THE SMALL ARMS TRADE (PRIVATE FIRMS) INTRODUCTORY

This trade comprises private firms that were engaged wholly or mainly in the manufacture of small arms and parts thereof. Particulars of the output of similar goods at Government Ordnance Factories are included in Part IV of the Report.

The figures for 1934 have been amended throughout this report, but the figures for that year and also for 1933 are still somewhat defective compared with those for 1935.

Table I A.—General summary

1935	1934	1933	1930	1924
£'000	€'000	£'000	£'000	£'000
422	323	340	485	624
131	92	76	165	240
4	3	2	10	10
No. 287	No.	No.	310 No.	374 No.
1,399 £	1,040 £	975 £	1,366 £	2,100 £
205 No.	219	268	227 No.	178 No.
26 31	} *	* {	27 33	33
	£'000 422 131 4 287 No. 1,399 £ 205 No. 26	£'000 £'000 422 323 131 92 4 3 287 228 No. No. 1,399 1,040 £ 205 219 No. 26	£'000 £'000 £'000 422 323 340 131 92 76 4 3 2 287 228 262 No. No. No. 1,399 1,040 975 £ £ £ 205 219 268 No. 26 *	£'000 £'000 £'000 £'000 £'000 422 323 340 485 131 92 76 165 4 3 2 10 287 228 262 310 No. No. No. No. 1,399 1,040 975 1,366 £ £ £ £ No. 205 219 268 227 No. 26 * * *

^{*} Not available.

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

	Series X	T							1
Particulars				1935	1930	1924			
Number of r	eturns	receive	ed	1076	est Mari		No. 104	No. 144	No. 89
Average nun	aber of	person	ns empl	oyed :-	_				
Males Females							395 53	425 58	319 21
			Тота	idi	entar.	ton	448	483	340
Number of fi	rms no	ot mak	ing retu	rns	99.60	****	_	16	45

In 1924 the value of the gross output of the small firms making returns was 16.6 per cent. of the total, the principal classes of goods affected being:

Kind of output	Value	Proportion of total
Parts and accessories of small arms Other goods made	£'000 30 11 52 31*	Per cent. 10·6 14·1 21·8 50·8
TOTAL	124	16.6

^{*} Amount received.

Table II.—Size of establishments in 1935

Size of establishment (average number employed)	Number of establish- ments	Gross output	Net output	Number of persons employed (excluding out- workers)	Net output per person employed
11–24 25–49	No. 14 11	£'000 81 137	£'000 47 89	No. 209 372	£ 224 240
Total	31	422	287	1,399	205

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 (excluding out-workers)	Net output per person employed
5 $\begin{cases} 1935 \\ r930 \end{cases}$ 1 and 15 $\begin{cases} 1935 \\ r930 \end{cases}$	No.	£'000	£'000	No.	£
	18	262	187	938	200
	20	347	221	1,007	219
	13	160	100	461	216
	7	138	89	359	249
TOTAL $\begin{cases} 1935 \\ 1930 \end{cases}$	31	4 ²²	287	1,399	205
	27	4 ⁸ 5	310	1,366	227

Table IV.—No sub-divisions of this trade have been distinguished.

^{*} For particulars see page xviii. † Number of returns for 1930.

PRODUCTION

Table V A.—Output of principal products

Owing to the limited number of firms engaged in the manufacture of certain kinds of small arms and parts, particulars of production can only be published in the grouping set out below.

Kind of output		1935	1934		
The Park of the Season of the Season	Quantity	Value	Entries	Quantity	Value
Sporting guns Sporting carbines and rifles Other small arms, complete* Parts and accessories of small arms Swords, cutlasses, bayonets	No. 12,889 1,852 	£'000 126 17 57	No. 20 10 10	No. 8,291 1,195	£'000 87 10
and arms of other sorts, not firearms Repair work and work done for the trade		33†	25	desperde	26†
TOTAL—PRINCIPAL PRODUCTS		298			235

^{*} Including military rifles and carbines, revolvers and pistols, air guns, air rifles and air pistols and mechanical cattle killers.

† Amount received.

The figures shown in the preceding table 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	1934		
	Quantity	Value	Entries	Quantity	Value
Sporting carbines and rifles Other small arms, complete Parts and accessories of small arms, and swords, cutlasses, etc	No. 502 	£'000 4 8	No. 1 3	}	£'000
Тотац		18			28

Table V B.—Output of certain principal products, 1924-1935

Kind of output	1924	1930	1933	1934	1935
Sporting guns $\begin{cases} No. \\ \xi' \circ oo \end{cases}$ Sporting carbines $\begin{cases} No. \\ f' \circ oo \end{cases}$ Other principal pro-	22,800 276	11,840 178 1,133 20	6,508 73 986 9	8,291 87 1,195 10	12,889 126 1,852 17
ducts £'000	224	188	104	138	155
Total—Principal products £'000	_ 500	386	186	235	298

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

en Francisco de la con-	Production (at factory)				oorts .b.)	Imports (c.i.f.)			
Kind of goods	Average value		Average value 1935 as a per-		as a Average va		age value as a Average value Average		e value
	1935	1934	of 1934	1935	1934	1935	1934		
and the property of the party o	£ each	£ each	Per cent.	£ each	£ each	£ each	£ each		
Sporting guns Sporting carbines and	9.77	10.47	93.4	9.39	9.41	1.14	1.29		
rifles	8.91	8.57	103.9	11.53	10.65	1.58	1.64		

Table VII.—Volume of Production, 1924-1935

	Tota	al product	tion	Production index (1935 = 100)				
Kind of output	1935 as returned	As returned	At 1935 average	1924	1930	1933	1934	
All to require the	£'000	£'000	t'ooo	Per	Per	Per	Per cent.	
Sporting guns	126	87	81	cent.	cent.	cent.	64	
Sporting carbines and rifles Other small arms, com-	17	10	11	100	61	53	65	
plete Parts and accessories of small arms Swords, cutlasses, bayonets and arms of other sorts, not firearms) 122	112	120	162	>100	50	98	
Repair work and work done for the trade	33	26	26	93	93	76	79	
TOTAL	298	235	238	154	94	53	80	

Table VIII.—Exports and Imports

Kind of goods	Expe	orts	Retained imports	
	Quantity	Value (f.o.b.)	Quantity	Value (c.i.f.)
Sporting guns $\begin{bmatrix} 1935 \\ 1934 \end{bmatrix}$ Sporting carbines and rifles $\begin{bmatrix} 1935 \\ 1935 \\ 1934 \end{bmatrix}$	Number 5,742 4,795 1,510 1,570	£'000 54 45 17 17	Number 14,698 3,291 1,888 553	£'000 14 3 3
Military rifles and carbines { 1935	2,473 3,484 4,391 1,861 2,977 3,152 4,164 2,822	13 15 11 7 7 7 9 5	18 2,177 1,715 99,159 44,111 880 562	† * I I 23 IO * I
Parts of guns, rifles, carbines and \$1935 air pistols 1934	Cwts. 659 924	37 30	Cwts. 567 915	6 8
Total $\left\{\begin{array}{c} 1935 \\ 1934 \end{array}\right\}$	23	148 126		47 23

* Less than £500. † Re-exports in excess of imports.

Particulars of production can be given only in the detail shown in Table V A. The export figures for sporting guns and sporting carbines and rifles probably include some second-hand guns sold after re-conditioning and those for military rifles and carbines may include guns manufactured at Government factories and sold to Dominion and Colonial Governments.

Table IX.—Other output of the Small Arms Trade

The value of the gross output of the firms whose returns were made on schedules for the Small Arms Trade was £422,000 in 1935 and £323,000 in 1934, of which £280,000 in 1935 and £207,000 in 1934 consisted of products included in Table VA. Particulars of the remaining items are shown below.

Kind of output	19	35	1934	
	Quantity	Value	Quantity	Value
Small arms ammunition (loaded car-	Thous.	£'000	Thous.	€,000
tridges) Other goods made	11,881	8 ₇ 55	9,385	66 50
TOTAL		142	out-live if	116

MATERIALS AND FUEL

Table X A .- Materials, fuel and electricity purchased and used

Kind of materials, etc.	193	35	1934	
	Quantity	Cost	Quantity	Cost
Fuel and electricity used for all purposes:—	Th. tons	£'000		£'000
Coal	0.7	I		
Coke	0·4 Th. galls.	I		Tana i
Heavy fuel oil	37 Th. B.T.U.	I	}	92
Dunch and alasticity	(Kwhrs.)			
Purchased electricity	1,197	4		
All purchased materials and other fuel		124	J	
TOTAL		131		92

Table X B.—Consumption of coal, coke and electricity in 1935 and 1930

Kind of fu		1935	1930	
Coal			Th. tons 0.7 0.4	Th. tons 0.8 0.3
Electricity:— Generated in same works Purchased Total electricity con	 	 	Th. B.T.U. (Kwhrs.) 95 1,197	Th. B.T.U. (Kwhrs.) 62 1,091

EMPLOYMENT

Table XI A.—Average numbers employed in 1935 and 1934

1 520	Males		Females		Total	
Persons employed	Under 18	All ages	Under 18	All	Under 18	All
Operatives (average for 1935 the year) 17934 Administrative, technical 1935 and clerical staff* 17934	156 110 9 13	1,038 755 140 121	42 24 14 18	143 104 78 60	198 134 23 31	1,181 859 218 181
Total $\{1935 \\ 1934 \}$	165 123	1,178 876	56 42	221 164	221 165	1,399
Average number of out- 1935 workers 1934	200 91		7		207 92	

* As at 12th October, 1935, and 13th October, 1934.

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Table XI B .- Operatives employed in one week in each month of 1934 and 1935 by firms furnishing returns in respect of the twelve months ended December

Mid week of*					Operatives employed		Monthly index†		
					1934	1935	1933	1934	1935
January					571	804	72.2	67.4	94.1
February					595	819	70.7	70.3	95.9
March					590	799	67.6	69.7	93.6
April					578	793	63.7	68.2	92.9
May					592	793	63.7	69.9	92.9
June					614	785	66.5	72.5	91.9
July					613	812	68.9	72.4	95.1
August	•••				633	858	69.0	74.7	100.5
September					656	888	72·I	77.5	104.0
October	•••				652	948	70.4	77.0	111.0
November	• • • • •				655	958	70.7	77.3	112.2
December	•••	•••	•••		639	987	70.3	75.5	115.6
Average fo	or the	twelve	months		616	854	68.8	72.7	100.0
Proportion	of	total	operat:	ives		- Com 1. 15			
represen	ted		•••	•••	71.71	72.31			

* For the ending date of each week see page xiv.
† Based on the estimated average for the year 1935.

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

Year		Operatives	Administrative, technical and clerical staff	Total (excluding outworkers)		
1924				 1,848	252	2,100
1930		•••		 1,176	190	1,366
1933				 812	163	975
1934				 859	181	1,040
1935	•••	•••		 1,181	218	1,399

WAGES

Table XII.—Wages paid by firms furnishing returns of wages in 1935 and 1930

The aggregate amount of wages paid by firms furnishing returns of wages was £88,000 in 1935 representing 57.0 per cent. of the net output of these firms, the corresponding figures for 1930 being £127,000 and 57.2 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	19	935	1930		
of wages	Aggregate	Proportion of trade	Aggregate	Proportion of trade	
Gross output Net output	£'000 243 155	Per cent. 57.6 54.0	£'000 350 222	Per cent. 72·2 71·6	
Operative staff employed :— During mid-week of October :— Males Females	No. 712 89	68·6 62·2	No. *	*	
Total	801	67.8	909	77.0	
Average for the year	734	62.2	889	75.6	
Administrative, technical and clerical staff	132	60.6	*	*	
Number of establishments	19	61.3			

* 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 Small Arms Trade.

Owing to the possible disclosure of information relating to individual firms, separate particulars cannot be given for England and Wales and for Scotland. No production of small arms was recorded for Northern Ireland.

Table I.—General summary (see page 202)

Table II.—Output

Kind of output	Quantity	Value
	No.	£'000
porting guns	. 12,889	126
porting carbines and rifles	. 1,350	13
Other small arms, complete		49
Parts and accessories of small arms)	AND STREET
Swords, cutlasses, bayonets, and arms of other sorts, not	}	59
firearms		reinit.
	Thous.	LOSSIES .
mall arms ammunition (loaded cartridges)	. 11,881	87
Other goods made		55
Repair work and work done for the trade		33*
Wine the address subsummers a supplied the two		
TOTAL		422

* Amount received.

Table III A.—Materials, fuel and electricity purchased and used (see page 207)

Table III B.—Consumption of electricity (see page 207)

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

	Males		Females		Total	
Persons employed	Under 18	All	Under 18	All ages	Under 18	All ages
Great Britain:— Operatives Administrative, technical and	166	1,105	45	152	211	1,257
clerical staff	9	140	14	78	23	218
TOTAL	175	1,245	59	230	234	1,475

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

Week ended	Males and females			
	Great Britain	490000 H		Great Britain
January 19	1,134	July 13		1,150
February 16	1,147	August 17		1,165
March 16	1,131	September 14		1,193
April 13	1,131	October 12		1,257
May 18	1,135	November 16		1,284
June 15	1,127	December 14		1,315
₽• = €	Average fo	r the twelve months		1,181

Table IV C.—Numbers of outworkers at two specified periods in 1935

Country	January			July			
A STATE OF THE STA	Males	Females	Total	Males	Females	Total	
Great Britain	197	6	203	203	9	212	

Table V.—Firms employing not more than ten persons on the average (see page 202)