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QUANTITIES OF FISH DISCARDED AT SEA BY ENGLISH AND WELSH VESSELS IN 1976

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INTRODUCTION

This paper reports the estimated weight of fish discarded at sea by English and Welsh vessels during 1976. The information is collected as a matter of routine as part of the English and Welsh system of collection of fishery statistics. Similar data for 1975 were submitted last year (Holden, 1976).

RESULTS

The estimated quantities discarded are given in Tables 1-6. The 1976 discards are given by month and the 1975 total is given for comparison.

REFERENCES

HOLDEN, M. J., 1976. Quantities of fish discarded at sea by English and Welsh vessels in 1975. ICES CM 1976/D:4, 7 pp (mimeo).

TABLE 1 Estimated quantities in metric tons, gutted weight, of cod discarded at sea by English and Welsh vessels in 1976

Division	Month	J	F	M	A	M	J	J	A	S	O	N	D	Total	
														1976	1975
BOTTOM TRAWL															
I		96.16	8.19	0	0	23.86	12.44	64.53	1.81	0	0	0.66	5.40	213.04	639.6
IIa		6.35	0	0.05	0	8.12	0	0	0	0	0	0.51	0	15.03	
IIb		0	0	0	0	0	55.63	0	6.27	0	0	0	0	61.90	33.4
IVa		0	0	0.05	0	0	3.73	0.16	0	0	0	0	0	3.94	3.9
IVb		0	1.11	0	4.73	4.90	3.12	2.57	1.50	2.53	0	0.99	0	21.45	131.9
IVc		0	0	0	0	1.14	0	0	0	0	0	0	0	1.14	1.0
Va		3.38	0.57	11.81	0	0.38	2.86	0	0	0	0	0	0	19.00	285.0
Vb ₁		0	0.05	0.05	0	0	0	0	0	0	0	0	0	0.10	0.8
Vb ₂		0	0	0	0	0.05	0	0	0	0	0	0	0	0.05	0.1
VIa		0	0.05	0	0.25	0	4.15	1.60	0.05	0	0	0	0	6.10	0.5
VIIa		0.04	0.76	0	0	0	0	1.20	0	0	0	0	0	2.00	5.0
SEINE															
IVa		0	0	0	0	0	0	0	0	0.38	0	0	0	0.38	0.3
IVb		1.14	0	0	0	0.96	3.44	16.52	5.40	1.40	0	0	0	28.76	121.9
PAIR TRAWL															
IVa		0	0	0	0	0	0.38	0	0	0	0	0	0	0.38	2.6
IVb		0	63.50	0.38	0	2.57	15.87	4.47	0	4.00	10.20	0	0	100.99	31.7

TABLE 2 Estimated quantities in metric tons, gutted weight, of haddock discarded at sea by English and Welsh vessels in 1976

Division	Month	J	F	M	A	M	J	J	A	S	O	N	D	Total	
														1976	1975
BOTTOM TRAWL															
I		1.20	0	0	0	0.13	0	0.19	0.10	0.57	0	0	1.13	3.37	16.3
IVa		0	0.08	24.59	23.12	9.47	33.35	47.27	80.32	46.44	81.45	18.92	0.76	265.77	121.2
IVb		2.29	1.46	4.97	4.27	2.08	24.11	238.97	235.51	61.24	19.92	0.99	0	595.21	327.3
IVc		0	0	0	0	0	0.50	0	0	0	0	0	0	0.50	9.7
Va		0	0	0	0	0	3.27	0	0	0	0	0	0	3.27	
Vb ₁		0	0.09	0.40	0	0	0	0	0	0	0	0	0	0.49	2.4
Vb ₂		0	0	0	0.13	0.15	0	0	0.10	0.11	0.63	0.38	0	1.50	3.4
VIa		0	8.90	2.10	4.50	10.68	13.77	4.17	5.13	4.50	11.25	13.50	7.59	88.09	123.0
VIb		0	0	0	0	0.76	0	195.58	207.76	22.69	6.86	0	0	433.65	
SHINE															
IVa		0	0	0	0	0.19	0	0	0	0.38	0	0	0	0.57	
IVb		0	0	0	0	0	0	0	0	1.38	0	0	0	1.38	1.1
PAIR TRAWL															
IVb		0	0	0.38	0	1.14	0.63	0	3.67	4.37	0	0	0	10.19	12.0
IVc		0	0	0	0	0	0	0	1.52	0	0	0	0	1.52	

TABLE 3 Estimated quantities in metric tons, gutted weight, of whiting discarded at sea by English and Welsh vessels in 1976

Division	Month	J	F	M	A	M	J	J	A	S	O	N	D	Total	
														1976	1975
BOTTOM TRAWL															
IVa		0	0	0.18	0.30	0	0	0	1.14	0	0.32	0	0	1.94	0.4
IVb		0	42.98	4.96	3.39	2.33	0	2.00	3.71	5.98	1.77	0	0	67.03	16.4
VIa		2.94	9.55	9.80	3.92	9.81	13.58	1.69	0.48	5.67	2.54	2.60	2.82	65.40	59.4
VIIa		0.46	2.68	19.77	24.16	23.18	7.69	29.76	20.38	25.85	10.71	15.55	7.54	187.73	118.9
VIIb		0	0	3.12	2.29	0.11	1.18	0	1.05	0.75	1.10	0	0	9.60	22.1
VIIg		0	0	0	0	0	0	0.08	0	0.84	0	0.04	0.92	1.88	6.3
PAIR TRAWL															
IVb		0	0	0	0	0	0	2.95	3.13	1.14	8.40	0	0	15.67	5.5

TABLE 5 Estimated quantities in metric tons, gutted weight, of long rough dab and dabs (species unspecified) discarded at sea by English and Welsh vessels in 1976

Division	Month	J	F	M	A	M	J	J	A	S	O	N	D	Total	
														1976	1975
LONG ROUGH DAB															
I	C	0	0	0	0	0	0	0	0	7.43	0	0	0.19	7.62	1.0
IIa	C	0	0	0	0	0	0	0	0	0	0	0	0.07	0.07	
Va	C	0.57	0.72	2.47	0.32	0	1.90	0	0	0	0.15	0.76	0	6.89	4.3
DABS (OTHER)															
I		13.25	0	0	0	0	0	0	0	0	2.75	0	0	16.0	14.5
IVb		16.08	7.05	104.14	32.95	42.00	0.18	1.17	52.60	2.27	25.98	94.15	39.75	418.32	443.0
IVc	C	0	0	0	0	0	0.30	0	0	2.66	0	1.52	1.83	6.31	6.6
Va	C	0	0	0	0	0	0	0	0	0	14.51	1.33	0	15.84	
VIIa	C	0.08	1.48	1.59	21.69	19.11	43.19	69.15	250.23	31.99	12.50	12.12	0.68	463.81	251.0
VIIId	C	0	0	0	0	0.02	0	0	0	0	0	0	0	0.02	
VIIIf	C	0.11	0	22.34	2.29	0	4.99	0	1.96	2.68	2.53	0.65	0	37.60	101.6
VIIIf	C	0	0	0	0	0	0	0	0	0.84	0	0	0	0.84	5.6
SEINE															
DABS (OTHER)															
IVa	C	0	0	0	0	0.32	0	0	0	0	0	0	0	0.32	
IVb	C	0	0	0	0	3.37	0	0	1.05	1.71	0	0	0	6.13	17.0
IVc	C	0	0	0	0	0.32	0	0	0	0	0	0	0	0.32	
PAIR TRAWL															
DABS (OTHER)															
IVb	C	0	0	0	0	0.57	0	0	1.27	0	0	0	0	1.84	

TABLE 6 Estimated quantities in metric tons, gutted weight, of plaice and sole discarded at sea by English and Welsh vessels in 1976

Division	Month	J	F	M	A	M	J	J	A	S	O	N	D	Total	
														1976	1975
TRAWL															
PLAICE															
I		0	0	0	0	7.62	11.07	0	0	0	0	0	1.32	20.01	7.8
IVa		0	0	0.19	1.34	0	7.37	0	0	0	0	0.91	0	9.81	
IVb		0	13.68	6.41	2.22	10.92	20.54	14.90	6.47	1.90	7.66	88.43	3.57	176.70	560.6
IVc		0	0	0	5.71	0.46	0.04	4.00	0	1.32	1.01	1.52	0	14.06	16.0
VIa		0	0.64	0	0.13	0	0	0	1.78	0	0	0	1.59	4.14	9.2
VIIa		1.65	2.23	0.28	9.26	12.99	3.73	12.90	0	8.94	3.27	0.11	0.04	55.40	103.0
VIIId		0	0.01	0.03	0	0.06	0	0	0	0	0	0	0	0.10	
VIIIf		0	0	7.28	2.29	0	0.61	0	1.83	1.24	1.48	0	0.34	15.07	21.3
SOLES															
IVc		0	0	0	0	0.75	0.23	0	0	1.22	0	0	0	2.20	
VIIa		0	0	0	0	0.08	0	0.85	0.63	0.22	0.10	0.22	0	2.10	4.0
VIIIf		0	0	0	0	0	0	0	0	0	0	0.46	0	0.46	
SEINE															
PLAICE															
IVb		0	0	9.64	3.48	4.57	0	4.32	0.32	0	0.35	0.56	0	23.24	20.1
VIIa		0	0	2.56	6.31	0	1.90	1.14	1.92	1.34	0.26	2.41	0	17.84	59.3