

National Marine Fisheries Service - FY2012 Quarter 4

Appendix B. Assessment status for all 230 FSSI stocks at the end of FY2012 Quarter 4. For more information, please see the Species Information System Public Portal at www.st.nmfs.noaa.gov/sisPortal/.

Jurisdiction	FMP	Stock	Last Assessment		
			Year	Level ¹	Adequate?
NEFMC	Atlantic Herring	Atlantic herring - Northwestern Atlantic Coast	2012	4	Yes
NEFMC	Atlantic Sea Scallop	Sea scallop - Northwestern Atlantic Coast	2010	4	Yes
NEFMC	Deep-Sea Red Crab	Red deepsea crab - Northwestern Atlantic	2008	1	No
NEFMC	Northeast Multispecies	Acadian redfish - Gulf of Maine / Georges Bank	2012	4	Yes
NEFMC	Northeast Multispecies	American plaice - Gulf of Maine / Georges Bank	2012	4	Yes
NEFMC	Northeast Multispecies	Atlantic cod - Georges Bank	2012	4	Yes
NEFMC	Northeast Multispecies	Atlantic cod - Gulf of Maine	2012	4	Yes
NEFMC	Northeast Multispecies	Atlantic halibut - Northwestern Atlantic Coast	2012	3	Yes
NEFMC	Northeast Multispecies	Haddock - Georges Bank	2012	4	Yes
NEFMC	Northeast Multispecies	Haddock - Gulf of Maine	2012	4	Yes
NEFMC	Northeast Multispecies	Ocean pout - Northwestern Atlantic Coast	2012	1	No
NEFMC	Northeast Multispecies	Offshore hake - Northwestern Atlantic Coast	2011	-1	No
NEFMC	Northeast Multispecies	Pollock - Gulf of Maine / Georges Bank	2010	4	Yes
NEFMC	Northeast Multispecies	Red hake - Gulf of Maine / Northern Georges Bank	2011	1	No
NEFMC	Northeast Multispecies	Red hake - Southern Georges Bank / Mid-Atlantic	2011	1	No
NEFMC	Northeast Multispecies	Silver hake - Gulf of Maine / Northern Georges Bank	2011	1	No
NEFMC	Northeast Multispecies	Silver hake - Southern Georges Bank / Mid-Atlantic	2011	1	No
NEFMC	Northeast Multispecies	White hake - Gulf of Maine / Georges Bank	2008	4	Yes
NEFMC	Northeast Multispecies	Windowpane - Gulf of Maine / Georges Bank	2012	1	No
NEFMC	Northeast Multispecies	Windowpane - Southern New England / Mid-Atlantic	2012	1	No
NEFMC	Northeast Multispecies	Winter flounder - Georges Bank	2011	4	Yes
NEFMC	Northeast Multispecies	Winter flounder - Gulf of Maine	2011	1	No
NEFMC	Northeast Multispecies	Winter flounder - Southern New England / Mid-Atlantic	2011	4	Yes
NEFMC	Northeast Multispecies	Witch flounder - Northwestern Atlantic Coast	2012	4	Yes
NEFMC	Northeast Multispecies	Yellowtail flounder - Cape Cod / Gulf of Maine	2012	4	Yes
NEFMC	Northeast Multispecies	Yellowtail flounder - Georges Bank	2012	4	Yes
NEFMC	Northeast Multispecies	Yellowtail flounder - Southern New England / Mid-Atlantic	2012	4	Yes
NEFMC	Northeast Skate Complex	Barndoor skate - Georges Bank / Southern New England	2012	1	No
NEFMC	Northeast Skate Complex	Clearnose skate - Southern New England / Mid-Atlantic	2012	1	No

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			Year	Level ¹	Adequate?
NEFMC	Northeast Skate Complex	Little skate - Georges Bank / Southern New England	2012	1	No
NEFMC	Northeast Skate Complex	Rosette skate - Southern New England / Mid-Atlantic	2012	1	No
NEFMC	Northeast Skate Complex	Smooth skate - Gulf of Maine	2012	1	No
NEFMC	Northeast Skate Complex	Thorny skate - Gulf of Maine	2012	1	No
NEFMC	Northeast Skate Complex	Winter skate - Georges Bank / Southern New England	2012	1	No
NEFMC / MAFMC	Monkfish	Goosefish - Gulf of Maine / Northern Georges Bank	2010	4	Yes
NEFMC / MAFMC	Monkfish	Goosefish - Southern Georges Bank / Mid-Atlantic	2010	4	Yes
NEFMC / MAFMC	Spiny Dogfish	Spiny dogfish - Atlantic Coast	2011	4	Yes
MAFMC	Atlantic Mackerel, Squid and Butterfish	Atlantic mackerel - Gulf of Maine / Cape Hatteras	2010	-4	No
MAFMC	Atlantic Mackerel, Squid and Butterfish	Butterfish - Gulf of Maine / Cape Hatteras	2009	4	Yes
MAFMC	Atlantic Mackerel, Squid and Butterfish	Longfin inshore squid - Georges Bank / Cape Hatteras	2011	1	No
MAFMC	Atlantic Mackerel, Squid and Butterfish	Northern shortfin squid - Northwestern Atlantic Coast	2005	2	No
MAFMC	Atlantic Surfclam and Ocean Quahog	Atlantic surfclam - Mid-Atlantic Coast	2009	4	Yes
MAFMC	Atlantic Surfclam and Ocean Quahog	Ocean quahog - Atlantic Coast	2009	4	Yes
MAFMC	Bluefish	Bluefish - Atlantic Coast	2012	4	Yes
MAFMC	Summer Flounder, Scup and Black Sea Bass	Black sea bass - Mid-Atlantic Coast	2012	4	Yes
MAFMC	Summer Flounder, Scup and Black Sea Bass	Scup - Atlantic Coast	2012	4	Yes
MAFMC	Summer Flounder, Scup and Black Sea Bass	Summer flounder - Mid-Atlantic Coast	2012	4	Yes
MAFMC	Tilefish	Tilefish - Mid-Atlantic Coast	2009	3	Yes
SAFMC	Dolphin and Wahoo Fishery of the Atlantic	Dolphinfish - Southern Atlantic Coast	2000	2	No
SAFMC	Shrimp Fishery of the South Atlantic Region	Brown rock shrimp - Southern Atlantic Coast	2012	1	No
SAFMC	Shrimp Fishery of the South Atlantic Region	Brown shrimp - Southern Atlantic Coast	2012	1	No
SAFMC	Shrimp Fishery of the South Atlantic Region	Pink shrimp - Southern Atlantic Coast	2012	1	No
SAFMC	Shrimp Fishery of the South Atlantic Region	White shrimp - Southern Atlantic Coast	2012	1	No
SAFMC	Snapper-Grouper Fishery of the South Atlantic Region	Black grouper - Southern Atlantic Coast	2010	4	Yes
SAFMC	Snapper-Grouper Fishery of the South Atlantic Region	Black sea bass - Southern Atlantic Coast	2011	4	Yes
SAFMC	Snapper-Grouper Fishery of the South Atlantic Region	Gag - Southern Atlantic Coast	2006	4	No
SAFMC	Snapper-Grouper Fishery of the South Atlantic Region	Gray triggerfish - Southern Atlantic Coast	2001	-2	No
SAFMC	Snapper-Grouper Fishery of the South Atlantic Region	Greater amberjack - Southern Atlantic Coast	2008	4	Yes
SAFMC	Snapper-Grouper Fishery of the South Atlantic Region	Hogfish - Southern Atlantic Coast	2004	-2	No

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SAFMC	Snapper-Grouper Fishery of the South Atlantic Region	Nassau grouper - Southern Atlantic Coast / Gulf of Mexico	1976	1	No
SAFMC	Snapper-Grouper Fishery of the South Atlantic Region	Red grouper - Southern Atlantic Coast	2010	4	Yes
SAFMC	Snapper-Grouper Fishery of the South Atlantic Region	Red porgy - Southern Atlantic Coast	2006	4	No
SAFMC	Snapper-Grouper Fishery of the South Atlantic Region	Red snapper - Southern Atlantic Coast	2010	4	Yes
SAFMC	Snapper-Grouper Fishery of the South Atlantic Region	Scamp - Southern Atlantic Coast	1997	4	No
SAFMC	Snapper-Grouper Fishery of the South Atlantic Region	Snowy grouper - Southern Atlantic Coast	2004	4	No
SAFMC	Snapper-Grouper Fishery of the South Atlantic Region	Speckled hind - Southern Atlantic Coast	2001	2	No
SAFMC	Snapper-Grouper Fishery of the South Atlantic Region	Tilefish - Southern Atlantic Coast	2011	4	Yes
SAFMC	Snapper-Grouper Fishery of the South Atlantic Region	Vermilion snapper - Southern Atlantic Coast	2008	4	Yes
SAFMC	Snapper-Grouper Fishery of the South Atlantic Region	Warsaw grouper - Southern Atlantic Coast	2001	2	No
SAFMC	Snapper-Grouper Fishery of the South Atlantic Region	White grunt - Southern Atlantic Coast	2001	4	No
SAFMC	Snapper-Grouper Fishery of the South Atlantic Region	Wreckfish - Southern Atlantic Coast	2002	4	No
SAFMC / GMFMC	Coastal Migratory Pelagic Resources of the Gulf of Mexico and South Atlantic	Cobia - Gulf of Mexico	2001	4	No
SAFMC / GMFMC	Coastal Migratory Pelagic Resources of the Gulf of Mexico and South Atlantic	King mackerel - Gulf of Mexico	2008	4	Yes
SAFMC / GMFMC	Coastal Migratory Pelagic Resources of the Gulf of Mexico and South Atlantic	King mackerel - Southern Atlantic Coast	2008	4	Yes
SAFMC / GMFMC	Coastal Migratory Pelagic Resources of the Gulf of Mexico and South Atlantic	Little tunny - Gulf of Mexico	2002	1	No
SAFMC / GMFMC	Coastal Migratory Pelagic Resources of the Gulf of Mexico and South Atlantic	Spanish mackerel - Gulf of Mexico	2003	4	No
SAFMC / GMFMC	Coastal Migratory Pelagic Resources of the Gulf of Mexico and South Atlantic	Spanish mackerel - Southern Atlantic Coast	2008	4	Yes
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	2010	-3	No
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	2003	2	No
SAFMC / GMFMC	Spiny Lobster in the Gulf of Mexico and South Atlantic	Caribbean spiny lobster - Southern Atlantic Coast / Gulf of Mexico	2010	-4	No
GMFMC	Red Drum Fishery of the Gulf of Mexico	Red drum - Gulf of Mexico	2000	4	No
GMFMC	Reef Fish Resources of the Gulf of Mexico	Black grouper - Gulf of Mexico	2010	4	Yes
GMFMC	Reef Fish Resources of the Gulf of Mexico	Gag - Gulf of Mexico	2011	4	Yes
GMFMC	Reef Fish Resources of the Gulf of Mexico	Gray triggerfish - Gulf of Mexico	2011	4	Yes
GMFMC	Reef Fish Resources of the Gulf of Mexico	Greater amberjack - Gulf of Mexico	2011	3	Yes
GMFMC	Reef Fish Resources of the Gulf of Mexico	Hogfish - Gulf of Mexico	2004	-2	No

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GMFMC	Reef Fish Resources of the Gulf of Mexico	Red grouper - Gulf of Mexico	2009	4	Yes
GMFMC	Reef Fish Resources of the Gulf of Mexico	Red snapper - Gulf of Mexico	2009	4	Yes
GMFMC	Reef Fish Resources of the Gulf of Mexico	Snowy grouper - Gulf of Mexico			No
GMFMC	Reef Fish Resources of the Gulf of Mexico	Vermilion snapper - Gulf of Mexico	2011	4	Yes
GMFMC	Reef Fish Resources of the Gulf of Mexico	Yellowedge grouper - Gulf of Mexico	2011	4	Yes
GMFMC	Shrimp Fishery of the Gulf of Mexico	Brown shrimp - Gulf of Mexico	2012	4	Yes
GMFMC	Shrimp Fishery of the Gulf of Mexico	Pink shrimp - Gulf of Mexico	2012	4	No
GMFMC	Shrimp Fishery of the Gulf of Mexico	Royal red shrimp - Gulf of Mexico	2012	1	No
GMFMC	Shrimp Fishery of the Gulf of Mexico	White shrimp - Gulf of Mexico	2012	4	Yes
GMFMC	Stone Crab Fishery of the Gulf of Mexico	Stone crabs (Menippe spp.) - Gulf of Mexico	2008	3	Yes
CFMC	Queen Conch Resources of Puerto Rico and the United States Virgin Islands	Queen conch - Caribbean	2009	2	No
CFMC	Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Caribbean Grouper Unit 1 ²	2009	1	No
CFMC	Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Caribbean Grouper Unit 2 ³	2009	1	No
CFMC	Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Caribbean Grouper Unit 4 ⁴	2009	1	No
CFMC	Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Caribbean Snapper Unit 1 ⁵	2012	2	No
CFMC	Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Caribbean Snapper Unit 3 ⁶	2009	2	No
CFMC	Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Caribbean Snapper Unit 4 ⁷	2009	1	No
CFMC	Spiny Lobster Fishery of Puerto Rico and the U.S. Virgin Islands	Caribbean spiny lobster - Caribbean	2009	2	No
PFMC	Coastal Pelagic Species	Jack mackerel - Pacific Coast	1983	0	No
PFMC	Coastal Pelagic Species	Northern anchovy - Northern Pacific Coast	1995	4	No
PFMC	Coastal Pelagic Species	Northern anchovy - Southern Pacific Coast	1995	0	No
PFMC	Coastal Pelagic Species	Opalescent inshore squid - Pacific Coast	2006	2	No
PFMC	Coastal Pelagic Species	Pacific chub mackerel - Pacific Coast	2012	4	Yes
PFMC	Coastal Pelagic Species	Pacific sardine - Pacific Coast	2011	4	Yes
PFMC	Pacific Coast Groundfish	Arrowtooth flounder - Pacific Coast	2007	4	No
PFMC	Pacific Coast Groundfish	Bank rockfish - California	2000	2	No
PFMC	Pacific Coast Groundfish	Black rockfish - Northern Pacific Coast	2007	4	No

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PFMC	Pacific Coast Groundfish	Blackgill rockfish - Southern California	2011	4	Yes
PFMC	Pacific Coast Groundfish	Blue rockfish - California	2007	4	Yes
PFMC	Pacific Coast Groundfish	Bocaccio - Southern Pacific Coast	2011	4	Yes
PFMC	Pacific Coast Groundfish	Brown rockfish - Pacific Coast			No
PFMC	Pacific Coast Groundfish	Cabezon - California	2009	4	Yes
PFMC	Pacific Coast Groundfish	California scorpionfish - Southern California	2005	4	No
PFMC	Pacific Coast Groundfish	Canary rockfish - Pacific Coast	2011	4	Yes
PFMC	Pacific Coast Groundfish	Chilipepper - Southern Pacific Coast	2007	4	No
PFMC	Pacific Coast Groundfish	Cowcod - Southern California	2009	3	Yes
PFMC	Pacific Coast Groundfish	Darkblotched rockfish - Pacific Coast	2011	4	Yes
PFMC	Pacific Coast Groundfish	Dover sole - Pacific Coast	2011	4	Yes
PFMC	Pacific Coast Groundfish	English sole - Pacific Coast	2007	4	No
PFMC	Pacific Coast Groundfish	Gopher rockfish - Northern California	2005	4	No
PFMC	Pacific Coast Groundfish	Kelp greenling - Oregon	2005	4	No
PFMC	Pacific Coast Groundfish	Lingcod - Pacific Coast	2009	4	Yes
PFMC	Pacific Coast Groundfish	Longnose skate - Pacific Coast	2007	4	No
PFMC	Pacific Coast Groundfish	Longspine thornyhead - Pacific Coast	2005	3	No
PFMC	Pacific Coast Groundfish	Pacific cod - Pacific Coast			No
PFMC	Pacific Coast Groundfish	Pacific grenadier - Pacific Coast			No
PFMC	Pacific Coast Groundfish	Pacific hake - Pacific Coast	2012	4	Yes
PFMC	Pacific Coast Groundfish	Pacific ocean perch - Pacific Coast	2011	4	Yes
PFMC	Pacific Coast Groundfish	Pacific sanddab - Pacific Coast			No
PFMC	Pacific Coast Groundfish	Petrable sole - Pacific Coast	2011	4	Yes
PFMC	Pacific Coast Groundfish	Rex sole - Pacific Coast			No
PFMC	Pacific Coast Groundfish	Rougeye rockfish - Pacific Coast			No
PFMC	Pacific Coast Groundfish	Sablefish - Pacific Coast	2011	4	Yes
PFMC	Pacific Coast Groundfish	Sand sole - Pacific Coast			No
PFMC	Pacific Coast Groundfish	Shortbelly rockfish - Pacific Coast	2007	4	No
PFMC	Pacific Coast Groundfish	Shortspine thornyhead - Pacific Coast	2005	3	No
PFMC	Pacific Coast Groundfish	Spiny dogfish - Pacific Coast	2011	4	Yes
PFMC	Pacific Coast Groundfish	Splitnose rockfish - Pacific Coast	2009	4	Yes
PFMC	Pacific Coast Groundfish	Starry flounder - Pacific Coast	2005	4	No

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PFMC	Pacific Coast Groundfish	Vermilion rockfish - California	2005	-4	No
PFMC	Pacific Coast Groundfish	Widow rockfish - Pacific Coast	2011	4	Yes
PFMC	Pacific Coast Groundfish	Yelloweye rockfish - Pacific Coast	2011	4	Yes
PFMC	Pacific Coast Groundfish	Yellowtail rockfish - Northern Pacific Coast	2005	4	No
PFMC	U.S. West Coast Fisheries for Highly Migratory Species	Skipjack tuna - Eastern Tropical Pacific	2012	2	No
PFMC	U.S. West Coast Fisheries for Highly Migratory Species	Striped marlin - Eastern Tropical Pacific	2008	3	Yes
PFMC	U.S. West Coast Fisheries for Highly Migratory Species	Yellowfin tuna - Eastern Tropical Pacific	2012	4	Yes
PFMC / WPFMC	U.S. West Coast Fisheries for Highly Migratory Species / Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Albacore - North Pacific	2011	4	Yes
PFMC / WPFMC	U.S. West Coast Fisheries for Highly Migratory Species / Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Bigeye tuna - Pacific ⁸	2012	4	Yes
PFMC / WPFMC	U.S. West Coast Fisheries for Highly Migratory Species / Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Blue shark - Pacific	2009	4	Yes
PFMC / WPFMC	U.S. West Coast Fisheries for Highly Migratory Species / Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Dolphinfish - Pacific			No
PFMC / WPFMC	U.S. West Coast Fisheries for Highly Migratory Species / Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Pacific bluefin tuna - Pacific	2009	4	Yes
PFMC / WPFMC	U.S. West Coast Fisheries for Highly Migratory Species / Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Swordfish - North Pacific ⁹	2010	4	Yes
WPFMC	Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Albacore - South Pacific	2011	4	Yes
WPFMC	Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Indo-Pacific blue marlin - Pacific	2002	4	No
WPFMC	Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Kawakawa - Tropical Pacific			No
WPFMC	Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Opah - Pacific			No
WPFMC	Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Shortbill spearfish - Pacific			No
WPFMC	Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Skipjack tuna - Central Western Pacific	2011	4	Yes

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WPFMC	Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Striped marlin - Central Western Pacific	2008	3	Yes
WPFMC	Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Wahoo - Pacific			No
WPFMC	Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Yellowfin tuna - Central Western Pacific	2011	4	Yes
WPFMC	American Samoa Archipelago Ecosystem	American Samoa Bottomfish Multi-species Complex	2012	3	Yes
WPFMC	Hawaii Archipelago Ecosystem	Bigeye scad - Hawaiian Archipelago	2000	2	No
WPFMC	Hawaii Archipelago Ecosystem	Hancock Seamount Groundfish Complex	2001	0	No
WPFMC	Hawaii Archipelago Ecosystem	Main Hawaiian Islands Deep 7 Bottomfish Multi-species Complex	2011	3	Yes
WPFMC	Hawaii Archipelago Ecosystem	Hawaiian Archipelago Coral Reef Ecosystem Multi-species Complex			No
WPFMC	Hawaii Archipelago Ecosystem	Mackerel scad - Hawaiian Archipelago	2000	2	No
WPFMC	Mariana Archipelago Ecosystem	Guam Bottomfish Multi-species Complex	2012	3	Yes
NPFMC	Bering Sea/Aleutian Islands King and Tanner Crabs	Blue king crab - Pribilof Islands	2011	1	No
NPFMC	Bering Sea/Aleutian Islands King and Tanner Crabs	Blue king crab - Saint Matthews Island	2011	1	No
NPFMC	Bering Sea/Aleutian Islands King and Tanner Crabs	Golden king crab - Aleutian Islands	2011	1	No
NPFMC	Bering Sea/Aleutian Islands King and Tanner Crabs	Red king crab - Bristol Bay	2011	4	Yes
NPFMC	Bering Sea/Aleutian Islands King and Tanner Crabs	Red king crab - Norton Sound	2011	4	Yes
NPFMC	Bering Sea/Aleutian Islands King and Tanner Crabs	Red king crab - Pribilof Islands	2011	1	No
NPFMC	Bering Sea/Aleutian Islands King and Tanner Crabs	Red king crab - Western Aleutian Islands	2011	1	No
NPFMC	Bering Sea/Aleutian Islands King and Tanner Crabs	Snow crab - Bering Sea	2011	4	Yes
NPFMC	Bering Sea/Aleutian Islands King and Tanner Crabs	Southern Tanner crab - Bering Sea	2011	1	No
NPFMC	Groundfish of the Bering Sea and Aleutian Islands Management Area	Alaska plaice - Bering Sea / Aleutian Islands	2011	4	Yes
NPFMC	Groundfish of the Bering Sea and Aleutian Islands Management Area	Atka mackerel - Bering Sea / Aleutian Islands	2011	4	Yes
NPFMC	Groundfish of the Bering Sea and Aleutian Islands Management Area	Arrowtooth flounder - Bering Sea / Aleutian Islands ¹⁰	2011	5	Yes
NPFMC	Groundfish of the Bering Sea and Aleutian Islands Management Area	Bering Sea / Aleutian Islands Blackspotted and Rougheye Rockfish Complex	2011	4	Yes
NPFMC	Groundfish of the Bering Sea and Aleutian Islands Management Area	Bering Sea / Aleutian Islands Flathead Sole Complex ¹¹	2011	5	Yes
NPFMC	Groundfish of the Bering Sea and Aleutian Islands Management Area	Bering Sea / Aleutian Islands Rock Sole Complex ¹²	2011	4	Yes

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NPFMC	Groundfish of the Bering Sea and Aleutian Islands Management Area	Greenland halibut - Bering Sea / Aleutian Islands	2011	4	Yes
NPFMC	Groundfish of the Bering Sea and Aleutian Islands Management Area	Northern rockfish - Bering Sea / Aleutian Islands	2011	4	Yes
NPFMC	Groundfish of the Bering Sea and Aleutian Islands Management Area	Pacific cod - Bering Sea / Aleutian Islands	2011	4	Yes
NPFMC	Groundfish of the Bering Sea and Aleutian Islands Management Area	Pacific ocean perch - Bering Sea / Aleutian Islands	2011	4	Yes
NPFMC	Groundfish of the Bering Sea and Aleutian Islands Management Area	Walleye pollock - Aleutian Islands	2011	4	Yes
NPFMC	Groundfish of the Bering Sea and Aleutian Islands Management Area	Walleye pollock - Eastern Bering Sea	2011	4	Yes
NPFMC	Groundfish of the Bering Sea and Aleutian Islands Management Area	Yellowfin sole - Bering Sea / Aleutian Islands	2011	5	Yes
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	2011	4	Yes
NPFMC	Groundfish of the Gulf of Alaska	Arrowtooth flounder - Gulf of Alaska	2011	4	Yes
NPFMC	Groundfish of the Gulf of Alaska	Dusky rockfish - Gulf of Alaska ¹³	2011	4	Yes
NPFMC	Groundfish of the Gulf of Alaska	Flathead sole - Gulf of Alaska	2011	4	Yes
NPFMC	Groundfish of the Gulf of Alaska	Gulf of Alaska Blackspotted and Rougheye Rockfish Complex	2011	4	Yes
NPFMC	Groundfish of the Gulf of Alaska	Gulf of Alaska Deepwater Flatfish Complex ¹⁴	2011	3	Yes
NPFMC	Groundfish of the Gulf of Alaska	Gulf of Alaska Demersal Shelf Rockfish Complex ¹⁵	2011	2	No
NPFMC	Groundfish of the Gulf of Alaska	Gulf of Alaska Thornyhead Rockfish Complex ¹⁶	2011	3	Yes
NPFMC	Groundfish of the Gulf of Alaska	Northern rockfish - Western / Central Gulf of Alaska	2011	4	Yes
NPFMC	Groundfish of the Gulf of Alaska	Pacific cod - Gulf of Alaska	2011	4	Yes
NPFMC	Groundfish of the Gulf of Alaska	Pacific ocean perch - Gulf of Alaska	2011	4	Yes
NPFMC	Groundfish of the Gulf of Alaska	Rex sole - Gulf of Alaska	2011	4	Yes
NPFMC	Groundfish of the Gulf of Alaska	Walleye pollock - Western / Central Gulf of Alaska	2011	4	Yes
HMS	Consolidated Atlantic Highly Migratory Species	Albacore - North Atlantic	2009	4	Yes
HMS	Consolidated Atlantic Highly Migratory Species	Atlantic Large Coastal Shark Complex	2006	-3	No
HMS	Consolidated Atlantic Highly Migratory Species	Atlantic sharpnose shark - Atlantic	2007	4	Yes
HMS	Consolidated Atlantic Highly Migratory Species	Atlantic Small Coastal Shark Complex	2007	3	Yes
HMS	Consolidated Atlantic Highly Migratory Species	Bigeye tuna - Atlantic	2010	3	Yes
HMS	Consolidated Atlantic Highly Migratory Species	Blacknose shark - Atlantic	2011	4	Yes
HMS	Consolidated Atlantic Highly Migratory Species	Blacktip shark - Gulf of Mexico	2012	4	Yes

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HMS	Consolidated Atlantic Highly Migratory Species	Blacktip shark - South Atlantic	2006	-4	No
HMS	Consolidated Atlantic Highly Migratory Species	Blue marlin - Atlantic	2011	3	Yes
HMS	Consolidated Atlantic Highly Migratory Species	Blue shark - Atlantic	2008	4	Yes
HMS	Consolidated Atlantic Highly Migratory Species	Bluefin tuna - Western Atlantic	2010	4	Yes
HMS	Consolidated Atlantic Highly Migratory Species	Bonnethead - Atlantic	2007	4	Yes
HMS	Consolidated Atlantic Highly Migratory Species	Dusky shark - Atlantic	2011	4	Yes
HMS	Consolidated Atlantic Highly Migratory Species	Finetooth shark - Atlantic	2007	3	Yes
HMS	Consolidated Atlantic Highly Migratory Species	Porbeagle - Atlantic	2009	3	Yes
HMS	Consolidated Atlantic Highly Migratory Species	Sailfish - Western Atlantic	2009	3	Yes
HMS	Consolidated Atlantic Highly Migratory Species	Sandbar shark - Atlantic	2011	4	Yes
HMS	Consolidated Atlantic Highly Migratory Species	Shortfin mako - Atlantic	2008	4	Yes
HMS	Consolidated Atlantic Highly Migratory Species	Swordfish - North Atlantic	2009	4	Yes
HMS	Consolidated Atlantic Highly Migratory Species	White marlin - Atlantic	2008	1	No
HMS	Consolidated Atlantic Highly Migratory Species	Yellowfin tuna - Western Atlantic	2011	4	Yes

Footnotes

¹Level of complexity of assessment methods used for the particular stock. Generally reflects the availability of data and the value or importance of the fishery. Levels are described in the Stock Assessment Improvement Plan (<http://www.st.nmfs.noaa.gov/StockAssessment/index.html>). A negative level indicates that an assessment was attempted at that level of complexity, but the effort was not accepted in its technical review.

²Grouper Unit 1 is a single species complex; the stock assessment was conducted for Nassau grouper - Caribbean.

³Grouper Unit 2 is a single species complex; the stock assessment was conducted for Goliath grouper - Caribbean.

⁴The stock assessment listed is for the Grouper Unit 4 indicator stock, Yellowfin grouper - Caribbean.

⁵The stock assessment listed is for one of the Snapper Unit 1 component stocks, Silk snapper - Caribbean.

⁶No indicator species has been identified for Snapper Unit 3. The stock assessment listed is for Mutton snapper - Caribbean, which has more data available than the other species in the complex.

⁷Snapper Unit 4 is a single species complex; the stock assessment was conducted for Yellowtail snapper - Caribbean.

⁸The Pacific stock of bigeye tuna is assessed as two substocks - Eastern Tropical Pacific and Central Western Pacific. The 2012 assessment was for the Eastern substock. The western

⁹The North Pacific stock of swordfish is assessed as two substocks - Eastern Tropical Pacific and Central Western Pacific. Both substocks were assessed in 2011.

¹⁰Beginning in 2011, arrowtooth flounder is no longer managed as part of a complex in the Bering Sea / Aleutian Islands.

¹¹The stock assessment listed is for the Flathead Sole Complex indicator stock, Flathead sole - Bering Sea / Aleutian Islands.

¹²The stock assessment listed is for the Rock Sole Complex indicator stock, Northern rock sole - Bering Sea / Aleutian Islands.

¹³Beginning in 2011, dusky rockfish is no longer managed as part of a complex in the Gulf of Alaska.

¹⁴The assessment for the Deep Water Flatfish Complex assessment was reviewed in 2011 and now has no indicator stock.

¹⁵The stock assessment listed is for the Demersal Shelf Rockfish Complex indicator stock, Yelloweye rockfish - Gulf of Alaska.

¹⁶The stock assessment listed is for the Thornyhead Rockfish Complex indicator stock, Shortspine thornyhead - Gulf of Alaska.