

National Marine Fisheries Service - FY2013 Quarter 4

Appendix A. Assessment activity for FSSI stocks by quarter for FY2013. All stocks that had planned assessments for FY2013 are included, regardless of whether an assessment was completed. Additional explanation is provided in cases where assessments were not completed in FY2013.

**Completed Assessments - FY2013 Quarter 1 (October - December, 2012)**

Jurisdiction	FMP	Stock	Planned Level <sup>1</sup>	Actual Level <sup>1</sup>	Adequate	Notes
HMS	Consolidated Atlantic Highly Migratory Species	Bluefin tuna - Western Atlantic	4	4	Yes	Delayed from FY12
HMS	Consolidated Atlantic Highly Migratory Species	Shortfin mako - North Atlantic	4	4	Yes	ICCAT assessment
HMS	Consolidated Atlantic Highly Migratory Species	White marlin - Atlantic	4	4	Yes	ICCAT assessment
NPFMC	Bering Sea/Aleutian Islands King and Tanner Crabs	Blue king crab - Pribilof Islands	1	1	No	
NPFMC	Bering Sea/Aleutian Islands King and Tanner Crabs	Blue king crab - Saint Matthews Island	4	4	Yes	New assessment model
NPFMC	Bering Sea/Aleutian Islands King and Tanner Crabs	Golden king crab - Aleutian Islands	1	1	No	
NPFMC	Bering Sea/Aleutian Islands King and Tanner Crabs	Red king crab - Bristol Bay	4	4	Yes	
NPFMC	Bering Sea/Aleutian Islands King and Tanner Crabs	Red king crab - Norton Sound	4	4	Yes	
NPFMC	Bering Sea/Aleutian Islands King and Tanner Crabs	Red king crab - Pribilof Islands	1	1	No	
NPFMC	Bering Sea/Aleutian Islands King and Tanner Crabs	Red king crab - Western Aleutian Islands	1	1	No	
NPFMC	Bering Sea/Aleutian Islands King and Tanner Crabs	Snow crab - Bering Sea	4	4	Yes	
NPFMC	Bering Sea/Aleutian Islands King and Tanner Crabs	Southern Tanner crab - Bering Sea	4	4	Yes	New assessment model
NPFMC	Groundfish of the Bering Sea and Aleutian Islands Management Area	Alaska plaice - Bering Sea / Aleutian Islands	4	4	Yes	
NPFMC	Groundfish of the Bering Sea and Aleutian Islands Management Area	Arrowtooth flounder - Bering Sea / Aleutian Islands	5	5	Yes	
NPFMC	Groundfish of the Bering Sea and Aleutian Islands Management Area	Atka mackerel - Bering Sea / Aleutian Islands	4	4	Yes	
NPFMC	Groundfish of the Bering Sea and Aleutian Islands Management Area	Bering Sea / Aleutian Islands Blackspotted and Roughey Rockfish Complex	4	4	Yes	

National Marine Fisheries Service - FY2013 Quarter 4

FY2013 Quarter 1, Continued

Jurisdiction	FMP	Stock	Planned Level <sup>1</sup>	Actual Level <sup>1</sup>	Adequate	Notes
NPFMC	Groundfish of the Bering Sea and Aleutian Islands Management Area	Bering Sea / Aleutian Islands Flathead Sole Complex	5	5	Yes	Assessment of indicator stock, flathead sole
NPFMC	Groundfish of the Bering Sea and Aleutian Islands Management Area	Bering Sea / Aleutian Islands Rock Sole Complex	4	4	Yes	Assessment of indicator stock, northern rock sole
NPFMC	Groundfish of the Bering Sea and Aleutian Islands Management Area	Greenland halibut - Bering Sea / Aleutian Islands	4	4	Yes	
NPFMC	Groundfish of the Bering Sea and Aleutian Islands Management Area	Northern Rockfish - Bering Sea / Aleutian Islands	4	4	Yes	
NPFMC	Groundfish of the Bering Sea and Aleutian Islands Management Area	Pacific cod - Bering Sea / Aleutian Islands	4	4	Yes	
NPFMC	Groundfish of the Bering Sea and Aleutian Islands Management Area	Pacific ocean perch - Bering Sea / Aleutian Islands	4	4	Yes	
NPFMC	Groundfish of the Bering Sea and Aleutian Islands Management Area	Walleye pollock - Aleutian Islands	4	4	Yes	
NPFMC	Groundfish of the Bering Sea and Aleutian Islands Management Area	Walleye pollock - Eastern Bering Sea	4	4	Yes	
NPFMC	Groundfish of the Bering Sea and Aleutian Islands Management Area	Yellowfin sole - Bering Sea / Aleutian Islands	5	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	4	4	Yes	
NPFMC	Groundfish of the Gulf of Alaska	Arrowtooth flounder - Gulf of Alaska	4	4	Yes	Partial update
NPFMC	Groundfish of the Gulf of Alaska	Dusky rockfish - Gulf of Alaska	4	4	Yes	Partial update
NPFMC	Groundfish of the Gulf of Alaska	Flathead sole - Gulf of Alaska	4	4	Yes	Partial update
NPFMC	Groundfish of the Gulf of Alaska	Gulf of Alaska Blackspotted and Rougheye Rockfish Complex	4	4	Yes	Partial update
NPFMC	Groundfish of the Gulf of Alaska	Gulf of Alaska Deepwater Flatfish Complex	3	3	Yes	Partial update
NPFMC	Groundfish of the Gulf of Alaska	Gulf of Alaska Demersal Shelf Rockfish Complex	2	2	No	Assessment of indicator stock, yelloweye rockfish; partial update
NPFMC	Groundfish of the Gulf of Alaska	Gulf of Alaska Thornyhead Rockfish Complex	3	3	Yes	Assessment of indicator stock, shortspine thornyhead; partial update
NPFMC	Groundfish of the Gulf of Alaska	Northern rockfish - Western / Central Gulf of Alaska	4	4	Yes	Partial update
NPFMC	Groundfish of the Gulf of Alaska	Pacific cod - Gulf of Alaska	4	4	Yes	Partial update
NPFMC	Groundfish of the Gulf of Alaska	Pacific ocean perch - Gulf of Alaska	4	4	Yes	Partial update

National Marine Fisheries Service - FY2013 Quarter 4

**FY2013 Quarter 1, Continued**

Jurisdiction	FMP	Stock	Planned Level <sup>1</sup>	Actual Level <sup>1</sup>	Adequate	Notes
NPFMC	Groundfish of the Gulf of Alaska	Rex sole - Gulf of Alaska	4	4	Yes	Partial update; fishing mortality estimates not accepted
NPFMC	Groundfish of the Gulf of Alaska	Walleye pollock - Western / Central Gulf of Alaska	4	4	Yes	Partial update
PFMC	Coastal Pelagic Species	Pacific sardine - Pacific Coast	4	4	Yes	
PFMC / WPFMC	U.S. West Coast Fisheries for Highly Migratory Species / Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Pacific bluefin tuna - Pacific	4	4	Yes	ISC12
SAFMC	Snapper-Grouper Fishery of the South Atlantic Region	Red porgy - Southern Atlantic Coast	4	4	Yes	
SAFMC	Snapper-Grouper Fishery of the South Atlantic Region	Vermilion snapper - Southern Atlantic Coast	4	4	Yes	
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	4	4	Yes	Assessment completed by State of Florida
WPFMC	Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Striped marlin - Central Western Pacific	4	4	Yes	PIFSC led international assessment

**Completed Assessments - FY2013 Quarter 2 (January - March, 2013)**

Jurisdiction	FMP	Stock	Planned Level <sup>1</sup>	Actual Level <sup>1</sup>	Adequate	Notes
NEFMC	Northeast Multispecies	Atlantic cod - Georges Bank	2	4	Yes	
NEFMC	Northeast Multispecies	Atlantic cod - Gulf of Maine	3	4	Yes	
PFMC	Pacific Coast Groundfish	Pacific hake - Pacific Coast	4	4	Yes	Transboundary assessment conducted jointly with Canada DFO

National Marine Fisheries Service - FY2013 Quarter 4

Completed Assessments - FY2013 Quarter 3 (April - June, 2013)

Jurisdiction	FMP	Stock	Planned Level <sup>1</sup>	Actual Level <sup>1</sup>	Adequate	Notes
GMFMC	Reef Fish Resources of the Gulf of Mexico	Red snapper - Gulf of Mexico	4	4	Yes	SEDAR 31 benchmark asmt; final review delayed from FY12
MAFMC	Atlantic Surfclam and Ocean Quahog	Atlantic surfclam - Mid-Atlantic Coast	4	4	Yes	
NEFMC	Northeast Multispecies	White hake - Gulf of Maine / Georges Bank	4	4	Yes	Rescheduled from 2012
NEFMC	Northeast Multispecies	Yellowtail flounder - Georges Bank	4	4	Yes	TRAC process
PFMC	Pacific Coast Groundfish	Bocaccio - Southern Pacific Coast	4	4	Yes	
PFMC	Pacific Coast Groundfish	Darkblotched rockfish - Pacific Coast	4	4	Yes	
PFMC	Pacific Coast Groundfish	English sole - Pacific Coast	3	3	Yes	Data-moderate assessment
PFMC	Pacific Coast Groundfish	Petrable sole - Pacific Coast	4	4	Yes	
PFMC	Pacific Coast Groundfish	Rex sole - Pacific Coast	3	3	Yes	Data-moderate assessment
PFMC	Pacific Coast Groundfish	Yellowtail rockfish - Northern Pacific Coast	3	3	Yes	Data-moderate assessment
SAFMC	Snapper-Grouper Fishery of the South Atlantic Region	Black sea bass - Southern Atlantic Coast	4	4	Yes	
SAFMC / GMFMC	Coastal Migratory Pelagic Resources of the Gulf of Mexico and South Atlantic	Cobia - Gulf of Mexico	4	4	Yes	SEDAR 28 benchmark asmt; final review delayed from FY12
SAFMC / GMFMC	Coastal Migratory Pelagic Resources of the Gulf of Mexico and South Atlantic	Spanish mackerel - Southern Atlantic Coast	4	4	Yes	SEDAR 28 benchmark asmt; final review delayed from FY12
WPFMC	Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Blue marlin - Pacific	3	4	Yes	International assessment

National Marine Fisheries Service - FY2013 Quarter 4

Completed Assessments - FY2013 Quarter 4 (July - September, 2013)

Jurisdiction	FMP	Stock	Planned Level <sup>1</sup>	Actual Level <sup>1</sup>	Adequate	Notes
MAFMC	Atlantic Surfclam and Ocean Quahog	Ocean quahog - Atlantic Coast	4	4	Yes	Update assessment
MAFMC	Bluefish	Bluefish - Atlantic Coast	4	4	Yes	
MAFMC	Summer Flounder, Scup and Black Sea Bass	Black sea bass - Mid-Atlantic Coast	4			Removed from schedule; next tentative assessment in 2015
MAFMC	Summer Flounder, Scup and Black Sea Bass	Scup - Atlantic Coast	4			Testing of new management evaluation procedure in lieu of assessment update
MAFMC	Summer Flounder, Scup and Black Sea Bass	Summer flounder - Mid-Atlantic Coast	4	4	Yes	Benchmark SARC
NEFMC	Northeast Skate Complex	Barndoor skate - Georges Bank / Southern New England	1	1	No	Annual assessment update
NEFMC	Northeast Skate Complex	Clearnose skate - Southern New England / Mid-Atlantic	1	1	No	Annual assessment update
NEFMC	Northeast Skate Complex	Little skate - Georges Bank / Southern New England	1	1	No	Annual assessment update
NEFMC	Northeast Skate Complex	Rosette skate - Southern New England / Mid-Atlantic	1	1	No	Annual assessment update
NEFMC	Northeast Skate Complex	Smooth skate - Gulf of Maine	1	1	No	Annual assessment update
NEFMC	Northeast Skate Complex	Thorny skate - Gulf of Maine	1	1	No	Annual assessment update
NEFMC	Northeast Skate Complex	Winter skate - Georges Bank / Southern New England	1	1	No	Annual assessment update
NEFMC / MAFMC	Monkfish	Goosefish - Gulf of Maine / Northern Georges Bank	4			Delayed to FY14 Q1
NEFMC / MAFMC	Monkfish	Goosefish - Southern Georges Bank / Mid-Atlantic	4			Delayed to FY14 Q1
NEFMC / MAFMC	Spiny Dogfish	Spiny dogfish - Atlantic Coast	4	4	Yes	Update assessment
PFMC	Coastal Pelagic Species	Pacific chub mackerel - Pacific Coast				Next full asmt in 2015
PFMC	Pacific Coast Groundfish	Brown rockfish - Pacific Coast	3			Data-moderate assessment, delayed to FY14 Q1 for additional work
PFMC	Pacific Coast Groundfish	Cowcod - Southern California	3	3	Yes	Full assessment
PFMC	Pacific Coast Groundfish	Longspine thornyhead - Pacific Coast	4	3	Yes	
PFMC	Pacific Coast Groundfish	Pacific sanddab - Pacific Coast	4	4	Yes	New benchmark assessment
PFMC	Pacific Coast Groundfish	Rougheye rockfish - Pacific Coast	4	4	Yes	New benchmark assessment
PFMC	Pacific Coast Groundfish	Shortspine thornyhead - Pacific Coast	4	3	Yes	

National Marine Fisheries Service - FY2013 Quarter 4

FY2013 Quarter 4, continued

Jurisdiction	FMP	Stock	Planned Level <sup>1</sup>	Actual Level <sup>1</sup>	Adequate	Notes
PFMC	Pacific Coast Groundfish	Vermilion rockfish - California	3			Data moderate asmt explored in 2013 but not completed due to time constraints
PFMC	U.S. West Coast Fisheries for Highly Migratory Species	Striped marlin - Eastern Tropical Pacific	3			No information on international assessment available
PFMC / WPFMC	U.S. West Coast Fisheries for Highly Migratory Species / Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Albacore - North Pacific	4			International assessment will be completed in 2014
PFMC / WPFMC	U.S. West Coast Fisheries for Highly Migratory Species / Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem	Blue shark - North Pacific	3	4	Yes	International assessment
SAFMC	Shrimp Fishery of the South Atlantic Region	Brown rock shrimp - Southern Atlantic Coast	1	1	No	Annual assessment update
SAFMC	Shrimp Fishery of the South Atlantic Region	Brown shrimp - Southern Atlantic Coast	1	1	No	Annual assessment update
SAFMC	Shrimp Fishery of the South Atlantic Region	Pink shrimp - Southern Atlantic Coast	1	1	No	Annual assessment update
SAFMC	Shrimp Fishery of the South Atlantic Region	White shrimp - Southern Atlantic Coast	1	1	No	Annual assessment update
SAFMC	Snapper-Grouper Fishery of the South Atlantic Region	Gray triggerfish - Southern Atlantic Coast	4			Ageing errors will delay completion until 2015
SAFMC / GMFMC	Coastal Migratory Pelagic Resources of the Gulf of Mexico and South Atlantic	Spanish mackerel - Gulf of Mexico	4	4	Yes	SEDAR 28 benchmark asmt; final review delayed from FY12

Footnotes

<sup>1</sup>Level 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.