



BOARD OF TRADE

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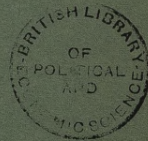
FINAL REPORT
on the
CENSUS OF PRODUCTION
FOR 1948

Volume 2

Trade O

OILS AND GREASES

*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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In interpreting the data in the following tables, it is essential to bear in mind not only the qualifications mentioned in this report but also the general explanations and qualifications contained in the separate booklet published in this series by H.M. Stationery Office entitled "Final Reports of the Census of Production for 1948: Introductory Notes", price 2s.0d. NET

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* Not applicable to this trade

OILS AND GREASES TRADE

THIS REPORT on the Oils and Greases Trade relates to establishments engaged wholly or mainly in blending mineral, animal or vegetable lubricating oils (except at refineries), in the production of cycle and motor oils, cart grease, etc., and of dripping, suet, tallow, premier jus, oleo-stearine, and other animal (except marine animal) oils, fats and greases (except lard) and in the production and refining of fish liver oil.

This trade corresponds to minimum list headings 39(1) and 39(3) in the Standard Industrial Classification.

Any establishments in this trade in Northern Ireland are excluded in 1948. Owing to the risk of disclosure of information relating to individual firms, separate particulars of the very small output in Northern Ireland were not published for 1935.

OILS AND GREASES TRADE

Summary

Larger establishments

TABLE 1

	1948(a)	1937(b)	1935(b)
	£'000	£'000	£'000
Gross output (production)	30,952	13,093	11,857
Cost of materials and fuel used	22,389	8,101	7,098
Payment for work done on materials given out	44	20	9
Net output	8,520	4,972	4,750
Wages and salaries of persons employed	3,624	..	..
Average number of persons employed	No. 9,468(c)	No. 8,367	No. 7,783
Net output per person employed	£ 900	£ 594	£ 610
Stocks at end of year	£'000	£'000	£'000
Finished products and work in progress	2,132	..	..
Materials and fuel	2,917	..	..
Number of establishments	No. 171	No. ..	No. 169

(a) Great Britain only.

(b) United Kingdom.

(c) For an estimate of the total number of persons employed in this trade see Table 3.

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

	1948	1937	1935
	£'000	£'000	£'000
Output of firms in this trade			
Total value of sales (1948) or production (1937 and 1935)			
Principal products (see Table 8)	28,814	12,063	10,938
Other output (see Table 10)	2,480	1,030	919
Adjustment for changes in stocks and work in progress (see Table 14)	+ 327		
	31,620	13,093	11,857
Less payment for transport by other firms	668		
Gross output (production)	30,952	13,093	11,857
Materials and fuel used by firms in this trade			
Purchases (see Table 13)	22,905	8,101	7,098
Adjustment for changes in stocks (see Table 14)	516		
Materials and fuel used	22,389	8,101	7,098

Summary, 1948

Small firms in Great Britain

TABLE 2

Number of returns	257
Average number of persons employed (a)	
Males	1,193
Females	196
Total	1,389

(a) Including working proprietors.

Estimated average employment, 1948

All firms in Great Britain

TABLE 3

As returned by firms	
Employing on average more than ten persons (a)	9,468
Employing on average ten persons or less (b)	1,389
	10,857
Estimated average employment in firms not making satisfactory returns	169
Estimated average employment in all firms	11,026

(a) See Tables 1 and 15.

(b) See Table 2.

Analysis by size, 1948

Larger establishments in Great Britain

TABLE 4

Average number employed	Establishments	Gross output	Net output	Persons employed	Remuneration			Net output per person employed
					Wages	Salaries	Total	
11-24	No. 66	£'000 3,917	£'000 1,098	No. 1,130	£'000 180	£'000 234	£'000 414	£ 972
25-49	61	6,779	2,120	2,109	374	407	781	1,005
50-99	25	5,919	1,647	1,826	302	413	715	902
100-199	10	4,376	1,444	1,413	247	299	546	1,022
200-299	5	4,155	807	1,349	209	319	528	599
300 and over	4	5,806	1,403	1,641	213	426	639	855
Total	171	30,952	8,520	9,468	1,526	2,098	3,624	900

Analysis by standard region, 1948

Larger establishments in Great Britain

TABLE 5

Region	Establishments	Gross output	Net output		Persons employed	Remuneration		
			Value	Percentage of total		Wages	Salaries	Total
	No.	£'000	£'000		No.	£'000	£'000	£'000
England								
Northern	6	631	212	2.5	243	31	70	101
East and West Ridings of Yorkshire	21	4,271	1,123	13.2	1,288	205	239	444
North Midland	5	993	271	3.2	313	80	29	109
Eastern	4	696	117	1.4	113	19	13	32
London and South Eastern	41	10,013	2,836	33.3	3,488	502	915	1,416
Southern; and South Western	9	698	298	3.5	380	66	67	133
Midland	20	2,117	576	6.8	655	125	135	260
North Western	49	10,429	2,785	32.7	2,612	437	562	999
Total England	155	29,846	8,221	96.5	9,092	1,465	2,030	3,494
Wales	5	181	48	0.6	90	15	14	29
Scotland	11	925	251	2.9	286	46	54	100
Great Britain	171	30,952	8,520	100.0	9,468	1,526	2,098	3,624

Analysis according to specialisation within the trade, 1948

Larger establishments in Great Britain

TABLE 6

	Establishments	Gross output	Sales of characteristic products	Net output	Persons employed	Remuneration			Net output per person employed
						Wages	Salaries	Total	
	No.	£'000	£'000	£'000	No.	£'000	£'000	£'000	£
Specialist producers of									
Lubricating oils and greases	113	19,829	19,169	5,780	6,485	921	1,687	2,608	891
Animal oils and greases	35	5,445	4,717	1,180	1,434	284	129	413	823
Fish liver oil, refined	6	2,913	2,563	625	717	156	78	233	871
Remainder of the trade	17	2,765		935	832	164	205	369	1,123
Total	171	30,952		8,520	9,468	1,526	2,098	3,624	900

TABLE 7 - Total make of intermediate products: Larger establishments

This table is not applicable to the trade.

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

Larger establishments

TABLE 8

	1948 (a) Sales			1937 (b) Production		1935 (b) Production	
	Quantity	Value	Entries	Quantity	Value	Quantity	Value
Lubricating oils (excluding greases) (c)	Th. galls.	£'000	No.	Th. galls.	£'000	Th. galls.	£'000
Consisting solely of mineral oils (including white oils)	10,097 Th. tons 264.5	1,864 11,525	145	6,645 Th. tons 212.5	688 4,602	6,982 Th. tons 221.9	718 3,770
Consisting of mineral oils compounded with other oils	Th. galls. 2,254 Th. tons 94.0	527 4,466		121	Th. galls. 1,581 Th. tons 173.3	125 3,961	Th. galls. 2,523 Th. tons 160.0	215 3,798
Lubricating greases	Th. cwts.						
Black grease	268.1	236	53				
Other	511.6	1,407	108	..	(d)	..	(d)
Total lubricating oils and greases	Th. galls. 12,350 Th. tons 397.5	2,391 17,635	..	Th. galls. 8,226 Th. tons 385.8	813 8,563	Th. galls. 9,505 Th. tons 381.9	933 7,568
Animal (except marine animal) oils, fats and greases							
Technical tallow	5.7	369	79	16.5	361 (e)	25.1	571 (e)
Edible tallow and premier jus	0.7 ..	79 11	18	16.9	446 (f)	12.9	381 (f)
Dripping, suet and other edible animal fats, not elsewhere specified	31.3	5,307		89	25.7	1,260	26.3	1,306
Other (except lard) (g)							
Unrefined	14.3	780	87	28.9	581	24.6	378
Refined	3.4	412	35	8.3	180		
Unclassified	1.3 ..	102 11	21	12.2	227	19.6	357
Total animal oils, fats and greases (except lard)	56.8 ..	7,048 23		..	108.5	3,061	108.5	2,993
Cod liver oil, refined (h)							
Industrial	1.6	199	5	3.5	89	5.5	96
Other (including medicinal and veterinary)	12.5	2,301	6	11.2 ..	375 25	10.0	317

TABLE 8 (contd.)

	1948 (a) Sales			1937 (b) Production		1935 (b) Production	
	Quantity	Value	Entries	Quantity	Value	Quantity	Value
	Th. tons	£'000	No.	Th. tons	£'000	Th. tons	£'000
Other fish liver oil, refined	0.4	817	..	..	(d)	..	(d)
Other oils, mixed or not, including colloidal oils used for lubricating purposes (i)	24.4 ..	2,042 253	48	24.2 Th. galls. 404	475 42	18.0 Th. galls. 456	377 50
Raw bone (including degreased), hollow bones and bone pieces	0.9	13		9	..	(j)	..	(j)
Greaves	1.3	23	14	Th. tons 5.3	53	..	43
Other waste products	..	21	14	..	(d)	..	(d)
Work done for the Ministry of Food on materials owned by the Ministry (k)		42	5		-		-
Work done for the trade or on commission (k)		159	15		29		24
Total		32,966	..		13,525		12,401
Less sales (or production) in other trades (see Table 9)		4,152	..		1,462		1,463
Total principal products of this trade sold or made by establishments in the trade		28,814	150		12,063		10,938

(a) Great Britain only.

(b) United Kingdom.

(c) Excluding output at refineries, for which see the Mineral Oil Refining Trade (Volume 2, Trade N). Including lubricating greases in 1937 and 1935.

(d) Not recorded separately.

(e) Described as "Tallow, not refined".

(f) Recorded as "Premier jus, refined tallow, oleo margarine and oleo oil". No sales of oleo oil were recorded for 1948.

(g) For lard, see the Bacon Curing and Sausage Trade (Volume 8, Trade E).

(h) Described as "Cod and cod liver oil" in 1937 and 1935.

(i) Excluding mineral oils, fish and marine animal oils other than refined liver oil, vegetable and seed oils.

(j) Not recorded separately. For the production in 1937 and 1935 of shank bones, middle bones and horns for the manufacture of cutlery handles, buttons, fancy articles, etc.; other bone by-products, including calcined bones (except bonemeal); bones for manure, see the Glue, Gum, Paste and Allied Trades (Volume 2, Trade Q).

(k) Amount charged in 1948 and amount received in 1937 and 1935.

Sales (or production) of principal products of the trade by establishments classified to other trades

Larger establishments

TABLE 9

	1948(a) Sales			1937(b) Production		1935(b) Production	
	Quantity	Value	Entries	Quantity	Value	Quantity	Value
Lubricating oils, excluding greases	Th. galls.	£'000	No.	Th. galls.	£'000	Th. galls.	£'000
Consisting solely of mineral oils (including white oils)	{ 613 Th. tons 5.5	{ 119 284	{ 46	{ 19 Th. tons 1.7	{ 2 31	{ 17 Th. tons 1.5	{ 2 28
Consisting of mineral oils compounded with other oils	{ Th. galls. 84 Th. tons 4.2	{ 25 188	{ 38	{ Th. galls. 52 Th. tons 7.2	{ 3 129	{ Th. galls. 144 Th. tons 7.8	{ 11 150
Lubricating greases	Th. cwts.						
Black grease	4.4	5	20	-	-	-	-
Other	81.5	152	41	-	-	-	-
Total lubricating oils and greases	{ Th. galls. 697 Th. tons 14.0	{ 144 629	{ ..	{ Th. galls. 71 Th. tons 8.9	{ 5 160	{ Th. galls. 161 Th. tons 9.3	{ 13 176
Animal (except marine animal) oils, fats and greases							
Technical tallow	2.2	147	47	4.7	102	5.1	109
Edible tallow and premier jus	{ 0.4 ..	{ 44 11	{ ..	{ 0.2	{ 5	{ 1.6	{ 38
Dripping, suet and other edible animal fats, not elsewhere specified	5.9	1,212	69	12.9	595	12.7	560
Other (except lard)							
Unrefined	11.1	591	70	18.8	359	4.3	95
Refined	1.6	159	22	4.5	100		
Unclassified	{ 1.1 ..	{ 61 11	{ 18	{ 4.3	{ 63	{ 19.6	{ 357
Total animal oils, fats and greases (except lard)	{ 22.4 ..	{ 2,215 23	{ ..	{ 45.4	{ 1,224	{ 43.3	{ 1,159
Cod liver oil, refined							
Industrial	-	-	-	0.8	21	0.9	18
Other (including medicinal and veterinary)	-	-	-	0.2	6	0.2	6

TABLE 9 (contd.)

	1948(a) Sales			1937(b) Production		1935(b) Production	
	Quantity	Value	Entries	Quantity	Value	Quantity	Value
	Th. tons	£'000	No.	Th. tons	£'000	Th. tons	£'000
Other oils, mixed or not, including colloidal oils used for lubricating purposes, and fish liver (other than cod liver) oil, refined	{ 3.2 ..	{ 1,106 23	{ 23	{ 2.6 Th. galls. 27 Th. tons	{ 41 3	{ 4.9 Th. galls. 28	{ 86 3
Greaves	-	1	..	0.2	2	-	-
Work done for the trade or on commission, including work done for the Ministry of Food		12(c)	..		-		-
Total		4,152	..		1,462		1,463

(a) Great Britain only.

(b) United Kingdom.

(c) Amount charged.

Sales (or production) in the trade of other
than principal products

Larger establishments

TABLE 10

	1948(a) Sales		1937(b) Production	1935(b) Production
	Quantity	Value	Value	Value
	Th. tons	£'000	£'000	£'000
Fish and marine animal oils, fats and greases, other than refined fish liver oil	1.1	141	40	53
Vegetable and seed oils (other than essential), refined	1.0	176	58	91
Lard compound	..	35	80	42
Stearine (stearic acid)	0.4	46	36	37
Acid oils, including fatty acids and oleine	1.1	84	3	3
Soap for household and industrial purposes	..	116	28	21
Feeding stuffs for animals				
Meat meal, meat and bone meal, bone meal and sterilised bone flour	4.5	91	127	55
Other	11.4	202	256	253
Manures and fertilizers	7.9 ..	187 30	70	35
Bone by-products	2.5	43	91(c)	83(c)
Pitch	1.6	43	27	17
Chemical manufactures	..	187	9	7
Other goods	..	1,019	205	222
Work done		79(d)	-	-
Total		2,480	1,030	919

- (a) Great Britain only.
 (b) United Kingdom.
 (c) Including bones and bone pieces.
 (d) Amount charged.

Analysis of sales, 1948

Larger establishments in Great Britain

TABLE 11

	Sales	Percentage of total sales
	£'000	
Sales (or transfers) to other organisations under the same control		
Productive works	160	0.5
Export sales organisations (including branches abroad)	238	0.8
Other wholesale or selling organisations	3,948	12.7
Retail shops, etc.	-	-
Total sales (or transfers) to other organisations under the same control	4,345	14.0
Sales to independent buyers		
Exports invoiced directly overseas	1,250	4.0
Exports invoiced to Crown Agents and purchasing houses in this country of individual firms and governments abroad	130	0.4
His Majesty's Government and Local Authorities (other than productive establishments)	1,217	3.9
Manufacturers, repairers, builders, mines, public utilities, and transport and other productive undertakings	11,581	37.3
Wholesalers, merchants and other agents for resale	6,482 (a)	20.9
Retailers, including multiple shops, caterers and N.A.A.F.I., for resale	4,690	15.1
Other businesses (including farmers) and institutions of all kinds	1,300	4.2
Members of the public, including employees	29	0.1
Total sales to independent buyers	26,680	86.0
Total	31,025	100.0

- (a) Of this total £5,923,000 was recorded as divided between £256,000 for export and £5,667,000 for other sales.

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

TABLE 12

		Production (b) (c)	Exports	Retained imports
		Th. tons	Th. tons	Th. tons
Lubricating oils (other than lubricating oils consisting solely of mineral oils) and lubricating greases	1948	144.1(d)	6.6	0.6
	1937	182.1(d)	30.7	2.0
Animal (except marine animal) oils, fats and greases				
Technical tallow	1948	5.7	0.2	28.7
	1937	16.5	7.5	19.4
Edible tallow and premier jus	1948	0.8(d)	0.1	34.1
	1937	16.9(e)	1.3	21.2
Other (except lard)				
Unrefined	1948	14.3	1.0	0.6
	1937	28.9	15.1	2.9
Refined (including dripping, suet and other edible animal fats, not elsewhere specified)	1948	34.7	-	3.0
	1937	34.0	0.3	9.3
Total animal oils, fats and greases (except lard)	1948	57.0(d) (f)	1.2	66.4
	1937	108.5(f)	24.3	52.7
Cod liver oil, refined (g)	1948	14.1	3.4	0.2
	1937	15.4(d) (h)	6.8	1.2
Other fish liver oil, refined (g)	1948	0.4	-	1.0

- (a) Figures of sales (or production) refer only to larger establishments in Great Britain (1948) or the United Kingdom (1937). All recorded exports from and imports into the United Kingdom are given in the table. The figures, therefore, are not strictly comparable.
- (b) Sales in 1948 and production for sale in 1937.
- (c) Including sales (or production) by establishments classified to other trades.
- (d) Partly estimated.
- (e) Recorded as "Premier jus, refined tallow, oleo margarine and oleo oil".
- (f) Including 1,500 tons (partly estimated) in 1948 and 12,200 tons in 1937 of unclassified animal oils, fats and greases (except lard).
- (g) The oversea trade figures relate to both refined and unrefined oil.
- (h) Described as "Cod and cod liver oil".

Purchased materials and fuel

Larger establishments

TABLE 13

	1948 (a)		1937 (b)		1935 (b)	
	Materials and fuel purchased		Usage of purchased materials and fuel			
	Quantity	Cost	Quantity	Cost	Quantity	Cost
	Th. galls.	£'000	Th. galls.	£'000	Th. galls.	£'000
Materials						
Oils, fats and greases						
Petroleum	1,712 Th. tons 439.0	110 10,364	16,004 Th. tons 341.4	873 3,383	49,839 Th. tons 162.1	1,892 1,594 370
Whale oil	1.9	148	1.9	49(c)	1.9	39(c)
Sperm oil	0.5	54				
Fish oil	14.1	1,712	16.3	346	11.9	287
Tallow	6.1 ..	836 117	6.4	157	6.0	117
Rape seed oil	0.9	180				
Castor oil	1.2	208	..	(d)	1.5	49
Other vegetable seed oils	5.1	506	8.5	251(e)	..	(d)
Raw fats	35.3	2,649	..	(d)	..	(d)
Stearine (stearic acid)	0.5	49				
Other acid oils (including fatty acids)	4.9	438				
Bones	18.1	131				
Containers						
Of metal	..	1,587	..	759(e)	..	(d)
Of glass	..	51				
Of wood	..	89				
Other packing materials	..	204				
All other purchased materials	..	2,220	..	1,838	..	2,497(f)
Unclassified materials	..	803	-	-	-	-

TABLE 13 (contd.)

	1948(a)		1937(b)		1935(b)	
	Materials and fuel purchased		Usage of purchased materials and fuel			
	Quantity	Cost	Quantity	Cost	Quantity	Cost
	Th. tons	£'000	Th. tons	£'000	Th. tons	£'000
Fuel and electricity						
Coal	59.8	172	108.1	116	99.1	91
Coke	5.4	12	..	(d)	8.9	6
	Th. B.T.U. (kW. hrs.)		Th. B.T.U. (kW. hrs.)		Th. B.T.U. (kW. hrs.)	
Electricity purchased (g)						
Electricity obtained from other works under the same ownership	10,251	52	6,094	25	5,542	23
Motor spirit (petrol) and derv. fuel	Th. galls.					
Used for road vehicles	27	77	..	(d)	..	(d)
Used for other power purposes	124	5	..	(d)	..	(d)
Other oil (including creosote/pitch mixtures)	2,161	76	..	(d)	910	10(h)
	..	23	..	(d)		
	Th. therms					
Gas purchased						
Gas obtained from other works under the same ownership	590	16	..	54	..	(d)
All other purchased fuel	..	10	..		..
Total		22,905		8,101		7,096

(a) Great Britain only.

(b) United Kingdom.

(c) Described as "Whale oil".

(d) Not recorded separately.

(e) So far as recorded separately.

(f) Including fuel not specified separately.

(g) The total quantity of electricity consumed in 1948 was 11,497,000 B.T. units, including 1,246,000 generated in the same works.

(h) Described as "Heavy fuel oil".

Stocks of finished products and work in progress and stocks of materials and fuel, 1948

Larger establishments in Great Britain

TABLE 14

	At beginning of year		At end of year	
	Quantity	Value	Quantity	Value
	Th. galls.	£'000	Th. galls.	£'000
Finished products				
Lubricating oils	413	46	420	49
	Th. tons		Th. tons	
	36.8	1,006	49.6	1,203
Lubricating greases	Th. cwts.		Th. cwts.	
	36.1	55	32.2	49
	..		..	12
Other finished products	..	446	..	488
Work in progress		253		331
Total finished products and work in progress		1,805		2,132
Materials and fuel	Th. galls.		Th. galls.	
Petroleum	178	11	248	16
	Th. tons		Th. tons	
	37.6	993	54.2	1,465
Whale oil	0.2	27	0.2	21
Other descriptions of materials and fuel	..	1,370	..	1,414
Total materials and fuel		2,401		2,917

Employment and remuneration (a)

Larger establishments

TABLE 15

	Average number of operatives			Administrative, technical and clerical employees (b)			Total		
	1948(c)	1937(d)	1935(d)	1948(c)	1937(d)	1935(d)	1948(c)	1937(d)	1935(d)
Males									
Under 18	125	341	283	92	213	144	217	554	427
All ages	4,248	4,254	4,005	2,789	2,656	2,489	7,037	6,910	6,474
Females									
Under 18	42	133	99	210	166	89	252	299	188
All ages	1,058	538	513	1,357	919	796	2,415	1,457	1,309
Total									
Under 18	167	474	382	302	379	233	469	853	615
All ages	5,306	4,792	4,518	4,146(e)	3,575	3,265	9,452 (e) (f) (g)	8,367	7,783
Total remuneration	£'000			£'000			£'000		
	1,526	..	..	2,098	..	..	3,624	..	..

(a) Excluded employees. The following numbers were employed at establishments in this trade but are not included in the table or in any other report (e.g., employees in a separate selling or transport organisation for which separate accounts are kept):-

Canteen workers	3 males	97 females
Other workers	456 males	64 females

(b) Number at September 25, 1948, October 16, 1937, and October 12, 1935.

(c) Great Britain only.

(d) United Kingdom.

(e) There were, in addition, 16 working proprietors (14 males and 2 females) in 1948. Working proprietors are included in the 1937 and 1935 figures.

(f) The employers' share of contributions to all National Insurance Schemes payable during the year in respect of these workers amounted to £78,000.

(g) The following persons (included in this total) were employed on special work by establishments employing 100 or more persons:-

	Operatives	Administrative, technical and clerical employees
Transport of goods outside the premises	173	
Maintenance and repair of firms' buildings, but not plant	20	
Research work not directly connected with current production however charged	-	39

Wages and salaries paid, 1948 (a)

Larger establishments in Great Britain

TABLE 16

	Amount paid by all establishments	Establishments making returns for the calendar year					
		Amount paid	Percentage of annual remuneration paid in				
			First quarter	Second quarter	Third quarter	Fourth quarter	Year
Wages and salaries of	£'000	£'000					
Operatives	1,526	943	24.7	24.5	24.6	26.2	100.0
Administrative, technical and clerical employees	2,098	1,314	23.4	23.7	24.3	28.6	100.0
Total	3,624	2,257	24.0	24.0	24.4	27.6	100.0

(a) Including bonus and commission payments.

TABLE 17 - Payments for work done on materials given out, 1948

Larger establishments in Great Britain

The total amount paid for work done on materials given out was £44,000.

Payments for certain services, 1948

Larger establishments in Great Britain

TABLE 18

	Amount paid
	£'000
Repair and maintenance	
Of buildings	72
Of plant, machinery and vehicles	129
Unclassified	163
Hire of plant, machinery and vehicles	71
Advertising and market research	
Advertising in newspapers, magazines and periodicals	91
Other advertising services (poster display, despatch of circulars, etc.) and market research	135
Unclassified	119
Payments made for research work	
To research associations	4
To universities, institutions, academic bodies and similar agencies	2
To other commercial concerns	4
Postage, telephone, telegrams and cables	86
Commercial insurance premiums	94
Rates (excluding water rates) payable in the year	32

Plant, machinery and vehicles acquired and disposed of, 1948

Larger establishments in Great Britain

TABLE 19

	Acquisitions		Disposals
	New	Second-hand	
	£'000	£'000	£'000
Plant and machinery	242	25	6
Vehicles	166	32	50
Total	408	57	56

Capital expenditure on building work and changes in occupation of buildings and land, 1948

Larger establishments in Great Britain

TABLE 20

	£'000	£'000
1. Capital expenditure on building work (a)		154
2. Existing buildings and land (b)		
(1) Capital cost of freeholds bought	2	
Estimated capital value of		
(11) Rented property newly occupied in the year (c)	14	
(111) Leasehold buildings and land newly occupied in the year	10	
Total of heading 2		27
Total of headings 1 and 2		181
3. Existing buildings and land relinquished (d)		17
4. Headings 1 and 2 less heading 3		163

- (a) Excluding site value which, where appropriate, is included in heading 2(1).
 (b) The figures do not reflect changes in ownership of previously occupied land and buildings.
 (c) Property which is occupied under an agreement for the payment of rent without the purchase of a lease or the payment of a premium.
 (d) Including property destroyed or abandoned.

1948

Summary

Larger establishments

TABLE 21

	England	Wales	Scotland	Great Britain
	£'000	£'000	£'000	£'000
Gross output (production)	29,846	181	925	30,952
Cost of materials and fuel used	21,582	133	674	22,389
Payment for work done on materials given out	44	-	-	44
Net output	8,221	48	251	8,520
Wages and salaries of persons employed	3,494	29	100	3,624
Average number of persons employed	No. 9,092	No. 90	No. 286	No. 9,468
Net output per person employed	£ 904	£ 532	£ 879	£ 900
Stocks at end of year	£'000	£'000	£'000	£'000
Finished products and work in progress	2,048	11	73	2,132
Materials and fuel	2,862	17	37	2,917
Number of establishments	No. 155	No. 5	No. 11	No. 171

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

	England	Wales	Scotland	Great Britain
	£'000	£'000	£'000	£'000
Output of firms in this trade				
Total value of sales (see Table 23)	30,168	182	943	31,293
Adjustment for changes in stocks and work in progress	+329	+1	-3	+327
Less payment for transport by other firms	30,498	183	940	31,620
Gross output (production)	29,846	181	925	30,952
Materials and fuel used by firms in this trade				
Purchases (see Table 24)	22,108	125	671	22,905
Adjustment for changes in stocks	-526	+7	+3	-516
Materials and fuel used	21,582	133	674	22,389

Summary
Small firms

TABLE 22

	England	Wales	Scotland	Great Britain
Number of returns	218	7	32	257
Average number of persons employed (a)				
Males	1,002	29	162	1,193
Females	153	1	42	196
Total	1,155	30	204	1,389

(a) Including working proprietors.

Sales in the trade
Larger establishments

TABLE 23

	England and Wales		Scotland		Great Britain	
	Quantity	Value	Quantity	Value	Quantity	Value
	Th. galls.	£'000		£'000	Th. galls.	£'000
Principal products						
Lubricating oils (excluding greases)						
Consisting solely of mineral oils (including white oils)	9,484 Th. tons 253.3	1,745 10,967	- Th. tons 5.7	- 274	9,484 Th. tons 259.0	1,745 11,241
Consisting of mineral oils compounded with other oils	Th. galls. 2,169 Th. tons 88.4	502 4,217	- 1.4	- 62	Th. galls. 2,169 Th. tons 89.8	502 4,278
Lubricating greases	Th. cwts.				Th. cwts.	
Black grease	263.7	231	-	-	263.7	231
Other	..	(a)	..	(a)	430.1	1,255
Total lubricating oils and greases	..	(a)	..	(a)	Th. galls. 11,653 Th. tons 383.4	2,247 17,006
Animal (except marine animal) oils, fats and greases	Th. tons					
Technical tallow	3.0	194	0.5	28	3.5	222
Edible tallow and premier jus					0.3	35
Dripping, suet and other edible animal fats, not elsewhere specified					25.4	4,095
Other (except lard)	..	(a)	..	(a)		
Unrefined					3.2	188
Refined					1.7	253
Unclassified	0.2	39	-	2	0.2	41
Total animal oils, fats and greases (except lard)	31.0	4,450	3.5	383	34.4	4,834
Cod liver oil, refined						
Industrial	1.6	199	-	-	1.6	199
Other (including medicinal and veterinary)	12.5	2,301	-	-	12.5	2,301

TABLE 23 (contd.)

	England and Wales		Scotland		Great Britain	
	Quantity	Value	Quantity	Value	Quantity	Value
	Th. tons	£'000	Th. tons	£'000	Th. tons	£'000
Principal products (contd.)						
Other oils, mixed or not including colloidal oils used for lubricating purposes; and fish liver (other than cod liver) oil, refined	..	(a)	..	(a)	21.6	1,753
Raw bones (including degreased), hollow bones and bone pieces	0.9	13	-	-	0.9	13
Greaves	..	(a)	..	(a)	1.3	23
Other waste products	..	19	..	2	..	21
Work done for the trade or on commission, including work done for the Ministry of Food		189(b)		-		189(b)
Total principal products		28,027		787		28,814
Other output						
Fish and marine animal oils, fats and greases, other than refined fish liver oil	..	(a)	..	(a)	1.1	141
Vegetable and seed oils (other than essential), refined	..	(a)	..	(a)	1.0	176
Lard compound	..	35	-	-	..	35
Stearine (stearic acid)	..	(a)	..	(a)	0.4	46
Acid oils, including fatty acids and oleine	..	(a)	..	(a)	1.1	84
Soap for household and industrial purposes	..	116	-	-	..	116
Feeding stuffs for animals						
Meat meal, meat and bone meal, bone meal and sterilised bone flour	..	(a)	..	(a)	4.5	91
Other	11.4	202	-	-	11.4	202
Manures and fertilizers	7.6	178	0.3	9	7.9	187
Bone by-products	..	(a)	..	(a)	2.5	43
Pitch	..	(a)	..	(a)	1.6	43
Chemical manufactures	..	187	-	-	..	187
Other goods	..	984	..	35	..	1,019
Work done		72(b)		7(b)		79(b)
Total		30,350		943		31,293

(a) Owing to the risk of disclosure of information relating to individual firms separate figures cannot be given.
(b) Amount charged.

Purchased materials and fuel
Larger establishments

TABLE 24

	England and Wales		Scotland		Great Britain	
	Quantity	Cost	Quantity	Cost	Quantity	Cost
	Th. galls.	£'000	Th. galls.	£'000	Th. galls.	£'000
Materials						
Oils fats and greases						
Petroleum	1,712 Th. tons 432.1	110 10,219	- Th. tons 6.9	- 145	1,712 Th. tons 439.0	110 10,364
Whale oil	..	(a)	..	(a)	1.9	148
Sperm oil	0.4	49	0.1	5	0.5	54
Fish oil	..	(a)	..	(a)	14.1	1,712
Tallow	..	(a)	..	(a)	6.1 ..	836 117
Rape seed oil	..	(a)	..	(a)	0.9	180
Castor oil	..	(a)	..	(a)	1.2	208
Other vegetable seed oils	4.7	472	0.4	34	5.1	506
Raw fats	..	(a)	..	(a)	35.3	2,649
Stearine (stearic acid)	0.5	49	-	-	0.5	49
Other acid oils (including fatty acids)	4.6	416	0.3	21	4.9	438
Bones	..	(a)	..	(a)	18.1	131
Containers						
Of metal	..	1,587	..	19	..	1,587
Of glass	..	51	-	-	..	51
Of wood	..	83	..	6	..	89
Other packing materials	..	199	..	5	..	204
All other purchased materials	..	2,198	..	22	..	2,220
Unclassified materials	..	634	..	174	..	808
Fuel and electricity						
Coal	54.2	156	5.6	16	59.8	172
Coke	5.4	12	-	-	5.4	12
Electricity purchases (b)	Th. B.T.U. (kW. hrs.)		Th. B.T.U. (kW. hrs.)		Th. B.T.U. (kW. hrs.)	
Electricity obtained from other works under the same ownership	10,103	51	148	1	10,251	52

TABLE 24 (contd.)

	England and Wales		Scotland		Great Britain	
	Quantity	Cost	Quantity	Cost	Quantity	Cost
	Th. galls.	£'000	Th. galls.	£'000	Th. galls.	£'000
Fuel and electricity (contd.)						
Motor spirit (petrol) and deriv. fuel						
Used for road vehicles	797	74	30	3	827	77
Used for other power purposes	..	(a)	..	(a)	124	5
Other oil fuel (including creosote/pitch mixtures)	2,161 ..	76 23	-	-	2,161 ..	76 23
Gas purchased	Th. therms		Th. therms		Th. therms	
Gas obtained from other works under the same ownership	588	15	2	-	590	16
All other purchased fuel	..	10	-	-	..	10
Total		22,234		671		22,905

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

(b) The total quantity of electricity consumed in Great Britain was 11,497,000 B.T. units, including 1,246,000 generated in the same works. Owing to the risk of disclosure of information relating to individual firms, separate particulars for England and Wales and for Scotland cannot be given.

Employment and remuneration

Larger establishments

TABLE 25

	England and Wales			Scotland			Great Britain		
	Average number of operatives	Administrative, technical and clerical employees (a)	Total	Average number of operatives	Administrative, technical and clerical employees (a)	Total	Average number of operatives	Administrative, technical and clerical employees (a)	Total
Males									
Under 18	121	89	210	4	3	7	125	92	217
All ages	4,096	2,713	6,809	152	76	228	4,248	2,789	7,037
Females									
Under 18	42	202	244	-	8	8	42	210	252
All ages	1,043	1,318	2,361	15	39	54	1,058	1,357	2,415
Total									
Under 18	163	291	454	4	11	15	167	302	469
All ages	5,139	4,031 (b)	9,170 (b) (c)	167	115 (b)	282 (b) (c)	5,306 (b)	4,146 (b)	9,452 (b) (c)
	£'000	£'000	£'000	£'000	£'000	£'000	£'000	£'000	£'000
Total remuneration	1,480	2,044	3,524	46	54	100	1,526	2,098	3,624

(a) Number at September 25, 1948.

(b) There were, in addition, 16 working proprietors (14 males and 2 females) in Great Britain; 10 males and 2 females in England and Wales, and 4 males in Scotland.

(c) The employers' share of contributions to all National Insurance Schemes payable during the year in respect of these workers amounted to a total of £78,000; £76,000 for England and Wales, and £2,000 for Scotland.

2/0/26

CHEMICALS AND ALLIED TRADES. COUNTRY TABLES

Monthly index of employment of operatives: Larger establishments
(average employment in 1948 = 100)

TABLE 26

Month	Monthly index (a)			Month	Monthly index (a)		
	England and Wales	Scotland	Great Britain		England and Wales	Scotland	Great Britain
1948				1948			
January	102.7	105.2	102.8	August	99.2	100.0	99.2
February	102.5	104.3	102.5	September	100.4	95.7	100.2
March	101.2	101.7	101.2	October	102.0	100.0	101.9
April	97.7	98.3	97.7	November	102.2	102.6	102.3
May	97.0	98.3	97.1	December	99.3	96.5	99.2
June	98.1	100.9	98.2	Percentage employ- ment in this trade covered by the index	60.8	68.9	61.0
July	97.7	96.5	97.7				

(a) The index numbers are calculated from the number of operatives employed in one week in each month returned by larger establishments that made returns for the calendar year 1948.

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