

International Commission for



the Northwest Atlantic Fisheries

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ANNUAL MEETING - JUNE 1977

Statistics on Discards, 1975

by

Assistant Executive Secretary

1. At the 1975 Annual Meeting, STACRES recommended (a) that the Secretariat contact Member Countries with a view to improving the collection and reporting of statistics on discards by species, in particular TAC species; and (b) that the Secretariat issue the data annually in a Summary Document (*Redbook* 1975, page 17).
2. At the 1976 Annual Meeting, the Subcommittee on Statistics and Sampling noted the sparseness of information on discards reported for 1974, particularly in regard to the absence of data from several countries with significant fisheries in the ICNAF Area (*Redbook* 1976, page 129). The problem of discarding at sea was considered to be very important, and, noting that the Commission now requires that data on discards be recorded in fishing logbooks, the Subcommittee felt that considerable improvement in the reporting of discards statistics for 1975 could be expected. It was pointed out that national scientists should take an active interest in analyzing the logbook data on discards to ensure that the most reliable information is submitted to the Secretariat.
3. Circular Letter 76/1 (issued 6 January 1976) requested Member Countries to submit their statistics on discards for 1975 (on forms provided) to reach the Secretariat before 15 July 1976.
4. Reports for 1975 have been received from Canada (Nfld), Cuba, Federal Republic of Germany, Japan, Norway, Poland, United Kingdom and USA. Norway indicated that all vessels fishing for cod in the ICNAF Area used longlines or gillnets and that there are usually no discards from these vessels. Cuba reported that, while no logbook records were kept on discards in 1975, all vessels operating were factory ships and the quantities discarded were very insignificant. Poland reported that the quantities of discarded fish by its fishing fleet were minimal. USSR submitted a report on the disposition of catch for the manufacture of fish meal, but there was no indication of quantities being discarded. All of the available data for 1975 are presented on the following pages in the same format as they were received.
5. In view of the expectation noted in paragraph 2 above that there should be considerable improvement in the reporting of discards statistics for 1975, the following table indicates the countries which responded to the Secretariat's request for information on discards pertaining to the years 1973 to 1975 (Summ. Doc. 75/45. 76/VI/29, 77/VI/18). In the following table, X indicates that some data were reported and N indicates that discards were nil or negligible.

Country	1973	1974	1975
Bulgaria			
Canada (MQ) ¹			
Canada (N)	X	X	X
Cuba			N
Denmark (F)			
Denmark (G)			
Denmark (M)			
France (M)	X		
France (SP)			
Fed. Rep. Germany	X	X	X
German Dem. Rep.		X	
Iceland			

Country	1973	1974	1975
Italy			
Japan	X	X	X
Norway		N	N
Poland	X		N
Portugal	X	X	
Romania			
Spain			
USSR			
UK	X	X	X
USA	X	X	X

¹ Canada(MQ) reported that no data were available for 1973 and 1974.

It is obvious from the above table that the reporting of data on discards has declined since 1973.

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INTERNATIONAL COMMISSION FOR THE NORTHWEST ATLANTIC FISHERIES

ANNUAL RETURN OF INFORMATION ON DISCARDS

(for reporting weights of whole fish thrown overboard at sea)

Year: 1975 Country: Canada (Nfld.) Gear: OT-Side Tonnage Class: 151-500
 Check (✓) method used Logbook Port Interview
 to get information: Boat Observer Other (specify)

TOTAL WEIGHT FOR YEAR BY SPECIES AND/OR SPECIES GROUPS (metric tons round fresh)

Species	Div.: 3N		Div.: 3Ps		Div.: 4R		Div.: 4T		Div.: 4Vs	
	Nominal catch	Dis-cards	Nominal catch	Dis-cards	Nominal catch	Dis-cards	Nominal catch	Dis-cards	Nominal catch	Dis-cards
Cod	26	443	1,145	22	341					264
Haddock		27	7							
Redfish	4	3,506	3,669	2					2,214	
S. hake										
R. hake										
Pollock										
A. plaice	355	763	8	57	2	35	2	181		
Witch		58	198							
Yellowtail	580	15	10						78	
G. halibut			31							
Other Flo.										
RN grenadier										
Other gro'fish	2	95	56		4					
Herring										
Mackerel										
Other Pelagics										
Argentine										
Capelin										
Other Fish										
Squids										
Sampling Rate*	15.1	1.3	5.3	0.6	1.1					

Reported by: D. A. TILLEY

INTERNATIONAL COMMISSION FOR THE NORTHWEST ATLANTIC FISHERIES

ANNUAL RETURN OF INFORMATION ON DISCARDS

(for reporting weights of whole fish thrown overboard at sea)

Year: 1975 Country: Canada (Nfld.) Gear: OT-Side Tonnage Class: 151-500
 Check (✓) method used Logbook Port Interview
 to get information: Boat Observer Other (specify)

TOTAL WEIGHT FOR YEAR BY SPECIES AND/OR SPECIES GROUPS (metric tons round fresh)

Species	Div.: 4Vn		Div.:		Div.:		Div.:	
	Nominal catch	Dis-cards	Nominal catch	Dis-cards	Nominal catch	Dis-cards	Nominal catch	Dis-cards
Cod	151							
Haddock								
Redfish	3,302							
S. hake								
R. hake								
Pollock								
A. plaice	84	2						
Witch	64							
Yellowtail								
G. halibut	13							
Other Flo.								
RN grenadier								
Other gro'fish	15							
Herring								
Mackerel								
Other Pelagics								
Argentine								
Capelin								
Other Fish								
Squids								
Sampling Rate*		2.8						

Reported by: D. A. TILLEY

INTERNATIONAL COMMISSION FOR THE NORTHWEST ATLANTIC FISHERIES

ANNUAL RETURN OF INFORMATION ON DISCARDS

(for reporting weights of whole fish thrown overboard at sea)

Year: 1975 Country: Canada (Nfld.) Gear: OT Stern Tonnage Class: 501-900
 Check (✓) method used Logbook Port Interview
 to get information: Boat Observer Other (specify)

TOTAL WEIGHT FOR YEAR BY SPECIES AND/OR SPECIES GROUPS (metric tons round fresh)

Species	Div.: 3K Nominal Dis- catch cards	Div.: 3L Nominal Dis- catch cards	Div.: 3M Nominal Dis- catch cards	Div.: 3N Nominal Dis- catch cards	Div.: 3O Nominal Dis- catch cards
Cod	7	629	6	108	467
Haddock				1	
Redfish	2	286	259	42	
S. hake					
R. hake					
Pollock					
A. plaice		10,663	352	70	2
Witch		356	383	1	673
Yellowtail		2,229	7	22	1
G. halibut	1	164		6	18
Other Flo.					
RN grenadier					
Other gro'fish		762	3	225	2
Herring					76
Mackerel					
Other Pelagics					
Argentine					
Capelin					
Other Fish					
Squids					
Sampling (%) Rate*	40.4	23.6	35.5	23.6	5.4

Reported by: D.A. TILLEY

INTERNATIONAL COMMISSION FOR THE NORTHWEST ATLANTIC FISHERIES

ANNUAL RETURN OF INFORMATION ON DISCARDS

(for reporting weights of whole fish thrown overboard at sea)

Year: 1975 Country: Canada (Nfld.) Gear: OT Stern Tonnage Class: 501-900
 Check (✓) method used Logbook Port Interview
 to get information: Boat Observer Other (specify)

TOTAL WEIGHT FOR YEAR BY SPECIES AND/OR SPECIES GROUPS (metric tons round fresh)

Species	Div.: 3Ps Nominal Dis- catch cards	Div.: 4R Nominal Dis- catch cards	Div.: 4Vh Nominal Dis- catch cards	Div.: 4Vs Nominal Dis- catch cards	Div.: 4W Nominal Dis- catch cards
Cod	173	531	13	1	19
Haddock	47				
Redfish	345	1,098	14		380
S. hake					
R. hake					
Pollock					
A. plaice	963	17	74	140	1
Witch	557				
Yellowtail	264	1			236
G. halibut					
Other Flo.					
RN grenadier					
Other gro'fish	159				9
Herring					
Mackerel					
Other Pelagics					
Argentine					
Capelin					
Other Fish					
Squids					
Sampling (%) Rate*	5.6	4.7	50.0		8.7

Reported by: D.A. TILLEY

INTERNATIONAL COMMISSION FOR THE NORTHWEST ATLANTIC FISHERIES

ANNUAL RETURN OF INFORMATION ON DISCARDS

(for reporting weights of whole fish thrown overboard at sea)

Year: 1975 Country: Canada (Nfld.) Tonnage Class: 151-500
 Check (✓) method used to get information: Logbook Port Interview Boat Observer Other (specify) _____

TOTAL WEIGHT FOR YEAR BY SPECIES AND/OR SPECIES GROUPS (metric tons round fresh)

Species	Div.: 3L		Div.: 3N		Div.: 3D		Div.: 3P		Div.: 4V	
	Nominal catch	Dis-cards	Nominal catch	Dis-cards	Nominal catch	Dis-cards	Nominal catch	Dis-cards	Nominal catch	Dis-cards
Cod	6		46		5		16		3	
Haddock							4			
Redfish	1						57		101	1
S. hake										
R. hake										
Pollock										
A. plaice	413	34	839	34	199	12	180	3		
Witch			24		39		16		6	
Yellowtail	24	3	508	28	48	1	16	1		
G. halibut										
Other Flo.										
RN grenadier										
Other gro'fish	51		20				6			
Herring										
Mackerel										
Other Pelagics										
Argentine										
Capelin										
Other Fish										
Squids										
Sampling Rate*	96.2		50.5		26.0		44.3			

Reported by: D.A. TILLEY

INTERNATIONAL COMMISSION FOR THE NORTHWEST ATLANTIC FISHERIES

ANNUAL RETURN OF INFORMATION ON DISCARDS

(for reporting weights of whole fish thrown overboard at sea)

Year: 1975 Country: Fed. Rep. Germany Tonnage Class: over 2000 GRT
 Check (✓) method used to get information: Logbook Port Interview Boat Observer Other (specify) _____

TOTAL WEIGHT FOR YEAR BY SPECIES AND/OR SPECIES GROUPS (metric tons round fresh)

Species	Div.: 1E		Div.: 4X		Div.: 5Y		Div.: 5Z	
	Nominal catch	Dis-cards	Nominal catch	Dis-cards	Nominal catch	Dis-cards	Nominal catch	Dis-cards
Cod	2131		2				14	
Haddock							3	
Redfish	860	2						
S. hake			105		11		26	
R. hake							54	
Pollock			19					
A. plaice								
Witch								
Yellowtail								
G. halibut	0							
Other Flo.	24							
RN grenadier								
Other gro'fish	442		108		21			
Herring			189	1	56		20730	29
Mackerel			661		83		383	
Other Pelagics	1						1456	
Argentine								
Capelin								
Other Fish								
Squids					1		27	45
Sampling Rate*	100		100		100		100	

Reported by: Captains of the Fishing Vessels

INTERNATIONAL COMMISSION FOR THE NORTHWEST ATLANTIC FISHERIES

ANNUAL RETURN OF INFORMATION ON DISCARDS

(for reporting weights of whole fish thrown overboard at sea)

Year: 1975 Country: JAPAN Gear: Stern Trawl Tonnage Class:
 Check (✓) method used Logbook Port Interview
 to get information: Boat Observer Other (specify) Discard record

TOTAL WEIGHT FOR YEAR BY SPECIES AND/OR SPECIES GROUPS (metric tons round fresh)

Species	Div.: 3K Nominal catch	Div.: 3L Nominal Dis- cards	Div.: 3N Nominal Dis- catch cards	Div.: 3O Nominal Dis- catch cards	Div.: 3Pn Nominal Dis- catch cards
Cod					
Haddock					
Redfish					
S. hake			7		6
R. hake					
Pollock					
A. plaice					
Witch					
Yellowtail					
G. halibut					
Other Flo.					
RN grenadier					
Other gro'fish					
Herring					
Mackerel					
Other Pelagics					
Argentine		85	2248	750	15
Capelin	62	30		486	160
Other Fish					
Squids				13	
Sampling (X) Rate*					

Reported by: Fisheries Agency

INTERNATIONAL COMMISSION FOR THE NORTHWEST ATLANTIC FISHERIES

ANNUAL RETURN OF INFORMATION ON DISCARDS

(for reporting weights of whole fish thrown overboard at sea)

Year: 1975 Country: JAPAN Gear: Stern Trawl Tonnage Class:
 Check (✓) method used Logbook Port Interview
 to get information: Boat Observer Other (specify) Discard record

TOTAL WEIGHT FOR YEAR BY SPECIES AND/OR SPECIES GROUPS (metric tons round fresh)

Species	Div.: 3Ps Nominal Dis- catch cards	Div.: 4Vs Nominal Dis- catch cards	Div.: 4W Nominal Dis- catch cards	Div.: 4X Nominal Dis- catch cards	Div.: 5Ze Nominal Dis- catch cards
Cod					
Haddock					
Redfish		22	1.8		19
S. hake		44	1.4	10	0.9
R. hake					1
Pollock					1
A. plaice					
Witch					
Yellowtail					
G. halibut					
Other Flo.					
RN grenadier					
Other gro'fish		139	45	92	152
Herring				200	1876
Mackerel					5
Other Pelagics					47
Argentine		2	18	20	
Capelin					
Other Fish					
Squids	54	43	102	293	3531
Sampling (X) Rate*					25.1

Reported by: Fisheries Agency

INTERNATIONAL COMMISSION FOR THE NORTHWEST ATLANTIC FISHERIES

ANNUAL RETURN OF INFORMATION ON DISCARDS

(for reporting weights of whole fish thrown overboard at sea)

Year: 1975 Country: UK Gear: Otter Trawl Tonnage Class: All vessels
 Check (✓) method used Logbook Port Interview
 to get information: Boat Observer Other (specify) _____

TOTAL WEIGHT FOR YEAR BY SPECIES AND/OR SPECIES GROUPS (metric tons round fresh)

Species	Div.: 1C		Div.: 1F		Div.: 3M		Div.:	
	Nominal catch	Dis-cards	Nominal catch	Dis-cards	Nominal catch	Dis-cards	Nominal catch	Dis-cards
Cod								
Haddock								
Redfish	2.5	1.9			561	589		
S. hake								
R. hake								
Pollock								
A. Plaice			0.5	5				
Witch								
Yellowtail								
G. halibut								
Other Flo.								
RN grenadier								
Other gro'fish								
Herring								
Mackerel								
Other Pelagics								
Argentine								
Capelin								
Other Fish								
Squids								
Sampling Rate*								

Reported by: G.J. Turrell

INTERNATIONAL COMMISSION FOR THE NORTHWEST ATLANTIC FISHERIES

ANNUAL RETURN OF INFORMATION ON DISCARDS

(for reporting weights of whole fish thrown overboard at sea)

Year: 1975 Country: JAPAN Gear: Otter Trawl Tonnage Class: _____
 Check (✓) method used Logbook Port Interview
 to get information: Boat Observer Other (specify) Discard record _____

TOTAL WEIGHT FOR YEAR BY SPECIES AND/OR SPECIES GROUPS (metric tons round fresh)

Species	Div.: 5Zw		Div.: 6A		Div.: 6B		Div.: 6C		Div.: Total Area	
	Nominal catch	Dis-cards	Nominal catch	Dis-cards	Nominal catch	Dis-cards	Nominal catch	Dis-cards	Nominal catch	Dis-cards
Cod										
Haddock										
Redfish							59	1.8		
S. hake							55	2.3		
R. hake										
Pollock							1			
A. Plaice										
Witch										
Yellowtail										
G. halibut										
Other Flo.										
RN grenadier										
Other gro'fish	258	57.6	199		394	80.6	122	32	1401	170.2
Herring									2078	
Mackerel	15		51		91				204	21.4
Other Pelagics									3680	
Argentine									56	
Capelin									2881	940
Other Fish										
Squids	187		3047	13.5	6242	343	975	70	14487	451.6
Sampling Rate*										

Reported by: Fisheries Agency

INTERNATIONAL COMMISSION FOR THE NORTHWEST ATLANTIC FISHERIES

ANNUAL RETURN OF INFORMATION ON DISCARDS

(for reporting weights of whole fish thrown overboard at sea)

Year: 1975 Country: USA Gear: Otter Trawl Tonnage Class: Mix
 Check (✓) method used Logbook Port Interview
 to get information: Boat Observer Other (specify)

TOTAL WEIGHT FOR YEAR BY SPECIES AND/OR SPECIES GROUPS (metric tons round fresh)

Species	Div.: 5Y Nominal Dis- catch cards	Div.: 5Ze Nominal Dis- catch cards	Div.: 5ZW Nominal Dis- catch cards	Div.: 6A Nominal Dis- catch cards	Div.: Nominal Dis- catch cards
Cod					
Haddock					
Redfish					
S. hake	5953	4762	3761	1171	1015
R. hake					835
Pollock					1016
A. plaice					3426
Witch					
Yellowtail					
G. halibut					
Other Flo.					
RN grenadier					
Other gro'fish					
Herring					
Mackerel					
Other Pelagics					
Argentine					
Capelin					
Other Fish					
Squids					
Sampling (%) Rate*	8.27	21.31	1.44	0.71	

Reported by: E. D. Anderson

INTERNATIONAL COMMISSION FOR THE NORTHWEST ATLANTIC FISHERIES

ANNUAL RETURN OF INFORMATION ON DISCARDS

(for reporting weights of whole fish thrown overboard at sea)

Year: 1975 Country: USA Gear: Otter Trawl Tonnage Class: MIX
 Check (✓) method used Logbook Port Interview
 to get information: Boat Observer Other (specify)

TOTAL WEIGHT FOR YEAR BY SPECIES AND/OR SPECIES GROUPS (metric tons round fresh)

Species	Div.: 5(E69°) Nominal Dis- catch cards	Div.: 5(M69°) Nominal Dis- catch cards	Div.: 6A Nominal Dis- catch cards	Div.: Nominal Dis- catch cards
Cod				
Haddock				
Redfish				
S. hake				
R. hake				
Pollock				
A. plaice				
Witch	13451	994	5248	212
Yellowtail				532
G. halibut				17
Other Flo.				
RN grenadier				
Other gro'fish				
Herring				
Mackerel				
Other Pelagics				
Argentine				
Capelin				
Other Fish				
Squids				
Sampling (%) Rate*	14.68	10.26	6.98	

Reported by: R. K. Mayo