



BOARD OF TRADE

FINAL REPORT  
on the  
CENSUS OF PRODUCTION  
FOR 1948  
Volume 12  
Trade B  
LOCAL AUTHORITIES  
(BUILDING AND CIVIL ENGINEERING)

*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).*

LONDON : HER MAJESTY'S STATIONERY OFFICE

1952

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3.452

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

LOCAL AUTHORITIES (BUILDING AND CIVIL ENGINEERING)

THIS REPORT relates to the work of building construction, repair and renewal, and civil engineering work carried out by persons in the direct employment of Local Authorities.

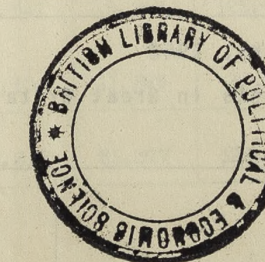
This trade corresponds to minimum list headings 200(2) (Building) and part of 202(2) (Civil Engineering) in the Standard Industrial Classification.

The Report does not include any building or civil engineering work carried out by the employees of Public Utility Undertakings owned by Local Authorities, or work done on behalf of Local Authorities by contractors. Particulars of work furnished by such undertakings or contractors are included in the reports on the trades concerned.

Certain classes of maintenance work (e.g., street cleaning and watering, the collection and disposal of refuse, the activities of park and green keepers and gardeners maintaining flower beds and greens) were not considered as production for the purpose of the Census and all particulars relating to such work are excluded. The report also excludes work done by employees of parish councils and parish meetings.

Local Authorities were asked to return their output in terms of work done in the year of return, valuing that work on the basis of the cost of materials used and wages and salaries paid, together with the establishment charges attributable to the work carried out. Similarly, the cost of materials related to materials used, not materials purchased in the year.

Building departments and civil engineering establishments of Local Authorities in Northern Ireland (which are excluded in 1948 and 1946) accounted in 1935 for less than £500,000 net output.





## LOCAL AUTHORITIES (BUILDING AND CIVIL ENGINEERING)

## Summary

## Larger establishments (a)

TABLE 1

	1948 (b)	1946 (b)	1935 (c)
	£'000	£'000	£'000
Gross output (production)	109,312	83,753	51,601
Cost of materials and fuel used	46,935 (d)	33,785 (d)	21,146
Net output	62,377	49,968	30,455
Wages and salaries of persons employed	56,833 (e) NO.	45,093 (e) NO.	.. NO.
Average number of persons employed	195,627 (e) £	178,887 (e) £	191,052 £
Net output per person employed	319 (e) NO.	279 (e) NO.	159 NO.
Number of returns (f)	970	872	1,079

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

(b) Great Britain only.

(c) United Kingdom.

(d) Including sums paid for hired haulage and for the hire of plant and machinery.

(e) The figures for wages and salaries of persons employed, average number of persons employed and the net output per person employed do not include prisoners of war. The estimated average number of prisoners employed during the year 1946 in the work done by the Local Authorities was 4,624 (including 595 whose services were provided without payment), the amount paid for prisoner-of-war labour was about £607,000. In 1948, 10 Authorities employed prisoners of war compared with 102 Authorities in 1946; the amount paid was £2,000.

(f) While Local Authorities were not required to make returns on the basis of establishments, a few of them did so.

The values of gross output are derived in the following way:-

	1948	1946	1935
	£'000	£'000	£'000
Output of establishments in this trade			
Total value of output			
Building and civil engineering work done (see Table 8(11))	108,963	82,968	50,131
Other output (see Table 10)	349	785	1,470
Gross output (production)	109,312	83,753	51,601

## Summary, 1948

## Small establishments in Great Britain

TABLE 2

Gross output	£'000 1,016
Average number of persons employed	NO. 2,386
Number of returns	NO. 438

## Estimated average employment, 1948

## All Authorities in Great Britain

TABLE 3

As returned by Authorities	
Employing on average more than ten persons (a)	195,627
Employing on average ten persons or less (b)	2,386
Estimated average employment in Authorities not making satisfactory returns	198,013 280
Estimated average employment in all Authorities	198,293

(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	
	NO.	£'000	£'000	NO.	£'000	£'000	£'000	£
11-24	175	1,513	906	3,092	703	139	842	293
25-49	197	3,610	2,131	6,987	1,633	317	1,950	305
50-99	206	7,931	4,605	14,977	3,591	642	4,233	307
100-199	157	12,476	7,115	22,372	5,570	897	6,467	318
200-299	58	7,804	4,572	14,198	3,630	523	4,153	322
300-399	50	10,149	5,590	17,196	4,368	680	5,048	325
400-499	26	7,238	3,813	11,904	3,097	447	3,544	320
500-749	50	17,193	9,834	30,042	7,509	1,228	8,737	327
750-999	15	7,150	3,851	12,462	3,119	443	3,562	309
1,000-1,499	22	15,147	8,283	25,954	6,524	1,018	7,543	319
1,500-and over	14	19,101	11,678	36,443	9,561	1,194	10,755	320
Total	970	109,312	62,377	195,627	49,305	7,528	56,833	319



## 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	75	10,819	5,781	9.3	18,415	4,677	567	5,244
East and West Ridings of Yorkshire	82	8,284	4,855	7.8	15,657	3,848	648	4,496
North Midland	72	6,904	3,593	5.8	11,155	2,728	487	3,216
Eastern	80	6,416	3,562	5.7	11,452	2,738	522	3,260
London and South Eastern	168	21,227	14,156	22.7	42,089	11,336	1,628	12,963
Southern	53	5,596	2,736	4.4	8,456	2,005	452	2,457
South Western	66	7,775	4,032	6.5	12,986	3,186	498	3,685
Midland	77	8,974	5,072	8.1	15,695	3,927	608	4,535
North Western	131	13,639	8,054	12.9	24,699	6,358	1,012	7,370
Total England	804	89,634	51,840	83.1	160,804	40,804	6,422	47,226
Wales	72	8,222	4,686	7.5	15,570	3,819	504	4,323
Scotland	94	11,456	5,851	9.4	19,253	4,682	603	5,285
Great Britain	970	109,312	62,377	100.0	195,627	49,305	7,528	56,833

TABLE 6 - Analysis according to specialisation within the trade, 1948

## Larger establishments in Great Britain

No specialisation within this trade was distinguished.

TABLE 7 - Total make of intermediate products: Larger establishments

This table is not applicable to the trade.

## New building construction - details for 1948

## Larger establishments in Great Britain

TABLE 8 (i)

	Buildings completed in the year (a)				Value of work in progress on buildings not completed				Total value of work done in the year
	Quantity	Total cubic feet (b)	Value (c)	Entries	At end of year	Entries	At beginning of year	Entries	
	No. of dwellings	Thous.	£'000	No.	£'000	No.	£'000	No.	
Construction of new private residential premises (brick or stone walls)									
Purely residential flats or tenements	1,761	18,218	1,923	24	1,507	31	1,376	25	2,072
Purely residential houses	8,048	99,112	9,773	134	4,519	145	4,527	130	10,315
Residential dwellings attached to business premises (other than department stores)	14	234	22	..	70	6	8	..	84
Other new building construction									
Department stores and shops not combined with dwellings	41	56	48	6	16	5	32	..	51
Public buildings (buildings owned by Government, Local or other Public Authorities) except dwellings, schools, hospitals, offices and factories	23	55	32	13	21	10	12	9	77
Public office buildings (excluding town halls)	13	23	34	11	40	11	29	..	50
Private office buildings	1	1	3	..	-	-	-	-	9
Hospitals, clinics, nursing homes, etc.	2	2	2	..	28	8	6	..	33
Schools and college buildings owned by Government, Local and other Public Authorities	..	150	165	12	444	19	170	14	544



TABLE 8 (i)(contd.)

	Buildings completed in the year (a)				Value of work in progress on buildings not completed				Total value of work done in the year					
	Quantity	Total cubic feet (b)	Value(c)	Entries	At end of year	Entries	At beginning of year	Entries						
	No.	Th. sq. ft. (d)	£'000	No.	£'000	No.	£'000	No.	£'000					
Other new building construction (contd.)														
Factories and workshops (including electric power stations, gas works, petrol filling stations, repair garages, etc.)	17 4 ..	24 .. ..	28 13 32	9 .. 12	66	16	22	15	118					
Warehouses and storage premises	17 3 .. ..	27 .. 24 ..	26 1 18 15	11 .. .. 10						27	9	20	7	67
Private and lock-up garages	32 22 ..	15 .. ..	6 5 3	9 10 8										
Total			12,900	970	6,739	970	6,203	970	13,436					

- (a) Extensions to existing buildings, for which quantitative details were not normally given, are included.  
 (b) Estimated cubic capacity of dwellings represented by the area enclosed by the perimeter of the base multiplied by the mean height of the building with allowance for bay windows, etc.  
 (c) Valued at cost. See Introductory Note.  
 (d) Superficial floor area.

## Building and civil engineering work done (a)

## Larger establishments

This table gives particulars of work done by Local Authorities, including the value of work of new building construction, of which quantitative and value details for 1948 are given in Table 8(i).

TABLE 8(ii)

	1948 (b)(c)		1946 (c)	1935 (d)
	Value of work done in the year (e)	Entries	Value of work done in the year (e)(f)	Value of work done in the year (e)
	£'000	No.	£'000	£'000
Work on new buildings (g)(h)				
Private residential premises				
Flats and tenements	2,072	39	7,103	690
Houses	10,315	185		1,888
Dwellings attached to business premises (other than department stores)	84	9		
Factories and workshops (including electric power stations, gas works, petrol filling stations, repair garages, etc.)	118	36		80
Temporary houses	41	28	97	-
Permanent prefabricated houses	817	30	498	-
Schools and college buildings owned by Government, Local and other Public Authorities	544	33	73	94
Public buildings (buildings owned by Government, Local or other Public Authorities) except dwellings, schools, hospitals, offices and factories	77	36	(m)	262
Department stores and shops not combined with dwellings	51	13		
Hotels	-	-		
Public office buildings (excluding town halls)	50	27		
Private office buildings	9	5		
Hospitals, clinics, nursing homes, etc.	33	13	(m)	(m)
Warehouses and storage premises	67	33		
Private and lock-up garages	17	33		
Farm buildings, etc. (excluding dwellings)	8	13		



TABLE 8 (ii) (contd.)

	1948 (b)(c)		1946 (c)	1935 (d)
	Value of work done in the year (e)	Entries	Value of work done in the year (e)(f)	Value of work done in the year (e)
	£'000	No.	£'000	£'000
Work on new buildings (g)(h) (contd.)				
Horticultural buildings (excluding dwellings) and greenhouses	13	27	(m)	(m)
Other new buildings	70	32	152	184
Total value of work on new buildings	14,386	..	7,923	3,198
Work on buildings, other than new construction				
Conversion and adaptation of dwellings	459(1)	187	750(1)	5,259
Repair and maintenance work of all kinds on existing buildings (e.g., painting, decorating, plumbing, heating, lighting (natural and artificial), carpentry work)				
Private residential premises	14,745	750	10,644(j)	
Other premises	9,881	750	7,465(k)	
Electrical work (wiring, fitting, etc., not included above)	-	-	117	
Total value of work on other than new buildings	25,085	..	18,976	5,259
Other work				
Demolition work, not included above	380(1)	56	1,920	(m)
Housing site preparation	4,720	421	4,059	(n)
Construction, alteration, repair or maintenance of				
Highways (roads - including wood paving-bridges, footpaths, surface drains, etc.)	54,950	866	44,302	38,878
Parks, promenades, gardens, cemeteries and open spaces (including recreation or sports grounds, tennis courts, bowling greens, etc.)	2,649	651	2,056	1,728
Sewers and sewage disposal works	4,923	778	2,666	2,111
Harbours, wharves, docks and piers	198	77	39(1)	92

TABLE 8(ii) (contd.)

	1948 (b)(c)		1946 (c)	1935 (d)
	Value of work done in the year (e)	Entries	Value of work done in the year (e)(f)	Value of work done in the year (e)
	£'000	No.	£'000	£'000
Other work (contd.)				
Construction, alteration, repair or maintenance of (contd.)				
Canals and waterways	115	38	101(1)	67
Sea walls and embankments	381	93	135(1)	255
Waterworks, reservoirs, aqueducts, wells, mains, hydraulic works, etc.	125(1)	51	30(1)	17
Tramways, permanent way, etc.	369(1)	..	29(1)	35
Electric lines and works	6(1)	..	23(1)	19
Swimming pools	262	270	709	(m)
Work of construction, alteration, etc., for private consumers	2(1)	..		130
Land drainage and reclamation works	56(1)	..		210
Other	357	107		332
Total value of building and civil engineering work done	108,963	970	82,968	50,131

- (a) The figures shown in this table do not include civil engineering or other productive work carried out by Local Authorities and recorded on schedules for other trades, e.g., civil engineering work carried out by Public Utility Undertakings owned by Local Authorities. These particulars will be aggregated and shown in a later summary volume.
- (b) For output of small establishments see Table 23(11).
- (c) Great Britain only.
- (d) United Kingdom.
- (e) Valued at cost. See Introductory Note.
- (f) A few authorities did not make returns for 1946. To this extent, therefore, the figures for 1946 are not strictly comparable with those for 1948.
- (g) Including the enlargement of existing buildings.
- (h) Quantitative details are available for most of these items, these details are given in Table 8(1).
- (1) Including the value of some work in progress on conversions not completed at the end of the year. The figure for 1948 relates to the conversion of 758 dwellings into 1,907 dwellings, and that for 1946 to the conversion of 2,970 dwellings into 6,397 dwellings.
- (j) Of which, £2,082,000 represented war damage repairs other than complete rebuilding.
- (k) Of which, £386,000 represented war damage repairs other than complete rebuilding.
- (l) So far as recorded separately.
- (m) Not recorded separately.
- (n) For 1935 housing site preparation is included against the appropriate heading for building work.



TABLE 9 - Sales (or production) of principal products of the trade by establishments classified to other trades: Larger establishments

This table is not applicable to the trade.

Output in the trade  
other than that shown in Table 8(ii)

LARGER ESTABLISHMENTS

TABLE 10

	1948 (a) (b)	1946 (b)	1935 (c)
	£'000	£'000	£'000
Printing work (d)	5	206	77
Repair and maintenance of			
Vehicles	99 (e)	38 (e)	580
Machinery and plant	80 (e)	107 (e)	559
Work on shop and office fitting	63	-	-
Other work	27	-	-
Goods made and sold by Local Authorities and not used in the work of building and civil engineering entered in Table 8(ii)			
Road making materials	23	255	92
Clothing	-	33	35
Other goods	52	146	127
<b>Total</b>	<b>349</b>	<b>785</b>	<b>1,470</b>

- (a) For output of small establishments see Table 23(ii).  
 (b) Great Britain only.  
 (c) United Kingdom.  
 (d) So far as recorded separately.  
 (e) So far as recorded separately. It is believed that for 1948 and 1946 most Local Authorities treated the value of the work they did in maintaining plant, machinery and vehicles as an establishment charge. To the extent that this occurred the specified kinds of work done in Table 8(ii) for 1948 and 1946 are not strictly comparable with those for 1935.

TABLE 11 - Analysis of sales, 1948: Larger establishments in Great Britain

TABLE 12 - Production, exports and imports of certain principal products

These tables are not applicable to the trade.

Materials and fuel purchased and used and other charges

Larger establishments (a)

TABLE 13

	1948 (b)		1946 (b)		1935 (c)	
	Quantity	Cost	Cost	Quantity	Cost (d)	
	Million	£'000	£'000	Million	£'000	
Materials						
Bricks	229.3	1,336	25,570	173.7	436	
Cement	Th. tons 330.1	1,274		Th. tons 362.0	796	
Steel used for reinforcement	{ 4.2 ..	{ 119 51		{ 7.3 ..	{ 71 22	
Other structural iron and steel (including steel, etc. piling)	{ 4.4 ..	{ 102 44		{ 4.4	{ 55	
Timber, not fabricated (including wood piling)	..	1,562		Th. cu. ft. 205.5	38 (e)	
Electrical materials (wire, switches, etc.)	..	757		Th. loads 44.9	21	
All other purchased materials	..	32,296		..	268 (f)	
Fuel (including coal, coke, gas, petrol and other oil fuel) and electricity used for all purposes	..	2,276		..	156	
Total amount paid for transport charges or for hired haulage		5,626		1,765	18,949 (g)	
Total amount paid for the hire of plant and machinery		1,492		5,184	334 (h)	
<b>Total</b>		<b>46,935</b>	<b>33,785</b>	<b>21,146</b>		

- (a) Particulars of materials and fuel purchased and used were not ascertained from small establishments in this trade in 1948.  
 (b) Great Britain only.  
 (c) United Kingdom.  
 (d) Includes payments made for transport.  
 (e) Described as "Hard Timber".  
 (f) Described as "Soft Timber".  
 (g) All other purchased and unclassified materials and fuel.  
 (h) Coal, coke, heavy fuel oil and electricity only.  
 (i) Not ascertained.

TABLE 14 - Stocks of finished products and work in progress and stocks of materials and fuel, 1948

Larger establishments in Great Britain

This table is not applicable to the trade.



## Employment and remuneration

## Larger establishments

TABLE 15

	Average number of operatives			Administrative, technical and clerical employees (a)			Total		
	1948(b)	1946(b)	1935(c)	1948(b)	1946(b)	1935(c)	1948(b)	1946(b)	1935(c)
Males									
Under 18	3,623	3,497	1,862	391	337	307	4,014	3,834	2,169
All ages	176,540	161,998	178,528	15,976	13,696	11,054	192,516	175,694	189,582
Females									
Under 18	6	56	17	284	281	59	290	337	76
All ages	638	864	517	2,473	2,329	953	3,111	3,193	1,470
Total									
Under 18	3,629	3,553	1,879	675	618	366	4,304	4,171	2,245
All ages	177,178	162,862	179,045	18,449	16,025	12,007	195,627(d)	178,887	191,052
Total remuneration	£'000	£'000	..	£'000	£'000	..	£'000	£'000	..
	49,305	39,460	..	7,528	5,633	..	56,833	45,093	..

(a) Number at September 25, 1948, October 26, 1946, and October 12, 1935.

(b) Great Britain only.

(c) United Kingdom.

(d) The employers' share of contributions to all National Insurance Schemes payable during the year in respect of these workers amounted to £1,793,000.

## Wages and salaries paid, 1948 (a)

## Larger establishments in Great Britain

TABLE 16

	Amount paid by all establishments	Establishments making returns for the year ended March, 1949					
		Amount paid	Percentage of annual remuneration paid in				
			First quarter	Second quarter	Third quarter	Fourth quarter	Year
Wages and salaries of	£'000	£'000					
Operatives	49,305	42,396	24.5	25.0	25.2	25.2	100.0
Administrative, technical and clerical employees	7,528	6,616	24.7	24.9	25.1	25.3	100.0
Total	56,833	49,012	24.6	25.0	25.2	25.2	100.0

(a) Including bonus and commission payments.

TABLE 17 - Payments for work done on materials given out, 1948: Larger establishments in Great Britain

TABLE 18 - Payments for certain services, 1948: Larger establishments in Great Britain

TABLE 19 - Plant, machinery and vehicles acquired and disposed of, 1948: Larger establishments in Great Britain

TABLE 20 - Capital expenditure on building work and changes in occupation of buildings and land, 1948: Larger establishments in Great Britain

These tables are not applicable to the trade.

Summary  
Larger establishments

TABLE 21

	England	Wales	Scotland	Great Britain
Gross output (production) (see Table 23(1))	£'000	£'000	£'000	£'000
	89,634	8,222	11,456	109,312
Cost of materials and fuel used (see Table 24)	37,793	3,536	5,606	46,935
Net output	51,840	4,686	5,851	62,377
Wages and salaries of persons employed	47,226	4,323	5,285	56,833
Average number of persons employed	No. 160,804	No. 15,570	No. 19,253	No. 195,627
Net output per person employed	£ 322	£ 301	£ 304	£ 319
Number of returns	No. 804	No. 72	No. 94	No. 970

Summary  
Small establishments

TABLE 22

	England	Wales	Scotland	Great Britain
Gross output (see Table 23(11))	£'000	£'000	£'000	£'000
	733	138	146	1,016
Average number of persons employed	No. 1,732	No. 270	No. 384	No. 2,386
Number of returns	314	56	68	438



Output in the trade  
Larger establishments (a)

TABLE 23(i)

	England and Wales	Scotland	Great Britain
	£'000	£'000	£'000
Building and civil engineering work done			
Work on new buildings			
Private residential premises			
Flats and tenements	1,179	893	2,072
Houses	9,476	839	10,315
Dwellings attached to business premises (other than department stores)	63	21	84
Factories and workshops (including electric power stations, gas works, petrol filling stations, repair garages, etc.)	116	2	118
Temporary houses	41	-	41
Permanent prefabricated houses	548	269	817
Schools and college buildings owned by Government, Local and other Public Authorities	539	5	544
Public buildings (buildings owned by Government, Local or other Public Authorities) except dwellings, schools, hospitals, offices and factories	77	-	77
Department stores and shops not combined with dwellings	49	2	51
Hotels	-	-	-
Public office buildings (excluding town halls)	50	-	50
Private office buildings	7	3	9
Hospitals, clinics, nursing homes, etc.	33	-	33
Warehouses and storage premises	67	-	67
Private and lock-up garages	16	-	17
Farm buildings, etc. (excluding dwellings)	8	-	8
Horticultural buildings (excluding dwellings) and greenhouses	13	-	13
Other new buildings	68	1	70
Total value of work on new buildings	12,350	2,036	14,386

TABLE 23(i) (contd.)

	England and Wales	Scotland	Great Britain
	£'000	£'000	£'000
Building and civil engineering work done (contd.)			
Work on buildings other than new construction			
Conversion and adaptation of dwellings	436(b)	23(b)	459
Repair and maintenance work of all kinds on existing buildings, (e.g., painting, decorating, plumbing, heating, lighting (natural and artificial), carpentry work)			
Private residential premises	13,973	772	14,745
Other premises	9,224	657	9,881
Electrical work (wiring, fitting, etc., not included above)	-	-	-
Total value of work on other than new buildings	23,633	1,452	25,085
Other work			
Demolition work, not included above	326	54	380
Housing site preparation	3,963	757	4,720
Construction, alteration, repair or maintenance of			
Highways (roads - including wood paving- bridges, footpaths, surface drains etc.)	48,662	6,288	54,950
Parks, promenades, gardens, cemeteries and open spaces (including recreation or sports grounds, tennis courts, bowling greens, etc.)	2,477	172	2,649
Sewers and sewage disposal works	4,414	508	4,923
Harbours, wharves, docks and piers	137	61	198
Canals and waterways	107	8	115
Sea walls and embankments	369	13	381
Waterworks, reservoirs, aqueducts, wells, mains, hydraulic works, etc.	102	23	125
Tramways, permanent way, etc.	337	32	369
Electric lines and works	6	-	6
Swimming pools	253	9	262
Work of construction, alteration, etc., for private consumers	2	-	2



TABLE 23(i) (contd.)

	England and Wales	Scotland	Great Britain
	£'000	£'000	£'000
Building and civil engineering work done (contd.)			
Other work (contd.)			
Construction, alteration, repair or maintenance of (contd.)			
Land drainage and reclamation works	56	-	56
Other	331	26	357
Total building and civil engineering work done	97,524	11,439	108,963
Other output			
Printing work	5	-	5
Repair and maintenance of			
Vehicles	99	-	99
Machinery and plant	80	-	80
Work on shop and office fitting	63	-	63
Other work	27	-	27
Goods made and sold by Local Authorities and not used in the work of building and civil engineering entered above			
Road making materials	14	9	23
Clothing	-	-	-
Other goods	44	9	52
Total	97,855	11,456	109,312

(a) For output of small establishments see Table 23(ii).

(b) The figure for England and Wales relates to the conversion of 718 dwellings into 1,813 dwellings, and that for Scotland to the conversion of 40 dwellings into 94 dwellings.

## Output in the trade

## Small establishments

TABLE 23(ii)

	England and Wales	Scotland	Great Britain
	£'000	£'000	£'000
Construction of new buildings			
Residential premises	7	-	7
Other new building construction	7	1	7
Repair and maintenance work to buildings (e.g., decorating, plumbing, heating, lighting, carpentry work)	401	47	448
All other work done, including civil engineering work	457	98	555
Goods made and sold and not used in the work entered above	-	-	-
Total	871	146	1,016

## Materials and fuel purchased and used and other charges

## Larger establishments (a)

TABLE 24

	England and Wales		Scotland		Great Britain	
	Quantity	Cost	Quantity	Cost	Quantity	Cost
	Million	£'000	Million	£'000	Million	£'000
Materials						
Bricks	200.0	1,182	29.3	154	229.3	1,336
Cement	Th. tons 298.5	1,135	Th. tons 31.6	139	Th. tons 330.1	1,274
Steel used for reinforcement	3.4 ..	105 51	0.8	15	4.2 ..	119 51
Other structural iron and steel (including steel, etc. piling)	4.2 ..	96 33	0.2 ..	6 11	4.4 ..	102 44
Timber not fabricated (including wood piling)	..	1,389	..	173	..	1,562
Electrical materials (wire, switches, etc.)	..	622	..	134	..	757
All other purchased materials	..	28,432	..	3,865	..	32,296
Fuel (including coal, coke, gas, petrol and other oil fuel) and electricity used for all purposes	..	2,009	..	267	..	2,276
Total amount paid for transport charges or for hired haulage		4,916		710		5,626
Total amount paid for the hire of plant and machinery		1,361		132		1,492
Total		41,329		5,606		46,935

(a) Particulars of materials and fuel purchased and used were not ascertained from small establishments in this trade in 1948.



## Employment and remuneration

## Larger establishments (a)

TABLE 25(i)

	England and Wales			Scotland			Great Britain		
	Average number of operatives	Administrative, technical and clerical employees (b)	Total	Average number of operatives	Administrative, technical and clerical employees (b)	Total	Average number of operatives	Administrative, technical and clerical employees (b)	Total
Males									
Under 18	3,135	374	3,509	488	17	505	3,623	391	4,014
All ages	158,945	14,727	173,672	17,595	1,249	18,844	176,540	15,976	192,516
Females									
Under 18	6	247	253	-	37	37	6	284	290
All ages	597	2,105	2,702	41	368	409	638	2,473	3,111
Total									
Under 18	3,141	621	3,762	488	54	542	3,629	675	4,304
All ages	159,542	16,832	176,374 (c)	17,636	1,617	19,253 (c)	177,178	18,449	195,627 (c)
Total remuneration	£'000	£'000	£'000	£'000	£'000	£'000	£'000	£'000	£'000
	44,623	6,926	51,548	4,682	603	5,285	49,305	7,528	56,833

(a) For employment in small establishments see Table 25(ii).

(b) Number at September 25, 1948.

(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 £1,793,000; £1,643,000 for England and Wales, and £150,000 for Scotland.

## Employment

## Small establishments

TABLE 25(ii)

	England and Wales	Scotland	Great Britain
Males			
Under 18	35	3	38
All ages	1,959	368	2,327
Females			
Under 18	9	2	11
All ages	43	16	59
Total			
Under 18	44	5	49
All ages	2,002	384	2,386

## Monthly index of employment of operatives: Larger establishments

(average employment in the year ended March, 1949 = 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			
April	99.3	105.2	99.4	November	100.3	98.8	100.2
May	99.4	102.8	99.5	December	99.7	97.9	99.7
June	99.3	102.0	99.4	1949			
July	99.0	101.6	99.1	January	100.6	98.1	100.5
August	99.6	98.6	99.6	February	100.9	99.0	100.8
September	100.0	97.7	99.9	March	101.7	100.6	101.6
October	100.3	97.5	100.2	Percentage employment in this trade covered by the index	92.3	25.1	85.6

(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 twelve months ended March, 1949.



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1952

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