rebuilding measures are still in place until a new rebuilding plan is developed.
SAFMC	Red porgy - Southern Atlantic Coast	A new 26-year rebuilding plan will be effective January 19, 2023.
WPFMC	American Samoa Bottomfish Multi-species Complex	This complex contains 11 species including one emperor: spotcheek emperor; one grouper: yellow-edged lyretail; one jack: black jack; and eight snappers: common bluestripe snapper, crimson jobfish, golden eye jobfish, green jobfish, flame snapper, oblique-banded snapper, ruby snapper, and rusty jobfish. The Western Pacific Fishery Management Council (WPFMC) was notified on February 10, 2020 that this stock complex is overfished. The WPFMC has two years from this date to implement a rebuilding plan for the American Samoa Bottomfish Multi-Species Complex.
WPFMC	Main Hawaiian Islands Deep 7 Bottomfish Multi-species Complex	This complex contains 7 species including one grouper: Hawaiian grouper and six snappers: crimson jobfish, flame snapper, oblique-banded snapper, lavender jobfish, ruby snapper, and rusty jobfish.
WPFMC	Guam Bottomfish Multi-species Complex	This complex contains 13 species including one emperor: spotcheek emperor; one grouper: yellow-edged lyretail; two jacks: black jack and giant trevally; and nine snappers: common bluestripe snapper, crimson jobfish, flame snapper, golden eye jobfish, goldflag jobfish, lavender jobfish, oblique-banded snapper, ruby snapper, and rusty jobfish. The Western Pacific Fishery Management Council (WPFMC) was notified on February 10, 2020 that this stock complex is overfished. The WPFMC has two years from this date to implement a rebuilding plan for the Guam Bottomfish Multi-Species Complex.
WPFMC	Northern Mariana Islands Bottomfish Multi-species Complex	This complex contains 13 species including one emperor: spotcheek emperor; one grouper: yellow-edged lyretail; two jacks: black jack and giant trevally; and nine snappers: common bluestripe snapper, crimson jobfish, flame snapper, golden eye jobfish, goldflag jobfish, lavender jobfish, oblique-banded snapper, ruby snapper, and rusty jobfish.

National Marine Fisheries Service - 2022 Status of U.S. Fisheries

Table C. Summary of Stock Status for non-FSSI Stocks

Jurisdiction	FMP	Stock	Overfishing	Overfished	Approaching Overfished	Rebuilding Program Progress
Atlantic HMS	Consolidated Atlantic Highly Migratory Species	Albacore - North Atlantic	No	No	No	NA
Atlantic HMS	Consolidated Atlantic Highly Migratory Species	Bigeye tuna - Atlantic *	No	Yes	NA	Year 24 of plan
Atlantic HMS	Consolidated Atlantic Highly Migratory Species	Blacknose shark - Gulf of Mexico	Unknown	Unknown	Unknown	NA
Atlantic HMS	Consolidated Atlantic Highly Migratory Species	Blue marlin - Atlantic *	Yes	Yes	NA	Year 22 of 28-year plan
Atlantic HMS	Consolidated Atlantic Highly Migratory Species	Blue shark - North Atlantic	No	No	No	NA
Atlantic HMS	Consolidated Atlantic Highly Migratory Species	Bluefin tuna - Western Atlantic *	No	Unknown	Unknown	NA
Atlantic HMS	Consolidated Atlantic Highly Migratory Species	Bonnethead - Atlantic	Unknown	Unknown	Unknown	NA
Atlantic HMS	Consolidated Atlantic Highly Migratory Species	Bonnethead - Gulf of Mexico	Unknown	Unknown	Unknown	NA
Atlantic HMS	Consolidated Atlantic Highly Migratory Species	Bull shark - Atlantic and Gulf of Mexico	Unknown	Unknown	Unknown	NA
Atlantic HMS	Consolidated Atlantic Highly Migratory Species	Dusky shark - Atlantic and Gulf of Mexico	Yes	Yes	NA	Year 15 of 100-year plan
Atlantic HMS	Consolidated Atlantic Highly Migratory Species	Gulf Smoothhound Complex *	No	No	No	NA
Atlantic HMS	Consolidated Atlantic Highly Migratory Species	Longbill spearfish - Western Atlantic	Unknown	Unknown	Unknown	NA
Atlantic HMS	Consolidated Atlantic Highly Migratory Species	Nurse shark - Atlantic and Gulf of Mexico	Unknown	Unknown	Unknown	NA
Atlantic HMS	Consolidated Atlantic Highly Migratory Species	Oceanic whitetip shark - Atlantic and Gulf of Mexico	Unknown	Unknown	Unknown	NA
Atlantic HMS	Consolidated Atlantic Highly Migratory Species	Porbeagle - Northwestern Atlantic *	No	Yes	NA	Year 15 of 100-year plan
Atlantic HMS	Consolidated Atlantic Highly Migratory Species	Prohibited Species *	Unknown	Unknown	Unknown	NA
Atlantic HMS	Consolidated Atlantic Highly Migratory Species	Roundscale spearfish - Atlantic	Unknown	Unknown	Unknown	NA



National Marine Fisheries Service - 2022 Status of U.S. Fisheries

Table C. Summary of Stock Status for non-FSSI Stocks

Jurisdiction	FMP	Stock	Overfishing	Overfished	Approaching Overfished	Rebuilding Program Progress
Atlantic HMS	Consolidated Atlantic Highly Migratory Species	Sailfish - Western Atlantic *	No	No - Rebuilding	No	Year 24 of plan
Atlantic HMS	Consolidated Atlantic Highly Migratory Species	Shortfin mako - North Atlantic *	Yes	Yes	NA	Year 4 of plan
Atlantic HMS	Consolidated Atlantic Highly Migratory Species	Silky shark - Atlantic and Gulf of Mexico	Unknown	Unknown	Unknown	NA
Atlantic HMS	Consolidated Atlantic Highly Migratory Species	Skipjack tuna - Western Atlantic	No	No	No	NA
Atlantic HMS	Consolidated Atlantic Highly Migratory Species	Spinner shark - Atlantic and Gulf of Mexico	Unknown	Unknown	Unknown	NA
Atlantic HMS	Consolidated Atlantic Highly Migratory Species	Swordfish - North Atlantic	No	No	NA	NA
Atlantic HMS	Consolidated Atlantic Highly Migratory Species	Thresher shark - Atlantic and Gulf of Mexico	Unknown	Unknown	Unknown	NA
Atlantic HMS	Consolidated Atlantic Highly Migratory Species	Tiger shark - Atlantic and Gulf of Mexico	Unknown	Unknown	Unknown	NA
Atlantic HMS	Consolidated Atlantic Highly Migratory Species	White marlin - Atlantic *	No	Yes	No	Year 22 of plan
Atlantic HMS	Consolidated Atlantic Highly Migratory Species	Yellowfin tuna - Atlantic	No	No	No	NA
CFMC	Comprehensive FMP for Puerto Rico in the EEZ	Puerto Rico Snapper 1 Complex *	No	Unknown	Unknown	NA
CFMC	Comprehensive FMP for Puerto Rico in the EEZ	Puerto Rico Snapper 2 Complex *	No	Unknown	Unknown	NA
CFMC	Comprehensive FMP for Puerto Rico in the EEZ	Puerto Rico lane snapper	No	Unknown	Unknown	NA
CFMC	Comprehensive FMP for Puerto Rico in the EEZ	Puerto Rico Snapper 4 Complex *	No	Unknown	Unknown	NA
CFMC	Comprehensive FMP for Puerto Rico in the EEZ	Puerto Rico yellowtail snapper	No	Unknown	Unknown	NA
CFMC	Comprehensive FMP for Puerto Rico in the EEZ	Puerto Rico cubera snapper	No	Unknown	Unknown	NA
CFMC	Comprehensive FMP for Puerto Rico in the EEZ	Puerto Rico Grouper 3 Complex *	No	Unknown	Unknown	NA

National Marine Fisheries Service - 2022 Status of U.S. Fisheries  
Table C. Summary of Stock Status for non-FSSI Stocks

Jurisdiction	FMP	Stock	Overfishing	Overfished	Approaching Overfished	Rebuilding Program Progress
CFMC	Comprehensive FMP for Puerto Rico in the EEZ	Puerto Rico Grouper 4 Complex *	No	Unknown	Unknown	NA
CFMC	Comprehensive FMP for Puerto Rico in the EEZ	Puerto Rico Grouper 5 Complex *	No	Unknown	Unknown	NA
CFMC	Comprehensive FMP for Puerto Rico in the EEZ	Puerto Rico Grouper 6 Complex *	No	Unknown	Unknown	NA
CFMC	Comprehensive FMP for Puerto Rico in the EEZ	Puerto Rico white grunt	No	Unknown	Unknown	NA
CFMC	Comprehensive FMP for Puerto Rico in the EEZ	Puerto Rico Prohibited Parrotfishes Complex *	No	Unknown	Unknown	NA
CFMC	Comprehensive FMP for Puerto Rico in the EEZ	Puerto Rico Parrotfishes Complex *	No	Unknown	Unknown	NA
CFMC	Comprehensive FMP for Puerto Rico in the EEZ	Puerto Rico Angelfishes Complex *	No	Unknown	Unknown	NA
CFMC	Comprehensive FMP for Puerto Rico in the EEZ	Puerto Rico Surgeonfishes Complex *	No	Unknown	Unknown	NA
CFMC	Comprehensive FMP for Puerto Rico in the EEZ	Puerto Rico Triggerfishes Complex *	No	Unknown	Unknown	NA
CFMC	Comprehensive FMP for Puerto Rico in the EEZ	Puerto Rico hogfish	No	Unknown	Unknown	NA
CFMC	Comprehensive FMP for Puerto Rico in the EEZ	Puerto Rico Wrasses 2 Complex *	No	Unknown	Unknown	NA
CFMC	Comprehensive FMP for Puerto Rico in the EEZ	Puerto Rico crevalle jack	No	Unknown	Unknown	NA
CFMC	Comprehensive FMP for Puerto Rico in the EEZ	Puerto Rico African pompano	No	Unknown	Unknown	NA
CFMC	Comprehensive FMP for Puerto Rico in the EEZ	Puerto Rico rainbow runner	No	Unknown	Unknown	NA
CFMC	Comprehensive FMP for Puerto Rico in the EEZ	Puerto Rico Dolphinfin Complex *	No	Unknown	Unknown	NA
CFMC	Comprehensive FMP for Puerto Rico in the EEZ	Puerto Rico wahoo	No	Unknown	Unknown	NA
CFMC	Comprehensive FMP for Puerto Rico in the EEZ	Puerto Rico Tunas Complex *	No	Unknown	Unknown	NA

## National Marine Fisheries Service - 2022 Status of U.S. Fisheries

Table C. Summary of Stock Status for non-FSSI Stocks

Jurisdiction	FMP	Stock	Overfishing	Overfished	Approaching Overfished	Rebuilding Program Progress
CFMC	Comprehensive FMP for Puerto Rico in the EEZ	Puerto Rico Mackerels Complex *	No	Unknown	Unknown	NA
CFMC	Comprehensive FMP for Puerto Rico in the EEZ	Puerto Rico tripletail	No	Unknown	Unknown	NA
CFMC	Comprehensive FMP for Puerto Rico in the EEZ	Puerto Rico great barracuda	No	Unknown	Unknown	NA
CFMC	Comprehensive FMP for Puerto Rico in the EEZ	Puerto Rico giant manta ray	No	Unknown	Unknown	NA
CFMC	Comprehensive FMP for Puerto Rico in the EEZ	Puerto Rico spotted eagle ray	No	Unknown	Unknown	NA
CFMC	Comprehensive FMP for Puerto Rico in the EEZ	Puerto Rico southern stingray	No	Unknown	Unknown	NA
CFMC	Comprehensive FMP for St. Croix in the EEZ	STC Snapper 1 Complex *	No	Unknown	Unknown	NA
CFMC	Comprehensive FMP for St. Croix in the EEZ	STC queen snapper	No	Unknown	Unknown	NA
CFMC	Comprehensive FMP for St. Croix in the EEZ	STC Snapper 3 Complex *	No	Unknown	Unknown	NA
CFMC	Comprehensive FMP for St. Croix in the EEZ	STC mutton snapper	No	Unknown	Unknown	NA
CFMC	Comprehensive FMP for St. Croix in the EEZ	STC schoolmaster	No	Unknown	Unknown	NA
CFMC	Comprehensive FMP for St. Croix in the EEZ	STC yellowtail snapper	No	Unknown	Unknown	NA
CFMC	Comprehensive FMP for St. Croix in the EEZ	STC Grouper 3 Complex *	No	Unknown	Unknown	NA
CFMC	Comprehensive FMP for St. Croix in the EEZ	STC Grouper 4 Complex *	No	Unknown	Unknown	NA
CFMC	Comprehensive FMP for St. Croix in the EEZ	STC Grouper 5 Complex *	No	Unknown	Unknown	NA
CFMC	Comprehensive FMP for St. Croix in the EEZ	STC misty grouper	No	Unknown	Unknown	NA
CFMC	Comprehensive FMP for St. Croix in the EEZ	STC Grunts Complex *	No	Unknown	Unknown	NA
CFMC	Comprehensive FMP for St. Croix in the EEZ	STC Prohibited Parrotfishes Complex *	No	Unknown	Unknown	NA
CFMC	Comprehensive FMP for St. Croix in the EEZ	STC Parrotfishes Complex *	No	Unknown	Unknown	NA
CFMC	Comprehensive FMP for St. Croix in the EEZ	STC Angelfishes Complex *	No	Unknown	Unknown	NA
CFMC	Comprehensive FMP for St. Croix in the EEZ	STC Surgeonfishes Complex *	No	Unknown	Unknown	NA
CFMC	Comprehensive FMP for St. Croix in the EEZ	STC queen triggerfish	No	Unknown	Unknown	NA
CFMC	Comprehensive FMP for St. Croix in the EEZ	STC longspine squirrelfish	No	Unknown	Unknown	NA
CFMC	Comprehensive FMP for St. Croix in the EEZ	STC dolphin	No	Unknown	Unknown	NA
CFMC	Comprehensive FMP for St. Croix in the EEZ	STC wahoo	No	Unknown	Unknown	NA
CFMC	Comprehensive FMP for St. Thomas / St. John in the EEZ	STT/STJ Snapper 1 Complex *	No	Unknown	Unknown	NA

National Marine Fisheries Service - 2022 Status of U.S. Fisheries  
Table C. Summary of Stock Status for non-FSSI Stocks

Jurisdiction	FMP	Stock	Overfishing	Overfished	Approaching Overfished	Rebuilding Program Progress
CFMC	Comprehensive FMP for St. Thomas / St. John in the EEZ	STT/STJ queen snapper	No	Unknown	Unknown	NA
CFMC	Comprehensive FMP for St. Thomas / St. John in the EEZ	STT/STJ Snapper 3 Complex *	No	Unknown	Unknown	NA
CFMC	Comprehensive FMP for St. Thomas / St. John in the EEZ	STT/STJ yellowtail snapper	No	Unknown	Unknown	NA
CFMC	Comprehensive FMP for St. Thomas / St. John in the EEZ	STT/STJ Grouper 3 Complex *	No	Unknown	Unknown	NA
CFMC	Comprehensive FMP for St. Thomas / St. John in the EEZ	STT/STJ Grouper 4 Complex *	No	Unknown	Unknown	NA
CFMC	Comprehensive FMP for St. Thomas / St. John in the EEZ	STT/STJ Grouper 5 Complex *	No	Unknown	Unknown	NA
CFMC	Comprehensive FMP for St. Thomas / St. John in the EEZ	STT/STJ Grunts 1 Complex *	No	Unknown	Unknown	NA
CFMC	Comprehensive FMP for St. Thomas / St. John in the EEZ	STT/STJ margate	No	Unknown	Unknown	NA
CFMC	Comprehensive FMP for St. Thomas / St. John in the EEZ	STT/STJ Prohibited Parrotfishes Complex *	No	Unknown	Unknown	NA
CFMC	Comprehensive FMP for St. Thomas / St. John in the EEZ	STT/STJ Parrotfishes Complex *	No	Unknown	Unknown	NA
CFMC	Comprehensive FMP for St. Thomas / St. John in the EEZ	STT/STJ Angelfishes Complex *	No	Unknown	Unknown	NA
CFMC	Comprehensive FMP for St. Thomas / St. John in the EEZ	STT/STJ Surgeonfishes Complex *	No	Unknown	Unknown	NA
CFMC	Comprehensive FMP for St. Thomas / St. John in the EEZ	STT/STJ queen triggerfish	No	Unknown	Unknown	NA
CFMC	Comprehensive FMP for St. Thomas / St. John in the EEZ	STT/STJ hogfish	No	Unknown	Unknown	NA
CFMC	Comprehensive FMP for St. Thomas / St. John in the EEZ	STT/STJ Porgies Complex *	No	Unknown	Unknown	NA
CFMC	Comprehensive FMP for St. Thomas / St. John in the EEZ	STT/STJ blue runner	No	Unknown	Unknown	NA
CFMC	Comprehensive FMP for St. Thomas / St. John in the EEZ	STT/STJ dolphin	No	Unknown	Unknown	NA

National Marine Fisheries Service - 2022 Status of U.S. Fisheries

Table C. Summary of Stock Status for non-FSSI Stocks

Jurisdiction	FMP	Stock	Overfishing	Overfished	Approaching Overfished	Rebuilding Program Progress
CFMC	Comprehensive FMP for St. Thomas / St. John in the EEZ	STT/STJ wahoo	No	Unknown	Unknown	NA
CFMC	Comprehensive FMP for Puerto Rico in the EEZ/Comprehensive FMP for St. Croix in the EEZ/Comprehensive FMP for St. Thomas / St. John in the EEZ	Queen conch - Caribbean	No	Yes	NA	Year 17 of 15-year plan
CFMC	Comprehensive FMP for Puerto Rico in the EEZ/Comprehensive FMP for St. Croix in the EEZ/Comprehensive FMP for St. Thomas / St. John in the EEZ	Goliath grouper - Caribbean	No	Yes	NA	Year 17 of 30-year plan
CFMC	Comprehensive FMP for Puerto Rico in the EEZ/Comprehensive FMP for St. Croix in the EEZ/Comprehensive FMP for St. Thomas / St. John in the EEZ	Nassau grouper - Caribbean	No	Yes	NA	Year 17 of 25-year plan
GMFMC	Coral and Coral Reefs of the Gulf of Mexico	Black corals (Antipatharia) - Gulf of Mexico *	No	Unknown	Unknown	NA
GMFMC	Coral and Coral Reefs of the Gulf of Mexico	Fire corals (Milleporidae) - Gulf of Mexico *	No	Unknown	Unknown	NA
GMFMC	Coral and Coral Reefs of the Gulf of Mexico	Hydrocorals (Stylasteridae) - Gulf of Mexico *	No	Unknown	Unknown	NA
GMFMC	Coral and Coral Reefs of the Gulf of Mexico	Sea fans (Gorgonia spp.) - Gulf of Mexico *	No	Unknown	Unknown	NA
GMFMC	Coral and Coral Reefs of the Gulf of Mexico	Stony corals (Scleractinia) - Gulf of Mexico *	No	Unknown	Unknown	NA
GMFMC	Red Drum Fishery of the Gulf of Mexico	Red drum - Gulf of Mexico	No	Unknown	Unknown	NA
GMFMC	Reef Fish Resources of the Gulf of Mexico	Cubera snapper - Gulf of Mexico	Yes	Unknown	Unknown	NA
GMFMC	Reef Fish Resources of the Gulf of Mexico	Gulf of Mexico Deep Water Grouper Complex *	No	Unknown	Unknown	NA
GMFMC	Reef Fish Resources of the Gulf of Mexico	Gulf of Mexico Jacks Complex *	Yes	Unknown	Unknown	NA
GMFMC	Reef Fish Resources of the Gulf of Mexico	Gulf of Mexico Mid-Water Snapper Complex *	Yes	Unknown	Unknown	NA
GMFMC	Reef Fish Resources of the Gulf of Mexico	Gulf of Mexico Shallow Water Grouper Complex *	Unknown	Unknown	Unknown	NA
GMFMC	Reef Fish Resources of the Gulf of Mexico	Gulf of Mexico Tilefishes Complex *	No	Unknown	Unknown	NA

## National Marine Fisheries Service - 2022 Status of U.S. Fisheries

Table C. Summary of Stock Status for non-FSSI Stocks

Jurisdiction	FMP	Stock	Overfishing	Overfished	Approaching Overfished	Rebuilding Program Progress
MAFMC	Mackerel, Squid and Butterfish	Atlantic chub mackerel - Mid-Atlantic Coast	Unknown	Unknown	Unknown	NA
MAFMC	Tilefish	Blueline tilefish - Mid-Atlantic Coast	Unknown	Unknown	Unknown	NA
NEFMC	Atlantic Salmon	Atlantic salmon - Gulf of Maine *	No	Yes	NA	NA
NEFMC	Deep-Sea Red Crab	Red deepsea crab - Northwestern Atlantic *	No	Unknown	Unknown	NA
NEFMC	Northeast Multispecies	Atlantic wolffish - Gulf of Maine / Georges Bank *	No	Yes	No	Year 13 of plan
NEFMC	Northeast Multispecies	Ocean pout - Northwestern Atlantic Coast *	No	Yes	No	Year 4 of 10-year plan
NEFMC	Northeast Multispecies	Offshore hake - Northwestern Atlantic Coast	Unknown	Unknown	Unknown	NA
NEFMC	Northeast Multispecies	Red hake - Gulf of Maine / Northern Georges Bank *	No	No	No	NA
NEFMC	Northeast Multispecies	Windowpane - Gulf of Maine / Georges Bank *	No	Yes	NA	Year 4 of 10-year plan
NEFMC	Northeast Multispecies	Windowpane - Southern New England / Mid-Atlantic	No	No	No	NA
NEFMC	Northeast Multispecies	Yellowtail flounder - Georges Bank *	Unknown	Yes	NA	Year 16 of 26-year plan
NEFMC	Northeast Skate Complex	Barndoor skate - Georges Bank / Southern New England	No	No	No	NA
NEFMC	Northeast Skate Complex	Clearnose skate - Southern New England / Mid-Atlantic	No	No	No	NA
NEFMC	Northeast Skate Complex	Rosette skate - Southern New England / Mid-Atlantic	No	No	No	NA
NEFMC	Northeast Skate Complex	Smooth skate - Gulf of Maine	No	No	No	NA
NEFMC	Northeast Skate Complex	Thorny skate - Gulf of Maine	No	Yes	NA	Year 19 of 25-year plan
NPFMC	Bering Sea/Aleutian Islands King and Tanner Crabs	Blue king crab - Pribilof Islands *	No	Yes	NA	Year 8 of plan
NPFMC	Bering Sea/Aleutian Islands King and Tanner Crabs	Blue king crab - Saint Matthew Island	No	Yes	NA	Year 2 of 26-year plan

National Marine Fisheries Service - 2022 Status of U.S. Fisheries

Table C. Summary of Stock Status for non-FSSI Stocks

Jurisdiction	FMP	Stock	Overfishing	Overfished	Approaching Overfished	Rebuilding Program Progress
NPFMC	Bering Sea/Aleutian Islands King and Tanner Crabs	Golden king crab - Pribilof Islands	No	Unknown	Unknown	NA
NPFMC	Bering Sea/Aleutian Islands King and Tanner Crabs	Red king crab - Pribilof Islands	No	No	No	NA
NPFMC	Bering Sea/Aleutian Islands King and Tanner Crabs	Red king crab - Western Aleutian Islands	No	Unknown	Unknown	NA
NPFMC	Fish Resources of the Arctic Management Area	Arctic cod - Arctic Management Area *	No	Unknown	Unknown	NA
NPFMC	Fish Resources of the Arctic Management Area	Saffron cod - Arctic Management Area *	No	Unknown	Unknown	NA
NPFMC	Fish Resources of the Arctic Management Area	Snow crab - Arctic Management Area *	No	Unknown	Unknown	NA
NPFMC	Groundfish of the Bering Sea and Aleutian Islands Management Area	Bering Sea / Aleutian Islands Blackspotted and Rougheye Rockfish Complex *	No	No	No	NA
NPFMC	Groundfish of the Bering Sea and Aleutian Islands Management Area	Bering Sea / Aleutian Islands Octopus Complex *	No	Unknown	Unknown	NA
NPFMC	Groundfish of the Bering Sea and Aleutian Islands Management Area	Bering Sea / Aleutian Islands Other Flatfish Complex *	No	Unknown	Unknown	NA
NPFMC	Groundfish of the Bering Sea and Aleutian Islands Management Area	Bering Sea / Aleutian Islands Other Rockfish Complex *	No	Unknown	Unknown	NA
NPFMC	Groundfish of the Bering Sea and Aleutian Islands Management Area	Bering Sea / Aleutian Islands Shark Complex *	No	Unknown	Unknown	NA
NPFMC	Groundfish of the Bering Sea and Aleutian Islands Management Area	Shortraker rockfish - Bering Sea / Aleutian Islands	No	Unknown	Unknown	NA
NPFMC	Groundfish of the Gulf of Alaska	Atka mackerel - Gulf of Alaska	No	Unknown	Unknown	NA
NPFMC	Groundfish of the Gulf of Alaska	Big skate - Gulf of Alaska	No	Unknown	Unknown	NA
NPFMC	Groundfish of the Gulf of Alaska	Gulf of Alaska Deepwater Flatfish Complex *	No	No	No	NA
NPFMC	Groundfish of the Gulf of Alaska	Gulf of Alaska Octopus Complex *	No	Unknown	Unknown	NA
NPFMC	Groundfish of the Gulf of Alaska	Gulf of Alaska Other Rockfish Complex *	No	Unknown	Unknown	NA
NPFMC	Groundfish of the Gulf of Alaska	Gulf of Alaska Shark Complex *	No	Unknown	Unknown	NA
NPFMC	Groundfish of the Gulf of Alaska	Gulf of Alaska Skate Complex *	No	Unknown	Unknown	NA
NPFMC	Groundfish of the Gulf of Alaska	Longnose skate - Gulf of Alaska	No	Unknown	Unknown	NA
NPFMC	Groundfish of the Gulf of Alaska	Walleye pollock - Southeast Gulf of Alaska	No	Unknown	Unknown	NA

## National Marine Fisheries Service - 2022 Status of U.S. Fisheries

Table C. Summary of Stock Status for non-FSSI Stocks

Jurisdiction	FMP	Stock	Overfishing	Overfished	Approaching Overfished	Rebuilding Program Progress
NPFMC	Salmon Fisheries in the EEZ off the Coast of Alaska	Alaska Coho Salmon Assemblage *	No	No	No	NA
NPFMC	Salmon Fisheries in the EEZ off the Coast of Alaska	Chinook salmon - Eastern North Pacific Far North Migrating	No	No	No	NA
NPFMC	Scallop Fishery off Alaska	Weathered scallop - Alaska	No	Unknown	Unknown	NA
PFMC	Coastal Pelagic Species	Jack mackerel - Pacific Coast	No	Unknown	Unknown	NA
PFMC	Coastal Pelagic Species	Krill (Euphausiacea) - Pacific Coast	Unknown	Unknown	Unknown	NA
PFMC	Coastal Pelagic Species	Northern anchovy - Northern Pacific Coast	No	Unknown	Unknown	NA
PFMC	Coastal Pelagic Species	Opalescent inshore squid - Pacific Coast	Unknown	Unknown	Unknown	NA
PFMC	Pacific Coast Groundfish	Black rockfish - Washington	No	No	No	NA
PFMC	Pacific Coast Groundfish	China rockfish - Central Pacific Coast	Unknown	No	No	NA
PFMC	Pacific Coast Groundfish	China rockfish - Northern Pacific Coast	Unknown	No	No	NA
PFMC	Pacific Coast Groundfish	China rockfish - Southern Pacific Coast	Unknown	No	No	NA
PFMC	Pacific Coast Groundfish	Copper rockfish - Pacific Coast	Unknown	No	No	NA
PFMC	Pacific Coast Groundfish	Greenspotted rockfish - Pacific Coast	Unknown	No	No	NA
PFMC	Pacific Coast Groundfish	Greenstriped rockfish - Pacific Coast	Unknown	No	No	NA
PFMC	Pacific Coast Groundfish	Minor Nearshore Rockfish North *	No	Unknown	Unknown	NA
PFMC	Pacific Coast Groundfish	Minor Nearshore Rockfish South *	No	Unknown	Unknown	NA
PFMC	Pacific Coast Groundfish	Minor Shelf Rockfish North *	No	Unknown	Unknown	NA
PFMC	Pacific Coast Groundfish	Minor Shelf Rockfish South *	No	Unknown	Unknown	NA
PFMC	Pacific Coast Groundfish	Minor Slope Rockfish North *	No	Unknown	Unknown	NA
PFMC	Pacific Coast Groundfish	Minor Slope Rockfish South *	No	Unknown	Unknown	NA
PFMC	Pacific Coast Groundfish	Other Fish *	No	Unknown	Unknown	NA
PFMC	Pacific Coast Groundfish	Other Flatfish *	No	Unknown	Unknown	NA
PFMC	Pacific Coast Groundfish	Pacific Coast Blackspotted and Rougheye Rockfish Complex *	Unknown	No	No	NA
PFMC	Pacific Coast Groundfish	Pacific cod - Pacific Coast	No	Unknown	Unknown	NA
PFMC	Pacific Coast Groundfish	Pacific hake - Pacific Coast	No	No	No	NA
PFMC	Pacific Coast Groundfish	Splitnose rockfish - Pacific Coast	No	No	No	NA
PFMC	Pacific Coast Groundfish	Starry flounder - Pacific Coast	No	No	Unknown	NA



## National Marine Fisheries Service - 2022 Status of U.S. Fisheries

Table C. Summary of Stock Status for non-FSSI Stocks

Jurisdiction	FMP	Stock	Overfishing	Overfished	Approaching Overfished	Rebuilding Program Progress
PFMC	Pacific Coast Groundfish	Yelloweye rockfish - Pacific Coast	No	No - Rebuilding	No	Year 18 of 25-year plan
PFMC	Pacific Coast Salmon	Chinook salmon - California Central Valley: Sacramento River Spring **	NA Exception 2	NA Exception 2	NA	NA
PFMC	Pacific Coast Salmon	Chinook salmon - California Central Valley: Sacramento River Winter **	NA Exception 2	NA Exception 2	NA	NA
PFMC	Pacific Coast Salmon	Chinook salmon - Columbia River Basin: Lower River Hatchery Fall **	NA Exception 1	NA Exception 1	NA	NA
PFMC	Pacific Coast Salmon	Chinook salmon - Columbia River Basin: Lower River Hatchery Spring **	NA Exception 1	NA Exception 1	NA	NA
PFMC	Pacific Coast Salmon	Chinook salmon - Columbia River Basin: Mid-River Bright Hatchery Fall **	NA Exception 1	NA Exception 1	NA	NA
PFMC	Pacific Coast Salmon	Chinook salmon - Columbia River Basin: North Lewis River Fall **	NA Exception 2	NA Exception 2	NA	NA
PFMC	Pacific Coast Salmon	Chinook salmon - Columbia River Basin: Snake River Fall **	NA Exception 2	NA Exception 2	NA	NA
PFMC	Pacific Coast Salmon	Chinook salmon - Columbia River Basin: Snake River Spring/Summer **	NA Exception 2	NA Exception 2	NA	NA
PFMC	Pacific Coast Salmon	Chinook salmon - Columbia River Basin: Spring Creek Hatchery Fall **	NA Exception 1	NA Exception 1	NA	NA
PFMC	Pacific Coast Salmon	Chinook salmon - Columbia River Basin: Upper River Bright Fall	No	No	No	NA
PFMC	Pacific Coast Salmon	Chinook salmon - Columbia River Basin: Upper River Spring **	NA Exception 2	NA Exception 2	NA	NA
PFMC	Pacific Coast Salmon	Chinook salmon - Columbia River Basin: Upper River Summer	No	No	No	NA
PFMC	Pacific Coast Salmon	Chinook salmon - Columbia River Basin: Upper Willamette Spring **	NA Exception 2	NA Exception 2	NA	NA
PFMC	Pacific Coast Salmon	Chinook salmon - Northern California Coast: California Coastal **	NA Exception 2	NA Exception 2	NA	NA
PFMC	Pacific Coast Salmon	Chinook salmon - Northern California Coast: Klamath River Spring	Unknown	Unknown	Unknown	NA
PFMC	Pacific Coast Salmon	Chinook salmon - Northern California Coast: Smith River	Unknown	Unknown	Unknown	NA

National Marine Fisheries Service - 2022 Status of U.S. Fisheries

Table C. Summary of Stock Status for non-FSSI Stocks

Jurisdiction	FMP	Stock	Overfishing	Overfished	Approaching Overfished	Rebuilding Program Progress
PFMC	Pacific Coast Salmon	Chinook salmon - Oregon Coast: Central and Northern Oregon	No	No	No	NA
PFMC	Pacific Coast Salmon	Chinook salmon - Oregon Coast: Southern Oregon	Unknown	No	No	NA
PFMC	Pacific Coast Salmon	Chinook salmon - Puget Sound: Cedar River Summer/Fall **	NA Exception 2	NA Exception 2	NA	NA
PFMC	Pacific Coast Salmon	Chinook salmon - Puget Sound: Eastern Strait of Juan de Fuca Summer/Fall **	NA Exception 2	NA Exception 2	NA	NA
PFMC	Pacific Coast Salmon	Chinook salmon - Puget Sound: Green River Summer/Fall **	NA Exception 2	NA Exception 2	NA	NA
PFMC	Pacific Coast Salmon	Chinook salmon - Puget Sound: Mid Hood Canal Summer/Fall **	NA Exception 2	NA Exception 2	NA	NA
PFMC	Pacific Coast Salmon	Chinook salmon - Puget Sound: Nisqually River Summer/Fall **	NA Exception 2	NA Exception 2	NA	NA
PFMC	Pacific Coast Salmon	Chinook salmon - Puget Sound: Nooksack Spring Early **	NA Exception 2	NA Exception 2	NA	NA
PFMC	Pacific Coast Salmon	Chinook salmon - Puget Sound: Puyallup Summer/Fall **	NA Exception 2	NA Exception 2	NA	NA
PFMC	Pacific Coast Salmon	Chinook salmon - Puget Sound: Skagit Spring **	NA Exception 2	NA Exception 2	NA	NA
PFMC	Pacific Coast Salmon	Chinook salmon - Puget Sound: Skagit Summer/Fall **	NA Exception 2	NA Exception 2	NA	NA
PFMC	Pacific Coast Salmon	Chinook salmon - Puget Sound: Skokomish Summer/Fall **	NA Exception 2	NA Exception 2	NA	NA
PFMC	Pacific Coast Salmon	Chinook salmon - Puget Sound: Snohomish Summer/Fall **	NA Exception 2	NA Exception 2	NA	NA
PFMC	Pacific Coast Salmon	Chinook salmon - Puget Sound: Stillaguamish Summer/Fall **	NA Exception 2	NA Exception 2	NA	NA
PFMC	Pacific Coast Salmon	Chinook salmon - Puget Sound: White River Spring **	NA Exception 2	NA Exception 2	NA	NA
PFMC	Pacific Coast Salmon	Chinook salmon - Washington Coast: Grays Harbor Fall	No	No	No	NA
PFMC	Pacific Coast Salmon	Chinook salmon - Washington Coast: Grays Harbor Spring	Unknown	No	No	NA

## National Marine Fisheries Service - 2022 Status of U.S. Fisheries

Table C. Summary of Stock Status for non-FSSI Stocks

Jurisdiction	FMP	Stock	Overfishing	Overfished	Approaching Overfished	Rebuilding Program Progress
PFMC	Pacific Coast Salmon	Chinook salmon - Washington Coast: Hoh Fall	No	No	No	NA
PFMC	Pacific Coast Salmon	Chinook salmon - Washington Coast: Hoh Spring/Summer	Unknown	No	No	NA
PFMC	Pacific Coast Salmon	Chinook salmon - Washington Coast: Hoko Summer/Fall	No	No	No	NA
PFMC	Pacific Coast Salmon	Chinook salmon - Washington Coast: Queets Fall	No	No	No	NA
PFMC	Pacific Coast Salmon	Chinook salmon - Washington Coast: Queets Spring/Summer	Unknown	No	No	NA
PFMC	Pacific Coast Salmon	Chinook salmon - Washington Coast: Quillayute Fall	No	No	No	NA
PFMC	Pacific Coast Salmon	Chinook salmon - Washington Coast: Quillayute Spring/Summer	Unknown	No	No	NA
PFMC	Pacific Coast Salmon	Chinook salmon - Washington Coast: Quinault Fall Hatchery **	NA Exception 1	NA Exception 1	NA	NA
PFMC	Pacific Coast Salmon	Chinook salmon - Washington Coast: Willapa Bay Fall Hatchery **	NA Exception 1	NA Exception 1	NA	NA
PFMC	Pacific Coast Salmon	Chinook salmon - Washington Coast: Willapa Bay Fall Natural	No	No	No	NA
PFMC	Pacific Coast Salmon	Coho salmon - Oregon Production Index Area: Central California Coast **	NA Exception 2	NA Exception 2	NA	NA
PFMC	Pacific Coast Salmon	Coho salmon - Oregon Production Index Area: Columbia River Early Hatchery **	NA Exception 1	NA Exception 1	NA	NA
PFMC	Pacific Coast Salmon	Coho salmon - Oregon Production Index Area: Columbia River Late Hatchery **	NA Exception 1	NA Exception 1	NA	NA
PFMC	Pacific Coast Salmon	Coho salmon - Oregon Production Index Area: Lower Columbia Natural ** *	NA Exception 2	NA Exception 2	NA	NA
PFMC	Pacific Coast Salmon	Coho salmon - Oregon Production Index Area: Oregon Coast Hatchery **	NA Exception 1	NA Exception 1	NA	NA
PFMC	Pacific Coast Salmon	Coho salmon - Oregon Production Index Area: Oregon Coast Natural ** *	NA Exception 2	NA Exception 2	NA	NA
PFMC	Pacific Coast Salmon	Coho salmon - Oregon Production Index Area: Southern Oregon/Northern California Coast **	NA Exception 2	NA Exception 2	NA	NA

National Marine Fisheries Service - 2022 Status of U.S. Fisheries

Table C. Summary of Stock Status for non-FSSI Stocks

Jurisdiction	FMP	Stock	Overfishing	Overfished	Approaching Overfished	Rebuilding Program Progress
PFMC	Pacific Coast Salmon	Coho salmon - Puget Sound: Hood Canal	No	No	No	NA
PFMC	Pacific Coast Salmon	Coho salmon - Puget Sound: Skagit	No	No	No	NA
PFMC	Pacific Coast Salmon	Coho salmon - Puget Sound: Snohomish *	No	No - Rebuilding	No	Year 5 of 3-year plan
PFMC	Pacific Coast Salmon	Coho salmon - Puget Sound: South Puget Sound Hatchery **	NA Exception 1	NA Exception 1	NA	NA
PFMC	Pacific Coast Salmon	Coho salmon - Puget Sound: Stillaguamish	No	No	No	NA
PFMC	Pacific Coast Salmon	Coho salmon - Washington Coast: Grays Harbor	No	No	No	NA
PFMC	Pacific Coast Salmon	Coho salmon - Washington Coast: Hoh	No	No	No	NA
PFMC	Pacific Coast Salmon	Coho salmon - Washington Coast: Queets *	No	Yes	NA	Year 5 of 2-year plan
PFMC	Pacific Coast Salmon	Coho salmon - Washington Coast: Quillayute Fall	No	No	No	NA
PFMC	Pacific Coast Salmon	Coho salmon - Washington Coast: Quillayute Summer Hatchery **	NA Exception 1	NA Exception 1	NA	NA
PFMC	Pacific Coast Salmon	Coho salmon - Washington Coast: Quinalt Hatchery **	NA Exception 1	NA Exception 1	NA	NA
PFMC	Pacific Coast Salmon	Coho salmon - Washington Coast: Strait of Juan de Fuca *	No	Yes	NA	Year 5 of 6-year plan
PFMC	Pacific Coast Salmon	Coho salmon - Washington Coast: Willapa Bay Hatchery **	NA Exception 1	NA Exception 1	NA	NA
PFMC	Pacific Coast Salmon	Coho salmon - Washington Coast: Willapa Bay Natural	No	No	No	NA
PFMC	Pacific Coast Salmon	Pink salmon - Puget Sound *	Unknown	Unknown	Unknown	NA
PFMC / WPFMC	U.S. West Coast Fisheries for Highly Migratory Species / Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Albacore - North Pacific	No	No	No	NA
PFMC / WPFMC	U.S. West Coast Fisheries for Highly Migratory Species / Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Bigeye thresher - Pacific	Unknown	Unknown	Unknown	NA
PFMC / WPFMC	U.S. West Coast Fisheries for Highly Migratory Species / Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Bigeye tuna - Eastern Pacific	No	No	No	NA

## National Marine Fisheries Service - 2022 Status of U.S. Fisheries

Table C. Summary of Stock Status for non-FSSI Stocks

Jurisdiction	FMP	Stock	Overfishing	Overfished	Approaching Overfished	Rebuilding Program Progress
PFMC / WPFMC	U.S. West Coast Fisheries for Highly Migratory Species / Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Bigeye tuna - Western and Central Pacific	No	No	No	NA
PFMC / WPFMC	U.S. West Coast Fisheries for Highly Migratory Species / Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Blue shark - North Pacific	No	No	No	NA
PFMC / WPFMC	U.S. West Coast Fisheries for Highly Migratory Species / Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Dolphinfish - Pacific	Unknown	Unknown	Unknown	NA
PFMC / WPFMC	U.S. West Coast Fisheries for Highly Migratory Species / Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Pacific bluefin tuna - Pacific *	No	Yes	No	NA
PFMC / WPFMC	U.S. West Coast Fisheries for Highly Migratory Species / Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Pelagic thresher - North Pacific	Unknown	Unknown	Unknown	NA
PFMC / WPFMC	U.S. West Coast Fisheries for Highly Migratory Species / Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Shortfin mako - North Pacific	No	No	No	NA
PFMC / WPFMC	U.S. West Coast Fisheries for Highly Migratory Species / Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Skipjack tuna - Eastern Pacific	No	No	No	NA
PFMC / WPFMC	U.S. West Coast Fisheries for Highly Migratory Species / Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Skipjack tuna - Western and Central Pacific	No	No	No	NA
PFMC / WPFMC	U.S. West Coast Fisheries for Highly Migratory Species / Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Striped marlin - Eastern Pacific	No	No	No	NA
PFMC / WPFMC	U.S. West Coast Fisheries for Highly Migratory Species / Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Striped marlin - Western and Central North Pacific *	Yes	Yes	NA	NA
PFMC / WPFMC	U.S. West Coast Fisheries for Highly Migratory Species / Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Swordfish - Eastern Pacific	Yes	No	No	NA

National Marine Fisheries Service - 2022 Status of U.S. Fisheries

Table C. Summary of Stock Status for non-FSSI Stocks

Jurisdiction	FMP	Stock	Overfishing	Overfished	Approaching Overfished	Rebuilding Program Progress
PFMC / WPFMC	U.S. West Coast Fisheries for Highly Migratory Species / Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Swordfish - Western and Central North Pacific	No	No	No	NA
PFMC / WPFMC	U.S. West Coast Fisheries for Highly Migratory Species / Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Thresher shark - North Pacific	No	No	No	NA
PFMC / WPFMC	U.S. West Coast Fisheries for Highly Migratory Species / Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Yellowfin tuna - Eastern Pacific	No	No	No	NA
PFMC / WPFMC	U.S. West Coast Fisheries for Highly Migratory Species / Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Yellowfin tuna - Western and Central Pacific	No	No	No	NA
SAFMC	Coral, Coral Reefs and Live/Hard Bottom Habitats of the South Atlantic Region	Black corals (Antipatharia) - Southern Atlantic Coast *	No	Unknown	Unknown	NA
SAFMC	Coral, Coral Reefs and Live/Hard Bottom Habitats of the South Atlantic Region	Fire corals (Milleporidae) - Southern Atlantic Coast *	No	Unknown	Unknown	NA
SAFMC	Coral, Coral Reefs and Live/Hard Bottom Habitats of the South Atlantic Region	Hydrocorals (Stylasteridae) - Southern Atlantic Coast *	No	Unknown	Unknown	NA
SAFMC	Coral, Coral Reefs and Live/Hard Bottom Habitats of the South Atlantic Region	Soft corals (Octocorallia) - Southern Atlantic Coast *	No	Unknown	Unknown	NA
SAFMC	Coral, Coral Reefs and Live/Hard Bottom Habitats of the South Atlantic Region	Stony corals (Scleractinia) - Southern Atlantic Coast *	No	Unknown	Unknown	NA
SAFMC	Dolphin and Wahoo Fishery of the Atlantic	Wahoo - Southern Atlantic Coast	Unknown	Unknown	Unknown	NA
SAFMC	Golden Crab Fishery of the South Atlantic Region	Golden deepsea crab - Southern Atlantic Coast	Unknown	Unknown	Unknown	NA
SAFMC	Pelagic Sargassum Habitat of the South Atlantic Region	Sargassum - Southern Atlantic Coast *	No	No	Unknown	NA
SAFMC	Snapper-Grouper Fishery of the South Atlantic Region	Atlantic spadefish - Southern Atlantic Coast	Unknown	Unknown	Unknown	NA
SAFMC	Snapper-Grouper Fishery of the South Atlantic Region	Bar jack - Southern Atlantic Coast	Unknown	Unknown	Unknown	NA
SAFMC	Snapper-Grouper Fishery of the South Atlantic Region	Hogfish - Carolinas	Unknown	Unknown	Unknown	NA
SAFMC	Snapper-Grouper Fishery of the South Atlantic Region	Hogfish - Florida Keys / East Florida	No	Yes	NA	Year 6 of 10-year plan

## National Marine Fisheries Service - 2022 Status of U.S. Fisheries

Table C. Summary of Stock Status for non-FSSI Stocks

Jurisdiction	FMP	Stock	Overfishing	Overfished	Approaching Overfished	Rebuilding Program Progress
SAFMC	Snapper-Grouper Fishery of the South Atlantic Region	Nassau grouper - Southern Atlantic Coast / Gulf of Mexico *	No	Unknown	Unknown	NA
SAFMC	Snapper-Grouper Fishery of the South Atlantic Region	South Atlantic Deepwater Snapper-Grouper Complex *	Unknown	Unknown	Unknown	NA
SAFMC	Snapper-Grouper Fishery of the South Atlantic Region	South Atlantic Grunts Complex *	Unknown	Unknown	Unknown	NA
SAFMC	Snapper-Grouper Fishery of the South Atlantic Region	South Atlantic Jacks Complex *	Unknown	Unknown	Unknown	NA
SAFMC	Snapper-Grouper Fishery of the South Atlantic Region	South Atlantic Porgy Complex *	Unknown	Unknown	Unknown	NA
SAFMC	Snapper-Grouper Fishery of the South Atlantic Region	South Atlantic Shallow Water Snapper-Grouper Complex *	Unknown	Unknown	Unknown	NA
SAFMC	Snapper-Grouper Fishery of the South Atlantic Region	South Atlantic Snappers Complex *	Unknown	Unknown	Unknown	NA
SAFMC	Snapper-Grouper Fishery of the South Atlantic Region	Speckled hind - Southern Atlantic Coast	Unknown	Unknown	Unknown	NA
SAFMC	Snapper-Grouper Fishery of the South Atlantic Region	Warsaw grouper - Southern Atlantic Coast	Unknown	Unknown	Unknown	NA
SAFMC	Snapper-Grouper Fishery of the South Atlantic Region	Wreckfish - Southern Atlantic Coast	No	No	No	NA
SAFMC / GMFMC	Snapper-Grouper Fishery of the South Atlantic Region / Reef Fish Resources of the Gulf of Mexico	Goliath grouper - Southern Atlantic Coast / Gulf of Mexico *	No	Unknown	Unknown	NA
SAFMC / GMFMC	Spiny Lobster in the Gulf of Mexico and South Atlantic	Caribbean spiny lobster - Southern Atlantic Coast / Gulf of Mexico	No	Unknown	Unknown	NA
WPFMC	Hawaii Archipelago Ecosystem	180 Fathom Bank Precious Coral Complex *	Unknown	Unknown	Unknown	NA
WPFMC	Hawaii Archipelago Ecosystem	Au'au Bed Black Coral Complex *	Unknown	Unknown	Unknown	NA
WPFMC	Hawaii Archipelago Ecosystem	Brooks Bank Precious Coral Complex *	Unknown	Unknown	Unknown	NA
WPFMC	Hawaii Archipelago Ecosystem	Deepwater shrimps (Heterocarpus spp.) - Main Hawaiian Islands *	Unknown	Unknown	Unknown	NA
WPFMC	Hawaii Archipelago Ecosystem	Hancock Seamount Groundfish Complex *	Unknown	Yes	NA	Year 37 of plan

National Marine Fisheries Service - 2022 Status of U.S. Fisheries  
Table C. Summary of Stock Status for non-FSSI Stocks

Jurisdiction	FMP	Stock	Overfishing	Overfished	Approaching Overfished	Rebuilding Program Progress
WPFMC	Hawaii Archipelago Ecosystem	Hawaiian Archipelago Exploratory Area Precious Coral Complex *	Unknown	Unknown	Unknown	NA
WPFMC	Hawaii Archipelago Ecosystem	Kaena Point Bed Precious Coral Complex *	Unknown	Unknown	Unknown	NA
WPFMC	Hawaii Archipelago Ecosystem	Keahole Bed Precious Coral Complex *	Unknown	Unknown	Unknown	NA
WPFMC	Hawaii Archipelago Ecosystem	Makapu'u Bed Precious Corals Multi-species Complex *	No	Unknown	Unknown	NA
WPFMC	Hawaii Archipelago Ecosystem	Northwestern Hawaiian Islands Bottomfish Multi-species Complex *	Unknown	Unknown	Unknown	NA
WPFMC	Hawaii Archipelago Ecosystem	Northwestern Hawaiian Islands Crustacean Complex *	No	Unknown	Unknown	NA
WPFMC	Hawaii Archipelago Ecosystem	Westpac Bed Refugium- Precious Corals Complex *	Unknown	Unknown	Unknown	NA
WPFMC	Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Albacore - South Pacific	No	No	No	NA
WPFMC	Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Black marlin - Pacific	Unknown	Unknown	Unknown	NA
WPFMC	Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Blue marlin - Pacific	No	No	No	NA
WPFMC	Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Kawakawa - Pacific	Unknown	Unknown	Unknown	NA
WPFMC	Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Longfin mako - North Pacific	Unknown	Unknown	Unknown	NA
WPFMC	Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Oceanic whitetip shark - Western and Central Pacific *	Yes	Yes	NA	NA
WPFMC	Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Opah - Pacific	Unknown	Unknown	Unknown	NA
WPFMC	Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Pacific Other Tuna Relatives Complex *	Unknown	Unknown	Unknown	NA
WPFMC	Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Pomfrets (Bramidae) - Pacific	Unknown	Unknown	Unknown	NA
WPFMC	Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Sailfish - Pacific	Unknown	Unknown	Unknown	NA
WPFMC	Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Salmon shark - North Pacific	Unknown	Unknown	Unknown	NA



National Marine Fisheries Service - 2022 Status of U.S. Fisheries

Table C. Summary of Stock Status for non-FSSI Stocks

Jurisdiction	FMP	Stock	Overfishing	Overfished	Approaching Overfished	Rebuilding Program Progress
WPFMC	Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Shortbill spearfish - Pacific	Unknown	Unknown	Unknown	NA
WPFMC	Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Silky shark - Western and Central Pacific	Yes	No	No	NA
WPFMC	Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Snake mackerels (Gempylidae) - Pacific	Unknown	Unknown	Unknown	NA
WPFMC	Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Wahoo - Pacific	Unknown	Unknown	Unknown	NA
WPFMC	Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Western Pacific Squid Complex *	Unknown	Unknown	Unknown	NA
WPFMC	Pacific Remote Island Areas Ecosystem	Pacific Remote Island Areas Black Precious Coral Complex *	Unknown	Unknown	Unknown	NA
WPFMC	Pacific Remote Island Areas Ecosystem	Pacific Remote Island Areas Bottomfish Complex *	Unknown	Unknown	Unknown	NA
WPFMC	Pacific Remote Island Areas Ecosystem	Pacific Remote Island Areas Coral Reef Ecosystem Multi-species Complex *	Unknown	Unknown	Unknown	NA
WPFMC	Pacific Remote Island Areas Ecosystem	Pacific Remote Island Areas Crustacean Complex *	Unknown	Unknown	Unknown	NA
WPFMC	Pacific Remote Island Areas Ecosystem	Pacific Remote Island Areas Exploratory Area Precious Coral Complex *	Unknown	Unknown	Unknown	NA

National Marine Fisheries Service - 2022 Status of U.S. Fisheries

Table D. Endnotes for non-FSSI Stocks

Jurisdiction	Stock	Endnote
Atlantic HMS	Bigeye tuna - Atlantic	A domestic rebuilding plan is in place for this stock. The United States continues to work with the International Commission for the Conservation of Atlantic Tunas to develop and implement an international rebuilding plan to rebuild the stock throughout its range. The United States catches only a small portion of total catches for this stock. There is currently not enough information to project when this stock is expected to rebuild.
Atlantic HMS	Blue marlin - Atlantic	Blue marlin has been in a domestic rebuilding plan since 2001. Prior to 2019, there was no projected timeline to rebuild. In 2019, a rebuilding timeline was added and this stock is now projected to rebuild by 2028. There is now an international rebuilding plan (developed through ICCAT) in place for this stock.
Atlantic HMS	Bluefin tuna - Western Atlantic	In the last two stock assessments[ (2017 and 2021)], due to continued uncertainty regarding stock recruitment potential and the continued inability to resolve the divergent (i.e., low vs. high) recruitment potential scenarios, spawning stock biomass (SSB) was not estimated and maximum sustainable yield (MSY) reference points were not used to determine stock status. The assessment used total biomass information, which does not depend on which of these scenarios is selected. The 2021 stock assessment estimated that the total biomass increased by nine percent over 2017 through 2020 and concluded that overfishing was not occurring. In recent years, short-term advice has been provided based on an F0.1 reference point (FMSY proxy) assuming that near term recruitment will be similar to the recent past recruitment. The F0.1 strategy compensates for the effect of recruitment changes on biomass by allowing higher catches when recent recruitment is higher and reducing catches when recent recruitments are lower. Fishing consistently at F0.1 will, over the long-term, cause the stock to fluctuate around the corresponding long-term biomass (B0.1), whatever the future recruitment potential. For 2023 onward, the stock will be managed, including the setting of the TAC, under a management procedure that was adopted by ICCAT for both stocks of Atlantic bluefin tuna (ICCAT Rec. 22-10)
Atlantic HMS	Gulf Smoothhound Complex	The species contained in this complex are smooth dogfish, Florida smoothhound, and Gulf smoothhound.
Atlantic HMS	Porbeagle - Northwestern Atlantic	A domestic rebuilding plan is in place for this stock. The United States continues to work with the International Commission for the Conservation of Atlantic Tunas to implement and monitor an international rebuilding plan to rebuild the stock throughout its range.
Atlantic HMS	Prohibited Species	Stocks that cannot be retained in commercial or recreational fisheries include Atlantic Angel Shark, Basking Shark, Bigeye Sand Tiger, Shark Bigeye Sixgill Shark, Bigeye Thresher Shark, Bignose Shark, Caribbean Reef Shark, Caribbean Sharpnose Shark, Galapagos Shark, Longfin Mako Shark, Narrowtooth Shark, Night Shark, Sand Tiger Shark, Sevengill Shark, Sixgill Shark, Smalltail Shark, Whale Shark, and White Shark.
Atlantic HMS	Sailfish - Western Atlantic	A domestic rebuilding plan is in place for this stock. The United States continues to work with the International Commission for the Conservation of Atlantic Tunas to develop and implement an international rebuilding plan to rebuild the stock throughout its range. The United States catches only a small portion of total catches for this stock. There is currently not enough information to project when this stock is expected to rebuild.
Atlantic HMS	Shortfin mako - North Atlantic	A domestic rebuilding plan is in place for this stock. The United States continues to work with the International Commission for the Conservation of Atlantic Tunas to develop and implement an international rebuilding plan to rebuild the stock throughout its range. The United States catches only a small portion of total catches for this stock. There is currently not enough information to project when this stock is expected to rebuild.

National Marine Fisheries Service - 2022 Status of U.S. Fisheries

Table D. Endnotes for non-FSSI Stocks

Jurisdiction	Stock	Endnote
Atlantic HMS	White marlin - Atlantic	White marlin has been in a domestic rebuilding plan since 2001. In 2019, an international rebuilding plan developed through the International Commission for the Conservation of Atlantic Tunas was put in place for this stock. The United States catches only a small portion of total catches for this stock. There is currently not enough information to project when this stock is expected to rebuild.
CFMC	Puerto Rico Snapper 1 Complex	This stock complex contains black snapper, blackfin snapper, silk snapper, vermilion snapper, and wenchman.
CFMC	Puerto Rico Snapper 2 Complex	This stock complex contains cardinal snapper and queen snapper.
CFMC	Puerto Rico Snapper 4 Complex	This stock complex contains mutton snapper, dog snapper, and schoolmaster.
CFMC	Puerto Rico Grouper 3 Complex	This stock complex contains coney and graysby.
CFMC	Puerto Rico Grouper 4 Complex	This stock complex contains black grouper, red grouper, tiger grouper, yellowfin grouper, and yellowmouth grouper.
CFMC	Puerto Rico Grouper 5 Complex	This stock complex contains misty grouper and yellowedge grouper.
CFMC	Puerto Rico Grouper 6 Complex	This stock complex contains red hind and rock hind.
CFMC	Puerto Rico Prohibited Parrotfishes Complex	This stock complex contains blue parrotfish, midnight parrotfish, and rainbow parrotfish.
CFMC	Puerto Rico Parrotfishes Complex	This stock complex contains princess parrotfish, queen parrotfish, striped parrotfish, redband parrotfish, redband parrotfish, and stoplight parrotfish.
CFMC	Puerto Rico Angelfishes Complex	This stock complex contains queen angelfish, gray angelfish, and French angelfish.
CFMC	Puerto Rico Surgeonfishes Complex	This stock complex contains doctorfish, blue tang, and ocean surgeonfish.
CFMC	Puerto Rico Triggerfishes Complex	This stock complex contains gray triggerfish, ocean triggerfish, and Queen triggerfish.
CFMC	Puerto Rico Wrasses 2 Complex	This stock complex contains Spanish hogfish and puddingwife.
CFMC	Puerto Rico Dolphinfish Complex	This stock complex contains dolphin and Pompano dolphin.
CFMC	Puerto Rico Tunas Complex	This stock complex contains little tunny and blackfin tuna.
CFMC	Puerto Rico Mackerels Complex	This stock complex contain king mackerel and cero mackerel.
CFMC	STC Snapper 1 Complex	This stock complex contains black snapper, blackfin snapper, silk snapper, and vermilion snapper.

## National Marine Fisheries Service - 2022 Status of U.S. Fisheries

Table D. Endnotes for non-FSSI Stocks

Jurisdiction	Stock	Endnote
CFMC	STC Snapper 3 Complex	This stock complex contains gray snapper and lane snapper.
CFMC	STC Grouper 3 Complex	This stock complex contains coney and graysby.
CFMC	STC Grouper 4 Complex	This stock complex contains red hind and rock hind.
CFMC	STC Grouper 5 Complex	This stock complex contains black grouper, red grouper, tiger grouper, and yellowfin grouper.
CFMC	STC Grunts Complex	This stock complex contains white grunt and bluestriped grunt.
CFMC	STC Prohibited Parrotfishes Complex	This stock complex contains blue parrotfish, midnight parrotfish, and rainbow parrotfish.
CFMC	STC Parrotfishes Complex	This stock complex contains princess parrotfish, queen parrotfish, striped parrotfish, redband parrotfish, redtail parrotfish, redfin parrotfish, and stoplight parrotfish.
CFMC	STC Angelfishes Complex	This stock complex contains queen angelfish, gray angelfish, and French angelfish.
CFMC	STC Surgeonfishes Complex	This stock complex contains doctorfish, blue tang, and ocean surgeonfish.
CFMC	STT/STJ Snapper 1 Complex	This stock complex contains black snapper, blackfin snapper, silk snapper, and vermilion snapper.
CFMC	STT/STJ Snapper 3 Complex	This stock complex contains lane snapper and mutton snapper.
CFMC	STT/STJ Grouper 3 Complex	This stock complex contains coney and red hind.
CFMC	STT/STJ Grouper 4 Complex	This stock complex contains black grouper, red grouper, tiger grouper, and yellowfin grouper.
CFMC	STT/STJ Grouper 5 Complex	This stock complex contains misty grouper, yellowedge grouper, and yellowmouth grouper.
CFMC	STT/STJ Grunts 1 Complex	This stock complex contains white grunt and bluestriped grunt.
CFMC	STT/STJ Prohibited Parrotfishes Complex	This stock complex contains blue parrotfish, midnight parrotfish, and rainbow parrotfish.
CFMC	STT/STJ Parrotfishes Complex	This stock complex contains princess parrotfish, queen parrotfish, striped parrotfish, redband parrotfish, redtail parrotfish, redfin parrotfish, and stoplight parrotfish.
CFMC	STT/STJ Angelfishes Complex	This stock complex contains queen angelfish, gray angelfish, and French angelfish.
CFMC	STT/STJ Surgeonfishes Complex	This stock complex contains doctorfish, blue tang, and ocean surgeonfish.
CFMC	STT/STJ Porgies Complex	This stock complex contains saucereye porgy, jolthead porgy, sea bream, and sheepshead porgy.
GMFMC	Black corals (Antipatharia) - Gulf of Mexico	Fishery in the EEZ and state waters is closed; therefore, fishing mortality is very low.
GMFMC	Fire corals (Milleporidae) - Gulf of Mexico	Fishery in the EEZ and state waters is closed; therefore, fishing mortality is very low.

National Marine Fisheries Service - 2022 Status of U.S. Fisheries

Table D. Endnotes for non-FSSI Stocks

Jurisdiction	Stock	Endnote
GMFMC	Hydrocorals (Stylasteridae) - Gulf of Mexico	Fishery in the EEZ and state waters is closed; therefore, fishing mortality is very low.
GMFMC	Sea fans (Gorgonia spp.) - Gulf of Mexico	Fishery in the EEZ and state waters is closed; therefore, fishing mortality is very low.
GMFMC	Stony corals (Scleractinia) - Gulf of Mexico	Fishery in the EEZ and state waters is closed; therefore, fishing mortality is very low.
GMFMC	Gulf of Mexico Deep Water Grouper Complex	The Deep Water Grouper Complex contains snowy grouper, speckled hind, Warsaw grouper, and yellowedge grouper.
GMFMC	Gulf of Mexico Jacks Complex	The Jacks Complex contains Almaco jack, banded rudderfish, and lesser amberjack.
GMFMC	Gulf of Mexico Mid-Water Snapper Complex	The Mid-Water Snapper Complex contains blackfin snapper, Queen snapper, silk snapper, and wenchman.
GMFMC	Gulf of Mexico Shallow Water Grouper Complex	The Shallow Water Grouper Complex contains scamp, black grouper, yellowfin grouper, and yellowmouth grouper. Scamp was assessed in 2022, but results are currently not being used to support stock status. An FMP amendment will be developed in the future to revise status determination criteria for indicator stocks contained in a stock complex.
GMFMC	Gulf of Mexico Tilefishes Complex	The Gulf of Mexico Tilefishes Complex contains tilefish, blueline tilefish, and goldface tilefish.
NEFMC	Atlantic salmon - Gulf of Maine	Rebuilding of Atlantic salmon is being pursued under the Endangered Species Act. Atlantic salmon was listed as endangered under the ESA in December 2000.
NEFMC	Red deepsea crab - Northwestern Atlantic	In the most recent stock assessments (NEFSC 2006) the current MSY and BMSY estimates for red crabs were judged unreliable. The assessment results supported a determination of not subject to overfishing,, but could not provide adequate information to support an overfished determination.
NEFMC	Atlantic wolffish - Gulf of Maine / Georges Bank	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.
NEFMC	Ocean pout - Northwestern Atlantic Coast	This is the second rebuilding plan. The first rebuilding plan was implemented in 2004 and targeted to rebuild by 2014, but the stock failed to rebuild under the first plan.
NEFMC	Red hake - Gulf of Maine / Northern Georges Bank	The status of Gulf of Maine / Northern Georges Bank red hake is based on the results of the stock assessment completed in 2017. An Area Swept Biomass assessment was conducted in 2020, but was not used to support overfishing or overfished stock status determinations.
NEFMC	Windowpane - Gulf of Maine / Georges Bank	The status of Gulf of Maine / Georges Bank windowpane is based on the results of the stock assessment completed in 2019. An Area Swept Biomass assessment was conducted in 2020, but was not used to support overfishing or overfished stock status determinations. The rebuilding plan for Gulf of Maine/Georges Bank windowpane was implemented in 2010 and the stock was targeted to rebuild by 2017, but the stock failed to rebuild. The rebuilding plan was revised and the new start date is July 18, 2019 and the stock is expected to rebuild by 2029 (10-year rebuilding plan).

National Marine Fisheries Service - 2022 Status of U.S. Fisheries

Table D. Endnotes for non-FSSI Stocks

Jurisdiction	Stock	Endnote
NEFMC	Yellowtail flounder - Georges Bank	The rebuilding plan for Georges Bank yellowtail flounder was implemented in 2006 and the stock was targeted to rebuild by 2014 (8-year rebuilding plan), was later extended to rebuild by 2016 (10-year rebuilding plan), and was again extended to rebuild by 2032 (26-year rebuilding plan). The status of this stock is based on the Transboundary Resources Assessment Committee finalized in 2013, which was the last accepted assessment that supported stock status advice. Empirical assessments were conducted in 2017 and 2018, but were not used to support overfishing or overfished stock status determinations.
NPFMC	Blue king crab - Pribilof Islands	Pribilof Islands blue king crab was previously in a rebuilding plan that started in 2004 and had a target end date of 2014. The new plan implemented January 1, 2015 does not specify a target rebuilding date because it is not known when the stock is expected to rebuild. The Pribilof Islands Habitat Conservation Zone (PIHCZ) has been closed to groundfish trawling since 1995 and beginning in 2015, there is a prohibition on directed cod pot fishing in the PIHCZ. The causes of the stock decline are thought to be predominantly due to environmental changes that inhibit blue king crab reproduction. For this stock to rebuild, the stock would likely require multiple years of above average recruitment and/or a change in environmental conditions to increase larval productivity around the Pribilof Islands.
NPFMC	Arctic cod - Arctic Management Area	There is no commercial fishing for this stock, including Alaska state waters and international fishing, so fishing mortality is expected to be zero.
NPFMC	Saffron cod - Arctic Management Area	There is no commercial fishing for this stock, including Alaska state waters and international fishing, so fishing mortality is expected to be zero.
NPFMC	Snow crab - Arctic Management Area	There is no commercial fishing for this stock, including Alaska state waters and international fishing, so fishing mortality is expected to be zero.
NPFMC	Bering Sea / Aleutian Islands Blackspotted and Rougheye Rockfish Complex	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.
NPFMC	Bering Sea / Aleutian Islands Octopus Complex	The Octopus Complex consists of Giant Pacific Octopus, Flapjack Devilfish, Pelagic Octopus, Smoothskin Octopus, Octopus Benthoctopus oregonensis, Octopus Graneledone boreopacifica, and Octopus Bathypolypus arcticus. The Giant Octopus is regarded as the indicator species for this complex.
NPFMC	Bering Sea / Aleutian Islands Other Flatfish Complex	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.
NPFMC	Bering Sea / Aleutian Islands Other Rockfish Complex	The Other Rockfish Complex consists of the following stocks: 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.
NPFMC	Bering Sea / Aleutian Islands Shark Complex	The Shark Complex consists of Pacific Sleeper Shark, Salmon Shark, and Spiny Dogfish.
NPFMC	Gulf of Alaska Deepwater Flatfish Complex	The Deep Water Flatfish Complex consists of the following stocks: Deepsea Sole, Dover Sole, and Greenland halibut. Dover sole is the indicator species for determining the status of this stock complex.

National Marine Fisheries Service - 2022 Status of U.S. Fisheries

Table D. Endnotes for non-FSSI Stocks

Jurisdiction	Stock	Endnote
NPFMC	Gulf of Alaska Octopus Complex	The Octopus Complex consists of Flapjack Devilfish, Giant Pacific Octopus, Pelagic Octopus, Red Octopus, Smoothskin Octopus, Vampire Squid, and North Pacific Bigeye Octopus. The Giant Octopus is regarded as the indicator species for this complex. 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.
NPFMC	Gulf of Alaska Other Rockfish Complex	The Other Rockfish Complex consists of the following stocks: Canary Rockfish, China Rockfish, Copper Rockfish, Quillback Rockfish, Rosethorn Rockfish, Tiger Rockfish, and Yelloweye Rockfish (demersal shelf rockfish); and Blackgill Rockfish, Bocaccio, Chilipepper, Darkblotched Rockfish, Greenstriped Rockfish, Harlequin Rockfish, Northern Rockfish, Pygmy Rockfish, Redbanded Rockfish, Redstripe Rockfish, Sharpchin Rockfish, Silvergray Rockfish, Splitnose Rockfish, Stripetail Rockfish, Vermilion Rockfish, Widow Rockfish, Yelloweye Rockfish, and Yellowmouth Rockfish in various districts in the Gulf of Alaska.
NPFMC	Gulf of Alaska Shark Complex	The Shark Complex consists of Pacific Sleeper Shark, Salmon Shark, and Spiny Dogfish.
NPFMC	Gulf of Alaska Skate Complex	The Skate 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.
NPFMC	Alaska Coho Salmon Assemblage	The Alaska Coho Salmon Assemblage consists of coho salmon, sockeye salmon, pink salmon, and chum salmon throughout southeast Alaska. There are 3 indicator stocks of coho salmon that are used to determine the status of the assemblage; these indicator stocks are Auke Creek, Berners River, and Hugh Smith Lake.
PFMC	Minor Nearshore Rockfish North	Minor Nearshore Rockfish North contains the following stocks: black-and-yellow rockfish, blue rockfish, brown rockfish, calico rockfish, China rockfish, copper rockfish, gopher rockfish, grass rockfish, kelp rockfish, olive rockfish, quillback rockfish, and treefish. The management unit is North of 40°10 N lat.
PFMC	Minor Nearshore Rockfish South	Minor Nearshore Rockfish South contains the following stocks: Black-and-yellow rockfish, gopher rockfish, grass rockfish, kelp rockfish, blue rockfish, brown rockfish, calico rockfish, olive rockfish, quillback rockfish, and treefish. The management unit is South of 40°10 N lat.
PFMC	Minor Shelf Rockfish North	Minor Shelf Rockfish North contains the following stocks: bronzespotted rockfish, chameleon rockfish, chilipepper rockfish, dusky rockfish, dwarf-red rockfish, flag rockfish, freckled rockfish, greenblotched rockfish, greenspotted rockfish, greenstriped rockfish, halfbanded rockfish, harlequin rockfish, honeycomb rockfish, Mexican rockfish, pink rockfish, pinkrose rockfish, pygmy rockfish, redstripe rockfish, rosethorn rockfish, rosy rockfish, silvergray rockfish, speckled rockfish, squarespot rockfish, starry rockfish, stripetail rockfish, sunset rockfish, swordspine rockfish, tiger rockfish, vermilion rockfish, bocaccio, and cowcod. The management unit is North of 40°10 N lat.
PFMC	Minor Shelf Rockfish South	Minor Shelf Rockfish South contains the following stocks: Bronzespotted rockfish, chameleon rockfish, dusky rockfish, dwarf-red rockfish, flag rockfish, freckled rockfish, greenblotched rockfish, greenspotted rockfish, greenstriped rockfish, halfbanded rockfish, harlequin rockfish, honeycomb rockfish, Mexican rockfish, pink rockfish, pinkrose rockfish, pygmy rockfish, redstripe rockfish, rosethorn rockfish, rosy rockfish, silvergray rockfish, speckled rockfish, squarespot rockfish, starry rockfish, stripetail rockfish, sunset rockfish, swordspine rockfish, tiger rockfish, vermilion rockfish, and yellowtail rockfish. The management unit is South of 40°10 N lat.

National Marine Fisheries Service - 2022 Status of U.S. Fisheries

Table D. Endnotes for non-FSSI Stocks

Jurisdiction	Stock	Endnote
PFMC	Minor Slope Rockfish North	Minor Slope Rockfish North contains the following stocks: Aurora rockfish, bank rockfish, blackgill rockfish, redbanded rockfish, rougheye rockfish, sharpchin rockfish, shortraker rockfish, splitnose rockfish, and yellowmouth rockfish. The management unit is North of 40°10 N lat.
PFMC	Minor Slope Rockfish South	Minor Slope Rockfish South contains the following stocks: Aurora rockfish, bank rockfish, blackgill rockfish, redbanded rockfish, rougheye rockfish, sharpchin rockfish, shortraker rockfish, yellowmouth rockfish, and Pacific ocean perch. The management unit is South of 40°10 N lat.
PFMC	Other Fish	Other Fish contains the following stocks: Kelp greenling (CA) and leopard shark (coastwide).
PFMC	Other Flatfish	Other Flatfish contains the following stocks: Butter sole, curlfin sole, flathead sole, rex sole, rock sole, sand sole, and Pacific sanddab.
PFMC	Pacific Coast Blackspotted and Rougheye Rockfish Complex	Rougheye rockfish and blackspotted rockfish were assessed together to support the status of the combined stock complex.
PFMC	Coho salmon - Oregon Production Index Area: Lower Columbia Natural	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.
PFMC	Coho salmon - Oregon Production Index Area: Oregon Coast Natural	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.
PFMC	Coho salmon - Puget Sound: Snohomish	The final rule implementing the rebuilding plan for this stock was effective March 15, 2021. Because measures already in place in fishing year 2018 were later approved as measures that would help rebuild the stock, 2018 is considered the first year of the rebuilding plan.
PFMC	Coho salmon - Washington Coast: Queets	The final rule implementing the rebuilding plan for this stock was effective March 15, 2021. Because measures already in place in fishing year 2018 were later approved as measures that would help rebuild the stock, 2018 is considered the first year of the rebuilding plan.
PFMC	Coho salmon - Washington Coast: Strait of Juan de Fuca	The final rule implementing the rebuilding plan for this stock was effective March 15, 2021. Because measures already in place in fishing year 2018 were later approved as measures that would help rebuild the stock, 2018 is considered the first year of the rebuilding plan.
PFMC	Pink salmon - Puget Sound	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.
PFMC / WPFMC	Pacific bluefin tuna - Pacific	The PFMC and WPFMC were first notified on April 8, 2013 that this stock is overfished. Under section 304(i) of the Magnuson-Stevens Act, a domestic rebuilding plan was not developed for this stock because the overfishing and overfished status was due to excessive international fishing pressure. NMFS and the Councils maintain domestic regulations that address the impact of U.S. fishing vessels, and are working with the State Department to rebuild this stock. Internationally, the Western and Central Pacific Fisheries Commission (WCPFC) and the Inter-American Tropical Tuna Commission (IATTC) manage this stock.



National Marine Fisheries Service - 2022 Status of U.S. Fisheries

Table D. Endnotes for non-FSSI Stocks

Jurisdiction	Stock	Endnote
PFMC / WPFMC	Striped marlin - Western and Central North Pacific	NMFS first notified the PFMC and the WPFMC that the Western and Central North Pacific stock of striped marlin to be subject to overfishing and overfished on December 5, 2013. On June 1, 2016, NMFS determined the stock continues to be subject to overfishing and overfished. Internationally, the Western and Central Pacific Fisheries Commission (WCPFC) and the Inter-American Tropical Tuna Commission (IATTC) manage this stock. Under section 304(i) of the Magnuson-Stevens Act, a domestic rebuilding plan will not be developed for this stock because the overfishing and overfished status is due to excessive international fishing pressure and current international measures in place will not end overfishing or rebuild the stock. In lieu of a formal domestic rebuilding plan, NMFS will continue to work with the WPFMC and PFMC, and the State Department to determine if more effective management measures should be proposed to the WCPFC and IATTC for 2016 and beyond.
SAFMC	Black corals (Antipatharia) - Southern Atlantic Coast	Fishery in the EEZ and state waters is closed; therefore, fishing mortality is very low. <input type="checkbox"/>
SAFMC	Fire corals (Milleporidae) - Southern Atlantic Coast	Fishery in the EEZ and state waters is closed; therefore, fishing mortality is very low.
SAFMC	Hydrocorals (Stylasteridae) - Southern Atlantic Coast	Fishery in the EEZ and state waters is closed; therefore, fishing mortality is very low.
SAFMC	Soft corals (Octocorallia) - Southern Atlantic Coast	Fishery in the EEZ and state waters is closed; therefore, fishing mortality is very low.
SAFMC	Stony corals (Scleractinia) - Southern Atlantic Coast	Fishery in the EEZ and state waters is closed; therefore, fishing mortality is very low.
SAFMC	Sargassum - Southern Atlantic Coast	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.
SAFMC	Nassau grouper - Southern Atlantic Coast / Gulf of Mexico	Fishery in the EEZ and state waters is closed; therefore, fishing mortality is very low.
SAFMC	South Atlantic Deepwater Snapper-Grouper Complex	The Deepwater Snapper-Grouper Complex contains blackfin snapper, misty grouper, yellowedge grouper, Queen snapper, sand tilefish, and silk snapper.
SAFMC	South Atlantic Grunts Complex	The Grunts Complex contains margate, sailor's choice, tomtate, and white grunt.
SAFMC	South Atlantic Jacks Complex	The Jacks Complex contains Almaco jack, banded rudderfish, and lesser amberjack.
SAFMC	South Atlantic Porgy Complex	The Porgy Complex contains jolthead porgy, knobbed porgy, saucereye porgy, scup, and whitebone porgy.

National Marine Fisheries Service - 2022 Status of U.S. Fisheries

Table D. Endnotes for non-FSSI Stocks

Jurisdiction	Stock	Endnote
SAFMC	South Atlantic Shallow Water Snapper-Grouper Complex	The Shallow Water Snapper-Grouper contains coney, graysby, red hind, rock hind, yellowfin grouper, and yellowmouth grouper.
SAFMC	South Atlantic Snappers Complex	The Snappers Complex contains Cubera snapper, gray snapper, and lane snapper.
SAFMC / GMFMC	Goliath grouper - Southern Atlantic Coast / Gulf of Mexico	Fishery in the EEZ and state waters is closed; therefore, fishing mortality is approaching zero.
WPFMC	180 Fathom Bank Precious Coral Complex	The 180 Fathom Bank Coral Complex contains: pink coral ( <i>Pleurocorallium secundum</i> ), red coral ( <i>Hemicorallium laauense</i> ), gold coral ( <i>Kulamanamana haumea</i> ), and bamboo coral ( <i>Acanella</i> sp.).
WPFMC	Au'au Bed Black Coral Complex	The Au'au Bed Black Coral Complex contains <i>Antipathes grandis</i> , <i>Antipathes griggi</i> , and <i>Myriopathes ulex</i> .
WPFMC	Brooks Bank Precious Coral Complex	The Brooks Bank Precious Coral Complex contains: pink coral ( <i>Pleurocorallium secundum</i> ), red coral ( <i>Hemicorallium laauense</i> ), gold coral ( <i>Kulamanamana haumea</i> ), and bamboo coral ( <i>Acanella</i> sp.).
WPFMC	Deepwater shrimps ( <i>Heterocarpus</i> spp.) - Main Hawaiian Islands	Deepwater shrimps include shrimp in the family Pandalidae.
WPFMC	Hancock Seamount Groundfish Complex	This stock complex uses pelagic armorhead as the indicator species of a three-species seamount groundfish complex that includes raftfish and alfonso. Overfishing and overfished status determination criteria were approved in 2003 for the seamount groundfish stock complex. Due to the data poor nature of this stock complex, the overfished status determination was made using a data-poor method prior to 2003 and there is currently not enough information to conduct a stock assessment using the criteria approved in 2003. This stock complex does not have a formal rebuilding plan or time period for rebuilding because it cannot be predicted when the stock will rebuild. 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.
WPFMC	Hawaiian Archipelago Exploratory Area Precious Coral Complex	The Hawaii Archipelago Exploratory Area Precious Coral Complex contains: pink coral ( <i>Pleurocorallium secundum</i> ), red coral ( <i>Hemicorallium laauense</i> ), gold coral ( <i>Kulamanamana haumea</i> ), and bamboo coral ( <i>Acanella</i> sp.).
WPFMC	Kaena Point Bed Precious Coral Complex	The Kaena Point Bed Coral Complex contains: pink coral ( <i>Pleurocorallium secundum</i> ), red coral ( <i>Hemicorallium laauense</i> ), gold coral ( <i>Kulamanamana haumea</i> ), and bamboo coral ( <i>Acanella</i> sp.).
WPFMC	Keahole Bed Precious Coral Complex	The Keahole Bed Precious Coral Complex contains: pink coral ( <i>Pleurocorallium secundum</i> ), red coral ( <i>Hemicorallium laauense</i> ), gold coral ( <i>Kulamanamana haumea</i> ), and bamboo coral ( <i>Acanella</i> sp.).
WPFMC	Makapu'u Bed Precious Corals Multi-species Complex	Makapu'u Bed Precious Corals Multi-species Complex contains: pink coral ( <i>Pleurocorallium secundum</i> ), red coral ( <i>Hemicorallium laauense</i> ), gold coral ( <i>Kulamanamana haumea</i> ), and bamboo coral ( <i>Acanella</i> sp.).

National Marine Fisheries Service - 2022 Status of U.S. Fisheries

Table D. Endnotes for non-FSSI Stocks

Jurisdiction	Stock	Endnote
WPFMC	Northwestern Hawaiian Islands Bottomfish Multi-species Complex	This complex contains 8 species including one grouper: Hawaiian grouper and six snappers: crimson jobfish, flame snapper, green jobfish, oblique-banded snapper, lavender jobfish, ruby snapper, and rusty jobfish.
WPFMC	Northwestern Hawaiian Islands Crustacean Complex	The Northwestern Hawaiian Islands Crustacean Complex include: <i>Ranina ranina</i> (spanner crab), and <i>Heterocarpus</i> spp. (deepwater shrimp and nylon shrimp). Harvest quota for lobster is set at zero for the commercial lobster fishery in Northwest Hawaiian Islands Marine National Monument.
WPFMC	Westpac Bed Refugium-Precious Corals Complex	Westpac Bed refugium- Precious Corals Complex contains: pink coral ( <i>Pleurocorallium secundum</i> ), red coral ( <i>Hemicorallium laauense</i> ), gold coral ( <i>Kulamanamana haumeaee</i> ), bamboo coral ( <i>Acanella</i> sp.), and black coral ( <i>Antipathes griggi</i> , <i>Antipathes grandis</i> , <i>Myriopathes ulex</i> ).
WPFMC	Oceanic whitetip shark - Western and Central Pacific	NMFS notified the WPFMC (Council) on May 1, 2020 that this stock is subject to overfishing and is overfished. In addition to management efforts by NMFS and the Council, management of the oceanic whitetip shark in the WCPO is shared with the Western and Central Pacific Fisheries Commission. This stock meets the requirements under section 304(i) of the Magnuson-Stevens Act so a domestic rebuilding plan will not be developed for this stock because: (1) the overfishing and overfished status is due to excessive international fishing pressure; and (2) because it has not been determined that management measures adopted by the WCPFC will end overfishing and rebuild the stock. Consistent with Magnuson-Stevens Act section 304(i), the Council is required to: (1) Within one year, develop and submit recommendations to the Secretary of Commerce for domestic regulations to address the relative impact of fishing vessels of the United States on the WCPO oceanic whitetip shark stock, and (2) Develop and submit recommendations to the Secretary of State and to Congress for international actions that will end overfishing and rebuild the WCPO oceanic whitetip shark stock, taking into account the relative impact of vessels of other nations and vessels of the United States on the stock.
WPFMC	Pacific Other Tuna Relatives Complex	The management unit includes <i>Auxis</i> spp. (frigate mackerels), <i>Allothunnus</i> spp. (slender tunas), and <i>Scomber</i> spp. (mackerels).
WPFMC	Western Pacific Squid Complex	The Squid Complex contains <i>Ommastrephes bartamii</i> (neon flying squid), <i>Thysanoteuthis rhombus</i> (diamondback squid), and <i>Sthenoteuthis oualaniensis</i> (purple flying squid.)
WPFMC	Pacific Remote Island Areas Black Precious Coral Complex	The Pacific Remote Islands Areas Black Precious Coral Complex contains <i>Antipathes dichotoma</i> , <i>Antipathes grandis</i> and <i>Antipathes ulex</i> .
WPFMC	Pacific Remote Island Areas Bottomfish Complex	The Pacific Remote Island Areas Bottomfish Complex contains an assemblage of 12 species, including jacks, snappers, emperors and groupers.

National Marine Fisheries Service - 2022 Status of U.S. Fisheries

Table D. Endnotes for non-FSSI Stocks

Jurisdiction	Stock	Endnote
WPFMC	Pacific Remote Island Areas Coral Reef Ecosystem Multi-species Complex	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 Atoll.
WPFMC	Pacific Remote Island Areas Crustacean Complex	The Pacific Remote Island Areas Crustaceans include <i>Panulirus marginatus</i> (spiny lobster), <i>Panulirus penicillatus</i> (spiny lobster), Family Scyllaridae (slipper lobster), <i>Ranina ranina</i> (Kona crab), and <i>Heterocarpus</i> spp. (deepwater shrimp).
WPFMC	Pacific Remote Island Areas Exploratory Area Precious Coral Complex	The Pacific Remote Island Areas Exploratory Area Precious Coral Complex contains pink coral ( <i>Corallium</i> spp.), gold coral ( <i>Gerardia</i> spp. and <i>Narella</i> spp.) and bamboo coral ( <i>Acanella</i> spp., <i>Calyptropora</i> spp. and <i>Lepidoloma</i> spp.).
PfMC	** Pacific Coast Salmon - ESA and Hatchery Stocks	The Salmon FMP contains two exceptions to the application of overfishing and overfished criteria and subsequent Council actions for stocks or stock complexes with conservation objectives: (1) hatchery stocks, and (2) stocks listed under the ESA

National Marine Fisheries Service - 2022 Status of U.S. Fisheries

Tables E-G. Other Stocks

**Table E. Ecosystem Component Species**

Jurisdiction	FMP	Species contained in Ecosystem Component Group
MAFMC	Atlantic Mackerel, Squid and Butterfish; Atlantic Surfclam and Ocean Quahog; Bluefish; Summer Flounder, Scup and Black Sea Bass; and Tilefish	Anchovies, Argentines, Greeneyes, Halfbeaks, Herrings and Sardines, Lanternfishes, Pearlsides, Sand lances, Silversides, Cusk-eels, Atlantic Saury, Pelagic Mollusks, Copepods, Krill, Amphipods, and other species under one inch as adults.
PFMC	Coastal Pelagic Species, Pacific Coast Groundfish, U.S. West Coast Fisheries for Highly Migratory Species, and Pacific Coast Salmon	Shared EC species include: round herring, thread herring, Mesopelagic fishes including families: Myctophidae, Bathylagidae, Paralepididae, and Gonostomatidae, Pacific sand lance, Pacific saury, silversides, smelts, and pelagic squids including families: Cranchiidae, Gonatidae, Histioteuthidae, Octopoteuthidae, Ommastrephidae except Humboldt squid ( <i>Dosidicus gigas</i> ), Onychoteuthidae, and Thysanoteuthidae.
PFMC	Pacific Coast Groundfish	Aleutian skate, Bering skate, California skate, rougtail skate, all other endemic skates in the family Arhynchobatidae, Pacific grenadier, giant grenadier, all other endemic grenadiers in the family Arhynchobatidae, finescale codling, ratfish, tope (soupfin shark), and shortbelly rockfish (currently listed as an FSSI stock, as well).
PFMC	U.S. West Coast Fisheries for Highly Migratory Species	Bigeye thresher, common mola mola, escolar, lancetfishes, louvar, pelagic sting ray, pelagic thresher shark, and wahoo. Prohibited species include Great white shark, Basking shark, mega mouth shark, Pacific halibut, Pink salmon, Chinook salmon, Chum salmon, Sockeye salmon, and Coho salmon.
PFMC	Coastal Pelagic Species	Pacific herring and jacksmelt
NPFMC	Fish Resources of the Arctic Management Area	All finfish other than Arctic cod and saffron cod; all marine invertebrates other than snow crab ( <i>C. opilio</i> ); all other forms of marine animals and plant life.
NPFMC	Scallop Fishery off Alaska	Rock scallops and the <i>Chlamys</i> species
NPFMC	Groundfish of the Bering Sea and Aleutian Islands Management Area and Groundfish of the Gulf of Alaska	Prohibited Species: Pacific halibut, Pacific herring, Pacific salmon, Steelhead trout, King crab, and Tanner crab. Forage Fish Species: Osmeridae family (eulachon, capelin, and other smelts), Myctophidae family (lanternfishes), Bathylagidae family (deep-sea smelts), Ammodytidae family (Pacific sand lance), Trichodontidae family (Pacific sand fish), Pholidae family (gunnels), Stichaeidae family (pricklebacks, warbonnets, eelblennys, cockscombs, and shannys), Gonostomatidae family (bristlemouths, lightfishes, and anglemouths), and Order Euphausiacea (krill). Grenadiers: Pacific grenadier, Popeye grenadier, Giant grenadier. Squids: Chiroteuthidae family, Cranchiidae family (glass squid), Gonatidae family (armhook squid), Onychoteuthidae family (hooked squid), and Order Sepioidea (North Pacific bobtail squid). Sculpins: Cottidae family, Hemitriptidae family, Psychrolutidae family, and Rhamphocottidae family.
SAFMC	Snapper-Grouper Fishery of the South Atlantic Region	Bank sea bass, cottonwick, longspine porgy, ocean triggerfish, and rock sea bass.
SAFMC	Dolphin and Wahoo Fishery of the Atlantic	Bullet mackerel, frigate mackerel.
WPFMC	American Samoa Archipelago Ecosystem	Black Precious Coral Complex, Coral Reef Ecosystem Multi-species Complex, Exploratory Area Precious Coral Complex, deepwater shrimps ( <i>Heterocarpus</i> spp.), slipper lobsters ( <i>Scyllaridae</i> ), spanner crab, and spiny lobsters ( <i>Panulirus</i> spp.)
WPFMC	Hawaii Archipelago Ecosystem	Bigeye scad, Hawaiian Archipelago Coral Reef Ecosystem Multi-species Complex, mackerel scad, slipper lobsters ( <i>Scyllaridae</i> ), and spiny lobsters ( <i>Panulirus</i> spp.).

National Marine Fisheries Service - 2022 Status of U.S. Fisheries

Tables E-G. Other Stocks

**Table E. Ecosystem Component Species**

Jurisdiction	FMP	Species contained in Ecosystem Component Group
WPFMC	Mariana Archipelago Ecosystem	Deepwater shrimps ( <i>Heterocarpus</i> spp.) - Guam and NMI, Black Precious Coral Complex - Guam and NMI, Coral Reef Ecosystem Multi-species Complex - Guam and NMI, Exploratory Area Precious Coral Complex - Guam and NMI, pronghorn spiny lobster - Guam and NMI, slipper lobsters ( <i>Scyllaridae</i> ) - Guam and NMI, and spanner crab - Guam and NMI.

**Table F. Data Collection Only Species**

Jurisdiction	FMP	Species contained in Data Collection Only Complex
CFMC	Corals and Reef Associated Plants and Invertebrates of Puerto Rico and the United States Virgin Islands	Invertebrates Data Collection Species Complex - fire corals, rose lace corals, encrusting gorgonian, deepwater sea fan, corky sea finger, <i>Carijoa riisei</i> , <i>Telesto</i> spp., sea whips, Venus sea fan, wide-mesh sea fan, common sea fan, sea plume, <i>P. albatrossae</i> , slimy sea plume, bipinnate plume, <i>P. rigida</i> , angular sea whip, yellow sea whip, warty sea rod, <i>E. clavigera</i> , doughnut sea rod, <i>E. knighti</i> , <i>E. laciniata</i> , <i>E. laxispica</i> , swollen-knob, shelf-knob sea rod, <i>E. townesforti</i> , <i>Muricea atlantica</i> , orange spiny rod, delicate spiny rod, spiny sea fan, long spine sea fan, <i>Muriceopsis</i> spp., rough sea plume, <i>M. sulphurea</i> , bent sea rod, black sea rod, slit-pore sea rod, <i>P. fusifera</i> , <i>P. grandiflora</i> , <i>P. grisea</i> , giant slit-pore, <i>Pseudoplexaura crucis</i> , <i>P. glagelloso</i> , porous sea rod, <i>P. wagneri</i> , staghorn coral, elkhorn coral, fused staghorn, lettuce leaf coral, fragile saucer, Lamarck's sheet, thin leaf lettuce, sunray lettuce, blushing star, flower coral, cup coral, tube coral, boulder coral, knobby brain coral, grooved brain, symmetrical brain, golfball coral, rose coral, Tortugas rose coral, boulder star coral, great star coral, smooth star coral, pillar coral, pancake star, elliptical star, maze coral, rough star coral, sinuous cactus, large flower coral, thin fungus coral, fat fungus coral, grooved fungus, fungus coral, artichoke coral, solitary disk, ivory bush coral, ten-ray star coral, yellow pencil, mustard hill coral, blue crust coral, small finger coral, finger coral, dwarf cup coral, hidden cup coral, lesser starlet, massive starlet, bushy black coral, and wire coral.
HMS	Consolidated Atlantic Highly Migratory Species	Atlantic Deepwater Shark Data Collection Species Complex - Arrowhead dogfish, Bahamas sawshark, blotched catshark, bramble shark, broadband lanternshark, broadgill catshark, Caribbean lanternshark, chain dogfish, cookiecutter shark, Cuban dogfish, deepwater catshark, dwarf catshark, fringe fin lanternshark, great lanternshark, green lanternshark, Greenland shark, gulper shark, Iceland catshark, kitefin shark, largetooth cookiecutter shark, lined lanternshark, little gulper shark, marbled catshark, needle dogfish, Portuguese shark, pygmy shark, roughskin dogfish, shortspine dogfish, smallfin catshark, smallmouth velvet dogfish, and smooth lanternshark.

**Table G. Stocks managed under an International Agreement**

Jurisdiction	FMP	Stock
IPHC	Species Managed Under International Agreement - International Pacific Halibut Commission	Pacific halibut - Pacific Coast / Alaska Overfishing - Unknown Not Overfished