
DEPARTMENT OF TRADE

Casualties to Vessels and Accidents to Men

Vessels registered in the United Kingdom
Return for 1975

LONDON
HER MAJESTY'S STATIONERY OFFICE

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VESSELS REGISTERED IN THE UNITED KINGDOM

RETURN FOR 1975

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– nil or negligible		

The Department of Trade would be glad to hear from users of the Annual Return with any suggestions aimed at improving the coverage and format of this publication. Please write to:

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Part I Merchant Vessels

Introduction

This part of the return consists of statistics of wrecks and other casualties reported to the Department which occurred during the year 1975 to merchant ships registered in the United Kingdom under Part 1 of the Merchant Shipping Act 1894, and of deaths of seamen and passengers reported in such vessels. Deaths of seamen ashore in the United Kingdom are excluded.

The tables in this return relating to vessel casualties refer, unless otherwise stated, only to power-driven vessels of 100 gross tons and over. On the other hand the deaths shown in the return relate to power-driven vessels (other than yachts) of all sizes.

Commentary

Although the tonnage of power-driven vessels, other than fishing vessels, lost in 1975, totalled 92,894 gross tons and was the highest since 1944, and the tonnage which suffered serious casualties for the same period totalled 83,957 gross tons and appeared to be the fourth lowest on record, these two diverse figures cannot be taken as a true representation of the situation. One must realise the close relationship between total losses and serious casualties, and moreover, the increasing number of serious casualties that become 'constructive total losses'. Therefore, if one considers total losses and serious casualties as a whole, one finds that the gross tonnage involved was lower than average but not significantly different from the other years on record.

Vessels totally lost

The total tonnage lost, in 1975, for vessels of 100 gross tons and over was 92,485 gross tons (see following Table and Table 2(a)). Four vessels, *William Wheelwright* (30,976 gross tons), *British Ambassador* (27,114 gross tons), *Forthfield* (12,129 gross tons) and *Lindenbank* (8,380 gross tons) accounted for eighty-five per cent of the total tonnage lost.

The following table also shows the gross tonnage of power-driven merchant vessels lost in the period 1966 to 1975 expressed as a percentage of the gross tonnage of vessels on the Register at the end of these years at ports in the United Kingdom.

Although not all vessels on the Register are in active employment throughout the year, the tonnage of vessels on the Register provides a good indication of the vessels at risk with which the figures of casualties can be compared.

Losses of power-driven ships registered under Part I of the Merchant Shipping Act 1894

Year	Number of ships		Gross tonnage		Percentage of tonnage registered ¹	
	All vessels	100 GRT and over	All vessels	100 GRT and over	All vessels	100 GRT and over
1966	16	7	30,791	30,594	0.14	0.14
1967	26	10	9,692	9,358	0.04	0.04
1968	24	5	11,484	10,870	0.05	0.04
1969	23	6	13,708	13,298	0.06	0.06
1970	28	9	49,559	49,188	0.19	0.19
1971	29	11	44,453	44,101	0.16	0.16
1972	27	11	26,133	25,782	0.09	0.09
1973	40	19	36,415	35,947	0.12	0.12
1974	26	10	4,937	4,514	0.01	0.01
1975	32	17	92,894	92,485	0.27	0.28

¹ Gross tonnage lost expressed as a percentage of the total tonnage on the register at 31 December each year.

Details of individual ships lost during 1975

Date	Name of vessel	Type of vessel	Age (years)	Gross tonnage	Description of loss
January 13	mv <i>British Ambassador</i>	Tanker	17	27,114	Foundering
January 14	mv <i>Gallic Stream</i>	Cargo	4	1,594	Foundered after stranding with engine trouble
January 25	mv <i>Lovat</i>	Cargo	13	1,093	Foundering
January 27	mv <i>Forthfield</i>	Tanker	20	12,129	Stranding ²
January 29	mv <i>Angmering</i>	Cargo	10	1,600	Stranding
January 31	mv <i>Esso Preston</i>	Tanker	19	1,965	Stranding ²
February 4	mv <i>Lisa - A</i>	Cargo	26	380	Foundering
May 31	mv <i>Maldiva Mail</i>	Cargo	20	3,597	Fire ³
July 15	mv <i>Pointlaw</i>	Tanker	8	1,542	Stranding ²
July 20	mv <i>Herma - A</i>	Cargo	31	411	Foundering
August 4	mv <i>Raylight</i>	Cargo	12	177	Stranding
August 17	mv <i>Lindenbank</i>	Cargo	14	8,380	Stranding ²
August 20	mv <i>Lady Sorcha</i>	Cargo	15	344	Collision
September 2	mv <i>L M Gemsbok</i>	Salvage vessel ⁴	10	314	Capsizing
October 3	mv <i>Ataarid</i>	Tanker	8	497	Foundering
December 13	mv <i>Norman</i>	Tug	7	372	Foundering
December 26	mv <i>William Wheelwright</i>	Tanker	15	30,976	Stranding ²

² Constructive total losses (MV *Esso Preston*, MV *Forthfield*, and MV *William Wheelwright* sold as scrap).

³ Vessel anchored while crew abandoned ship; dragged anchor; stranded and subsequently broke in two.

⁴ Buoy ship in use as a salvage vessel.

Casualties other than total losses

The following table shows the number and gross tonnage of power-driven merchant vessels which suffered serious casualties in the period 1966–1975. For the purpose of this return the expression ‘serious casualty’ means any casualty:

(a) where the vessel is in danger of becoming a total loss, for instance where salvage assistance is required; or

(b) where serious damage is sustained so as to affect the seaworthiness of the vessel; or

- (c) where the vessel is sunk, but as far as is known, has been subsequently raised and repaired; or
- (d) where human life is lost; or
- (e) where serious financial loss occurs in relation to the size and value of the vessel.

Serious casualties to power-driven ships registered under Part I of the Merchant Shipping Act 1894

Year	Number of ships		Gross tonnage		Percentage of tonnage registered ⁵	
	All vessels	100 GRT and over	All vessels	100 GRT and over	All vessels	100 GRT and over
1966	21	10	36,408	36,084	0.17	0.17
1967	23	16	172,154	172,001	0.79	0.80
1968	26	22	163,037	162,936	0.72	0.73
1969	29	19	177,059	176,862	0.74	0.75
1970	13	9	250,608	250,555	0.97	0.98
1971	19	11	167,155	166,990	0.61	0.61
1972	12	9	250,317	250,218	0.86	0.87
1973	25	22	241,070	240,880	0.78	0.78
1974	17	14	194,598	194,574	0.59	0.60
1975	17	12	83,957	83,887	0.25	0.25

⁵ Gross tonnage seriously damaged expressed as a percentage of the total tonnage on the Register at 31 December each year.

The total tonnage involved in serious casualties, in 1975, for vessels of 100 gross tons and over was 83,887 which compares with the average over the previous ten years of 181,985 gross tons. The tonnage as a proportion of the registered fleet, as shown above, has not exceeded 1 per cent in any year. Explosions and fires accounted for casualties to eight vessels (no tankers) amounting to 69,325 gross tons or eighty-three per cent of the total (see table 2(b)).

The number of minor casualties to power-driven vessels which were reported in 1975 was 973 of which 917 related to vessels of 100 gross tons and over (see Tables 6a and b). Corresponding figures for 1974 were 996 and 911 respectively.

Formal investigations into casualties

Formal investigations were ordered to be held into the causes of the following casualties which occurred during 1975.

Name of vessel	Gross tonnage	Nature of casualty	Lives lost	Report number
<i>Lovat</i>	1,093	Foundering	11	NA
<i>Lindenbank</i>	8,380	Stranding	—	NA
<i>L. M. Gemsbok</i> ⁶	314	Capsizing	8	NA

⁶ The South African authorities ordered the Formal Investigation into the circumstances surrounding the loss of this ship.

Loss of life

There were 235 deaths among crews of power-driven merchant vessels of all sizes in 1975; the lowest figure recorded during the 20 years between 1955 and 1975 inclusive was 227 in 1973. No deaths were recorded in respect of merchant sailing vessels nor on vessels provisionally registered in the United Kingdom in 1975.

The 33 deaths from casualties to vessels in 1975 was, with the exception of 1972, when all 64 crew on board the *Royston Grange* were lost, the highest figure since 1967, when 45 deaths were recorded. 1975 saw the total loss of the mv *Lovat* and the mv *L M Gemsbok*, in which 11 and 8 lives were lost respectively. During the 10 years covered by Table 14, 1972 and 1966, with the loss of 75 and 68 lives, were years with exceptionally heavy losses as a result of casualties.

Of the deaths due to other accidents in 1975 shown below, 6 were crew members missing at sea; there were 38 from accidents aboard ship and 27 from accidents ashore (see Tables 8 and 9). There were 26 suicides and homicides (see Tables 8 and 9) during the year and 105 deaths from disease (see Tables 8, 11, 12 and 13).

The classification of deaths from disease is based on the *Manual of the International Statistical Classification of Diseases, Injuries and Causes of Death – Sixth Revision*, adopted in 1948 by the World Health Organisation, Geneva.

Complete statistics are not available as deaths of seamen occurring ashore, after discharge in the United Kingdom – even though due to accidents sustained at sea – are not reported to the Registrar-General of Shipping and Seamen. Statistics relating to non-fatal injuries to merchant seamen are not available as there is currently no requirement for them to be reported to the Department.

Cause of death	Yearly average 1934 to 1938	Yearly average 1965 to 1969	Yearly average 1970 to 1974	Year 1974	Year 1975			
				Total	Total	British	Foreign	Seamen on Asiatic agreements
Casualties to vessels	82	30	31	13	33	25	–	8
Other accidents	227	88	70	75	71	50	11	10
Disease, homicide or suicide	492	178	153	142	131	86	–	45
Total	801	296	254	230	235	161	11	63
<i>of which:</i>								
Seamen on Asiatic agreements	193	90	70	60	–	–	–	63

Table 1

Vessels on United Kingdom register* number by tonnage and age groups
(at 31 December 1975)

<i>Tonnage groups (Gross tons)</i>	<i>At 31 December 1975</i>	<i>Age groups</i>		<i>At 31 December 1975</i>
		Exceeding	Not exceeding	
100 and under 500	1,089	—	5 years	813
500 and under 2,000	804	5	10 years	732
2,000 and under 4,000	138	10	15 years	663
4,000 and under 6,000	135	15	20 years	520
6,000 and under 8,000	148	20	25 years	277
8,000 and under 10,000	184	25 years		267
10,000 and over	784	Age unknown		10
<i>Total</i>	<i>3,282</i>		<i>Total</i>	<i>3,282</i>

*Other than sailing and fishing vessels and pleasure craft.

Table 2

Total losses and serious casualties: number by tonnage and age groups

A Total losses — 1975

		<i>All ships</i>													<i>Total 1975</i>	<i>Total 1974</i>	
		<i>Laden</i>						<i>In ballast</i>									
		<i>Foundering</i>	<i>Strandings</i>	<i>Collisions</i>	<i>Missing</i>	<i>Explosions and fires</i>	<i>Other casualties</i>	<i>Total</i>	<i>Foundering</i>	<i>Strandings</i>	<i>Collisions</i>	<i>Missing</i>	<i>Explosions and fires</i>	<i>Other casualties</i>	<i>Total</i>		
Tonnage groups																	
	100 and under 500 gross tons	1	—	1	—	—	1	3	3	1	—	—	—	—	4	7	7
	500 and under 2,000 gross tons	1	1	—	—	—	—	2	—	2	—	—	—	1	3	5*	3†
	2,000 and under 4,000 gross tons	—	—	—	—	1	—	1	—	—	—	—	—	—	—	1	—
	4,000 and under 6,000 gross tons	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	6,000 and under 8,000 gross tons	—	1	—	—	—	—	1	—	—	—	—	—	—	—	1	—
	8,000 and under 10,000 gross tons	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	10,000 gross tons and over	1	1	—	—	—	—	2	—	1	—	—	—	—	1	3	—
	<i>Total</i>	3	3	1	—	1	1	9	3	4	—	—	—	1	8	17	10
Age groups																	
<i>Exceeding</i>	<i>Not exceeding</i>																
—	5 years	—	—	—	—	—	—	—	—	—	—	—	—	1	1	1	1
5	10 years	—	1	—	—	—	1	2	2	1	—	—	—	—	3	5	3
10	15 years	1	1	1	—	—	—	3	—	2	—	—	—	—	2	5	1
15	20 years	1	1	—	—	1	—	3	—	1	—	—	—	—	1	4	1
20	25 years	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1
25 years		1	—	—	—	—	—	1	1	—	—	—	—	—	1	2	3
	<i>Total</i>	3	3	1	—	1	1	9	3	4	—	—	—	1	8	17	10

*Two over 1,600 gross tons.

†All under 1,600 gross tons.

B. Serious Casualties* — 1975

		<i>All ships</i>										<i>Total 1975</i>	<i>Total 1974</i>		
		<i>Laden</i>					<i>In ballast</i>								
		<i>Foundering</i>	<i>Strandings</i>	<i>Collisions</i>	<i>Explosions and fires</i>	<i>Other casualties</i>	<i>Total</i>	<i>Foundering</i>	<i>Strandings</i>	<i>Collisions</i>	<i>Explosions and fires</i>	<i>Other casualties</i>	<i>Total</i>		
Tonnage groups															
	100 and under 500 gross tons	—	1	—	—	—	1	—	—	1	—	—	1	2	3
	500 and under 2,000 gross tons	—	—	—	1	—	1	—	1	—	2	—	3	4†	3†
	2,000 and under 4,000 gross tons	—	—	—	—	—	—	—	—	—	1	—	1	1	1
	4,000 and under 6,000 gross tons	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	6,000 and under 8,000 gross tons	—	—	—	—	—	—	—	—	—	—	—	—	—	1
	8,000 and under 10,000 gross tons	—	—	—	1	—	1	—	—	—	—	—	—	1	—
	10,000 gross tons and over	—	—	—	1	2	3	—	—	—	1	—	1	4	6
	<i>Total</i>	—	1	—	3	2	6	—	1	1	4	—	6	12	14
Age groups															
	<i>Exceeding</i>														
	—														
	5														
	10														
	15														
	20														
	25 years														
	—														
	5 years	—	—	—	2	—	2	—	—	—	2	—	2	4	3
	10 years	—	—	—	—	—	—	—	1	—	—	—	1	1	3
	15 years	—	1	—	1	1	3	—	—	1	1	—	2	5	3
	20 years	—	—	—	—	1	1	—	—	—	—	—	—	1	2
	25 years	—	—	—	—	—	—	—	—	—	1	—	1	1	1
	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2
	<i>Total</i>	—	1	—	3	2	6	—	1	1	4	—	6	12	14

*For definition of 'serious casualty' see page 2.

†One over 1,600 gross tons.

Table 3

Yearly analysis of total losses: number and gross tonnage — 1966 to 1975

	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975
Number										
Founderings	2	3	2	3	5	4	3	4	3	6
Strandings	4	4	1	1	3	4	1	5	1	7
Collisions	—	1	—	—	—	1	3	3	2	1
Missing	—	1	—	—	—	—	—	—	—	—
Explosions and fires	1	1	2	2	1	—	3	4	2	1
Other casualties	—	—	—	—	—	2	1	3	2	2
<i>Total</i>	7	10	5	6	9	11	11	19	10	17
Number per 1,000 vessels at risk	1.7	2.5	1.3	1.6	2.5	3.1	3.3	5.7	3.0	5.2
Gross tonnage										
Founderings	947	664	488	1,207	17,524	2,361	716	1,750	835	29,867
Strandings	11,102	1,543	532	1,178	30,965	24,282	2,148	10,183	334	56,769
Collisions	—	230	—	—	—	251	11,209	12,890	994	344
Missing	—	6,656	—	—	—	—	—	—	—	—
Explosions and fires	18,545	265	9,850	10,913	699	—	11,000	8,071	1,271	3,597
Other casualties	—	—	—	—	—	17,207	709	3,048	1,080	1,908
<i>Total</i>	30,594	9,358	10,870	13,298	49,188	44,101	25,782	35,942	4,514	92,485
Tonnage per 1,000 gross tons at risk	1.4	0.4	0.4	0.6	1.9	1.6	0.9	1.2	0.1	2.8
Merchant vessels of 100 gross tons and over on the United Kingdom register at the end of each year										
Number	4,086	3,956	3,812	3,779	3,634	3,528	3,364	3,355	3,343	3,282
Thousand gross tons	21,429	21,367	22,121	23,577	25,352	26,951	28,577	30,735	32,681	33,511

CHART A (see table 3) – TOTAL LOSSES

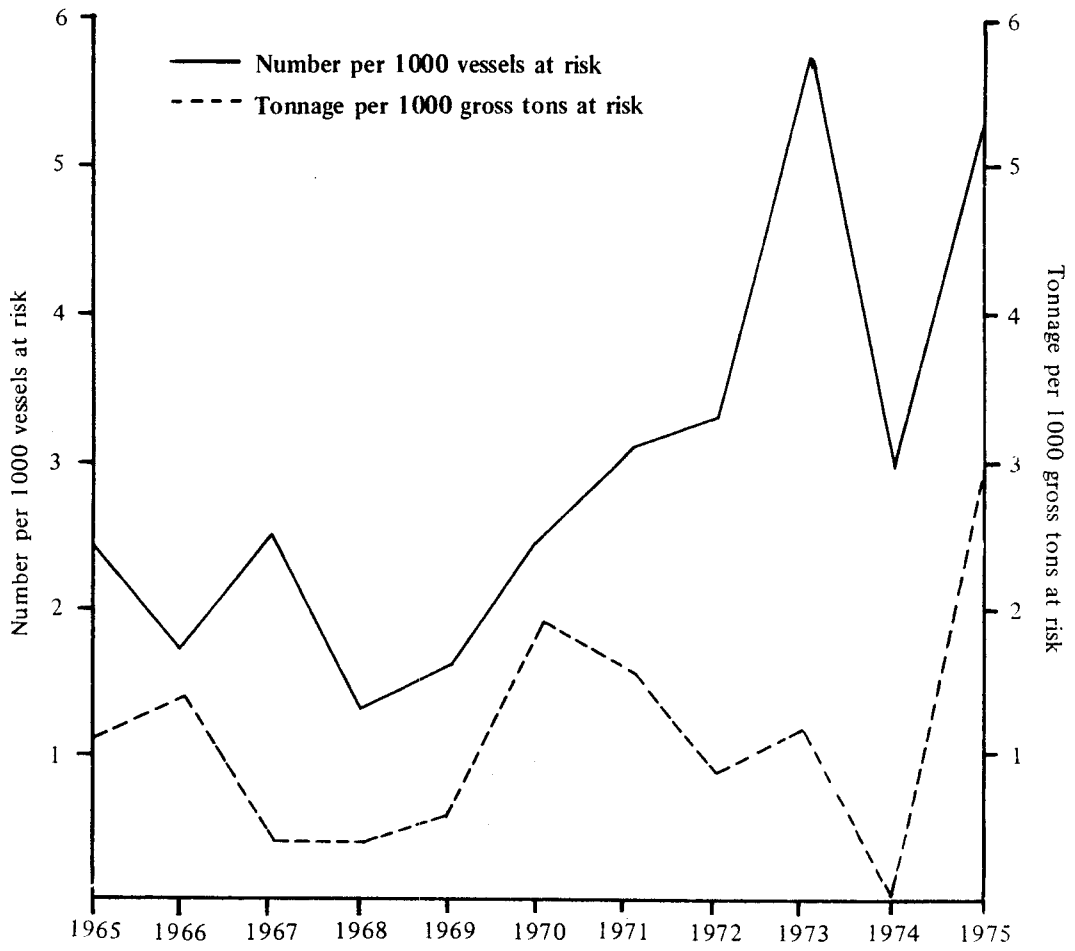


Table 4

Yearly analysis of serious casualties: number and gross tonnage – 1966 to 1975

	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975
Number										
Foundering	—	3	2	2	—	4	2	1	—	—
Strandings	2	1	4	4	2	1	1	3	3	2
Collisions	6	3	4	7	2	—	—	5	1	1
Explosions and fires	2	9	11	6	5	4	5	8	7	7
Other casualties	—	—	1	—	—	2	1	5	3	2
<i>Total</i>	10	16	22	19	9	11	9	22	14	12
Number per 1,000 vessels at risk	2.5	4.0	5.8	5.0	2.5	3.1	2.7	6.6	4.2	3.7
Gross tonnage										
Foundering	—	9,692	10,783	759	—	944	1,327	118	—	—
Strandings	21,497	7,119	22,165	7,761	139,650	8,116	525	88,522	7,205	1,533
Collisions	13,168	9,117	22,115	22,307	12,604	—	—	11,595	16,704	229
Explosions and fires	1,419	146,073	107,576	146,035	98,301	134,990	237,440	110,180	157,318	53,391
Other casualties	—	—	297	—	—	22,940	10,926*	30,465	13,347	28,734
<i>Total</i>	36,084	172,001	162,936	176,862	250,555	166,990	250,218	240,880	194,574	83,887
Tonnage per 1,000 gross tons at risk	1.7	8.0	7.3	7.5	9.8	6.1	8.7	7.8	6.0	2.5
Merchant vessels of 100 gross tons and over on the United Kingdom register at the end of each year										
Number	4,086	3,946	3,812	3,779	3,634	3,528	3,364	3,335	3,343	3,282
Thousand gross tons	21,429	21,367	22,121	23,577	25,353	26,951	28,577	30,735	32,681	33,511

*Revised figure.

CHART B (see table 4) – SERIOUS CASUALTIES

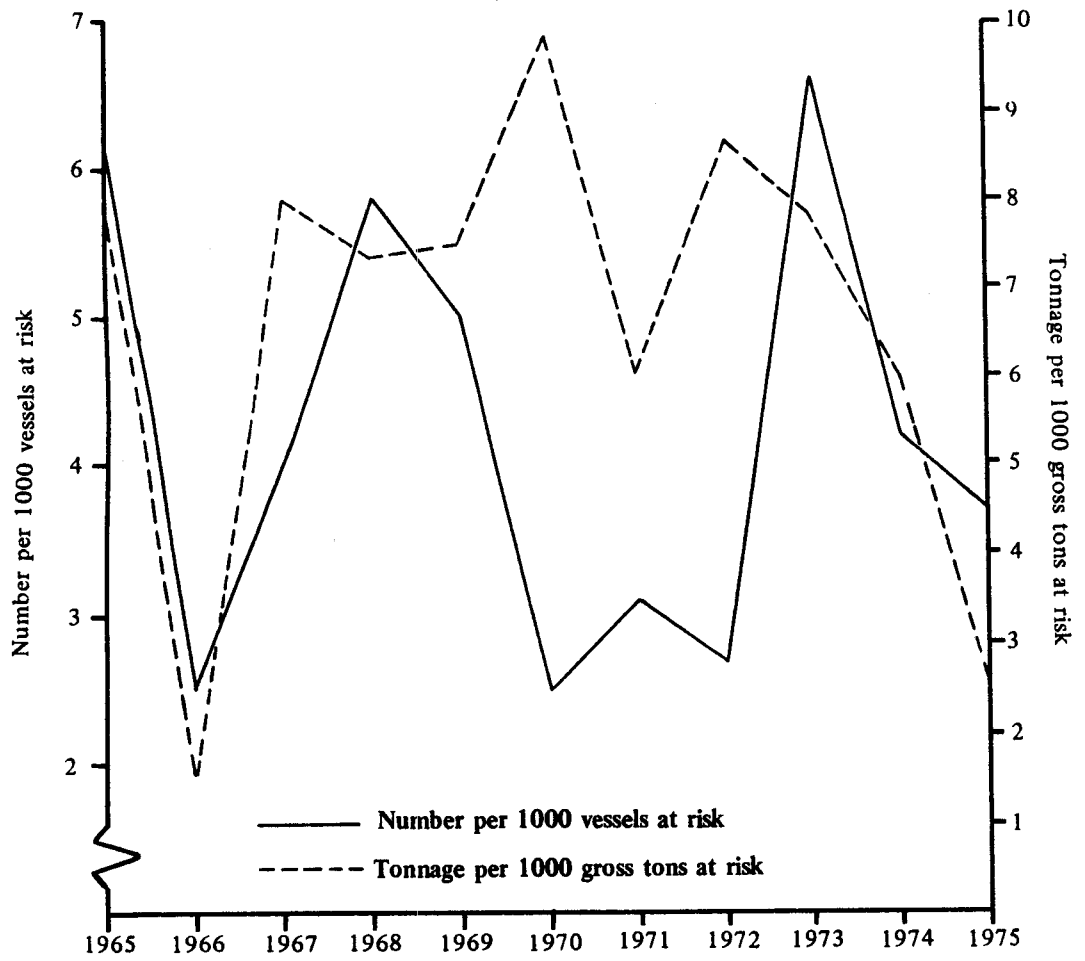


Table 5

Total losses and serious casualties: main causes – 1975

Cause of casualty	Nature of casualty							Total 1975	Total 1974
	Foundering	Stranding	Collisions	Fires	Explosions	Capsizings	Others		
Navigation									
Striking uncharted objects	–	–	–	–	–	–	–	–	1
Passage through ice	–	–	–	–	–	–	–	–	–
Other causes	–	5	2	–	–	–	–	7	2
<i>Total</i>	–	5	2	–	–	–	–	7	3
Fires and explosions									
In machinery spaces	–	–	–	4	–	–	–	4	4
In accommodation	–	–	–	2	–	–	–	2	1
In cargo spaces	–	–	–	1	–	–	–	1	–
In pump room	–	–	–	–	–	–	–	–	2
In service and other spaces	–	–	–	–	1	–	–	1	1
<i>Total</i>	–	–	–	7	1	–	–	8	8
Floodings and lists									
Improper stowage of cargo	–	–	–	–	–	1	–	1	–
Incorrect ballasting or fuelling sequence	–	–	–	–	–	–	–	–	–
Closing appliances improperly closed	–	–	–	–	–	–	–	–	–
Hull defects	–	–	–	–	–	–	–	–	2
Other causes (including shift of cargo)	2	–	–	–	–	–	1	3	2
<i>Total</i>	2	–	–	–	–	1	1	4	4
Equipment, machinery, etc									
Machinery and boilers	–	–	–	–	–	–	2	2	2
Steering	–	1	–	–	–	–	–	1	–
Propeller or propeller shaft	–	–	–	–	–	–	–	–	–
Other equipment or machinery	–	–	–	–	–	–	–	–	–
<i>Total</i>	–	1	–	–	–	–	2	3	2
Weather conditions									
Heavy weather	4	2	–	–	–	–	–	6	6
Fog	–	1	–	–	–	–	–	1	–
Abnormal tides or currents	–	–	–	–	–	–	–	–	–
<i>Total</i>	4	3	–	–	–	–	–	7	6
Cause unknown	–	–	–	–	–	–	–	–	1
Grand Total 1975	6	9	2	7	1	1	3	29	
of which human error contributed	–	4	1	–	–	1	–	6	
Grand Total 1974	3	4	3	5	4	2	3		24
of which human error contributed	2	–	–	3	–	1	1		7

CHART C (see table 5)

**TOTAL LOSSES AND SERIOUS CASUALTIES
TO MERCHANT VESSELS:
BY NATURE OF CASUALTY – 1975**

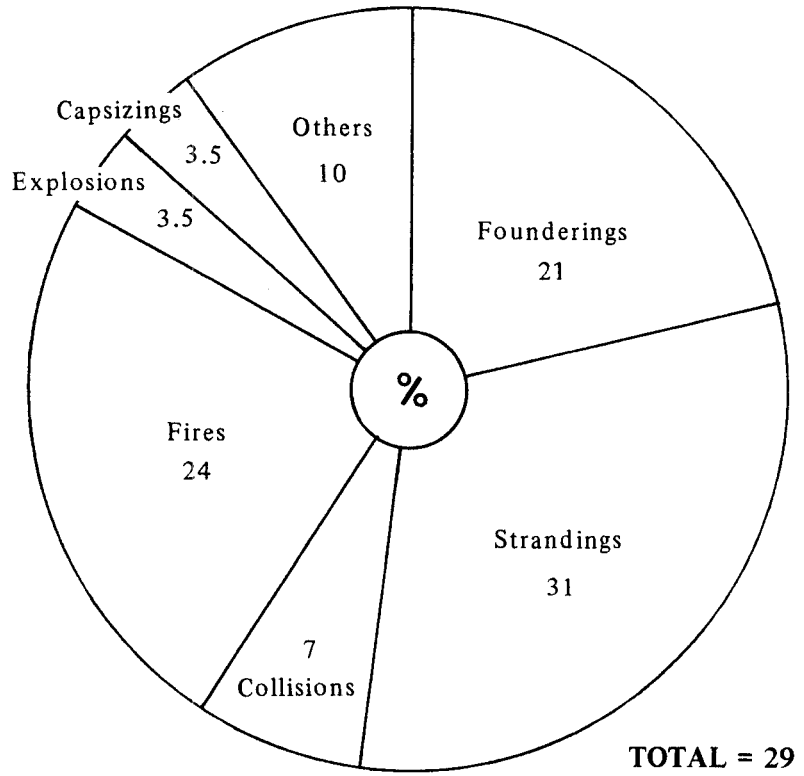


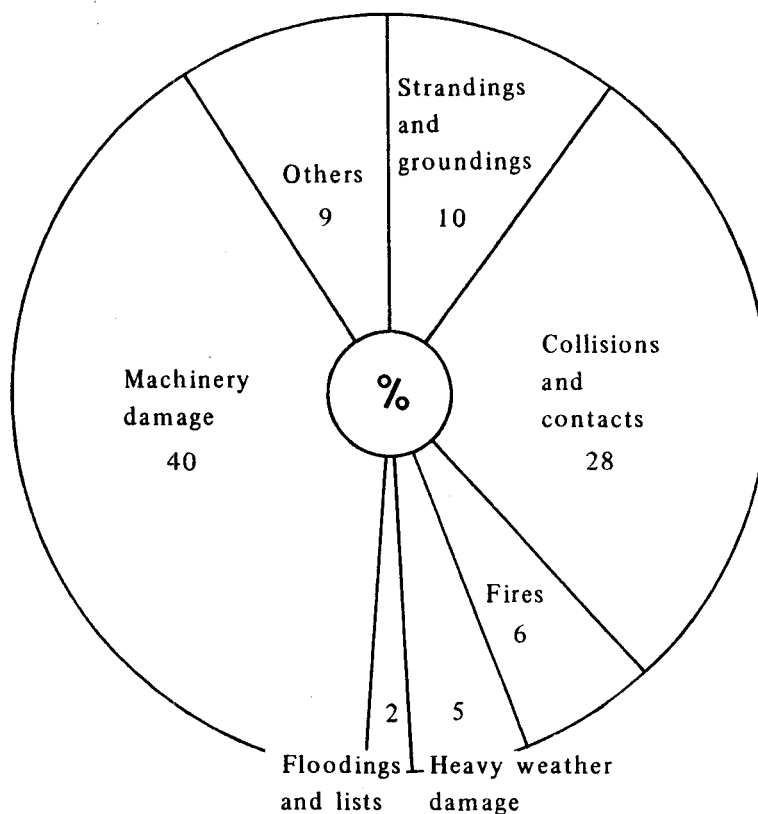
Table 6(a)

Minor casualties: nature of casualty (a) by cause — 1975

(a) Cause of casualty	Nature of casualty							Total 1975	Total 1974
	Strand- ings and ground- ings	Colli- sions and contacts	Fires and explo- sions	Heavy weather damage	Flood- ings and lists	Mach- inery damage	Others		
Navigation									
Striking uncharted objects	—	7	—	—	—	1	—	8	7
Passage through ice	—	2	—	—	—	1	5	8	6
Other causes	30	171	—	—	—	—	—	201	151
<i>Total</i>	30	180	—	—	—	2	5	217	164
Fires & explosions									
In machinery spaces	—	—	23	—	—	—	—	23	20
In accommodation	—	—	4	—	—	—	—	4	7
In cargo spaces	—	—	11	—	—	—	—	11	11
In pump room	—	—	4	—	—	—	—	4	3
In service and other spaces	—	—	14	—	—	—	—	14	2
<i>Total</i>	—	—	56	—	—	—	—	56	43
Floodings & lists									
Improper stowage of cargo	—	—	—	—	3	—	—	3	1
Incorrect ballasting or fuelling sequence	—	—	—	—	—	—	—	—	—
Closing appliances improperly closed	—	—	—	—	—	—	—	—	—
Hull defects	—	—	—	—	1	—	—	1	2
Other causes	—	—	—	—	10	—	—	10	10
<i>Total</i>	—	—	—	—	14	—	—	14	13
Equipment, machinery, etc									
Machinery and boilers	1	8	—	—	—	293	—	302	394
Steering	4	5	—	—	—	19	—	28	18
Propeller or propeller shaft	—	2	—	—	—	17	1	20	11
Other equipment or machinery	1	1	—	—	—	36	3	41	10
<i>Total</i>	6	16	—	—	—	365	4	391	433
Weather conditions									
Heavy weather	2	3	—	46	2	1	—	54	66
Fog	2	6	—	—	—	—	—	8	9
Abnormal tides or currents	2	5	—	1	1	—	—	9	2
<i>Total</i>	6	14	—	47	3	1	—	71	77
Miscellaneous known causes									
Miscellaneous known causes	17	23	—	—	—	—	51	91	70
Cause unknown	32	22	—	—	—	—	23	77	111
Grand Total 1975	91	255	56	47	17	368	83	917	
Grand Total 1974	80	224	43	59	14	422	69		911

CHART D (see table 6(a))

MINOR CASUALTIES TO MERCHANT VESSELS:
BY NATURE OF CASUALTY – 1975



TOTAL = 917

Table 6(b)

Minor casualties: nature of casualty (b) by type of vessel – 1975

(b) Type of vessel	Nature of casualty							Total 1975	Total 1974
	Strandings and groundings	Collisions and contacts	Fires and explosions	Heavy weather damage	Floodings and lists	Machinery damage	Others		
Passenger*	2	14	3	2	1	13	4	39	49
Dry cargo*	66	189	40	36	16	294	66	707	697
Tanker	23	52	13	9	—	61	13	171	165
All vessels 1975	91	255	56	47	17	368	83	917	
All vessels 1974	80	224	43	59	14	422	69		911

* For the purpose of this return, the expression 'passenger ship' means any vessel permitted to carry more than 12 passengers and 'dry cargo ship' means any cargo vessel other than a tanker.

Table 7

Yearly analysis of minor casualties: number of vessels and number per thousand vessels at risk* – 1966 to 1975

	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975
Strandings and groundings	108	69	109	104	116	91	108	101	80	91
Collisions and contacts	270	203	294	206	195	170	270	235	224	255
Fires and explosions	92	74	103	86	86	68	65	61	43	56
Other casualties	783	629	750	885	745	666	530	460	564	515
<i>Total</i>	1,253	975	1,256	1,281	1,142	995	973	857	911	917
Number per thousand vessels at risk	307	246	329	339	314	282	289	255	273	279
Merchant vessels of 100 gross tons and over on the United Kingdom register at the end of each year										
Number	4,086	3,956	3,812	3,779	3,634	3,528	3,364	3,355	3,343	3,282

*Other casualties: includes heavy weather damage, flooding and lists, machinery damage and other minor casualties not included in any categories mentioned. (See Tables 6(a) and (b).)

CHART E (see table 7) – MINOR CASUALTIES



Table 8

Deaths among crews from all causes — 1975

Cause of death	Officers and ratings*			Seamen on Asiatic agreements			All seamen			Total 1974
	Deaths at sea	Deaths in river or harbour	Total	Deaths at sea	Deaths in river or harbour	Total	Deaths at sea	Deaths in river or harbour	Total 1975	
Deaths from casualties to vessels:										
Founderings	20	--	20	4	--	4	24	--	24	7
Strandings	--	--	--	--	--	--	--	--	--	--
Collisions	1	--	1	--	--	--	1	--	1	--
Missing vessels	--	--	--	--	--	--	--	--	--	--
Explosions and fires	2	2	4	--	3	3	2	5	7	6
Other casualties	--	--	--	--	1	1	--	1	1	--
<i>Total</i>	23	2	25	4	4	8	27	6	33	13
Deaths from accidents other than casualties to vessels:										
Accidents on board	15	16	31	3	4	7	18	20	38	34†
Accidents ashore	--	25	25	--	2	2	--	27	27	30†
Deaths from homicide	--	3	3	--	1	1	--	4	4	7
Deaths from suicide	13	4	17	4	1	5	17	5	22	17
Missing at sea	5	--	5	1	--	1	6	--	6	11
Deaths from disease	33	34	67	16	22	38	49	56	105	118
<i>Total 1975</i>	89	84	173	28	34	62	117	118	235	
<i>Total 1974</i>	76	94	170	24	36	60	100	130		230

*Excluding seamen on Asiatic agreements.

†Revised figure.

Table 9

Deaths among crews other than from disease: detailed causes – 1974 and 1975

	<i>Casualties to vessels</i>															<i>Total</i>					
	<i>Foundering</i>	<i>Strandings</i>	<i>Collisions</i>	<i>Missing vessels</i>	<i>Explosions and fires</i>	<i>Other casualties</i>	<i>Accidents, etc., in engine-room and stokehold</i>	<i>Falls from aloft</i>	<i>Killed on deck of vessel</i>	<i>Fell down hatchways, etc.</i>	<i>Fell overboard from deck of vessel</i>	<i>Washed overboard</i>	<i>Killed or drowned coming aboard from ashore</i>	<i>Drowned in dock, etc., ashore</i>	<i>Killed or missing ashore</i>		<i>Drowned bathing</i>	<i>Homicide</i>	<i>Suicide or supposed suicide</i>	<i>Missing at sea</i>	<i>Other causes</i>
1975																					
Officers and ratings*	20	–	1	–	4	–	5	5	1	11	4	–	12	7	4	2	3	17	5	5	106
Seamen on Asiatic agreements	4	–	–	–	3	1	1	2	1	2	1	–	1	–	1	–	1	5	1	–	24
<i>Total</i>	24	–	1	–	7	1	6	7	2	13	5	–	13	7	5	2	4	22	6	5	130
1974																					
Officers and ratings*	7	–	–	–	5	–	7	1	3	5	1	1	14	10	3	2	4	12	11	8	94
Seamen on Asiatic agreements	–	–	–	–	1	–	1	1	2	3	1	–	1	–	–	–	3	5	–	–	18
<i>Total</i>	7	–	–	–	6	–	8	2	5	8	2	1	15	10	3	2	7	17	11	8	112

*Excluding seamen on Asiatic agreements.

Table 10

Deaths among crews other than from disease: ranks, ratings, and age groups — 1974 and 1975

	<i>Masters and deck officers</i>	<i>Apprentices and cadets</i>	<i>Engineer officers</i>	<i>Radio officers</i>	<i>Deck ratings</i>	<i>Engine-room ratings</i>	<i>Catering ratings (including pursers and writers)</i>	<i>Miscellaneous (including surgeons)</i>	<i>Total</i>	<i>Age groups*</i>								<i>Total</i>
										<i>Under 20 years of age</i>	<i>20 to 24 years</i>	<i>25 to 34 years</i>	<i>35 to 44 years</i>	<i>45 to 54 years</i>	<i>55 to 64 years</i>	<i>65 years and over</i>	<i>Ages not specified</i>	
1975																		
British subjects*	12	4	13	—	39	16	11	—	95	10	10	29	10	20	16	—	—	95
Foreign subjects*	—	—	—	—	4	2	4	1	11	1	2	6	1	1	—	—	—	11
Seamen on Asiatic agreements	—	—	1	—	8	7	8	—	24	1	4	9	4	2	4	—	—	24
<i>Total</i>	12	4	14	—	51	25	23	1	130	12	16	44	15	23	20	—	—	130
1974																		
British subjects*	17	1	10	1	31	13	14	1	88	11	8	25	20	15	8	1	—	88
Foreign subjects*	—	—	—	—	6	—	—	—	6	—	1	3	2	—	—	—	—	6
Seamen on Asiatic agreements	—	—	—	—	10	6	2	—	18	NA	NA	NA	NA	NA	NA	NA	NA	18
<i>Total</i>	17	1	10	1	47	19	16	1	112	NA	NA	NA	NA	NA	NA	NA	NA	112

*Excluding seamen on Asiatic agreements.

Table 11

Deaths among crews from disease: ranks, ratings and age groups – 1974 and 1975

										<i>Age groups*</i>								
	<i>Masters and deck officers</i>	<i>Apprentices and cadets</i>	<i>Engineer officers</i>	<i>Radio officers</i>	<i>Deck ratings</i>	<i>Engine-room ratings</i>	<i>Catering ratings (including pursers and writers)</i>	<i>Miscellaneous (including surgeons)</i>	<i>Total</i>	<i>Under 20 years of age</i>	<i>20 to 24 years</i>	<i>25 to 34 years</i>	<i>35 to 44 years</i>	<i>45 to 54 years</i>	<i>55 to 64 years</i>	<i>65 years and over</i>	<i>Ages not specified</i>	<i>Total</i>
1975																		
British subjects*	11	1	5	2	23	9	15	1	67	2	—	5	14	19	26	1	—	67
Foreign subjects*	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Seamen on Asiatic agreements	—	—	—	—	12	11	15	—	38	—	—	3	9	8	18	—	—	38
<i>Total</i>	11	1	5	2	35	20	30	1	105	2	—	8	23	27	44	1	—	105
1974																		
British subjects*	15	—	15	3	21	6	12	2	74	—	—	2	13	28	29	1	1	74
Foreign subjects*	—	—	—	—	1	1	—	—	2	—	—	—	—	1	1	—	—	2
Seamen on Asiatic agreements	—	—	—	—	17	10	15	—	42	NA	NA	NA	NA	NA	NA	NA	NA	42
<i>Total</i>	15	—	15	3	39	17	27	2	118	NA	NA	NA	NA	NA	NA	NA	NA	118

*Excluding seamen on Asiatic agreements

Table 12

Deaths among crews from disease: nature of disease and age groups

Nature of disease	British sub-jects*	Foreign sub-jects*	Age groups* (years of age)								Seamen on Asiatic agree-ments	Total 1975	Total 1974
			Under 20	20 to 24	25 to 34	35 to 44	45 to 54	55 to 64	65 and over				
Infective and parasitic diseases													
Malaria (including blackwater fever)	1	—	—	—	—	1	—	—	—	—	—	1	—
Neoplasms													
Cancer and malignant tumours etc	1	—	—	—	—	1	—	—	—	—	1	2	2
Endocrine system, metabolic and nutritional diseases													
Diabetes	—	—	—	—	—	—	—	—	—	—	1	1	1
Diseases of the blood and blood forming organs													
—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mental psychoneurotic and personality disorders													
Alcoholism	2	—	1	—	1	—	—	—	—	—	1	3	2
Diseases of the nervous system and sense organs													
Cerebral haemorrhage	6	—	—	—	1	1	2	2	—	—	2	8	5
Diseases of the circulatory system													
Heart disease	3	—	—	—	—	—	1	2	—	—	—	3	2
Coronary thrombosis	35	—	—	—	3	4	10	17	1	22	—	57	51
Aneurysm	1	—	—	—	—	—	—	1	—	1	—	2	3
Other	—	—	—	—	—	—	—	—	—	—	—	—	2
Diseases of the respiratory system													
Pneumonia	2	—	—	—	—	1	1	—	—	—	2	4	6
Bronchitis	1	—	—	—	—	—	—	1	—	—	—	1	3
Other	2	—	—	—	—	1	—	1	—	—	2	4	4
Diseases of the digestive system													
Ulcer of the stomach or duodenum	1	—	—	—	—	—	1	—	—	—	—	1	4
Other diseases of stomach or duodenum	1	—	—	—	—	1	—	—	—	—	—	1	1
Appendicitis	1	—	1	—	—	—	—	—	—	—	—	1	—
Chronic enteritis and ulcerative colitis	—	—	—	—	—	—	—	—	—	—	1	1	1
Peritonitis	1	—	—	—	—	—	1	—	—	—	—	1	4
Cirrhosis of liver	4	—	—	—	—	2	1	1	—	—	1	5	5
Other diseases of liver	1	—	—	—	—	—	—	1	—	—	—	1	3
Diseases of pancreas	—	—	—	—	—	—	—	—	—	—	—	—	1
Other	1	—	—	—	—	—	1	—	—	—	—	1	1
Diseases of the genito-urinary system													
Nephritis and nephrosis	—	—	—	—	—	—	—	—	—	—	—	—	1
Diseases of the skin and cellular tissue													
—	—	—	—	—	—	—	—	—	—	—	—	—	—
Diseases of the bones and organs of movement													
—	—	—	—	—	—	—	—	—	—	—	—	—	—
Symptoms, senility and ill-defined conditions													
—	3	—	—	—	—	2	1	—	—	—	4	7	14
Food poisoning and excessive heat													
Excessive heat and insolation (including heat apoplexy, heat exhaustion and heat stroke)	—	—	—	—	—	—	—	—	—	—	—	—	2
Total	67		2		5	14	19	26	1	38		105	118

*Excluding seamen on Asiatic agreements.

Table 13

Deaths among crews after discharge abroad: causes (these deaths are included in tables 8, 9, 10, 11 and 12) – 1975

<i>Causes of death</i>	<i>British Subjects*</i>	<i>Foreign Subjects*</i>	<i>Seamen on Asiatic agreements</i>	<i>Total 1975</i>	<i>Total 1974</i>
Accident or injury					
Injuries on deck	–	–	–	–	2
Fell down hatchway	3	–	–	3	3
Fell overboard	–	–	–	–	–
Killed or drowned coming aboard from ashore	–	–	1	1	1
Drowned in dock, etc. ashore	–	–	–	–	1
Killed or missing ashore	3	–	1	4	2
Other accidents	1	–	–	1	3
Homicide	1	–	–	1	–
Suicide	–	–	–	–	–
<i>Total due to accident or injury</i>	8	–	2	10	12
Disease etc.					
Infective and parasitic diseases					
Malaria (including blackwater fever)	1	–	–	1	–
Neoplasms					
Cancer and malignant tumours etc.	–	–	1	1	2
Endocrine system, metabolic and nutritional diseases					
Diabetes	–	–	1	1	–
Diseases of the blood and blood forming organs					
	–	–	–	–	–
Mental psychoneurotic and personality disorders					
	–	–	–	–	–
Diseases of the circulatory system					
Coronary thrombosis	4	–	2	6	13
Aneurysm	1	–	–	1	1
Diseases of the respiratory system					
Pneumonia	–	–	–	–	3
Other	1	–	–	1	1

*Excluding seamen on Asiatic agreements

Table 13 — continued

Deaths among crews after discharge abroad: causes (these deaths are included in tables 8, 9, 10, 11 and 12) — 1975

<i>Cause of death</i>	<i>British subjects*</i>	<i>Foreign subjects*</i>	<i>Seamen on Asiatic Agreements</i>	<i>Total 1975</i>	<i>Total 1974</i>
Diseases of the digestive system					
Ulcer of the stomach or duodenum	1	—	—	1	2
Other diseases of stomach or duodenum	—	—	—	—	—
Chronic enteritis and ulcerative colitis	—	—	1	1	—
Peritonitis	—	—	—	—	2
Cirrhosis of Liver	2	—	1	3	4
Other diseases of liver	—	—	—	—	2
Diseases of the genito-urinary system					
	—	—	—	—	—
Diseases of the skin and cellular tissue					
	—	—	—	—	—
Diseases of the bones and organs of movement					
	—	—	—	—	—
Symptoms, senility and ill-defined conditions					
	1	—	—	1	1
Diseases of the nervous system and sense organs					
Cerebral haemorrhage	1	—	1	2	3
Diseases of the circulatory system					
Heart disease	2	—	—	2	—
Food poisoning and excessive heat					
	—	—	—	—	—
<i>Total due to disease, etc.</i>	14	—	7	21	34

*Excluding seamen on Asiatic agreements.

Table 14

Yearly analysis of deaths among crews from all causes* – 1966 to 1975

<i>Cause of death</i>	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975
Deaths from casualties to vessels:										
Founderings	13	--	3	3	30	4	4	6	7	24
Strandings	13	--	--	--	--	--	--	--	--	--
Collisions	24	--	--	4	--	--	65	3	--	1
Missing vessels	--	42	--	--	--	--	--	--	--	--
Explosions and fires	18	3	6	6	2	3	5	6	6	7
Other casualties	--	--	--	--	--	7	1	4	--	1
<i>Total</i>	68	45	9	13	32	14	75	19	13	33
Deaths from accidents other than casualties to vessels:										
Accidents on board	54	33	32	37	45	25	20	30	34†	38
Accidents ashore	31	29	17	22	13	28	24	31	30†	27
Deaths from homicide	5	9	2	1	5	5	5	2	7	4
Deaths from suicide	18	27	19	19	30	31	25	13	17	22
Missing at sea	18	29	17	20	14	10	15	22	11	6
Deaths from disease	141	153	136	162	137	134	127	110	118	105
<i>Total</i>	267	280	223	261	244	233	216	208	217	202
<i>Grand total</i>	335	325	232	274	276	247	291	227	230	235
Deaths per thousand seamen at risk	3.2	3.2	2.5	3.0	3.1	2.8	3.6	2.9	3.6†	3.7
Estimated number of seamen at risk on average each year (thousands) ‡	106	101	93	91	90	88	81	78	64†	64

*Deaths of seamen ashore in the United Kingdom are excluded.

†Revised figures.

‡For the period 1966 to 1973 the number of UK seamen at risk each year has been estimated on the assumption that just under three-quarters of the seamen on the Cardiff Seamen's Register, allowing for those seamen who were kept on the Register for twelve months after their last voyage if the Registrar-General had not been informed that they had definitely left the sea, were on articles at any date. An estimate of the number of seamen serving on Asiatic agreements has been added to the estimated number of UK seamen to give the total number of seamen at risk, on average, each year. Statistics from the Cardiff Seamen's Register ceased at the end of 1972 and figures for the years 1974 and 1975 have been estimated on the basis of returns made by the General Council of British Shipping.

CHART F (see table 14) – DEATHS AMONG CREWS

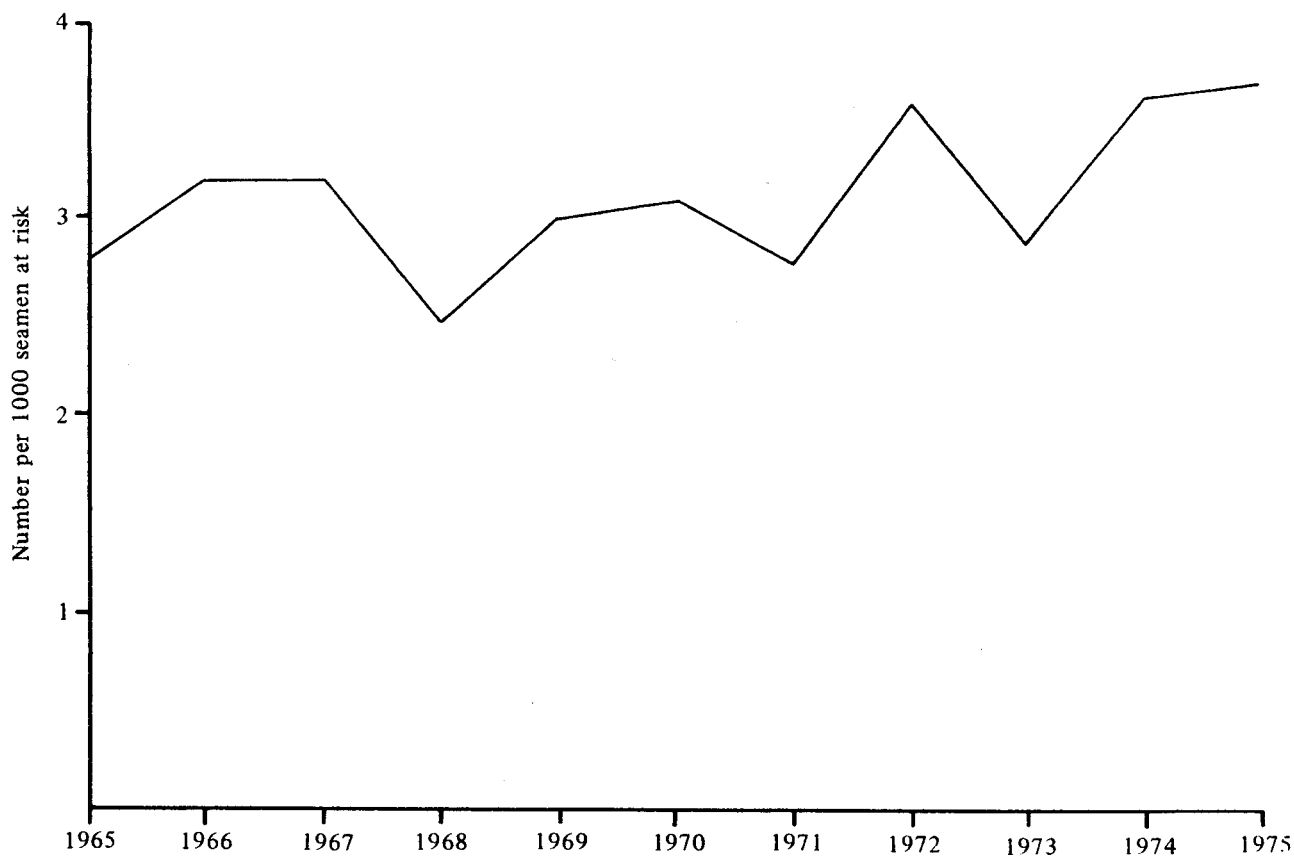


Table 15

Deaths among passengers and other non-crew members – 1975

<i>Cause of death</i>	<i>Deaths at sea</i>	<i>Deaths in river or harbour</i>	<i>Total 1975</i>	<i>Total 1974</i>
Casualties to vessels	—	—	—	—
Accidents other than casualties to vessels	—	4*	4	4
Homicide	—	—	—	—
Suicide	2	1	3	—
Missing at sea	2	1	3	1
Disease	37	17†	54	63
<i>Total</i>	41	23	64	68

*Includes 3 shoreworkers.

†Includes 2 shoreworkers.

Part II Fishing Vessels

Introduction

This part of the return is divided into two sections dealing respectively with (i) casualties to deep sea trawlers and with deaths and injuries of their crews, and (ii) casualties to fishing vessels other than deep sea trawlers and deaths among their crews.

Deep sea trawlers

The Tables in this section follow the same pattern as was adopted when the previous statistics relating to deep sea trawler casualties and crew deaths and injuries were published (see note 1); their publication is in response to one of the recommendations of the *Report of the Committee of Inquiry into Trawler Safety* (CITS) (see note 2).

In the case of casualties to vessels, this return contains statistics relating to the years 1971 to 1975 inclusive together with comparative data for the two previous five-year periods, which is, in its turn, complementary to the statistics dealt with in paragraphs 15–21 of the CITS Report.

The tables dealing with deaths and personal accidents relate to 1975 only and are complementary to the statistics published in previous returns and those for the period 1958 to 1967 discussed in paragraphs 10–14 of the CITS Report.

For the purposes of this return the three operational groups of trawlers are distinguished as follows:

<i>Group</i>	<i>Length</i>	<i>GRT</i>
Near water	80 ft–109.9 ft	86–229.9
Middle water	110 ft–139.9 ft	230–419.9
Distant water	140 ft and over	420 and over

The Gross Registered Tonnage figures represent the conversion factors from length which were also used in the CITS Report.

Fishing vessels other than Deep Sea Trawlers

These Tables replace Tables 12 and 13 previously published in the Annual Return (see note 3) and, where possible, they follow the same layout as has been adopted for the deep sea trawler statistics: they cover the period 1971 to 1975 inclusive and comparative data for the previous two five-year periods are given.

These Tables contain breakdowns showing the casualties to fishing vessels of all sizes other than deep sea trawlers with a footnote showing totals for vessels of 100 grt and over.

Fishing vessels on the United Kingdom register: numbers – 1966 to 1975

	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975
Deep sea trawlers										
Near water	204	197	189	183	167	143	146	150	128	116
Middle water	182	181	177	178	173	174	173	170	155	145
Distant water	199	182	165	161	161	164	168	168	162	133
<i>Total</i>	585	560	531	522	501	481	487	488	445	394
Other fishing vessels	5,773	5,742	5,779	5,792	5,422	5,590	5,841	6,081	6,471	6,697
<i>Grand total</i>	6,358	6,302	6,310	6,314	5,923	6,071	6,328	6,569	6,916	7,091

Source: Sea Fisheries Statistical Tables, MAFF. Numbers as at 31 December in year shown.

Notes for Part II of this Return:

1. *Deep sea trawlers – Casualties to vessels and accidents to men. Statistics for the years 1967 to 1969 and 1967 to 1971, HMSO. Casualties to vessels and accidents to men – vessels registered in the United Kingdom Return for 1972 to 1974, HMSO.*
2. Cmnd 4114, HMSO.
3. *Shipping casualties and deaths, HMSO.*

Details of individual ships lost during 1975

<i>Date</i>	<i>Name of vessel</i>	<i>Age (years)</i>	<i>Gross tonnage</i>	<i>Description of loss</i>
Deep sea trawlers:				
January 1	mfv <i>Benvolio</i>	26	722	Fire ¹
March 21	mfv <i>D B Finn</i>	14	701	Stranding ¹
August 22	mfv <i>Clarkwood</i>	14	249	Stranding ¹
November 28	mfv <i>Ben Tarbert</i>	15	280	Collision
Fishing Vessels other than deep sea trawlers:				
January 1	mfv <i>Concord</i>	41	14	Foundering
January 5	mfv <i>Patrick Michael</i>	NA	15	Foundering
January 9	mfv <i>Sedulous II</i>	5	44	Foundering
January 20	mfv <i>Norseman's Bride</i>	14	47	Stranding
January 26	mfv <i>Carlo</i>	2	NA	Foundering
January 31	mfv <i>Labrador</i>	12	9	Foundering
February 13	mfv <i>Rossoy</i>	57	23	Foundering
March 6	mfv <i>Fortuna</i>	17	43	Fire
March 15	mfv <i>Polaris</i>	19	25	Collision ¹
April 24	mfv <i>Elizabeth Robertson</i>	29	NA	Fire
May 12	mfv <i>Deo Gratias</i>	11	25	Foundering
May 23	mfv <i>Plough</i>	2	17	Stranding
June 1	mfv <i>Sea Spray</i>	6	25	Stranding
June 24	mfv <i>Claw I</i>	1	5	Fire
June 29	mfv <i>Star Divine</i>	20	50	Fire
July 7	mfv <i>Stroma</i>	9	25	Fire
August 1	mfv <i>Venus des Isles</i>	20	31	Foundering
August 3	mfv <i>Estrelita</i>	21	25	Capsizing
August 19	mfv <i>Four Seasons</i>	15	24	Flooding
September 4	mfv <i>Avalon</i>	35	42	Collision
September 6	mfv <i>Boy John</i>	26	10	Stranding
September 9	mfv <i>Our Lorraine</i>	25	35	Flooding
September 9	mfv <i>Girl Angela</i>	24	27	Foundering
September 19	mfv <i>Briar</i>	28	39	Collision
September 24	mfv <i>Donau</i>	33	25	Flooding
October 3	mfv <i>Valonia</i>	9	25	Stranding
October 15	mfv <i>Kia-Ora</i>	42	24	Flooding
October 17	mfv <i>Flourish</i>	26	27	Collision
November 10	mfv <i>Winifred</i>	52	12	Fire
November 21	mfv <i>Gladeto</i>	36	44	Stranding
December 1	mfv <i>Lilian J</i>	11	5	Foundering
December 3	mfv <i>Fertile</i>	21	58	Stranding
December 17	mfv <i>Westburn</i>	29	38	Foundering

¹ Constructive total losses

Formal investigations into casualties

There were no formal investigations ordered to be held into the causes of casualties occurring during 1975.

Part IIA Deep Sea Trawlers

Table 16

Total losses and serious casualties* to Deep Sea Trawlers

<i>Nature of casualty</i>	<i>1971</i>	<i>1972</i>	<i>1973</i>	<i>1974</i>	<i>1975</i>	<i>Total 1971 to 1975</i>	<i>Total 1966 to 1970</i>	<i>Total 1961 to 1965</i>
Collisions	—	—	—	1	2	3	7	4
Strandings	1	—	4	3	2	10	7	27
Foundering	—	2	—	1	—	3	3	2
Fires	2	1	3	3	3	12	5	9
Missing	—	—	—	2	—	2	2	2
Capsizings	—	1	—	—	—	1	1	1
Explosions	—	—	2	—	—	2	—	2
<i>Total</i>	<i>3</i>	<i>4</i>	<i>9</i>	<i>10</i>	<i>7</i>	<i>33</i>	<i>25</i>	<i>47</i>
<i>of which—</i>								
Total losses	1	3	4	7	4†	19	14	23

*Serious casualties are defined on page 2 (Part 1) of this return.

†Including 3 constructive total losses.

Table 17

Total losses and serious casualties to Deep Sea Trawlers according to nature of casualty and operational group

<i>Group</i>	<i>Collisions</i>	<i>Strandings</i>	<i>Founderingings</i>	<i>Fires</i>	<i>Missing</i>	<i>Capsizings</i>	<i>Explosions</i>	<i>Total</i>
Near water								
1971	—	—	—	—	—	—	—	—
1972	—	—	2	—	—	1	—	3
1973	—	—	—	1	—	—	1	2
1974	—	1	1	—	1	—	—	3
1975	—	—	—	1	—	—	—	1
<i>Total: 1971 to 1975</i>	—	1	3	2	1	1	1	9
Middle water								
1971	—	—	—	—	—	—	—	—
1972	—	—	—	—	—	—	—	—
1973	—	2	—	—	—	—	1	3
1974	—	2	—	2	—	—	—	4
1975	1	1	—	—	—	—	—	2
<i>Total: 1971 to 1975</i>	1	5	—	2	—	—	1	9
Distant water								
1971	—	1	—	2	—	—	—	3
1972	—	—	—	1	—	—	—	1
1973	—	2	—	2	—	—	—	4
1974	1	—	—	1	1	—	—	3
1975	1	1	—	2	—	—	—	4
<i>Total: 1971 to 1975</i>	2	4	—	8	1	—	—	15
<i>Total: all groups 1971 to 1975</i>	3	10	3	12	2	1	2	33
Totals 1966 to 1970								
Near water	—	1	2	—	—	—	—	3
Middle water	3	4	1	—	—	—	—	8
Distant water	4	2	—	5	2	1	—	14
<i>Total: all groups 1966 to 1970</i>	7	7	3	5	2	1	—	25
Totals 1961 to 1965								
Near water	—	5	—	2	—	—	—	7
Middle water	3	13	1	4	2	—	—	23
Distant water	1	9	1	3	—	1	2	17
<i>Total: all groups 1961 to 1965</i>	4	27	2	9	2	1	2	47

Table 18

Total losses and serious casualties to Deep Sea Trawlers according to operational group and age*

Group		5 and under	6-10	11-15	16-20	21 and over	all ages
Near water:	1971 to 1975	1	1	4	3	—	9
	1966 to 1970	1	1	1	—	—	3
	1961 to 1965	1	—	4	1	1	7
Middle water:	1971 to 1975	—	1	6	2	—	9
	1966 to 1970	1	5	1	—	1	8
	1961 to 1965	7	6	2	2	6	23
Distant water:	1971 to 1975	2	4	4	3	2	15
	1966 to 1970	4	1	3	5	1	14
	1961 to 1965	1	4	4	—	8	17
Total— all groups	1971 to 1975	3	6	14	8	2	33
	1966 to 1970	6	7	5	5	2	25
	1961 to 1965	9	10	10	3	15	47

* The age-bands for the above table were changed a few years ago; therefore some discrepancies in the figures appear this year, although the totals for 'all ages' remain the same.

Table 19a

Minor casualties to Deep Sea Trawlers by nature of casualty

Nature of casualty	1971	1972	1973	1974	1975	Total 1971 to 1975	Total 1966 to 1970	Total 1961 to 1965
Collisions and contacts	18	23	31	19	16	107	127	123
Strandings and groundings	17	10	8	13	5	53	93	102
Machinery damage	16	23	21	6	8	74	119	155
Fires and explosions	10	7	7	7	6	37	33	51
Heavy weather and lists	1	9	2	5	4	2	20	26
General damage	13	12	54	8	13	100	34	72
<i>Total</i>	75	84	123	58	52	392	426	529
<i>of which</i>								
Stern Trawlers	5	8	16	6	2	37	NA	NA

Table 19b

Minor casualties to Deep Sea Trawlers: distribution by nature of casualty (per cent)

Nature of casualty	1971	1972	1973	1974	1975	1971 to 1975	1966 to 1970	1961 to 1965
Collisions and contacts	24	27	25	33	31	27	30	23
Strandings and groundings	23	12	7	22	10	14	22	19
Machinery damage	22	27	17	10	15	19	27	29
Fires and explosions	13	9	6	12	11	9	8	10
Heavy weather and lists	1	11	1	9	8	5	4	5
General damage	17	14	44	14	25	26	8	14
<i>Total</i>	100	100	100	100	100	100	100	100
<i>of which</i>								
Stern Trawlers	7	10	13	10	4	9	NA	NA

CHART G (see tables 19(a) and (b))

MINOR CASUALTIES TO DEEP SEA TRAWLERS:
BY NATURE OF CASUALTY – 1975

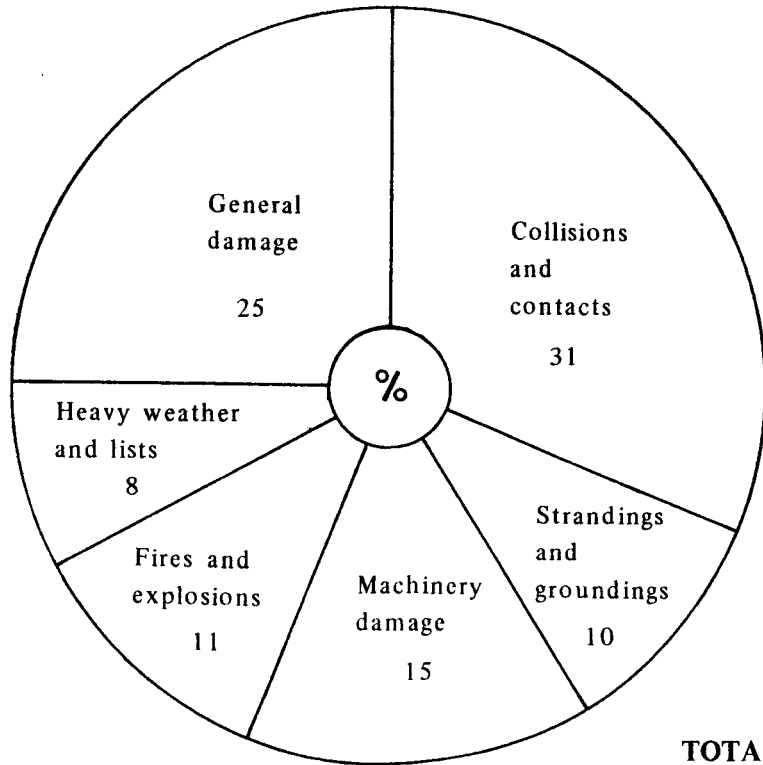


Table 20

Minor casualties to Deep Sea Trawlers according to nature of casualty and operational group

<i>Group</i>	<i>Collisions and contacts</i>	<i>Strandings and groundings</i>	<i>Machinery damage</i>	<i>Fires and explosions</i>	<i>Heavy weather and lists</i>	<i>General damage</i>	<i>Total</i>
Near water							
1971	1	5	5	—	—	2	13
1972	1	3	5	3	—	5	17
1973	8	4	8	—	1	4	25
1974	5	—	3	2	1	2	13
1975	1	1	4	5	—	1	12
<i>Total: 1971 to 1975</i>	16	13	25	10	2	14	80
Middle water							
1971	8	7	3	3	—	6	27
1972	10	4	8	2	1	2	27
1973	11	3	3	3	—	6	26
1974	5	10	—	—	1	2	18
1975	7	3	2	1	—	2	15
<i>Total: 1971 to 1975</i>	41	27	16	9	2	18	113
Distant water							
1971	9	5	8	7	1	5	35
1972	12	3	10	2	8	5	40
1973	12	1	10	4	1	44	72
1974	9	3	3	5	3	4	27
1975	8	1	2	—	4	10	25
<i>Total: 1971 to 1975</i>	50	13	33	18	17	68	199
<i>Total: all groups 1971 to 1975</i>	107	53	74	37	21	100	392
Totals 1966 to 1970							
Near water	25	22	31	5	2	9	94
Middle water	40	35	31	9	7	12	134
Distant water	62	36	57	19	11	13	198
<i>Total: all groups 1966 to 1970</i>	127	93	119	33	20	34	426
Totals 1961 to 1965							
Near water	32	22	40	8	3	13	118
Middle water	37	42	53	11	8	27	178
Distant water	54	38	62	32	15	32	233
<i>Total: all groups 1961 to 1965</i>	123	102	155	51	26	72	529

Table 21

Minor casualties to Deep Sea Trawlers — vessels involved in more than one incident

<i>Number of incidents</i>	<i>1971</i>	<i>1972</i>	<i>1973</i>	<i>1974</i>	<i>1975</i>
2 incidents	6	12	15	9	3
3 incidents	2	1	2	1	1
4 incidents	1	—	1	—	1

Table 22a

Minor casualties to Deep Sea Trawlers – age analysis

Age group	1971	1972	1973	1974	1975	1971 to 1975
5 and under	4	14	18	10	7	53
6–10	16	15	12	4	5	52
11–15	32	41	53	31	17	174
16–20	6	9	29	11	19	74
21 and over	17	5	11	2	4	39
<i>Total</i>	75	84	123	58	52	392

Note: Data for 1961 to 1965 and 1966 to 1970 by age group not available.

Table 22b

Minor casualties to Deep Sea Trawlers – distribution by age (per cent)

Age group	1971	1972	1973	1974	1975	1971 to 1975
5 and under	5	17	15	17	13	14
6–10	21	18	10	7	10	13
11–15	43	49	43	53	33	44
16–20	8	10	23	19	36	19
21 and over	23	6	9	4	8	10
<i>Total</i>	100	100	100	100	100	100

Note: Data for 1961 to 1965 and 1966 to 1970 by age group not available.

Table 23a

Minor casualties to Deep Sea Trawlers according to operational groups

Group	1971	1972	1973	1974	1975	1971 to 1975	1966 to 1970	1961 to 1965
Near water	13	17	25	13	12	80	94	118
Middle water	27	27	26	18	15	113	134	178
Distant water	35	40	72	27	25	199	198	233
<i>Total</i>	75	84	123	58	52	392	426	529

Table 23b

Minor casualties to Deep Sea Trawlers – distribution by operational groups (per cent)

Group	1971	1972	1973	1974	1975	1971 to 1975	1966 to 1970	1961 to 1965
Near water	17	20	20	22	23	20	22	22
Middle water	36	32	21	31	29	29	31	34
Distant water	47	48	59	47	48	51	47	44
<i>Total</i>	100	100	100	100	100	100	100	100

Table 24

Deep Sea Trawlers: Yearly analysis of casualties: number of vessels and number per hundred vessels at risk

	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975
Total losses	2	1	7	2	2	1	3	4	7	4
Number per 100 vessels at risk	0.3	0.2	1.3	0.4	0.4	0.2	0.6	0.8	1.6	1.0
Serious casualties	3	—	1	6	1	2	1	5	3	3
Number per 100 vessels at risk	0.5	—	0.2	1.2	0.2	0.4	0.2	1.0	0.7	0.8
Minor casualties	100	85	98	76	67	75	84	123	58	52
Number per 100 vessels at risk	17.1	15.2	18.5	14.6	13.4	15.6	17.3	25.2	13.0	13.2

Deep Sea Trawlers on the United Kingdom register at the end of each year*

Number	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975
	585	560	531	522	501	481	487	488	445	394

*Source: *Sea Fisheries Statistical Tables*, MAFF

CHART H (see table 24) – DEEP SEA TRAWLERS

TOTAL LOSSES AND SERIOUS CASUALTIES

———— Number of total losses per 100 vessels at risk

----- Number of serious casualties per 100 vessels at risk



CHART I (see table 24) – MINOR CASUALTIES



Table 25a

Deaths on Near and Middle Side Trawlers of length 80 ft–139.9 ft by causes of accidents – 1975

<i>Causes</i>	<i>No.</i>	<i>Per 1,000 at risk</i>
Deaths from casualties to vessels		
Foundering	—	—
Strandings	—	—
Collisions	2	0.6
Missing vessels	—	—
Explosions and fires	4	1.3
<i>Sub-Total: casualties to vessels</i>	6	1.9
Deaths from personal accidents		
Accidents in engineroom and stokehold	—	—
Falls from aloft	—	—
Accidents on deck (including slips, falls, etc)	1	0.3
Falls down hatchways etc	—	—
Losses overboard	2	0.6
Homicide	1	0.3
Suicide or supposed suicide	—	—
Other causes	1	0.3
<i>Sub-Total: personal accidents</i>	5	1.6
<i>Total</i>	11	3.5
Estimated population at risk*	3,100	

*The number of fishermen at risk each year is based on the total number of berths available in the operational group concerned.

Table 25b

Deaths on Distant Water Side and Stern Trawlers of length 140 ft and over by causes of accidents — 1975

<i>Causes</i>	<i>Side no</i>	<i>Per 1,000 at risk</i>	<i>Stern no</i>	<i>Per 1,000 at risk</i>	<i>Total no</i>	<i>Per 1,000 at risk</i>
Deaths from casualties to vessels						
Foundering	—	—	—	—	—	—
Strandings	—	—	—	—	—	—
Collisions	—	—	—	—	—	—
Missing vessels	—	—	—	—	—	—
Explosions and fires	—	—	1	1.0	1	0.3
<i>Sub-total: casualties to vessels</i>	—	—	1	1.0	1	0.3
Deaths from personal accidents						
Accidents in engineroom and stokehold						
Falls from aloft	—	—	—	—	—	—
Accidents on deck (including slips, falls etc)						
Falls down hatchways etc	—	—	1	1.0	1	0.3
Losses overboard	3	1.6	—	—	3	1.0
Homicide	—	—	—	—	—	—
Suicide or supposed suicide	1	0.5	1	1.0	2	0.7
Other causes	1	0.5	—	—	1	0.3
<i>Sub-total: personal accidents</i>	5	2.6	2	2.0	7	2.4
<i>Total</i>	5	2.6	3	3.0	8	2.8
Estimated population at risk*	1,900		1,000		2,900	

*The number of fishermen at risk each year is based on the total number of berths available in the operational group concerned.

Table 26

Deaths on Side Trawlers by capacity 1958–1975 inclusive

<i>Capacity</i>	<i>Estimated total man-years at risk 1958–1975</i>	<i>Total number of deaths</i>	<i>Deaths per 1,000 man-years</i>
Near/Middle Water Trawlers (length 80 ft–139.9 ft)			
Skipper and second-hands	13,600	23	1.7
Bosuns, deck-hands, spare hands, deck learners, etc	42,300	86	2.0
Engineers, greasers, firemen	15,100	28	1.9
Cooks, galley boys, radio officers etc	9,000	10	1.1
Distant Water Trawlers (length 140 ft and over)			
Skipper and second-hands	6,000	22	3.7
Bosuns, deck-hands, spare hands, deck learners etc	33,800	124	3.7
Engineers, greasers, firemen	12,000	31	2.6
Cooks, galley boys, radio officers etc	8,900	24	2.7

Table 27a

Non-fatal injuries on Near and Middle Water Trawlers of length 80 ft–139.9 ft by causes of accidents – 1975

<i>Causes</i>	<i>No</i>	<i>Per 1,000 at risk</i>
Injuries from casualties to vessels		
Foundering	—	—
Strandings	—	—
Collisions	—	—
Explosions and fires	—	—
Other casualties to vessel	—	—
<i>Sub-total: casualties to vessels</i>	—	—
Injuries from personal accidents		
Accidents in engineroom or stokehold	17	5.5
Falls from aloft or down hatchways	—	—
Accidents on deck (including slips, falls, etc)	231	74.5
Fell or washed overboard	—	—
Other causes	9	2.9
Cause not stated	12	3.9
<i>Sub-total: personal accidents</i>	269	86.8
<i>Total</i>	269	86.8
Estimated population at risk*	3,100	

*The number of fishermen at risk each year is based on the total number of berths available in the operational group concerned.

Table 27b

Non-fatal injuries on Distant Water Side and Stern Trawlers of length 140 ft and over by causes of accidents – 1975

<i>Causes</i>	<i>Side no</i>	<i>Per 1,000 at risk</i>	<i>Stern no</i>	<i>Per 1,000 at risk</i>	<i>Total no</i>	<i>Per 1,000 at risk</i>
Injuries from casualties to vessels						
Foundering	—	—	—	—	—	—
Strandings	—	—	—	—	—	—
Collisions	—	—	—	—	—	—
Explosions and fires	—	—	—	—	—	—
Other casualties to vessel	—	—	—	—	—	—
<i>Sub-total: casualties to vessels</i>	—	—	—	—	—	—
Injuries from personal accidents						
Accidents in engineroom or stokehold	24	12.6	3	3.0	27	9.3
Falls from aloft or down hatchways	—	—	—	—	—	—
Accidents on deck (including slips, falls etc)	214	112.6	66	66.0	280	96.6
Fell or washed overboard	—	—	—	—	—	—
Other causes	11	5.8	8	8.0	19	6.6
Cause not stated	11	5.8	2	2.0	13	4.5
<i>Sub-total: personal accidents</i>	260	136.8	79	79.0	339	116.9
<i>Total</i>	260	136.8	79	79.0	339	116.9
Estimated population at risk*	1,900		1,000		2,900	

*The number of fishermen at risk each year is based on the total numbers of berths available in the operational group concerned.

Table 28

Non-fatal injuries on Side Trawlers by capacity 1958–1975 inclusive

<i>Capacity</i>	<i>Estimated total man-years at risk 1958–1975</i>	<i>Total number of non-fatal injuries</i>	<i>Non-fatal injuries per 1,000 man-years</i>
Near/Middle Water Trawlers (length 80 ft–139.9 ft)			
Skippers and second hands	13,600	1,188	87.4
Bosuns, deck-hands, spare hands, deck learners etc	42,300	4,864	115.0
Engineers, greasers, firemen	15,100	1,102	73.0
Cooks, galley-boys, radio officers etc	9,000	669	74.3
Distant Water Trawlers (length 140 ft and over)			
Skippers and second hands	6,000	827	137.8
Bosuns, deck-hands, spare hands, deck learners etc	33,800	6,795	201.0
Engineers, greasers, firemen	12,000	1,501	125.1
Cooks, galley-boys, radio officers etc	8,900	974	109.4

Part IIB Fishing Vessels other than Deep Sea Trawlers

Table 29

Total losses and serious casualties to Fishing Vessels other than Deep Sea Trawlers

Nature of casualty	1971		1972		1973		1974		1975		Total 1971 to 1975		Total 1966 to 1970		Total 1961 to 1965	
	Total losses casual-ties	Serious casual-ties	Total losses casual-ties	Serious casual-ties	Total losses casual-ties	Serious casual-ties	Total losses casual-ties	Serious casual-ties	Total losses casual-ties	Serious casual-ties	Total losses casual-ties	Serious casual-ties	Total losses casual-ties	Serious casual-ties	Total losses casual-ties	Serious casual-ties
Collisions	1	-	3	-	4	-	2	1	4	-	14	1	14	2	9	8
Strandings	3	-	4	-	4	-	6	-	7	-	24	-	16	4	27	7
Foundering	7	5	9	1	11	-	6	3	11	-	44	9	33	8	25	4
Fires	-	1	-	1	1	-	1	1	6	-	8	3	1	2	4	10
Missing	-	-	1	-	-	-	2	-	-	-	3	-	2	-	5	-
Capsizings	1	-	2	1	-	1	-	-	1	-	4	2	-	-	-	-
Explosions	-	-	2	-	1	-	-	-	-	-	3	-	5	2	1	-
Others	-	1	4	2	1	-	1	-	4	1	10	4	2	3	3	5
Total	12	7	25	5	22	1	18	5	33	1	110	19	73	21	74	34
<i>of which: vessels of 100 GRT and over</i>	1	-	2	-	-	-	1	1	-	-	4	1	1	1	3	4

Note: See page 2 (Part 1) for definition of serious casualties.

CHART J (see table 29)

**TOTAL LOSSES AND SERIOUS CASUALTIES TO
FISHING VESSELS OTHER THAN DEEP SEA
TRAWLERS: BY NATURE OF CASUALTY – 1975**

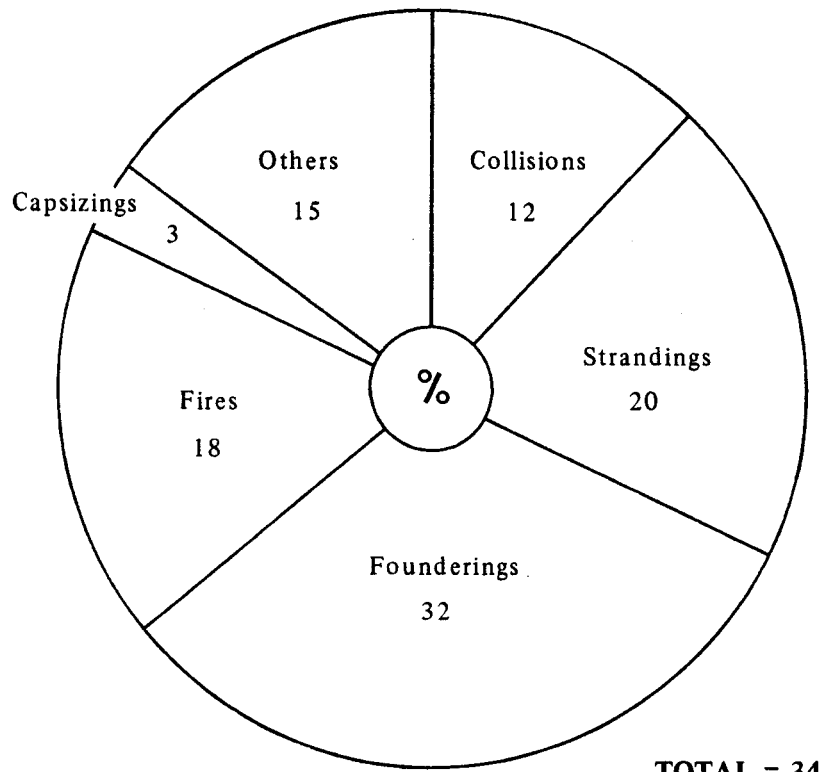


Table 30

Minor casualties to Fishing Vessels other than Deep Sea Trawlers

Nature of casualty	1971	1972	1973	1974	1975	Total	Total	Total
						1971 to 1975	1966 to 1970	1961 to 1965
Collisions and contacts	20	17	10	12	16	75	97	123
Strandings and groundings	22	13	14	14	11	74	116	134
Machinery damage	67	63	36	14	20	200	216	192
Fires and explosions	4	7	8	4	5	28	24	25
Heavy weather and lists	—	—	3	—	11	14	8	21
General damage	4	16	14	14	8	56	28	28
<i>Total</i>	117	116	85	58	71	447	489	523
<i>of which: vessels of 100 GRT and over</i>	10	12	3	2	4	31	78	99

Table 31

Minor casualties to Fishing Vessels other than Deep Sea Trawlers — vessels involved in more than one incident

Number of incidents	1971	1972	1973	1974	1975
2 incidents	3	6	7	2	—
3 incidents	—	—	—	—	—
4 incidents	—	—	1	—	—

Table 32

Fishing Vessels other than Deep Sea Trawlers: yearly analysis of casualties: number of vessels and number per thousand vessels at risk

	1971	1972	1973	1974	1975
Total losses	12	25	22	18	33
Number per 1,000 vessels at risk	2.1	4.3	3.6	2.8*	4.9
Serious casualties	7	5	1	5	1
Number per 1,000 vessels at risk	1.3	0.9	0.2	0.8	0.1
Minor casualties	117	116	85	58	71
Number per 1,000 vessels at risk	20.9	19.9	14.0	9.0	10.6

Fishing Vessels other than Deep Sea Trawlers on the United Kingdom register at the end of each year†

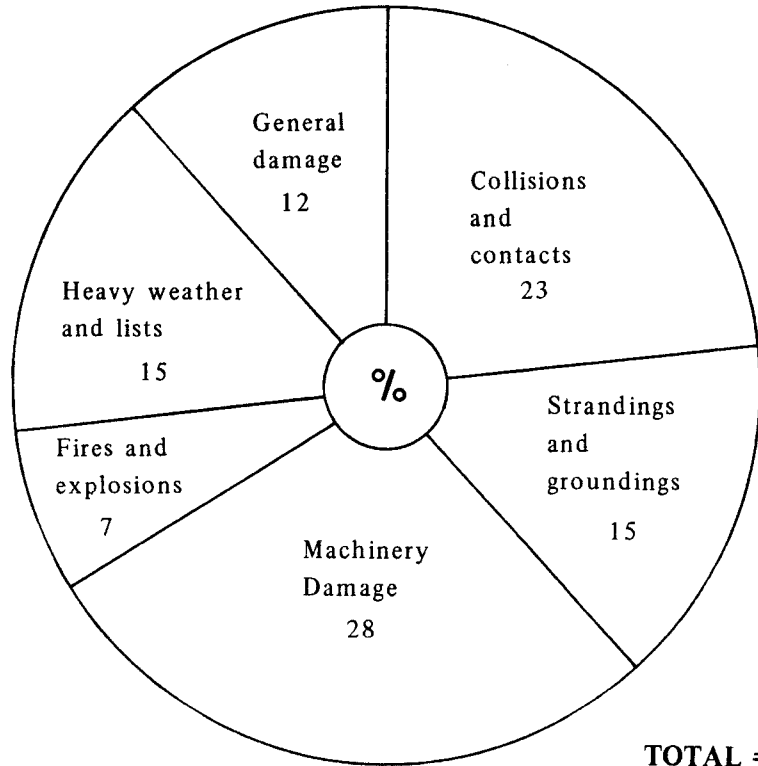
<i>Number</i>	5,590	5,841	6,081	6,471	6,697
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*Revised figure.

†Source: *Sea Fisheries Statistical Tables*, MAFF.

CHART K (see table 30)

MINOR CASUALTIES TO FISHING VESSELS
OTHER THAN DEEP SEA TRAWLERS:
BY NATURE OF CASUALTY – 1975



ACE.

FISHING VESSELS OTHER THAN DEEP SEA TRAWLERS
CHART L (see table 32) – TOTAL LOSSES AND SERIOUS CASUALTIES

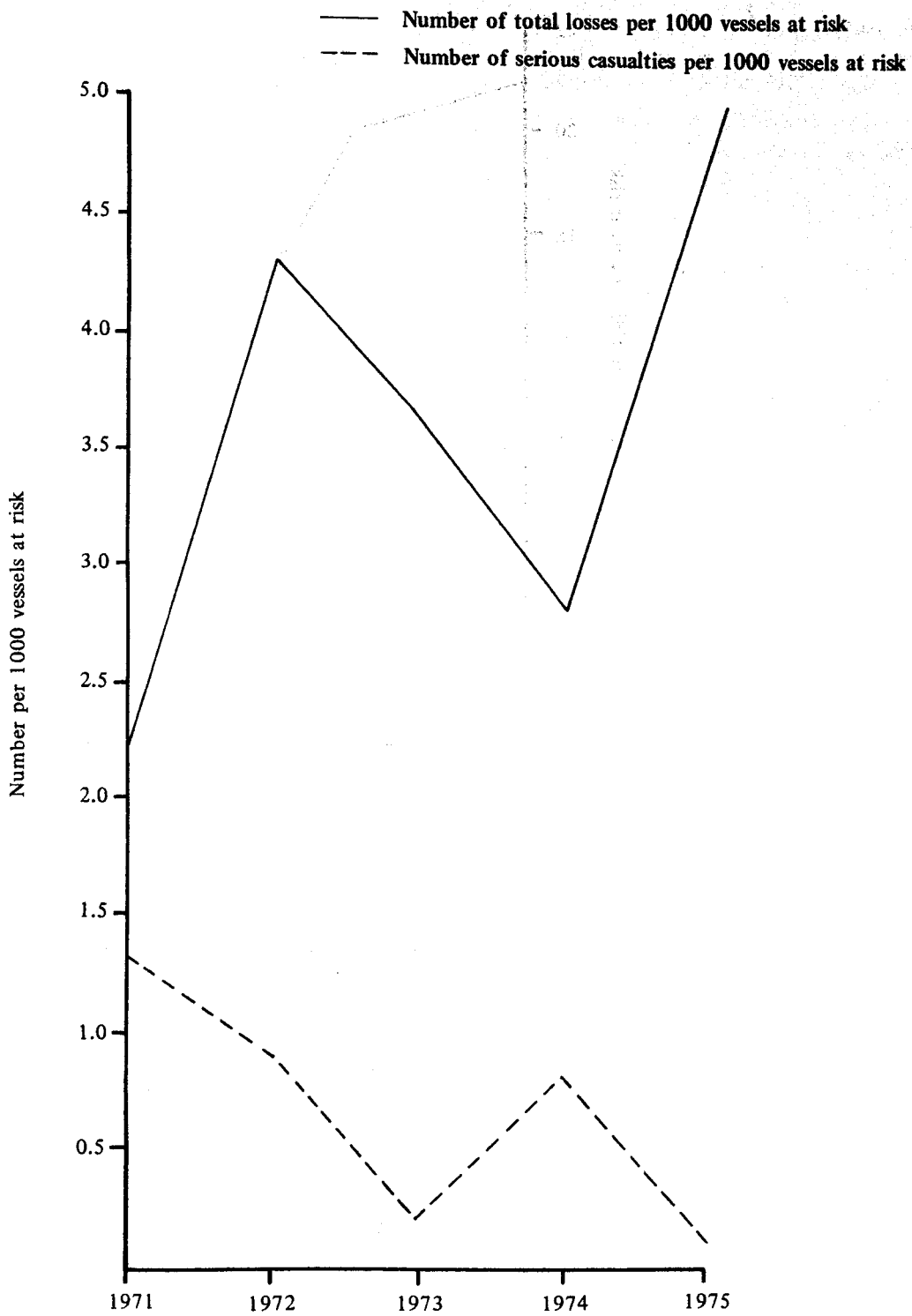


CHART M (see table 32) – MINOR CASUALTIES

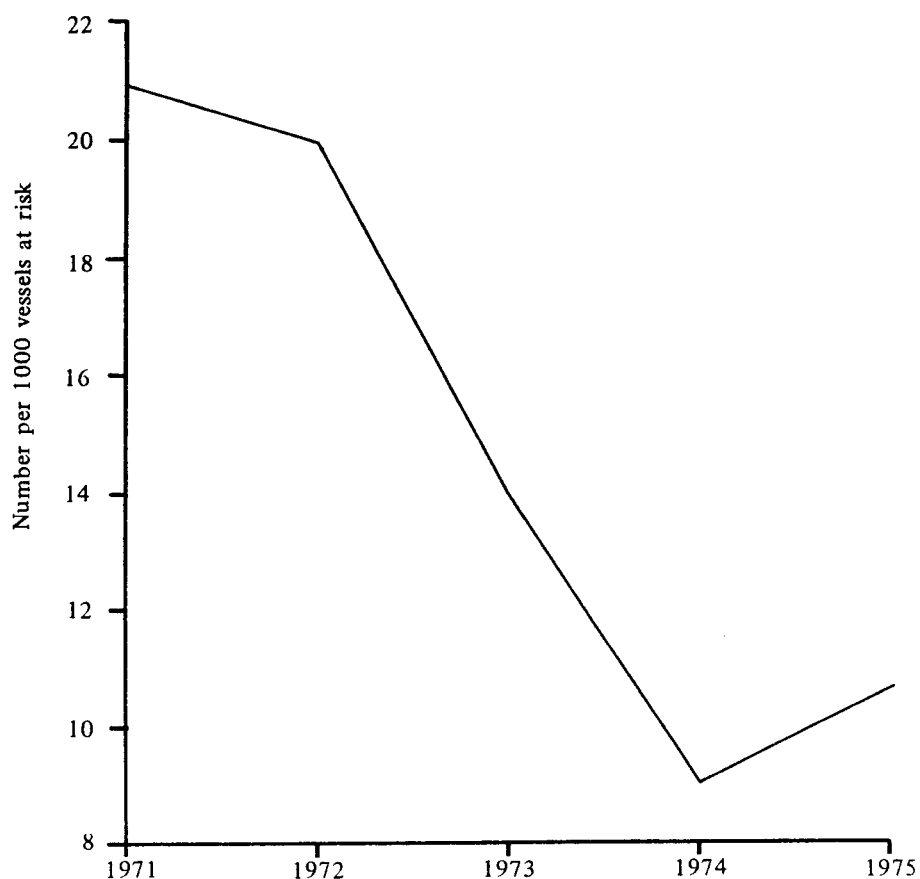


Table 33

Deaths among crews from all causes: Fishing Vessels other than Deep Sea Trawlers

<i>Cause of death</i>	<i>Deaths at sea</i>	<i>Deaths in river or harbour</i>	<i>Total 1975</i>	<i>Total 1974</i>
Deaths from casualties to vessels:				
Foundering	3	—	3	—
Strandings	—	—	—	3
Collisions	—	—	—	—
Missing vessels	—	—	—	10
Explosions and fires	—	—	—	—
Other casualties	1	—	1	—
<i>Total</i>	4	—	4	13
Deaths from:				
Accidents	5	1	6	13
Homicide	—	—	—	—
Suicide	—	—	—	2
Missing at sea	3	—	3	1
Disease	3	1	4	1
<i>Total</i>	11	2	13	17
<i>Grand total</i>	15	2	17	30