

THE LEATHER (TANNING AND DRESSING) TRADE.

Note.—For information regarding the scope of the Census, instructions given to firms for making returns, and definitions of the terms used in this report, reference should be made to the Introductory Notes on pages v to xviii.

Introductory.

This trade comprises firms that were engaged wholly or mainly in the tanning or dressing of leather and in the manufacture of machinery belting.

The following table shows the main results of the Censuses of 1930 and 1924 in respect of firms in Great Britain that employed an average of more than 10 persons :—

Particulars.	Unit.	1930.	1924.
Value of goods made and work done (Gross output)	£'000	27,792	32,215
Cost of materials used	„	20,206	23,612
Paid for work given out to other firms	„	231	159
Net output	„	7,355	8,444
Average number of persons employed	No.	28,506	30,413
Net output per person employed	£	258	278
Mechanical power available :—			
Prime movers	H.P.	32,596	33,910
Electric motors driven by purchased electricity	„	39,676	32,291
Number of returns	No.	443	495
Number of establishments	„	471	*

* Not available.

Deficiencies in 1930 aggregates.—The aggregate number of persons employed in 1930 by firms that stated that they employed not more than 10 persons on the average was 2,216, the corresponding figure for 1924 being 1,283 (including those employed by firms in Northern Ireland). The value of the gross output of the small firms in 1924, including that of the few firms in Northern Ireland which cannot be shown separately, was £884,000, and particulars of the classes of goods included in this figure are given below :—

	£'000
Undressed leather :—	
Hide leather for soles	49
Sheep skins, whole or split	36
Dressed leather :—	
“ Other sorts ”* of upper leather	102
Hide, calf and kip (other than upper leather) ...	98
Sheep, goat and kid (other than upper leather) ...	109
“ Other sorts ”* of dressed leather	89
Machinery belting of leather	181
Machinery accessories of leather or hide	61
Other goods made, work done for the trade and waste sold	159
Total	884

In addition, 35 firms to which schedules were sent at the 1930 Census and 80 firms at that of 1924 furnished no information; these firms either had small businesses or had ceased productive operations before the end of the censal year.

Size of firms.—In the following table the main particulars recorded at the Census of 1930 are grouped according to the average numbers of persons shown in the returns :—

Size of firm (average numbers employed).	No. of returns.	Gross output.	Net output.	Average number of persons employed.	Net output per person employed.
11-24	141	£'000 1,840	£'000 567	2,504	£ 227
25-49	121	3,804	1,061	4,101	259
50-99	104	7,501	1,830	7,240	253
100-199	49	6,014	1,692	6,412	264
200-299	19	4,393	1,147	4,486	256
300 and over ...	9	4,240	1,058	3,763	281
TOTAL	443	27,792	7,355	28,506	258

* See table on page 335.

Regional distribution.—In the following table the results recorded at the Censuses of 1930 and 1924 are grouped according to the principal areas* of Great Britain in which firms in this trade are situated :—

Area.	No. of returns.	Gross output.	Net output.	Average number of persons employed.	Net output per person employed.
		£'000.	£'000.		£
1 ... {	1930 56	4,081	1,182	4,143	285
... {	1924 77	5,495	1,605	5,620	286
2 ... {	1930 97	9,213	2,354	8,153	289
... {	1924 101	9,728	2,472	7,699	321
3 ... {	1930 61	2,379	671	3,021	222
... {	1924 73	3,319	933	3,569	261
5 ... {	1930 30	1,048	358	1,435	250
... {	1924 45	1,939	523	2,271	230
6 ... {	1930 156	9,092	2,216	9,299	238
... {	1924 147	9,216	2,225	8,814	252
9 ... 1930	12	1,061	281	1,171	240
10 ... 1930	18	520	154	634	242
9 and 10 ... 1924	35	1,849	477	1,688	283
Other areas ... {	1930 13	398	139	650	214
... {	1924 17	669	209	752	278
TOTAL ... {	1930 443	27,792	7,355	28,506	258
... {	1924 495	32,215	8,444	30,413	278

Northern Ireland.—Owing to the risk of disclosing particulars relating to individual firms, separate details as to the production of the Leather Trade in Northern Ireland have not been published, the information obtained having been combined with that for the Saddlery, Harness and Leather Goods Trade. The aggregate figures for the two trades in 1930 and 1924 are shown below and relate, for each year, to firms that employed more than five persons on the average.

Particulars.	Unit.	1930.	1924.
Value of goods made and work done (Gross output)	£'000.	37	22
Cost of materials used and amount paid to other firms for work given out	„	22	14
Net output	„	15	8
Average number of persons employed	No.	145	72
Net output per person employed	£	103	111

* For particulars see page xviii.

Sub-divisions of the trade.—A large proportion of the firms engaged in the Leather Trade fall into certain well-defined groups, and the following table gives the principal particulars for 1930 in respect of these groups :—

Particulars.	Unit.	Firms mainly engaged in				Total.
		Tanning only.	Tanning and dressing.	Dressing only.	Other work*.	
Value of products and work done (Gross output) ...	£'000	11,100	7,795	6,747	2,150	27,792
Cost of materials used ...	"	8,545	5,493	5,000	1,168	20,206
Paid for work given out to other firms ...	"	47	11	170	3	231
Net output ...	"	2,508	2,291	1,577	979	7,355
Average number of persons employed ...	No.	8,025	10,003	6,563	3,915	28,506
Net output per person employed ...	£	313	229	240	250	258
Number of returns ...	No.	87	104	155	97	443

The relative importance of the four divisions of the trade as recorded for 1930 was somewhat different from that shown by the results of the 1924 Census. The latter related to all firms, but it is not thought that the exclusion of the small firms in 1930 has any material effect on the comparability of the figures. While there was relatively little change as regards firms mainly engaged in tanning only, the importance of firms engaged in both tanning and dressing declined to a considerable extent, and the other sections increased, the increase in respect of firms engaged mainly in work other than tanning and dressing being not only relative but absolute as regards both numbers employed and net output. The respective proportions, as measured by numbers employed and net output, are set out below :—

Firms mainly engaged in	Proportion of total numbers employed.		Proportion of aggregate net output.	
	1930.	1924.	1930.	1924.
Tanning only ...	28.1	28.0	34.1	32.5
Tanning and dressing ...	35.2	41.6	31.2	39.1
Dressing only ...	23.0	18.5	21.4	17.9
Other work* ...	13.7	11.9	13.3	10.5
TOTAL ...	100.0	100.0	100.0	100.0

* Including the manufacture of machinery belting and machinery accessories and work done for the trade.

Production.

Total make of undressed leather.—Firms that made their returns on schedules for the Leather Trade were required to state the total quantity of undressed leather made by them in the year from hides or sheep skins, whether subsequently sold in that state or dressed in their own works. Wherever possible, firms were asked to record their output in tons, but a statement of output in dozens or in square feet was accepted in those cases where quantities were usually calculated by those measures. The following table shows the total make of undressed leather returned by firms engaged in tanning only, together with the total returned by all firms on schedules for all trades in 1930 and 1924. The particulars returned for 1924 in respect of skins other than sheep skins are not included in the table.

Kind of undressed leather.	1930.					1924.		
	Returned by firms tanning only.		Returned by all firms.			Total.		
	Tons.	Dozens.	Tons.	Dozens.	Entries.	Tons.	Dozens.	Th. sq. ft.
Hide leather for soles (including rolled and pinned offal) ...	64,278	—	71,074	—	94	77,579	—	—
Hide leather, other than for soles :—								
Ox and cow (including kips and rough offal)	10,837	—	16,311	—	73	18,179	311	7,415
Calf ...	86	611	1,949	661	26	598	81	4,431
Other sorts ...	1,346	—	2,636†	—	34	2,365	1,655	712
Not separately distinguished ...	—	—	—	—	—	2,180	—	25,828
TOTAL—Hide leather	76,547	611	91,970	661	...	100,901	2,047	38,386
Sheep skins (rough tanned)* ...	102	36,729	6,757‡	257,645	62	892	631,471	24,088
TOTAL—Hide and sheepskin leather	76,649	37,340	98,727	258,306	...	101,793	633,518	62,474

* The description "rough tanned" was used for the first time at the 1930 Census and it is probable that the particulars obtained for that year are, in consequence, more complete than those obtained at the 1924 Census, since it is believed that the output of undressed leather recorded for 1924 by many firms engaged in tanning and dressing did not include the rough tanned skins which they also dressed.

† Including 21 tons returned on a schedule for another trade.

‡ Including 1 ton returned on a schedule for another trade.

Firms that tanned leather but did not dress it were, it appears from the table, responsible for 78 per cent. of the weight of all undressed leather returned in terms of weight, but for only a small proportion (about 14 per cent.) of the hides and skins returned in dozens.

The total value of the output of undressed leather by firms that were tanners only was £10,502,000, of which £10,414,000, or 99 per cent., represented leather returned by weight and £88,000 represented leather returned by dozens of hides or skins.

As regards the firms that dressed leather as well as tanned it, the following summary statement shows the proportion of their total make of undressed leather which was sold as such or added to stock. The figures do not include firms comprised within the group "Other work" (see page 332).

Kind of undressed leather.	Unit of quantity returned.	Total make.	Made for sale.		£'000
			Quantity.	Quantity.		Value.
Hide leather for soles	Tons	5,771	5,771		787
Hide leather, other than for soles :—					
Ox and cow (including kips and rough offal)	Tons	4,853	2,490		463
Calf	Tons	1,863	66		30
Other sorts	Dozens	50	—		—
Sheep skins (rough tanned) :—	Tons	825	372		69
Returned by					
Weight	Tons	6,619	3,243		549
Number	Dozens	220,916	113,457		174
TOTAL VALUE ... ..	...	...	...		2,072

While the whole of the hide leather for soles treated by these firms was sold as such, about half of the other classes of hides and skins, with the exception of calf hides, was apparently retained by the firms for further processing or manufacture in their own works. Nearly all the calf hides were so retained.

Principal products made for sale.—The following table shows the value and, where available, the quantity of leather, machinery belting of leather, etc., made in 1930 and 1924 for sale.

Kind of goods.	Unit.*	Returned on schedules for all trades.				
		1930.		1924.		
		Quantity.	Value.	Entries.	Quantity.	Value.
Leather, undressed :—			£'000.	No.		£'000.
Hide leather for soles (including rolled and pinned offal)	Tons.	71,054	9,263	93	77,579	10,920
Hide leather, other than for soles :—						
Ox and cow (including kips and rough offal)	Tons.	13,480	2,204	54	14,212	2,569
Calf	Tons.	152	68	13	255	96
Other sorts	Tons.	1,712	208	25	1,546	231
Skin leather :—						
Sheep, whole or split	Tons.	3,346	584	27	555	170
	Th. sq. ft.	—	—	—	5,305	101
	Dozens.	171,020	257	6	345,000	685
Other sorts, including goat	Tons.	122	37	10	429	73
	Th. sq. ft.	—	—	—	309	3
	Dozens.	3,216	18	1	25,000	54
Total value—Undressed leather ... ..	...	...	12,639	...	...	14,902
Leather, dressed :—						
Upper leather (other than patent and enamelled) :—						
Box and willow calf	Tons.	—	—	—	1,742	487
	Th. sq. ft.	24,190	783	25	18,741	963
	Dozens.	—	—	—	111	1
	Tons.	—	—	—	62	55
Glacé kid... ..	Th. sq. ft.	22,621	992	13	20,376	806
	Dozens.	—	—	—	48,480	103
Other sorts :—						
Chrome tanned	Th. sq. ft.	14,230	545	31	6,542†	1,400
Other	Th. sq. ft.	72,869	2,193	70	47,087†	1,618
					99,427†	256
Hide, calf and kip, other than upper leather	Tons.	370	114	8	3,637	1,073
	Th. sq. ft.	38,078	1,496	107	9,356	517
	Dozens.	448	11	3	674	12
Sheep, goat and kid, other than upper leather	Tons.	—	—	—	1,440	572
	Th. sq. ft.	113,534	3,552	109	49,108	1,528
	Dozens.	302,695	628	28	406,000	856
	Tons.	—	—	—	967	768
Patent or enamelled	Th. sq. ft.	16,724	837	10	2,057	110
	Dozens.	—	—	—	430	21
Other sorts of dressed leather	Tons.	351	87	5	3,345	816
	Th. sq. ft.	14,013	655	53	11,357	382
	Dozens.	1,401	16	3	103,000	316
Total value — Dressed leather ... ..	...	...	11,909	...	...	12,660

Kind of goods.	Unit.*	Returned on schedules for all trades.				
		1930.			1924.	
		Quantity.	Value.	Entries.	Quantity.	Value.
Hides and skins, pickled, etc.	Tons.	1,758	£'000. 119	No. 12	2,129	£'000. 208
	Th. sq. ft.	—	—	—	3,031	32
	Dozens.	69,422	63	3	162,000	249
Parchment and vellum ...	...	...	62	6	...	72
Machinery belting of leather	Tons.	1,383	868	64	2,418	1,405
Machinery accessories of leather or hide ...	...	...	513	58	...	501
Splits ...	Tons.	{ 943	57	16	§	
		†	17	1		
Hat leather, returned as such	...	||	||	||	...	574
TOTAL VALUE—PRINCIPAL PRODUCTS ...	...	...	26,247	...	...	30,603

* In the case of undressed leather it was not always possible for firms to return their output by weight and such firms were permitted to make their returns by square feet or dozens. Similarly with regard to dressed leather, firms were required to return their output in terms of square feet but in some cases tons or number of skins were accepted.

† 6,542 tons, 47,087,000 sq. ft. and 99,427 dozens.

‡ Quantity not stated.

§ Not recorded separately in 1924.

|| Included in the appropriate heading under "Leather, dressed."

The above totals include the following amounts returned for 1930 on schedules for trades other than the Leather Trade:—

Kind of goods.	Quantity.	Value.	Entries.
Leather, undressed:—	Tons.	£'000.	No.
Hide leather, other than for soles:—			
"Other sorts" ...	21	3	1
Skin leather:—			
Sheep, whole or split ...	1	1	1
Other sorts, including goat ...	8	2	1
Leather, dressed:—	Th. sq. ft.		
Hide, calf and kip, other than upper leather	7	*	1
Sheep, goat and kid, other than upper leather	697	22	5
Hides and skins, pickled, etc. ...	Tons.		
Machinery belting of leather ...	13	1	2
Machinery accessories of leather or hide ...	2	1	2
	...	6	2
TOTAL VALUE ...	...	36	...

* Less than £500.

Work done for the trade.—The total amount recorded as received for work done for the trade in 1930 was £448,000, including £359,000 in respect of dressing and finishing, £59,000 for tanning and £21,000 for tanning and dressing. The corresponding total for 1924 was £415,000; detailed particulars of the kinds of work done are not available.

Prices.—The average selling values of the chief kinds of undressed and dressed leather, etc., in 1930 and 1924, as calculated from the Census returns, are shown in the following table. It should be borne in mind, however, that these comparisons do not take account of any changes that may have occurred since the earlier year in the quality or type of goods included under the specified descriptions. In particular, the increased use of reptile skins in the later year may be mentioned.

Kind of goods.	Unit.	Average value.		1930 as a percentage of 1924.
		1930.	1924.	
Leather, undressed:—		£	£	Per cent.
Hide leather, for soles ...	Per ton	130·4	140·8	92·6
Hide leather, other than for soles:—				
Ox and cow (including kips)	„	163·5	180·9	90·4
Calf ...	„	448·3	375·7	119·3
Other sorts...	„	121·3	149·4	81·2
Skin leather:—				
Sheep, whole or split	{ Per ton	174·5	306·7	56·9
	Per dozen	1·5	2·0	75·8
Other sorts ...	{ Per ton	303·3	170·6	177·8
	Per dozen	5·5	2·2	249·8
Leather, dressed:—				
Upper leather (other than patent or enamelled):—				
Box and willow calf ...	Per th. sq. ft.	32·4	51·4	63·0
Glacé kid ...	„	43·9	39·5	111·1
Other sorts...	„	31·5	34·4	91·6
Hide, calf and kip (other than upper leather)	{ Per ton	308·1	295·0	104·4
Sheep, goat and kid (other than upper leather)	{ Per th. sq. ft.	39·3	55·3	71·1
	Per th. sq. ft.	31·3	31·1	100·6
Patent or enamelled ...	{ Per dozen	2·1	2·1	98·1
	Per th. sq. ft.	50·1	53·7	93·3
Other sorts ...	{ Per ton	247·9	243·9	101·6
	Per th. sq. ft.	46·7	33·6	139·0
Hides and skins, pickled, etc.	{ Per ton	67·7	97·7	69·3
	Per dozen	0·9	1·5	58·4
Machinery belting of leather ...	Per ton	627·7	581·1	108·0

Other products.—In addition to the output shown in the table of principal products on pages 335-6, the following goods were produced in 1930 and 1924 by firms that made their returns on schedules for the Leather Trade. * These goods are dealt with in the reports on those trades in which the principal output was recorded.

Kind of goods.	1930.		1924.	
	Quantity.	Value.	Quantity.	Value.
	Tons.	£'000.	Tons.	£'000.
Other goods of leather ... ..	...	162	...	161
Machinery belting of materials	{ 390 *	154 22	...	224
other than leather ... ..			...	...
Wool	Th. lbs. 3,213	144	Th. lbs. 4,399	550
Glue	Tons 641	12	†	†
Gelatine	1,058	82	†	†
Other goods made ... ..	...	37	...	60
TOTAL ... ..	...	613	...	995

* Weight not stated.

† Not separately recorded.

Hair and waste products sold.—The following sales of hair and of waste products were recorded by firms in the Leather Trade in 1930 and 1924 :—

	1930.		1924.	
	Tons.	£'000.	Tons.	£'000.
Hair	14,914	163	18,338	185
Glue pieces	1,165	7	*	*
Other waste products... ..	...	350	...	278
TOTAL ... ..	...	520	...	463

* Not recorded separately.

Employment and Wages.

Employment.—The following table shows the average numbers of persons employed in 1930 and 1924 :—

Persons employed.	Males.		Females.		Total.	
	Under 18.	All ages.	Under 18.	All ages.	Under 18.	All ages.
1930.						
Operatives (average for the year)	2,212	22,341	659	2,977	2,871	25,318
Administrative, technical and clerical staff (as at 18th October)	99	2,445	87	743	186	3,188
TOTAL	2,311	24,786	746	3,720	3,057	28,506
1924.						
Operatives (average for the year)	2,191	23,851	781	3,401	2,972	27,252
Administrative, technical and clerical staff (as at 18th October)	133	2,492	82	669	215	3,161
TOTAL	2,324	26,343	863	4,070	3,187	30,413

Wages.—The available information as to the amount of wages paid in 1930 and 1924 is given on page 314.

Power.

The following table shows the capacity of prime movers, electric generators and electric motors ordinarily in use and in reserve or idle in 1930 and 1924 :—

Power equipment.	1930.			1924.		
	Ordinarily in use.	In reserve or idle.	Total.	Ordinarily in use.	In reserve or idle.	Total.
	H.P.	H.P.	H.P.	H.P.	H.P.	H.P.
PRIME MOVERS.						
Reciprocating steam engines	15,849	2,756	18,605	16,623	3,351	19,974
Steam turbines	1,185	900	2,085	340	—	340
Internal combustion engines :—						
Gas	6,532	1,441	7,973	10,582	1,936	12,518
Petrol, kerosene, or other light oils ...	148	73	221	159	21	180
Heavy oils	2,710	382	3,092	350	140	490
Water engines	620	—	620	403	5	408
TOTAL	27,044	5,552	32,596	28,457	5,453	33,910
	Kw.	Kw.	Kw.	Kw.	Kw.	Kw.
ELECTRIC GENERATORS.						
Driven by						
Reciprocating steam engines	5,512	1,205	6,717	4,394	970	5,364
Steam turbines	850	600	1,450	165	—	165
Internal combustion engines :—						
Gas	1,834	500	2,334	2,900	488	3,388
Petrol, kerosene or other light oils	21	16	37	41	10	51
Heavy oils	802	22	824	18	90	108
Water engines	165	—	165	77	—	77
TOTAL	9,184	2,343	11,527	7,595	1,558	9,153
	H.P.	H.P.	H.P.	H.P.	H.P.	H.P.
ELECTRIC MOTORS.						
Driven by						
Electricity generated in same works	14,241	1,507	15,748	10,636	1,562	12,198
Electricity generated in other works under same ownership ...	208	31	239	—	—	—
Purchased electricity	36,413	3,263	39,676	28,640	3,651	32,291
TOTAL	50,862	4,801	55,663	39,276	5,213	44,489

Consumption of fuel.

The following table shows the quantities of coal, coke and electricity recorded as used in 1930 :—

Kind of fuel used.	For power (driving engines).	For other purposes (so far as recorded).	For power and other purposes, not separately distinguished.
	Tons.	Tons.	Tons.
Coal	86,315	116,345*	1,687
Coke	6,586	13,932*	52
			B.T.U. (Kw.-hrs.) '000.
Electricity used for all purposes :—			
Generated in same works			14,764
Generated in other works under same ownership			160
Purchased			22,223
TOTAL—Electricity			37,147

* These figures were recorded by firms representing 91.3 per cent. of the net output of the whole trade.

TABLES.

I. Summary of results.

Particulars.	Unit.	England and Wales.	Scotland.	Great Britain.
Value of goods made and work done (Gross output)	£'000	26,210	1,582	27,792
Cost of materials used	"	19,061	1,145	20,206
Paid for work given out to other firms	"	229	2	231
Net output	"	6,920	435	7,355
Average number of persons employed	No.	26,701	1,805	28,506
Net output per person employed ...	£	259	241	258
Mechanical power available:—				
Prime movers	H.P.	31,032	1,564	32,596
Electric motors driven by purchased electricity	"	37,361	2,315	39,676

II. Production.

A.—TOTAL MAKE OF UNDRESSED LEATHER, AS RETURNED ON SCHEDULES FOR THE LEATHER TRADE.

Kind of undressed leather.	Unit.	England and Wales.	Scotland.	Great Britain.
Hide leather for soles (including rolled and pinned offal)	Tons.	69,287	1,787	71,074
Hide leather, other than for soles:—				
Ox and cow (including kips and rough offal)	Tons.	14,336	1,975	16,311
Calf	Tons.	*	*	1,949
Other sorts	Doz.	661	—	661
TOTAL—Hide leather	Tons.	*	*	91,949
Doz.	Doz.	661	—	661
Sheep skins (rough tanned)				
Tons.	Tons.	6,641	115	6,756
Doz.	Doz.	247,755	9,890	257,645
TOTAL—Hide and sheep-skin leather				
Tons.	Tons.	*	*	98,705
Doz.	Doz.	248,416	9,890	258,306

B.—OUTPUT SOLD OR ADDED TO STOCK AND WORK DONE.

Kind of goods made and work done.	Unit.	England and Wales.	Scotland.	Great Britain.
Leather, undressed:—				
Hide leather for soles (including rolled and pinned offal)	Tons.	69,267	1,787	71,054
Hide leather, other than for soles:—	£'000.	8,973	290	9,263
Ox and cow (including kips and rough offal)	Tons.	12,125	1,355	13,480
Calf	£'000.	1,958	246	2,204
Other sorts	Tons.	*	*	152
Doz.	£'000.	*	*	68
TOTAL—Other sorts	Tons.	1,415	276	1,691
Doz.	£'000.	152	53	205
Skin leather:—				
Sheep, whole or split	Tons.	3,238	107	3,345
Other sorts, including goat	£'000.	551	32	583
Doz.	Doz.	161,130	9,890	171,020
Doz.	£'000.	246	11	257
Doz.	Tons.	47	67	114
Doz.	£'000.	23	12	35
Doz.	Doz.	1,956	1,260	3,216
Doz.	£'000.	12	6	18
TOTAL—Undressed leather				
Tons.	Tons.	*	*	89,836
£'000.	£'000.	*	*	12,358
Doz.	Doz.	163,086	11,150	174,236
£'000.	£'000.	258	17	275
Leather, dressed:—				
Upper leather (other than patent or enamelled):—				
Box and willow calf	Th. sq. ft.	*	*	24,190
Glacé kid	£'000.	*	*	783
Other sorts:—	Th. sq. ft.	*	*	22,621
Chrome tanned	£'000.	*	*	992
Other... ..	Th. sq. ft.	*	*	14,230
Doz.	£'000.	*	*	545
Doz.	Th. sq. ft.	71,697	1,172	72,869
Doz.	£'000.	2,125	68	2,193
Doz.	Tons.	365	5	370
Doz.	£'000.	112	2	114
Hide, calf and kip (other than upper leather)	Th. sq. ft.	35,552	2,519	38,071
Doz.	£'000.	1,356	140	1,496
Doz.	Doz.	448	—	448
Doz.	£'000.	11	—	11

Kind of goods made and work done.	Unit.	England and Wales.	Scotland.	Great Britain.	
Sheep, goat and kid (other than upper leather) ...	<i>Th. sq. ft.</i>	112,443	394	112,837	
	£'000.	3,512	18	3,530	
	<i>Doz.</i>	302,695	—	302,695	
Patent or enamelled ...	£'000.	628	—	628	
	<i>Th. sq. ft.</i>	*	*	16,724	
	£'000.	*	*	837	
Other sorts ...	<i>Tons.</i>	351	—	351	
	£'000.	87	—	87	
	<i>Th. sq. ft.</i>	13,484	529	14,013	
	£'000.	624	31	655	
TOTAL—Dressed leather ...	<i>Doz.</i>	1,401	—	1,401	
	£'000.	16	—	16	
	<i>Tons.</i>	716	5	721	
	£'000.	199	2	201	
Hides and skins, pickled, etc.	<i>Th. sq. ft.</i>	307,219	8,336	315,555	
	£'000.	10,514	517	11,031	
	<i>Doz.</i>	304,544	—	304,544	
	£'000.	655	—	655	
Parchment and vellum ...	<i>Tons.</i>	1,745	—	1,745	
	£'000.	118	—	118	
	<i>Doz.</i>	*	*	69,422	
Machinery belting of leather ...	£'000.	*	*	63	
	<i>Tons.</i>	62	—	62	
Machinery accessories of leather or hide ...	£'000.	1,143	238	1,381	
	£'000.	664	203	867	
Hair ...	£'000.	484	23	507	
	<i>Tons.</i>	14,210	704	14,914	
Splits ...	£'000.	157	6	163	
	<i>Quantity stated</i> ...	*	*	943	
	<i>Quantity not stated</i> ...	£'000.	*	*	57
Machinery belting of materials other than leather ...	£'000.	*	*	17	
	<i>Quantity stated</i> ...	<i>Tons.</i>	*	*	390
	<i>Quantity not stated</i> ...	£'000.	*	*	154
Wool ...	£'000.	*	*	22	
	<i>Th. lbs.</i>	*	*	3,213	
Glue ...	£'000.	*	*	144	
	<i>Tons.</i>	641	—	641	
Gelatine ...	£'000.	12	—	12	
	<i>Tons.</i>	1,058	—	1,058	
Glue pieces ...	£'000.	82	—	82	
	<i>Tons.</i>	*	*	1,165	
Other waste products ...	£'000.	*	*	7	
	£'000.	333	17	350	
Other goods of leather ...	£'000.	162	—	162	
	£'000.	35	2	37	
TOTAL VALUE OF GOODS MADE ...	£'000.	25,778	1,566	27,344	

Kind of goods made and work done.	Unit.	England and Wales.	Scotland.	Great Britain.	
Work done for the trade :—		Amount received.	Amount received.	Amount received.	
	Tanning ...	£'000.	*	*	59
	Tanning and dressing ...	"	*	*	21
	Dressing and finishing ...	"	*	*	359
	Other work done, not further distinguished ...	"	*	*	9
TOTAL AMOUNT RECEIVED FOR WORK DONE ...	£'000.	432	16	448	
TOTAL VALUE OF GOODS MADE AND WORK DONE (GROSS OUTPUT) ...	£'000.	26,210	1,582	27,792	

* Owing to the possible disclosure of information relating to individual firms, the figures for England and Wales and for Scotland cannot be shown separately.

III. Employment.

A.—NUMBERS EMPLOYED IN WEEK ENDED 18TH OCTOBER, 1930.

Persons employed.	Males.		Females.		Males and females.	
	Under 18.	All ages.	Under 18.	All ages.	Under 18.	All ages.
<i>England and Wales :—</i>						
Operatives ...	2,109	20,919	644	2,790	2,753	23,709
Administrative, etc.* ...	90	2,276	79	674	169	2,950
TOTAL ...	2,199	23,195	723	3,464	2,922	26,659
<i>Scotland :—</i>						
Operatives ...	98	1,378	14	181	112	1,559
Administrative, etc.* ...	9	169	8	69	17	238
TOTAL ...	107	1,547	22	250	129	1,797
<i>Great Britain :—</i>						
Operatives ...	2,207	22,297	658	2,971	2,865	25,268
Administrative, etc.* ...	99	2,445	87	743	186	3,188
TOTAL ...	2,306	24,742	745	3,714	3,051	28,456

* Administrative, technical and clerical staff.

B.—OPERATIVES EMPLOYED IN ONE WEEK IN EACH MONTH OF 1930.

Week ended	Males and females.			Week ended	Males and females.		
	England and Wales.	Scotland.	Great Britain.		England and Wales.	Scotland.	Great Britain.
Jan. 18th	24,137	1,650	25,787	July 19th	23,490	1,494	24,984
Feb. 15th	24,153	1,617	25,770	Aug. 16th	23,262	1,501	24,763
Mar. 15th	24,123	1,615	25,738	Sept. 13th	23,415	1,532	24,947
Apr. 12th	24,040	1,583	25,623	Oct. 18th	23,709	1,559	25,268
May 17th	23,830	1,552	25,382	Nov. 15th	23,637	1,572	25,209
June 21st	23,762	1,579	25,341	Dec. 13th	23,453	1,545	24,998
AVERAGE FOR THE 12 MONTHS ...				...	23,751	1,567	25,318

IV. Power.

PARTICULARS OF PRIME MOVERS, ELECTRIC GENERATORS AND ELECTRIC MOTORS.

Power equipment.	England and Wales.		Scotland.		Great Britain.	
	Ordinarily in use.	In reserve or idle.	Ordinarily in use.	In reserve or idle.	Ordinarily in use.	In reserve or idle.
PRIME MOVERS.	H.P.	H.P.	H.P.	H.P.	H.P.	H.P.
Reciprocating steam engines ...	14,692	2,716	1,157	40	15,849	2,756
Steam turbines ...	1,185	900	—	—	1,185	900
Internal combustion engines :—						
Gas ...	6,446	1,441	86	—	6,532	1,441
Petrol, kerosene or other light oils ...	148	45	—	28	148	73
Heavy oils ...	2,710	382	—	—	2,710	382
Water engines ...	367	—	253	—	620	—
TOTAL ...	25,548	5,484	1,496	68	27,044	5,552
TOTAL OF PRIME MOVERS INSTALLED	31,032		1,564		32,596	

Power equipment.	England and Wales.		Scotland.		Great Britain.	
	Ordinarily in use.	In reserve or idle.	Ordinarily in use.	In reserve or idle.	Ordinarily in use.	In reserve or idle.
	Kw.	Kw.	Kw.	Kw.	Kw.	Kw.
ELECTRIC GENERATORS.						
Driven by						
Reciprocating steam engines ...	5,374	1,205	138	—	5,512	1,205
Steam turbines ...	850	600	—	—	850	600
Internal combustion engines :—						
Gas ...	1,822	500	12	—	1,834	500
Petrol, kerosene or other light oils ...	21	16	—	—	21	16
Heavy oils ...	802	22	—	—	802	22
Water engines ...	98	—	67	—	165	—
TOTAL ...	8,967	2,343	217	—	9,184	2,343
TOTAL OF ELECTRIC GENERATORS INSTALLED	11,310		217		11,527	
	H.P.	H.P.	H.P.	H.P.	H.P.	H.P.
ELECTRIC MOTORS.						
Driven by						
Electricity generated in same works ...	14,170	1,507	71	—	14,241	1,507
Electricity generated in other works under same ownership ...	208	31	—	—	208	31
Purchased electricity ...	34,403	2,958	2,010	305	36,413	3,263
TOTAL ...	48,781	4,496	2,081	305	50,862	4,801
TOTAL OF ELECTRIC MOTORS INSTALLED	53,277		2,386		55,663	

V. Consumption of fuel.

Kind of fuel used.	England and Wales.	Scotland.	Great Britain.
	Tons.	Tons.	Tons.
Coal used for power*	77,808	8,507	86,315
Coke used for power*	6,586	—	6,586
	B.T.U. (Kw.-hrs.) '000.	B.T.U. (Kw.-hrs.) '000.	B.T.U. (Kw.-hrs.) '000.
Electricity used for all purposes :—			
Generated in same works	14,649	115	14,764
Generated in other works under same ownership	160	—	160
Purchased	21,141	1,082	22,223
TOTAL—Electricity	35,950	1,197	37,147

* In addition, 1,687 tons of coal and 52 tons of coke (all in England and Wales) were recorded as used for power and other purposes not separately distinguished.