



BOARD OF TRADE

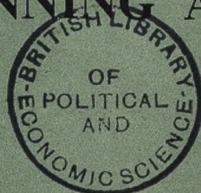
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THE REPORT
on the
CENSUS OF PRODUCTION
FOR 1951

Volume 7

Trade D

LEATHER (TANNING AND DRESSING)



*Presented by the Board of Trade to Parliament
in pursuance of the Statistics of Trade Act, 1947
(10 & 11 Geo. 6, Ch. 39, Sec. 7).*

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TWO SHILLINGS NET

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* Not applicable to this trade

LEATHER (TANNING AND DRESSING) TRADE

THIS REPORT on the Leather (Tanning and Dressing) Trade relates to establishments engaged wholly or mainly in the curing, degreasing, tanning, dyeing, etc. of all types of hides and skins and in making leather machinery belting and leather laces.

This trade corresponds to minimum list heading 130(1) in the Standard Industrial Classification.

IMPORTANT NOTES and definitions appear on the inside of the back cover of this report. In interpreting the data in the following tables, it is essential to bear these in mind.

LEATHER, LEATHER GOODS AND FUR
LEATHER (TANNING AND DRESSING) TRADE

Summary

Larger establishments (a)

	United Kingdom			Great Britain		United Kingdom	
	1951	1950	1949	1949 (b)	1948	1937	1935
	£'000	£'000	£'000	£'000	£'000	£'000	£'000
Gross output (production) (c)	123,833	109,481	92,508	..	89,215	32,757	25,835
Cost of materials and fuel used (d)	96,455	76,610	64,875	..	56,594	24,449	18,052
Payment for work done on materials given out	769	881	844	..	694	310	320
Transport payments (e)	1,067	..	..	..	..	..	..
Net output	25,541	31,990	26,789	..	31,927 (f)	7,998	7,463
Wages and salaries of persons employed	13,271	12,654	11,995	..	11,505	..	..
Average number of persons employed (g)	No. 33,385	No. 34,051	No. 33,769	..	No. 33,848	No. 32,379	No. 30,101
Net output per person employed (g)	£ 765	£ 939	£ 793	..	£ 943	£ 247	£ 248
	£'000	£'000	£'000	£'000	£'000	£'000	£'000
Stocks at end of year							
Products on hand for sale and work in progress	19,377	16,159	12,891	..	11,791	..	..
Materials and fuel	13,492	13,082	10,071	..	9,394	..	..
	No.	No.	No.	No.	No.	No.	No.
Number of establishments	451	455	455	..	459	..	458

The values of gross output and of materials and fuel used are derived in the following way:-

	£'000	£'000	£'000	£'000	£'000	£'000	£'000
Output of firms in this trade (h)							
Principal products (i)	120,020	106,989	92,112	..	85,409	32,372	25,538
Other output (j)	614							798	385	297
Changes in stocks and work in progress (k)	+ 3,199	+ 2,820	+ 670	..	+ 3,222		
	123,833	109,809	92,782	..	89,429	32,757	25,835
Less payment for transport outwards (e)	..	328	274	..	215		
Gross output (production)	123,833	109,481	92,508	..	89,215	32,757	25,835
Materials and fuel used by firms in this trade							
Purchases	96,845	79,877	65,957	..	56,890	24,449	18,052
Changes in stocks (k)	- 390	- 3,266	- 1,082	..	- 296		
Materials and fuel used	96,455	76,610	64,875	..	56,594	24,449	18,052

(a) For small firms summary see Table 2.

(b) Owing to the risk of disclosure of information relating to individual firms in Northern Ireland separate particulars for Great Britain cannot be given.

(c) Gross output for 1951 includes payments to other firms and undertakings and to firms own separate transport organisations for transport services. For other years payments for transport services outwards on finished goods sold are excluded.

(d) Amounts paid for delivery services are excluded for 1951 but included for other years.

(e) Payments to other firms and undertakings and to firms' own separate transport organisations. For 1951 they cover payments for transport of both goods sold and materials and fuel purchased. For other years payments cover only transport outwards of finished goods sold.

(f) Net output in 1948 includes an increase in the value of stocks of raw hides, process goods and finished goods held by tanners on January 1, 1948, but purchased before that date. This increase in value was due to the removal of the leather subsidy from January 1, 1948, and amounted to about £7,500,000, the greater proportion of which would be realised in 1948. Of that figure about £6,000,000 had to be dealt with in accordance with the Leather Charges (Nos. 1 to 3) Orders.

(g) Excluding outworkers but including working proprietors. For an estimate of the total number of persons employed in this trade see Table 3.

(h) Total value of sales (1951, 1950, 1949 and 1948) or production for sale (1937 and 1935)

(i) For details for 1951 and 1948 see Table 8.

(j) For details for 1951 and 1948 see Table 10.

(k) For details for 1951 see Table 21.

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LEATHER (TANNING AND DRESSING)

Summary

Small firms (a)

TABLE 2

	Great Britain		United Kingdom	Great Britain	
	1951	1950	1949	1949	1948
Number of returns	220	212	224	224	203
Average number of persons employed (b)					
Males	1,025	972	1,008	1,008	884
Females	269	242	237	237	221
Total	1,294	1,214	1,245	1,245	1,105

(a) Small firms (employing on the average ten or fewer persons) that made satisfactory returns. No information about small firms was collected in Northern Ireland for 1951 or 1950.

(b) Including working proprietors.

Estimated average employment (a)

TABLE 3

All firms

Number

	United Kingdom			Great Britain	
	1951	1950	1949	1949	1948
As returned by firms					
Employing on the average more than ten persons (b)	33,385	34,051	33,769	(c)	33,848
Employing on the average ten or fewer persons (d)	1,294(e)	1,214(e)	1,245	1,245	1,105
Estimated average employment in firms not making satisfactory returns	34,679	35,265	35,014	(c)	34,953
	41	63	62	62	265
Estimated average employment in all firms	34,720(e)	35,328(e)	35,076	(c)	35,218

(a) Including working proprietors.

(b) See Tables 13(iv) and 14.

(c) Owing to the risk of disclosure of information relating to individual firms in Northern Ireland separate particulars for Great Britain cannot be given.

(d) See Table 2.

(e) Excluding any small firms in Northern Ireland

Analysis by size, 1951

Larger establishments in the United Kingdom

TABLE 4

Average number employed	Establishments	Gross output	Net output	Persons employed	Remuneration			Net output per person employed
					Operatives	Other employees (a)	Total	
	No.	£'000	£'000	No.	£'000	£'000	£'000	£
11 - 24	127	5,937	1,538	2,284	627	213	840	674
25 - 49	122	14,373	3,246	4,282	1,246	430	1,677	758
50 - 99	109	30,119	6,274	7,663	2,261	790	3,051	819
100 - 199	60	30,743	6,687	8,312	2,483	890	3,374	804
200 - 299	18	16,601	3,542	4,259	1,279	482	1,760	832
300 - 399	9	12,032	2,344	3,078	892	231	1,123	761
400 - 999	6	14,028	1,910	3,507	1,099	347	1,446	545
Total	451	123,833	25,541	33,385	9,887	3,383	13,271	765

(a) Administrative, technical and clerical employees.

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Larger establishments in the United Kingdom

TABLE 5

Region	Estab- lish- ments	Gross output	Net output		Persons employed	Remuneration			Net output per person employed
			Value	Percent- age of total		Operatives	Other employees (a)	Total	
	No.	£'000	£'000		No.	£'000	£'000	£'000	£
England and Northern Ireland									
Northern; and Northern Ireland	11	4,507	950	3.7	1,556	402	116	518	610
East and West Ridings	80	19,357	4,341	17.0	5,343	1,505	529	2,033	812
North Midland	80	17,281	3,837	15.0	4,595	1,418	464	1,882	835
Eastern	24	3,812	893	3.5	1,266	350	123	472	705
London and South Eastern	46	14,015	2,636	10.3	3,162	1,004	376	1,380	834
Southern	11	2,331	506	2.0	761	216	76	292	664
South Western	41	8,792	1,842	7.2	2,496	735	281	1,015	738
Midland	31	4,960	1,070	4.2	1,526	470	134	604	701
North Western	89	39,555	7,559	29.6	9,704	2,936	1,014	3,950	779
Total England and Northern Ireland	413	114,611	23,633	92.5	30,409	9,035	3,112	12,147	777
Wales	9	1,775	309	1.2	681	196	55	252	453
Scotland	29	7,447	1,600	6.3	2,295	656	216	872	697
United Kingdom	451	123,833	25,541	100.0	33,385	9,887	3,383	13,271	765

(a) Administrative, technical and clerical employees.

Analysis according to specialisation within the trade, 1951

Larger establishments in the United Kingdom

TABLE 6

Establishments specialising in	Estab- lish- ments	Gross output	Sales of charac- teristic products	Net output	Persons employed	Remuneration			Net output per person employed
						Operatives	Other employees (a)	Total	
	No.	£'000	£'000	£'000	No.	£'000	£'000	£'000	£
Tanning of cattle hides	73	39,356	36,596	6,734	7,328	2,219	830	3,048	919
Other tanning	12	1,836	1,379	440	497	159	58	217	885
Tanning and dressing (b)	101	41,928	38,115	8,542	12,694	3,824	1,203	5,028	673
Dressing only (b)	190	34,072	32,333	7,447	9,830	2,933	950	3,883	758
Machinery belting and other machinery accessories of leather or hide	63	5,801	4,861	2,040	2,543	629	309	938	802
Remainder of the trade	12	841		339	493	123	33	156	688
Total	451	123,833		25,541	33,385	9,887	3,383	13,271	765

(a) Administrative, technical and clerical employees.

(b) In the Final Report on the Census of Production for 1948, Volume 7, Trade D, Table 6, chrome tanners were classified as specialising in dressing only; for 1951 they are classified as tanners and dressers.

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Total make of intermediate products

Larger establishments

TABLE 7

(i) Returned by weight (ii) Returned by number or area	Returned in this trade		Returned in all trades			
	United Kingdom 1951		Great Britain 1948	United Kingdom 1951		Great Britain 1948
	Quantity	Entries	Quantity	Quantity	Entries	Quantity
	Tons	No.	Tons	Tons	No.	Tons
Leather undressed						
Cattle hide leather						
Sole leather						
Bends, butts, sides and backs	39,241	72	46,649	39,241	72	46,649
Shoulders, bellies and other offal (rolled or pinned)	31,865	69	37,029	31,865	69	37,029
Rough tanned leather						
Whole hides, backs, butts and bends	7,799	38	11,621	7,799	38	11,621
Shoulders	1,549	39	2,220	1,549	39	2,220
Bellies	1,371	33	(a)	1,371	33	1,961
Splits	2,742	34	2,586	2,742	34	2,586
Buffalo hides cured	1,894	9	1,806	1,894	9	1,806
Rough tanned sheep and lamb skin leather						
Whole skins	(i) 2,396 (ii) 59	28	1,530 254	2,396 76	28 14	1,546 266
Grain splits (i.e., crust skivers)	(i) 420 (ii) 89	12 7	717 151	420 89	12 7	717 151
Flesh splits (i.e., crust chamois or lining)	(i) 794 (ii) 109	9 9	687 322	794 109	9 9	687 322
Leather dressed						
Upper leather (other than reptile)						
Full chrome						
Box and willow calf, including box veals	15,282	31	13,250	15,282	31	13,250
Box and willow sides	40,761	40	32,631	40,761	40	32,631
Other side upper leather	19,987	25	26,112	19,987	25	26,112
Glacé kid	22,436	21	23,758	22,436	21	23,758
Suede kid	11,439	18	12,236	11,439	18	12,236
Other full chrome upper leather	23,159	54	20,736	23,159	54	20,736
Other than full chrome (b)						
E.I. kip (other than splits or suede) and E.I. calf (other than suede)	59,950	74	50,302	59,950	74	50,302
Hide and kip splits	6,760	46	7,326	6,760	46	7,326
E.I. goat and sheep (other than suede)	12,958	57	15,568	12,958	57	15,568
Suede (kip, calf, goat or sheep)	5,368	23	6,915	5,368	23	6,915
Other vegetable and semi-chrome upper leather	8,642	58	15,833	8,642	58	15,833
Lining leather						
Kip (including splits)	23,894	56	26,231	23,894	56	26,231
Calf	7,522	31	5,695	7,522	31	5,695
Goat and kid	14,607	51	13,214	14,607	51	13,214
Sheep (including Persians)	(a)	..	44,183	47,576	81	44,183
Other lining leather (including socking)	13,880	54	(a)	13,880	54	11,431

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TABLE 7 (contd.)

(i) Returned by weight (ii) Returned by number or area	Returned in this trade			Returned in all trades		
	United Kingdom 1951		Great Britain 1948	United Kingdom 1951		Great Britain 1948
	Quantity	Entries	Quantity	Quantity	Entries	Quantity
	Th.lbs.	No.	Th.lbs.	Th.lbs.	No.	Th.lbs.
Leather dressed (contd.)						
Other than upper and lining leather						
Dressed hide leather						
Mechanical and textile leathers	{ (i) 5,265 (ii) Th.sq.ft. 966	40	6,889 1,194	5,265 966	40	6,889 1,194
Upholstery leather	25,887	15	26,866	25,887	15	26,866
Case, seat, cloak and bag hides	3,930	32	5,100	3,930	32	5,100
Dressed shoulders and bellies	8,810	57	11,724	8,810	57	11,724
Splits for insoles	{ (i) Th.lbs. 865 (ii) Th.sq.ft. 3,455	8	1,074 2,322	865 3,455	8	1,074 2,322
Other dressed hide leather	{ (i) Th.lbs. 2,558 (ii) Th.sq.ft. 7,558	21	2,665 8,191	2,558 7,558	21	2,665 8,191
Other dressed leather						
Dressed pigskin leather (other than gloving)	2,376	18	1,389	2,376	18	1,389
Roller skins (uncut)	1,251	6	1,868	1,251	6	1,868
Gas meter skins (uncut)	4,708	9	2,314	4,708	9	2,314
Gloving leather (other than chamois or doeskin)						
E.I. sheep and similar types	6,027	33	7,591	8,271	47	9,897
Cape and similar types	20,581	31	14,317	21,764	41	16,272
Other sorts	13,581	55	17,637	15,649	69	19,413
Finished chamois and doeskin (for gloving)	{ 2,700 Th.doz. 26 Th.sq.ft. ..	9	.. Th.doz. .. Th.sq.ft. ..	3,070 34 12,123	17	......
Chamois (other than gloving)	(a) ..	..	..	12,123	24	..
Other dressed sheepskin leathers						
Bookbinding and fancy leathers						
Full sheep	8,834	37	6,625	8,834	37	6,625
Skivers	(a) ..	..	(a) ..	11,947	32	14,901
Other sheep and lamb leathers	9,423	24	12,396	9,423	24	12,396
Reptile (c)	1,524	8	1,762(d)	1,524	8	1,762(d)
Other sorts of dressed leather	9,663	43	..	9,663	43	..

(a) Owing to the risk of disclosure of information relating to individual firms, separate particulars cannot be given.

(b) Including leather for the manufacture of leather goods.

(c) So far as recorded. It has not been possible to make an estimate of the quantity made in the case of output returned by value only.

(d) Corrected figure.

Sales of the principal products of the trade, including sales of these products by establishments classified to other trades

Larger establishments

TABLE 8

	United Kingdom 1951			Great Britain 1948	
	Quantity	Value £'000	Entries	Quantity	Value £'000
	Tons	£'000	No.	Tons	£'000
Leather undressed					
Cattle hide leather					
Sole leather					
Bends, butts, sides and backs	37,286	22,830	72	45,398	16,956
Shoulders, bellies and other offal (rolled or pinned)	30,101	10,675	69	36,709	7,091
Rough tanned leather					
Whole hides, backs, butts and bends	7,233	6,053	36	8,216	4,728
Shoulders	1,481	781	37	2,152	759
Bellies	1,257	484	32	1,989	430
Splits	2,619	1,093	34	2,174	551
Buffalo hides cured	1,839	1,067	7	1,776	554
Rough tanned sheep and lamb skin leather					
Whole skins	{ 693 Th.doz. 45	349	19	..	665
Grain splits (i.e., crust skivers)	{ Tons 385 Th.doz. 36	357	9	352 Th.doz. 127	259
Flesh splits (i.e., crust chamois or lining)	{ Tons 578 Th.doz. 73	653	7	Tons 553 Th.doz. 86	493
Other sorts of undressed leather	Tons 1,373	937	20	Tons 1,166 ..	399
Unclassified undressed leather	..	264	29	..	109
Total undressed leather		46,283	..		33,452
Leather dressed					
Upper leather (other than reptile)					
Full chrome					
Box and willow calf, including box veals	13,437	3,833	32	12,797	2,342
Box and willow sides	37,267	7,076	40	32,814	4,202
Other side upper leather	19,986	4,540	25	26,302	3,434
Glacé kid	19,824	3,308	18	23,468	2,859
Suede kid	9,211	1,614	17	10,676	1,559
Other full chrome upper leather	21,550	3,186	51	18,453	2,308
Other than full chrome (a)					
E.I. kip (other than splits or suede) and E.I. calf (other than suede)	58,634	7,166	73	50,242	3,692
Hide and kip splits	6,542	497	44	7,188	353
E.I. goat and sheep (other than suede)	11,859	1,466	49	12,768	1,219
Suede (kip, calf, goat or sheep)	5,062	689	23	4,833	556
Other vegetable and semi-chrome upper leather	8,087	1,300	53	15,019	1,391
Lining leather					
Kip (including splits)	22,598	1,771	57	23,687	1,198
Calf	6,977	680	30	5,515	332
Goat and kid	12,584	1,282	45	11,862	877

TABLE 8 (contd.)

	United Kingdom 1951			Great Britain 1948	
	Quantity	Value	Entries	Quantity	Value
	Th.sq.ft.	£'000	No.	Th.sq.ft.	£'000
Leather dressed (contd.)					
Lining leather (contd.)					
Sheep (including Persians)	40,126	3,287	73	38,582	2,216
Other lining leather (including socking)	13,272	1,095	50	9,922	507
Other than upper and lining leather					
Dressed hide leather					
Mechanical and textile leathers	342 Th.lbs. 3,525	162 1,744	7 32	789 Th.lbs. 3,410	164 1,094
Upholstery leather	25,576 Th.sq.ft.	4,245	15	26,778 Th.sq.ft.	3,029
Case, seat, cloak and bag hides	3,439	650	32	4,670	584
Dressed shoulders and bellies	7,088	1,361	56	8,871	1,038
Splits for insoles	3,365 Th.lbs. 797	439 154	14 7	1,929 Th.lbs. 1,076	167 25 95
Other dressed hide leather (including dressed splits other than splits for insoles)	7,170 Th.sq.ft. Th.lbs. 2,719	811 559	36 20	6,777 Th.sq.ft. Th.lbs. 1,763	626 94 367
Other dressed leather					
Dressed pigskin leather (other than gloving)	1,721 Th.sq.ft. ..	313 51	17	1,063	189
Roller skins and gas meter skins (uncut)	2,586	401	11	1,688	257
Gloving leather (other than chamois or doeskin)					
E.I. sheep and similar types	5,905	771	34	5,476	688
Cape and similar types	18,668	2,281	30	11,504	1,435
Other sorts	13,344	1,241	56	14,281	950
Finished chamois and doeskin (for gloving)	2,148 Th.do. 21	218 100	9..	..	..
Chamois (other than gloving)	12,191 Th.sq.ft.	1,291	24	..	237
Other dressed sheepskin leathers					
Bookbinding and fancy leathers					
Full sheep	8,704	875	35	6,562	480
Skivers	10,858	600	30	14,306	638
Other sheep and lamb leathers	8,990	1,125	24	5,272	543
Reptile	459 ..	140 102	8	349 ..	232(b) 59
Other sorts of dressed leather	6,137	830	35	3,949 ..	440 28
Unclassified dressed leather	..	32	..	159 ..	7 66
Total dressed leather		63,285	..		43,660
Machinery belting of leather (including conveyor and elevator bands)	Th.cwts.			Th.cwts.	
Exceeding 1/8 in. thick, and not exceeding 24 ins. wide	25	1,661	44	22	1,393
Other	3 ..	263 57	18	1 ..	91 39

TABLE 8 (contd.)

	United Kingdom 1951			Great Britain 1948	
	Quantity	Value	Entries	Quantity	Value
	Gross	£'000	No.	Gross	£'000
Machinery accessories of leather or hide					
Buffalo pickers and skips	18,156 ..	607 65	11	21,454	573
Picking bands and check straps	Th.lbs. 1,024	723	25	Th.lbs. 1,377	605
Combing leathers	561	565	12	587	400
Roller skins (cut)	Th.do. 66	525	14	Th.do. 65	379
Gas meter diaphragms	252	419	8	199	392
Other	..	1,186	55	..	809
Hat leathers	Th.gross 85	403	10	Th.gross 100	344
Leather laces	Th.gross of single laces 44	51(c) 66	8	Th.gross of single laces 91	68
Parchment and vellum	..	129(c)	..	..	35
Unprocessed hair	Th.cwts. 409	893	134	Th.cwts. 362	428
Hides and skins, pickled, etc.	100	714	34	85	537
Glue and gelatine stock, and hide cuttings and leather and skin waste for gelatine and glue-making	1,605	708	178	1,672	583
Other leather scrap and waste	91	209	143	157	211
Other waste products	..	32	65	..	95
Work done for the trade or on commission (d)					
Tanning, dressing and finishing					
Tanning		203	38		124
Dressing and finishing		1,289	144		1,104
Unclassified		-	-		186
Other work		49	34		125
Total		120,484	..		85,802
Sales in other trades (see Table 9)		465	..		393
Principal products of this trade sold by establishments in the trade		120,020	425		85,409

(a) Including leather for the manufacture of leather goods.
(b) Corrected figures.
(c) So far as recorded separately.
(d) Amount charged.

Sales of principal products of the trade by establishments
classified to other trades

Larger establishments

TABLE 9

	United Kingdom 1951			Great Britain 1948	
	Quantity	Value	Entries	Quantity	Value
	Th.doz.	£'000	No.		£'000
Leather undressed					
Rough tanned sheep and lamb skin leather					
Whole skins	17	87	..	..	37
Rough tanned cattle hide bellies, and hides and skins pickled	-	-	-	..	5
Unclassified undressed leather	-	-	-	..	16
Leather dressed	Th.sq.ft.				
Other than upper and lining leather					
Other than dressed hide leather					
Gloving leather (other than chamois or doeskin) excluding cape and similar types	836	105	5	..	121
Finished chamois and doeskin (for gloving)	..	51	..		
Chamois (other than gloving)					
Other dressed sheepskin leathers					
Skivers for bookbinding and fancy leathers					
Lining leather, sheep (including Persians)	..	66	5	..	89(a)
Unclassified dressed leather					
Machinery belting of leather (including conveyor and elevator bands) other than exceeding 1/8 in. thick and not exceeding 24 ins. wide	..	57	..	..	41(b)
Machinery accessories of leather or hide, other than buffalo pickers and skips, combing leathers, roller skins (cut) and gas meter diaphragms	..	61	7	..	28(c)
Leather laces	..	38	5	Th.cwts. 3	3
Unprocessed hair					
Glue and gelatine stock, and hide cuttings and leather and skin waste for gelatine and gluemaking	-	-	-	46	6
Work done for the trade or on commission (d)					13
Total		465	..		393

- (a) Excluding lining leather of sheepskin but including unspecified lining leather.
(b) Including belting exceeding 1/8 in. thick and not exceeding 24 ins. wide.
(c) Including buffalo pickers and skips, combing leathers, roller skins (cut) and gas meter diaphragms.
(d) Amount charged.

Sales in the trade of other than principal products

Larger establishments

TABLE 10

	United Kingdom 1951		Great Britain 1948	
	Quantity	Value	Quantity	Value
		£'000		£'000
Protective clothing of leather, including gloves and mittens for industrial, agricultural and household purposes	..	33	..	35
Leggings and gaiters and parts of boots and shoes	..	60	..	70
Other manufactures of leather	..	103	..	102
Oils, fats, and greases	Tons 724	44	..	27
Wool	Th.lbs. 1,120	247	Th.lbs. 1,955	133
Other goods	..	84	..	20
Work done (a)		42		390
Total		614		19
				798

(a) Amount charged.

Production, exports and imports of certain principal products (a)

TABLE 11

(i) Returned by weight (ii) Returned by number or area	Production (b)	Exports	Retained imports
	Tons	Tons	Tons
Leather undressed			
Cattle hide leather			
Sole leather			
Bends, butts, sides and backs	{ 1951 39,241 1948 46,649 1937 43,543	939 764 1,930	391 492 925
Shoulders, bellies and other offal (rolled or pinned)	{ 1951 31,865 1948 37,029 1937 39,467	1,035 279 1,531	308 915 845
Rough tanned leather			
Whole hides, backs, butts and bends	{ 1951 7,799 1948 11,621	206 347	....
Shoulders	{ 1951 1,549 1948 2,220	274 279	....
Splits	{ 1951 2,742 1948 2,586	404 307	....
Rough tanned sheep and lamb skin leather			
Whole skins	{ 1951 { (i) 2,396 (ii) Th.doz. 76 1948 { (i) Tons 1,546 (ii) Th.doz. 266	144 14	3,343 2,409
Grain splits (i.e., crust skivers)	{ 1951 { (i) Tons 420 (ii) Th.doz. 89 1948 { (i) Tons 717 (ii) Th.doz. 151	284 54	....

TABLE 11 (contd.)

(i) Returned by weight (ii) Returned by number or area	Production (b)	Exports	Retained imports
	Tons	Tons	Tons
Leather undressed (contd.)			
Rough tanned sheep and lamb skin leather (contd.)			
Flesh splits (i.e., crust chamois and lining)	1951 (i) Th.doz. 794	27	..
	(ii) Th.doz. 109		
	1948 (i) Tons 687	13	..
	(ii) Th.doz. 322		
Leather dressed			
Upper leather (other than reptile)			
Full chrome			
Box and willow calf, including box veals	{ 1951 15,282 1948 13,250	{ 2,747 2,081	{ 6,228 2,390
Box and willow sides	{ 1951 40,761 1948 32,631	{ 1,619 1,180	{ 5,573 3,624
Other side upper leather	{ 1951 19,987 1948 26,112	{ 4,507 3,932	{
Glacé and suede kid (c)	{ 1951 33,875 1948 35,994 1937 36,305(d)	{ 9,913 4,869 8,573	{ 2,397 1,966 7,634
Other full chrome upper leather	{ 1951 23,159 1948 20,736	{ 3,175 3,171	{
Total full chrome	{ 1951 133,064 1948 128,723	{ 21,961 15,233	{
Other than full chrome			
E.I. kip (other than splits or suede) and E.I. calf (other than suede)	{ 1951 59,950 1948 50,302	{ 185 652	{
Hide and kip splits	{ 1951 6,760 1948 7,326	{ 1,805 2,511	{
Suede (kip, calf, goat or sheep)	{ 1951 5,368 1948 6,915	{ 4,792 2,807	{
Other vegetable and semi-chrome upper leather, including E.I. goat and sheep (other than suede)	{ 1951 21,600 1948 31,400	{ 926 1,142	{
Total other than full chrome	{ 1951 93,678 1948 95,943	{ 7,708 7,112	{
Lining leather			
Kip (including splits)	{ 1951 23,894 1948 26,231	{ 7,849 4,563	{
Calf	{ 1951 7,522 1948 5,695	{ 1,772 1,334	{
Goat and kid	{ 1951 14,607 1948 13,214	{ 3,785 2,913	{
Sheep (including Persians)	{ 1951 47,576 1948 44,183	{ 7,189 4,064	{
Other lining leather (including socking)	{ 1951 13,880 1948 11,431	{ 2,706 1,333	{
Total lining leather	{ 1951 107,479 1948 100,753	{ 23,300 14,207	{ 916 25
Other than upper and lining leather			
Dressed hide leather			
Mechanical and textile leathers	1951 (i) 5,265	1,697	114
	(ii) Th.sq.ft. 966		
	1948 (i) Th.lbs. 6,889	869	..
	(ii) Th.sq.ft. 1,194		

TABLE 11 (contd.)

(i) Returned by weight (ii) Returned by number or area	Production (b)	Exports	Retained imports
	Th.sq.ft.	Th.sq.ft.	Th.lbs.
Leather dressed (contd.)			
Other than upper and lining leather (contd.)			
Dressed hide leather (contd.)			
Upholstery leather	{ 1951 25,887 1948 26,866	{ 1,574 2,707	{ (1951) 45 (1948) ..
	Th.lbs. 3,423	Th.lbs.	
Other descriptions	{ 1951 (i) Th.sq.ft. 23,753 (ii) Th.lbs. 3,739	{ 1,800	{ (1951) 45 (1948) ..
	{ 1948 (i) Th.sq.ft. 27,337 (ii) Th.lbs. 3,739	{ 1,435	
Other dressed leather			
Dressed pigskin leather (other than gloving)	{ 1951 2,376 1948 1,389	{ 1,015 328	{
Gloving leather (other than chamois or doeskin)	{ 1951 45,684 1948 45,582	{ 3,567 1,925	{ 176 72
Finished chamois and doeskin (including gloving)	{ 1951 Th.doz. 34 Th.sq.ft. 15,193	{ 6,480	{ ..
	{ 1948 15,800(e) (f)	{ 5,236	{ ..
Other dressed leather except reptile	1951 45,826	19,568	..
Machinery belting of leather (including conveyor and elevator bands)			
Exceeding 1/8 in. thick and not exceeding 24 in. wide	{ 1951 25(f) 1948 22(f)	{ 6 11	{ - -
Other	{ 1951 4(e) (f) 1948 2(e) (f)	{ 4 3	{ - -
Total machinery belting	{ 1951 29(e) (f) 1948 24(e) (f) 1937 31(d)	{ 10 14 11	{ - - 1
Hat leathers			
	{ 1951 Th.gross. 85(f) 1948 100(f) 1937 116(d)	{ 32 40 43	{ - - -

(a) Figures of production (or sales) refer only to larger establishments in the United Kingdom (1951 and 1937) or Great Britain (1948). All recorded exports from and imports into the United Kingdom are given in the Table. The figures, therefore, are not strictly comparable.

(b) Including production (or sales) by establishments classified to other trades.

(c) The retained import figures for 1951 and 1948 and all the figures for 1937 relate to glacé kid only.

(d) Production for sale.

(e) Partly estimated.

(f) Sales.

TABLE 12 - Usage of certain specified purchased materials, 1951

Larger establishments in the United Kingdom

No information on usage of materials was required from this trade.

Employment in September
Larger establishments (a)

TABLE 13
(i) Operatives

	United Kingdom			Great Britain		United Kingdom	
	1951(b)	1950(b)	1949(b)	1949(c)	1948(d)	1937(d)	1935(d)
Males				..	1,128	3,174	2,724
Under 18	1,069	1,125	1,218	..	1,128	3,174	2,724
All ages	23,737	24,714	24,459	..	25,024	26,040	24,134
Females				..	396	761	620
Under 18	266	277	318	..	396	761	620
All ages	4,435	4,427	4,518	..	4,586	3,079	2,937
Total				..	1,524	3,935	3,344
Under 18	1,335	1,402	1,536	..	1,524	3,935	3,344
All ages	28,172	29,141	28,977	..	29,610	29,119	27,071

(ii) Administrative, technical and clerical employees (e)

	United Kingdom			Great Britain		United Kingdom	
	1951	1950	1949	1949(c)	1948	1937	1935
Males				..	68	103	83
Under 18	64	73	61	..	68	103	83
All ages	3,400	3,290	3,114	..	3,027	2,444	2,302
Females				..	192	136	88
Under 18	193	215	186	..	192	136	88
All ages	1,333	1,289	1,232	..	1,143	816	728
Total				..	260	239	171
Under 18	257	288	247	..	260	239	171
All ages	4,733(f)	4,579(f)	4,346(f)	..	4,170(f)	3,260	3,030

(iii) Total employees

	United Kingdom			Great Britain		United Kingdom	
	1951	1950	1949	1949(c)	1948	1937	1935
Males				..	1,196	3,277	2,807
Under 18	1,133	1,198	1,279	..	1,196	3,277	2,807
All ages	27,137	28,004	27,573	..	28,051	28,484	26,436
Females				..	588	897	708
Under 18	459	492	504	..	588	897	708
All ages	5,768	5,716	5,750	..	5,729	3,895	3,665
Total				..	1,784	4,174	3,515
Under 18	1,592	1,690	1,783	..	1,784	4,174	3,515
All ages	32,905(f)	33,720(f)	33,323(f)	..	33,780(f)	32,379	30,101

(a) Excluded employees. The following persons were employed at the larger establishments in this trade in 1951 but are not included in the above tables or in any other Census of Production report (employees in Great Britain engaged, for example, in merchandising and in Northern Ireland canteen and welfare workers):-

Canteen workers 15 Males 267 Females
Other workers 123 Males 50 Females

(b) In week ended September 22, 1951, September 30, 1950, and September 24, 1949.

(c) Owing to the risk of disclosure of information relating to individual firms in Northern Ireland separate particulars for Great Britain cannot be given.

(d) Average for the year.

(e) In week ended September 22, 1951, September 30, 1950, September 24, 1949, September 25, 1948, October 16, 1937, and October 12, 1935.

(f) Working proprietors. In addition working proprietors, shown in Table 13 (iv) below, were engaged in this trade in larger establishments. The 1937 and 1935 figures include working proprietors.

(iv) Working proprietors

	United Kingdom			Great Britain	
	1951	1950	1949	1949	1948
Males	58	70	72	..	67
Females	1	1	1	..	1
Total	59	71	73	..	68

Average employment
Larger establishments (a)

TABLE 14

	United Kingdom			Great Britain		United Kingdom	
	1951	1950	1949	1949(b)	1948	1937	1935
Operatives	28,636	29,458	29,424	..	29,610	29,119	27,071
Administrative, technical and clerical employees	4,680	4,522	4,272	..	4,170(c)	3,260(c)	3,030(c)
Total	33,326	33,980	33,696	..	33,780	32,379	30,101

(a) For employment in small firms (employing on the average ten or fewer persons) that made satisfactory returns see Table 2.

(b) Owing to the risk of disclosure of information relating to individual firms in Northern Ireland separate particulars for Great Britain cannot be given.

(c) In week ended September 25, 1948, October 16, 1937, and October 12, 1935. The 1937 and 1935 figures include working proprietors.

Outworkers. In addition to the employees shown above the firms in this trade employed outworkers whose numbers are shown below.

	United Kingdom			Great Britain		United Kingdom	
	1951	1950	1949	1949	1948	1937	1935
Males	7	3	7	..	1	..	..
Females	38	45	47	..	38	..	..
Total	45	48	54	..	39	..	..

Shift working, 1951 (a)
Larger establishments in Great Britain

TABLE 15

	Total number of man-shifts worked in the week	Total number of shift-hours worked in the week	Number of returns showing the systems stated
Continuous 3 shift systems per 24 hours averaging 8 hours per shift	908	7,264	4
Continuous 4 shift systems per 24 hours averaging 6 hours per shift	-	-	-
All 2 shift systems	584	5,707	7
Other shift systems	455	4,665	6
Total	1,947	17,636	(b)

(a) Shift working during week ended September 22, 1951.

(b) The number and percentage of returns showing shift working and of operatives on shift-work were as follows:-

	Returns		Operatives		
	Total in trade	Showing shift-work	Total in trade	Total on returns showing shift-work	Number employed on shift-work
Number	..	14	..	2,637	360
Percentage of total in trade	100.0	3.0(c)	100.0	9.0(c)	1.0(c)
Percentage of total on returns showing shift-work				100.0	13.7

(c) Rounded to avoid disclosure.

Wages and salaries and employers' National Insurance contributions paid during the year

Larger establishments

TABLE 16 £'000

	United Kingdom			Great Britain	
	1951	1950	1949	1949(a)	1948
Wages and salaries (b) of					
Operatives	9,887	9,473	9,032	..	8,697
Administrative, technical and clerical employees	3,383	3,181	2,963	..	2,808
Total	13,271	12,654	11,995	..	11,505
Employers' contributions to all National Insurance Schemes	335	341	340	..	278

(a) Owing to the risk of disclosure of information relating to individual firms in Northern Ireland separate particulars for Great Britain cannot be given.

(b) Including bonus and commission payments, but excluding payments to outworkers shown below.

£'000

United Kingdom			Great Britain	
1951	1950	1949	1949	1948
3	2	2	..	1

Plant, machinery and vehicles - acquisitions and disposals, and capital expenditure on new building work

Larger establishments

TABLE 17 £'000

	United Kingdom		Great Britain	
	1951	1949	1949(a)	1948
Plant, machinery and vehicles				
Acquisitions				
Plant and machinery				
New	956	937	..	904
Second-hand	47	48	..	48
Vehicles				
New	221	147	..	136
Second-hand	99	39	..	74
Total acquisitions	1,323	1,171	..	1,162
Disposals				
Plant and machinery	45	91	..	49
Vehicles	78	47	..	32
Total disposals	123	138	..	81
New building work				
Capital expenditure on new building and other constructional work of a capital nature (excluding site values and development charges)	403	331	..	283

(a) Owing to the risk of disclosure of information relating to individual firms in Northern Ireland separate particulars for Great Britain cannot be given.

1951

Summary

Larger establishments

TABLE 18

	England (a)	Wales	Scotland	Great Britain	Northern Ireland (a)	United Kingdom
	£'000	£'000	£'000	£'000	£'000	£'000
Gross output (production)	114,611	1,775	7,447	..	..	123,833
Cost of materials and fuel used	89,277	1,443	5,735	..	..	96,455
Payment for work done on materials given out	732	4	33	..	..	769
Transport payments	969	20	78	..	..	1,067
Net output	23,633	309	1,600	..	..	25,541
Wages and salaries of persons employed	12,147	252	872	..	..	13,271
Average number of persons employed (b)	No. 30,409	No. 681	No. 2,295	No. ..	No. ..	No. 33,385
Net output per person employed (b)	£ 777	£ 453	£ 697	£ ..	£ ..	£ 765
Stocks at end of year	£'000	£'000	£'000	£'000	£'000	£'000
Products on hand for sale and work in progress	18,147	352	878	..	..	19,377
Materials and fuel	12,645	230	617	..	..	13,492
Number of establishments	No. 413	No. 9	No. 29	No. ..	No. ..	No. 451

The values of gross output and of materials and fuel used are derived in the following way:-

	£'000	£'000	£'000	£'000	£'000	£'000
Output of firms in this trade						
Total value of sales (see Table 20)	111,356	1,639	7,638	..	..	120,634
Changes in stocks and work in progress (see Table 21)	+ 3,255	+ 136	- 191	..	..	+ 3,199
Gross output (production)	114,611	1,775	7,447	..	..	123,833
Materials and fuel used by firms in this trade						
Purchases	89,628	1,435	5,783	..	..	96,845
Changes in stocks (see Table 21)	- 350	+ 8	- 47	..	..	- 390
Materials and fuel used	89,277	1,443	5,735	..	..	96,455

(a) Owing to the risk of disclosure of information relating to individual firms, particulars for Northern Ireland, where net output was less than 1 per cent. of that of the United Kingdom, cannot be given separately and have been included with those for England.

(b) Excluding outworkers but including working proprietors.

Summary

Small firms in Great Britain (a)

TABLE 19

	England (b)	Wales (b)	Scotland	Great Britain
Number of returns	207	..	13	220
Average number of persons employed (c)				
Males	964	..	61	1,025
Females	259	..	10	269
Total	1,223	..	71	1,294

(a) Small firms in Great Britain (employing on the average ten or fewer persons) that made satisfactory returns.

(b) Owing to the risk of disclosure of information relating to individual firms, particulars for Wales cannot be given separately, and have been included with those for England.

(c) Including working proprietors.

Sales in the trade
Larger establishments

7/D/18

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TABLE 20

LEATHER, LEATHER GOODS AND FUR COUNTRY TABLES

LEATHER (TANNING AND DRESSING) COUNTRY TABLES

7/D/19

	England and Wales		Scotland		Great Britain		Northern Ireland		United Kingdom	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
	Tons	£'000	Tons	£'000	Tons	£'000		£'000	Tons	£'000
Principal products										
Leather undressed										
Cattle hide leather										
Sole leather										
Bends, butts, sides and backs	36,360	22,162	926	668	37,286	22,830	-	-	37,286	22,830
Shoulders, bellies and other offal (rolled or pinned)	29,520	10,423	581	252	30,101	10,675	-	-	30,101	10,675
Rough tanned leather										
Whole hides, backs, butts and bends	6,783	5,756	450	297	7,233	6,053	-	-	7,233	6,053
Shoulders	1,279	667	202	114	1,481	781	-	-	1,481	781
Bellies	945	361	312	123	1,257	484	-	-	1,257	484
Splits	..	(a)	..	(a)	2,619	1,093	-	-	2,619	1,093
Buffalo hides cured	1,839	1,067	-	-	1,839	1,067	-	-	1,839	1,067
Rough tanned sheep and lamb skin leather										
Whole skins	..	(a)	..	(a)	693 Th.doz. 29	349 173	-	-	693 Th.doz. 29	349 173
Grain splits (i.e., crust skivers)	Tons 385 Th.doz. 36	357 89	-	-	Tons 385 Th.doz. 36	357 89	-	-	Tons 385 Th.doz. 36	357 89
Flesh splits (i.e., crust chamois or lining)	Tons 578 Th.doz. 73	653 390	-	-	Tons 578 Th.doz. 73	653 390	-	-	Tons 578 Th.doz. 73	653 390
Other sorts of undressed leather	Tons 914	477	459	460	Tons 1,373	937	-	-	Tons 1,373	937
Unclassified undressed leather	..	(a)	..	(a)	..	264	-	-	..	264
Leather dressed										
Upper leather (other than reptile)										
Full chrome										
Box and willow calf, including box veals	..	(a)	..	(a)	..	..	..	(a)	13,437	3,833
Box and willow sides	..	(a)	..	(a)	37,267	7,076	-	-	37,267	7,076
Other side upper leather	..	(a)	..	(a)	..	..	..	(a)	19,986	4,540
Glacé kid	..	(a)	..	(a)	..	..	..	(a)	19,824	3,308
Suede kid	..	(a)	..	(a)	..	..	..	(a)	9,211	1,614
Other full chrome upper leather	..	(a)	..	(a)	..	..	..	(a)	21,550	3,186
Other than full chrome (b)										
E.I. kip (other than splits or suede) and E.I. calf (other than suede)	58,634	7,166	-	-	58,634	7,166	-	-	58,634	7,166
Hide and kip splits	..	(a)	..	(a)	6,542	497	-	-	6,542	497
E.I. goat and sheep (other than suede)	..	(a)	..	(a)	11,859	1,466	-	-	11,859	1,466
Suede (kip, calf, goat or sheep)	5,062	689	-	-	5,062	689	-	-	5,062	689
Other vegetable and semi-chrome upper leather	6,765	1,081	1,321	218	8,087	1,300	-	-	8,087	1,300
Lining leather										
Kip (including splits)	..	(a)	..	(a)	22,598	1,771	-	-	22,598	1,771
Calf	6,977	680	-	-	6,977	680	-	-	6,977	680
Goat and kid	..	(a)	..	(a)	..	..	..	(a)	12,584	1,282
Other lining leather (including socking), except sheep (including Persians)	..	(a)	..	(a)	13,272	1,095	-	-	13,272	1,095
Other than upper and lining leather										
Dressed hide leather										
Mechanical and textile leathers	342 Th.lbs. 2,884	162 1,465	Th.lbs. 641	279	342 Th.lbs. 3,525	162 1,744	-	-	342 Th.lbs. 3,525	162 1,744
Upholstery leather	Th.sq.ft. ..	(a)	Th.sq.ft. ..	(a)	Th.sq.ft. 25,576	4,245	-	-	Th.sq.ft. 25,576	4,245
Case, seat, cloak and bag hides	2,870	560	568	90	3,439	650	-	-	3,439	650
Dressed shoulders and bellies	6,912	1,326	176	34	7,088	1,361	-	-	7,088	1,361
Splits for insoles	..	(a)	..	(a)	3,365 Th.lbs. 797	439 154	-	-	3,365 Th.lbs. 797	439 154
Other dressed hide leather (including dressed splits other than splits for insoles)	6,093 Th.lbs. 2,719	685 559	1,077	126	Th.sq.ft. 7,170 Th.lbs. 2,719	811 559	-	-	Th.sq.ft. 7,170 Th.lbs. 2,719	811 559
Other dressed leather										
Dressed pigskin leather (other than gloving)	Th.sq.ft. 1,238	234 51	484	79	Th.sq.ft. 1,721	313 51	-	-	Th.sq.ft. 1,721	313 51
Roller skins and gas meter skins (uncut)	..	(a)	..	(a)	2,586	401	-	-	2,586	401
Gloving leather (other than chamois or doeskin)										
Cape and similar types	18,668	2,281(c)	-	-	..	..	..	(c)	18,668	2,281
Other sorts including E.I. sheep and similar types	..	(a)	..	(a)	18,413	1,908	-	-	18,413	1,908
Finished chamois and doeskin (for gloving)	..	1,558	-	-	..	1,558	-	-	..	1,558
Chamois (other than gloving)										
Other dressed sheepskin leathers										
Bookbinding and fancy leathers										
Full sheep	..	(a)	..	(a)	..	..	..	(a)	8,704	875
Other sheep and lamb leathers except skivers for bookbinding and fancy leathers	8,990	1,125	-	-	8,990	1,125	-	-	8,990	1,125

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TABLE 20 (contd.)

	England and Wales		Scotland		Great Britain		Northern Ireland		United Kingdom	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
	Th.sq.ft.	£'000	Th.sq.ft.	£'000	Th.sq.ft.	£'000		£'000	Th.sq.ft.	£'000
Principal products (contd.)										
Leather dressed (contd.)										
Other than upper and lining leather (contd.)										
Other dressed leather (contd.)										
Reptile	..	(a)	..	(a)	459	140	-	-	459	140
					..	102			..	102
Dressed sheepskin skivers for bookbinding and fancy leathers; lining leather, sheep (including Persians); and unclassified dressed leather	..	(a)	..	(a)	..	..	..	(a)	..	3,852
Other sorts of dressed leather	6,014	802(c)	123	28	..	..	..	(c)	6,137	830
Machinery belting of leather (including conveyor and elevator bands)										
Exceeding 1/8 in. thick and not exceeding 24 ins. wide	Th.cwts.				Th.cwts.				Th.cwts.	
Other	..	(a)	..	(a)	25	1,661	-	-	25	1,661
Other	3	263	-	-	3	263	-	-	3	263
Machinery accessories of leather or hide										
Gross										
Buffalo pickers and skips	18,156	607	-	-	18,156	607	-	-	18,156	607
	..	65			..	65			..	65
Combing leathers	..	(a)	..	(a)	Th.lbs.	561	-	-	Th.lbs.	561
Roller skins (cut)	Th.doz.	525	-	-	Th.doz.	66	-	-	Th.doz.	66
Gas meter diaphragms	252	419	-	-	252	419	-	-	252	419
Other (including picking bands and check straps)	..	(a)	..	(a)	..	1,848	-	-	..	1,848
Hat leathers	Th.gross	403	-	-	Th.gross	85	-	-	Th.gross	85
Parchment and vellum (d)	..	129	-	-	..	129	-	-	..	129

LEATHER, LEATHER GOODS AND FUR COUNTRY TABLES

Leather laces (d)	..	949(c)	..	23	..	..	..	(c)	..	972
Unprocessed hair	Th.cwts.		Th.cwts.		Th.cwts.				Th.cwts.	
Hides and skins, pickled, etc.	..	(a)	..	(a)	100	714	-	-	100	714
Glue and gelatine stock, and hide cuttings and leather and skin waste for gelatine and gluemaking	1,539	683	67	25	1,605	708	-	-	1,605	708
Other leather scrap and waste	89	206	2	3	91	209	-	-	91	209
	..	32			..	32			..	32
Other waste products	..	90	..	11	..	101	-	-	..	101
Work done for the trade or on commission (e)										
Tanning, dressing and finishing										
Tanning		176		26		203	-	-		203
Dressing and finishing		1,227		62		1,289	-	-		1,289
Other work		49		-		49	-	-		49
Total principal products		112,475(c)		7,544		..		(c)		120,020
Other output										
Protective clothing of leather, including gloves and mittens for industrial, agricultural and household purposes	..	(a)	..	(a)	..	33	-	-	..	33
Leggings and gaiters and parts of boots and shoes	..	60	-	-	..	60	-	-	..	60
Other manufactures of leather	..	103	-	-	..	103	-	-	..	103
Oils, fats and greases	Tons	29	Tons	16	Tons	44	-	-	Tons	44
	399		325		724				724	
Wool	Th.lbs.	247	-	-	Th.lbs.	247	-	-	Th.lbs.	247
	1,120				1,120				1,120	
Other goods	..	(a)	..	(a)	..	84	-	-	..	84
Work done (e)	..	42	-	-	..	42	-	-	..	42
Total		112,996(c)		7,638		..		(c)		120,634

LEATHER (TANNING AND DRESSING) COUNTRY TABLES

- (a) Owing to the risk of disclosure of information relating to individual firms, separate particulars cannot be given.
(b) Including leather for the manufacture of leather goods.
(c) Owing to the risk of disclosure of information relating to individual firms, particulars for Northern Ireland cannot be given separately and have been included with those for England and Wales.
(d) So far as recorded separately.
(e) Amount charged.

Stocks of products on hand for sale and work in progress,
and stocks of materials and fuel

Larger establishments

TABLE 21

£'000

		England and Wales (a)	Scotland	Great Britain	Northern Ireland (a)	United Kingdom
Products on hand for sale	at beginning of year	4,577	303	..	..	4,880
	at end of year	7,569	260	..	..	7,829
Work in progress	at beginning of year	10,531	767	..	..	11,298
	at end of year	10,929	618	..	..	11,548
Total products on hand for sale and work in progress	at beginning of year	15,108	1,070	..	..	16,178
	at end of year	18,499	878	..	..	19,377
Materials and fuel	at beginning of year	12,532	570	..	..	13,102
	at end of year	12,875	617	..	..	13,492

(a) Owing to the risk of disclosure of information relating to individual firms, particulars for Northern Ireland cannot be given separately and have been included with those for England and Wales.

Employment in September

Larger establishments (a) (b)

TABLE 22

(i) Operatives

Number

		England and Wales (c)	Scotland	Great Britain	Northern Ireland (c)	United Kingdom
Males	Under 18	954	115	..	..	1,069
	All ages	22,221	1,516	..	..	23,737
Females	Under 18	248	18	..	..	266
	All ages	4,092	343	..	..	4,435
Total	Under 18	1,202	133	..	..	1,335
	All ages	26,313	1,859	..	..	28,172

(ii) Administrative, technical and clerical employees

Number

		England and Wales (c)	Scotland	Great Britain	Northern Ireland (c)	United Kingdom
Males	Under 18	59	5	64	-	64
	All ages	3,167	233	..	..	3,400
Females	Under 18	180	13	..	..	193
	All ages	1,236	97	..	..	1,333
Total	Under 18	239	18	..	..	257
	All ages (d)	4,403	330	..	..	4,733

TABLE 22 (contd.)

(iii) Total employees

Number

		England and Wales (c)	Scotland	Great Britain	Northern Ireland (c)	United Kingdom
Males	Under 18	1,013	120	..	..	1,133
	All ages	25,388	1,749	..	..	27,137
Females	Under 18	428	31	..	..	459
	All ages	5,328	440	..	..	5,768
Total	Under 18	1,441	151	..	..	1,592
	All ages (d)	30,716	2,189	..	..	32,905

(a) Excluded employees. The number of persons employed at the larger establishments in this trade but not included in the above tables or in any other Census of Production report (employees in Great Britain engaged, for example, in merchandising and in Northern Ireland canteen and welfare workers) are shown in Table 22 (v) below.

(b) Number employed in the week ended September 22, 1951.

(c) Owing to the risk of disclosure of information relating to individual firms particulars for Northern Ireland cannot be given separately and have been included with those for England and Wales.

(d) Working proprietors. In addition working proprietors, shown in Table 22 (iv) below, were engaged in this trade in larger establishments.

(iv) Working proprietors

Number

		England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
Males		55(c)	3	..	(c)	58
	Females	1	-	1	-	1
Total		56(c)	3	..	(c)	59

(v) Excluded employees

Number

		England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
Canteen workers	Males	15	-	15	-	15
	Females	261	6	267	-	267
Total		276	6	282	-	282
Other workers	Males	121	2	123	-	123
	Females	50	-	50	-	50
Total		171	2	173	-	173
Total excluded employees		447	8	455	-	455

Average employment

Larger establishments (a)

TABLE 23

Number

		England and Wales (b)	Scotland	Great Britain	Northern Ireland (b)	United Kingdom
Operatives		26,672	1,964	..	..	28,636
	Administrative, technical and clerical employees	4,362	328	..	..	4,690
Total		31,034	2,292	..	..	33,326

(a) For employment in small firms in Great Britain (employing on the average ten or fewer persons) that made satisfactory returns see Table 19.

(b) Owing to the risk of disclosure of information relating to individual firms, particulars for Northern Ireland cannot be given separately and have been included with those for England and Wales.

Outworkers. In addition to the employees shown above the firms in this trade employed 7 male and 38 female outworkers (all in England and Wales).

Wages and salaries and employers' National Insurance contributions paid during the year

Larger establishments

TABLE 24

£'000

	England and Wales (a)	Scotland	Great Britain	Northern Ireland (a)	United Kingdom
Wages and salaries (b) of					
Operatives	9,231	656	..	..	9,887
Administrative, technical and clerical employees	3,168	216	..	..	3,383
Total	12,399	872	..	..	13,271
Employers' contributions to all National Insurance Schemes	313	22	..	..	335

(a) Owing to the risk of disclosure of information relating to individual firms, particulars for Northern Ireland cannot be given separately and have been included with those for England and Wales.

(b) Including bonus and commission payments but excluding payments, amounting to £3,000, to outworkers in England and Wales.

Plant, machinery and vehicles - acquisitions and disposals, and capital expenditure on new building work

Larger establishments

TABLE 25

£'000

	England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
Plant, machinery and vehicles					
Acquisitions					
Plant and machinery					
New	903 (a)	53	..	(a)	956
Second-hand	45	2	47	-	47
Vehicles					
New	209 (a)	11	..	(a)	221
Second-hand	92	7	99	-	99
Total acquisitions	1,250 (a)	73	..	(a)	1,323
Disposals					
Plant and machinery	44	1	45	-	45
Vehicles	73	5	78	-	78
Total disposals	117	7	123	-	123
New building work					
Capital expenditure on new building and other constructional work of a capital nature (excluding site values and development charges)	380	23	403	-	403

(a) Owing to the risk of disclosure of information relating to individual firms, particulars for Northern Ireland cannot be given separately and have been included with those for England and Wales.

Payments for transport services for finished goods sold and materials and fuel purchased

Larger establishments

TABLE 26

£'000

	England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
Amounts paid to other firms and undertakings	917 (a)	76	..	(a)	993
Amount paid or credited to firms' own separate transport organisations	72	2	74	-	74
Total	989 (a)	78	..	(a)	1,067

(a) Owing to the risk of disclosure of information relating to individual firms, particulars for Northern Ireland cannot be given separately and have been included with those for England and Wales.

GENERAL NOTES

The following brief notes refer to Great Britain and, unless otherwise stated, to the census of production for 1951. Reference should be made to the separate booklet in this series entitled 'The Report on the Census of Production for 1951: Introductory Notes' (price 1s.6d. net) for particulars of the minor differences in the Northern Ireland censuses and other details about the census of production.

Trade classification: Establishments are classified to trades according to the nature of their output. Certain products, called principal products, are identified as characteristic of the production of individual trades, the principal products for a given trade being of a similar nature or commonly associated in production. An establishment is classified to a trade if its output of principal products of that trade accounted for a greater proportion of the value of its output than did its output of principal products of any other trade.

The establishment: The basic unit for the collection of information is generally the establishment which in most cases comprises the whole of the premises under the same ownership or management at a particular address (e.g., a factory). Offices, warehouses and other ancillary places of business situated apart from the producing works are included in the return for the works.

Larger establishments and small firms: Larger establishments are those which employed more than 10 persons on the average during the year; small firms are those employing on the average 10 or fewer persons.

Working proprietors are proprietors of businesses other than limited companies, and include members of their families who work in the business without receiving fixed wages or salaries. Any persons working less than half the normal hours are excluded.

Persons employed: Administrative employees include directors other than those paid by fee only, managers, superintendents and works foremen; research, experimental, development, technical and design employees (other than operatives); draughtsmen and tracers; and travellers and office (including works office) employees. Operatives include all other classes of employees, that is, broadly speaking, all manual workers.

All these figures exclude canteen employees and persons engaged in merchandising or any other activity not covered by a firm's return who are shown separately as excluded employees.

Figures for employees include only persons on the pay-roll (that is whose National Insurance cards were held by the firm), whether full-time or part-time employees.

Outworkers, who are shown separately, are persons employed by the firm who work on materials supplied by the firm, but do not work on the premises; operatives directly employed who work out of doors (e.g., maintenance workers) and sub-contractors are not included as outworkers.

Wages and salaries include all overtime payments, bonuses, and commissions, without any deduction for income tax, insurance, contributory pensions, etc. They exclude payments to working proprietors.

Capital expenditure: Expenditure on plant, machinery and vehicles relates to expenditure charged to capital account during the year of return, including transport and installation costs involved. Expenditure on new building work is similarly that charged to capital account during the year.

Materials and fuel: The cost of materials and fuel purchased includes all purchases during the year of materials for use in production and of fuel (including oil, gas, and electricity for all purposes, including heating and lighting); all packing materials, including the full cost of returnable containers when first purchased; workshop materials; office materials; water charges; materials for repairs to firms' own buildings, plant and vehicles when carried out by

their own work people included in the return; and consumable tools and parts for machinery purchased as replacement. Materials, components, etc. which were purchased and re-sold in the same state (that is, merchanted or factored goods) were excluded. For 1951 firms in many trades were required to state the quantities of certain purchased materials used.

Stocks and work in progress: Firms were instructed to give these at income tax value.

Output: Sales means sales during the year of goods made in the establishment covered by the return or made on commission for it, whether produced in the year or not. For all post-war censuses the value of sales was the net selling value, that is, the amount charged to customers, whether on an ex-works or delivered basis, and net of any trade discounts, agents' commissions, allowances for returnable cases, purchase tax, etc. For goods charged on a delivered basis to customers overseas, firms were required to give the f.o.b. value.

Gross output of a trade is the total value of goods made and other work done during the year; this means the value of sales and work done during the year adjusted for changes in the values of stocks.

Net output is the amount left after deducting from the value of gross output the aggregate of the cost of materials and fuel used and the amount paid for work given out and, for 1951, any transport payments included in firms' returns. This represents the value added to materials by the process of production, and constitutes the fund from which wages, salaries, rents, rates and taxes, advertising and other selling expenses and all other similar charges have to be met as well as depreciation and profits.

Customs and Excise Duty paid on materials purchased is included in the cost of materials, but where it is especially important separate figures are shown.

Later reports: Reports will be published later summarising the main census results and giving information about power equipment and fuel consumption.

Disclosure of information: The report has been prepared in conformity with the disclosure provisions of the Statistics of Trade Act, 1947. Figures have been combined with others of a similar nature in certain cases where publication of separate details might disclose the operations of an individual firm.

Symbols used: '..' for 'Not available', '-' for 'Nil or negligible (less than half the final digit shown)'

The figures in the tables have been rounded off to the nearest final digit, and there may be an apparent slight discrepancy between the sums of the constituent items and the totals shown.

Tables 1 to 17 show figures for the United Kingdom (or Great Britain).

Tables 18 to 26 are country tables and give, where practicable, separate details for England and Wales, Scotland and Northern Ireland.

Table 6: Specialist producers refer to those establishments 50 per cent. or more of whose total output by value is accounted for by the groups of products specified.

Table 8 (or 8(i)) shows the total sales of principal products of the trade, and includes therefore the sales of these products returned by establishments whether classified to the trade or to other trades. Those produced by establishments in other trades are shown in Table 9.

Table 10 shows the sales by establishments in the trade of products other than those regarded as principal products of the trade.

Table 20 (or 20(i)) shows sales by establishments in the trade of products, whether principal products or not, and broadly the aggregates here are equal to the corresponding figures in Table 8 (or 8(i)) less those in Table 9, plus those in Table 10.

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