

## SHIPBUILDING TRADE (PRIVATE FIRMS)

## INTRODUCTORY

This trade comprises private firms that were engaged wholly or mainly in the construction or repair of ships, boats, etc. Work of the same kind carried out at shipyards owned by Government Departments, Railway Companies, Canal, Dock and Harbour Authorities and other public utility organisations will be dealt with in Part IV of the Report.

The particulars given in the following tables relate to work carried out in shipbuilding and ship-repairing yards, and do not cover the marine engineering shops maintained by shipbuilding firms. Separate returns in respect of these shops were made on the schedule for the Mechanical Engineering Trade, and the information received is included in the report on that trade (*see* page 224). A table showing, in summary form, the output of marine machinery by shipbuilding firms, is for convenience of reference given in Table IX of this report (page 356).

The numbering of the tables throughout the report does not conform to that indicated in the Introductory Notes (*see* page xi).

Table I A.—General summary

Particulars	1935	1930	1924
	£'000	£'000	£'000
Value of products (Gross output) ... ..	35,814	62,724	54,272
Cost of materials, fuel and electricity used ... ..	19,212	33,811	} 30,060
Amount paid for work given out ... ..	678	1,360	
Net output ... ..	15,924	27,553	24,212
	No.	No.	No.
Average number of persons employed ... ..	82,020	133,453	141,867
	£	£	£
Net output per person employed ... ..	194	206	171
	No.	No.	No.
Number of returns ... ..	362	405	497
Number of establishments ... ..	392	460	*

\* Not available.

Table I B.—Firms employing not more than ten persons on the average

Particulars	1935	1930	1924
	No.	No.	No.
Number of returns received ... ..	515	478	398
Average number of persons employed :—			
Males ... ..	2,479	2,318	1,688
Females ... ..	76	71	52
TOTAL ... ..	2,555	2,389	1,740
Number of firms not making returns ... ..	5	62	75

In 1924 the value of the gross output of the small firms making returns was 0.8 per cent. of the total.

Table II.—Size of establishments in 1935

Size of establishment (average number employed)	Number of establishments	Gross output	Net output	Number of persons employed	Net output per person employed
	No.	£'000	£'000	No.	£
11-24 ... ..	77	363	236	1,340	176
25-49 ... ..	98	1,052	597	3,326	179
50-99 ... ..	74	1,662	1,008	5,291	190
100-199 ... ..	57	2,569	1,493	8,230	181
200-299 ... ..	30	2,296	1,327	7,256	183
300-399 ... ..	12	1,379	825	4,140	199
400-499 ... ..	10	1,792	846	4,446	190
500-749 ... ..	10	2,733	1,257	6,187	203
750-999 ... ..	7	2,731	1,080	6,095	177
1,000-1,499 ... ..	9	5,008	2,201	10,850	203
1,500 and over ... ..	8	14,229	5,054	24,859	203
TOTAL ... ..	392	35,814	15,924	82,020	194

Table III.—Particulars of output, etc., in each of the principal areas of the United Kingdom

Area*	Number of establishments†	Gross output	Net output	Number of persons employed	Net output per person employed
	No.	£'000	£'000	No.	£
1 ... ..	1935 70 1930 61	2,426 3,648	1,519 2,185	7,328 9,124	207 239
2 ... ..	1935 48 1930 48	6,293 5,609	2,786 3,115	13,278 17,105	210 182
3 ... ..	1935 8 1930 6	313 476	116 181	811 888	143 204
4 ... ..	1935 44 1930 59	6,419 19,080	2,703 7,041	14,353 36,223	188 194
5 ... ..	1935 5 1930 6	34 55	24 21	138 183	173 116
7 ... ..	1935 5	190	121	610	199
8 ... ..	1935 41	2,167	1,359	7,646	178
9 ... ..	1935 10	783	485	1,756	276
10 ... ..	1935 58	1,423	776	4,302	180
6 and 11 ... ..	1935 3	55	33	142	232
6-11 ... ..	1935 117 1930 111	4,618 5,930	2,774 3,450	14,456 17,431	192 198
12, 13 and 18 ... ..	1935 33 1930 30	5,225 6,920	1,877 2,690	10,303 14,727	182 183
14 ... ..	1935 46 1930 57	9,182 18,737	3,568 7,670	17,913 31,844	199 241
15 ... ..	1935 8	1,013	380	2,409	158
16 and 17 ... ..	1935 13	291	177	1,031	172
15-17 ... ..	1935 21 1930 27	1,304 2,269	557 1,191	3,440 5,928	162 201
TOTAL ... ..	1935 39 1930 40	35,814 62,724	15,924 27,553	82,020 133,453	194 206

\* For particulars *see* page xiii.

† Number of returns for 1930.

Table IV.—Sub-divisions of the industry

Group		Number of establishments*	Gross output	Net output	Number of persons employed	Net output per person employed
		No.	£'000	£'000	No.	£
Shipbuilders who are also marine engineers ...	1935	37	20,223	7,556	36,745	206
	1930	56	36,190	14,732	73,160	201
Shipbuilders who are not marine engineers ...	1935	121	6,318	2,318	14,664	158
	1930	129	15,796	6,072	29,508	206
Repairers only...	1935	227	8,981	5,924	29,891	198
	1930	202	10,065	6,372	29,007	220
Other firms ...	1935	7	292	126	720	175
	1930	18	673	377	1,778	212
TOTAL ...	1935	392	35,814	15,924	82,020	194
	1930	405	62,724	27,553	133,453	206

\* Number of returns for 1930.

## PRODUCTION

Table V A.—Output of principal products

Detailed particulars in the form in which returns were furnished at the Censuses of 1935 and 1930 are shown in Tables V B—F. For convenience of comparison the results are summarised below.

Work done in the year of return	1935	1930
On ships, boats, etc., wholly constructed in the year ...	£'000 3,727	£'000 14,338
On ships, boats, etc., completed in the year but not wholly constructed in the year ...	8,136	} 31,655
On ships, boats, etc., begun before or during the year and not completed at the end of the year ...	11,853	
Repair and maintenance work ...	12,203	16,213
TOTAL ...	35,919	62,206

Table V B.—Ships, Boats, etc., wholly constructed in the year

Kind of output	1935				1930		
	No.	Gross tonnage	Selling value	Entries	No.	Gross tonnage	Selling value
War vessels ...	—	Th. tons —	£'000 —	No. —	6	10.6*	1,278
Steam vessels ...	83	74.8	1,865	29	238	349.6	8,638
Motor vessels:—							
Exceeding 50 tons gross ...	39	30.3	774	23	40	97.7	2,851
Not exceeding 50 tons gross ...	358	3.7	363	51	230	1.8	214
Unclassified...	—	—	—	—	3	6.2	155
Sailing vessels...	109	0.6	61	25	273	1.2	126
Other vessels ...	71	...	7	2	350	...	59
Ships' and boats' fittings	450	20.2	292	39	672	23.7	555
TOTAL ...	579	...	41	20	912	...	64
	...	...	20	13	...	...	51
	...	...	114	42	...	...	227
TOTAL ...	...	...	3,727	...	...	...	14,338

\* Displacement tonnage.

Table V C.—Ships, Boats, etc., completed in the year of return but not wholly constructed in that year\*

Kind of output	1935			
	No.	Gross tonnage	Selling value	Entries
War vessels ...	24	Th. tons 50.7†	£'000 5,566	No. 11
Steam vessels ...	65	203.6	4,928	28
Motor vessels:—				
Exceeding 50 tons gross ...	54	199.0	5,165	31
Not exceeding 50 tons gross ...	60	0.8	117	20
Sailing vessels...	29	...	15	4
Other vessels ...	17	0.1	13	10
	100	9.2	138	19
	82	...	14	8
TOTAL ...	...	...	16,027	...
Less work in progress at the beginning of the year ...	...	...	7,891	...
Total value of work done in the year on ships, boats, etc., completed but not wholly constructed in that year ...	...	...	8,136	...

\* Similar particulars for 1930 are not available (see Table V E).

† Displacement tonnage.

**Table V D.—New Construction Work done in the year of return on Ships, Boats, etc., begun before or during that year and not completed at the end of the year\***

New construction work	1935	
	Estimated value	Entries
War vessels ... ..	£'000	No.
Steam vessels ... ..	3,585	19
Motor vessels :—	3,882	35
Exceeding 50 tons gross ... ..	4,229	32
Not exceeding 50 tons gross ... ..	100	31
Sailing vessels ... ..	6	14
Other vessels ... ..	51	25
<b>TOTAL ... ..</b>	<b>11,853</b>	<b>...</b>

\* Similar particulars for 1930 are not available (see Table V E).

**Table V E.—New Construction Work done on Ships, Boats, etc., not wholly constructed in the year**

New construction work	1930
	Estimated value
War vessels... ..	£'000
Steam vessels ... ..	2,756
Motor vessels :—	12,021
Exceeding 50 tons gross ... ..	9,408
Not exceeding 50 tons gross ... ..	2,565
Unclassified vessels ... ..	3,393
Sailing vessels ... ..	30
Other vessels (including floating docks)... ..	1,482
<b>TOTAL ... ..</b>	<b>31,655</b>

**Table V F.—Repair and Maintenance Work done in the year of return on Ships, Boats, etc.**

Repair and maintenance work	1935		1930
	Estimated value	Entries	Estimated value
War vessels ... ..	£'000	No.	£'000
Steam vessels ... ..	213	19	9
Motor vessels :—	8,549	229	12,713
Exceeding 50 tons gross ... ..	1,744	125	1,017
Not exceeding 50 tons gross ... ..	152	85	128
Unclassified ... ..	—	—	22
Sailing vessels ... ..	191	71	166
Other vessels ... ..	467	132	510
Unspecified vessels ... ..	—	—	854
Painting, plumbing and other maintenance work on ships ... ..	887	158	794
<b>TOTAL ... ..</b>	<b>12,203</b>	<b>...</b>	<b>16,213</b>

The figures shown in Tables V B—F include the following output recorded by firms whose returns were made on schedules for other trades and are not, therefore, included in Table I A.

Kind of output	1935		1930
	Value	Entries	Value
Ships, boats, etc., wholly constructed in year of return :—	£'000	No.	£'000
Vessels other than steam or sailing ... ..	9	3	11
Ships' and boats' fittings (blocks, masts, spars, oars, etc.) ... ..	26	4	112
New construction work done in the year of return on ships, boats, etc., not wholly constructed in that year :—			
Motor vessels, not exceeding 50 tons gross ... ..	—	—	1
Repair and maintenance work done in the year of return to ships, boats, etc. :—			
Steam vessels ... ..	—	—	45
Other vessels ... ..	2	2	—
Unspecified ... ..	—	—	12
Painting, plumbing, and other maintenance work on ships ... ..	406	69	91
<b>TOTAL ... ..</b>	<b>443</b>	<b>...</b>	<b>272</b>

**Table VI.—Average values of goods produced, exported and imported**

For purposes of comparison with exports and imports, the production figures shown below for 1935 represent the combined average of vessels wholly constructed in the year (Table V B) and those completed but not wholly constructed in the year (Table V C); for 1930 they are based on ships, etc., wholly constructed during the year.

It should be borne in mind that the vessels included under the specified descriptions may vary considerably in type and in the materials used in their construction, and that variations of this kind between the two censal years are not accounted for in the values shown.

Ships and boats (new), complete	Production (at factory)		Exports (f.o.b.)		Imports (c.i.f.)	
	Average value		Average value		Average value	
	1935	1930	1935	1930	1935	1930
		1935 as a percentage of 1930				
	£ per displacement ton	Per cent	£ per displacement ton			
War vessels ...	109.7   120.6	90.9	207.7	132.7	—	—
	£ per gross ton		£ per gross ton			
Steam vessels ...	24.4   24.7	98.8	19.9*	22.0*	—	—
Motor vessels:—						
Exceeding 50 tons gross ...	25.9   28.9	89.9	24.3*	16.4*	—	—
Not exceeding 50 tons gross ...	108.0   116.8	92.5	112.5*	122.7*	95.6*	156.2*
Sailing vessels ...	101.9   106.6	95.6	130.3	55.5	83.6	141.0
Other vessels ...	14.6   23.4	62.4	50.7	27.2	11.1	14.7

\* Hull and fittings only, excluding engines and other machinery.

**Table VII.—Volume of Production, 1924-1935**

Output	1924	1930	1935
	£'000	£'000	£'000
Value of output as returned ...	53,952	62,206	35,919
Estimated value at 1935 prices*	61,500	58,500	35,919
	Per cent.	Per cent.	Per cent.
Volume of production as a percentage of 1935	171	163	100

\* In the absence of complete quantitative particulars, precise and detailed comparison of the production of this trade in 1935 and 1930 is impracticable. The above estimates are based on prices of materials and other manufacturing costs as well as on such quantitative particulars as were recorded.

**Table VIII.—Production in relation to Exports and Imports**

For purposes of comparison with exports and imports, the production figures shown below for 1935 represent the aggregate of vessels wholly constructed in the year (Table V B) and those completed but not wholly constructed in the year (Table V C). Estimates are included in respect of vessels not recorded by tonnage. The export figures include all new ships and boats built in the United Kingdom and sold to owners abroad, if not registered in the United Kingdom, or if so registered only for the purpose of delivery or transfer abroad.

Ships and boats (new), complete	(a) Number	(b) Gross tons	Production	Exports	Proportion of production exported	Retained imports	Available for use in the United Kingdom	Share of home market held by British goods
War vessels	(a) { 1935 * 24	{ 1930 8	{ 1935 50,752†	{ 1930 4,210†	{ 1935 33.3	{ 1930 8	{ 1935 16	{ 1930 100.0
	(b) { 1935 * 5,331†	{ 1930 26	{ 1935 278,513	{ 1930 45,596	{ 1935 8.3	{ 1930 131	{ 1935 232,917	{ 1930 100.0
Steam vessels	(a) { 1935 149	{ 1930 26	{ 1935 278,513	{ 1930 45,596	{ 1935 17.4	{ 1930 131	{ 1935 232,917	{ 1930 100.0
Motor vessels:—	(a) { 1935 102	{ 1930 10	{ 1935 237,836	{ 1930 16,698	{ 1935 9.8	{ 1930 69	{ 1935 221,139	{ 1930 100.0
Exceeding 50 tons gross ...	(b) { 1935 * 354,918	{ 1930 103	{ 1935 237,836	{ 1930 16,698	{ 1935 7.0	{ 1930 169	{ 1935 221,139	{ 1930 100.0
Not exceeding 50 tons gross ...	(a) { 1935 508	{ 1930 169	{ 1935 4,879	{ 1930 1,092	{ 1935 20.3	{ 1930 49	{ 1935 454	{ 1930 89.2
Sailing vessels	(a) { 1935 197	{ 1930 83	{ 1935 197	{ 1930 83	{ 1935 4.1	{ 1930 21	{ 1935 214	{ 1930 88.3
Other vessels	(a) { 1935 1,274	{ 1930 604	{ 1935 34,536	{ 1930 983	{ 1935 2.8	{ 1930 221	{ 1935 39,766	{ 1930 84.4
	(b) { 1935 * 12,103	{ 1930 259	{ 1935 34,536	{ 1930 983	{ 1935 2.8	{ 1930 8,856	{ 1935 39,766	{ 1930 84.4

\* Not available.

† Displacement tonnage.

The following figures show the value of all work of new construction carried out on ships and boats in 1935 and 1930, in relation to the value of new complete ships and boats exported and imported in those years.

Particulars	1935	1930
Work of new construction ...	£'000 23,716	£'000 45,993
Ships and boats (new), complete:—		
Exports ...	3,078	20,142
Retained imports ...	81	143

**Table IX.—Production of marine machinery by shipbuilding firms**

Shipbuilding firms that maintained their own marine engineering shops furnished separate returns at both Censuses on schedules for the Mechanical Engineering Trade. The following table shows, in summary form, the output of marine machinery and parts thereof made in these shops in 1935 and 1930. It should be understood that this output is accounted for in the aggregates for the Mechanical Engineering Trade, and does not form part of the output of the Shipbuilding Trade as defined for purposes of the present report. No allowance has been made in this table for work in progress either at the beginning or at the end of the respective years.

Marine machinery (a) Complete machines (b) Replacement parts	1935		1930	
	Quantity	Value	Quantity	Value
Marine engines :—	No. of sets	£'000	No. of sets	£'000
Steam reciprocating* ...	{ (a) 53 (b) ...	383 19	208	2,315 31
Steam turbine* ...	{ (a) 41 (b) ...	2,551 24	89	3,758 31
Internal combustion :— Engines for motor boats ...	{ (a) 381 (b) ...	91 13		
Other :—	No. of sets			
1,000 shaft h.p. and over ...	{ (a) 23 (b) ...	1,257 46	{ (a) 533† (b) ...	7,497† 207
Under 1,000 shaft h.p. ...	{ (a) 240 (b) ...	216 7		
Marine boilers :—	No.		No.	
Water tube ...	{ (a) 62 (b) ...	411 181	{ (a) 419 (b) ...	1,367 8
Other ...	{ (a) ... (b) ...	1		
Other marine machinery ...	{ (a) ... (b) ...	276 89		1,090 152
TOTAL ...		5,565		16,456

\* The 1935 figures relate to propelling machinery only.

† Including a relatively small amount in respect of turbo-electric engines.

**Table X.—Other output of the Shipbuilding Trade**

The value of the gross output of the firms whose returns were made on schedules for the Shipbuilding Trade was £35,814,000 in 1935 and £62,724,000 in 1930, of which £35,476,000 in 1935 and £61,934,000 in 1930 consisted of output included in Table V A. Particulars of the remaining items are shown below.

Kind of output	1935	1930
Machinery and plant ...	£'000	£'000
Other iron and steel manufactures ...	12	32
Other goods made ...	14	42
Building and contracting work and constructional engineering ...	175	198
Other work done ...	24*	163*
	113*	355*
TOTAL ...	338	790

\* Amount received.

**MATERIALS AND FUEL****Table XI A.—Materials, fuel and electricity purchased and used**

Kind of materials, etc.	1935		1930
	Quantity	Cost	Cost
Iron and steel :—	Th. tons	£'000	£'000
Plates and sheets ...	237.2	2,054	} 33,811
Angles and sections ...	99.2	806	
Bars and rods ...	12.3	127	
Castings* ...	10.9	276	
Forgings* ...	4.0	252	
Tubes* ...	5.2	155	
	...	29	
Bolts, nuts and rivets ...	20.1	253	
Fuel and electricity used for all purposes :—			
Coal ...	94.8	93	
Coke ...	34.4	47	
Heavy fuel oil ...	2,052	33	
	Th. B.T.U. (Kw.-hrs.)		
Purchased electricity† ...	89,223	287	
All other purchased materials and fuel ...	...	14,800	
TOTAL ...	...	19,212	33,811

\* Not forming part of purchased machinery.

† Including electricity generated in other works under the same ownership.

**Table XI B.—Consumption of coal, coke and electricity**

Kind of fuel	1935	1930
Coal ...	Th. tons	Th. tons
	94.8	163.2
Coke ...	34.4	48.8
Electricity :—	Th. B.T.U. (Kw.-hrs.)	Th. B.T.U. (Kw.-hrs.)
Generated in same works ...	5,542	17,805
Generated in other works under same ownership ...	3,606	4,276
Purchased ...	85,617	107,947
Total electricity consumed ...	94,765	130,028

## EMPLOYMENT

Table XII A.—Average numbers employed

Persons employed	Males		Females		Total		
	Under 18	All ages	Under 18	All ages	Under 18	All ages	
Operatives (average for the year) ...	1935	8,127	74,553	75	505	8,202	75,058
	1930	13,505	123,508	100	848	13,605	124,356
Administrative, technical and clerical staff*	1935	437	5,894	108	1,068	545	6,962
	1930	722	7,702	163	1,395	885	9,097
TOTAL ...	1935	8,564	80,447	183	1,573	8,747	82,020
	1930	14,227	131,210	263	2,243	14,490	133,453

\* As at 12th October, 1935, and 18th October, 1930.

Table XII B.—Operatives employed in one week in each month of 1930 and 1935 by firms furnishing returns in respect of the twelve months ended December

Mid week of*	Operatives employed		Monthly index ‡	
	1930 †	1935	1930 †	1935
January ...	81,249	49,772	179.5	97.8
February ...	76,514	49,227	169.0	96.7
March ...	76,648	48,783	169.3	95.8
April ...	75,248	48,570	166.2	95.4
May ...	74,957	49,397	165.6	97.0
June ...	72,009	49,272	159.1	96.8
July ...	70,821	50,796	156.4	99.8
August ...	67,433	49,181	149.0	96.6
September ...	63,874	50,043	141.1	98.3
October ...	60,056	51,498	132.7	101.2
November ...	59,386	56,304	131.2	110.6
December ...	55,696	58,010	123.0	114.0
Average for the twelve months ...	69,491	50,904	153.5	100.0
Proportion of total operatives represented ...	60.30	67.82	...	...

\* For the ending date of each week see page xiv.

† Great Britain only.

‡ Based on the estimated average for the year 1935.

Table XII C.—Average numbers employed, 1924-1935

Year	Operatives	Administrative, technical and clerical staff	Total
1924 ...	131,184	10,683	141,867
1930 ...	124,356	9,097	133,453
1935 ...	75,058	6,962	82,020

## WAGES

Table XIII.—Wages paid by firms furnishing returns of wages

The aggregate amount of wages paid by firms furnishing returns of wages was £7,232,000 in 1935 representing 64.8 per cent. of the net output of these firms, the corresponding figures for 1930 being £8,526,000 and 68.6 per cent. The figures for these firms given below indicate the size of the sample and the extent to which it is representative.

Firms furnishing returns of wages	1935		1930*	
	Aggregate	Proportion of trade	Aggregate	Proportion of trade
	£'000	Per cent.	£'000	Per cent.
Gross output... ..	27,094	75.7	28,316	49.4
Net output ... ..	11,160	70.1	12,433	48.0
Operative staff employed :—	No.		No.	
During mid-week of October :—				
Males ... ..	52,523	70.4	†	†
Females ... ..	248	49.9		
Total ... ..	52,771	70.2	55,447	53.3
Average for the year ... ..	52,280	69.7	60,685	52.7
Administrative, technical and clerical staff ... ..	4,805	69.0	†	†
Number of establishments ... ..	189	48.2	...	...

\* Great Britain only.

† Not recorded separately.

## COUNTRY TABLES (1935)

Note.—The figures given in the following tables relate only to firms whose returns were made on schedules for the Shipbuilding Trade. Owing to the possible disclosure of information relating to individual firms separate particulars for Northern Ireland cannot be given.

Table I.—General summary

Particulars	Unit	England and Wales and Northern Ireland	Scotland	United Kingdom
Value of products (Gross output) ...	£'000	25,328	10,486	35,814
Cost of materials, fuel and electricity used ...	"	12,887	6,325	19,212
Amount paid for work given out ...	"	642	36	678
Net output ...	"	11,799	4,125	15,924
Average number of persons employed	No.	60,667	21,353	82,020
Net output per person employed ...	£	194	193	194
Number of returns ...	No.	295	67	362
Number of establishments ...	"	325	67	392

Table II.—Output

Kind of output	Unit	England and Wales and Northern Ireland	Scotland	United Kingdom
<i>Ships, boats, etc., wholly constructed in the year :—</i>	No.	50	33	83
Steam vessels... { Number and tonnage stated ...	Gross tonnage	38.4	36.4	74.8
{ Value only stated ...	£'000	985	880	1,865
Motor vessels :—	No.	22	17	39
Exceeding 50 tons gross { Number and tonnage stated ...	Gross tonnage	19.1	11.2	30.3
{ Value only stated...	£'000	422	352	774
{ Value only stated...	£'000	98	56	154
Not exceeding 50 tons gross { Number and tonnage stated ...	Gross tonnage	3.1	0.6	3.7
{ Value only stated...	£'000	304	59	363
{ Value only stated...	No.	32	5	37
{ Value only stated...	£'000	9	8	17
{ Value only stated...	£'000	15	—	15
{ Value only stated...	No.	96	11	107
Sailing vessels... { Number and tonnage stated ...	Gross tonnage	0.5	0.1	0.6
{ Value only stated...	£'000	54	6	60
{ Value only stated...	No.	10	61	71
{ Value only stated...	£'000	1	6	7
{ Value only stated...	£'000	1	—	1
{ Value only stated...	No.	441	9	450
Other vessels ... { Number and tonnage stated ...	Gross tonnage	17.3	2.9	20.2
{ Value only stated...	£'000	217	75	292
{ Value only stated...	No.	372	166	538
{ Value only stated...	£'000	19	21	40
{ Value only stated...	£'000	10	2	12
Ships' and boats' fittings ...	£'000	78	10	88
Total value of ships, etc., wholly constructed in the year ...	£'000	2,213	1,479	3,692

Kind of output	Unit	England and Wales and Northern Ireland	Scotland	United Kingdom
<i>Ships, boats, etc., completed in the year of return, but not wholly constructed in that year :—</i>	No.	16	8	24
War vessels ... { Displacement tonnage	£'000	30.4	20.3	50.7
{ Value only stated...	£'000	3,891	1,675	5,566
Steam vessels ... { No.	No.	36	29	65
{ Gross tonnage	£'000	105.0	98.6	203.6
{ Value only stated...	£'000	3,076	1,852	4,928
Motor vessels :—	No.	34	20	54
Exceeding 50 tons gross { Number and tonnage stated ...	Gross tonnage	113.5	85.5	199.0
{ Value only stated...	£'000	3,266	1,899	5,165
{ Value only stated...	£'000	67	—	67
{ Value only stated...	No.	53	7	60
Not exceeding 50 tons gross { Number and tonnage stated ...	Gross tonnage	0.7	0.1	0.8
{ Value only stated...	£'000	103	14	117
{ Value only stated...	No.	29	—	29
{ Value only stated...	£'000	15	—	15
{ Value only stated...	£'000	4	—	4
Sailing vessels ... { No.	No.	*	*	17
{ Gross tonnage	£'000	*	*	0.1
{ Value only stated...	£'000	*	*	13
{ Value only stated...	No.	*	*	100
Other vessels ... { Number and tonnage stated ...	Gross tonnage	*	*	9.2
{ Value only stated...	£'000	*	*	138
{ Value only stated...	No.	*	*	82
{ Value only stated...	£'000	*	*	14
Total ...	£'000	10,547	5,480	16,027
Less work in progress at the beginning of the year ...	£'000	4,680	3,211	7,891
Total value of work done in the year on ships, boats, etc., completed in the year, but not wholly constructed in that year ...	£'000	5,867	2,269	8,136
<i>New construction work done in the year of return on ships, boats, etc., begun before or during that year and not completed at the end of the year :—</i>				
War vessels ...	£'000	2,024	1,561	3,585
Steam vessels ...	"	963	2,919	3,882
Motor vessels :—				
Exceeding 50 tons gross ...	"	3,226	1,003	4,229
Not exceeding 50 tons gross ...	"	94	6	100
Sailing vessels ...	"	*	*	6
Other vessels ...	"	*	*	51
Total value of new construction, etc.	£'000	6,360	5,493	11,853

Kind of output	Unit	England and Wales and Northern Ireland	Scotland	United Kingdom
<i>Repair and maintenance work done in the year of return on ships, boats, etc.†:—</i>				
War vessels ... ..	£'000	205	8	213
Steam vessels ... ..	"	7,702	847	8,549
Motor vessels:—				
Exceeding 50 tons gross ... ..	"	1,548	196	1,744
Not exceeding 50 tons gross ... ..	"	141	11	152
Sailing vessels ... ..	"	170	21	191
Other vessels ... ..	"	414	51	465
Painting, plumbing and other work done ... ..	"	408	73	481
Total value of repair work ... ..	£'000	10,588	1,207	11,795
<i>Other goods made:—</i>				
Machinery and plant ... ..	£'000	11	1	12
Other iron and steel manufactures ... ..	"	9	5	14
Other goods made ... ..	"	147	28	175
Building and contracting work and constructional engineering ... ..	"	21‡	3‡	24‡
Other work done ... ..	"	112‡	1‡	113‡
TOTAL—VALUE OF PRODUCTS AND WORK DONE (GROSS OUTPUT) ... ..	£'000	25,328	10,486	35,814

\* Owing to the possible disclosure of information relating to individual firms, separate particulars cannot be given.

† Estimated value of work done.

‡ Amount received.

Table III A.—Materials, fuel and electricity purchased and used

Kind of materials, etc.	Unit	England and Wales and Northern Ireland	Scotland	United Kingdom
<i>Iron and steel:—</i>				
Plates and sheets ... ..	<i>Th. tons</i>	140.4	96.8	237.2
	£'000	1,203	851	2,054
Angles and sections ... ..	<i>Th. tons</i>	56.2	43.0	99.2
	£'000	456	350	806
Bars and rods ... ..	<i>Th. tons</i>	8.0	4.3	12.3
	£'000	88	39	127
Castings* ... ..	<i>Th. tons</i>	7.2	3.7	10.9
	£'000	166	110	276
Forgings* ... ..	<i>Th. tons</i>	1.8	2.2	4.0
	£'000	88	164	252
Tubes* ... ..	<i>Th. tons</i>	3.3	1.9	5.2
	£'000	89	66	155
	Weight stated ...	£'000	22	29
	Weight not stated	<i>Th. tons</i>	11.9	8.2
	£'000	160	93	253
<i>Fuel and electricity used for all purposes:—</i>				
Coal ... ..	<i>Th. tons</i>	65.9	28.9	94.8
	£'000	66	27	93
Coke ... ..	<i>Th. tons</i>	22.4	12.0	34.4
	£'000	32	15	47
Heavy fuel oil ... ..	<i>Th. galls.</i>	1,090	962	2,052
	£'000	17	16	33
	<i>Th. B.T.U.</i>			
Purchased electricity† ... ..	( <i>Kw.-hrs.</i> )	57,224	31,999	89,223
	£'000	192	95	287
All other purchased materials and fuel	£'000	10,308	4,492	14,800
TOTAL ... ..	£'000	12,887	6,325	19,212

\* Not forming part of purchased machinery.

† Including electricity generated in other works under the same ownership.



Table III B.—Consumption of electricity

Electricity consumed	England and Wales and Northern Ireland	Scotland	United Kingdom
	Th. B.T.U. (Kw.-hrs.)	Th. B.T.U. (Kw.-hrs.)	Th. B.T.U. (Kw.-hrs.)
Generated in same works ... ..	5,481	61	5,542
Generated in other works under same ownership ... ..	3,606	—	3,606
Purchased ... ..	53,618	31,999	85,617
<b>TOTAL</b> ... ..	<b>62,705</b>	<b>32,060</b>	<b>94,765</b>

Table IV A.—Numbers employed in week ended 12th October, 1935

Persons employed	Males		Females		Total	
	Under 18	All ages	Under 18	All ages	Under 18	All ages
England and Wales and Northern Ireland :—						
Operatives ... ..	5,615	54,436	21	231	5,636	54,667
Administrative, etc.* ... ..	292	4,298	68	707	360	5,005
<b>Total</b> ... ..	<b>5,907</b>	<b>58,734</b>	<b>89</b>	<b>938</b>	<b>5,996</b>	<b>59,672</b>
Scotland :—						
Operatives ... ..	2,491	20,212	53	266	2,544	20,478
Administrative, etc.* ... ..	145	1,596	40	361	185	1,957
<b>Total</b> ... ..	<b>2,636</b>	<b>21,808</b>	<b>93</b>	<b>627</b>	<b>2,729</b>	<b>22,435</b>
United Kingdom :—						
Operatives ... ..	8,106	74,648	74	497	8,180	75,145
Administrative, etc.* ... ..	437	5,894	108	1,068	545	6,962
<b>TOTAL</b> ... ..	<b>8,543</b>	<b>80,542</b>	<b>182</b>	<b>1,565</b>	<b>8,725</b>	<b>82,107</b>

\* Administrative, technical and clerical staff.

Table IV B.—Operatives employed in one week in each month of 1935

Week ended	Males and females		
	England and Wales and Northern Ireland	Scotland	United Kingdom
January 19 ... ..	59,025	19,633	78,658
February 16 ... ..	57,020	18,950	75,970
March 16 ... ..	53,878	19,579	73,457
April 13 ... ..	54,284	18,543	72,827
May 18 ... ..	53,834	18,470	72,304
June 15 ... ..	53,331	19,036	72,367
July 13 ... ..	55,963	16,630	72,593
August 17 ... ..	53,062	18,307	71,369
September 14 ... ..	52,952	19,173	72,125
October 12 ... ..	54,667	20,478	75,145
November 16 ... ..	57,984	21,710	79,694
December 14 ... ..	61,940	22,243	84,183
Average for the twelve months ... ..	55,662	19,396	75,058

Table V.—Firms employing not more than ten persons on the average

Particulars	England and Wales and Northern Ireland	Scotland	United Kingdom
	No.	No.	No.
Number of returns received ... ..	437	78	515
Average number of persons employed :—			
Males ... ..	2,159	320	2,479
Females ... ..	48	28	76
<b>Total</b> ... ..	<b>2,207</b>	<b>348</b>	<b>2,555</b>