

National Marine Fisheries Service

Quarter 3 Fiscal Year 2021

Appendix E. Most recent assessment information for all Non-FSSI stocks. Changes in assessment information relative to the previous fish assessment quarterly report are highlighted with red text. Hyperlinks provide access to stock-specific assessment records in Stock SMART

Science Center(s) 1	Jurisdiction ²	Stock	Assessment		Assessment Notes
			Fiscal Year	Model Type ³	
AFSC	NPFMC	Blue king crab - Pribilof Islands	2021	2	
AFSC	NPFMC	Blue king crab - Saint Matthew Island	2020	5	
AFSC	NPFMC	Golden king crab - Pribilof Islands	--	--	Managed using historical average catch
AFSC	NPFMC	Red king crab - Pribilof Islands	2020	5	
AFSC	NPFMC	Red king crab - Western Aleutian Islands	--	--	Managed using historical average catch
AFSC	NPFMC	Arctic cod - Arctic Management Area	--	--	Stock has never been assessed
AFSC	NPFMC	Saffron cod - Arctic Management Area	--	--	Stock has never been assessed
AFSC	NPFMC	Snow crab - Arctic Management Area	--	--	Stock has never been assessed
AFSC	NPFMC	Bering Sea / Aleutian Islands Blackspotted and Rougheye Rockfish Complex	2021	6	Stock assessed as a complex
AFSC	NPFMC	Bering Sea / Aleutian Islands Octopus Complex	2019	1	Indicator stock - Giant octopus - Bering Sea / Aleutian Islands
AFSC	NPFMC	Bering Sea / Aleutian Islands Other Flatfish Complex	2021	2	Stock assessed as a complex
AFSC	NPFMC	Bering Sea / Aleutian Islands Other Rockfish Complex	2021	2	Stock assessed as a complex
AFSC	NPFMC	Bering Sea / Aleutian Islands Sculpin Complex	2020	2	Stock assessed as a complex
AFSC	NPFMC	Bering Sea / Aleutian Islands Shark Complex	--	--	Stock has never been assessed
AFSC	NPFMC	Shortraker rockfish - Bering Sea / Aleutian Islands	2021	2	
AFSC	NPFMC	Atka mackerel - Gulf of Alaska	--	--	Managed using historical average catch
AFSC	NPFMC	Big skate - Gulf of Alaska	2020	2	Assessed as a part of the Gulf of Alaska Skate Complex
AFSC	NPFMC	Gulf of Alaska Deepwater Flatfish Complex	2021	6	Indicator stock - Dover sole - Gulf of Alaska Other Deepwater Flatfish managed using historical average catch
AFSC	NPFMC	Gulf of Alaska Octopus Complex	2020	0	Indicator stock - Giant octopus - Gulf of Alaska; Managed using historical average catch

National Marine Fisheries Service

Quarter 3 Fiscal Year 2021

Science Center(s) 1	Jurisdiction ²	Stock	Assessment		Assessment Notes
			Fiscal Year	Model Type ³	
AFSC	NPFMC	Gulf of Alaska Other Rockfish Complex	2020	2	Stock assessed as a complex
AFSC	NPFMC	Gulf of Alaska Sculpin Complex	2020	2	Stock assessed as a complex
AFSC	NPFMC	Gulf of Alaska Shark Complex	2021	2	Stock assessed as a complex
AFSC	NPFMC	Gulf of Alaska Skate Complex	2020	2	Stock assessment for 'Other Skates' portion of stock
AFSC	NPFMC	Longnose skate - Gulf of Alaska	2020	2	Assessed as a part of the Gulf of Alaska Skate Complex
AFSC	NPFMC	Walleye pollock - Southeast Gulf of Alaska	2021	2	
AFSC	NPFMC	Alaska Coho Salmon Assemblage	2020	4	Indicator stock -- Coho salmon - Auke Creek
					Indicator stock -- Coho salmon - Berners River
					Indicator stock -- Coho salmon - Hugh Smith Lake
AFSC	NPFMC	Chinook salmon - Eastern North Pacific Far North Migrating	2020	4	
AFSC	NPFMC	Weathervane scallop - Alaska	2021	2	
NEFSC	MAFMC	Atlantic chub mackerel - Mid-Atlantic Coast	--	--	Stock has never been assessed
NEFSC	MAFMC	Blueline tilefish - Mid-Atlantic Coast	2018	1	
NEFSC	NEFMC	Atlantic salmon - Gulf of Maine	2020	2	
NEFSC	NEFMC	Red deepsea crab - Northwestern Atlantic	2006	2	
NEFSC	NEFMC	Atlantic wolffish - Gulf of Maine / Georges Bank	2020	5	
NEFSC	NEFMC	Ocean pout - Northwestern Atlantic Coast	2020	2	
NEFSC	NEFMC	Offshore hake - Northwestern Atlantic Coast	2020	2	
NEFSC	NEFMC	Red hake - Gulf of Maine / Northern Georges Bank	2020	2	
NEFSC	NEFMC	Windowpane - Southern New England / Mid-Atlantic	2020	2	
NEFSC	NEFMC	Windowpane - Gulf of Maine / Georges Bank	2020	2	
NEFSC	NEFMC	Yellowtail flounder - Georges Bank	2020	2	TRAC stock - jointly managed by US and Canada
NEFSC	NEFMC	Barndoor skate - Georges Bank / Southern New England	2020	2	
NEFSC	NEFMC	Clearnose skate - Southern New England / Mid-Atlantic	2020	2	

National Marine Fisheries Service
Quarter 3 Fiscal Year 2021

Science Center(s) ¹	Jurisdiction ²	Stock	Assessment		Assessment Notes
			Fiscal Year	Model Type ³	
NEFSC	NEFMC	Rosette skate - Southern New England / Mid-Atlantic	2020	2	
NEFSC	NEFMC	Smooth skate - Gulf of Maine	2020	2	
NEFSC	NEFMC	Thorny skate - Gulf of Maine	2020	2	
NWFSC / SWFSC	PFMC	Black rockfish - Washington	2019	6	
NWFSC / SWFSC	PFMC	China rockfish - Central Pacific Coast	2019	6	
NWFSC / SWFSC	PFMC	China rockfish - Northern Pacific Coast	2019	6	
NWFSC / SWFSC	PFMC	China rockfish - Southern Pacific Coast	2019	6	
NWFSC / SWFSC	PFMC	Copper rockfish - Pacific Coast	2014	3	
NWFSC / SWFSC	PFMC	Greenspotted rockfish - Pacific Coast	2011	6	
NWFSC / SWFSC	PFMC	Greenstriped rockfish - Pacific Coast	2009	6	
NWFSC / SWFSC	PFMC	Northern Pacific Coast Minor Nearshore Rockfish Complex	2019	6	This complex contains multiple members that are assessed on an as-needed basis as individual stocks. The record represents the most recent assessment of a member stock - China rockfish - Northern Pacific Coast
NWFSC / SWFSC	PFMC	Northern Pacific Coast Minor Shelf Rockfish Complex	2013	3	This complex contains multiple members that are assessed on an as-needed basis as individual stocks. The record represents the most recent assessment of a member stock - Stripetail rockfish - Pacific Coast
NWFSC / SWFSC	PFMC	Northern Pacific Coast Minor Slope Rockfish Complex	2013	3	This complex contains multiple members that are assessed on an as-needed basis as individual stocks. The record represents the most recent assessment of a member stock - Sharpchin rockfish - Pacific Coast
NWFSC / SWFSC	PFMC	Pacific Coast Blackspotted and Rougheye Rockfish Complex	2019	6	Stock assessed as a complex
NWFSC / SWFSC	PFMC	Pacific Coast Other Flatfish Complex	2013	3	This complex contains multiple members that are assessed on an as-needed basis as individual stocks. The record represents the most recent assessment of a member stock - Rex sole - Pacific Coast

National Marine Fisheries Service
Quarter 3 Fiscal Year 2021

Science Center(s) 1	Jurisdiction ²	Stock	Assessment		Assessment Notes
			Fiscal Year	Model Type ³	
NWFSC / SWFSC	PFMC	Pacific Coast Other Groundfish Complex	--	--	This complex contains multiple members that are assessed on an as-needed basis as individual stocks. No complex members have ever been assessed.
NWFSC / SWFSC	PFMC	Pacific cod - Pacific Coast	--	--	Stock has never been assessed
NWFSC / SWFSC	PFMC	Pacific hake - Pacific Coast	2021	6	
NWFSC / SWFSC	PFMC	Southern Pacific Coast Minor Nearshore Rockfish Complex	2019	6	This complex contains multiple members that are assessed on an as-needed basis as individual stocks. The record represents the most recent assessment of a member stock - California Blue and Deacon Rockfish Complex
NWFSC / SWFSC	PFMC	Southern Pacific Coast Minor Shelf Rockfish Complex	2011	6	This complex contains multiple members that are assessed on an as-needed basis as individual stocks. The record represents the most recent assessment of a member stock - Greenspotted rockfish - Pacific Coast
NWFSC / SWFSC	PFMC	Southern Pacific Coast Minor Slope Rockfish Complex	2013	6	This complex contains multiple members that are assessed on an as-needed basis as individual stocks. The record represents the most recent assessment of a member stock - Aurora rockfish - Pacific Coast
NWFSC / SWFSC	PFMC	Splitnose rockfish - Pacific Coast	2009	6	
NWFSC / SWFSC	PFMC	Starry flounder - Pacific Coast	2017	1	Indicator stock -- Starry flounder - Northern Pacific Coast Indicator stock -- Starry flounder - Southern Pacific Coast
NWFSC / SWFSC	PFMC	Yelloweye rockfish - Pacific Coast	2017	6	
NWFSC / SWFSC	PFMC	Chinook salmon - California Central Valley: Sacramento River Spring	2021	3	
NWFSC / SWFSC	PFMC	Chinook salmon - California Central Valley: Sacramento River Winter	2021	4	
NWFSC / SWFSC	PFMC	Chinook salmon - Columbia River Basin: Lower River Hatchery Fall	2021	4	
NWFSC / SWFSC	PFMC	Chinook salmon - Columbia River Basin: Lower River Hatchery Spring	2021	2	

National Marine Fisheries Service

Quarter 3 Fiscal Year 2021

Science Center(s) 1	Jurisdiction ²	Stock	Assessment		Assessment Notes
			Fiscal Year	Model Type ³	
NWFSC / SWFSC	PFMC	Chinook salmon - Columbia River Basin: Mid-River Bright Hatchery Fall	2021	4	
NWFSC / SWFSC	PFMC	Chinook salmon - Columbia River Basin: North Lewis River Fall	2021	4	
NWFSC / SWFSC	PFMC	Chinook salmon - Columbia River Basin: Snake River Fall	2021	4	
NWFSC / SWFSC	PFMC	Chinook salmon - Columbia River Basin: Snake River Spring/Summer	2021	4	
NWFSC / SWFSC	PFMC	Chinook salmon - Columbia River Basin: Spring Creek Hatchery Fall	2021	4	
NWFSC / SWFSC	PFMC	Chinook salmon - Columbia River Basin: Upper River Bright Fall	2021	4	
NWFSC / SWFSC	PFMC	Chinook salmon - Columbia River Basin: Upper River Spring	2021	4	
NWFSC / SWFSC	PFMC	Chinook salmon - Columbia River Basin: Upper River Summer	2021	4	
NWFSC / SWFSC	PFMC	Chinook salmon - Columbia River Basin: Upper Willamette Spring	2021	4	
NWFSC / SWFSC	PFMC	Chinook salmon - Northern California Coast: California Coastal	2021	2	
NWFSC / SWFSC	PFMC	Chinook salmon - Northern California Coast: Klamath River Spring	2021	2	
NWFSC / SWFSC	PFMC	Chinook salmon - Northern California Coast: Smith River	2021	--	Stock has never been assessed
NWFSC / SWFSC	PFMC	Chinook salmon - Oregon Coast: Central and Northern Oregon	2021	4	
NWFSC / SWFSC	PFMC	Chinook salmon - Oregon Coast: Southern Oregon	2021	4	
NWFSC / SWFSC	PFMC	Chinook salmon - Puget Sound: Cedar River Summer/Fall	2021	4	
NWFSC / SWFSC	PFMC	Chinook salmon - Puget Sound: Eastern Strait of Juan de Fuca Summer/Fall	2021	4	
NWFSC / SWFSC	PFMC	Chinook salmon - Puget Sound: Green River Summer/Fall	2021	4	
NWFSC / SWFSC	PFMC	Chinook salmon - Puget Sound: Mid Hood Canal Summer/Fall	2021	4	
NWFSC / SWFSC	PFMC	Chinook salmon - Puget Sound: Nisqually River Summer/Fall	2021	4	
NWFSC / SWFSC	PFMC	Chinook salmon - Puget Sound: Nooksack Spring Early	2021	4	

National Marine Fisheries Service
Quarter 3 Fiscal Year 2021

Science Center(s) 1	Jurisdiction ²	Stock	Assessment		Assessment Notes
			Fiscal Year	Model Type ³	
NWFSC / SWFSC	PFMC	Chinook salmon - Puget Sound: Puyallup Summer/Fall	2021	4	
NWFSC / SWFSC	PFMC	Chinook salmon - Puget Sound: Skagit Spring	2021	4	
NWFSC / SWFSC	PFMC	Chinook salmon - Puget Sound: Skagit Summer/Fall	2021	4	
NWFSC / SWFSC	PFMC	Chinook salmon - Puget Sound: Skokomish Summer/Fall	2021	2	
NWFSC / SWFSC	PFMC	Chinook salmon - Puget Sound: Snohomish Summer/Fall	2021	4	
NWFSC / SWFSC	PFMC	Chinook salmon - Puget Sound: Stillaguamish Summer/Fall	2021	4	
NWFSC / SWFSC	PFMC	Chinook salmon - Puget Sound: White River Spring	2021	4	
NWFSC / SWFSC	PFMC	Chinook salmon - Washington Coast: Grays Harbor Fall	2021	4	
NWFSC / SWFSC	PFMC	Chinook salmon - Washington Coast: Grays Harbor Spring	2021	4	
NWFSC / SWFSC	PFMC	Chinook salmon - Washington Coast: Hoh Fall	2021	4	
NWFSC / SWFSC	PFMC	Chinook salmon - Washington Coast: Hoh Spring/Summer	2021	4	
NWFSC / SWFSC	PFMC	Chinook salmon - Washington Coast: Hoko Summer/Fall	2021	4	
NWFSC / SWFSC	PFMC	Chinook salmon - Washington Coast: Queets Fall	2021	4	
NWFSC / SWFSC	PFMC	Chinook salmon - Washington Coast: Queets Spring/Summer	2021	4	
NWFSC / SWFSC	PFMC	Chinook salmon - Washington Coast: Quillayute Fall	2021	4	
NWFSC / SWFSC	PFMC	Chinook salmon - Washington Coast: Quillayute Spring/Summer	2021	4	
NWFSC / SWFSC	PFMC	Chinook salmon - Washington Coast: Quinault Fall Hatchery	2021	4	
NWFSC / SWFSC	PFMC	Chinook salmon - Washington Coast: Willapa Bay Fall Hatchery	2021	4	
NWFSC / SWFSC	PFMC	Chinook salmon - Washington Coast: Willapa Bay Fall Natural	2021	4	
NWFSC / SWFSC	PFMC	Coho salmon - Oregon Production Index Area: Central California Coast	2021	2	
NWFSC / SWFSC	PFMC	Coho salmon - Oregon Production Index Area: Columbia River Early Hatchery	2021	4	

National Marine Fisheries Service
Quarter 3 Fiscal Year 2021

Science Center(s) 1	Jurisdiction ²	Stock	Assessment		Assessment Notes
			Fiscal Year	Model Type ³	
NWFSC / SWFSC	PFMC	Coho salmon - Oregon Production Index Area: Columbia River Late Hatchery	2021	4	
NWFSC / SWFSC	PFMC	Coho salmon - Oregon Production Index Area: Lower Columbia Natural	2021	2	
NWFSC / SWFSC	PFMC	Coho salmon - Oregon Production Index Area: Oregon Coast Hatchery	2021	4	
NWFSC / SWFSC	PFMC	Coho salmon - Oregon Production Index Area: Oregon Coast Natural	2021	4	
NWFSC / SWFSC	PFMC	Coho salmon - Oregon Production Index Area: Southern Oregon/Northern California Coast	2021	2	
NWFSC / SWFSC	PFMC	Coho salmon - Puget Sound: Hood Canal	2021	4	
NWFSC / SWFSC	PFMC	Coho salmon - Puget Sound: Skagit	2021	3	
NWFSC / SWFSC	PFMC	Coho salmon - Puget Sound: Snohomish	2021	3	
NWFSC / SWFSC	PFMC	Coho salmon - Puget Sound: South Puget Sound Hatchery	2021	3	
NWFSC / SWFSC	PFMC	Coho salmon - Puget Sound: Stillaguamish	2021	4	
NWFSC / SWFSC	PFMC	Coho salmon - Washington Coast: Grays Harbor	2021	3	
NWFSC / SWFSC	PFMC	Coho salmon - Washington Coast: Hoh	2021	3	
NWFSC / SWFSC	PFMC	Coho salmon - Washington Coast: Queets	2021	3	
NWFSC / SWFSC	PFMC	Coho salmon - Washington Coast: Quillayute Fall	2021	3	
NWFSC / SWFSC	PFMC	Coho salmon - Washington Coast: Quillayute Summer Hatchery	2021	3	
NWFSC / SWFSC	PFMC	Coho salmon - Washington Coast: Quinault Hatchery	2021	2	
NWFSC / SWFSC	PFMC	Coho salmon - Washington Coast: Strait of Juan de Fuca	2021	3	
NWFSC / SWFSC	PFMC	Coho salmon - Washington Coast: Willapa Bay Hatchery	2021	3	
NWFSC / SWFSC	PFMC	Coho salmon - Washington Coast: Willapa Bay Natural	2021	3	
NWFSC / SWFSC	PFMC	Pink salmon - Puget Sound	2021	2	

National Marine Fisheries Service
Quarter 3 Fiscal Year 2021

Science Center(s) 1	Jurisdiction ²	Stock	Assessment		Assessment Notes
			Fiscal Year	Model Type ³	
PIFSC	WPFMC	180 Fathom Bank Precious Coral Complex	--	--	Stock has never been assessed
PIFSC	WPFMC	Au'Au Bed Black Coral Complex	--	--	Stock has never been assessed
PIFSC	WPFMC	Brooks Bank Precious Coral Complex	--	--	Stock has never been assessed
PIFSC	WPFMC	Deepwater shrimps (Heterocarpus spp.) - Main Hawaiian Islands	--	--	Stock has never been assessed
PIFSC	WPFMC	Hancock Seamount Groundfish Complex	--	--	Stock has never been assessed
PIFSC	WPFMC	Hawaiian Archipelago Exploratory Area Precious Coral Complex	--	--	Stock has never been assessed
PIFSC	WPFMC	Kaena Point Bed Precious Coral Complex	--	--	Stock has never been assessed
PIFSC	WPFMC	Keahole Bed Precious Coral Complex	--	--	Stock has never been assessed
PIFSC	WPFMC	Makapu'u Bed Precious Corals Multi-species Complex	--	--	Stock has never been assessed
PIFSC	WPFMC	Northwestern Hawaiian Islands Bottomfish Multi-species Complex	--	--	Stock has never been assessed
PIFSC	WPFMC	Northwestern Hawaiian Islands Crustacean Complex	--	--	Stock has never been assessed
PIFSC	WPFMC	Westpac Bed refugium- Precious corals complex	--	--	Stock has never been assessed
PIFSC	WPFMC	Albacore - South Pacific	2015	5	
PIFSC	WPFMC	Black marlin - Pacific	--	--	Stock has never been assessed
PIFSC	WPFMC	Blue marlin - Pacific	2013	6	
PIFSC	WPFMC	Kawakawa - Pacific	--	--	Stock has never been assessed
PIFSC	WPFMC	Longfin mako - North Pacific	--	--	Stock has never been assessed
PIFSC	WPFMC	Oceanic whitetip shark - Western and Central Pacific	2019	6	
PIFSC	WPFMC	Opah - Pacific	--	--	Stock has never been assessed
PIFSC	WPFMC	Pacific Other Tuna Relatives Complex	--	--	Stock has never been assessed
PIFSC	WPFMC	Pomfrets (Bramidae) - Pacific	--	--	Stock has never been assessed
PIFSC	WPFMC	Sailfish - Pacific	--	--	Stock has never been assessed
PIFSC	WPFMC	Salmon shark - North Pacific	--	--	Stock has never been assessed
PIFSC	WPFMC	Shortbill spearfish - Pacific	--	--	Stock has never been assessed
PIFSC	WPFMC	Silky shark - Western and Central Pacific	--	--	Stock has never been assessed
PIFSC	WPFMC	Snake mackerels (Gempylidae) - Pacific	--	--	Stock has never been assessed
PIFSC	WPFMC	Wahoo - Pacific	--	--	Stock has never been assessed
PIFSC	WPFMC	Western Pacific Squid Complex	--	--	Stock has never been assessed
PIFSC	WPFMC	Pacific Island Remote Areas Coral Reef Ecosystem Multi-species Complex	--	--	Stock has never been assessed
PIFSC	WPFMC	Pacific Remote Island Areas Black Precious Coral Complex	--	--	Stock has never been assessed

National Marine Fisheries Service

Quarter 3 Fiscal Year 2021

Science Center(s) 1	Jurisdiction ²	Stock	Assessment		Assessment Notes
			Fiscal Year	Model Type ³	
PIFSC	WPFMC	Pacific Remote Island Areas Bottomfish Complex	--	--	Stock has never been assessed
PIFSC	WPFMC	Pacific Remote Island Areas Crustacean Complex	--	--	Stock has never been assessed
PIFSC	WPFMC	Pacific Remote Island Areas Exploratory Area Precious Coral Complex	--	--	Stock has never been assessed
PIFSC	PFMC / WPFMC	Bigeye tuna - Western and Central Pacific	2020	5	
PIFSC	PFMC / WPFMC	Pelagic thresher - North Pacific	--	--	Stock has never been assessed
PIFSC	PFMC / WPFMC	Shortfin mako - North Pacific	2018	6	
PIFSC	PFMC / WPFMC	Skipjack tuna - Western and Central Pacific	2019	5	
PIFSC	PFMC / WPFMC	Striped marlin - Western and Central North Pacific	2019	5	
PIFSC	PFMC / WPFMC	Swordfish - Western and Central North Pacific	2018	6	
PIFSC	PFMC / WPFMC	Thresher shark - North Pacific	2018	6	
PIFSC	PFMC / WPFMC	Yellowfin tuna - Western and Central Pacific	2021	5	
SEFSC	CFMC	Caribbean Aquarium Trade Plants and Invertebrates Species Complex	--	--	Stock has never been assessed
SEFSC	CFMC	Queen conch - Caribbean	2009	2	
SEFSC	CFMC	Caribbean Aquarium Trade Reef Fish Species Complex	--	--	Stock has never been assessed
SEFSC	CFMC	Caribbean Groupers	2015	1	This complex contains multiple members that are assessed on an as-needed basis as individual stocks. Complex member -- Red hind - Caribbean
SEFSC	CFMC	Caribbean Parrotfishes Complex	2012	1	This complex contains multiple members that are assessed on an as-needed basis as individual stocks. Complex member -- Redtail parrotfish - Caribbean
SEFSC	CFMC	Caribbean Snappers	2012	1	This complex contains multiple members that are assessed on an as-needed basis as individual stocks. Complex member -- Silk snapper - Caribbean

National Marine Fisheries Service
Quarter 3 Fiscal Year 2021

Science Center(s) ¹	Jurisdiction ²	Stock	Assessment		Assessment Notes
			Fiscal Year	Model Type ³	
SEFSC	CFMC	Caribbean Tilefishes Complex	--	--	This complex contains multiple members that are assessed on an as-needed basis as individual stocks. To date, no members have been assessed.
SEFSC	CFMC	Goliath grouper - Caribbean	--	--	Stock has never been assessed
SEFSC	CFMC	Nassau grouper - Caribbean	2009	2	Not available in Stock SMART
SEFSC	CFMC	Puerto Rico Angelfishes Complex	--	--	This complex contains multiple members that are assessed on an as-needed basis as individual stocks. To date, no members have been assessed.
SEFSC	CFMC	Puerto Rico Boxfishes Complex	--	--	This complex contains multiple members that are assessed on an as-needed basis as individual stocks. To date, no members have been assessed.
SEFSC	CFMC	Puerto Rico Goatfishes Complex	--	--	This complex contains multiple members that are assessed on an as-needed basis as individual stocks. To date, no members have been assessed.
SEFSC	CFMC	Puerto Rico Grunts Complex	--	--	This complex contains multiple members that are assessed on an as-needed basis as individual stocks. To date, no members have been assessed.
SEFSC	CFMC	Puerto Rico Jacks Complex	--	--	This complex contains multiple members that are assessed on an as-needed basis as individual stocks. To date, no members have been assessed.
SEFSC	CFMC	Puerto Rico Scups and Porgies Complex	--	--	This complex contains multiple members that are assessed on an as-needed basis as individual stocks. To date, no members have been assessed.
SEFSC	CFMC	Puerto Rico Squirrelfishes Complex	--	--	This complex contains multiple members that are assessed on an as-needed basis as individual stocks. To date, no members have been assessed.
SEFSC	CFMC	Puerto Rico Surgeonfishes Complex	--	--	This complex contains multiple members that are assessed on an as-needed basis as individual stocks. To date, no members have been assessed.

National Marine Fisheries Service
Quarter 3 Fiscal Year 2021

Science Center(s) ¹	Jurisdiction ²	Stock	Assessment		Assessment Notes
			Fiscal Year	Model Type ³	
SEFSC	CFMC	Puerto Rico Triggerfishes and Filefishes Complex	--	--	This complex contains multiple members that are assessed on an as-needed basis as individual stocks. To date, no members have been assessed.
SEFSC	CFMC	Puerto Rico Wrasses Complex	--	--	This complex contains multiple members that are assessed on an as-needed basis as individual stocks. To date, no members have been assessed.
SEFSC	CFMC	St. Croix Angelfishes Complex	--	--	This complex contains multiple members that are assessed on an as-needed basis as individual stocks. To date, no members have been assessed.
SEFSC	CFMC	St. Croix Boxfishes Complex	--	--	This complex contains multiple members that are assessed on an as-needed basis as individual stocks. To date, no members have been assessed.
SEFSC	CFMC	St. Croix Goatfishes Complex	--	--	This complex contains multiple members that are assessed on an as-needed basis as individual stocks. To date, no members have been assessed.
SEFSC	CFMC	St. Croix Grunts Complex	--	--	This complex contains multiple members that are assessed on an as-needed basis as individual stocks. To date, no members have been assessed.
SEFSC	CFMC	St. Croix Jacks Complex	--	--	This complex contains multiple members that are assessed on an as-needed basis as individual stocks. To date, no members have been assessed.
SEFSC	CFMC	St. Croix Scups and Porgies Complex	--	--	This complex contains multiple members that are assessed on an as-needed basis as individual stocks. To date, no members have been assessed.
SEFSC	CFMC	St. Croix Squirrelfishes Complex	--	--	This complex contains multiple members that are assessed on an as-needed basis as individual stocks. To date, no members have been assessed.

National Marine Fisheries Service
Quarter 3 Fiscal Year 2021

Science Center(s) ¹	Jurisdiction ²	Stock	Assessment		Assessment Notes
			Fiscal Year	Model Type ³	
SEFSC	CFMC	St. Croix Surgeonfishes Complex	--	--	This complex contains multiple members that are assessed on an as-needed basis as individual stocks. To date, no members have been assessed.
SEFSC	CFMC	St. Croix Triggerfishes and Filefishes Complex	--	--	This complex contains multiple members that are assessed on an as-needed basis as individual stocks. To date, no members have been assessed.
SEFSC	CFMC	St. Croix Wrasses Complex	--	--	This complex contains multiple members that are assessed on an as-needed basis as individual stocks. To date, no members have been assessed.
SEFSC	CFMC	St. Thomas / St. John Angelfishes Complex	--	--	This complex contains multiple members that are assessed on an as-needed basis as individual stocks. To date, no members have been assessed.
SEFSC	CFMC	St. Thomas / St. John Boxfishes Complex	--	--	This complex contains multiple members that are assessed on an as-needed basis as individual stocks. To date, no members have been assessed.
SEFSC	CFMC	St. Thomas / St. John Goatfishes Complex	--	--	This complex contains multiple members that are assessed on an as-needed basis as individual stocks. To date, no members have been assessed.
SEFSC	CFMC	St. Thomas / St. John Grunts Complex	--	--	This complex contains multiple members that are assessed on an as-needed basis as individual stocks. To date, no members have been assessed.
SEFSC	CFMC	St. Thomas / St. John Jacks Complex	--	--	This complex contains multiple members that are assessed on an as-needed basis as individual stocks. To date, no members have been assessed.
SEFSC	CFMC	St. Thomas / St. John Scups and Porgies Complex	--	--	This complex contains multiple members that are assessed on an as-needed basis as individual stocks. To date, no members have been assessed.

National Marine Fisheries Service
Quarter 3 Fiscal Year 2021

Science Center(s) ¹	Jurisdiction ²	Stock	Assessment		Assessment Notes
			Fiscal Year	Model Type ³	
SEFSC	CFMC	St. Thomas / St. John Squirrelfishes Complex	--	--	This complex contains multiple members that are assessed on an as-needed basis as individual stocks. To date, no members have been assessed.
SEFSC	CFMC	St. Thomas / St. John Surgeonfishes Complex	--	--	This complex contains multiple members that are assessed on an as-needed basis as individual stocks. To date, no members have been assessed.
SEFSC	CFMC	St. Thomas / St. John Triggerfishes and Filefishes Complex	--	--	This complex contains multiple members that are assessed on an as-needed basis as individual stocks. To date, no members have been assessed.
SEFSC	CFMC	St. Thomas / St. John Wrasses Complex	--	--	This complex contains multiple members that are assessed on an as-needed basis as individual stocks. To date, no members have been assessed.
SEFSC	GMFMC	Black corals (Antipatharia) - Gulf of Mexico	--	--	Stock has never been assessed
SEFSC	GMFMC	Fire corals (Milleporidae) - Gulf of Mexico	--	--	Stock has never been assessed
SEFSC	GMFMC	Hydrocorals (Stylasteridae) - Gulf of Mexico	--	--	Stock has never been assessed
SEFSC	GMFMC	Sea fans (Gorgonia spp.) - Gulf of Mexico	--	--	Stock has never been assessed
SEFSC	GMFMC	Stony corals (Scleractinia) - Gulf of Mexico	--	--	Stock has never been assessed
SEFSC	GMFMC	Red drum - Gulf of Mexico	2001	6	Not available in Stock SMART
SEFSC	GMFMC	Cubera snapper - Gulf of Mexico	--	--	Stock has never been assessed
SEFSC	GMFMC	Gulf of Mexico Deep Water Grouper Complex	--	--	This complex contains multiple members that are assessed on an as-needed basis as individual stocks. To date, no members have been assessed.
SEFSC	GMFMC	Gulf of Mexico Jacks Complex	--	--	This complex contains multiple members that are assessed on an as-needed basis as individual stocks. To date, no members have been assessed.
SEFSC	GMFMC	Gulf of Mexico Mid-Water Snapper Complex	--	--	This complex contains multiple members that are assessed on an as-needed basis as individual stocks. To date, no members have been assessed.

National Marine Fisheries Service

Quarter 3 Fiscal Year 2021

Science Center(s) 1	Jurisdiction ²	Stock	Assessment		Assessment Notes
			Fiscal Year	Model Type ³	
SEFSC	GMFMC	Gulf of Mexico Shallow Water Grouper Complex	--	--	This complex contains multiple members that are assessed on an as-needed basis as individual stocks. To date, no members have been assessed.
SEFSC	GMFMC	Gulf of Mexico Tilefishes Complex	2011	6	This complex contains multiple members that are assessed on an as-needed basis as individual stocks. Last assessed stock was Tilefish - Gulf of Mexico
SEFSC	HMS	Albacore - North Atlantic	2021	5	
SEFSC	HMS	Bigeye tuna - Atlantic	2019	5	
SEFSC	HMS	Blacknose shark - Gulf of Mexico	2011	-6	The 2011 stock assessment of this stock was not suitable for use in management. The last accepted assessment of the stock was combined with the South Atlantic stock unit in 2008
SEFSC	HMS	Blue marlin - Atlantic	2019	5	
SEFSC	HMS	Blue shark - North Atlantic	2016	6	
SEFSC	HMS	Bluefin tuna - Western Atlantic	2018	6	
SEFSC	HMS	Bonnethead - Atlantic	2008	6	Stock was assessed as a coastwide unit (combined with Gulf of Mexico stock)
SEFSC	HMS	Bonnethead - Gulf of Mexico	2008	6	Stock was assessed as a coastwide unit (combined with Atlantic stock)
SEFSC	HMS	Bull shark - Atlantic and Gulf of Mexico	2006	-3	Stock assessment of Atlantic Large Coastal Shark Complex was rejected. Complex has since been disbanded.
SEFSC	HMS	Dusky shark - Atlantic and Gulf of Mexico	2016	6	
SEFSC	HMS	Gulf Smoothhound Complex	2015	3	Complex assessed as a single unit
SEFSC	HMS	Longbill spearfish - Western Atlantic	--	--	Stock has never been assessed
SEFSC	HMS	Nurse shark - Atlantic and Gulf of Mexico	2006	-3	Stock assessment of Atlantic Large Coastal Shark Complex was rejected. Complex has since been disbanded.
SEFSC	HMS	Oceanic Whitetip shark - Atlantic and Gulf of Mexico	--	--	Stock has never been assessed
SEFSC	HMS	Porbeagle - Northwestern Atlantic	2021	1	
SEFSC	HMS	Prohibited Species	--	--	Stock complex has never been assessed
SEFSC	HMS	Roundscale spearfish - Atlantic	--	--	Stock has never been assessed
SEFSC	HMS	Sailfish - Western Atlantic	2017	6	
SEFSC	HMS	Shortfin mako - North Atlantic	2018	6	
SEFSC	HMS	Silky shark - Atlantic and Gulf of Mexico	2006	-3	Stock assessment of Atlantic Large Coastal Shark Complex was rejected. Complex has since been disbanded.
SEFSC	HMS	Skipjack tuna - Western Atlantic	2015	3	

National Marine Fisheries Service

Quarter 3 Fiscal Year 2021

Science Center(s) 1	Jurisdiction ²	Stock	Assessment		Assessment Notes
			Fiscal Year	Model Type ³	
SEFSC	HMS	Spinner shark - Atlantic and Gulf of Mexico	2006	-3	Stock assessment of Atlantic Large Coastal Shark Complex was rejected. Complex has since been disbanded.
SEFSC	HMS	Swordfish - North Atlantic	2018	6	
SEFSC	HMS	Thresher shark - Atlantic and Gulf of Mexico	--	--	Stock has never been assessed
SEFSC	HMS	Tiger shark - Atlantic and Gulf of Mexico	2006	-3	Stock assessment of Atlantic Large Coastal Shark Complex was rejected. Complex has since been disbanded.
SEFSC	HMS	White marlin - Atlantic	2020	5	
SEFSC	HMS	Yellowfin tuna - Atlantic	2020	6	
SEFSC	SAFMC	Black corals (Antipatharia) - Southern Atlantic Coast	--	--	Stock has never been assessed
SEFSC	SAFMC	Fire corals (Milleporidae) - Southern Atlantic Coast	--	--	Stock has never been assessed
SEFSC	SAFMC	Hydrocorals (Stylasteridae) - Southern Atlantic Coast	--	--	Stock has never been assessed
SEFSC	SAFMC	Soft corals (Octocorallia) - Southern Atlantic Coast	--	--	Stock has never been assessed
SEFSC	SAFMC	Stony corals (Scleractinia) - Southern Atlantic Coast	--	--	Stock has never been assessed
SEFSC	SAFMC	Wahoo - Southern Atlantic Coast	--	--	Stock has never been assessed
SEFSC	SAFMC	Golden deepsea crab - Southern Atlantic Coast	2001	3	Not available in Stock SMART
SEFSC	SAFMC	Sargassum - Southern Atlantic Coast	--	--	Stock has never been assessed
SEFSC	SAFMC	Atlantic spadefish - Southern Atlantic Coast	--	--	Stock has never been assessed
SEFSC	SAFMC	Bar jack - Southern Atlantic Coast	--	--	Stock has never been assessed
SEFSC	SAFMC	Hogfish - Carolinas	2015	-6	Stock assessment was not accepted for use in management. No previous assessments exist for this stock.
SEFSC	SAFMC	Hogfish - Southeast Florida	2015	6	
SEFSC	SAFMC	Nassau grouper - Southern Atlantic Coast / Gulf of Mexico	2000	1	Not available in Stock SMART
SEFSC	SAFMC	South Atlantic Deepwater Snapper-Grouper Complex	--	--	This complex contains multiple members that are assessed on an as-needed basis as individual stocks. To date, no members have been assessed.
SEFSC	SAFMC	South Atlantic Grunts Complex	--	--	This complex contains multiple members that are assessed on an as-needed basis as individual stocks. To date, no members have been assessed.

National Marine Fisheries Service
Quarter 3 Fiscal Year 2021

Science Center(s) ¹	Jurisdiction ²	Stock	Assessment		Assessment Notes
			Fiscal Year	Model Type ³	
SEFSC	SAFMC	South Atlantic Jacks Complex	--	--	This complex contains multiple members that are assessed on an as-needed basis as individual stocks. To date, no members have been assessed.
SEFSC	SAFMC	South Atlantic Porgy Complex	--	--	This complex contains multiple members that are assessed on an as-needed basis as individual stocks. To date, no members have been assessed.
SEFSC	SAFMC	South Atlantic Shallow Water Snapper-Grouper Complex	--	--	This complex contains multiple members that are assessed on an as-needed basis as individual stocks. To date, no members have been assessed.
SEFSC	SAFMC	South Atlantic Snappers Complex	--	--	This complex contains multiple members that are assessed on an as-needed basis as individual stocks. To date, no members have been assessed.
SEFSC	SAFMC	Speckled hind - Southern Atlantic Coast	--	--	Stock has never been assessed
SEFSC	SAFMC	Warsaw grouper - Southern Atlantic Coast	--	--	Stock has never been assessed
SEFSC	SAFMC	Wreckfish - Southern Atlantic Coast	2014	6	
SEFSC	SAFMC	Goliath grouper - Southern Atlantic Coast / Gulf of Mexico	2011	3	
SEFSC	SAFMC / GMFMC	Caribbean spiny lobster - Southern Atlantic Coast / Gulf of Mexico	2011	-6	Stock assessment was not accepted for use in management. No previous assessments exist for this stock.
SWFSC	PFMC	Jack mackerel - Pacific Coast	1984	1	Not available in Stock SMART
SWFSC	PFMC	Krill (Euphausiacea) - Pacific Coast	--	--	Stock has never been assessed
SWFSC	PFMC	Northern anchovy - Northern Pacific Coast	1996	6	Not available in Stock SMART
SWFSC	PFMC	Opalescent inshore squid - Pacific Coast	2007	2	Not available in Stock SMART
SWFSC	PFMC / WPFMC	Albacore - North Pacific	2020	6	
PIFSC	PFMC / WPFMC	Bigeye thresher - Pacific	2018	1	
SWFSC	PFMC / WPFMC	Bigeye tuna - Eastern Pacific	2018	-2	This stock was assessed at level 6 in 2017.
SWFSC	PFMC / WPFMC	Blue shark - North Pacific	2017	6	
SWFSC	PFMC / WPFMC	Dolphinfish - Pacific	--	--	Stock has never been assessed

National Marine Fisheries Service
Quarter 3 Fiscal Year 2021

Science Center(s) ¹	Jurisdiction ²	Stock	Assessment		Assessment Notes
			Fiscal Year	Model Type ³	
SWFSC	PFMC / WPFMC	Pacific bluefin tuna - Pacific	2020	6	
SWFSC	PFMC / WPFMC	Skipjack tuna - Eastern Pacific	2018	1	
SWFSC	PFMC / WPFMC	Striped marlin - Eastern Pacific	2010	6	
SWFSC	PFMC / WPFMC	Swordfish - Eastern Pacific	2014	3	
SWFSC	PFMC / WPFMC	Yellowfin tuna - Eastern Pacific	2021	6	

National Marine Fisheries Service
Quarter 3 Fiscal Year 2021

Science Center(s) ¹	Jurisdiction ²	Stock	Assessment		Assessment Notes
			Fiscal Year	Model Type ³	
Footnotes:					
<p>1 - NOAA Fisheries Science Centers include Alaska Fisheries Science Center (AFSC), Northeast Fisheries Science Center (NEFSC), Northwest Fisheries Science Center (NWFSC), Pacific Islands Fisheries Science Center (PIFSC), Southeast Fisheries Science Center (SEFSC) and Southwest Fisheries Science Center (SWFSC). In some cases, assessments are conducted by multiple science centers (e.g. NW/SW and SW/PI).</p> <p>2 - Jurisdictions include Caribbean Fishery Management Council (CFMC), Gulf of Mexico Fishery Management Council (GMFMC), Atlantic Highly Migratory Species Division (HMS), Mid-Atlantic Fishery Management Council (MAFMC), New England Fishery Management Council (NEFMC), North Pacific Fishery Management Council (NPFMC), Pacific Fishery Management Council (PFMC), South Atlantic Fishery Management Council (SAFMC) and Western Pacific Fishery Management Council (WPFMC).</p> <p>3 - Assessment Model Type: Category of stock assessment model accepted for use in management, as described in the 2018 Next Generation Stock Assessment Improvement Plan document.</p> <p>1 = Data-Limited (e.g. DBSRA, DCAC, Surplus Production MSY, Egg-Escapement, Mean Length Estimation)</p> <p>2 = Index-Based (e.g. AIM, basic linear models and time series analyses)</p> <p>3 = Aggregate Biomass Dynamics (e.g. Schaefer or Pella-Tomlinson Production Models, ASPIC, delay-difference models)</p> <p>4 = Virtual Population Analysis (e.g. ADAPT, VPA-2BOX)</p> <p>5 = Statistical Catch-at-Length (e.g. SCALE, SS, MultifanCL)</p> <p>6 = Statistical Catch-at-Age (e.g. SS, ASAP, AMAK, BAM, MultifanCL, CASAL)</p> <p>4 - Assessment Type: Categorizes the extent to which changes were explored within the assessment model during the stock assessment. Also describes the general level of reviewer scrutiny. These categories are fully described in the 2018 Next Generation Stock Assessment Improvement Plan document.</p> <p>Operational Stock Assessment - Analyses that include first time applications of previously researched methods (“new” or “benchmark” assessments); applications with updated data streams and minor revisions to methods within the scope of previously researched themes; and applications that simply update the model with the most recent data.</p> <p>Stock Monitoring Analysis - Analyses that are generally limited in scope, updating previously utilized models with the most recent catch information to develop new management advice. These are sometimes called partial updates. Because there are no changes in the methods or data series, just updated catch data, these analyses does not warrant intense scrutiny.</p>					