

**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 <sup>2</sup>	Stock	Assessment		Assessment Notes
			Fiscal Year	Model Type <sup>3</sup>	
AFSC	NPFMC	<a href="#">Blue king crab - Pribilof Islands</a>	2021	2	
AFSC	NPFMC	<a href="#">Blue king crab - Saint Matthew Island</a>	2023	5	
AFSC	NPFMC	<a href="#">Golden king crab - Pribilof Islands</a>	--	--	Managed using historical average catch
AFSC	NPFMC	<a href="#">Red king crab - Pribilof Islands</a>	2023	5	
AFSC	NPFMC	<a href="#">Red king crab - Western Aleutian Islands</a>	--	--	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	<a href="#">Bering Sea / Aleutian Islands Blackspotted and Rougheye Rockfish Complex</a>	2023	2	<a href="#">Geographic Subunit - Eastern Bering Sea / Aleutian Islands Blackspotted and Rougheye Rockfish Complex</a>
				6	<a href="#">Geographic subunit - Aleutian Islands Blackspotted and Rougheye Rockfish Complex</a>
AFSC	NPFMC	Bering Sea / Aleutian Islands Octopus Complex	2023	1	<a href="#">Indicator stock - Giant octopus - Bering Sea / Aleutian Islands</a>
AFSC	NPFMC	<a href="#">Bering Sea / Aleutian Islands Other Flatfish Complex</a>	2021	2	Stock assessed as a complex
AFSC	NPFMC	<a href="#">Bering Sea / Aleutian Islands Other Rockfish Complex</a>	2023	2	Stock assessed as a complex
AFSC	NPFMC	Bering Sea / Aleutian Islands Shark Complex	2023	2	<a href="#">Spiny dogfish - Bering Sea / Aleutian Islands</a>
					Pacific sleeper shark - Bering Sea / Aleutian Islands
AFSC	NPFMC	<a href="#">Shortraker rockfish - Bering Sea / Aleutian Islands</a>	2023	2	
AFSC	NPFMC	<a href="#">Atka mackerel - Gulf of Alaska</a>	--	--	Managed using historical average catch
AFSC	NPFMC	<a href="#">Big skate - Gulf of Alaska</a>	2022	2	Assessed as a part of the Gulf of Alaska Skate Complex
AFSC	NPFMC	Gulf of Alaska Deepwater Flatfish Complex	2023	2	<a href="#">Indicator stock - Dover sole - Gulf of Alaska</a>
					--
AFSC	NPFMC	Gulf of Alaska Octopus Complex	<b>2017</b>	<b>-2</b>	<a href="#">Indicator stock - Giant octopus - Gulf of Alaska</a>
AFSC	NPFMC	<a href="#">Gulf of Alaska Other Rockfish Complex</a>	2022	2	Stock assessed as a complex
AFSC	NPFMC	Gulf of Alaska Shark Complex	2023	2	<a href="#">Spiny dogfish - Gulf of Alaska</a>
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AFSC	NPFMC	<a href="#">Gulf of Alaska Skate Complex</a>	2022	2	Stock assessment for 'Other Skates' portion of stock
AFSC	NPFMC	<a href="#">Longnose skate - Gulf of Alaska</a>	2022	2	Assessed as a part of the Gulf of Alaska Skate Complex
AFSC	NPFMC	<a href="#">Walleye pollock - Southeast Gulf of Alaska</a>	2023	2	
AFSC	NPFMC	Alaska Coho Salmon Assemblage	2022	4	<a href="#">Indicator stock -- Coho salmon - Auke Creek</a>
					<a href="#">Indicator stock -- Coho salmon - Berners River</a>
					<a href="#">Indicator stock -- Coho salmon - Hugh Smith Lake</a>
AFSC	NPFMC	<a href="#">Chinook salmon - Eastern North Pacific Far North Migrating</a>	2022	4	
AFSC	NPFMC	<a href="#">Weathervane scallop - Alaska</a>	2023	2	
NEFSC	MAFMC	Atlantic chub mackerel - Mid-Atlantic Coast	--	--	Stock has never been assessed
NEFSC	MAFMC	<a href="#">Blueline tilefish - Mid-Atlantic Coast</a>	2018	1	
NEFSC	NEFMC	<a href="#">Atlantic salmon - Gulf of Maine</a>	2022	2	
NEFSC	NEFMC	<a href="#">Red deepsea crab - Northwestern Atlantic</a>	2023	2	<b>First stock assessment since 2006</b>
NEFSC	NEFMC	<a href="#">Atlantic cod - Eastern Georges Bank</a>	2022	2	Transboundary stock - jointly managed by US and Canada
NEFSC	NEFMC	<a href="#">Atlantic wolffish - Gulf of Maine / Georges Bank</a>	2022	5	
NEFSC	NEFMC	<a href="#">Haddock - Eastern Georges Bank</a>	2022	6	Transboundary stock - jointly managed by US and Canada
NEFSC	NEFMC	<a href="#">Ocean pout - Northwestern Atlantic Coast</a>	2022	2	
NEFSC	NEFMC	<a href="#">Offshore hake - Northwestern Atlantic Coast</a>	2020	2	
NEFSC	NEFMC	<a href="#">Red hake - Gulf of Maine / Northern Georges Bank</a>	2020	2	
NEFSC	NEFMC	<a href="#">Windowpane - Southern New England / Mid-Atlantic</a>	2020	2	
NEFSC	NEFMC	<a href="#">Windowpane - Gulf of Maine / Georges Bank</a>	2020	2	
NEFSC	NEFMC	<a href="#">Yellowtail flounder - Georges Bank</a>	2022	2	Transboundary stock - jointly managed by US and Canada
NEFSC	NEFMC	<a href="#">Barndoor skate - Georges Bank / Southern New England</a>	2022	2	
NEFSC	NEFMC	<a href="#">Clearnose skate - Southern New England / Mid-Atlantic</a>	2022	2	
NEFSC	NEFMC	<a href="#">Rosette skate - Southern New England / Mid-Atlantic</a>	2022	2	
NEFSC	NEFMC	<a href="#">Smooth skate - Gulf of Maine</a>	2022	2	
NEFSC	NEFMC	<a href="#">Thorny skate - Gulf of Maine</a>	2022	2	
NWFSC / SWFSC	PFCM	<a href="#">Black rockfish - Washington</a>	2019	6	

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Science Center(s) 1	Jurisdiction <sup>2</sup>	Stock	Assessment		Assessment Notes
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NWFSC / SWFSC	PFMC	<a href="#">China rockfish - Central Pacific Coast</a>	2019	6	
NWFSC / SWFSC	PFMC	<a href="#">China rockfish - Northern Pacific Coast</a>	2019	6	
NWFSC / SWFSC	PFMC	<a href="#">China rockfish - Southern Pacific Coast</a>	2019	6	
NWFSC / SWFSC	PFMC	<a href="#">Copper rockfish - Pacific Coast</a>	2021	3	<a href="#">Assessed unit - Copper rockfish - Oregon</a>
			2021	3	<a href="#">Assessed unit - Copper rockfish - Washington</a>
			2022	6	<a href="#">Assessed unit - Copper rockfish - Northern California</a>
			2022	6	<a href="#">Assessed unit - Copper rockfish - Southern California</a>
NWFSC / SWFSC	PFMC	<a href="#">Greenspotted rockfish - Pacific Coast</a>	2011	6	
NWFSC / SWFSC	PFMC	<a href="#">Greenstriped rockfish - Pacific Coast</a>	2009	6	
NWFSC / SWFSC	PFMC	Northern Pacific Coast Minor Nearshore Rockfish Complex	2021	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 - Quillback rockfish - Washington
NWFSC / SWFSC	PFMC	Northern Pacific Coast Minor Shelf Rockfish Complex	2021	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 - Squarespot 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	<a href="#">Pacific Coast Blackspotted and Rougheye Rockfish Complex</a>	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
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.

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Science Center(s) 1	Jurisdiction <sup>2</sup>	Stock	Assessment		Assessment Notes
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NWFSC / SWFSC	PFMC	Pacific cod - Pacific Coast	--	--	Stock has never been assessed
NWFSC / SWFSC	PFMC	<a href="#">Pacific hake - Pacific Coast</a>	2023	6	
NWFSC / SWFSC	PFMC	Southern Pacific Coast Minor Nearshore Rockfish Complex	2022	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 - Quillback rockfish - Southern California
NWFSC / SWFSC	PFMC	Southern Pacific Coast Minor Shelf Rockfish Complex	2021	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 - Squarespot 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	<a href="#">Splitnose rockfish - Pacific Coast</a>	2009	6	
NWFSC / SWFSC	PFMC	Starry flounder - Pacific Coast	2018	1	<a href="#">Indicator stock -- Starry flounder - Northern Pacific Coast</a> <a href="#">Indicator stock -- Starry flounder - Southern Pacific Coast</a>
NWFSC / SWFSC	PFMC	<a href="#">Yelloweye rockfish - Pacific Coast</a>	2017	6	
NWFSC / SWFSC	PFMC	<a href="#">Chinook salmon - California Central Valley: Sacramento River Spring</a>	2023	3	
NWFSC / SWFSC	PFMC	<a href="#">Chinook salmon - California Central Valley: Sacramento River Winter</a>	2023	4	
NWFSC / SWFSC	PFMC	<a href="#">Chinook salmon - Columbia River Basin: Lower River Hatchery Fall</a>	2023	4	
NWFSC / SWFSC	PFMC	<a href="#">Chinook salmon - Columbia River Basin: Lower River Hatchery Spring</a>	2023	2	
NWFSC / SWFSC	PFMC	<a href="#">Chinook salmon - Columbia River Basin: Mid-River Bright Hatchery Fall</a>	2023	4	
NWFSC / SWFSC	PFMC	<a href="#">Chinook salmon - Columbia River Basin: North Lewis River Fall</a>	2023	4	
NWFSC / SWFSC	PFMC	<a href="#">Chinook salmon - Columbia River Basin: Snake River Fall</a>	2023	4	
NWFSC / SWFSC	PFMC	<a href="#">Chinook salmon - Columbia River Basin: Snake River Spring/Summer</a>	2023	4	
NWFSC / SWFSC	PFMC	<a href="#">Chinook salmon - Columbia River Basin: Spring Creek Hatchery Fall</a>	2023	4	

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			Fiscal Year	Model Type <sup>3</sup>	
NWFSC / SWFSC	PFMC	<a href="#">Chinook salmon - Columbia River Basin: Upper River Bright Fall</a>	2023	4	
NWFSC / SWFSC	PFMC	<a href="#">Chinook salmon - Columbia River Basin: Upper River Spring</a>	2023	4	
NWFSC / SWFSC	PFMC	<a href="#">Chinook salmon - Columbia River Basin: Upper River Summer</a>	2023	4	
NWFSC / SWFSC	PFMC	<a href="#">Chinook salmon - Columbia River Basin: Upper Willamette Spring</a>	2023	4	
NWFSC / SWFSC	PFMC	<a href="#">Chinook salmon - Northern California Coast: California Coastal</a>	2023	2	
NWFSC / SWFSC	PFMC	<a href="#">Chinook salmon - Northern California Coast: Klamath River Spring</a>	2013	2	
NWFSC / SWFSC	PFMC	Chinook salmon - Northern California Coast: Smith River	-	-	Stock has never been assessed
NWFSC / SWFSC	PFMC	<a href="#">Chinook salmon - Oregon Coast: Central and Northern Oregon</a>	2023	4	
NWFSC / SWFSC	PFMC	<a href="#">Chinook salmon - Oregon Coast: Southern Oregon</a>	2023	4	
NWFSC / SWFSC	PFMC	<a href="#">Chinook salmon - Puget Sound: Cedar River Summer/Fall</a>	2023	4	
NWFSC / SWFSC	PFMC	<a href="#">Chinook salmon - Puget Sound: Eastern Strait of Juan de Fuca Summer/Fall</a>	2023	4	
NWFSC / SWFSC	PFMC	Chinook salmon - Puget Sound: Green River Summer/Fall	2023	4	
NWFSC / SWFSC	PFMC	Chinook salmon - Puget Sound: Mid Hood Canal Summer/Fall	2023	4	
NWFSC / SWFSC	PFMC	Chinook salmon - Puget Sound: Nisqually River Summer/Fall	2023	4	
NWFSC / SWFSC	PFMC	Chinook salmon - Puget Sound: Nooksack Spring Early	2023	4	
NWFSC / SWFSC	PFMC	Chinook salmon - Puget Sound: Puyallup Summer/Fall	2023	4	
NWFSC / SWFSC	PFMC	Chinook salmon - Puget Sound: Skagit Spring	2023	4	
NWFSC / SWFSC	PFMC	Chinook salmon - Puget Sound: Skagit Summer/Fall	2023	4	
NWFSC / SWFSC	PFMC	Chinook salmon - Puget Sound: Skokomish Summer/Fall	2023	2	
NWFSC / SWFSC	PFMC	Chinook salmon - Puget Sound: Snohomish Summer/Fall	2023	4	
NWFSC / SWFSC	PFMC	Chinook salmon - Puget Sound: Stillaguamish Summer/Fall	2023	4	
NWFSC / SWFSC	PFMC	Chinook salmon - Puget Sound: White River Spring	2023	4	
NWFSC / SWFSC	PFMC	<a href="#">Chinook salmon - Washington Coast: Grays Harbor Fall</a>	2023	4	

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NWFSC / SWFSC	PFMC	<a href="#">Chinook salmon - Washington Coast: Grays Harbor Spring</a>	2023	4	
NWFSC / SWFSC	PFMC	<a href="#">Chinook salmon - Washington Coast: Hoh Fall</a>	2023	4	
NWFSC / SWFSC	PFMC	<a href="#">Chinook salmon - Washington Coast: Hoh Spring/Summer</a>	2023	4	
NWFSC / SWFSC	PFMC	<a href="#">Chinook salmon - Washington Coast: Hoko Summer/Fall</a>	2023	4	
NWFSC / SWFSC	PFMC	<a href="#">Chinook salmon - Washington Coast: Queets Fall</a>	2023	4	
NWFSC / SWFSC	PFMC	<a href="#">Chinook salmon - Washington Coast: Queets Spring/Summer</a>	2023	4	
NWFSC / SWFSC	PFMC	<a href="#">Chinook salmon - Washington Coast: Quillayute Fall</a>	2023	4	
NWFSC / SWFSC	PFMC	<a href="#">Chinook salmon - Washington Coast: Quillayute Spring/Summer</a>	2023	4	
NWFSC / SWFSC	PFMC	<a href="#">Chinook salmon - Washington Coast: Quinault Fall Hatchery</a>	2023	4	
NWFSC / SWFSC	PFMC	<a href="#">Chinook salmon - Washington Coast: Willapa Bay Fall Hatchery</a>	2023	4	
NWFSC / SWFSC	PFMC	<a href="#">Chinook salmon - Washington Coast: Willapa Bay Fall Natural</a>	2023	4	
NWFSC / SWFSC	PFMC	<a href="#">Coho salmon - Oregon Production Index Area: Central California Coast</a>	2023	2	
NWFSC / SWFSC	PFMC	<a href="#">Coho salmon - Oregon Production Index Area: Columbia River Early Hatchery</a>	2023	4	
NWFSC / SWFSC	PFMC	<a href="#">Coho salmon - Oregon Production Index Area: Columbia River Late Hatchery</a>	2023	4	
NWFSC / SWFSC	PFMC	<a href="#">Coho salmon - Oregon Production Index Area: Lower Columbia Natural</a>	2023	2	
NWFSC / SWFSC	PFMC	<a href="#">Coho salmon - Oregon Production Index Area: Oregon Coast Hatchery</a>	2023	4	
NWFSC / SWFSC	PFMC	<a href="#">Coho salmon - Oregon Production Index Area: Oregon Coast Natural</a>	2023	4	
NWFSC / SWFSC	PFMC	<a href="#">Coho salmon - Oregon Production Index Area: Southern Oregon/Northern California Coast</a>	2023	2	
NWFSC / SWFSC	PFMC	<a href="#">Coho salmon - Puget Sound: Hood Canal</a>	2023	4	
NWFSC / SWFSC	PFMC	<a href="#">Coho salmon - Puget Sound: Skagit</a>	2023	3	
NWFSC / SWFSC	PFMC	<a href="#">Coho salmon - Puget Sound: Snohomish</a>	2023	3	
NWFSC / SWFSC	PFMC	<a href="#">Coho salmon - Puget Sound: South Puget Sound Hatchery</a>	2023	3	
NWFSC / SWFSC	PFMC	<a href="#">Coho salmon - Puget Sound: Stillaguamish</a>	2023	4	

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NWFSC / SWFSC	PFMC	<a href="#">Coho salmon - Washington Coast: Grays Harbor</a>	2023	3	
NWFSC / SWFSC	PFMC	<a href="#">Coho salmon - Washington Coast: Hoh</a>	2023	3	
NWFSC / SWFSC	PFMC	<a href="#">Coho salmon - Washington Coast: Queets</a>	2023	3	
NWFSC / SWFSC	PFMC	<a href="#">Coho salmon - Washington Coast: Quillayute Fall</a>	2023	3	
NWFSC / SWFSC	PFMC	<a href="#">Coho salmon - Washington Coast: Quillayute Summer Hatchery</a>	2023	3	
NWFSC / SWFSC	PFMC	<a href="#">Coho salmon - Washington Coast: Quinault Hatchery</a>	2023	2	
NWFSC / SWFSC	PFMC	<a href="#">Coho salmon - Washington Coast: Strait of Juan de Fuca</a>	2023	3	
NWFSC / SWFSC	PFMC	<a href="#">Coho salmon - Washington Coast: Willapa Bay Hatchery</a>	2023	3	
NWFSC / SWFSC	PFMC	<a href="#">Coho salmon - Washington Coast: Willapa Bay Natural</a>	2023	3	
NWFSC / SWFSC	PFMC	<a href="#">Pink salmon - Puget Sound</a>	2023	2	
<b>PIFSC</b>	<b>WPFMC</b>	<b>Golden eye jobfish and Crimson jobfish Complex - American Samoa</b>	<b>2023</b>	<b>6</b>	<b>Stock broken out from American Samoa Multispecies Bottomfish Complex (FSSI Stock)</b>
<b>PIFSC</b>	<b>WPFMC</b>	<b>Rusty jobfish - American Samoa</b>	<b>2023</b>	<b>6</b>	<b>Stock broken out from American Samoa Multispecies Bottomfish Complex (FSSI Stock)</b>
<b>PIFSC</b>	<b>WPFMC</b>	<b>Green jobfish - American Samoa</b>	<b>2023</b>	<b>6</b>	<b>Stock broken out from American Samoa Multispecies Bottomfish Complex (FSSI Stock)</b>
<b>PIFSC</b>	<b>WPFMC</b>	<b>Black jack - American Samoa</b>	<b>2023</b>	<b>6</b>	<b>Stock broken out from American Samoa Multispecies Bottomfish Complex (FSSI Stock)</b>
<b>PIFSC</b>	<b>WPFMC</b>	<b>Spotcheek emperor - American Samoa</b>	<b>2023</b>	<b>6</b>	<b>Stock broken out from American Samoa Multispecies Bottomfish Complex (FSSI Stock)</b>
<b>PIFSC</b>	<b>WPFMC</b>	<b>Bluestripe emperor - American Samoa</b>	<b>2023</b>	<b>6</b>	<b>Stock broken out from American Samoa Multispecies Bottomfish Complex (FSSI Stock)</b>
<b>PIFSC</b>	<b>WPFMC</b>	<b>Oblique-banded snapper - American Samoa</b>	<b>2023</b>	<b>6</b>	<b>Stock broken out from American Samoa Multispecies Bottomfish Complex (FSSI Stock)</b>
<b>PIFSC</b>	<b>WPFMC</b>	<b>Yellow-edged lyretail grouper - American Samoa</b>	<b>2023</b>	<b>6</b>	<b>Stock broken out from American Samoa Multispecies Bottomfish Complex (FSSI Stock)</b>
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

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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	<a href="#">Albacore - South Pacific</a>	2021	5	
PIFSC	WPFMC	Black marlin - Pacific	--	--	Stock has never been assessed
PIFSC	WPFMC	<a href="#">Blue marlin - Pacific</a>	2021	6	
PIFSC	WPFMC	Kawakawa - Pacific	--	--	Stock has never been assessed
PIFSC	WPFMC	Longfin mako - North Pacific	--	--	Stock has never been assessed
PIFSC	WPFMC	<a href="#">Oceanic whitetip shark - Western and Central Pacific</a>	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
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



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PIFSC	WPFMC	Pacific Remote Island Areas Exploratory Area Precious Coral Complex	--	--	Stock has never been assessed
PIFSC	PFMC / WPFMC	<a href="#">Bigeye tuna - Western and Central Pacific</a>	2021	5	
PIFSC	PFMC / WPFMC	Pelagic thresher - North Pacific	--	--	Stock has never been assessed
PIFSC	PFMC / WPFMC	<a href="#">Shortfin mako - North Pacific</a>	2018	6	
PIFSC	PFMC / WPFMC	<a href="#">Skipjack tuna - Western and Central Pacific</a>	2022	5	
PIFSC	PFMC / WPFMC	<a href="#">Striped marlin - Western and Central North Pacific</a>	2019	5	
PIFSC	PFMC / WPFMC	<a href="#">Swordfish - Western and Central North Pacific</a>	2021	6	
PIFSC	PFMC / WPFMC	<a href="#">Thresher shark - North Pacific</a>	2018	6	
PIFSC	PFMC / WPFMC	<a href="#">Yellowfin tuna - Western and Central Pacific</a>	2020	5	
SEFSC	CFMC	Puerto Rico Angelfish Complex	-	-	Complex consists of Queen angelfish, Gray angelfish, and French angelfish
SEFSC	CFMC	Puerto Rico Barracuda Complex	-	-	Only complex member is Great barracuda
SEFSC	CFMC	Puerto Rico Corals Complex	-	-	Complex consists of Black corals, Fire corals, Hydrocorals, Sea fans, and Stony corals
SEFSC	CFMC	Puerto Rico Dolphinfish Complex	-	-	Complex consists of Dolphin and Pompano dolphin
SEFSC	CFMC	Puerto Rico Grouper Unit 1	2009	2	Only complex member is Nassau grouper, stock assessment not available in Stock SMART <sup>#</sup>
SEFSC	CFMC	Puerto Rico Grouper Unit 2	-	-	Only complex member is Goliath Grouper
SEFSC	CFMC	Puerto Rico Grouper Unit 3	-	-	Complex consists of Coney, Graysby, Black grouper, and Red grouper. Coney is the indicator stock.
SEFSC	CFMC	Puerto Rico Grouper Unit 4	-	-	Complex consists of Tiger grouper and Yellowfin grouper
SEFSC	CFMC	Puerto Rico Grouper Unit 5	-	-	Complex consists of Yellowmouth grouper, Yellowedge grouper, and Misty grouper
SEFSC	CFMC	Puerto Rico Grouper Unit 6	2015	1	<a href="#">Indicator Stock: Red hind - Puerto Rico<sup>#</sup></a>
			-	-	Complex consists of Red hind and Rock hind.
SEFSC	CFMC	Puerto Rico Grunts Complex	-	-	Only complex member is White grunt
SEFSC	CFMC	Puerto Rico Jacks Complex 1	-	-	Only complex member is Crevalle jack
SEFSC	CFMC	Puerto Rico Jacks Complex 2	-	-	Only complex member is African pompano

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Science Center(s) 1	Jurisdiction <sup>2</sup>	Stock	Assessment		Assessment Notes
			Fiscal Year	Model Type <sup>3</sup>	
SEFSC	CFMC	Puerto Rico Jacks Complex 3	-	-	Only complex member is Rainbow runner
SEFSC	CFMC	Puerto Rico Mackerel Complex	-	-	Complex consists of King mackerel and Cero mackerel
SEFSC	CFMC	Puerto Rico Parrotfish Complex 1	-	-	Complex consists of Blue parrotfish, Midnight parrotfish, and Rainbow parrotfish
SEFSC	CFMC	Puerto Rico Parrotfish Complex 2	2012	1	<a href="#">Redtail parrotfish - Puerto Rico<sup>#</sup></a>
			-	-	Complex consists of Queen parrotfish, Princess parrotfish, Redtail parrotfish, Stoplight parrotfish, Redband parrotfish, Striped parrotfish
SEFSC	CFMC	<a href="#">Queen conch - Puerto Rico<sup>#</sup></a>	2009	2	
SEFSC	CFMC	Puerto Rico Rays Complex 1	-	-	Only complex member is Giant manta ray
SEFSC	CFMC	Puerto Rico Rays Complex 2	-	-	Only complex member is Spotted eagle ray
SEFSC	CFMC	Puerto Rico Rays Complex 3	-	-	Only complex member is Southern stingray
SEFSC	CFMC	Puerto Rico Sea Cucumbers Complex	-	-	Contains a broad portfolio of sea cucumber species
SEFSC	CFMC	Puerto Rico Sea Urchins Complex	-	-	Contains a broad portfolio of sea urchin species
SEFSC	CFMC	Puerto Rico Snapper Unit 1	2012	1	<a href="#">Indicator Stock: Silk snapper - Puerto Rico<sup>#</sup></a>
			-	-	Complex consists of Black snapper, Blackfin snapper, Silk snapper, and Vermilion snapper
SEFSC	CFMC	Puerto Rico Snapper Unit 2	-	-	Complex consists of Cardinal snapper and Queen snapper. Queen snapper is the indicator stock
SEFSC	CFMC	Puerto Rico Snapper Unit 3	-	-	Only complex member is Lane snapper
SEFSC	CFMC	Puerto Rico Snapper Unit 4	-	-	Complex contains Mutton snapper, Dog snapper, and Schoolmaster. Mutton snapper is the indicator stock
SEFSC	CFMC	Puerto Rico Snapper Unit 5	-	-	Only complex member is Yellowtail snapper
SEFSC	CFMC	Puerto Rico Snapper Unit 6	-	-	Only complex member is Cubera snapper
SEFSC	CFMC	Puerto Rico Surgeonfish Complex	-	-	Complex contains Blue tang, Ocean surgeonfish, and Doctorfish
SEFSC	CFMC	Puerto Rico Triggerfishes Complex	2023	6	Queen triggerfish - Puerto Rico
			-	-	Complex contains Ocean triggerfish, Queen triggerfish, and Gray triggerfish. Queen triggerfish is the indicator stock
SEFSC	CFMC	Puerto Rico Tripletail Complex	-	-	Only complex member is Tripletail
SEFSC	CFMC	Puerto Rico Tuna Complex	-	-	Complex contains Little tunny and Blackfin tuna

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Science Center(s) 1	Jurisdiction <sup>2</sup>	Stock	Assessment		Assessment Notes
			Fiscal Year	Model Type <sup>3</sup>	
SEFSC	CFMC	Puerto Rico Wahoo Complex	-	-	Only complex member is Wahoo
SEFSC	CFMC	Puerto Rico Wrasses Complex 1	-	-	Only complex member is Hogfish
SEFSC	CFMC	Puerto Rico Wrasses Complex 2	-	-	Complex contains Puddingwife and Spanish hogfish
SEFSC	CFMC	St. Croix Angelfish Complex	-	-	Complex consists of Queen angelfish, Gray angelfish, and French angelfish
SEFSC	CFMC	St. Croix Corals Complex	-	-	Complex consists of Black corals, Fire corals, Hydrocorals, Sea fans, and Stony corals
SEFSC	CFMC	St. Croix Dolphin Complex	-	-	Only complex member is Dolphin
SEFSC	CFMC	St. Croix Grouper Unit 1	-	-	Only complex member is Goliath Grouper
SEFSC	CFMC	St. Croix Grouper Unit 2	2009	2	Only complex member is Nassau grouper, stock assessment not available in Stock SMART <sup>#</sup>
SEFSC	CFMC	St. Croix Grouper Unit 3	-	-	Complex consists of Coney and Graysby. Coney is the indicator stock.
SEFSC	CFMC	St. Croix Grouper Unit 4	2015	1	<a href="#">Indicator Stock: Red hind - St. Croix<sup>#</sup></a>
			-	-	Complex consists of Red hind and Rock hind.
SEFSC	CFMC	St. Croix Grouper Unit 5	-	-	Complex consists of Black grouper, Red grouper, Tiger grouper, and Yellowfin grouper
SEFSC	CFMC	St. Croix Grouper Unit 6	-	-	Only complex member is Misty grouper
SEFSC	CFMC	St. Croix Grunts Complex	-	-	Complex consists of Bluespined grunt and white grunt
SEFSC	CFMC	St. Croix Parrotfish Complex 1	-	-	Complex consists of Blue parrotfish, Midnight parrotfish, and Rainbow parrotfish
SEFSC	CFMC	St. Croix Parrotfish Complex 2	2012	1	<a href="#">Indicator stock: Redtail parrotfish - St. Croix<sup>#</sup></a>
			-	-	Complex consists of Queen parrotfish, Princess parrotfish, Redfin parrotfish, Redtail parrotfish, Stoplight parrotfish, Redband parrotfish, Striped parrotfish. The indicator stocks are Redtail parrotfish and Stoplight parrotfish.
SEFSC	CFMC	<a href="#">Queen conch - St. Croix<sup>#</sup></a>	2009	2	
SEFSC	CFMC	St. Croix Sea Cucumbers Complex	-	-	Contains a broad portfolio of sea cucumber species
SEFSC	CFMC	St. Croix Sea Urchins Complex	-	-	Contains a broad portfolio of sea urchin species
			2012	1	<a href="#">Indicator Stock: Silk snapper - St. Croix<sup>#</sup></a>

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Science Center(s) 1	Jurisdiction <sup>2</sup>	Stock	Assessment		Assessment Notes
			Fiscal Year	Model Type <sup>3</sup>	
SEFSC	CFMC	St. Croix Snapper Unit 1	-	-	Complex consists of Black snapper, Blackfin snapper, Silk snapper, and Vermilion snapper. Indicator stocks are Blackfin snapper and Silk snapper.
SEFSC	CFMC	St. Croix Snapper Unit 2	-	-	Only complex member is Queen snapper
SEFSC	CFMC	St. Croix Snapper Unit 3	-	-	Complex consists of Lane snapper and Gray snapper
SEFSC	CFMC	St. Croix Snapper Unit 4	-	-	Only complex member is Mutton snapper
SEFSC	CFMC	St. Croix Snapper Unit 5	-	-	Only complex member is Schoolmaster
SEFSC	CFMC	St. Croix Snapper Unit 6	-	-	Only complex member is Yellowtail snapper
SEFSC	CFMC	St. Croix Squirrelfishes Complex	-	-	Only complex member is Longspine squirrelfish
SEFSC	CFMC	St. Croix Surgeonfish Complex	-	-	Complex contains Blue tang, Ocean surgeonfish, and Doctorfish
SEFSC	CFMC	St. Croix Triggerfish Complex	-	-	Only complex member is Queen triggerfish
SEFSC	CFMC	St. Croix Wahoo Complex	-	-	Only complex member is Wahoo
SEFSC	CFMC	St. Thomas / St. John Angelfish Complex	-	-	Complex consists of Queen angelfish, Gray angelfish, and French angelfish. Gray angelfish is the indicator stock.
SEFSC	CFMC	St. Thomas / St. John Corals Complex	-	-	Complex consists of Black corals, Fire corals, Hydrocorals, Sea fans, and Stony corals
SEFSC	CFMC	St. Thomas / St. John Dolphin Complex	-	-	Only complex member is Dolphin
SEFSC	CFMC	St. Thomas / St. John Grouper Unit 1	2009	2	Only complex member is Nassau grouper, stock assessment not available in Stock SMART <sup>#</sup>
SEFSC	CFMC	St. Thomas / St. John Grouper Unit 2	-	-	Only complex member is Goliath Grouper
SEFSC	CFMC	St. Thomas / St. John Grouper Unit 3	2015	1	<a href="#">Indicator Stock: Red hind - St. Thomas / St. John<sup>#</sup></a>
			-	-	Complex consists of Red hind and Coney. Red hind is the indicator stock
SEFSC	CFMC	St. Thomas / St. John Grouper Unit 4	-	-	Complex consists of Black grouper, Red grouper, Tiger grouper, and Yellowfin grouper
SEFSC	CFMC	St. Thomas / St. John Grouper Unit 5	-	-	Complex consists of Yellowmouth grouper, Yellowedge grouper, and Misty grouper
SEFSC	CFMC	St. Thomas / St. John Grunt Unit 1	-	-	Complex consists of White grunt and Bluestriped grunt. White grunt is the indicator sock
SEFSC	CFMC	St. Thomas / St. John Grunt Unit 2	-	-	Only complex member is Margate
SEFSC	CFMC	St. Thomas / St. John Jacks Complex	-	-	Only complex member is Blue runner

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Science Center(s) 1	Jurisdiction <sup>2</sup>	Stock	Assessment		Assessment Notes
			Fiscal Year	Model Type <sup>3</sup>	
SEFSC	CFMC	St. Thomas / St. John Parrotfish Complex 1	-	-	Complex consists of Blue parrotfish, Midnight parrotfish, and Rainbow parrotfish
SEFSC	CFMC	St. Thomas / St. John Parrotfish Complex 2	2012	1	<a href="#">Indicator stock: Redtail parrotfish - St. Croix<sup>#</sup></a>
			-	-	Complex consists of Queen parrotfish, Princess parrotfish, Redfin parrotfish, Redtail parrotfish, Stoplight parrotfish, Redband parrotfish, Striped parrotfish. The indicator stocks are Redtail parrotfish and Stoplight parrotfish.
SEFSC	CFMC	St. Thomas / St. John Porgies Complex	-	-	Complex consists of Jolthead porgy, Saucereye porgy, Sheepshead porgy, and Sea bream. Saucereye porgy is the indicator stock
SEFSC	CFMC	<a href="#">Queen conch - St. Thomas / St. John<sup>#</sup></a>	2009	2	
SEFSC	CFMC	St. Thomas / St. John Sea Cucumbers Complex	-	-	Contains a broad portfolio of sea cucumber species
SEFSC	CFMC	St. Thomas / St. John Sea Urchins Complex	-	-	Contains a broad portfolio of sea urchin species
SEFSC	CFMC	St. Thomas / St. John Snapper Unit 1	2012	1	<a href="#">Complex member: Silk snapper - St. Croix<sup>#</sup></a>
			-	-	Complex consists of Black snapper, Blackfin snapper, Silk snapper, and Vermilion snapper. Indicator stock is Blackfin snapper.
SEFSC	CFMC	St. Thomas / St. John Snapper Unit 2	-	-	Only complex member is Queen snapper
SEFSC	CFMC	St. Thomas / St. John Snapper Unit 3	-	-	Complex consists of Lane snapper and Mutton snapper. Mutton snapper is the indicator stock.
SEFSC	CFMC	St. Thomas / St. John Snapper Unit 4	-	-	Only complex member is Yellowtail snapper
SEFSC	CFMC	St. Thomas / St. John Surgeonfish Complex	-	-	Complex contains Blue tang, Ocean surgeonfish, and Doctorfish
SEFSC	CFMC	St. Thomas / St. John Triggerfish Complex	-	-	Only complex member is Queen triggerfish
SEFSC	CFMC	St. Thomas / St. John Wahoo Complex	-	-	Only complex member is Wahoo
SEFSC	CFMC	St. Thomas / St. John Wrasses Complex	-	-	Only complex member is Hogfish
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

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Science Center(s) 1	Jurisdiction <sup>2</sup>	Stock	Assessment		Assessment Notes
			Fiscal Year	Model Type <sup>3</sup>	
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.
SEFSC	GMFMC	Gulf of Mexico Shallow Water Grouper Complex	2022	6	This complex contains multiple members that are assessed on an as-needed basis as individual stocks. Scamp - Gulf of Mexico
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	<a href="#">Albacore - North Atlantic</a>	2021	5	
SEFSC	HMS	<a href="#">Bigeye tuna - Atlantic</a>	2021	5	
SEFSC	HMS	<a href="#">Blacknose shark - Gulf of Mexico</a>	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	<a href="#">Blue marlin - Atlantic</a>	2019	5	
SEFSC	HMS	<a href="#">Blue shark - North Atlantic</a>	2016	6	
SEFSC	HMS	<a href="#">Bluefin tuna - Western Atlantic</a>	2021	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.

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Science Center(s) 1	Jurisdiction <sup>2</sup>	Stock	Assessment		Assessment Notes
			Fiscal Year	Model Type <sup>3</sup>	
SEFSC	HMS	<a href="#">Dusky shark - Atlantic and Gulf of Mexico</a>	2016	6	
SEFSC	HMS	<a href="#">Gulf Smoothhound Complex</a>	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	<a href="#">Porbeagle - Northwestern Atlantic</a>	2021	1	
SEFSC	HMS	Prohibited Species	--	--	Stock complex has never been assessed
SEFSC	HMS	Roundscale spearfish - Atlantic	--	--	Stock has never been assessed
SEFSC	HMS	<a href="#">Sailfish - Western Atlantic</a>	2022	6	
SEFSC	HMS	<a href="#">Shortfin mako - North Atlantic</a>	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	<a href="#">Skipjack tuna - Western Atlantic</a>	2022	5	
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	<a href="#">Swordfish - North Atlantic</a>	2022	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	<a href="#">White marlin - Atlantic</a>	2020	5	
SEFSC	HMS	<a href="#">Yellowfin tuna - Atlantic</a>	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

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Science Center(s) 1	Jurisdiction <sup>2</sup>	Stock	Assessment		Assessment Notes
			Fiscal Year	Model Type <sup>3</sup>	
SEFSC	SAFMC	<a href="#">Hogfish - Carolinas</a>	2015	-6	Stock assessment was not accepted for use in management. No previous assessments exist for this stock.
SEFSC	SAFMC	<a href="#">Hogfish - Southeast Florida</a>	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.
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	<a href="#">Wreckfish - Southern Atlantic Coast</a>	2014	6	
SEFSC	SAFMC	<a href="#">Goliath grouper - Southern Atlantic Coast / Gulf of Mexico</a>	2011	3	
SEFSC	SAFMC / GMFMC	<a href="#">Caribbean spiny lobster - Southern Atlantic Coast / Gulf of Mexico</a>	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



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Science Center(s) <sup>1</sup>	Jurisdiction <sup>2</sup>	Stock	Assessment		Assessment Notes
			Fiscal Year	Model Type <sup>3</sup>	
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	<a href="#">Albacore - North Pacific</a>	2021	6	
PIFSC	PFMC / WPFMC	<a href="#">Bigeye thresher - Pacific</a>	2018	1	
SWFSC	PFMC / WPFMC	<a href="#">Bigeye tuna - Eastern Pacific</a>	2021	6	
SWFSC	PFMC / WPFMC	<a href="#">Blue shark - North Pacific</a>	2022	6	
SWFSC	PFMC / WPFMC	Dolphinfish - Pacific	--	--	Stock has never been assessed
SWFSC	PFMC / WPFMC	<a href="#">Pacific bluefin tuna - Pacific</a>	2022	6	
SWFSC	PFMC / WPFMC	<a href="#">Skipjack tuna - Eastern Pacific</a>	2018	1	
SWFSC	PFMC / WPFMC	<a href="#">Striped marlin - Eastern Pacific</a>	2010	6	
SWFSC	PFMC / WPFMC	<a href="#">Swordfish - Eastern Pacific</a>	2014	3	
SWFSC	PFMC / WPFMC	<a href="#">Yellowfin tuna - Eastern Pacific</a>	2021	6	

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Science Center(s) <sup>1</sup>	Jurisdiction <sup>2</sup>	Stock	Assessment		Assessment Notes
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Footnotes:					
# - Denotes CFMC stocks previously assessed as Caribbean-wide stock units					
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).					
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).					
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.					
1 = Data-Limited (e.g. DBSRA, DCAC, Surplus Production MSY, Egg-Escapement, Mean Length Estimation)					
2 = Index-Based (e.g. AIM, basic linear models and time series analyses)					
3 = Aggregate Biomass Dynamics (e.g. Schaefer or Pella-Tomlinson Production Models, ASPIC, delay-difference models)					
4 = Virtual Population Analysis (e.g. ADAPT, VPA-2BOX)					
5 = Statistical Catch-at-Length (e.g. SCALE, SS, MultifanCL)					
6 = Statistical Catch-at-Age (e.g. SS, ASAP, AMAK, BAM, MultifanCL, CASAL)					
4 The National Stock Assessment Program tracks and classifies its activities related to the provision of harvest recommendations based upon guidance established in the 2018 Next Generation Stock Assessment Improvement Plan document.					
<b>Research Stock Assessment</b> - Efforts that develop or revise a stock assessment data type or method that are reviewed through the regional assessment review process. These efforts do not produce management advice, though they are occasionally paired with operational stock assessments.					
<b>Operational Stock Assessment</b> - Analyses that utilize one or more of the categories of stock assessment models described in the "Model Class" field (Footnote 4). Within the range of Operational Stock Assessments will be 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.					
<b>Stock Monitoring Update</b> - Activities labeled "Stock Monitoring Analyses" generally include activities that provide stock-level advice to fishery managers between stock assessments. These analyses include the methods described in the "Model Class" field (Footnote 4), but only when they are updated using the most recent catch information to develop new catch advice. These are sometimes called partial updates. Because there are no changes in the methods or data series in stock monitoring updates, just updated catch data, the conduct and review of these analyses does not warrant intense scrutiny.					