

Northeast Multispecies Fishery

Final Year-End Results for Fishing Year 2021

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In this report: a table cell value of "0" or "0.0" indicates a non-zero value in the cell. "-" is displayed for values exactly equal to zero. Blanks are shown when there are no values. "NA" is displayed when no value is applicable or available.

NMFS Greater Atlantic Regional Fisheries Office
September 16, 2022

Table 1: FY 2021 Northeast Multispecies Percent of Annual Catch Limit Caught (%)

Stock	Components with ACLs and sub-ACLs: With Accountability Measures (AMs)								Sub-components: No AMs	
	Total	Groundfish Fishery	Sector	Common Pool	Recreational	Midwater Trawl Herring Fishery	Scallop Fishery	Small Mesh Fisheries	State Water	Other
	A to H	A+B+C	A	B	C	D	E	F	G	H
GB Cod	57.5	43.1	44.8	5.8					244.0	145.3
GOM Cod	76.7	82.3	88.1	49.7	75.8				33.7	32.0
GB Haddock	4.0	4.1	4.2	0.0		0.0			NA	0.5
GOM Haddock	27.7	27.9	34.4	1.7	17.0	-			69.0	2.0
GB Yellowtail Flounder	39.3	1.2	1.3	0.0			242.6	53.5	NA	NA
SNE Yellowtail Flounder	18.2	1.6	1.9	0.6			58.2		6.3	73.0
CC/GOM Yellowtail Flounder	48.7	43.8	43.6	47.7					45.3	145.9
Plaice	25.9	25.8	26.5	4.5					25.1	35.5
Witch Flounder	63.1	65.6	66.2	46.7					21.1	36.3
GB Winter Flounder	44.8	46.5	50.7	0.0					NA	9.8
GOM Winter Flounder	35.1	27.9	25.7	70.3					41.5	135.1
SNE/MA Winter Flounder	53.9	24.0	26.2	10.4					23.8	124.0
Redfish	45.0	45.0	45.6	0.1					NA	NA
White Hake	95.1	95.6	96.8	1.7					10.5	93.8
Pollock	20.3	16.5	16.7	0.2					29.2	71.1
Northern Windowpane	93.0	9.6	NA	NA			398.4		11.6	55.8
Southern Windowpane	39.8	29.0	NA	NA			20.5		34.3	56.9
Ocean Pout	54.1	49.3	NA	NA					NA	59.7
Halibut	56.3	58.3	NA	NA					57.0	19.4
Wolffish	2.0	1.9	NA	NA					NA	NA

Source: NMFS Greater Atlantic Regional Fisheries Office
September 12, 2022, run date of August 10, 2022

These data are the best available to NOAA's National Marine Fisheries Service (NMFS). Data sources for this report include: (1) Vessels via VMS; (2) Vessels via vessel logbook reports; (3) Dealers via Dealer Electronic reporting; (4) Observers, at-sea monitors, and electronic monitoring via the Northeast Fisheries Observer Program. Differences with previous reports are due to corrections made to the database.

Table 2: FY 2021 Northeast Multispecies Annual Catch Limits (mt)

Stock	Components with ACLs and sub-ACLs: With Accountability Measures (AMs)								Sub-components: No AMs	
	Total ACL	Groundfish	Sector	Common Pool	Recreational	Midwater Trawl Herring Fishery	Scallop Fishery ²	Small Mesh Fisheries	State Water	Other
	A to H	A+B+C	A	B	C	D	E	F	G	H
GB Cod	1,250	1,093	1,045	48					20	137
GOM Cod	523	463	262	8.2	193				48	12
GB Haddock	78,574	76,622	74,096	2,526		1,539			-	414
GOM Haddock	15,843	15,575	10,023	258	5,295	156			56	56
GB Yellowtail Flounder	78	64	58	5.1			12	1.5	NA	-
SNE Yellowtail Flounder	21	16	12	3.6			2.0		0.2	3.3
CC/GOM Yellowtail Flounder	787	692	650	41					58	37
Plaice	2,740	2,682	2,592	90					29	29
Witch Flounder	1,414	1,317	1,273	44					44	52
GB Winter Flounder	591	563	517	47					NA	27
GOM Winter Flounder	482	281	267	14					194	7.5
SNE/MA Winter Flounder	441	288	247	41					21	132
Redfish	9,677	9,677	9,537	139					-	-
White Hake	2,041	2,019	1,994	25					11	11
Pollock	21,086	18,549	18,355	193					1,434	1,103
Northern Windowpane	150	108	NA	108			31		0.8	10
Southern Windowpane	371	43	NA	43			129		23	177
Ocean Pout	83	50	NA	50					-	33
Halibut	97	73	NA	73					20	3.5
Wolffish	86	86	NA	86					-	-

Values in metric tons of live weight

Source: NMFS Greater Atlantic Regional Fisheries Office
September 12, 2022

Table 3: FY 2021 Northeast Multispecies Total Catch (mt)

Stock	Total Catch	Groundfish Fishery	Sector	Common Pool	Recreational	Midwater Trawl Herring Fishery	Scallop Fishery ¹	Small Mesh Fisheries	State Water	Other
	A to H	A+B+C	A	B	C	D	E	F	G	H
GB Cod	718.6	470.8	468.0	2.8					48.8	199.0
GOM Cod	401.2	381.2	230.9	4.1	146.2				16.2	3.8
GB Haddock	3,119.7	3,116.5	3,116.2	0.3		0.2			0.9	2.1
GOM Haddock	4,392.1	4,352.3	3,446.5	4.3	901.5	-			38.7	1.1
GB Yellowtail Flounder	30.7	0.8	0.8	0.0			29.1	0.8	-	0.0
SNE/MA Yellowtail Flounder	3.8	0.2	0.2	0.0			1.2		0.0	2.4
CC/GOM Yellowtail Flounder	383.6	303.4	283.7	19.7					26.3	54.0
Plaice	709.8	692.2	688.1	4.1					7.3	10.3
Witch Flounder	892.0	863.8	843.2	20.7					9.3	18.9
GB Winter Flounder	264.6	261.9	261.9	0.0					-	2.6
GOM Winter Flounder	169.1	78.4	68.7	9.8					80.5	10.1
SNE/MA Winter Flounder	237.8	69.1	64.9	4.2					5.0	163.6
Redfish	4,356.6	4,353.0	4,352.9	0.1					2.8	0.8
White Hake	1,941.6	1,930.1	1,929.7	0.4					1.2	10.3
Pollock	4,272.9	3,069.8	3,069.4	0.4					419.4	783.8
Northern Windowpane	139.5	10.4	10.4	0.0			123.5		0.1	5.6
Southern Windowpane	147.5	12.5	11.0	1.5			26.4		7.9	100.7
Ocean Pout	44.9	24.6	24.6	0.0					0.5	19.7
Halibut	54.6	42.5	40.5	2.1					11.4	0.7
Wolffish	1.8	1.7	1.6	0.0					0.0	0.0

¹Based on scallop fishing year April 2021 through March 2022

Values in metric tons of live weight

Sector and common pool include estimate of missing dealer reports

Any value for a non-allocated species may include landings of that stock or misreporting of species and/or stock area. These are northern windowpane, southern windowpane, ocean pout, halibut, and wolffish.

Source: NMFS Greater Atlantic Regional Fisheries Office

September 12, 2022, run date of August 10, 2022

These data are the best available to NOAA's National Marine Fisheries Service (NMFS). Data sources for this report include: (1) Vessels via VMS; (2) Vessels via vessel logbook reports; (3) Dealers via Dealer Electronic reporting; (4) Observers, at-sea monitors, and electronic monitoring via the Northeast Fisheries Observer Program. Differences with previous reports are due to corrections made to the database.

Table 4: FY 2021 Northeast Multispecies Landings (mt)

Stock	Total Landings	Groundfish Fishery	Sector	Common Pool	Recreational	Midwater Trawl Herring Fishery	Scallop Fishery	Small Mesh Fisheries	State Water	Other
	A to H	A+B+C	A	B	C	D	E	F	G	H
GB Cod	680.7	463.6	461.1	2.5					41.3	175.7
GOM Cod	301.9	285.7	223.5	3.5	58.6				16.0	0.2
GB Haddock	3,072.1	3,071.2	3,070.9	0.3		0.2			0.1	0.7
GOM Haddock	4,216.3	4,177.3	3,400.4	4.1	772.8	-			38.0	1.1
GB Yellowtail Flounder	0.7	0.7	0.7	-			-	0.1	-	-
SNE/MA Yellowtail Flounder	0.3	0.2	0.2	0.0			-		-	0.1
CC/GOM Yellowtail Flounder	294.2	268.2	248.8	19.4					25.9	0.0
Plaice	648.5	642.4	638.3	4.1					6.1	0.0
Witch Flounder	846.0	837.2	816.6	20.7					8.6	0.2
GB Winter Flounder	261.0	261.0	261.0	-					-	0.0
GOM Winter Flounder	154.6	74.9	65.1	9.8					79.3	0.4
SNE/MA Winter Flounder	72.6	66.7	62.4	4.2					3.8	2.2
Redfish	4,316.9	4,314.8	4,314.7	0.1					1.9	0.2
White Hake	1,920.0	1,916.2	1,915.9	0.4					0.8	3.0
Pollock	3,387.9	2,996.7	2,996.5	0.2					170.5	220.7
Northern Windowpane	0.0	0.0	0.0	-			-		-	-
Southern Windowpane	5.2	-	-	-			-		5.2	0.0
Ocean Pout	0.0	-	-	-					-	0.0
Halibut	36.5	25.1	23.0	2.1					11.0	0.4
Wolffish	0.0	0.0	0.0	-					-	-

Values in metric tons of live weight

Sector and common pool include estimate of missing dealer reports

Any value for a non-allocated species may include landings of that stock or misreporting of species and/or stock area. These are northern windowpane, southern windowpane, ocean pout, halibut, and wolffish.

Source: NMFS Greater Atlantic Regional Fisheries Office

September 12, 2022, run date of August 10, 2022

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Table 5: FY 2021 Northeast Multispecies Estimated Discards (mt)

Stock	Total Discards	Groundfish Fishery	Sector	Common Pool	Recreational	Midwater Trawl Herring Fishery	Scallop Fishery	Small Mesh Fisheries	State Water	Other
	A to H	A+B+C	A	B	C	D	E	F	G	H
GB Cod	37.9	7.2	6.9	0.3					7.5	23.3
GOM Cod	99.3	95.5	7.4	0.6	87.6				0.1	3.7
GB Haddock	47.6	45.3	45.3	0.0		0.0			0.9	1.4
GOM Haddock	175.8	175.1	46.2	0.2	128.7	-			0.7	0.1
GB Yellowtail Flounder	29.9	0.1	0.1	0.0			29.1	0.8	-	0.0
SNE/MA Yellowtail Flounder	3.6	0.1	0.1	0.0			1.2		0.0	2.3
CC/GOM Yellowtail Flounder	89.5	35.2	34.8	0.4					0.3	53.9
Plaice	61.3	49.8	49.8	0.0					1.2	10.3
Witch Flounder	46.0	26.6	26.6	0.0					0.7	18.7
GB Winter Flounder	3.6	0.9	0.9	0.0					-	2.6
GOM Winter Flounder	14.5	3.5	3.5	0.0					1.2	9.7
SNE/MA Winter Flounder	165.1	2.5	2.5	0.0					1.2	161.4
Redfish	39.8	38.3	38.2	0.0					1.0	0.5
White Hake	21.6	13.9	13.8	0.1					0.3	7.3
Pollock	885.0	73.0	72.9	0.1					248.9	563.1
Northern Windowpane	139.5	10.3	10.3	0.0			123.5		0.1	5.6
Southern Windowpane	142.3	12.5	11.0	1.5			26.4		2.7	100.7
Ocean Pout	44.9	24.6	24.6	0.0					0.5	19.7
Halibut	18.1	17.4	17.4	0.0					0.4	0.2
Wolffish	1.7	1.7	1.6	0.0					0.0	0.0

Values in metric tons of live weight

Sector and common pool include estimate of missing dealer reports

Source: NMFS Greater Atlantic Regional Fisheries Office

September 12, 2022, run date of August 10, 2022

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Table 6: FY 2021 Northeast Multispecies Estimated State Water Sub-Component Catch Detail (mt)

Stock	Total			Commercial			Recreational		
	Catch	Landings	Discard	Total Catch	Landings ¹	Discard ¹	Total Catch	Landings	Discard
	A+B+C+D	A+C	B+D	A+B	A	B	C+D	C	D
GB Cod	48.8	41.3	7.5	4.6	4.3	0.3	44.2	37.0	7.2
GOM Cod	16.2	16.0	0.1	16.2	16.0	0.1	-*	-*	-*
GB Haddock	0.9	0.1	0.9	0.9	0.1	0.9			
GOM Haddock	38.7	38.0	0.7	38.7	38.0	0.7	-*	-*	-*
GB Yellowtail Flounder	-	-	-	-	-	-			
SNE/MA Yellowtail Flounder	0.0	-	0.0	0.0	-	0.0			
CC/GOM Yellowtail Flounder	26.3	25.9	0.3	26.3	25.9	0.3			
Plaice	7.3	6.1	1.2	7.3	6.1	1.2			
Witch Flounder	9.3	8.6	0.7	9.3	8.6	0.7			
GB Winter Flounder	-	-	-	-	-	-			
GOM Winter Flounder	80.5	79.3	1.2	37.0	36.9	0.1	43.5	42.4	1.2
SNE/MA Winter Flounder	5.0	3.8	1.2	3.1	3.0	0.1	1.9	0.8	1.1
Redfish	2.8	1.9	1.0	2.8	1.9	1.0			
White Hake	1.2	0.8	0.3	1.2	0.8	0.3			
Pollock	419.4	170.5	248.9	2.8	0.9	1.9	416.5	169.5	247.0
Northern Windowpane	0.1	-	0.1	0.1	-	0.1			
Southern Windowpane	7.9	5.2	2.7	7.9	5.2	2.7			
Ocean Pout	0.5	-	0.5	0.5	-	0.5			
Halibut	11.4	11.0	0.4	11.4	11.0	0.4			
Wolffish	0.0	-	0.0	0.0	-	0.0			

*Recreational catch of GOM cod and haddock in state waters is attributed to the recreational sub-ACL (see Tables 1 - 5), and so is not included above.

¹January through April 2022 commercial catches are estimated.

State discard rate estimates based on discard rates on federal trips

Values in metric tons of live weight

Source: NMFS Greater Atlantic Regional Fisheries Office

September 12, 2022, run date of September 1, 2022

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Table 7: FY 2021 Northeast Multispecies Other Sub-Component Catch Detail (mt)

Stock	Total	SCALLOP ¹	FLUKE	HAGFISH	HERRING	LOBSTER/ CRAB ²	MACKEREL	MENHADEN	MONKFISH	REDCRAB	RESEARCH ³
GB Cod	199.0	4.8	0.0	-	0.0	0.4	0.0	0.0	0.2	0.0	0.2
GOM Cod	3.8	0.2	-	0.2	0.6	0.0	0.0	-	0.0	-	0.2
GB Haddock	2.1	1.3	0.0	-	0.0*	-	0.0	0.0	-	-	0.7
GOM Haddock	1.1	-	-	0.0	0.0*	-	0.0	0.0	0.0	-	1.0
GB Yellowtail Flounder	0.0	-*	-	-	-*	-	-	-	-	-	-
SNE Yellowtail Flounder	2.4	-*	0.5	-	0.0	-	0.0	0.0	-	-	0.0
CC/GOM Yellowtail Flounder	54.0	22.8	-	0.7	3.1	-	0.0	0.2	0.0	-	-
American Plaice	10.3	7.9	0.1	-	0.0	-	0.0	0.0	-	-	-
Witch Flounder	18.9	10.0	1.3	0.0	0.0	-	0.0	0.0	0.0	0.0	-
GB Winter Flounder	2.6	2.0	-	-	-	-	-	-	-	-	-
GOM Winter Flounder	10.1	4.0	-	0.3	1.0	-	0.0	0.0	0.0	-	0.0
SNE Winter Flounder	163.6	70.8	6.2	-	0.1	0.2	0.7	0.0	0.0	-	0.0
Redfish	0.8	-	0.0	-	0.0	-	0.0	0.0	-	-	0.1
White Hake	10.3	2.6	0.5	0.0	0.0	0.7	0.0	0.0	0.0	0.0	1.0
Pollock	783.8	-	0.0	-	0.1	-	0.0	0.0	-	-	0.1
Northern Windowpane	5.6	-*	0.3	-	0.1	-	0.0	0.0	-	-	-
Southern Windowpane	100.7	-*	27.8	-	0.1	-	0.3	0.0	0.0	-	-
Ocean Pout	19.7	3.3	0.4	-	0.0	0.0	0.1	0.0	-	-	-
Halibut	0.7	0.2	0.0	-	-	0.4	-	-	0.0	-	0.1
Wolffish	0.0	0.0	0.0	-	-	-	-	-	-	-	-

Values in metric tons of live weight

¹Based on scallop fishing year April 2021 through March 2022

²Landings only. Discard estimates not applicable. Lobster/crab discards were not attributed to the ACL, consistent with the most recent assessments for these stocks used to set the respective quotas.

³Accounting of research catch varies according to research program, consistent with MSA requirements and research permit policy.

*Some or all catch attributed to separate sub-ACL as shown in Tables 1 through 5, and so is not included above.

Source: NMFS Greater Atlantic Regional Fisheries Office
September 12, 2022, run date of Sept. 9, 2022

These criteria are used by the Greater Atlantic Regional Fisheries Office (GARFO) to categorize trips to attribute groundfish catch for groundfish ACL accounting. By necessity these rules cannot capture the full complexity of categorizing every trip taken by vessels fishing in the Northeast. Further analysis should be completed to definitively attribute groundfish catch to an FMP for management purposes.

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Table 7: FY 2021 Northeast Multispecies Other Sub-Component Catch Detail (mt)

Stock	Total	SCUP	SHRIMP	SQUID	SQUID/ WHITING	SURFCLAM	WHELK/ CONCH	WHITING	UNCATEGORIZED	RECREATIONAL
GB Cod	199.0	0.0	0.0	0.6	0.0	0.2	0.0	0.0	0.6	191.8
GOM Cod	3.8	-	-	0.0	-	1.1	0.0	-	1.5	-*
GB Haddock	2.1	-	0.0	0.1	0.0	-	-	0.0	0.0	
GOM Haddock	1.1	-	-	0.0	0.0	0.0	0.0	0.0	0.1	-*
GB Yellowtail Flounder	0.0	-	-*	-*	-	-	-	-	0.0*	
SNE Yellowtail Flounder	2.4	0.2	0.0	1.4	0.1	-	-	0.0	0.3	
CC/GOM Yellowtail Flounder	54.0	-	-	0.7	8.8	10.4	0.0	0.2	7.1	
American Plaice	10.3	0.0	0.0	2.0	0.1	0.0	-	0.0	0.2	
Witch Flounder	18.9	0.5	0.0	5.4	0.4	0.1	0.0	0.0	1.1	
GB Winter Flounder	2.6	-	-	0.4	0.2	-	-	-	0.0	
GOM Winter Flounder	10.1	-	-	0.0	0.1	1.7	0.0	0.0	2.6	0.5
SNE Winter Flounder	163.6	2.3	0.1	71.7	3.3	-	-	0.0	8.0	0.2
Redfish	0.8	0.0	0.0	0.5	0.0	-	-	0.0	0.1	
White Hake	10.3	0.1	0.0	3.2	0.3	-	0.0	0.0	1.9	
Pollock	783.8	-	0.0	0.1	0.0	-	-	0.0	0.4	783.1
Northern Windowpane	5.6	-	-	2.0	2.3	0.0	-	0.0	0.9	
Southern Windowpane	100.7	10.3	0.1	41.6	2.0	0.2	-	0.0	18.5	
Ocean Pout	19.7	0.1	0.0	13.6	0.8	-	-	0.0	1.2	
Halibut	0.7	-	0.0	0.0	0.0	-	-	-	0.0	
Wolffish	0.0	-	0.0	0.0	0.0	-	-	-	0.0	

Values in metric tons of live weight

*Some or all catch attributed to separate sub-ACL as shown in Tables 1 through 5, and so is not included above.

Source: NMFS Greater Atlantic Regional Fisheries Office
September 12, 2022, run date of Sept. 9, 2022

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Table 8: FY 2021 Northeast Multispecies Other Sub-Component Landings Detail (mt)

Stock	Total	SCALLOP ¹	FLUKE	HAGFISH	HERRING	LOBSTER/ CRAB	MACKEREL	MENHADEN	MONKFISH	REDCRAB	RESEARCH ²
GB Cod	175.7	-	0.0	-	-	0.4	-	0.0	0.2	-	0.2
GOM Cod	0.2	-	-	-	-	0.0	-	-	-	-	0.2
GB Haddock	0.7	-	-	-	-*	-	-	-	-	-	0.7
GOM Haddock	1.1	-	-	-	-*	-	-	-	-	-	1.0
GB Yellowtail Flounder	-	-*	-	-	-	-	-	-	-	-	-
SNE Yellowtail Flounder	0.1	-*	-	-	-	-	-	-	-	-	0.0
CC/GOM Yellowtail Flounder	0.0	-	-	-	-	-	-	-	-	-	-
American Plaice	0.0	-	-	-	-	-	-	-	-	-	-
Witch Flounder	0.2	0.1	0.0	-	-	-	-	-	-	-	-
GB Winter Flounder	0.0	0.0	-	-	-	-	-	-	-	-	-
GOM Winter Flounder	0.4	-	-	-	-	-	-	-	-	-	0.0
SNE Winter Flounder	2.2	0.3	0.3	-	-	0.2	-	-	0.0	-	0.0
Redfish	0.2	-	-	-	0.0	-	-	-	-	-	0.1
White Hake	3.0	0.1	0.5	-	-	0.7	-	-	-	-	1.0
Pollock	220.7	-	0.0	-	-	-	-	-	-	-	0.1
Northern Windowpane	-	-*	-	-	-	-	-	-	-	-	-
Southern Windowpane	0.0	-*	0.0	-	-	-	-	-	-	-	-
Ocean Pout	0.0	-	-	-	-	0.0	-	-	-	-	-
Halibut	0.4	-	-	-	-	0.4	-	-	0.0	-	0.1
Wolffish	-	-	-	-	-	-	-	-	-	-	-

Values in metric tons of live weight

¹Based on scallop fishing year April 2021 through March 2022

²Accounting of research catch varies according to research program, consistent with MSA requirements and research permit policy.

*Some or all catch attributed to separate sub-ACL as shown in Tables 1 through 5, and so is not included above.

Source: NMFS Greater Atlantic Regional Fisheries Office
September 12, 2022, run date of Sept. 9, 2022

These criteria are used by the Greater Atlantic Regional Fisheries Office (GARFO) to categorize trips to attribute groundfish catch for groundfish ACL accounting. By necessity these rules cannot capture the full complexity of categorizing every trip taken by vessels fishing in the Northeast. Further analysis should be completed to definitively attribute groundfish catch to an FMP for management purposes.

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Table 8: FY 2021 Northeast Multispecies Other Sub-Component Landings Detail (mt)

Stock	Total	SCUP	SHRIMP	SQUID	SQUID/ WHITING	SURFCLAM	WHELK/ CONCH	WHITING	UNCATEGORIZED	RECREATIONAL
GB Cod	175.7	-	-	0.0	-	-	-	-	0.4	174.5
GOM Cod	0.2	-	-	-	-	-	-	-	-	.*
GB Haddock	0.7	-	-	-	-	-	-	-	-	
GOM Haddock	1.1	-	-	-	-	-	-	-	0.1	.*
GB Yellowtail Flounder	-	-	-	-	-	-	-	-	-	
SNE Yellowtail Flounder	0.1	-	-	0.1	-	-	-	-	0.0	
CC/GOM Yellowtail Flounder	0.0	-	-	-	-	-	-	-	0.0	
American Plaice	0.0	-	-	-	-	-	-	-	0.0	
Witch Flounder	0.2	-	-	-	0.1	-	-	-	0.0	
GB Winter Flounder	0.0	-	-	-	-	-	-	-	-	
GOM Winter Flounder	0.4	-	-	-	-	-	-	-	0.0	0.4
SNE Winter Flounder	2.2	0.1	-	0.7	0.0	-	-	-	0.5	0.2
Redfish	0.2	-	-	0.1	-	-	-	-	-	
White Hake	3.0	0.1	-	0.1	0.1	-	-	-	0.4	
Pollock	220.7	-	-	-	-	-	-	-	0.4	220.2
Northern Windowpane	-	-	-	-	-	-	-	-	-	
Southern Windowpane	0.0	-	-	0.0	-	-	-	-	-	
Ocean Pout	0.0	-	-	0.0	-	-	-	-	-	
Halibut	0.4	-	-	-	-	-	-	-	-	
Wolffish	-	-	-	-	-	-	-	-	-	

Values in metric tons of live weight

*Some or all catch attributed to separate sub-ACL as shown in Tables 1 through 5, and so is not included above.

Source: NMFS Greater Atlantic Regional Fisheries Office
September 12, 2022, run date of Sept. 9, 2022

These criteria are used by the Greater Atlantic Regional Fisheries Office (GARFO) to categorize trips to attribute groundfish catch for groundfish ACL accounting. By necessity these rules cannot capture the full complexity of categorizing every trip taken by vessels fishing in the Northeast. Further analysis should be completed to definitively attribute groundfish catch to an FMP for management purposes.

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Table 9: FY 2021 Northeast Multispecies Other Sub-Component Estimated Discards Detail (mt)

Stock	Total	SCALLOP ¹	FLUKE	HAGFISH	HERRING	LOBSTER/ CRAB ²	MACKEREL	MENHADEN	MONKFISH	REDCRAB	RESEARCH ³
GB Cod	23.3	4.8	0.0	-	0.0	NA	0.0	0.0	0.1	0.0	-
GOM Cod	3.7	0.2	-	0.2	0.6	NA	0.0	-	0.0	-	-
GB Haddock	1.4	1.3	0.0	-	0.0*	NA	0.0	0.0	-	-	-
GOM Haddock	0.1	-	-	0.0	.0*	NA	0.0	0.0	0.0	-	-
GB Yellowtail Flounder	0.0	-*	-	-	-*	NA	-	-	-	-	-
SNE Yellowtail Flounder	2.3	-*	0.5	-	0.0	NA	0.0	0.0	-	-	-
CC/GOM Yellowtail Flounder	53.9	22.8	-	0.7	3.1	NA	0.0	0.2	0.0	-	-
American Plaice	10.3	7.9	0.1	-	0.0	NA	0.0	0.0	-	-	-
Witch Flounder	18.7	10.0	1.3	0.0	0.0	NA	0.0	0.0	0.0	0.0	-
GB Winter Flounder	2.6	2.0	-	-	-	NA	-	-	-	-	-
GOM Winter Flounder	9.7	4.0	-	0.3	1.0	NA	0.0	0.0	0.0	-	-
SNE Winter Flounder	161.4	70.5	5.9	-	0.1	NA	0.7	0.0	-	-	-
Redfish	0.5	-	0.0	-	0.0	NA	0.0	0.0	-	-	-
White Hake	7.3	2.5	0.0	0.0	0.0	NA	0.0	0.0	0.0	0.0	-
Pollock	563.1	-	0.0	-	0.1	NA	0.0	0.0	-	-	-
Northern Windowpane	5.6	-*	0.3	-	0.1	NA	0.0	0.0	-	-	-
Southern Windowpane	100.7	-*	27.8	-	0.1	NA	0.3	0.0	0.0	-	-
Ocean Pout	19.7	3.3	0.4	-	0.0	NA	0.1	0.0	-	-	-
Halibut	0.2	0.2	0.0	-	-	NA	-	-	0.0	-	-
Wolffish	0.0	0.0	0.0	-	-	NA	-	-	-	-	-

Values in metric tons of live weight

¹Based on scallop fishing year April 2021 through March 2022

²Discard estimates not applicable. Lobster/crab discards were not attributed to the ACL, consistent with the most recent assessments for these stocks used to set the respective quotas.

³Accounting of research catch varies according to research program, consistent with MSA requirements and research permit policy.

*Some or all catch attributed to separate sub-ACL as shown in Tables 1 through 5, and so is not included above.

Source: NMFS Greater Atlantic Regional Fisheries Office

September 12, 2022, run date of Sept. 9, 2022

These criteria are used by the Greater Atlantic Regional Fisheries Office to categorize trips to attribute groundfish catch for groundfish ACL accounting. By necessity these rules cannot capture the full complexity of categorizing every trip taken by vessels fishing in the Northeast. Further analysis should be completed to definitively attribute groundfish catch to an FMP for management purposes.

These data are the best available to NOAA's National Marine Fisheries Service (NMFS). Data sources for this report include: (1) Vessels via VMS; (2) Vessels via vessel logbook reports; (3) Dealers via Dealer Electronic reporting. Differences with previous reports are due to corrections made to the database.

Table 9: FY 2021 Northeast Multispecies Other Sub-Component Estimated Discards Detail (mt)

Stock	Total	SCUP	SHRIMP	SQUID	SQUID/ WHITING	SURFCLAM	WHELK/ CONCH	WHITING	UNCATEGORIZED	RECREATIONAL
GB Cod	23.3	0.0	0.0	0.6	0.0	0.2	0.0	0.0	0.2	17.2
GOM Cod	3.7	-	-	0.0	-	1.1	0.0	-	1.5	-*
GB Haddock	1.4	-	0.0	0.1	0.0	-	-	0.0	0.0	
GOM Haddock	0.1	-	-	0.0	0.0	0.0	0.0	0.0	0.0	-*
GB Yellowtail Flounder	0.0	-	-	-*	-*	-	-	-	0.0*	
SNE Yellowtail Flounder	2.3	0.2	0.0	1.3	0.1	-	-	0.0	0.3	
CC/GOM Yellowtail Flounder	53.9	-	-	0.7	8.8	10.4	0.0	0.2	7.1	
American Plaice	10.3	0.0	0.0	2.0	0.1	0.0	-	0.0	0.2	
Witch Flounder	18.7	0.5	0.0	5.4	0.3	0.1	0.0	0.0	1.1	
GB Winter Flounder	2.6	-	-	0.4	0.2	-	-	-	0.0	
GOM Winter Flounder	9.7	-	-	0.0	0.1	1.7	0.0	0.0	2.6	0.0
SNE Winter Flounder	161.4	2.2	0.1	71.0	3.3	-	-	0.0	7.5	-
Redfish	0.5	0.0	0.0	0.4	0.0	-	-	0.0	0.1	
White Hake	7.3	-	0.0	3.1	0.2	-	0.0	0.0	1.5	
Pollock	563.1	-	0.0	0.1	0.0	-	-	0.0	0.0	562.8
Northern Windowpane	5.6	-	-	2.0	2.3	0.0	-	0.0	0.9	
Southern Windowpane	100.7	10.3	0.1	41.6	2.0	0.2	-	0.0	18.5	
Ocean Pout	19.7	0.1	0.0	13.6	0.8	-	-	0.0	1.2	
Halibut	0.2	-	0.0	0.0	0.0	-	-	-	0.0	
Wolffish	0.0	-	0.0	0.0	0.0	-	-	-	0.0	

Values in metric tons of live weight

*Some or all catch attributed to separate sub-ACL as shown in Tables 1 through 5, and so is not included above.

Source: NMFS Greater Atlantic Regional Fisheries Office
September 12, 2022, run date of Sept. 9, 2022

These criteria are used by the Greater Atlantic Regional Fisheries Office to categorize trips to attribute groundfish catch for groundfish ACL accounting. By necessity these rules cannot capture the full complexity of categorizing every trip taken by vessels fishing in the Northeast. Further analysis should be completed to definitively attribute groundfish catch to an FMP for management purposes.

These data are the best available to NOAA's National Marine Fisheries Service (NMFS). Data sources for this report include: (1) Vessels via VMS; (2) Vessels via vessel logbook reports; (3) Dealers via Dealer Electronic reporting. Differences with previous reports are due to corrections made to the database.

**Table 10: FY 2019 - 2021 GOM Cod and Haddock Recreational Catch Evaluation
(mt)**

Stock	Fishing Year	Recreational Catch				
		Catch	Landings	Discard	Recreational sub-ACL	Percent of Catch Limit Taken
		A + B	A	B		
GOM Cod	2019	79.8	23.3	56.5	220	36.3
	2020	184.0	41.5	142.4	193	95.3
	2021	146.2	58.6	87.6	193	75.8
	Average	136.6	41.1	95.5	202	67.6
GOM Haddock	2019	423.2	301.6	121.6	3,194	13.3
	2020	1,202.3	913.7	288.5	6,210	19.4
	2021	901.5	772.8	128.7	5,295	17.0
	Average	842.3	662.7	179.6	4,900	17.2

Recreational estimates based on Marine Recreational Information Program (MRIP) data.

FY 2020+ GOM cod and GOM haddock recreational catch estimates are based on the Fishing Effort Survey (FES). FY 2019 GOM cod and GOM haddock estimates are back calibrated from the FES to the Coastal Household Telephone Survey (CHTS) metrics.

Values in metric tons of live weight

Source: NMFS Greater Atlantic Regional Fisheries Office
September 12, 2022

These data are the best available to NOAA's National Marine Fisheries Service (NMFS).

Table 11: FY 2021 Northeast Multispecies Sector Carryover (mt)

Stock**	FY 2021 Available Annual Catch Entitlement (ACE)				Available Carryover from FY 2021 to FY 2022	
	FY 2021 Initial ACE	FY 2020 Carryover	FY 2021 Total ACE	Total ACE as a Percent of Initial ACE	<i>de minimis</i>	Maximum
	A	B	C = A + B	C / A	D	E
GB Cod	1,045	58	1,103	105.6	2	13
GOM Cod	262	25	287	109.7	3	25
GB Haddock	74,038	4,149	78,187	105.6	743	4,081
GOM Haddock	10,023	951	10,974	109.5	68	653
GB Yellowtail Flounder	58.5	NA*	58.5	100.0	NA*	NA*
SNE/MA Yellowtail Flounder	12	1	13	108.3	0	1
CC/GOM Yellowtail Flounder	650	36	686	105.5	7	36
Plaice	2,592	141	2,733	105.4	25	138
Witch Flounder	1,273	69	1,342	105.4	12	69
GB Winter Flounder	517	17	534	103.3	5	17
GOM Winter Flounder	267	15	282	105.6	3	15
SNE Winter Flounder	247	15	262	106.1	2	15
Redfish	9,537	509	10,046	105.3	94	503
White Hake	1,994	106	2,100	105.3	18	105
Pollock	18,355	976	19,331	105.3	138	744

This table shows sector carryover as has been calculated since fishing year 2013, in accordance with the regulations at 50 CFR 648.87(b)(1)(i)(C) as of September 16, 2022.

*Carryover of GB yellowtail flounder is not allowed because this stock is jointly managed with Canada.

**There is no carryover for non-allocated stocks: Northern windowpane flounder, southern windowpane flounder, ocean pout, halibut, and wolffish.

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Source: NMFS Greater Atlantic Regional Fisheries Office

Run Date: September 16, 2022

**Table 12: FY 2021 End of Year Accounting of Transboundary U.S./Canada Stocks -
Percentage of U.S. TACs Caught (%)**

Stock	% of U.S. TAC	Percent of Each Fishery Component U.S. TAC Caught								
		Groundfish	Sector	Common Pool	Recreational	Herring Fishery	Scallop Fishery	Small Mesh Fisheries	State Water	Other
	A to H	A+B+C	A	B	C	D	E	F	G	H
Eastern GB Cod	29.6	29.6	31.0	0.0					NA	NA
Eastern GB Haddock	6.8	6.8	7.1	0.0		NA			NA	NA
GB Yellowtail Flounder	38.3	1.2	1.3	0.0			242.6	53.5	NA	NA

Values in percent live weight (%)

Includes estimate of missing dealer reports

Source: NMFS Greater Atlantic Regional Fisheries Office
September 12, 2022

Any value for a non-allocated species may be due to landings of that stock; misreporting of species and/or stock area; and/or estimated landings (in lieu of missing reports) based on vessel histories.

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Table 13: FY 2021 End of Year Accounting of Transboundary U.S./Canada Stocks - U.S. TACs (mt)

Stock	Fishery Component TAC									
	U.S. TAC	Groundfish	Sector	Common Pool	Recreational	Herring Fishery	Scallop Fishery ¹	Small-Mesh Fisheries	State Water	Other
	A to H	A+B+C	A	B	C	D	E	F	G	H
Eastern GB Cod	191	190.5	182.1	8.4						
Eastern GB Haddock	6,486	6,486	6,272	213.8						
GB Yellowtail Flounder	80.0	63.6	58.5	5.1			12.0	1.5		-

Values in live weight

Source: NMFS Greater Atlantic Regional Fisheries Office
August 23, 2022

Table 14: FY 2021 End of Year Accounting of Transboundary U.S./Canada Stocks - U.S. Catch (mt)

Stock	U.S. Catch	U.S. Catch by Fishery Component								
		Groundfish	Sector	Common Pool	Recreational	Herring Fishery	Scallop Fishery	Small Mesh Fisheries	State Water	Other
		A to H	A+B+C	A	B	C	D	E	F	G
Eastern GB Cod	56.4	56.4	56.4	-					-	0.0
Eastern GB Haddock	442.7	442.7	442.7	-			-		-	0.0
GB Yellowtail Flounder	30.7	0.8	0.8	0.0			29.1	0.8	-	0.0

Values in live weight
Includes estimate of missing dealer reports
September 12, 2022

Table 15: FY 2021 End of Year Transboundary U.S./Canada Vessels, Trips, DAS Used, and Observers

Area ¹	Number of Vessels		Number of Trips		DAS Used		Number of Observed Trips	
	Sector	Common Pool	Sector	Common Pool	Sector	Common Pool	Sector	Common Pool
Eastern U.S./Canada Area	30	0	159	0	884	0	52	0
Western U.S./Canada Area	43	NA	455	NA	2,218	0	119	0
Total	44	NA	467	NA	2,278	0	126	0

¹Area based on area fished. Totals don't sum due to multi-area trips
Data display "NA" due to data confidentiality.

Source: NMFS Greater Atlantic Regional Fisheries Office
September 12, 2022

Any value for a non-allocated species may be due to landings of that stock; misreporting of species and/or stock area; and/or estimated landings (in lieu of missing reports) based on vessel histories.

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Table 16: FY 2021 End of Year Accounting of Transboundary U.S./Canada Stocks - U.S. Landings (mt)

Stock	U.S. Landings	U.S. Catch by Fishery Component								
		Groundfish	Sector	Common Pool	Recreational	Herring Fishery	Scallop Fishery	Small Mesh Fisheries	State Water	Other
	A to H	A+B+C	A	B	C	D	E	F	G	H
Eastern GB Cod	55.8	55.8	55.8	-					-	-
Eastern GB Haddock	431.6	431.6	431.6	-		-			-	-
GB Yellowtail Flounder	0.7	0.7	0.7	-			-	0.1	-	-

Values in live weight

Includes estimate of missing dealer reports

Source: NMFS Greater Atlantic Regional Fisheries Office

September 12, 2022

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Table 17: FY 2021 End of Year Accounting of Transboundary U.S./Canada Stocks - U.S. Discards (mt)

Stock	U.S. Discards	U.S. Catch by Fishery Component								
		Groundfish	Sector	Common Pool	Recreational	Herring Fishery	Scallop Fishery	Small Mesh Fisheries	State Water	Other
	A to H	A+B+C	A	B	C	D	E	F	G	H
Eastern GB Cod	0.7	0.6	0.6	-					-	0.0
Eastern GB Haddock	11.1	11.1	11.1	-		-			-	0.0
GB Yellowtail Flounder	29.9	0.1	0.1	0.0			29.1	0.8	-	0.0

Values in live weight

Includes estimate of missing dealer reports

Source: NMFS Greater Atlantic Regional Fisheries Office
September 12, 2022

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