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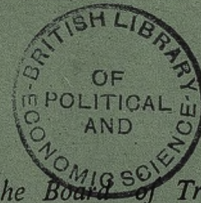
BOARD OF TRADE

THE REPORT
on the
CENSUS OF PRODUCTION
FOR 1951

Volume 11

Trade H

CINEMATOGRAPH FILM PRINTING



*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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LIST OF TABLES

Table No.	Title	Page
1	Summary: Larger establishments	11/H/2
2	Summary: Small firms	11/H/3
3	Estimated average employment: All firms	11/H/3
4	Analysis by size, 1951: Larger establishments in Great Britain	11/H/3
5	Analysis by standard region, 1951: Larger establishments in Great Britain	11/H/4
6	Analysis according to specialisation within the trade, 1951: Larger establishments in Great Britain	11/H/4
7	Total make of intermediate products: Larger establishments in Great Britain	*
8 or 8(i)	Sales of the principal products of the trade, including sales of these products by establishments classified to other trades: Larger establishments in Great Britain	11/H/4
8(ii)	Total sales by small firms in Great Britain	*
9	Sales of principal products of the trade by establishments classified to other trades: Larger establishments in Great Britain	11/H/5
10	Sales in the trade of other than principal products: Larger establishments in Great Britain	11/H/5
11	Production, exports and imports of certain principal products	*
12	Usage of certain specified purchased materials, 1951: Larger establishments in Great Britain	11/H/5
13	Employment in September: Larger establishments	11/H/6
14	Average employment: Larger establishments	11/H/7
15	Shift working, 1951: Larger establishments in Great Britain	11/H/7
16	Wages and salaries and employers' National Insurance contributions paid during the year: Larger establishments	11/H/8
17	Plant, machinery and vehicles - acquisitions and disposals, and capital expenditure on new building work: Larger establishments	11/H/8
<u>Country tables, 1951</u>		
18	Summary: Larger establishments	11/H/9
19	Summary: Small firms	11/H/9
20 or 20(i)	Sales in the trade: Larger establishments	11/H/9
20(ii)	Sales in the trade: Small firms	*
21	Stocks of products on hand for sale and work in progress, and stocks of materials and fuel: Larger establishments	11/H/10
22	Employment in September: Larger establishments	11/H/10
23 or 23(i)	Average employment: Larger establishments	11/H/10
23(ii)	Average employment: Small firms	*
24	Wages and salaries and employers' National Insurance contributions paid during the year: Larger establishments	11/H/10
25	Plant, machinery and vehicles - acquisitions and disposals, and capital expenditure on new building work: Larger establishments	11/H/10
26	Payments for transport services for finished goods sold and materials and fuel purchased: Larger establishments	11/H/10

* Not applicable to this trade

CINEMATOGRAPH FILM PRINTING TRADE

THIS REPORT on the Cinematograph Film Printing Trade relates to establishments engaged wholly or mainly in developing, printing, colouring and repairing cinematograph films and sound tracks.

This trade corresponds to minimum list heading 195(2) in the Standard Industrial Classification.

There were no larger establishments in Northern Ireland in the register for this trade.

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.

CINEMATOGRAPH FILM PRINTING TRADE

Summary

Larger establishments (a)

	Great Britain					
	1951	1950	1949	1948	1937	1935
Gross output (work done) (b)	£'000 6,285	£'000 5,546	£'000 5,050	£'000 4,306	£'000 1,435	£'000 1,439
Cost of materials and fuel used (c)	3,790	3,075	2,621	2,417	1,004	965
Payment for work done on materials given out	1	10	13	11	4	1
Transport payments (d)	14	..	..	..	..	..
Net output	2,481	2,462	2,416	1,878	427	473
Wages and salaries of persons employed	1,277	1,052	1,065	1,007	..	..
	No.	No.	No.	No.	No.	No.
Average number of persons employed (e)	2,385	2,348	2,374	2,343	949	852
	£	£	£	£	£	£
Net output per person employed (e)	1,040	1,048	1,018	802	450	555
	£'000	£'000	£'000	£'000	£'000	£'000
Stocks at end of year						
Products on hand for sale and work in progress	129	100	96	77	..	..
Materials and fuel	558	431	407	344	..	..
	No.	No.	No.	No.	No.	No.
Number of establishments	19	18	21	23	..	..

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 (f)	6,152	5,548	5,038	4,241	1,435	1,439
Principal output (g)	107			76	-	-
Other output						
Changes in stocks and work in progress (h)	+ 26	+ 12	+ 20	+ 1		
	6,285	5,559	5,057	4,318	1,435	1,439
Less payment for transport outwards (d)	..	13	8	12		
Gross output (work done)	6,285	5,546	5,050	4,306	1,435	1,439
Materials and fuel used by firms in this trade						
Purchases	3,920	3,143	2,689	2,459	1,004	965
Changes in stocks (h)	- 130	- 68	- 68	- 41		
Materials and fuel used	3,790	3,075	2,621	2,417	1,004	965

(a) For small firms' summary see Table 2.

(b) 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.

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

(d) 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.

(e) Including working proprietors. For an estimate of the total numbers of persons employed in this trade see Table 3.

(f) Amount charged in 1951, 1950, 1949 and 1948 and amount received in 1937 and 1935.

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

(h) For details for 1951 see Table 21.

Summary
Small firms (a)

	Great Britain			
	1951	1950	1949	1948
Number of returns	6	6	10	5
Average number of persons employed (b)				
Males	33	21	29	15
Females	5	9	13	3
Total	38	30	42	18

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

(b) Including working proprietors.

Estimated average employment (a)

All firms

	Great Britain				Number
	1951	1950	1949	1948	
As returned by firms					
Employing on the average more than ten persons (b)	2,385	2,348	2,374	2,343	
Employing on the average ten or fewer persons (c)	38	30	42	18	
	2,423	2,378	2,416	2,361	
Estimated average employment in firms not making satisfactory returns	21	44	-	-	
Estimated average employment in all firms	2,444	2,422	2,416	2,361	

(a) Including working proprietors.

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

(c) See Table 2.

Analysis by size, 1951

Larger establishments in Great Britain

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	5	180	76	87	30	12	42	872
25 - 49	4	523	183	172	65	16	80	1,064
50 - 99	4	532	209	262	111	39	150	798
100 - 199	3	905	270	400	172	26	199	674
200 - 999	3	4,145	1,743	1,464	601	205	806	1,191
Total	19	6,285	2,481	2,385	979	297	1,277	1,040

(a) Administrative, technical and clerical employees.

Analysis by standard region, 1951
Larger establishments in Great Britain

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									
London and South Eastern; and Southern	19	6,285	2,481	100.0	2,385	979	297	1,277	1,040
Northern; East and West Ridings; North Midland; Eastern; South Western; Midland; and North Western	-	-	-	-	-	-	-	-	-
Wales	-	-	-	-	-	-	-	-	-
Scotland	-	-	-	-	-	-	-	-	-
Great Britain	19	6,285	2,481	100.0	2,385	979	297	1,277	1,040

(a) Administrative, technical and clerical employees.

TABLE 6 - Analysis according to specialisation within the trade, 1951
Larger establishments in Great Britain

No specialisation within this trade was distinguished.

TABLE 7 - Total make of intermediate products: Larger establishments in Great Britain

This table is not applicable to the trade.

Principal output of the trade, including similar work done
by establishments classified to other trades
Larger establishments in Great Britain

TABLE 8

	1951			1948	
	Quantity	Amount charged	Entries	Quantity	Amount charged
	Th. lin. ft.	£'000	No.	Th. lin. ft.	£'000
Cinematograph printing and developing work done					
35 mm. film					
Positives printed for distribution to exhibitors					
Newsreels	89,167	535	6	69,071	339 (a)
Other					
From British made original negatives or from duplicates of such negatives	120,459	1,090	11	123,770	907
From imported original negatives or from duplicate negatives of imported films	189,272	2,185	10	154,272	1,011
Unclassified	40,309	292	..	64,682	330
Sound track, separately printed	1,473	8	7	12,628	72

(85611/1)

TABLE 8 (contd.)

	1951			1948	
	Quantity	Amount charged	Entries	Quantity	Amount charged
	Th. lin. ft.	£'000	No.	Th. lin. ft.	£'000
Cinematograph printing and developing work done (contd.)					
35 mm. film (contd.)					
Original sound and picture negatives developed	40,668	180	10	63,194	264(b)
Prints not included above (e.g., duplicate negatives, dye matrices, rush prints, opticals, duplicate positives)					
Positives	41,339	391	9	30,923	237
Negatives	15,334	263	12	11,785	222
16 mm. film					
Positives printed for distribution to exhibitors					
From British made original negatives or from duplicates of such negatives	32,652	279	8	37,770	278
From imported original negatives or from duplicate negatives of imported films	13,832	124	7	14,013	88
Unclassified	13,040	94	..	18,248	120(c)
Other 16 mm. processing and/or printing	27,772	217	10	4,001	48(d)
9.5 mm. and 8 mm. processing and/or printing	22,838	160	6		
Other work done (cinematograph and other) (e)		249	10		318
Waste products sold (f)	..	84	15	..	40
Total		6,152	..		4,274
Output in other trades		-	-		33
Principal output of this trade by establishments in the trade		6,152	19		4,241

- (a) Described as 'Black and white, and monochrome': no output of colour newsreels was recorded.
(b) Including some 16 mm. film.
(c) Including 2,154,000 lin. ft. of newsreels for the printing of which £14,000 was charged.
(d) Excluding original sound and picture negatives developed.
(e) Including processing and/or printing of film other than cinematograph film.
(f) Net selling value.

TABLE 9 - Principal output of the trade by establishments classified to other trades
Larger establishments in Great Britain

No principal output of the trade by establishments classified to other trades was recorded for 1951, and owing to the risk of disclosure of information relating to individual firms no particulars additional to those shown in Table 8 can be given for 1948.

TABLE 10 - Output in the trade, other than principal output
Larger establishments in Great Britain

The total amount charged for work done other than the principal output was £107,000 in 1951 and £76,000 in 1948. Owing to the risk of disclosure of information relating to individual firms, details cannot be given.

TABLE 11 - Production, exports and imports of certain principal products

This table is not applicable to the trade.

TABLE 12 - Usage of certain specified purchased materials, 1951
Larger establishments in Great Britain

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

(85611/1)

Employment in September

TABLE 13

Larger establishments (a)

(i) Operatives	Great Britain						Number
	1951(b)	1950(b)	1949(b)	1948(c)	1937(c)	1935(c)	
Males							
Under 18	41	36	38	60	43	37	
All ages	1,614	1,495	1,634	1,419	602	546	
Females							
Under 18	22	21	24	36	49	44	
All ages	429	437	471	441	233	222	
Total							
Under 18	63	57	62	96	92	81	
All ages	2,043	1,932	2,105	1,860	835	768	

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

	Great Britain						Number
	1951	1950	1949	1948	1937	1935	
Males							
Under 18	1	2	1	5	5	4	
All ages	288	240	230	307	70	66	
Females							
Under 18	8	11	10	15	10	4	
All ages	132	121	130	175	44	18	
Total							
Under 18	9	13	11	20	15	8	
All ages	420(e)	361(e)	360(e)	482(e)	114	84	

(iii) Total employees

	Great Britain						Number
	1951	1950	1949	1948	1937	1935	
Males							
Under 18	42	38	39	65	48	41	
All ages	1,902	1,735	1,864	1,726	672	612	
Females							
Under 18	30	32	34	51	59	48	
All ages	561	558	601	616	277	240	
Total							
Under 18	72	70	73	116	107	89	
All ages	2,463(e)	2,293(e)	2,465(e)	2,342(e)	949	852	

(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 (e.g., employees engaged in merchanting):-

Canteen workers	11	Males	30	Females	
Other workers	11	Males	2	Females	

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

(c) Average for the year.

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

(e) 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

	Great Britain				Number
	1951	1950	1949	1948	
Males	1	1	1	1	
Females	-	-	-	-	
Total	1	1	1	1	

Average employment

TABLE 14

Larger establishments (a)

	Great Britain						Number
	1951	1950	1949	1948	1937	1935	
Operatives	1,980	1,984	2,018	1,860	835	768	
Administrative, technical and clerical employees	404	363	355	482(b)	114(b)	84(b)	
Total	2,384	2,347	2,373	2,342	949	852	

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

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

Outworkers. No outworkers were recorded in this trade.

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	210	1,680	1
Continuous 4 shift systems per 24 hours averaging 6 hours per shift	-	-	-
All 2 shift systems	1,425	13,738	3
Other shift systems	3,960	38,120	3
Total	5,595	53,538	(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	19	7	2,043	1,641	1,119
Percentage of total in trade	100.0	36.8	100.0	80.3	54.8
Percentage of total on returns showing shift-work				100.0	68.2

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

TABLE 16

Larger establishments

£'000

	Great Britain			
	1951	1950	1949	1948
Wages and salaries (a) of				
Operatives	979	822	837	752
Administrative, technical and clerical employees	297	230	229	255
Total	1,277	1,052	1,065	1,007
Employers' contributions to all National Insurance Schemes	24	23	23	19

(a) Including bonus and commission payments.

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

TABLE 17

Larger establishments

£'000

	Great Britain		
	1951	1949	1948
Plant, machinery and vehicles			
Acquisitions			
Plant and machinery			
New	281	303	191
Second-hand	1	1	8
Vehicles			
New	10	14	9
Second-hand	1	2	-
Total acquisitions	293	320	208
Disposals			
Plant and machinery	5	3	14
Vehicles	4	5	4
Total disposals	9	8	18
New building work			
Capital expenditure on new building and other constructional work of a capital nature (excluding site values and development charges)	120	116	111(a)

(a) Including the value of existing buildings and land acquired during the year.

(85811/1)

1951

Note - There were no larger establishments in Wales or Scotland in the register for this trade.

TABLE 18 - Summary: Larger establishments

See Table 1.

TABLE 19 - Summary: Small firms

See Table 2. There were no small firms in Wales or Scotland in the register for this trade.

Output in the trade
Larger establishments

TABLE 20

	England	
	Quantity	Amount charged
	Th. lin. ft.	£'000
Principal output		
Cinematograph printing and developing work done		
35 mm. film		
Positives printed for distribution to exhibitors		
Newsreels	89,167	535
Other		
From British made original negatives or from duplicates of such negatives	120,459	1,090
From imported original negatives or from duplicate negatives of imported films	189,272	2,185
Unclassified	40,309	292
Sound track, separately printed	1,473	8
Original sound and picture negatives developed	40,668	180
Prints not included above (e.g., duplicate negatives, dye matrices, rush prints, opticals, duplicate positives)		
Positives	41,339	391
Negatives	15,334	263
16 mm. film		
Positives printed for distribution to exhibitors		
From British made original negatives or from duplicates of such negatives	32,652	279
From imported original negatives or from duplicate negatives of imported films	13,832	124
Unclassified	13,040	94
Other 16 mm. processing and/or printing	27,772	217
9.5 mm. and 8 mm. processing and/or printing	22,838	160
Other work done (cinematograph and other)	..	249(a)
Waste products	..	84(b)
Total principal output		6,152
Other output		107
Total		6,259

(a) Including processing and/or printing of film other than cinematograph film.

(b) Net selling value.

(85811/1)

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

Larger establishments

TABLE 21 £'000

		England
Products on hand for sale and work in progress	{ at beginning of year	102
	{ at end of year	129
Materials and fuel	{ at beginning of year	428
	{ at end of year	558

TABLE 22 - Employment in September: Larger establishments

See Table 13.

TABLE 23 - Average employment: Larger establishments

See Table 14.

TABLE 24 - Wages and salaries and employers' National Insurance contributions
paid during the year: Larger establishments

See Table 16.

TABLE 25 - Plant, machinery and vehicles - acquisitions and disposals, and capital
expenditure on new building work: Larger establishments

See Table 17.

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

Larger establishments

TABLE 26 £'000

	England
Amounts paid to other firms and undertakings	14
Amount paid or credited to firms' own separate transport organisations	-
Total	14

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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