

National Marine Fisheries Service
Quarter 3 Fiscal Year 2021

Appendix A. Completed sock assessments of FSSI stocks for quarters one, two, and three in fiscal year 2021. Information represents the best available knowledge at the time of reporting, and is subject to change.						
Completed Assessments for FSSI Stocks - FY 2021 Quarter 1 (October - December, 2020)						
Science Center(s)¹	Jurisdiction²	Stock	Model Class⁴	Planned Asmt Type⁵	Adequate?	Notes
AFSC	NPFMC	Red king crab - Norton Sound	5	Operational Stock Assessment	Yes	
AFSC	NPFMC	Alaska plaice - Bering Sea / Aleutian Islands	6	Operational Stock Assessment	Yes	
AFSC	NPFMC	Arrowtooth flounder - Bering Sea / Aleutian Islands	6	Stock Monitoring Update	Yes	
AFSC	NPFMC	Atka mackerel - Bering Sea / Aleutian Islands	6	Operational Stock Assessment	Yes	
AFSC	NPFMC	Flathead sole - Bering Sea / Aleutian Islands	6	Operational Stock Assessment	Yes	
AFSC	NPFMC	Northern rock sole - Bering Sea / Aleutian Islands	6	Stock Monitoring Update	Yes	
AFSC	NPFMC	Alaska skate - Bering Sea / Aleutian Islands	6	Stock Monitoring Update	Yes	
AFSC	NPFMC	Greenland halibut - Bering Sea / Aleutian Islands	6	Stock Monitoring Update	Yes	
AFSC	NPFMC	Kamchatka flounder - Bering Sea / Aleutian Islands	6	Stock Monitoring Update	Yes	
AFSC	NPFMC	Northern rockfish - Bering Sea / Aleutian Islands	6	Operational Stock Assessment	Yes	
AFSC	NPFMC	Pacific cod - Aleutian Islands	2	Operational Stock Assessment	No	
AFSC	NPFMC	Pacific cod - Bering Sea	6	Operational Stock Assessment	Yes	
AFSC	NPFMC	Pacific ocean perch - Bering Sea / Aleutian Islands	6	Stock Monitoring Update	Yes	
AFSC	NPFMC	Walleye pollock - Bogoslof	6	Operational Stock Assessment	Yes	

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Completed Assessments for FSSI Stocks - FY 2021 Quarter 1 (October - December, 2020)						
Science Center(s) ¹	Jurisdiction ²	Stock	Model Class ⁴	Planned Asmt Type ⁵	Adequate?	Notes
AFSC	NPFMC	Walleye pollock - Aleutian Islands	6	Stock Monitoring Update	Yes	
AFSC	NPFMC	Walleye pollock - Eastern Bering Sea	6	Operational Stock Assessment	Yes	
AFSC	NPFMC	Yellowfin sole - Bering Sea / Aleutian Islands	6	Operational Stock Assessment	Yes	
AFSC	NPFMC	Sablefish - Eastern Bering Sea / Aleutian Islands / Gulf of Alaska	6	Operational Stock Assessment	Yes	
AFSC	NPFMC	Arrowtooth flounder - Gulf of Alaska	6	Operational Stock Assessment	Yes	
AFSC	NPFMC	Dusky rockfish - Gulf of Alaska	6	Stock Monitoring Update	Yes	
AFSC	NPFMC	Flathead sole - Gulf of Alaska	6	Stock Monitoring Update	Yes	
AFSC	NPFMC	Gulf of Alaska Blackspotted and Rougheye Rockfish Complex	6	Stock Monitoring Update	Yes	
AFSC	NPFMC	Yelloweye rockfish - Gulf of Alaska	2	Operational Stock Assessment	No	
AFSC	NPFMC	Northern rock sole - Gulf of Alaska	6	Stock Monitoring Update	Yes	
AFSC	NPFMC	Rock sole - Gulf of Alaska	6	Stock Monitoring Update	Yes	
AFSC	NPFMC	Shortspine thornyhead - Gulf of Alaska	2	Operational Stock Assessment	No	
AFSC	NPFMC	Northern rockfish - Western / Central Gulf of Alaska	6	Stock Monitoring Update	Yes	
AFSC	NPFMC	Pacific cod - Gulf of Alaska	6	Operational Stock Assessment	Yes	
AFSC	NPFMC	Pacific ocean perch - Gulf of Alaska	6	Operational Stock Assessment	Yes	
AFSC	NPFMC	Rex sole - Gulf of Alaska	6	Stock Monitoring Update	Yes	

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Completed Assessments for FSSI Stocks - FY 2021 Quarter 1 (October - December, 2020)						
Science Center(s) ¹	Jurisdiction ²	Stock	Model Class ⁴	Planned Asmt Type ⁵	Adequate?	Notes
AFSC	NPFMC	Walleye pollock - Western / Central / West Yakutat Gulf of Alaska	6	Operational Stock Assessment	Yes	
SEFSC	GMFMC	Gray Triggerfish - Gulf of Mexico	6	Stock Monitoring Update	Yes	Not on initial schedule
Completed Assessments for FSSI Stocks - FY 2021 Quarter 2 (January - March, 2021)						
Science Center(s) ¹	Jurisdiction ²	Stock	Model Class ⁴	Planned Asmt Type ⁵	Adequate?	Notes
NWFSC / SWFSC	PFMC	Chinook salmon - California Central Valley: Sacramento River Fall	3	Operational Stock Assessment	Yes	
NWFSC / SWFSC	PFMC	Chinook salmon - Northern California Coast: Klamath River Fall	4	Operational Stock Assessment	Yes	
PIFSC	WPFMC	Main Hawaiian Islands Deep 7 Bottomfish	3	Operational Stock Assessment	Yes	Not on initial schedule
SEFSC	GMFMC	Greater amberjack - Gulf of Mexico	6	Operational Stock Assessment	Yes	Delayed from Q1, Delayed from 2020
SEFSC	GMFMC	Red snapper - Gulf of Mexico	6	Stock Monitoring Update	Yes	Not on initial schedule, absent from Q2 Report
SEFSC	HMS	Blacktip shark - Atlantic	6	Operational Stock Assessment	Yes	
SEFSC	SAFMC	Snowy grouper - Southern Atlantic Coast	6	Operational Stock Assessment	Yes	Delayed from Q1
Completed Assessments for FSSI Stocks - FY 2021 Quarter 3 (April - June, 2021)						
Science Center(s) ¹	Jurisdiction ²	Stock	Model Class ⁴	Planned Asmt Type ⁵	Adequate?	Notes
AFSC	NPFMC	Golden king crab - Eastern Aleutian Islands	5	Operational Stock Assessment	Yes	
AFSC	NPFMC	Golden king crab - Western Aleutian Islands	5	Operational Stock Assessment	Yes	
NWFSC / SWFSC	PFMC	Dover sole - Pacific Coast	6	Operational Stock Assessment	Yes	
NWFSC / SWFSC	PFMC	Sablefish - Pacific Coast	6	Operational Stock Assessment	Yes	
SEFSC	SAFMC	Gag - Southern Atlantic Coast	6	Operational Stock Assessment	Yes	Stock transitions to adequate

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Completed Assessments for FSSI Stocks - FY 2021 Quarter 3 (April - June, 2021)						
Science Center(s) ¹	Jurisdiction ²	Stock	Model Class ⁴	Planned Asmt Type ⁵	Adequate?	Notes
SEFSC	SAFMC	Red snapper - Southern Atlantic Coast	6	Operational Stock Assessment	Yes	
SEFSC	SAFMC	Tilefish - Southern Atlantic Coast	6	Operational Stock Assessment	Yes	
SWFSC	PFMC	Pacific mackerel - Pacific Coast	6	Operational Stock Assessment	Yes	
SWFSC	PFMC	Pacific sardine - Pacific Coast	6	Operational Stock Assessment	Yes	

Footnotes

1 NOAA Fisheries Science Centers include Alaska Fisheries Science Center (AFSC), Northeast Fisheries Science Center (NEFSC), Northwest Fisheries Science Center (NWFS), 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 FSSI refers to federally managed stocks and stock complexes included on the Fish Stock Sustainability Index. Non-FSSI refers to federally managed stocks and stock complexes not included on the Fish Stock Sustainability Index. INT refers to international stocks.

5 For FY19, the National Stock Assessment Program is adapting how it tracks and classifies its activities related to the provision of harvest recommendations. The changes reflect the guidance established in the 2018 Next Generation Stock Assessment Improvement Plan document. Operational Stock Assessment - Activities labeled "Operational Stock Assessments" include 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. Stock Monitoring Update - 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.

* Changes in the assessment schedule are indicated by red font.