

Table 1. Overfishing and Overfished Status Determination Criteria contained in Fishery Management Plans

NOTE: Where "NA" is indicated, numerical estimates were not available. Some stocks are data-poor and numerical reference points have not been calculated for them. For other stocks, only ratios of F/FMSY or B/BMSY are calculated in the assessment. Wherever OFL is provided, catch/OFL is used as the basis for overfishing status.

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F _{MSY} or F _{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B _{MSY} or B _{MSY} Proxy	Estimate of Overfished	Bunit
Caribbean Fishery Management Council								
Corals and Reef Associated Plants and Invertebrates of Puerto Rico and the United States Virgin Islands								
Caribbean Aquarium Trade Plants and Invertebrates Species Complex and Caribbean Aquarium Trade Reef Fish Species Complex	Overfishing occurs when annual catches exceed the OFL (equal to MSY proxy), unless NMFS SEFSC (in consultation with the CFMC and its SSC) determines the overage occurred because data collection/monitoring improved, rather than because catches actually increased.		10,873	lb	Overfished is defined as a stock size less than MSST is set = $B_{MSY}(1-c)$; where c = the natural mortality rate (M) or 0.50, whichever is smaller.	NA	NA	NA
Queen Conch Resources of Puerto Rico and the United States Virgin Islands								
Queen conch - Caribbean Puerto Rico St. Croix St. Thomas/St. John	Overfishing occurs when annual catches exceed the OFL (equal to MSY proxy), unless NMFS SEFSC (in consultation with the CFMC and its SSC) determines the overage occurred because data collection/monitoring improved, rather than because catches actually increased.		403349 107,720 1,649	lb	Overfished is defined as a stock size less than MSST is set = $B_{MSY}(1-c)$; where c = the natural mortality rate (M) or 0.50, whichever is smaller.	NA	NA	NA
Caribbean Groupers Puerto Rico St. Croix St. Thomas/St. John	Overfishing occurs when annual catches exceed the OFL (equal to MSY proxy), unless NMFS SEFSC (in consultation with the CFMC and its SSC) determines the overage occurred because data collection/monitoring improved, rather than because catches actually increased.		299678 35,806 60,999	lb	Overfished is defined as a stock size less than MSST is set = $B_{MSY}(1-c)$; where c = the natural mortality rate (M) or 0.50, whichever is smaller.	NA	NA	NA
Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands								

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F_{MSY} or F_{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B_{MSY} or B_{MSY} Proxy	Estimate of Overfished	Bunit
Caribbean Parrotfishes Complex Puerto Rico St. Croix St. Thomas/St. John	Overfishing occurs when annual catches exceed the OFL (equal to MSY proxy), unless NMFS SEFSC (in consultation with the CFMC and its SSC) determines the overage occurred because data collection/monitoring improved, rather than because catches actually increased.		165,022 293219 48,818	lb	Overfished is defined as a stock size less than MSST is set = $BMSY(1-c)$; where c = the natural mortality rate (M) or 0.50, whichever is smaller.	NA	NA	NA
Caribbean Snappers Puerto Rico Unit 1 Puerto Rico Unit 2 Puerto Rico Unit 3 Puerto Rico Unit 4 St. Croix St. Thomas/St. John	Overfishing occurs when annual catches exceed the OFL (equal to MSY proxy), unless NMFS SEFSC (in consultation with the CFMC and its SSC) determines the overage occurred because data collection/monitoring improved, rather than because catches actually increased.		447,307 212,619 504,627 472,711 121,113 157,382	lb	Overfished is defined as a stock size less than MSST is set = $BMSY(1-c)$; where c = the natural mortality rate (M) or 0.50, whichever is smaller.	NA	NA	NA
Caribbean Tilefishes Complex	Overfishing occurs when annual catches exceed the OFL (equal to MSY proxy), unless NMFS SEFSC (in consultation with the CFMC and its SSC) determines the overage occurred because data collection/monitoring improved, rather than because catches actually increased.		16,269	lb	Overfished is defined as a stock size less than MSST is set = $BMSY(1-c)$; where c = the natural mortality rate (M) or 0.50, whichever is smaller.	NA	NA	NA
Goliath grouper - Caribbean	Overfishing occurs when annual catches exceed the OFL (equal to MSY proxy), unless NMFS SEFSC (in consultation with the CFMC and its SSC) determines the overage occurred because data collection/monitoring improved, rather than because catches actually increased.		7,236	lb	Overfished is defined as a stock size less than MSST is set = $BMSY(1-c)$; where c = the natural mortality rate (M) or 0.50, whichever is smaller.	NA	NA	NA

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F_{MSY} or F_{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B_{MSY} or B_{MSY} Proxy	Estimate of Overfished	Bunit
Nassau grouper - Caribbean	Overfishing occurs when annual catches exceed the OFL (equal to MSY proxy), unless NMFS SEFSC (in consultation with the CFMC and its SSC) determines the overage occurred because data collection/monitoring improved, rather than because catches actually increased.		23,641	lb	Overfished is defined as a stock size less than MSST is set = $BMSY(1-c)$; where c = the natural mortality rate (M) or 0.50, whichever is smaller.	NA	NA	NA
Puerto Rico Angelfishes Complex	Overfishing occurs when annual catches exceed the OFL (equal to MSY proxy), unless NMFS SEFSC (in consultation with the CFMC and its SSC) determines the overage occurred because data collection/monitoring improved, rather than because catches actually increased.		17,967	lb	Overfished is defined as a stock size less than MSST is set = $BMSY(1-c)$; where c = the natural mortality rate (M) or 0.50, whichever is smaller.	NA	NA	NA
Puerto Rico Boxfishes Complex	Overfishing occurs when annual catches exceed the OFL (equal to MSY proxy), unless NMFS SEFSC (in consultation with the CFMC and its SSC) determines the overage occurred because data collection/monitoring improved, rather than because catches actually increased.		100,812	lb	Overfished is defined as a stock size less than MSST is set = $BMSY(1-c)$; where c = the natural mortality rate (M) or 0.50, whichever is smaller.	NA	NA	NA
Puerto Rico Goatfishes Complex	Overfishing occurs when annual catches exceed the OFL (equal to MSY proxy), unless NMFS SEFSC (in consultation with the CFMC and its SSC) determines the overage occurred because data collection/monitoring improved, rather than because catches actually increased.		19,919	lb	Overfished is defined as a stock size less than MSST is set = $BMSY(1-c)$; where c = the natural mortality rate (M) or 0.50, whichever is smaller.	NA	NA	NA

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F_{MSY} or F_{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B_{MSY} or B_{MSY} Proxy	Estimate of Overfished	Bunit
Puerto Rico Grunts Complex	Overfishing occurs when annual catches exceed the OFL (equal to MSY proxy), unless NMFS SEFSC (in consultation with the CFMC and its SSC) determines the overage occurred because data collection/monitoring improved, rather than because catches actually increased.		208,249	lb	Overfished is defined as a stock size less than MSST is set = $BMSY(1-c)$; where c = the natural mortality rate (M) or 0.50, whichever is smaller.	NA	NA	NA
Puerto Rico Jacks Complex	Overfishing occurs when annual catches exceed the OFL (equal to MSY proxy), unless NMFS SEFSC (in consultation with the CFMC and its SSC) determines the overage occurred because data collection/monitoring improved, rather than because catches actually increased.		152,289	lb	Overfished is defined as a stock size less than MSST is set = $BMSY(1-c)$; where c = the natural mortality rate (M) or 0.50, whichever is smaller.	NA	NA	NA
Puerto Rico Scups and Porgies Complex	Overfishing occurs when annual catches exceed the OFL (equal to MSY proxy), unless NMFS SEFSC (in consultation with the CFMC and its SSC) determines the overage occurred because data collection/monitoring improved, rather than because catches actually increased.		30,351	lb	Overfished is defined as a stock size less than MSST is set = $BMSY(1-c)$; where c = the natural mortality rate (M) or 0.50, whichever is smaller.	NA	NA	NA
Puerto Rico Squirrelfishes Complex	Overfishing occurs when annual catches exceed the OFL (equal to MSY proxy), unless NMFS SEFSC (in consultation with the CFMC and its SSC) determines the overage occurred because data collection/monitoring improved, rather than because catches actually increased.		22,837	lb	Overfished is defined as a stock size less than MSST is set = $BMSY(1-c)$; where c = the natural mortality rate (M) or 0.50, whichever is smaller.	NA	NA	NA

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F_{MSY} or F_{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B_{MSY} or B_{MSY} Proxy	Estimate of Overfished	Bunit
Puerto Rico Surgeonfishes Complex	Overfishing occurs when annual catches exceed the OFL (equal to MSY proxy), unless NMFS SEFSC (in consultation with the CFMC and its SSC) determines the overage occurred because data collection/monitoring improved, rather than because catches actually increased.		14,348	lb	Overfished is defined as a stock size less than MSST is set = $BMSY(1-c)$; where c = the natural mortality rate (M) or 0.50, whichever is smaller.	NA	NA	NA
Puerto Rico Triggerfishes and Filefishes Complex	Overfishing occurs when annual catches exceed the OFL (equal to MSY proxy), unless NMFS SEFSC (in consultation with the CFMC and its SSC) determines the overage occurred because data collection/monitoring improved, rather than because catches actually increased.		89,337	lb	Overfished is defined as a stock size less than MSST is set = $BMSY(1-c)$; where c = the natural mortality rate (M) or 0.50, whichever is smaller.	NA	NA	NA
Puerto Rico Wrasses Complex	Overfishing occurs when annual catches exceed the OFL (equal to MSY proxy), unless NMFS SEFSC (in consultation with the CFMC and its SSC) determines the overage occurred because data collection/monitoring improved, rather than because catches actually increased.		65,774	lb	Overfished is defined as a stock size less than MSST is set = $BMSY(1-c)$; where c = the natural mortality rate (M) or 0.50, whichever is smaller.	NA	NA	NA
St. Croix Boxfishes Complex	Overfishing occurs when annual catches exceed the OFL (equal to MSY proxy), unless NMFS SEFSC (in consultation with the CFMC and its SSC) determines the overage occurred because data collection/monitoring improved, rather than because catches actually increased.		9,370	lb	Overfished is defined as a stock size less than MSST is set = $BMSY(1-c)$; where c = the natural mortality rate (M) or 0.50, whichever is smaller.	NA	NA	NA

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F_{MSY} or F_{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B_{MSY} or B_{MSY} Proxy	Estimate of Overfished	Bunit
St. Croix Goatfishes Complex	Overfishing occurs when annual catches exceed the OFL (equal to MSY proxy), unless NMFS SEFSC (in consultation with the CFMC and its SSC) determines the overage occurred because data collection/monitoring improved, rather than because catches actually increased.		4,184	lb	Overfished is defined as a stock size less than MSST is set = $BMSY(1-c)$; where c = the natural mortality rate (M) or 0.50, whichever is smaller.	NA	NA	NA
St. Croix Grunts Complex	Overfishing occurs when annual catches exceed the OFL (equal to MSY proxy), unless NMFS SEFSC (in consultation with the CFMC and its SSC) determines the overage occurred because data collection/monitoring improved, rather than because catches actually increased.		40,979	lb	Overfished is defined as a stock size less than MSST is set = $BMSY(1-c)$; where c = the natural mortality rate (M) or 0.50, whichever is smaller.	NA	NA	NA
St. Croix Jacks Complex	Overfishing occurs when annual catches exceed the OFL (equal to MSY proxy), unless NMFS SEFSC (in consultation with the CFMC and its SSC) determines the overage occurred because data collection/monitoring improved, rather than because catches actually increased.		17,210	lb	Overfished is defined as a stock size less than MSST is set = $BMSY(1-c)$; where c = the natural mortality rate (M) or 0.50, whichever is smaller.	NA	NA	NA
St. Croix Scups and Porgies Complex	Overfishing occurs when annual catches exceed the OFL (equal to MSY proxy), unless NMFS SEFSC (in consultation with the CFMC and its SSC) determines the overage occurred because data collection/monitoring improved, rather than because catches actually increased.		5,153	lb	Overfished is defined as a stock size less than MSST is set = $BMSY(1-c)$; where c = the natural mortality rate (M) or 0.50, whichever is smaller.	NA	NA	NA

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F_{MSY} or F_{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B_{MSY} or B_{MSY} Proxy	Estimate of Overfished	Bunit
St. Croix Surgeonfishes Complex	Overfishing occurs when annual catches exceed the OFL (equal to MSY proxy), unless NMFS SEFSC (in consultation with the CFMC and its SSC) determines the overage occurred because data collection/monitoring improved, rather than because catches actually increased.		44,804	lb	Overfished is defined as a stock size less than MSST is set = $BMSY(1-c)$; where c = the natural mortality rate (M) or 0.50, whichever is smaller.	NA	NA	NA
St. Croix Triggerfishes and Filefishes Complex	Overfishing occurs when annual catches exceed the OFL (equal to MSY proxy), unless NMFS SEFSC (in consultation with the CFMC and its SSC) determines the overage occurred because data collection/monitoring improved, rather than because catches actually increased.		27,755	lb	Overfished is defined as a stock size less than MSST is set = $BMSY(1-c)$; where c = the natural mortality rate (M) or 0.50, whichever is smaller.	NA	NA	NA
St. Thomas / St. John Boxfishes Complex	Overfishing occurs when annual catches exceed the OFL (equal to MSY proxy), unless NMFS SEFSC (in consultation with the CFMC and its SSC) determines the overage occurred because data collection/monitoring improved, rather than because catches actually increased.		30,978	lb	Overfished is defined as a stock size less than MSST is set = $BMSY(1-c)$; where c = the natural mortality rate (M) or 0.50, whichever is smaller.	NA	NA	NA
St. Thomas / St. John Goatfishes Complex	Overfishing occurs when annual catches exceed the OFL (equal to MSY proxy), unless NMFS SEFSC (in consultation with the CFMC and its SSC) determines the overage occurred because data collection/monitoring improved, rather than because catches actually increased.		356	lb	Overfished is defined as a stock size less than MSST is set = $BMSY(1-c)$; where c = the natural mortality rate (M) or 0.50, whichever is smaller.	NA	NA	NA

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F_{MSY} or F_{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B_{MSY} or B_{MSY} Proxy	Estimate of Overfished	Bunit
St. Thomas / St. John Grunts Complex	Overfishing occurs when annual catches exceed the OFL (equal to MSY proxy), unless NMFS SEFSC (in consultation with the CFMC and its SSC) determines the overage occurred because data collection/monitoring improved, rather than because catches actually increased.		41,797	lb	Overfished is defined as a stock size less than MSST is set = $BMSY(1-c)$; where c = the natural mortality rate (M) or 0.50, whichever is smaller.	NA	NA	NA
St. Thomas / St. John Jacks Complex	Overfishing occurs when annual catches exceed the OFL (equal to MSY proxy), unless NMFS SEFSC (in consultation with the CFMC and its SSC) determines the overage occurred because data collection/monitoring improved, rather than because catches actually increased.		58,785	lb	Overfished is defined as a stock size less than MSST is set = $BMSY(1-c)$; where c = the natural mortality rate (M) or 0.50, whichever is smaller.	NA	NA	NA
St. Thomas / St. John Scups and Porgies Complex	Overfishing occurs when annual catches exceed the OFL (equal to MSY proxy), unless NMFS SEFSC (in consultation with the CFMC and its SSC) determines the overage occurred because data collection/monitoring improved, rather than because catches actually increased.		24,243	lb	Overfished is defined as a stock size less than MSST is set = $BMSY(1-c)$; where c = the natural mortality rate (M) or 0.50, whichever is smaller.	NA	NA	NA
St. Thomas / St. John Surgeonfishes Complex	Overfishing occurs when annual catches exceed the OFL (equal to MSY proxy), unless NMFS SEFSC (in consultation with the CFMC and its SSC) determines the overage occurred because data collection/monitoring improved, rather than because catches actually increased.		38,999	lb	Overfished is defined as a stock size less than MSST is set = $BMSY(1-c)$; where c = the natural mortality rate (M) or 0.50, whichever is smaller.	NA	NA	NA

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F _{MSY} or F _{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B _{MSY} or B _{MSY} Proxy	Estimate of Overfished	Bunit
St. Thomas / St. John Triggerfishes and Filefishes Complex	Overfishing occurs when annual catches exceed the OFL (equal to MSY proxy), unless NMFS SEFSC (in consultation with the CFMC and its SSC) determines the overage occurred because data collection/monitoring improved, rather than because catches actually increased.		82,719	lb	Overfished is defined as a stock size less than MSST is set = $BMSY(1-c)$; where c = the natural mortality rate (M) or 0.50, whichever is smaller.	NA	NA	NA
Spiny Lobster Fishery of Puerto Rico and the U.S. Virgin Islands								
Caribbean spiny lobster - Puerto Rico	Overfishing occurs when annual catches exceed the OFL (equal to MSY proxy), unless NMFS SEFSC (in consultation with the CFMC and its SSC) determines the overage occurred because data collection/monitoring improved, rather than because catches actually increased.		535,816	lb	Overfished is defined as a stock size less than MSST is set = $BMSY(1-c)$; where c = the natural mortality rate (M) or 0.50, whichever is smaller.	NA	NA	NA
Caribbean spiny lobster - St. Croix	Overfishing occurs when annual catches exceed the OFL (equal to MSY proxy), unless NMFS SEFSC (in consultation with the CFMC and its SSC) determines the overage occurred because data collection/monitoring improved, rather than because catches actually increased.		119,230	lb	Overfished is defined as a stock size less than MSST is set = $BMSY(1-c)$; where c = the natural mortality rate (M) or 0.50, whichever is smaller.	NA	NA	NA
Caribbean spiny lobster - St. Thomas / St. John	Overfishing occurs when annual catches exceed the OFL (equal to MSY proxy), unless NMFS SEFSC (in consultation with the CFMC and its SSC) determines the overage occurred because data collection/monitoring improved, rather than because catches actually increased.		115,777	lb	Overfished is defined as a stock size less than MSST is set = $BMSY(1-c)$; where c = the natural mortality rate (M) or 0.50, whichever is smaller.	NA	NA	NA
Gulf of Mexico Fishery Management Council								
Red Drum Fishery of the Gulf of Mexico								

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F _{MSY} or F _{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B _{MSY} or B _{MSY} Proxy	Estimate of Overfished	Bunit
Red drum - Gulf of Mexico	The MFMT method will be used to determine overfishing for stocks or stock complexes which have stock assessments and estimates of current fishing mortality rates and maximum fishing mortality threshold only in years in which a stock assessment is conducted. For other years, and for stocks or stock complexes without stock assessments or without estimates of fishing mortality and maximum fishing mortality threshold, the OFL method will be used to determine overfishing.	0.5			Undefined	NA	NA	NA
Reef Fish Resources of the Gulf of Mexico								
Cubera snapper - Gulf of Mexico	The MFMT method will be used to determine overfishing for stocks or stock complexes which have stock assessments and estimates of current fishing mortality rates and maximum fishing mortality threshold only in years in which a stock assessment is conducted. For other years, and for stocks or stock complexes without stock assessments or without estimates of fishing mortality and maximum fishing mortality threshold, the OFL method will be used to determine overfishing.		7,000	lb	Undefined	NA	NA	NA

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F _{MSY} or F _{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B _{MSY} or B _{MSY} Proxy	Estimate of Overfished	Bunit
Gag - Gulf of Mexico	The MFMT method will be used to determine overfishing for stocks or stock complexes which have stock assessments and estimates of current fishing mortality rates and maximum fishing mortality threshold only in years in which a stock assessment is conducted. For other years, and for stocks or stock complexes without stock assessments or without estimates of fishing mortality and maximum fishing mortality threshold, the OFL method will be used to determine overfishing.	.17			A stock is overfished if the stock biomass level is less than 0.50 Bmsy or Bmsy proxy.	6,309	5,489	mt
Gray snapper - Gulf of Mexico	The MFMT method will be used to determine overfishing for stocks or stock complexes which have stock assessments and estimates of current fishing mortality rates and maximum fishing mortality threshold only in years in which a stock assessment is conducted. For other years, and for stocks or stock complexes without stock assessments or without estimates of fishing mortality and maximum fishing mortality threshold, the OFL method will be used to determine overfishing.		2,880,000	lb	Undefined			

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F _{MSY} or F _{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B _{MSY} or B _{MSY} Proxy	Estimate of Overfished	Bunit
Gray triggerfish - Gulf of Mexico	The MFMT method will be used to determine overfishing for stocks or stock complexes which have stock assessments and estimates of current fishing mortality rates and maximum fishing mortality threshold only in years in which a stock assessment is conducted. For other years, and for stocks or stock complexes without stock assessments or without estimates of fishing mortality and maximum fishing mortality threshold, the OFL method will be used to determine overfishing.		401,600	lb	A stock is overfished if the stock biomass level is less than 0.50 Bmsy or Bmsy proxy.	10.277	6.57	trillion eggs
Greater amberjack - Gulf of Mexico	The MFMT method will be used to determine overfishing for stocks or stock complexes which have stock assessments and estimates of current fishing mortality rates and maximum fishing mortality threshold only in years in which a stock assessment is conducted. For other years, and for stocks or stock complexes without stock assessments or without estimates of fishing mortality and maximum fishing mortality threshold, the OFL method will be used to determine overfishing.	.2			A stock is overfished if the stock biomass level is less than 0.50 Bmsy or Bmsy proxy.	5686	4094	mt

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F _{MSY} or F _{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B _{MSY} or B _{MSY} Proxy	Estimate of Overfished	Bunit
Gulf of Mexico Deep Water Grouper Complex	The MFMT method will be used to determine overfishing for stocks or stock complexes which have stock assessments and estimates of current fishing mortality rates and maximum fishing mortality threshold only in years in which a stock assessment is conducted. For other years, and for stocks or stock complexes without stock assessments or without estimates of fishing mortality and maximum fishing mortality threshold, the OFL method will be used to determine overfishing.		1,220,000	lb	Undefined			
Gulf of Mexico Jacks Complex	The MFMT method will be used to determine overfishing for stocks or stock complexes which have stock assessments and estimates of current fishing mortality rates and maximum fishing mortality threshold only in years in which a stock assessment is conducted. For other years, and for stocks or stock complexes without stock assessments or without estimates of fishing mortality and maximum fishing mortality threshold, the OFL method will be used to determine overfishing.		372,000	lb	Undefined			

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F _{MSY} or F _{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B _{MSY} or B _{MSY} Proxy	Estimate of Overfished	Bunit
Gulf of Mexico Mid-Water Snapper Complex	The MFMT method will be used to determine overfishing for stocks or stock complexes which have stock assessments and estimates of current fishing mortality rates and maximum fishing mortality threshold only in years in which a stock assessment is conducted. For other years, and for stocks or stock complexes without stock assessments or without estimates of fishing mortality and maximum fishing mortality threshold, the OFL method will be used to determine overfishing.		209,000	lb	Undefined			
Gulf of Mexico Tilefishes Complex	The MFMT method will be used to determine overfishing for stocks or stock complexes which have stock assessments and estimates of current fishing mortality rates and maximum fishing mortality threshold only in years in which a stock assessment is conducted. For other years, and for stocks or stock complexes without stock assessments or without estimates of fishing mortality and maximum fishing mortality threshold, the OFL method will be used to determine overfishing.		747,000	lb	Undefined			

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F _{MSY} or F _{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B _{MSY} or B _{MSY} Proxy	Estimate of Overfished	Bunit
Hogfish - Eastern Gulf of Mexico	The MFMT method will be used to determine overfishing for stocks or stock complexes which have stock assessments and estimates of current fishing mortality rates and maximum fishing mortality threshold only in years in which a stock assessment is conducted. For other years, and for stocks or stock complexes without stock assessments or without estimates of fishing mortality and maximum fishing mortality threshold, the OFL method will be used to determine overfishing. MFMT is based on F30% SPR.	.095			A stock is overfished if the stock biomass level is less than 0.50 Bmsy or Bmsy proxy.	466.246	382	million lb
Lane snapper - Gulf of Mexico	The MFMT method will be used to determine overfishing for stocks or stock complexes which have stock assessments and estimates of current fishing mortality rates and maximum fishing mortality threshold only in years in which a stock assessment is conducted. For other years, and for stocks or stock complexes without stock assessments or without estimates of fishing mortality and maximum fishing mortality threshold, the OFL method will be used to determine overfishing.		358,000	lb	Undefined			

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F_{MSY} or F_{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B_{MSY} or B_{MSY} Proxy	Estimate of Overfished	Bunit
Red grouper - Gulf of Mexico	The MFMT method will be used to determine overfishing for stocks or stock complexes which have stock assessments and estimates of current fishing mortality rates and maximum fishing mortality threshold only in years in which a stock assessment is conducted. For other years, and for stocks or stock complexes without stock assessments or without estimates of fishing mortality and maximum fishing mortality threshold, the OFL method will be used to determine overfishing.	.212			A stock is overfished if the stock biomass level is less than 0.50 Bmsy or Bmsy proxy.	2447900	2095402	Millions of eggs
Red snapper - Gulf of Mexico	The MFMT method will be used to determine overfishing for stocks or stock complexes which have stock assessments and estimates of current fishing mortality rates and maximum fishing mortality threshold only in years in which a stock assessment is conducted. For other years, and for stocks or stock complexes without stock assessments or without estimates of fishing mortality and maximum fishing mortality threshold, the OFL method will be used to determine overfishing.		16,130,000	lb	A stock is overfished when the relative spawning potential drops below the MSST = (1-M)BMSY	1.28E+12	1.16E+12	eggs

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F _{MSY} or F _{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B _{MSY} or B _{MSY} Proxy	Estimate of Overfished	Bunit
Tilefish - Gulf of Mexico	The MFMT method will be used to determine overfishing for stocks or stock complexes which have stock assessments and estimates of current fishing mortality rates and maximum fishing mortality threshold only in years in which a stock assessment is conducted. For other years, and for stocks or stock complexes without stock assessments or without estimates of fishing mortality and maximum fishing mortality threshold, the OFL method will be used to determine overfishing.				A stock is overfished when the relative spawning potential drops below the MSST = (1-M)SSB30%SPR (pending approval)			NA
Vermilion snapper - Gulf of Mexico	The MFMT method will be used to determine overfishing for stocks or stock complexes which have stock assessments and estimates of current fishing mortality rates and maximum fishing mortality threshold only in years in which a stock assessment is conducted. For other years, and for stocks or stock complexes without stock assessments or without estimates of fishing mortality and maximum fishing mortality threshold, the OFL method will be used to determine overfishing.		4,080,000		A stock is overfished if the stock biomass level is less than 0.50 Bmsy or Bmsy proxy.	1.97E+14	1.48E+14	eggs

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F _{MSY} or F _{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B _{MSY} or B _{MSY} Proxy	Estimate of Overfished	Bunit
Yellowedge grouper - Gulf of Mexico	The MFMT method will be used to determine overfishing for stocks or stock complexes which have stock assessments and estimates of current fishing mortality rates and maximum fishing mortality threshold only in years in which a stock assessment is conducted. For other years, and for stocks or stock complexes without stock assessments or without estimates of fishing mortality and maximum fishing mortality threshold, the OFL method will be used to determine overfishing.	.099			A stock is overfished when the relative spawning potential drops below the MSST = (1-M)SSB30%SPR (pending approval)	3552	7953	Billion eggs□
Shrimp Fishery of the Gulf of Mexico								
Brown shrimp - Gulf of Mexico	Overfishing occurs whenever the rate of removal is too high such that is jeopardizes the capacity of a stock or stock complex to produce the MSY on a continuing basis.	9.12			A stock or stock complex is considered overfished when its biomass has declined below the capacity of the stock or stock complex to produce MSY on a continuing basis.	6.1	6.1	Million Pounds
Pink shrimp - Gulf of Mexico	Overfishing occurs whenever the rate of removal is too high such that is jeopardizes the capacity of a stock or stock complex to produce the MSY on a continuing basis.	1.34			A stock or stock complex is considered overfished when its biomass has declined below the capacity of the stock or stock complex to produce MSY on a continuing basis.	23.7	23.7	Million Pounds

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F_{MSY} or F_{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B_{MSY} or B_{MSY} Proxy	Estimate of Overfished	Bunit
Royal red shrimp - Gulf of Mexico	Overfishing occurs whenever the rate of removal is too high such that is jeopardizes the capacity of a stock or stock complex to produce the MSY on a continuing basis.	392000			A stock or stock complex is considered overfished when its biomass has declined below the capacity of the stock or stock complex to produce MSY on a continuing basis.			lbs.
White shrimp - Gulf of Mexico	Overfishing occurs whenever the rate of removal is too high such that is jeopardizes the capacity of a stock or stock complex to produce the MSY on a continuing basis.	3.48			A stock or stock complex is considered overfished when its biomass has declined below the capacity of the stock or stock complex to produce MSY on a continuing basis.	365.7	365.7	Million Pounds
Consolidated Atlantic Highly Migratory Species								
Albacore - North Atlantic	Overfishing occurs when the MFMT is exceeded, which is set at $F_{limit} = F_{MSY}$.	0.097			A stock is overfished when the stock level biomass falls below MSST, which is set at $MSST = BLIMIT = (1-M)B_{MSY}$ when $M < 0.5$; $MSST = BLIMIT = 0.5B_{MSY}$ when $M \geq 0.5$.	407567	163026.8	metric tons
Atlantic sharpnose shark - Atlantic	Overfishing occurs when the MFMT is exceeded, which is set at $F_{limit} = F_{MSY}$.	0.184			A stock is overfished when the stock level biomass falls below MSST, which is set at $MSST = BLIMIT = (1-M)SSF_{MSY}$ when $M < 0.5$; $MSST = BLIMIT = 0.5SSF_{MSY}$ when $M \geq 0.5$.	4860000	NA	The sum of numbers at age times pup production at age

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F_{MSY} or F_{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B_{MSY} or B_{MSY} Proxy	Estimate of Overfished	Bunit
Atlantic sharpnose shark - Gulf of Mexico	Overfishing occurs when the MFMT is exceeded, which is set at $F_{limit} = F_{MSY}$.	0.331			A stock is overfished when the stock level biomass falls below MSST, which is set at $MSST = BLIMIT = (1-M)SSFMSY$ when $M < 0.5$; $MSST = BLIMIT = 0.5SSFMSY$ when $M \geq 0.5$.	17900000	NA	The sum of numbers at age times pup production at age
Bigeye tuna - Atlantic	Overfishing occurs when the MFMT is exceeded, which is set at $F_{limit} = F_{MSY}$.	NA			A stock is overfished when the stock level biomass falls below MSST, which is set at $MSST = BLIMIT = (1-M)BMSY$ when $M < 0.5$; $MSST = BLIMIT = 0.5BMSY$ when $M \geq 0.5$.	NA	NA	NA
Blacknose shark - Atlantic	Overfishing occurs when the MFMT is exceeded, which is set at $F_{limit} = F_{MSY}$.	0.01 - 0.15			A stock is overfished when the stock level biomass falls below MSST, which is set at $MSST = BLIMIT = (1-M)BMSY$ when $M < 0.5$; $MSST = BLIMIT = 0.5BMSY$ when $M \geq 0.5$.	77,577 - 288,360	62,294 - 231,553	number of sharks
Blacknose shark - Gulf of Mexico	Overfishing occurs when the MFMT is exceeded, which is set at $F_{limit} = F_{MSY}$.	NA			A stock is overfished when the stock level biomass falls below MSST, which is set at $MSST = BLIMIT = (1-M)BMSY$ when $M < 0.5$; $MSST = BLIMIT = 0.5BMSY$ when $M \geq 0.5$.	NA	NA	NA

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F_{MSY} or F_{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B_{MSY} or B_{MSY} Proxy	Estimate of Overfished	Bunit
Blacktip shark - Atlantic	Overfishing occurs when the MFMT is exceeded, which is set at $F_{limit} = F_{MSY}$.	NA			A stock is overfished when the stock level biomass falls below MSST, which is set at $MSST = BLIMIT = (1-M)B_{MSY}$ when $M < 0.5$; $MSST = BLIMIT = 0.5B_{MSY}$ when $M \geq 0.5$.			
Blacktip shark - Gulf of Mexico	Overfishing occurs when the MFMT is exceeded, which is set at $F_{limit} = F_{MSY}$.	0.021 - 0.163			A stock is overfished when the stock level biomass falls below MSST, which is set at $MSST = BLIMIT = (1-M)B_{MSY}$ when $M < 0.5$; $MSST = BLIMIT = 0.5B_{MSY}$ when $M \geq 0.5$.	1,570,000 - 6,440,000	1,327,697 - 5,446,093	number of sharks
Blue marlin - Atlantic	Overfishing occurs when the MFMT is exceeded, which is set at $F_{limit} = F_{MSY}$.	0.07			A stock is overfished when the stock level biomass falls below MSST, which is $0.9B_{MSY}$ for blue marlin	25,411	22,870	mt
Blue shark - North Atlantic	Overfishing occurs when the MFMT is exceeded, which is set at $F_{limit} = F_{MSY}$.	0.19-0.2			A stock is overfished when the stock level biomass falls below MSST, which is set at $MSST = BLIMIT = (1-M)B_{MSY}$ when $M < 0.5$; $MSST = BLIMIT = 0.5B_{MSY}$ when $M \geq 0.5$.	NA	NA	NA
Bluefin tuna - Western Atlantic	Overfishing occurs when the MFMT is exceeded, which is set at $F_{limit} = F_{MSY}$.	NA			A stock is overfished when the stock level biomass falls below MSST, which is set at $MSST = BLIMIT = (1-M)B_{MSY}$ when $M < 0.5$; $MSST = BLIMIT = 0.5B_{MSY}$ when $M \geq 0.5$.	NA	NA	NA

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F_{MSY} or F_{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B_{MSY} or B_{MSY} Proxy	Estimate of Overfished	Bunit
Dusky shark - Atlantic and Gulf of Mexico	Overfishing occurs when the MFMT is exceeded, which is set at $F_{limit} = F_{MSY}$.	0.015 - 0.046			A stock is overfished when the stock level biomass falls below MSST, which is set at $MSST = BLIMIT = (1-M)SSF_{MSY}$ when $M < 0.5$; $MSST = BLIMIT = 0.5SSF_{MSY}$ when $M \geq 0.5$.	NA	NA	NA
Finetooth shark - Atlantic and Gulf of Mexico	Overfishing occurs when the MFMT is exceeded, which is set at $F_{limit} = F_{MSY}$.	0.03			A stock is overfished when the stock level biomass falls below MSST, which is set at $MSST = BLIMIT = (1-M)B_{MSY}$ when $M < 0.5$; $MSST = BLIMIT = 0.5B_{MSY}$ when $M \geq 0.5$.	3,200,000	2,444,000	number of sharks
Gulf Smoothhound Complex	Overfishing occurs when the MFMT is exceeded, which is set at $F_{limit} = F_{MSY}$.	.106			A stock is overfished when the stock level biomass falls below MSST, which is set at $MSST = BLIMIT = (1-M)B_{MSY}$ when $M < 0.5$; $MSST = BLIMIT = 0.5B_{MSY}$ when $M \geq 0.5$.	7,190,000	5,530,000	number of fish
Porbeagle - Northwestern Atlantic	Overfishing occurs when the MFMT is exceeded, which is set at $F_{limit} = F_{MSY}$.	0.025 - 0.075			A stock is overfished when the stock level biomass falls below MSST, which is set at $MSST = BLIMIT = (1-M)B_{MSY}$ when $M < 0.5$; $MSST = BLIMIT = 0.5B_{MSY}$ when $M \geq 0.5$.	29,382 - 40,676	NA	mt
Sailfish - Western Atlantic	Overfishing occurs when the MFMT is exceeded, which is set at $F_{limit} = F_{MSY}$.	NA			A stock is overfished when the stock level biomass falls below MSST, which is $0.75B_{MSY}$ for Atlantic sailfish	1,438-1,636	NA	mt

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F _{MSY} or F _{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B _{MSY} or B _{MSY} Proxy	Estimate of Overfished	Bunit
Sandbar shark - Atlantic and Gulf of Mexico	Overfishing occurs when the MFMT is exceeded, which is set at Flimit = FMSY.	0.004 - 0.06			A stock is overfished when the stock level biomass falls below MSST, which is set at MSST = BLIMIT = (1-M)BMSY when M < 0.5; MSST = BLIMIT = 0.5BMSY when M >= 0.5.	349,330 - 1,377,800	301,821 – 1,190,419	number of sharks
Scalloped hammerhead - Atlantic	Overfishing occurs when the MFMT is exceeded, which is set at Flimit = FMSY.	0.11			A stock is overfished when the stock level biomass falls below MSST, which is set at MSST = BLIMIT = (1-M)BMSY when M < 0.5; MSST = BLIMIT = 0.5BMSY when M >= 0.5.	62000	NA	number of sharks
Shortfin mako - North Atlantic	Overfishing occurs when the MFMT is exceeded, which is set at Flimit = FMSY.	0.015 - 0.056			A stock is overfished when the stock level biomass falls below MSST, which is set at MSST = BLIMIT = (1-M)BMSY when M < 0.5; MSST = BLIMIT = 0.5BMSY when M >= 0.5.	62,555 mt- 123,475	NA	mt
Skipjack tuna - Western Atlantic	Overfishing occurs when the MFMT is exceeded, which is set at Flimit = FMSY.	1.02			A stock is overfished when the stock level biomass falls below MSST, which is set at MSST = BLIMIT = (1-M)BMSY when M < 0.5; MSST = BLIMIT = 0.5BMSY when M >= 0.5.	30,775	NA	mt

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F_{MSY} or F_{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B_{MSY} or B_{MSY} Proxy	Estimate of Overfished	Bunit
Smooth dogfish - Atlantic	Overfishing occurs when the MFMT is exceeded, which is set at $F_{limit} = F_{MSY}$.	.129			A stock is overfished when the stock level biomass falls below MSST, which is set at $MSST = BLIMIT = (1-M)B_{MSY}$ when $M < 0.5$; $MSST = BLIMIT = 0.5B_{MSY}$ when $M \geq 0.5$.	4,746,000	3,701,000	number of sharks
Swordfish - North Atlantic	Overfishing occurs when the MFMT is exceeded, which is set at $F_{limit} = F_{MSY}$.	0.17			A stock is overfished when the stock level biomass falls below MSST, which is set at $MSST = BLIMIT = (1-M)B_{MSY}$ when $M < 0.5$; $MSST = BLIMIT = 0.5B_{MSY}$ when $M \geq 0.5$.	82,640	52,048	mt
White marlin - Atlantic	Overfishing occurs when the MFMT is exceeded, which is set at $F_{limit} = F_{MSY}$.	0.03			A stock is overfished when the stock level biomass falls below MSST, which is $0.85B_{MSY}$ for white marlin	27,260 - 30,720	23,171 - 26,112	mt
Yellowfin tuna - Atlantic	Overfishing occurs when the MFMT is exceeded, which is set at $F_{limit} = F_{MSY}$.	NA			A stock is overfished when the stock level biomass falls below MSST, which is set at $MSST = BLIMIT = (1-M)B_{MSY}$ when $M < 0.5$; $MSST = BLIMIT = 0.5B_{MSY}$ when $M \geq 0.5$.	NA	NA	NA
Mid-Atlantic Fishery Management Council								
Atlantic Mackerel, Squid and Butterfish								
Butterfish - Gulf of Maine / Cape Hatteras	Overfishing will be defined to occur when the catch associated with a threshold fishing mortality rate of F_{MSY} is exceeded.	.81			The stock is overfished when the biomass is less than the biomass threshold of $\frac{1}{2}B_{MSY}$.	45616	22808	mt

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F _{MSY} or F _{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B _{MSY} or B _{MSY} Proxy	Estimate of Overfished	Bunit
Longfin inshore squid - Georges Bank / Cape Hatteras	Overfishing occurs when fishing mortality exceeds F _{Threshold}	NA			The stock is overfished when the biomass is less than the biomass threshold of ½B _{MSY} .	42405	21203	mt
Northern shortfin squid - Northwestern Atlantic Coast	Overfishing will be defined to occur when the catch associated with a threshold fishing mortality rate of F _{MSY} is exceeded.	NA			The stock is overfished when the biomass is less than the biomass threshold of ½B _{MSY} .	NA	NA	NA
Atlantic Surfclam and Ocean Quahog								
Atlantic surfclam - Mid-Atlantic Coast	Overfishing occurs when F exceeds F _{MSY} or F _{MSY} proxy.	.031			The stock is overfished when the stock size is less than ½ of the B _{MSY} or B _{MSY} proxy.	NA	NA	NA
Ocean quahog - Atlantic Coast	Overfishing occurs when F exceeds F _{MSY} or F _{MSY} proxy.	.019			The stock is overfished when the stock size is less than ½ of the B _{MSY} or B _{MSY} proxy.	2013585	1610868	mt (meat weight only)
Bluefish								
Bluefish - Atlantic Coast	Overfishing occurs when F exceeds the threshold F _{MSY} , defined as F _{40%} .	.17			The stock is overfished when the minimum biomass is less than ½B _{MSY} .	111228	55614	mt
Summer Flounder, Scup and Black Sea Bass								
Black sea bass - Mid-Atlantic Coast	Overfishing occurs when F exceeds F _{MSY} or F _{MSY} proxy.	.36			The stock is overfished when the stock size is less than ½ of the B _{MSY} or B _{MSY} proxy.	9667	4834	mt
Scup - Atlantic Coast	Overfishing occurs when F exceeds F _{MSY} or F _{MSY} proxy.	.22			The stock is overfished when the stock size is less than ½ of the B _{MSY} or B _{MSY} proxy.	87302	43651	mt
Summer flounder - Mid-Atlantic Coast	Overfishing occurs when F exceeds F _{MSY} or F _{MSY} proxy.	.309			The stock is overfished when the stock size is less than ½ of the B _{MSY} or B _{MSY} proxy.	62394	31197	mt

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F _{MSY} or F _{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B _{MSY} or B _{MSY} Proxy	Estimate of Overfished	Bunit
Tilefish								
Tilefish - Mid-Atlantic Coast	Overfishing occurs when F exceeds FMSY.	.31			The stock is overfished when the total stock biomass falls below the minimum biomass threshold (BTHRESHOLD) of ½BMSY.	9492	4746	mt
New England Fishery Management Council								
Atlantic Herring								
Atlantic herring - Northwestern Atlantic Coast	If the stock biomass is equal to or greater than BMSY, overfishing occurs when F exceeds FMSY. If the stock biomass is less than BMSY, overfishing occurs when F exceeds the level that has a 50-percent probability of rebuilding the stock biomass to BMSY in 5 years (FTHRESHOLD).	.24			The stock is overfished when stock biomass is less than ½ BMSY.	311145	155572	mt
Atlantic Sea Scallop								
Sea scallop - Northwestern Atlantic Coast	If stock biomass is equal or greater than Bmsy as measured by an absolute value of scallop meat (mt), overfishing occurs when fishing mortality exceeds Fmsy. If the total stock biomass is below Bmsy, overfishing occurs when fishing mortality exceeds the level that has a 50 percent probability to rebuild stock biomass to Bmsy in 10 years.	.48			A scallop stock is in an overfished condition when stock biomass is below ½Bmsy.	96480	48240	mt (meat weight only)
Deep-Sea Red Crab								

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F _{MSY} or F _{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B _{MSY} or B _{MSY} Proxy	Estimate of Overfished	Bunit
Red deepsea crab - Northwestern Atlantic	Overfishing is defined as any rate of exploitation such that the ratio of current exploitation to an idealized exploitation under MSY conditions exceeds a value of 1.0 (the actual measure of exploitation used is determined by the availability of suitable data).	2830			The stock is overfished if current biomass is below 1/2 B _{msy} , annual fleet average CPUE continues to decline below a baseline level for three or more consecutive years, or annual fleet average CPUE falls below a minimum threshold level in any single year.			NA
Northeast Multispecies								
Acadian redfish - Gulf of Maine / Georges Bank	Overfishing occurs when F exceeds F at 50% maximum spawning potential.	.04			Overfished is defined as spawning stock biomass less than 1/2 B _{target} ; B _{target} is defined as 50% MSP	247918	123959	mt
American plaice - Gulf of Maine / Georges Bank	Overfishing occurs when F exceeds F at 40% maximum spawning potential.	.22			Overfished is defined as spawning stock biomass less than 1/2 B _{target} ; B _{target} is defined as 40% MSP	13503	6751	mt
Atlantic cod - Georges Bank	Overfishing occurs when F exceeds F at 40% maximum spawning potential.	.18			Overfished is defined as spawning stock biomass less than 1/2 B _{target} ; B _{target} is defined as 40% MSP	186535	93267	mt
Atlantic cod - Gulf of Maine	Overfishing occurs when F exceeds F at 40% maximum spawning potential.	.17 .18			Overfished is defined as spawning stock biomass less than 1/2 B _{target} ; B _{target} is defined as 40% MSP	40604 59,714	20302 29,857	mt
Atlantic halibut - Northwestern Atlantic Coast	Overfishing occurs when F exceeds F _{0.1} .	.073			The stock is overfished when the total stock biomass is less than 1/2 B _{target} .	49000	24500	mt
Atlantic wolffish - Gulf of Maine / Georges Bank	Overfishing occurs when F exceeds F at 40% maximum spawning potential.	.22			Overfished is defined as spawning stock biomass less than 1/2 B _{target} ; B _{target} is defined as 40% MSP	1612	806	mt

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F_{MSY} or F_{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B_{MSY} or B_{MSY} Proxy	Estimate of Overfished	Bunit
Haddock - Georges Bank	Overfishing occurs when F exceeds F at 40% maximum spawning potential.	.35			Overfished is defined as spawning stock biomass less than $\frac{1}{2}$ Btarget; Btarget is defined as 40% MSP	104312	52156	mt
Haddock - Gulf of Maine	Overfishing occurs when F exceeds F at 40% maximum spawning potential.	.46			Overfished is defined as spawning stock biomass less than $\frac{1}{2}$ Btarget; Btarget is defined as 40% MSP	6769	3384	mt
Ocean pout - Northwestern Atlantic Coast	Overfishing occurs when the exploitation ratio is less than the median exploitation ratio from 1977-1985.	.76			The stock is overfished when the 3-year moving average of the NEFSC spring survey is less than $\frac{1}{2}$ BMSY proxy; where BMSY proxy = average observed 1977-1985.	4.94	2.47	kg/tow
Pollock - Gulf of Maine / Georges Bank	Overfishing occurs when F exceeds F at 40% maximum spawning potential.	.26			Overfished is defined as spawning stock biomass less than $\frac{1}{2}$ Btarget; Btarget is defined as 40% MSP	105510	52755	mt
Red hake - Gulf of Maine / Northern Georges Bank	Overfishing occurs when the ratio between catch and spring survey biomass exceeds 0.163 kt/kg, derived from AIM analyses from 1980-2009.	.163			Red hake is overfished when the three-year moving arithmetic average of the spring survey weight per tow (i.e., the biomass threshold) is less than one half of the BMSY proxy, where the BMSY proxy is defined as the average observed from 1980 – 2010.	2.54	1.27	kg/tow

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F_{MSY} or F_{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B_{MSY} or B_{MSY} Proxy	Estimate of Overfished	Bunit
Red hake - Southern Georges Bank / Mid-Atlantic	Overfishing occurs when the ratio between catch and spring survey biomass exceeds 3.038 kt/kg, derived from AIM analyses from 1980-2009.	3.038			Red hake is overfished when the three-year moving arithmetic average of the spring survey weight per tow (i.e., the biomass threshold) is less than one half of the BMSY proxy, where the BMSY proxy is defined as the average observed from 1980 – 2010.	1.02	.51	kg/tow
Silver hake - Gulf of Maine / Northern Georges Bank	Overfishing occurs when the ratio between catch and the arithmetic fall survey biomass index from the most recent three years exceeds the overfishing threshold	2.78			The stock is overfished when the 3-year moving average of the fall survey < 1/2 BMSY proxy; where BMSY proxy = average observed 1973-1982	6.42	3.21	kg/tow
Silver hake - Southern Georges Bank / Mid-Atlantic	Overfishing occurs when the ratio between catch and the arithmetic fall survey biomass index from the most recent three years exceeds the overfishing threshold	34.19			The stock is overfished when the 3-year moving average of the fall survey < 1/2 BMSY proxy; where BMSY proxy = average observed 1973-1982	1.65	.83	kg/tow
White hake - Gulf of Maine / Georges Bank	Overfishing occurs when F exceeds F at 40% maximum spawning potential.	.184			Overfished is defined as spawning stock biomass less than 1/2 Btarget; Btarget is defined as 40% MSP	30948	15474	mt SSB
Windowpane - Gulf of Maine / Georges Bank	Overfishing occurs when the exploitation ratio is less than the median exploitation ratio from 1975-2014.	.34			The stock is overfished when the 3-year moving average of the fall survey is less than 1/2 BMSY proxy; where BMSY proxy = average observed 1975-2014.	2.06	1.03	kg/tow

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F _{MSY} or F _{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B _{MSY} or B _{MSY} Proxy	Estimate of Overfished	Bunit
Windowpane - Southern New England / Mid-Atlantic	Overfishing occurs when the exploitation ratio is less than the median exploitation ratio from 1975-2014.	1.92			The stock is overfished when the 3-year moving average of the fall survey is less than 1/2 BMSY proxy; where BMSY proxy = average observed 1975-2014.	.253	.126	kg/tow
Winter flounder - Georges Bank	Overfishing occurs when F exceeds F at 40% maximum spawning potential.	.52			Overfished is defined as spawning stock biomass less than 1/2 Btarget; Btarget is defined as 40% MSP	7600	3800	mt
Winter flounder - Gulf of Maine	Overfishing occurs when F exceeds F at 40% maximum spawning potential.	.23			Overfished is defined as spawning stock biomass less than 1/2 Btarget; Btarget is defined as 40% MSP	NA	NA	
Winter flounder - Southern New England / Mid-Atlantic	Overfishing occurs when F exceeds F at 40% maximum spawning potential.	.34			Overfished is defined as spawning stock biomass less than 1/2 Btarget; Btarget is defined as 40% MSP	24687	13843	mt
Witch flounder - Northwestern Atlantic Coast	Overfishing occurs when F exceeds F at 40% maximum spawning potential.	NA			Overfished is defined as spawning stock biomass less than 1/2 Btarget; Btarget is defined as 40% MSP	NA	NA	
Yellowtail flounder - Cape Cod / Gulf of Maine	Overfishing occurs when F exceeds F at 40% maximum spawning potential.	.273			Overfished is defined as spawning stock biomass less than 1/2 Btarget; Btarget is defined as 40% MSP	4640	2320	mt
Yellowtail flounder - Georges Bank	Overfishing occurs when F exceeds F at 40% maximum spawning potential.	0.25			Overfished is defined as spawning stock biomass less than 1/2 Btarget; Btarget is defined as 40% MSP	43,200	21,600	mt
Yellowtail flounder - Southern New England / Mid-Atlantic	Overfishing occurs when F exceeds F at 40% maximum spawning potential.	.34			Overfished is defined as spawning stock biomass less than 1/2 Btarget; Btarget is defined as 40% MSP	1860	930	mt

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F_{MSY} or F_{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B_{MSY} or B_{MSY} Proxy	Estimate of Overfished	Bunit
Northeast Skate Complex								
Barndoor skate - Georges Bank / Southern New England	Overfishing occurs when the 3-year moving average of the autumn survey mean weight per tow declines 30% or more, or if the survey biomass declines for 3 consecutive years..				The stock is in an overfished condition when the 3-year moving average of the autumn survey mean weight per tow is less than one-half of the mean weight per tow observed in the autumn trawl survey from 1967-2007.	1.57	.78	kg/tow
Clearnose skate - Southern New England / Mid-Atlantic	Overfishing occurs when the 3-year moving average of the autumn survey mean weight per tow declines 20% or more, or if the survey biomass declines for 3 consecutive years..				The stock is in an overfished condition when the 3-year moving average of the autumn survey mean weight per tow is less than one-half of the mean weight per tow observed in the autumn trawl survey from 1963-2007.	.66	.33	kg/tow
Little skate - Georges Bank / Southern New England	Overfishing occurs when the 3-year moving average of the autumn survey mean weight per tow declines 20% or more, or if the survey biomass declines for 3 consecutive years.				The stock is in an overfished condition when the 3-year moving average of the spring survey mean weight per tow is less than one-half of the mean weight per tow observed in the spring trawl survey from 1982-2008.	6.15	3.07	kg/tow
Rosette skate - Southern New England / Mid-Atlantic	Overfishing occurs when the 3-year moving average of the autumn survey mean weight per tow declines 20% or more, or if the survey biomass declines for 3 consecutive years.				The stock is in an overfished condition when the 3-year moving average of the autumn survey mean weight per tow is less than one-half of the mean weight per tow observed in the autumn trawl survey from 1963-1966.	.048	.024	kg/tow

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F _{MSY} or F _{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B _{MSY} or B _{MSY} Proxy	Estimate of Overfished	Bunit
Smooth skate - Gulf of Maine	Overfishing occurs when the 3-year moving average of the autumn survey mean weight per tow declines 20% or more, or if the survey biomass declines for 3 consecutive years.	.30			The stock is in an overfished condition when the 3-year moving average of the autumn survey mean weight per tow is less than one-half of the mean weight per tow observed in the autumn trawl survey from 1963-2007.	.27	.13	kg/tow
Thorny skate - Gulf of Maine	Overfishing occurs when the 3-year moving average of the autumn survey mean weight per tow declines 20% or more.				The stock is in an overfished condition when the 3-year moving average of the autumn survey mean weight per tow is less than one-half of the mean weight per tow observed in the autumn trawl survey from 1975-2007.	4.13	2.06	kg/tow
Winter skate - Georges Bank / Southern New England	Overfishing occurs when the 3-year moving average of the autumn survey mean weight per tow declines 20% or more.				The stock is in an overfished condition when the 3-year moving average of the autumn survey mean weight per tow is less than one-half of the mean weight per tow observed in the autumn trawl survey from 1967-2007.	5.66	2.83	kg/tow
New England Fishery Management Council/Mid-Atlantic Fishery Management Council								
Monkfish								
Goosefish - Gulf of Maine / Northern Georges Bank	Overfishing occurs when F exceeds F _{THRESHOLD} , which is set equal to F _{MAX} .	.44			The stock is overfished when total stock biomass is less than 1/2 B _{max} .	46074	23037	mt
Goosefish - Southern Georges Bank / Mid-Atlantic	Overfishing occurs when F exceeds F _{THRESHOLD} , which is set equal to F _{MAX} .	.37			The stock is overfished when total stock biomass is less than 1/2 B _{max} .	71667	35834	mt
Spiny Dogfish								

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F _{MSY} or F _{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B _{MSY} or B _{MSY} Proxy	Estimate of Overfished	Bunit
Spiny dogfish - Atlantic Coast	Overfishing occurs when F exceeds F _{msy} or a reasonable proxy thereof.	.244			The stock is overfished when the biomass is less than ½B _{msy} or a reasonable proxy thereof.	159288	79644	mt (female biomass only)
North Pacific Fishery Management Council								
Bering Sea/Aleutian Islands King and Tanner Crabs								
Blue king crab - Pribilof Islands	A stock is subject to overfishing if the catch from the previous fishing year exceeds the previous year's OFL.		1.16	mt	A stock is overfished if the annual biomass estimate is less than the established MSST, defined as ½ BMSY.	4108	2054	metric tons
Blue king crab - Saint Matthew Island	A stock is subject to overfishing if the catch from the previous fishing year exceeds the previous year's OFL.		140	mt	A stock is overfished if the annual biomass estimate is less than the established MSST, defined as ½ BMSY.	3930	1970	metric tons
Golden king crab - Aleutian Islands	A stock is subject to overfishing if the catch from the previous fishing year exceeds the previous year's OFL.		5690	mt	A stock is overfished if the annual biomass estimate is less than the established MSST, defined as ½ BMSY.			mt
Golden king crab - Pribilof Islands	A stock is subject to overfishing if the catch from the previous fishing year exceeds the previous year's OFL.		93	mt	A stock is overfished if the annual biomass estimate is less than the established MSST, defined as ½ BMSY.			NA
Red king crab - Bristol Bay	A stock is subject to overfishing if the catch from the previous fishing year exceeds the previous year's OFL.		6640	mt	A stock is overfished if the annual biomass estimate is less than the established MSST, defined as ½ BMSY.	25060	12530	metric tons
Red king crab - Norton Sound	A stock is subject to overfishing if the catch from the previous fishing year exceeds the previous year's OFL.		320	mt	A stock is overfished if the annual biomass estimate is less than the established MSST, defined as ½ BMSY.	2060	1030	mt
Red king crab - Pribilof Islands	A stock is subject to overfishing if the catch from the previous fishing year exceeds the previous year's OFL.		1462	mt	A stock is overfished if the annual biomass estimate is less than the established MSST, defined as ½ BMSY.	4604	2302	metric tons

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F _{MSY} or F _{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B _{MSY} or B _{MSY} Proxy	Estimate of Overfished	Bunit
Red king crab - Western Aleutian Islands	A stock is subject to overfishing if the catch from the previous fishing year exceeds the previous year's OFL.		56	mt	A stock is overfished if the annual biomass estimate is less than the established MSST, defined as ½ BMSY.			NA
Snow crab - Bering Sea	A stock is subject to overfishing if the catch from the previous fishing year exceeds the previous year's OFL.		23700	mt	A stock is overfished if the annual biomass estimate is less than the established MSST, defined as ½ BMSY.	139400	69700	metric tons
Southern Tanner crab - Bering Sea	A stock is subject to overfishing if the catch from the previous fishing year exceeds the previous year's OFL.		25610	mt	A stock is overfished if the annual biomass estimate is less than the established MSST, defined as ½ BMSY.	29170	14580	metric tons
Fish Resources of the Arctic Management Area								
Arctic cod - Arctic Management Area	If the annual catch exceeds the annual OFL for one year or more, the stock will be determined to be subjected to overfishing.		0	mt	A stock is overfished if the annual biomass estimate is less than the established MSST, defined as ½ BMSY.			
Saffron cod - Arctic Management Area	If the annual catch exceeds the annual OFL for one year or more, the stock will be determined to be subjected to overfishing.		0	mt	A stock is overfished if the annual biomass estimate is less than the established MSST, defined as ½ BMSY.			
Snow crab - Arctic Management Area	If the annual catch exceeds the annual OFL for one year or more, the stock will be determined to be subjected to overfishing.		0	mt	A stock is overfished if the annual biomass estimate is less than the established MSST, defined as ½ BMSY.			
Groundfish of the Bering Sea and Aleutian Islands Management Area								
Alaska plaice - Bering Sea / Aleutian Islands	If the catch taken during the most recent calendar year exceeded the OFL that was specified for that year, then overfishing occurred during that year.		49000	mt	A stock is overfished when it falls below its MSST, defined as the minimum stock size at which rebuilding to the MSY level would be expected to occur within 10 years if the stock were exploited at the MFMT.	96700		metric tons

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F _{MSY} or F _{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B _{MSY} or B _{MSY} Proxy	Estimate of Overfished	Bunit
Arrowtooth flounder - Bering Sea / Aleutian Islands	If the catch taken during the most recent calendar year exceeded the OFL that was specified for that year, then overfishing occurred during that year.		94035	mt	A stock is overfished when it falls below its MSST, defined as the minimum stock size at which rebuilding to the MSY level would be expected to occur within 10 years if the stock were exploited at the MFMT.	185547		metric tons
Atka mackerel - Bering Sea / Aleutian Islands	If the catch taken during the most recent calendar year exceeded the OFL that was specified for that year, then overfishing occurred during that year.		104749	mt	A stock is overfished when it falls below its MSST, defined as the minimum stock size at which rebuilding to the MSY level would be expected to occur within 10 years if the stock were exploited at the MFMT.	109627		metric tons
Bering Sea / Aleutian Islands Blackspotted and Rougheye Rockfish Complex	If the catch taken during the most recent calendar year exceeded the OFL that was specified for that year, then overfishing occurred during that year.		693	mt	A stock is overfished when it falls below its MSST, defined as the minimum stock size at which rebuilding to the MSY level would be expected to occur within 10 years if the stock were exploited at the MFMT.	7272		metric tons
Bering Sea / Aleutian Islands Flathead Sole Complex	If the catch taken during the most recent calendar year exceeded the OFL that was specified for that year, then overfishing occurred during that year.		79562	mt	A stock is overfished when it falls below its MSST, defined as the minimum stock size at which rebuilding to the MSY level would be expected to occur within 10 years if the stock were exploited at the MFMT.	113028		metric tons

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F _{MSY} or F _{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B _{MSY} or B _{MSY} Proxy	Estimate of Overfished	Bunit
Bering Sea / Aleutian Islands Octopus Complex	If the catch taken during the most recent calendar year exceeded the OFL that was specified for that year, then overfishing occurred during that year.		3452	mt	A stock is overfished when it falls below its MSST, defined as the minimum stock size at which rebuilding to the MSY level would be expected to occur within 10 years if the stock were exploited at the MFMT.			metric tons
Bering Sea / Aleutian Islands Other Flatfish Complex	If the catch taken during the most recent calendar year exceeded the OFL that was specified for that year, then overfishing occurred during that year.		17414	mt	A stock is overfished when it falls below its MSST, defined as the minimum stock size at which rebuilding to the MSY level would be expected to occur within 10 years if the stock were exploited at the MFMT.			metric tons
Bering Sea / Aleutian Islands Other Rockfish Complex	If the catch taken during the most recent calendar year exceeded the OFL that was specified for that year, then overfishing occurred during that year.		1816	mt	A stock is overfished when it falls below its MSST, defined as the minimum stock size at which rebuilding to the MSY level would be expected to occur within 10 years if the stock were exploited at the MFMT.			metric tons
Bering Sea / Aleutian Islands Rock Sole Complex	If the catch taken during the most recent calendar year exceeded the OFL that was specified for that year, then overfishing occurred during that year.		165,900	mt	A stock is overfished when it falls below its MSST, defined as the minimum stock size at which rebuilding to the MSY level would be expected to occur within 10 years if the stock were exploited at the MFMT.	357000		metric tons

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F_{MSY} or F_{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B_{MSY} or B_{MSY} Proxy	Estimate of Overfished	Bunit
Bering Sea / Aleutian Islands Sculpin Complex	If the catch taken during the most recent calendar year exceeded the OFL that was specified for that year, then overfishing occurred during that year.		52365	mt	A stock is overfished when it falls below its MSST, defined as the minimum stock size at which rebuilding to the MSY level would be expected to occur within 10 years if the stock were exploited at the MFMT.			metric tons
Bering Sea / Aleutian Islands Shark Complex	If the catch taken during the most recent calendar year exceeded the OFL that was specified for that year, then overfishing occurred during that year.		1363	mt	A stock is overfished when it falls below its MSST, defined as the minimum stock size at which rebuilding to the MSY level would be expected to occur within 10 years if the stock were exploited at the MFMT.			metric tons
Bering Sea / Aleutian Islands Skate Complex	If the catch taken during the most recent calendar year exceeded the OFL that was specified for that year, then overfishing occurred during that year.		50215	mt	A stock is overfished when it falls below its MSST, defined as the minimum stock size at which rebuilding to the MSY level would be expected to occur within 10 years if the stock were exploited at the MFMT.	126388		metric tons
Bering Sea / Aleutian Islands Squid Complex	If the catch taken during the most recent calendar year exceeded the OFL that was specified for that year, then overfishing occurred during that year.		6912	mt	A stock is overfished when it falls below its MSST, defined as the minimum stock size at which rebuilding to the MSY level would be expected to occur within 10 years if the stock were exploited at the MFMT.			metric tons

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F _{MSY} or F _{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B _{MSY} or B _{MSY} Proxy	Estimate of Overfished	Bunit
Greenland halibut - Bering Sea / Aleutian Islands	If the catch taken during the most recent calendar year exceeded the OFL that was specified for that year, then overfishing occurred during that year.		4194	mt	A stock is overfished when it falls below its MSST, defined as the minimum stock size at which rebuilding to the MSY level would be expected to occur within 10 years if the stock were exploited at the MFMT.	36084		metric tons
Kamchatka flounder - Bering Sea / Aleutian Islands	If the catch taken during the most recent calendar year exceeded the OFL that was specified for that year, then overfishing occurred during that year.		11100	mt	A stock is overfished when it falls below its MSST, defined as the minimum stock size at which rebuilding to the MSY level would be expected to occur within 10 years if the stock were exploited at the MFMT.	44400		metric tons
Northern rockfish - Bering Sea / Aleutian Islands	If the catch taken during the most recent calendar year exceeded the OFL that was specified for that year, then overfishing occurred during that year.		14689	mt	A stock is overfished when it falls below its MSST, defined as the minimum stock size at which rebuilding to the MSY level would be expected to occur within 10 years if the stock were exploited at the MFMT.	57636		metric tons
Pacific cod - Aleutian Islands	If the catch taken during the most recent calendar year exceeded the OFL that was specified for that year, then overfishing occurred during that year.		23400	mt	A stock is overfished when it falls below its MSST, defined as the minimum stock size at which rebuilding to the MSY level would be expected to occur within 10 years if the stock were exploited at the MFMT.			metric tons

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F _{MSY} or F _{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B _{MSY} or B _{MSY} Proxy	Estimate of Overfished	Bunit
Pacific cod - Bering Sea	If the catch taken during the most recent calendar year exceeded the OFL that was specified for that year, then overfishing occurred during that year.		390000	mt	A stock is overfished when it falls below its MSST, defined as the minimum stock size at which rebuilding to the MSY level would be expected to occur within 10 years if the stock were exploited at the MFMT.	217000		metric tons
Pacific ocean perch - Bering Sea / Aleutian Islands	If the catch taken during the most recent calendar year exceeded the OFL that was specified for that year, then overfishing occurred during that year.		40529	mt	A stock is overfished when it falls below its MSST, defined as the minimum stock size at which rebuilding to the MSY level would be expected to occur within 10 years if the stock were exploited at the MFMT.	187849		metric tons
Shortraker rockfish - Bering Sea / Aleutian Islands	If the catch taken during the most recent calendar year exceeded the OFL that was specified for that year, then overfishing occurred during that year.		690	mt	A stock is overfished when it falls below its MSST, defined as the minimum stock size at which rebuilding to the MSY level would be expected to occur within 10 years if the stock were exploited at the MFMT.			metric tons
Walleye pollock - Aleutian Islands	If the catch taken during the most recent calendar year exceeded the OFL that was specified for that year, then overfishing occurred during that year.		39075	mt	A stock is overfished when it falls below its MSST, defined as the minimum stock size at which rebuilding to the MSY level would be expected to occur within 10 years if the stock were exploited at the MFMT.	71085		metric tons

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F _{MSY} or F _{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B _{MSY} or B _{MSY} Proxy	Estimate of Overfished	Bunit
Walleye pollock - Bogoslof	If the catch taken during the most recent calendar year exceeded the OFL that was specified for that year, then overfishing occurred during that year.		31906	mt	A stock is overfished when it falls below its MSST, defined as the minimum stock size at which rebuilding to the MSY level would be expected to occur within 10 years if the stock were exploited at the MFMT.			metric tons
Walleye pollock - Eastern Bering Sea	If the catch taken during the most recent calendar year exceeded the OFL that was specified for that year, then overfishing occurred during that year.		3910000	mt	A stock is overfished when it falls below its MSST, defined as the minimum stock size at which rebuilding to the MSY level would be expected to occur within 10 years if the stock were exploited at the MFMT.	2165100		metric tons
Yellowfin sole - Bering Sea / Aleutian Islands	If the catch taken during the most recent calendar year exceeded the OFL that was specified for that year, then overfishing occurred during that year.		228100	mt	A stock is overfished when it falls below its MSST, defined as the minimum stock size at which rebuilding to the MSY level would be expected to occur within 10 years if the stock were exploited at the MFMT.	424000		metric tons
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	If the catch taken during the most recent calendar year exceeded the OFL that was specified for that year, then overfishing occurred during that year.		13396	mt	A stock is overfished when it falls below its MSST, defined as the minimum stock size at which rebuilding to the MSY level would be expected to occur within 10 years if the stock were exploited at the MFMT.	92606		metric tons
Groundfish of the Gulf of Alaska								

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F _{MSY} or F _{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B _{MSY} or B _{MSY} Proxy	Estimate of Overfished	Bunit
Arrowtooth flounder - Gulf of Alaska	If the catch taken during the most recent calendar year exceeded the OFL that was specified for that year, then overfishing occurred during that year.		219430	mt	A stock is overfished when it falls below its MSST, defined as the minimum stock size at which rebuilding to the MSY level would be expected to occur within 10 years if the stock were exploited at the MFMT.	347295		metric tons
Atka mackerel - Gulf of Alaska	If the catch taken during the most recent calendar year exceeded the OFL that was specified for that year, then overfishing occurred during that year.		6200	mt	A stock is overfished when it falls below its MSST, defined as the minimum stock size at which rebuilding to the MSY level would be expected to occur within 10 years if the stock were exploited at the MFMT.			metric tons
Big skate - Gulf of Alaska	If the catch taken during the most recent calendar year exceeded the OFL that was specified for that year, then overfishing occurred during that year.		5086	mt	A stock is overfished when it falls below its MSST, defined as the minimum stock size at which rebuilding to the MSY level would be expected to occur within 10 years if the stock were exploited at the MFMT.			
Dusky rockfish - Gulf of Alaska	If the catch taken during the most recent calendar year exceeded the OFL that was specified for that year, then overfishing occurred during that year.		5733	mt	A stock is overfished when it falls below its MSST, defined as the minimum stock size at which rebuilding to the MSY level would be expected to occur within 10 years if the stock were exploited at the MFMT.	17244		metric tons

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F _{MSY} or F _{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B _{MSY} or B _{MSY} Proxy	Estimate of Overfished	Bunit
Flathead sole - Gulf of Alaska	If the catch taken during the most recent calendar year exceeded the OFL that was specified for that year, then overfishing occurred during that year.		42840	mt	A stock is overfished when it falls below its MSST, defined as the minimum stock size at which rebuilding to the MSY level would be expected to occur within 10 years if the stock were exploited at the MFMT.	32258		metric tons
Gulf of Alaska Blackspotted and Rougheye Rockfish Complex	If the catch taken during the most recent calendar year exceeded the OFL that was specified for that year, then overfishing occurred during that year.		1596	mt	A stock is overfished when it falls below its MSST, defined as the minimum stock size at which rebuilding to the MSY level would be expected to occur within 10 years if the stock were exploited at the MFMT.	7198		metric tons
Gulf of Alaska Deepwater Flatfish Complex	If the catch taken during the most recent calendar year exceeded the OFL that was specified for that year, then overfishing occurred during that year.		11102	mt	A stock is overfished when it falls below its MSST, defined as the minimum stock size at which rebuilding to the MSY level would be expected to occur within 10 years if the stock were exploited at the MFMT.	20255		metric tons
Gulf of Alaska Demersal Shelf Rockfish Complex	If the catch taken during the most recent calendar year exceeded the OFL that was specified for that year, then overfishing occurred during that year.		364	mt	A stock is overfished when it falls below its MSST, defined as the minimum stock size at which rebuilding to the MSY level would be expected to occur within 10 years if the stock were exploited at the MFMT.			metric tons

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F _{MSY} or F _{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B _{MSY} or B _{MSY} Proxy	Estimate of Overfished	Bunit
Gulf of Alaska Octopus Complex	If the catch taken during the most recent calendar year exceeded the OFL that was specified for that year, then overfishing occurred during that year.		6504	mt	A stock is overfished when it falls below its MSST, defined as the minimum stock size at which rebuilding to the MSY level would be expected to occur within 10 years if the stock were exploited at the MFMT.			metric tons
Gulf of Alaska Other Rockfish Complex	If the catch taken during the most recent calendar year exceeded the OFL that was specified for that year, then overfishing occurred during that year.		7424	mt	A stock is overfished when it falls below its MSST, defined as the minimum stock size at which rebuilding to the MSY level would be expected to occur within 10 years if the stock were exploited at the MFMT.			metric tons
Gulf of Alaska Sculpin Complex	If the catch taken during the most recent calendar year exceeded the OFL that was specified for that year, then overfishing occurred during that year.		7338	mt	A stock is overfished when it falls below its MSST, defined as the minimum stock size at which rebuilding to the MSY level would be expected to occur within 10 years if the stock were exploited at the MFMT.			metric tons
Gulf of Alaska Shallow Water Flatfish Complex	If the catch taken during the most recent calendar year exceeded the OFL that was specified for that year, then overfishing occurred during that year.		54520	mt	A stock is overfished when it falls below its MSST, defined as the minimum stock size at which rebuilding to the MSY level would be expected to occur within 10 years if the stock were exploited at the MFMT.	18100		metric tons

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F_{MSY} or F_{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B_{MSY} or B_{MSY} Proxy	Estimate of Overfished	Bunit
Gulf of Alaska Shark Complex	If the catch taken during the most recent calendar year exceeded the OFL that was specified for that year, then overfishing occurred during that year.		6020	mt	A stock is overfished when it falls below its MSST, defined as the minimum stock size at which rebuilding to the MSY level would be expected to occur within 10 years if the stock were exploited at the MFMT.			metric tons
Gulf of Alaska Skate Complex	If the catch taken during the most recent calendar year exceeded the OFL that was specified for that year, then overfishing occurred during that year.		2558	mt	A stock is overfished when it falls below its MSST, defined as the minimum stock size at which rebuilding to the MSY level would be expected to occur within 10 years if the stock were exploited at the MFMT.			metric tons
Gulf of Alaska Squid Complex	If the catch taken during the most recent calendar year exceeded the OFL that was specified for that year, then overfishing occurred during that year.		1530	mt	A stock is overfished when it falls below its MSST, defined as the minimum stock size at which rebuilding to the MSY level would be expected to occur within 10 years if the stock were exploited at the MFMT.			metric tons
Gulf of Alaska Thornyhead Rockfish Complex	If the catch taken during the most recent calendar year exceeded the OFL that was specified for that year, then overfishing occurred during that year.		2615	mt	A stock is overfished when it falls below its MSST, defined as the minimum stock size at which rebuilding to the MSY level would be expected to occur within 10 years if the stock were exploited at the MFMT.			metric tons

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F _{MSY} or F _{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B _{MSY} or B _{MSY} Proxy	Estimate of Overfished	Bunit
Longnose skate - Gulf of Alaska	If the catch taken during the most recent calendar year exceeded the OFL that was specified for that year, then overfishing occurred during that year.		4274	mt	A stock is overfished when it falls below its MSST, defined as the minimum stock size at which rebuilding to the MSY level would be expected to occur within 10 years if the stock were exploited at the MFMT.			
Northern rockfish - Western / Central Gulf of Alaska	If the catch taken during the most recent calendar year exceeded the OFL that was specified for that year, then overfishing occurred during that year.		4783	mt	A stock is overfished when it falls below its MSST, defined as the minimum stock size at which rebuilding to the MSY level would be expected to occur within 10 years if the stock were exploited at the MFMT.	24485		metric tons
Pacific cod - Gulf of Alaska	If the catch taken during the most recent calendar year exceeded the OFL that was specified for that year, then overfishing occurred during that year.		116700	mt	A stock is overfished when it falls below its MSST, defined as the minimum stock size at which rebuilding to the MSY level would be expected to occur within 10 years if the stock were exploited at the MFMT.	68872		metric tons
Pacific ocean perch - Gulf of Alaska	If the catch taken during the most recent calendar year exceeded the OFL that was specified for that year, then overfishing occurred during that year.		28431	mt	A stock is overfished when it falls below its MSST, defined as the minimum stock size at which rebuilding to the MSY level would be expected to occur within 10 years if the stock were exploited at the MFMT.	99865		metric tons

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F_{MSY} or F_{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B_{MSY} or B_{MSY} Proxy	Estimate of Overfished	Bunit
Rex sole - Gulf of Alaska	If the catch taken during the most recent calendar year exceeded the OFL that was specified for that year, then overfishing occurred during that year.		9791	mt	A stock is overfished when it falls below its MSST, defined as the minimum stock size at which rebuilding to the MSY level would be expected to occur within 10 years if the stock were exploited at the MFMT.	19896		metric tons
Shortraker rockfish - Gulf of Alaska	If the catch taken during the most recent calendar year exceeded the OFL that was specified for that year, then overfishing occurred during that year.		1715	mt	A stock is overfished when it falls below its MSST, defined as the minimum stock size at which rebuilding to the MSY level would be expected to occur within 10 years if the stock were exploited at the MFMT.			metric tons
Walleye pollock - Southeast Gulf of Alaska	If the catch taken during the most recent calendar year exceeded the OFL that was specified for that year, then overfishing occurred during that year.		13226	mt	A stock is overfished when it falls below its MSST, defined as the minimum stock size at which rebuilding to the MSY level would be expected to occur within 10 years if the stock were exploited at the MFMT.			metric tons
Walleye pollock - Western / Central / West Yakutat Gulf of Alaska	If the catch taken during the most recent calendar year exceeded the OFL that was specified for that year, then overfishing occurred during that year.		322858	mt	A stock is overfished when it falls below its MSST, defined as the minimum stock size at which rebuilding to the MSY level would be expected to occur within 10 years if the stock were exploited at the MFMT.	233536		metric tons

Salmon Fisheries in the EEZ off the Coast of Alaska

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F_{MSY} or F_{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B_{MSY} or B_{MSY} Proxy	Estimate of Overfished	Bunit
Alaska Coho Salmon Assemblage	The Alaska coho salmon assemblage is subject to overfishing when the exploitation rate of any of the 4 indicator stocks is exceeded: Coho salmon - Auke Creeke Coho salmon - Berners River Coho salmon - Ford Arm Lake Coho salmon - Hugh Smith Lake	0.77			The Alaska coho salmon assemblage is overfished when adult spawner escapement (natural only) of any of the 4 indicator stocks is below the 50% MSY escapement goal from the most recent Tcoho years: Coho salmon - Auke Creeke Coho salmon - Berners River Coho salmon - Ford Arm Lake Coho salmon - Hugh Smith Lake	25200	12600	spawners (wild)
Alaska Coho Salmon Assemblage	The Alaska coho salmon assemblage is subject to overfishing when the exploitation rate of any of the 4 indicator stocks is exceeded: Coho salmon - Auke Creeke Coho salmon - Berners River Coho salmon - Ford Arm Lake Coho salmon - Hugh Smith Lake	0.83			The Alaska coho salmon assemblage is overfished when adult spawner escapement (natural only) of any of the 4 indicator stocks is below the 50% MSY escapement goal from the most recent Tcoho years: Coho salmon - Auke Creeke Coho salmon - Berners River Coho salmon - Ford Arm Lake Coho salmon - Hugh Smith Lake	8200	4100	spawners (wild)

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F _{MSY} or F _{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B _{MSY} or B _{MSY} Proxy	Estimate of Overfished	Bunit
Alaska Coho Salmon Assemblage	The Alaska coho salmon assemblage is subject to overfishing when the exploitation rate of any of the 4 indicator stocks is exceeded: Coho salmon - Auke Creeke Coho salmon - Berners River Coho salmon - Ford Arm Lake Coho salmon - Hugh Smith Lake	0.90			The Alaska coho salmon assemblage is overfished when adult spawner escapement (natural only) of any of the 4 indicator stocks is below the 50% MSY escapement goal from the most recent Tcoho years: Coho salmon - Auke Creeke Coho salmon - Berners River Coho salmon - Ford Arm Lake Coho salmon - Hugh Smith Lake	3400	1700	spawners (wild)
Alaska Coho Salmon Assemblage	The Alaska coho salmon assemblage is subject to overfishing when the exploitation rate of any of the 4 indicator stocks is exceeded: Coho salmon - Auke Creeke Coho salmon - Berners River Coho salmon - Ford Arm Lake Coho salmon - Hugh Smith Lake	0.84			The Alaska coho salmon assemblage is overfished when adult spawner escapement (natural only) of any of the 4 indicator stocks is below the 50% MSY escapement goal from the most recent Tcoho years: Coho salmon - Auke Creeke Coho salmon - Berners River Coho salmon - Ford Arm Lake Coho salmon - Hugh Smith Lake	1360	680	spawners (wild)
Chinook salmon - Eastern North Pacific Far North Migrating	The stock is subject to overfishing when catch of adult spawners (hatchery + natural) exceeds the level associated with the 50% escapement goal.	1,520,050			The stock is overfished when adult spawner escapement (hatchery + natural) is below the 50% escapement goal from the most recent Tchln years.	1312295	656148	spawners (wild)□

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F _{MSY} or F _{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B _{MSY} or B _{MSY} Proxy	Estimate of Overfished	Bunit
Scallop Fishery off Alaska								
Weatherwane scallop - Alaska	Overfishing is defined as the catch corresponding to fishing at a rate equal to the MFMT is referred to as the "sustainable yield level"		585	mt	Undefined			lbs. of shucked meats
Pacific Fishery Management Council Coastal Pelagic Species								
Jack mackerel - Pacific Coast	Overfishing occurs in the fishery whenever catch exceeds OFL.		126,000	mt	A stock is overfished when the biomass level is low enough to jeopardize the capacity of the stock to produce MSY on a continuing basis.			
Krill (Euphausiacea) - Pacific Coast	Undefined				Undefined			
Northern anchovy - Northern Pacific Coast	Overfishing occurs in the fishery whenever catch exceeds OFL.				A stock is overfished when the biomass level is low enough to jeopardize the capacity of the stock to produce MSY on a continuing basis.			
Northern anchovy - Southern Pacific Coast	Overfishing occurs in the fishery whenever catch exceeds OFL.		100,000	mt	A stock is overfished when the biomass level is low enough to jeopardize the capacity of the stock to produce MSY on a continuing basis.			
Pacific chub mackerel - Pacific Coast	Overfishing occurs in the fishery whenever catch exceeds OFL.		24,983	mt	A stock is overfished when the biomass level is low enough to jeopardize the capacity of the stock to produce MSY on a continuing basis.		18200	mt

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F_{MSY} or F_{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B_{MSY} or B_{MSY} Proxy	Estimate of Overfished	Bunit
Pacific sardine - Pacific Coast	Overfishing occurs in the fishery whenever catch exceeds OFL.		23,085	mt	A stock is overfished when the biomass level is low enough to jeopardize the capacity of the stock to produce MSY on a continuing basis.		50000	mt
Pacific Coast Groundfish								
Arrowtooth flounder - Pacific Coast	Overfishing occurs when the catch exceeds the fishing mortality rate needed to produce the maximum sustainable yield (FMSY) on a continual basis. The MFMT is the value(s) of fishing mortality in the MSY control rule (varies by species), which is used to calculate the OFL.		6599	mt	The stock is overfished if the current estimated spawning biomass (or spawning output) is less than 12.5% of the unfished level.	16362.05	8181.03	mature female biomass
Aurora rockfish - Pacific Coast	Undefined				The stock is overfished if its current estimated spawning biomass (or spawning output) is less than 25% of the unfished level, or if the current biomass is less than 50% of the biomass that would produce the maximum sustainable yield (MSY), if known.	1050	656.52	mt (female mature biomass)
Black rockfish - Northern Pacific Coast	Overfishing occurs when the catch exceeds the fishing mortality rate needed to produce the maximum sustainable yield (FMSY) on a continual basis. The MFMT is the value(s) of fishing mortality in the MSY control rule (varies by species), which is used to calculate the OFL.		421	mt	The stock is overfished if its current estimated spawning biomass (or spawning output) is less than 25% of the unfished level, or if the current biomass is less than 50% of the biomass that would produce the maximum sustainable yield (MSY), if known.	928.284	580.178	mt (female biomass only)

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F _{MSY} or F _{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B _{MSY} or B _{MSY} Proxy	Estimate of Overfished	Bunit
Black rockfish - Southern Pacific Coast	Overfishing occurs when the catch exceeds the fishing mortality rate needed to produce the maximum sustainable yield (FMSY) on a continual basis. The MFMT is the value(s) of fishing mortality in the MSY control rule (varies by species), which is used to calculate the OFL.		1176	mt	The stock is overfished if its current estimated spawning biomass (or spawning output) is less than 25% of the unfished level, or if the current biomass is less than 50% of the biomass that would produce the maximum sustainable yield (MSY), if known.	1831.4	1144.625	million larvae
Blackgill rockfish - Southern California	Undefined				The stock is overfished if its current estimated spawning biomass (or spawning output) is less than 25% of the unfished level, or if the current biomass is less than 50% of the biomass that would produce the maximum sustainable yield (MSY), if known.	825.6	516	billion larvae
Blue rockfish - California	Undefined				The stock is overfished if its current estimated spawning biomass (or spawning output) is less than 25% of the unfished level, or if the current biomass is less than 50% of the biomass that would produce the maximum sustainable yield (MSY), if known.	830.8	519.25	million larvae

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F _{MSY} or F _{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B _{MSY} or B _{MSY} Proxy	Estimate of Overfished	Bunit
Bocaccio - Southern Pacific Coast	Overfishing occurs when the catch exceeds the fishing mortality rate needed to produce the maximum sustainable yield (FMSY) on a continual basis. The MFMT is the value(s) of fishing mortality in the MSY control rule (varies by species), which is used to calculate the OFL.		1444	mt	The stock is overfished if its current estimated spawning biomass (or spawning output) is less than 25% of the unfished level, or if the current biomass is less than 50% of the biomass that would produce the maximum sustainable yield (MSY), if known.	2964.4	1852.75	million larvae
Brown rockfish - Pacific Coast	Undefined				The stock is overfished if its current estimated spawning biomass (or spawning output) is less than 25% of the unfished level, or if the current biomass is less than 50% of the biomass that would produce the maximum sustainable yield (MSY), if known.			mt (female biomass only)
Cabezon - Southern Pacific Coast	Overfishing occurs when the catch exceeds the fishing mortality rate needed to produce the maximum sustainable yield (FMSY) on a continual basis. The MFMT is the value(s) of fishing mortality in the MSY control rule (varies by species), which is used to calculate the OFL.		161	mt	The stock is overfished if its current estimated spawning biomass (or spawning output) is less than 25% of the unfished level, or if the current biomass is less than 50% of the biomass that would produce the maximum sustainable yield (MSY), if known.	519.723	324.827	mt (female biomass only)

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F_{MSY} or F_{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B_{MSY} or B_{MSY} Proxy	Estimate of Overfished	Bunit
California scorpionfish - Southern California	Overfishing occurs when the catch exceeds the fishing mortality rate needed to produce the maximum sustainable yield (FMSY) on a continual basis. The MFMT is the value(s) of fishing mortality in the MSY control rule (varies by species), which is used to calculate the OFL.		122	mt	The stock is overfished if its current estimated spawning biomass (or spawning output) is less than 25% of the unfished level, or if the current biomass is less than 50% of the biomass that would produce the maximum sustainable yield (MSY), if known.	649.8	406.1	mt
Canary rockfish - Pacific Coast	Overfishing occurs when the catch exceeds the fishing mortality rate needed to produce the maximum sustainable yield (FMSY) on a continual basis. The MFMT is the value(s) of fishing mortality in the MSY control rule (varies by species), which is used to calculate the OFL.		733	mt	The stock is overfished if its current estimated spawning biomass (or spawning output) is less than 25% of the unfished level, or if the current biomass is less than 50% of the biomass that would produce the maximum sustainable yield (MSY), if known.	2984.324	1865.2	million eggs
Chilipepper - Southern Pacific Coast	Overfishing occurs when the catch exceeds the fishing mortality rate needed to produce the maximum sustainable yield (FMSY) on a continual basis. The MFMT is the value(s) of fishing mortality in the MSY control rule (varies by species), which is used to calculate the OFL.		1703	mt	The stock is overfished if its current estimated spawning biomass (or spawning output) is less than 25% of the unfished level, or if the current biomass is less than 50% of the biomass that would produce the maximum sustainable yield (MSY), if known.	2721	1701	millions larvae

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F _{MSY} or F _{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B _{MSY} or B _{MSY} Proxy	Estimate of Overfished	Bunit
China rockfish - Pacific Coast	Undefined				The stock is overfished if its current estimated spawning biomass (or spawning output) is less than 25% of the unfished level, or if the current biomass is less than 50% of the biomass that would produce the maximum sustainable yield (MSY), if known.			mt (mature female biomass)
Copper rockfish - Pacific Coast	Undefined				The stock is overfished if its current estimated spawning biomass (or spawning output) is less than 25% of the unfished level, or if the current biomass is less than 50% of the biomass that would produce the maximum sustainable yield (MSY), if known.			mt (mature female biomass)
Cowcod - Southern California	Overfishing occurs when the catch exceeds the fishing mortality rate needed to produce the maximum sustainable yield (FMSY) on a continual basis. The MFMT is the value(s) of fishing mortality in the MSY control rule (varies by species), which is used to calculate the OFL.		67	mt	The stock is overfished if its current estimated spawning biomass (or spawning output) is less than 25% of the unfished level, or if the current biomass is less than 50% of the biomass that would produce the maximum sustainable yield (MSY), if known.			mt (female biomass only)

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F _{MSY} or F _{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B _{MSY} or B _{MSY} Proxy	Estimate of Overfished	Bunit
Darkblotched rockfish - Pacific Coast	Overfishing occurs when the catch exceeds the fishing mortality rate needed to produce the maximum sustainable yield (FMSY) on a continual basis. The MFMT is the value(s) of fishing mortality in the MSY control rule (varies by species), which is used to calculate the OFL.		574	mt	The stock is overfished if its current estimated spawning biomass (or spawning output) is less than 25% of the unfished level, or if the current biomass is less than 50% of the biomass that would produce the maximum sustainable yield (MSY), if known.	1417.724	886.078	million eggs
Dover sole - Pacific Coast	Overfishing occurs when the catch exceeds the fishing mortality rate needed to produce the maximum sustainable yield (FMSY) on a continual basis. The MFMT is the value(s) of fishing mortality in the MSY control rule (varies by species), which is used to calculate the OFL.		66871	mt	The stock is overfished if the current estimated spawning biomass (or spawning output) is less than 12.5% of the unfished level.	117466.5	58733.25	mt
English sole - Pacific Coast	Overfishing occurs when the catch exceeds the fishing mortality rate needed to produce the maximum sustainable yield (FMSY) on a continual basis. The MFMT is the value(s) of fishing mortality in the MSY control rule (varies by species), which is used to calculate the OFL.		5906	mt	The stock is overfished if the current estimated spawning biomass (or spawning output) is less than 12.5% of the unfished level.			mt (mature female biomass)
Gopher rockfish - Northern California	Undefined				The stock is overfished if its current estimated spawning biomass (or spawning output) is less than 25% of the unfished level, or if the current biomass is less than 50% of the biomass that would produce the maximum sustainable yield (MSY), if known.	798	499	mt

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F _{MSY} or F _{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B _{MSY} or B _{MSY} Proxy	Estimate of Overfished	Bunit
Greenspotted rockfish - Pacific Coast	Undefined				The stock is overfished if its current estimated spawning biomass (or spawning output) is less than 25% of the unfished level, or if the current biomass is less than 50% of the biomass that would produce the maximum sustainable yield (MSY), if known.	543.114	339.446	billion eggs
Greenstriped rockfish - Pacific Coast	Undefined					2836	1772.5	million eggs
Kelp greenling - Oregon	Undefined				The stock is overfished if its current estimated spawning biomass (or spawning output) is less than 25% of the unfished level, or if the current biomass is less than 50% of the biomass that would produce the maximum sustainable yield (MSY), if known.	158.8	99.25	mt (female mature biomass)
Lingcod - Pacific Coast	Overfishing occurs when the catch exceeds the fishing mortality rate needed to produce the maximum sustainable yield (FMSY) on a continual basis. The MFMT is the value(s) of fishing mortality in the MSY control rule (varies by species), which is used to calculate the OFL.		3010	mt	The stock is overfished if its current estimated spawning biomass (or spawning output) is less than 25% of the unfished level, or if the current biomass is less than 50% of the biomass that would produce the maximum sustainable yield (MSY), if known.	23354	14597	mt (female biomass only)

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F _{MSY} or F _{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B _{MSY} or B _{MSY} Proxy	Estimate of Overfished	Bunit
Longnose skate - Pacific Coast	Overfishing occurs when the catch exceeds the fishing mortality rate needed to produce the maximum sustainable yield (FMSY) on a continual basis. The MFMT is the value(s) of fishing mortality in the MSY control rule (varies by species), which is used to calculate the OFL.		2449	mt	The stock is overfished if its current estimated spawning biomass (or spawning output) is less than 25% of the unfished level, or if the current biomass is less than 50% of the biomass that would produce the maximum sustainable yield (MSY), if known.	2813.6	1758.5	mt (female biomass only)
Longspine thornyhead - Pacific Coast	Overfishing occurs when the catch exceeds the fishing mortality rate needed to produce the maximum sustainable yield (FMSY) on a continual basis. The MFMT is the value(s) of fishing mortality in the MSY control rule (varies by species), which is used to calculate the OFL.		5007	mt	The stock is overfished if its current estimated spawning biomass (or spawning output) is less than 25% of the unfished level, or if the current biomass is less than 50% of the biomass that would produce the maximum sustainable yield (MSY), if known.	15654	9783.5	mt (female mature biomass)
Northern Pacific Coast Minor Nearshore Rockfish Complex	Overfishing occurs when the catch exceeds the fishing mortality rate needed to produce the maximum sustainable yield (FMSY) on a continual basis. The MFMT is the value(s) of fishing mortality in the MSY control rule (varies by species), which is used to calculate the OFL.		88	mt	Undefined			
Northern Pacific Coast Minor Shelf Rockfish Complex	Overfishing occurs when the catch exceeds the fishing mortality rate needed to produce the maximum sustainable yield (FMSY) on a continual basis. The MFMT is the value(s) of fishing mortality in the MSY control rule (varies by species), which is used to calculate the OFL.		2209	mt	Undefined			

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F _{MSY} or F _{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B _{MSY} or B _{MSY} Proxy	Estimate of Overfished	Bunit
Northern Pacific Coast Minor Slope Rockfish Complex	Overfishing occurs when the catch exceeds the fishing mortality rate needed to produce the maximum sustainable yield (FMSY) on a continual basis. The MFMT is the value(s) of fishing mortality in the MSY control rule (varies by species), which is used to calculate the OFL.		1831	mt	Undefined			
Pacific Coast Blackspotted and Rougheye Rockfish Complex	Undefined					2158	1348.5	mt (female mature biomass)
Pacific Coast Other Flatfish Complex	Overfishing occurs when the catch exceeds the fishing mortality rate needed to produce the maximum sustainable yield (FMSY) on a continual basis. The MFMT is the value(s) of fishing mortality in the MSY control rule (varies by species), which is used to calculate the OFL.		11453	mt	Undefined			
Pacific Coast Other Groundfish Complex	Overfishing occurs when the catch exceeds the fishing mortality rate needed to produce the maximum sustainable yield (FMSY) on a continual basis. The MFMT is the value(s) of fishing mortality in the MSY control rule (varies by species), which is used to calculate the OFL.		291	mt	Undefined			

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F _{MSY} or F _{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B _{MSY} or B _{MSY} Proxy	Estimate of Overfished	Bunit
Pacific cod - Pacific Coast	Overfishing occurs when the catch exceeds the fishing mortality rate needed to produce the maximum sustainable yield (FMSY) on a continual basis. The MFMT is the value(s) of fishing mortality in the MSY control rule (varies by species), which is used to calculate the OFL.		3200	mt	The stock is overfished if its current estimated spawning biomass (or spawning output) is less than 25% of the unfished level, or if the current biomass is less than 50% of the biomass that would produce the maximum sustainable yield (MSY), if known.			
Pacific hake - Pacific Coast	Overfishing occurs when the catch exceeds the fishing mortality rate needed to produce the maximum sustainable yield (FMSY) on a continual basis. The MFMT is the value(s) of fishing mortality in the MSY control rule (varies by species), which is used to calculate the OFL.		NA		The stock is overfished if its current estimated spawning biomass (or spawning output) is less than 25% of the unfished level, or if the current biomass is less than 50% of the biomass that would produce the maximum sustainable yield (MSY), if known.	0.945		millions mt
Pacific ocean perch - Pacific Coast	Overfishing occurs when the catch exceeds the fishing mortality rate needed to produce the maximum sustainable yield (FMSY) on a continual basis. The MFMT is the value(s) of fishing mortality in the MSY control rule (varies by species), which is used to calculate the OFL.		842	mt	The stock is overfished if its current estimated spawning biomass (or spawning output) is less than 25% of the unfished level, or if the current biomass is less than 50% of the biomass that would produce the maximum sustainable yield (MSY), if known.	2755.668	1722.293	millions of eggs

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F _{MSY} or F _{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B _{MSY} or B _{MSY} Proxy	Estimate of Overfished	Bunit
Pacific sanddab - Pacific Coast	Undefined				The stock is overfished if the current estimated spawning biomass (or spawning output) is less than 12.5% of the unfished level.	NA	NA	NA
Petrale sole - Pacific Coast	Overfishing occurs when the catch exceeds the fishing mortality rate needed to produce the maximum sustainable yield (FMSY) on a continual basis. The MFMT is the value(s) of fishing mortality in the MSY control rule (varies by species), which is used to calculate the OFL.		2946	mt	The stock is overfished if the current estimated spawning biomass (or spawning output) is less than 12.5% of the unfished level.	8369	4185	mt (female biomass only)
Rex sole - Pacific Coast	Undefined				The stock is overfished if the current estimated spawning biomass (or spawning output) is less than 12.5% of the unfished level.	NA	NA	NA
Sablefish - Pacific Coast	Overfishing occurs when the catch exceeds the fishing mortality rate needed to produce the maximum sustainable yield (FMSY) on a continual basis. The MFMT is the value(s) of fishing mortality in the MSY control rule (varies by species), which is used to calculate the OFL.		7857	mt	The stock is overfished if its current estimated spawning biomass (or spawning output) is less than 25% of the unfished level, or if the current biomass is less than 50% of the biomass that would produce the maximum sustainable yield (MSY), if known.	60249	37656	mt (female biomass only)

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F _{MSY} or F _{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B _{MSY} or B _{MSY} Proxy	Estimate of Overfished	Bunit
Sharpchin rockfish - Pacific Coast	Undefined				The stock is overfished if its current estimated spawning biomass (or spawning output) is less than 25% of the unfished level, or if the current biomass is less than 50% of the biomass that would produce the maximum sustainable yield (MSY), if known.	NA	NA	NA
Shortbelly rockfish - Pacific Coast	Overfishing occurs when the catch exceeds the fishing mortality rate needed to produce the maximum sustainable yield (FMSY) on a continual basis. The MFMT is the value(s) of fishing mortality in the MSY control rule (varies by species), which is used to calculate the OFL.		6950	mt	The stock is overfished if its current estimated spawning biomass (or spawning output) is less than 25% of the unfished level, or if the current biomass is less than 50% of the biomass that would produce the maximum sustainable yield (MSY), if known.	19800	12375	mt (female biomass only)
Shortspine thornyhead - Pacific Coast	Overfishing occurs when the catch exceeds the fishing mortality rate needed to produce the maximum sustainable yield (FMSY) on a continual basis. The MFMT is the value(s) of fishing mortality in the MSY control rule (varies by species), which is used to calculate the OFL.		3203	mt	The stock is overfished if its current estimated spawning biomass (or spawning output) is less than 25% of the unfished level, or if the current biomass is less than 50% of the biomass that would produce the maximum sustainable yield (MSY), if known.	75906	47441.25	mt (mature female biomass)

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F _{MSY} or F _{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B _{MSY} or B _{MSY} Proxy	Estimate of Overfished	Bunit
Southern Pacific Coast Minor Nearshore Rockfish Complex	Overfishing occurs when the catch exceeds the fishing mortality rate needed to produce the maximum sustainable yield (FMSY) on a continual basis. The MFMT is the value(s) of fishing mortality in the MSY control rule (varies by species), which is used to calculate the OFL.		1313	mt	Undefined			
Southern Pacific Coast Minor Shelf Rockfish Complex	Overfishing occurs when the catch exceeds the fishing mortality rate needed to produce the maximum sustainable yield (FMSY) on a continual basis. The MFMT is the value(s) of fishing mortality in the MSY control rule (varies by species), which is used to calculate the OFL.		1918	mt	Undefined			
Southern Pacific Coast Minor Slope Rockfish Complex	Overfishing occurs when the catch exceeds the fishing mortality rate needed to produce the maximum sustainable yield (FMSY) on a continual basis. The MFMT is the value(s) of fishing mortality in the MSY control rule (varies by species), which is used to calculate the OFL.		813	mt	Undefined			
Spiny dogfish - Pacific Coast	Overfishing occurs when the catch exceeds the fishing mortality rate needed to produce the maximum sustainable yield (FMSY) on a continual basis. The MFMT is the value(s) of fishing mortality in the MSY control rule (varies by species), which is used to calculate the OFL.		2,503	mt	The stock is overfished if its current estimated spawning biomass (or spawning output) is less than 25% of the unfished level, or if the current biomass is less than 50% of the biomass that would produce the maximum sustainable yield (MSY), if known.	28,289,600	17,681,000	fish

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F _{MSY} or F _{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B _{MSY} or B _{MSY} Proxy	Estimate of Overfished	Bunit
Splitnose rockfish - Pacific Coast	Overfishing occurs when the catch exceeds the fishing mortality rate needed to produce the maximum sustainable yield (FMSY) on a continual basis. The MFMT is the value(s) of fishing mortality in the MSY control rule (varies by species), which is used to calculate the OFL.		1794	mt	The stock is overfished if its current estimated spawning biomass (or spawning output) is less than 25% of the unfished level, or if the current biomass is less than 50% of the biomass that would produce the maximum sustainable yield (MSY), if known.	5141	3213	million eggs
Starry flounder - Southern Pacific Coast	Overfishing occurs when the catch exceeds the fishing mortality rate needed to produce the maximum sustainable yield (FMSY) on a continual basis. The MFMT is the value(s) of fishing mortality in the MSY control rule (varies by species), which is used to calculate the OFL.		1,847	mt		2,864	1,790	mt
Stripetail rockfish - Pacific Coast	Undefined				The stock is overfished if its current estimated spawning biomass (or spawning output) is less than 25% of the unfished level, or if the current biomass is less than 50% of the biomass that would produce the maximum sustainable yield (MSY), if known.	NA	NA	NA

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F _{MSY} or F _{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B _{MSY} or B _{MSY} Proxy	Estimate of Overfished	Bunit
Widow rockfish - Pacific Coast	Overfishing occurs when the catch exceeds the fishing mortality rate needed to produce the maximum sustainable yield (FMSY) on a continual basis. The MFMT is the value(s) of fishing mortality in the MSY control rule (varies by species), which is used to calculate the OFL.		4137	mt	The stock is overfished if its current estimated spawning biomass (or spawning output) is less than 25% of the unfished level, or if the current biomass is less than 50% of the biomass that would produce the maximum sustainable yield (MSY), if known.	32283	20177	mt
Yelloweye rockfish - Pacific Coast	Overfishing occurs when the catch exceeds the fishing mortality rate needed to produce the maximum sustainable yield (FMSY) on a continual basis. The MFMT is the value(s) of fishing mortality in the MSY control rule (varies by species), which is used to calculate the OFL.		52	mt	The stock is overfished if its current estimated spawning biomass (or spawning output) is less than 25% of the unfished level, or if the current biomass is less than 50% of the biomass that would produce the maximum sustainable yield (MSY), if known.	455.62	284.76	million eggs
Yellowtail rockfish - Northern Pacific Coast	Overfishing occurs when the catch exceeds the fishing mortality rate needed to produce the maximum sustainable yield (FMSY) on a continual basis. The MFMT is the value(s) of fishing mortality in the MSY control rule (varies by species), which is used to calculate the OFL.		7218	mt	The stock is overfished if its current estimated spawning biomass (or spawning output) is less than 25% of the unfished level, or if the current biomass is less than 50% of the biomass that would produce the maximum sustainable yield (MSY), if known.	6	4	trillion eggs
Pacific Coast Salmon								

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F _{MSY} or F _{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B _{MSY} or B _{MSY} Proxy	Estimate of Overfished	Bunit
Chinook salmon - California Central Valley: Sacramento River Fall	A stock will be considered subject to overfishing when the postseason estimate of Ft exceeds the MFMT, where the MFMT is generally defined as less than or equal to FMSY.	.78			A stock will be considered overfished if the 3-year geometric mean of annual spawning escapements falls below the MSST, where MSST is generally defined as 0.5SMSY or 0.75SMSY, although there are some exceptions.	122000	91500	adult spawners (hatchery + natural)
Chinook salmon - California Central Valley: Sacramento River Spring	ESA stock - undefined				ESA stock - undefined			NA
Chinook salmon - California Central Valley: Sacramento River Winter	ESA stock - undefined				ESA stock - undefined			NA
Chinook salmon - Columbia River Basin: Lower River Hatchery Fall	Hatchery stock - undefined				Hatchery stock - undefined			NA
Chinook salmon - Columbia River Basin: Lower River Hatchery Spring	Hatchery stock - undefined				Hatchery stock - undefined			
Chinook salmon - Columbia River Basin: Mid-River Bright Hatchery Fall	Hatchery stock - undefined				Hatchery stock - undefined			NA
Chinook salmon - Columbia River Basin: North Lewis River Fall	ESA stock - undefined				ESA stock - undefined			NA
Chinook salmon - Columbia River Basin: Snake River Fall	ESA stock - undefined				ESA stock - undefined			NA

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F _{MSY} or F _{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B _{MSY} or B _{MSY} Proxy	Estimate of Overfished	Bunit
Chinook salmon - Columbia River Basin: Snake River Spring/Summer	ESA stock - undefined				ESA stock - undefined			NA
Chinook salmon - Columbia River Basin: Spring Creek Hatchery Fall	Hatchery stock - undefined				Hatchery stock - undefined			
Chinook salmon - Columbia River Basin: Upper River Bright Fall	A stock will be considered subject to overfishing when the postseason estimate of Ft exceeds the MFMT, where the MFMT is generally defined as less than or equal to FMSY.	.86			A stock will be considered overfished if the 3-year geometric mean of annual spawning escapements falls below the MSST, where MSST is generally defined as 0.5SMSY or 0.75SMSY, although there are some exceptions.	39625	19182	Adult escapement above McNary Dam
Chinook salmon - Columbia River Basin: Upper River Spring	ESA stock - undefined				ESA stock - undefined			NA
Chinook salmon - Columbia River Basin: Upper River Summer	A stock will be considered subject to overfishing when the postseason estimate of Ft exceeds the MFMT, where the MFMT is generally defined as less than or equal to FMSY.	.75			A stock will be considered overfished if the 3-year geometric mean of annual spawning escapements falls below the MSST, where MSST is generally defined as 0.5SMSY or 0.75SMSY, although there are some exceptions.	12143	6072	adult spawners above Bonneville Dam
Chinook salmon - Columbia River Basin: Upper Willamette Spring	ESA stock - undefined				ESA stock - undefined			

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F _{MSY} or F _{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B _{MSY} or B _{MSY} Proxy	Estimate of Overfished	Bunit
Chinook salmon - Northern California Coast: California Coastal	ESA stock - undefined				ESA stock - undefined			NA
Chinook salmon - Northern California Coast: Klamath River Fall	A stock will be considered subject to overfishing when the postseason estimate of Ft exceeds the MFMT, where the MFMT is generally defined as less than or equal to FMSY.	.71			A stock will be considered overfished if the 3-year geometric mean of annual spawning escapements falls below the MSST, where MSST is generally defined as 0.5SMSY or 0.75SMSY, although there are some exceptions.	40700	30525	natural spawning adults
Chinook salmon - Northern California Coast: Klamath River Spring	A stock will be considered subject to overfishing when the postseason estimate of Ft exceeds the MFMT, where the MFMT is generally defined as less than or equal to FMSY.				A stock will be considered overfished if the 3-year geometric mean of annual spawning escapements falls below the MSST, where MSST is generally defined as 0.5SMSY or 0.75SMSY, although there are some exceptions.			adult spawners (hatchery + natural)
Chinook salmon - Oregon Coast: Central and Northern Oregon	A stock will be considered subject to overfishing when the postseason estimate of Ft exceeds the MFMT, where the MFMT is generally defined as less than or equal to FMSY.	.78			A stock will be considered overfished if the 3-year geometric mean of annual spawning escapements falls below the MSST, where MSST is generally defined as 0.5SMSY or 0.75SMSY, although there are some exceptions.	60	30	spawners per mile in index streams

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F _{MSY} or F _{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B _{MSY} or B _{MSY} Proxy	Estimate of Overfished	Bunit
Chinook salmon - Oregon Coast: Southern Oregon	A stock will be considered subject to overfishing when the postseason estimate of Ft exceeds the MFMT, where the MFMT is generally defined as less than or equal to FMSY.	.54			A stock will be considered overfished if the 3-year geometric mean of annual spawning escapements falls below the MSST, where MSST is generally defined as 0.5SMSY or 0.75SMSY, although there are some exceptions.	34992	20500	escapement at Huntley Park
Chinook salmon - Puget Sound: Cedar River Summer/Fall	ESA stock - undefined				ESA stock - undefined			NA
Chinook salmon - Puget Sound: Eastern Strait of Juan de Fuca Summer/Fall	ESA stock - undefined				ESA stock - undefined			NA
Chinook salmon - Puget Sound: Green River Summer/Fall	ESA stock - undefined				ESA stock - undefined			NA
Chinook salmon - Puget Sound: Mid Hood Canal Summer/Fall	ESA stock - undefined				ESA stock - undefined			NA
Chinook salmon - Puget Sound: Nisqually River Summer/Fall	ESA stock - undefined				ESA stock - undefined			NA
Chinook salmon - Puget Sound: Nooksack Spring Early	ESA stock - undefined				ESA stock - undefined			NA
Chinook salmon - Puget Sound: Puyallup Summer/Fall	ESA stock - undefined				ESA stock - undefined			NA
Chinook salmon - Puget Sound: Skagit Spring	ESA stock - undefined				ESA stock - undefined			NA

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F _{MSY} or F _{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B _{MSY} or B _{MSY} Proxy	Estimate of Overfished	Bunit
Chinook salmon - Puget Sound: Skagit Summer/Fall	ESA stock - undefined				ESA stock - undefined			NA
Chinook salmon - Puget Sound: Skokomish Summer/Fall	ESA stock - undefined				ESA stock - undefined			
Chinook salmon - Puget Sound: Snohomish Summer/Fall	ESA stock - undefined				ESA stock - undefined			NA
Chinook salmon - Puget Sound: Stillaguamish Summer/Fall	ESA stock - undefined				ESA stock - undefined			NA
Chinook salmon - Puget Sound: White River Spring	ESA stock - undefined				ESA stock - undefined			NA
Chinook salmon - Washington Coast: Grays Harbor Fall	A stock will be considered subject to overfishing when the postseason estimate of Ft exceeds the MFMT, where the MFMT is generally defined as less than or equal to FMSY.	.78			A stock will be considered overfished if the 3-year geometric mean of annual spawning escapements falls below the MSST, where MSST is generally defined as 0.5SMSY or 0.75SMSY, although there are some exceptions.	11388	5694	escapement
Chinook salmon - Washington Coast: Grays Harbor Spring	A stock will be considered subject to overfishing when the postseason estimate of Ft exceeds the MFMT, where the MFMT is generally defined as less than or equal to FMSY.	.78			A stock will be considered overfished if the 3-year geometric mean of annual spawning escapements falls below the MSST, where MSST is generally defined as 0.5SMSY or 0.75SMSY, although there are some exceptions.	1092	546	escapement

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F_{MSY} or F_{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B_{MSY} or B_{MSY} Proxy	Estimate of Overfished	Bunit
Chinook salmon - Washington Coast: Hoh Fall	A stock will be considered subject to overfishing when the postseason estimate of Ft exceeds the MFMT, where the MFMT is generally defined as less than or equal to FMSY.	.9			A stock will be considered overfished if the 3-year geometric mean of annual spawning escapements falls below the MSST, where MSST is generally defined as 0.5SMSY or 0.75SMSY, although there are some exceptions.	1200	600	escapement
Chinook salmon - Washington Coast: Hoh Spring/Summer	A stock will be considered subject to overfishing when the postseason estimate of Ft exceeds the MFMT, where the MFMT is generally defined as less than or equal to FMSY.	.78			A stock will be considered overfished if the 3-year geometric mean of annual spawning escapements falls below the MSST, where MSST is generally defined as 0.5SMSY or 0.75SMSY, although there are some exceptions.	900	450	Escapement
Chinook salmon - Washington Coast: Hoko Summer/Fall	A stock will be considered subject to overfishing when the postseason estimate of Ft exceeds the MFMT, where the MFMT is generally defined as less than or equal to FMSY.	.78			A stock will be considered overfished if the 3-year geometric mean of annual spawning escapements falls below the MSST, where MSST is generally defined as 0.5SMSY or 0.75SMSY, although there are some exceptions.	850	425	Escapement

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F_{MSY} or F_{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B_{MSY} or B_{MSY} Proxy	Estimate of Overfished	Bunit
Chinook salmon - Washington Coast: Queets Fall	A stock will be considered subject to overfishing when the postseason estimate of Ft exceeds the MFMT, where the MFMT is generally defined as less than or equal to FMSY.	.87			A stock will be considered overfished if the 3-year geometric mean of annual spawning escapements falls below the MSST, where MSST is generally defined as 0.5SMSY or 0.75SMSY, although there are some exceptions.	2500	1250	spawning escapement
Chinook salmon - Washington Coast: Queets Spring/Summer	A stock will be considered subject to overfishing when the postseason estimate of Ft exceeds the MFMT, where the MFMT is generally defined as less than or equal to FMSY.	.78			A stock will be considered overfished if the 3-year geometric mean of annual spawning escapements falls below the MSST, where MSST is generally defined as 0.5SMSY or 0.75SMSY, although there are some exceptions.	700	350	escapement
Chinook salmon - Washington Coast: Quillayute Fall	A stock will be considered subject to overfishing when the postseason estimate of Ft exceeds the MFMT, where the MFMT is generally defined as less than or equal to FMSY.	.87			A stock will be considered overfished if the 3-year geometric mean of annual spawning escapements falls below the MSST, where MSST is generally defined as 0.5SMSY or 0.75SMSY, although there are some exceptions.	3000	1500	Escapement

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F _{MSY} or F _{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B _{MSY} or B _{MSY} Proxy	Estimate of Overfished	Bunit
Chinook salmon - Washington Coast: Quillayute Spring/Summer	A stock will be considered subject to overfishing when the postseason estimate of Ft exceeds the MFMT, where the MFMT is generally defined as less than or equal to FMSY.	.78			A stock will be considered overfished if the 3-year geometric mean of annual spawning escapements falls below the MSST, where MSST is generally defined as 0.5SMSY or 0.75SMSY, although there are some exceptions.	1200	600	Escapement
Chinook salmon - Washington Coast: Quinault Fall Hatchery	Hatchery stock - undefined				Hatchery stock - undefined			NA
Chinook salmon - Washington Coast: Willapa Bay Fall Hatchery								
Chinook salmon - Washington Coast: Willapa Bay Fall Natural	A stock will be considered subject to overfishing when the postseason estimate of Ft exceeds the MFMT, where the MFMT is generally defined as less than or equal to FMSY.	.78			A stock will be considered overfished if the 3-year geometric mean of annual spawning escapements falls below the MSST, where MSST is generally defined as 0.5SMSY or 0.75SMSY, although there are some exceptions.	3393	1696	spawning escapement
Coho salmon - Oregon Production Index Area: Central California Coast	ESA stock - undefined				ESA stock - undefined			
Coho salmon - Oregon Production Index Area: Columbia River Early Hatchery	Hatchery stock - undefined				Hatchery stock - undefined			NA

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F _{MSY} or F _{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B _{MSY} or B _{MSY} Proxy	Estimate of Overfished	Bunit
Coho salmon - Oregon Production Index Area: Columbia River Late Hatchery	Hatchery stock - undefined				Hatchery stock - undefined			NA
Coho salmon - Oregon Production Index Area: Lower Columbia Natural	ESA stock - undefined				ESA stock - undefined			NA
Coho salmon - Oregon Production Index Area: Oregon Coast Hatchery								NA
Coho salmon - Oregon Production Index Area: Oregon Coast Natural	ESA stock - undefined				ESA stock - undefined			NA
Coho salmon - Oregon Production Index Area: Southern Oregon/Northern California Coast	ESA stock - undefined				ESA stock - undefined			NA
Coho salmon - Puget Sound: Hood Canal	A stock will be considered subject to overfishing when the postseason estimate of Ft exceeds the MFMT, where the MFMT is generally defined as less than or equal to FMSY.	.65			A stock will be considered overfished if the 3-year geometric mean of annual spawning escapements falls below the MSST, where MSST is generally defined as 0.5SMSY or 0.75SMSY, although there are some exceptions.	14350	10750	spawners (natural only)

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F_{MSY} or F_{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B_{MSY} or B_{MSY} Proxy	Estimate of Overfished	Bunit
Coho salmon - Puget Sound: Skagit	A stock will be considered subject to overfishing when the postseason estimate of F_t exceeds the MFMT, where the MFMT is generally defined as less than or equal to F_{MSY} .	.6			A stock will be considered overfished if the 3-year geometric mean of annual spawning escapements falls below the MSST, where MSST is generally defined as $0.5S_{MSY}$ or $0.75S_{MSY}$, although there are some exceptions.	25000	14875	spawners (natural only)
Coho salmon - Puget Sound: Snohomish	A stock will be considered subject to overfishing when the postseason estimate of F_t exceeds the MFMT, where the MFMT is generally defined as less than or equal to F_{MSY} .	.6			A stock will be considered overfished if the 3-year geometric mean of annual spawning escapements falls below the MSST, where MSST is generally defined as $0.5S_{MSY}$ or $0.75S_{MSY}$, although there are some exceptions.	50000	31000	spawners (natural only)
Coho salmon - Puget Sound: South Puget Sound Hatchery	Hatchery stock - undefined				Hatchery stock - undefined			
Coho salmon - Puget Sound: Stillaguamish	A stock will be considered subject to overfishing when the postseason estimate of F_t exceeds the MFMT, where the MFMT is generally defined as less than or equal to F_{MSY} .	.5			A stock will be considered overfished if the 3-year geometric mean of annual spawning escapements falls below the MSST, where MSST is generally defined as $0.5S_{MSY}$ or $0.75S_{MSY}$, although there are some exceptions.	10000	6100	spawners (natural only)

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F_{MSY} or F_{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B_{MSY} or B_{MSY} Proxy	Estimate of Overfished	Bunit
Coho salmon - Washington Coast: Grays Harbor	A stock will be considered subject to overfishing when the postseason estimate of Ft exceeds the MFMT, where the MFMT is generally defined as less than or equal to FMSY.	.65			A stock will be considered overfished if the 3-year geometric mean of annual spawning escapements falls below the MSST, where MSST is generally defined as 0.5SMSY or 0.75SMSY, although there are some exceptions.	24426	18320	spawners (natural only)
Coho salmon - Washington Coast: Hoh	A stock will be considered subject to overfishing when the postseason estimate of Ft exceeds the MFMT, where the MFMT is generally defined as less than or equal to FMSY.	.65			A stock will be considered overfished if the 3-year geometric mean of annual spawning escapements falls below the MSST, where MSST is generally defined as 0.5SMSY or 0.75SMSY, although there are some exceptions.	2520	1890	Adults
Coho salmon - Washington Coast: Queets	A stock will be considered subject to overfishing when the postseason estimate of Ft exceeds the MFMT, where the MFMT is generally defined as less than or equal to FMSY.	.65			A stock will be considered overfished if the 3-year geometric mean of annual spawning escapements falls below the MSST, where MSST is generally defined as 0.5SMSY or 0.75SMSY, although there are some exceptions.	5800	4350	spawners (natural only)

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F _{MSY} or F _{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B _{MSY} or B _{MSY} Proxy	Estimate of Overfished	Bunit
Coho salmon - Washington Coast: Quillayute Fall	A stock will be considered subject to overfishing when the postseason estimate of Ft exceeds the MFMT, where the MFMT is generally defined as less than or equal to FMSY.	.59			A stock will be considered overfished if the 3-year geometric mean of annual spawning escapements falls below the MSST, where MSST is generally defined as 0.5SMSY or 0.75SMSY, although there are some exceptions.	6300	4725	spawners (natural only)
Coho salmon - Washington Coast: Quillayute Summer Hatchery	Hatchery stock - undefined				Hatchery stock - undefined			NA
Coho salmon - Washington Coast: Quinault Hatchery	Hatchery stock - undefined				Hatchery stock - undefined			NA
Coho salmon - Washington Coast: Strait of Juan de Fuca	A stock will be considered subject to overfishing when the postseason estimate of Ft exceeds the MFMT, where the MFMT is generally defined as less than or equal to FMSY.	.6			A stock will be considered overfished if the 3-year geometric mean of annual spawning escapements falls below the MSST, where MSST is generally defined as 0.5SMSY or 0.75SMSY, although there are some exceptions.	11000	7000	Escapement
Coho salmon - Washington Coast: Willapa Bay Hatchery	Hatchery stock - undefined				Hatchery stock - undefined			NA

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F _{MSY} or F _{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B _{MSY} or B _{MSY} Proxy	Estimate of Overfished	Bunit
Coho salmon - Washington Coast: Willapa Bay Natural	A stock will be considered subject to overfishing when the postseason estimate of Ft exceeds the MFMT, where the MFMT is generally defined as less than or equal to FMSY.	.74			A stock will be considered overfished if the 3-year geometric mean of annual spawning escapements falls below the MSST, where MSST is generally defined as 0.5SMSY or 0.75SMSY, although there are some exceptions.	17200	8600	Individuals
Pink salmon - Puget Sound	Undefined				Undefined	900000	450000	NA
Pacific Fishery Management Council/Western Pacific Fishery Management Council								
U.S. West Coast Fisheries for Highly Migratory Species / Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem								
Albacore - North Pacific	Overfishing occurs when F is greater than FMSY B / c BMSY if the stock biomass (B) is less than or equal to c BMSY, or when F is greater than FMSY if the stock biomass (B) is greater than c BMSY, where c is equal to the greater of 1 minus the natural mortality rate (M) and 0.5.	.84			A stock is overfished when stock biomass (B) is less than c BMSY, where c is equal to the greater of 1 minus the natural mortality rate (M) and 0.5.	32638	16972	mt
Bigeye tuna - Eastern Pacific	Overfishing occurs when F is greater than FMSY B / c BMSY if the stock biomass (B) is less than or equal to c BMSY, or when F is greater than FMSY if the stock biomass (B) is greater than c BMSY, where c is equal to the greater of 1 minus the natural mortality rate (M) and 0.5.				A stock is overfished when stock biomass (B) is less than c BMSY, where c is equal to the greater of 1 minus the natural mortality rate (M) and 0.5.	96360	48130	mt
Bigeye tuna - Western and Central Pacific	Overfishing occurs when F is greater than FMSY B / c BMSY if the stock biomass (B) is less than or equal to c BMSY, or when F is greater than FMSY if the stock biomass (B) is greater than c BMSY, where c is equal to the greater of 1 minus the natural mortality rate (M) and 0.5.				A stock is overfished when stock biomass (B) is less than c BMSY, where c is equal to the greater of 1 minus the natural mortality rate (M) and 0.5.			NA

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F_{MSY} or F_{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B_{MSY} or B_{MSY} Proxy	Estimate of Overfished	Bunit
Blue shark - North Pacific	Overfishing occurs when F is greater than $F_{MSY} B / c B_{MSY}$ if the stock biomass (B) is less than or equal to $c B_{MSY}$, or when F is greater than F_{MSY} if the stock biomass (B) is greater than $c B_{MSY}$, where c is equal to the greater of 1 minus the natural mortality rate (M) and 0.5.	.35			A stock is overfished when stock biomass (B) is less than $c B_{MSY}$, where c is equal to the greater of 1 minus the natural mortality rate (M) and 0.5.	179539		mt
Pacific bluefin tuna - Pacific	Overfishing occurs when F is greater than $F_{MSY} B / c B_{MSY}$ if the stock biomass (B) is less than or equal to $c B_{MSY}$, or when F is greater than F_{MSY} if the stock biomass (B) is greater than $c B_{MSY}$, where c is equal to the greater of 1 minus the natural mortality rate (M) and 0.5.	.81			A stock is overfished when stock biomass (B) is less than $c B_{MSY}$, where c is equal to the greater of 1 minus the natural mortality rate (M) and 0.5.	119423	89567	mt
Skipjack tuna - Eastern Pacific	Overfishing occurs when F is greater than $F_{MSY} B / c B_{MSY}$ if the stock biomass (B) is less than or equal to $c B_{MSY}$, or when F is greater than F_{MSY} if the stock biomass (B) is greater than $c B_{MSY}$, where c is equal to the greater of 1 minus the natural mortality rate (M) and 0.5.					NA	NA	NA
Skipjack tuna - Western and Central Pacific	Overfishing occurs when F is greater than $F_{MSY} B / c B_{MSY}$ if the stock biomass (B) is less than or equal to $c B_{MSY}$, or when F is greater than F_{MSY} if the stock biomass (B) is greater than $c B_{MSY}$, where c is equal to the greater of 1 minus the natural mortality rate (M) and 0.5.				A stock is overfished when stock biomass (B) is less than $c B_{MSY}$, where c is equal to the greater of 1 minus the natural mortality rate (M) and 0.5.	NA	NA	NA

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F_{MSY} or F_{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B_{MSY} or B_{MSY} Proxy	Estimate of Overfished	Bunit
Striped marlin - Eastern Pacific	Overfishing occurs when F is greater than $F_{MSY} B / c B_{MSY}$ if the stock biomass (B) is less than or equal to $c B_{MSY}$, or when F is greater than F_{MSY} if the stock biomass (B) is greater than $c B_{MSY}$, where c is equal to the greater of 1 minus the natural mortality rate (M) and 0.5.				A stock is overfished when stock biomass (B) is less than $c B_{MSY}$, where c is equal to the greater of 1 minus the natural mortality rate (M) and 0.5.	1246		mt
Striped marlin - Western and Central North Pacific	Overfishing occurs when F is greater than $F_{MSY} B / c B_{MSY}$ if the stock biomass (B) is less than or equal to $c B_{MSY}$, or when F is greater than F_{MSY} if the stock biomass (B) is greater than $c B_{MSY}$, where c is equal to the greater of 1 minus the natural mortality rate (M) and 0.5.	.63			A stock is overfished when stock biomass (B) is less than $c B_{MSY}$, where c is equal to the greater of 1 minus the natural mortality rate (M) and 0.5.	2819	2819	metric ton (female mature biomass) □
Swordfish - Eastern Pacific	Overfishing occurs when F is greater than $F_{MSY} B / c B_{MSY}$ if the stock biomass (B) is less than or equal to $c B_{MSY}$, or when F is greater than F_{MSY} if the stock biomass (B) is greater than $c B_{MSY}$, where c is equal to the greater of 1 minus the natural mortality rate (M) and 0.5.	18			A stock is overfished when stock biomass (B) is less than $c B_{MSY}$, where c is equal to the greater of 1 minus the natural mortality rate (M) and 0.5.	31170		mt
Swordfish - Western and Central North Pacific	Overfishing occurs when F is greater than $F_{MSY} B / c B_{MSY}$ if the stock biomass (B) is less than or equal to $c B_{MSY}$, or when F is greater than F_{MSY} if the stock biomass (B) is greater than $c B_{MSY}$, where c is equal to the greater of 1 minus the natural mortality rate (M) and 0.5.	.25			A stock is overfished when stock biomass (B) is less than $c B_{MSY}$, where c is equal to the greater of 1 minus the natural mortality rate (M) and 0.5.	60720		mt

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F _{MSY} or F _{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B _{MSY} or B _{MSY} Proxy	Estimate of Overfished	Bunit
Yellowfin tuna - Eastern Pacific	Overfishing occurs when F is greater than FMSY B / c BMSY if the stock biomass (B) is less than or equal to c BMSY, or when F is greater than FMSY if the stock biomass (B) is greater than c BMSY, where c is equal to the greater of 1 minus the natural mortality rate (M) and 0.5.				A stock is overfished when stock biomass (B) is less than c BMSY, where c is equal to the greater of 1 minus the natural mortality rate (M) and 0.5.	3624	1812	mt
Yellowfin tuna - Western and Central Pacific	Overfishing occurs when F is greater than FMSY B / c BMSY if the stock biomass (B) is less than or equal to c BMSY, or when F is greater than FMSY if the stock biomass (B) is greater than c BMSY, where c is equal to the greater of 1 minus the natural mortality rate (M) and 0.5.				A stock is overfished when stock biomass (B) is less than c BMSY, where c is equal to the greater of 1 minus the natural mortality rate (M) and 0.5.	NA	NA	NA
South Atlantic Fishery Management Council								
Shrimp Fishery of the South Atlantic Region								
Brown rock shrimp - Southern Atlantic Coast	Overfishing (MFMT) is a fishing mortality rate that diminishes the stock below the designated MSY stock abundance (BMSY) for two consecutive years.	14687775			A stock is overfished if it falls below the MSST. MSST is established with two thresholds: (1) if the stock diminishes to ½ MSY abundance (½ BMSY) in one year, or (b) if the stock is diminished below MSY abundance (BMSY) for two consecutive years.			adult spawners (hatchery + natural)

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F _{MSY} or F _{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B _{MSY} or B _{MSY} Proxy	Estimate of Overfished	Bunit
Brown shrimp - Southern Atlantic Coast	Overfishing (MFMT) is a fishing mortality rate that diminishes the stock below the designated MSY stock abundance (BMSY) for two consecutive years.	9200000			A stock is overfished if it falls below the MSST. MSST is established with two thresholds: (1) if the stock diminishes to ½ MSY abundance (½ BMSY) in one year, or (b) if the stock is diminished below MSY abundance (BMSY) for two consecutive years.	2	NA	individuals per hectare
Pink shrimp - Southern Atlantic Coast	Overfishing (MFMT) is a fishing mortality rate that diminishes the stock below the designated MSY stock abundance (BMSY) for two consecutive years.	1800000			A stock is overfished if it falls below the MSST. MSST is established with two thresholds: (1) if the stock diminishes to ½ MSY abundance (½ BMSY) in one year, or (b) if the stock is diminished below MSY abundance (BMSY) for two consecutive years.	.089	NA	individuals per hectare
White shrimp - Southern Atlantic Coast	Overfishing (MFMT) is a fishing mortality rate that diminishes the stock below the designated MSY stock abundance (BMSY) for two consecutive years.	14500000			A stock is overfished if it falls below the MSST. MSST is established with two thresholds: (1) if the stock diminishes to ½ MSY abundance (½ BMSY) in one year, or (b) if the stock is diminished below MSY abundance (BMSY) for two consecutive years.	5.868	NA	individuals per hectare
Snapper-Grouper Fishery of the South Atlantic Region								

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F _{MSY} or F _{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B _{MSY} or B _{MSY} Proxy	Estimate of Overfished	Bunit
Black sea bass - Southern Atlantic Coast	Overfishing occurs if: a) the fishing mortality rate exceeds the Fmsy or Fmsy proxy only in the year the stock is assessed; and b) catch exceeds the OFL in all other years when the stock is not assessed. Fmsy or Fmsy proxy are determined from the latest stock assessment.	.61			A stock is overfished if the stock is less than the MSST, where MSST = max(0.5, 1-M)BMSY.	256	159	1E10 eggs
Blueline tilefish - Southern Atlantic Coast	Overfishing occurs if: a) the fishing mortality rate exceeds the Fmsy or Fmsy proxy only in the year the stock is assessed; and b) catch exceeds the OFL in all other years when the stock is not assessed. Fmsy or Fmsy proxy are determined from the latest stock assessment.		226,500	mt	A stock is overfished if the stock size less than MSST. MSST = SSBMSY(0.75).	246.6	221.96	mt
Gag - Southern Atlantic Coast	Overfishing is defined as an F that exceeds MFMT = FMSY.	.286			A stock is overfished if the stock size less than MSST. MSST = SSBMSY(0.75).	1831.7	1575.3	mt
Gray triggerfish - Southern Atlantic Coast	If either the MFMT (during an assessment year) or the OFL method (during a non-assessment year) is exceeded, the stock will be considered to be undergoing overfishing.	NA			A stock is overfished if the stock is less than the MSST, where MSST = max(0.5, 1-M)BMSY.			NA
Greater amberjack - Southern Atlantic Coast	If either the MFMT (during an assessment year) or the OFL method (during a non-assessment year) is exceeded, the stock will be considered to be undergoing overfishing.	.424			A stock is overfished if the stock size less than MSST. MSST = SSBMSY(0.75).	1940	1455	mt
Hogfish - Southeast Florida	If either the MFMT (during an assessment year) or the OFL method (during a non-assessment year) is exceeded, the stock will be considered to be undergoing overfishing.	.138			A stock is overfished if the stock size less than MSST. MSST = SSBMSY(0.75).	1043.44	857	Millions of Pounds

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F _{MSY} or F _{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B _{MSY} or B _{MSY} Proxy	Estimate of Overfished	Bunit
Nassau grouper - Southern Atlantic Coast / Gulf of Mexico	Overfishing is defined as an F that exceeds MFMT = FMSY.	NA			A stock is overfished if the stock is less than the MSST, where MSST = max(0.5,1-M)BMSY.			
Red grouper - Southern Atlantic Coast	Overfishing occurs if: a) the fishing mortality rate exceeds the Fmsy or Fmsy proxy only in the year the stock is assessed; and b) catch exceeds the OFL in all other years when the stock is not assessed. Fmsy or Fmsy proxy are determined from the latest stock assessment.	.12			A stock is overfished if the stock size less than MSST. MSST = SSBMSY(0.75).	3183	2387	mt
Red porgy - Southern Atlantic Coast	If either the MFMT (during an assessment year) or the OFL method (during a non-assessment year) is exceeded, the stock will be considered to be undergoing overfishing.	.173			A stock is overfished if the stock size less than MSST. MSST = SSBMSY(0.75).	3933	3048	mt
Red snapper - Southern Atlantic Coast	Overfishing is defined as an F that exceeds MFMT = FMSY.	.146			A stock is overfished if the stock size less than MSST. MSST = SSBMSY(0.75).	328552	246414	Eggs 1E8
Scamp - Southern Atlantic Coast	Overfishing is defined as an F that exceeds MFMT = FMSY.	NA			A stock is overfished if the stock is less than the MSST, where MSST = max(0.5,1-M)BMSY.			NA
Snowy grouper - Southern Atlantic Coast	Overfishing is defined as an F that exceeds MFMT = FMSY.	.144			A stock is overfished if the stock is less than the MSST, where MSST = max(0.5,1-M)BMSY.	872.318	654.238	mt
Speckled hind - Southern Atlantic Coast	Overfishing is defined as an F that exceeds MFMT = FMSY.	0.14			A stock is overfished if the stock is less than the MSST, where MSST = max(0.5,1-M)BMSY.			NA

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F_{MSY} or F_{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B_{MSY} or B_{MSY} Proxy	Estimate of Overfished	Bunit
Tilefish - Southern Atlantic Coast	If either the MFMT (during an assessment year) or the OFL method (during a non-assessment year) is exceeded, the stock will be considered to be undergoing overfishing.	.236			A stock is overfished if the stock is less than the MSST, where $MSST = 0.75SSBMSY$.	21.929	16.447	Gonad weight - mt
Vermilion snapper - Southern Atlantic Coast	If either the MFMT (during an assessment year) or the OFL method (during a non-assessment year) is exceeded, the stock will be considered to be undergoing overfishing.	.75			A stock is overfished if the stock size less than MSST. $MSST = SSBMSY(0.75)$.	5.98	4.66	1E12 Eggs
Warsaw grouper - Southern Atlantic Coast	Overfishing is defined as an F that exceeds MFMT = FMSY.	NA			A stock is overfished if the stock is less than the MSST, where $MSST = \max(0.5, 1-M)BMSY$.			NA
Wreckfish - Southern Atlantic Coast	Overfishing is defined as an F that exceeds MFMT = FMSY.	.065			A stock is overfished if the stock is less than the MSST, where $MSST = \max(0.5, 1-M)BMSY$.	1809	1743	tons
South Atlantic Fishery Management Council/Gulf of Mexico Fishery Management Council								
Coastal Migratory Pelagic Resources of the Gulf of Mexico and South Atlantic								
Cobia - Gulf of Mexico	Overfishing is defined as an F that exceeds MFMT = FMSY where $FMSY = F30\%SPR$.	.378			A stock is overfished when the stock size is less than the minimum stock size threshold, where $MSST = (1-M)BMSY$.	2065	1280	Metric tons□
Cobia - Southern Atlantic Coast	Overfishing is defined as an F that exceeds MFMT = FMSY where $FMSY = F30\%SPR$.	.461			A stock is overfished when the stock size is less than the minimum stock size threshold, where $MSST = (1-M)BMSY$.	536.8	397.2	mt

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F_{MSY} or F_{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B_{MSY} or B_{MSY} Proxy	Estimate of Overfished	Bunit
King mackerel - Gulf of Mexico	Overfishing is defined as an F that exceeds MFMT = FMSY where FMSY = F30%SPR.	.16			A stock is overfished when the stock size is less than the minimum stock size threshold, where MSST = (1-M)BMSY.	1.138	1.808	Metric Tons□
King mackerel - Southern Atlantic Coast	Overfishing is defined as an F that exceeds MFMT = FMSY where FMSY = F30%SPR.	.157			A stock is overfished when the stock size is less than the minimum stock size threshold, where MSST = (1-M)BMSY.	2578	2578	Millions of eggs
Spanish mackerel - Gulf of Mexico	Overfishing is defined as an F that exceeds MFMT = FMSY where FMSY = F30%SPR.	.36			A stock is overfished when the stock size is less than the minimum stock size threshold, where MSST = (1-M)BMSY.	10339	6410	mt ww
Spanish mackerel - Southern Atlantic Coast	Overfishing is defined as an F that exceeds MFMT = FMSY where FMSY = F30%SPR.	.69			A stock is overfished when the stock size is less than the minimum stock size threshold, where MSST = (1-M)BMSY.	3266	2127	mt
Black grouper - Southern Atlantic Coast / Gulf of Mexico	If either the MFMT (during an assessment year) or the OFL method (during a non-assessment year) is exceeded, the stock will be considered to be undergoing overfishing.	.216			A stock is overfished if the stock size less than MSST. MSST = SSBMSY(0.75).	5.92	5.12	million lbs.□
Snapper-Grouper Fishery of the South Atlantic Region / Reef Fish Resources of the Gulf of Mexico								
Goliath grouper - Southern Atlantic Coast / Gulf of Mexico	Overfishing is defined as an F that exceeds MFMT = FMSY.	NA			A stock is overfished if the stock is less than the MSST, where MSST = max(0.5,1-M)BMSY.			

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F _{MSY} or F _{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B _{MSY} or B _{MSY} Proxy	Estimate of Overfished	Bunit
Mutton snapper - Southern Atlantic Coast / Gulf of Mexico	If either the MFMT (during an assessment year) or the OFL method (during a non-assessment year) is exceeded, the stock will be considered to be undergoing overfishing.	.18			A stock is overfished if the stock is less than the MSST, where MSST = max(0.5, 1-M)BMSY.	2109	1877	mt
Yellowtail snapper - Southern Atlantic Coast / Gulf of Mexico	Overfishing occurs if: a) the fishing mortality rate exceeds the Fmsy or Fmsy proxy only in the year the stock is assessed; and b) catch exceeds the OFL in all other years when the stock is not assessed. Fmsy or Fmsy proxy are determined from the latest stock assessment.	.295			A stock is overfished if the stock size less than MSST. MSST = SSBMSY(0.75).	3072	583.6	adult spawners (hatchery + natural)
Spiny Lobster in the Gulf of Mexico and South Atlantic								
Caribbean spiny lobster - Southern Atlantic Coast / Gulf of Mexico	Overfishing exist when the eggs per recruit ratio of the exploited population to the unexploited population is reduced below 5% and recruitment of small lobsters into the fishery has declined for three consecutive fishing years.	NA			Undefined			
Western Pacific Fishery Management Council								
American Samoa Archipelago Ecosystem								
American Samoa Bottomfish Multi-species Complex		.24				335.4	234.78	Exploitable biomass (1000 lbs)□
Hawaii Archipelago Ecosystem								

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F_{MSY} or F_{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B_{MSY} or B_{MSY} Proxy	Estimate of Overfished	Bunit
Hancock Seamount Groundfish Complex	Overfishing occurs when F is greater than $F_{MSY} B / c BMSY$ if the stock biomass (B) is less than or equal to c BMSY, or when F is greater than F_{MSY} if the stock biomass (B) is greater than c BMSY, where c is equal to the greater of 1 minus the natural mortality rate (M) and 0.5. Effort (E) is used as a proxy for F.				A stock is overfished when stock biomass (B) is less than c BMSY, where c is equal to the greater of 1 minus the natural mortality rate (M) and 0.5. CPUE is used as a proxy for B.	NA	NA	NA
Main Hawaiian Islands Deep 7 Bottomfish Multi-species Complex	Overfishing occurs when F is greater than $F_{MSY} B / c BMSY$ if the stock biomass (B) is less than or equal to c BMSY, or when F is greater than F_{MSY} if the stock biomass (B) is greater than c BMSY, where c is equal to the greater of 1 minus the natural mortality rate (M) and 0.5. Effort (E) is used as a proxy for F.	0.06			A stock is overfished when stock biomass (B) is less than c BMSY, where c is equal to the greater of 1 minus the natural mortality rate (M) and 0.5. CPUE is used as a proxy for B.	14.59	10.21	million lbs.□
Northern Mariana Islands Bottomfish Multi-species Complex	Overfishing occurs when F is greater than $F_{MSY} B / c BMSY$ if the stock biomass (B) is less than or equal to c BMSY, or when F is greater than F_{MSY} if the stock biomass (B) is greater than c BMSY, where c is equal to the greater of 1 minus the natural mortality rate (M) and 0.5. Effort (E) is used as a proxy for F.	0.26			A stock is overfished when stock biomass (B) is less than c BMSY, where c is equal to the greater of 1 minus the natural mortality rate (M) and 0.5. CPUE is used as a proxy for B.	683,000	478,520	lb
Mariana Archipelago Ecosystem								
Guam Bottomfish Multi-species Complex		.35				162.2	113.54	exploitable biomass (1000 lbs)
Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem								

Stock / Stock Complex	Overfishing Status Determination Criteria in FMP	F_{MSY} or F_{MSY} Proxy	OFL	OFL Unit	Overfished Status Determination Criteria in FMP	B_{MSY} or B_{MSY} Proxy	Estimate of Overfished	Bunit
Albacore - South Pacific	Overfishing occurs when F is greater than $F_{MSY} B / c B_{MSY}$ if the stock biomass (B) is less than or equal to c BMSY, or when F is greater than F_{MSY} if the stock biomass (B) is greater than c BMSY, where c is equal to the greater of 1 minus the natural mortality rate (M) and 0.5.	.16			A stock is overfished when stock biomass (B) is less than c BMSY, where c is equal to the greater of 1 minus the natural mortality rate (M) and 0.5.	587000	NA	mt
Blue marlin - Pacific	Overfishing occurs when F is greater than $F_{MSY} B / c B_{MSY}$ if the stock biomass (B) is less than or equal to c BMSY, or when F is greater than F_{MSY} if the stock biomass (B) is greater than c BMSY, where c is equal to the greater of 1 minus the natural mortality rate (M) and 0.5.	.32			A stock is overfished when stock biomass (B) is less than c BMSY, where c is equal to the greater of 1 minus the natural mortality rate (M) and 0.5.	19436.5	NA	female spawning biomass (t)
International Pacific Halibut Commission								
Species Managed Under International Agreement - IPHC								
Pacific halibut - Pacific Coast / Alaska						154.9	103.3	million net pounds