



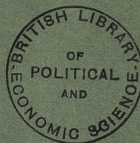
BOARD OF TRADE

FINAL REPORT
on the
CENSUS OF PRODUCTION
FOR 1948

Volume 1

Trade J

Cement



*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 Od. NET

List of Tables

| Table No. | Title | Page. |
|-----------|---|--------|
| 1 | Summary: Larger establishments | 1/J/2 |
| 2 | Summary, 1948: Small firms in Great Britain | 1/J/3 |
| 3 | Estimated average employment, 1948: All firms in Great Britain | 1/J/3 |
| 4 | Analysis by size, 1948: Larger establishments in Great Britain | 1/J/3 |
| 5 | Analysis by standard region, 1948: Larger establishments in Great Britain | 1/J/4 |
| 6 | Analysis according to specialisation within the trade, 1948: Larger establishments in Great Britain | * |
| 7 | Total make of intermediate products: Larger establishments | * |
| 8 | 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 | 1/J/5 |
| 9 | Sales (or production) of principal products of the trade by establishments classified to other trades: Larger establishments | 1/J/5 |
| 10 | Sales (or production) in the trade of other than principal products: Larger establishments | 1/J/5 |
| 11 | Analysis of sales, 1948: Larger establishments in Great Britain | 1/J/6 |
| 12 | Production, exports and imports of certain principal products: Larger establishments | 1/J/6 |
| 13 | Purchased materials and fuel: Larger establishments | 1/J/7 |
| 14 | Stocks of finished products and work in progress and stocks of materials and fuel, 1948: Larger establishments in Great Britain | 1/J/8 |
| 15 | Employment and remuneration: Larger establishments | 1/J/8 |
| 16 | Wages and salaries paid, 1948: Larger establishments in Great Britain | 1/J/9 |
| 17 | Payments for work done on materials given out, 1948: Larger establishments in Great Britain | 1/J/9 |
| 18 | Payments for certain services, 1948: Larger establishments in Great Britain | 1/J/9 |
| 19 | Plant, machinery and vehicles acquired and disposed of, 1948: Larger establishments in Great Britain | 1/J/10 |
| 20 | Capital expenditure on building work and changes in occupation of buildings and land, 1948: Larger establishments in Great Britain | 1/J/10 |

Country Tables

| Table No. | Title | Page |
|-------------|--|--------|
| 21 | Summary: Larger establishments | 1/J/11 |
| 22 | Summary: Small firms | 1/J/12 |
| 23 or 23(1) | Sales in the trade: Larger establishments | 1/J/12 |
| 23(11) | Sales in the trade: Small firms | * |
| 24 or 24(1) | Purchased materials and fuel: Larger establishments | 1/J/13 |
| 24(11) | Purchased materials and fuel: Small firms | * |
| 25 or 25(1) | Employment and remuneration: Larger establishments | 1/J/14 |
| 25(11) | Employment: Small firms | * |
| 26 | Monthly index of employment of operatives: Larger establishments | 1/J/14 |

* Not applicable to this trade

CEMENT TRADE

THIS REPORT on the Cement Trade relates to establishments engaged wholly or mainly in the manufacture of cement of all types other than refractory, gypseous and plaster type cements.

This trade corresponds to minimum list heading 24 in the Standard Industrial Classification.

The 1935 figures are not precisely comparable with those for later years as a number of firms, which for 1935 employed about 800 quarry workers, made separate returns in other trades for their associated quarries in that year but included them for 1937 and 1948 in combined returns in this trade.

Establishments in this trade in Northern Ireland (which are excluded in 1948) accounted in 1935 for about 1 per cent. of the net output for the United Kingdom.

CEMENT TRADE

Summary

Larger establishments

TABLE 1

| | 1948 (a) | 1937 (b) | 1935 (b) |
|--|------------------|-----------------|----------------|
| Gross output (production) | £'000 27,628 | £'000 11,707 | £'000 9,135 |
| Cost of materials and fuel used | 15,520 | 5,445 | 3,693 |
| Payment for work done on materials given out | - | - | - |
| Net output | 12,108 | 6,262 | 5,442 |
| Wages and salaries of persons employed | 3,947 | .. | .. |
| Average number of persons employed | No. 10,191(c) | No. 12,211 | No. 9,508 |
| Net output per person employed | £ 1,188 | £ 513 | £ 572 |
| Stocks at end of year | £'000 | £'000 | £'000 |
| Finished products and work in progress | 843 | .. | .. |
| Materials and fuel | 3,212 | .. | .. |
| Number of establishments | No. 44 | No. .. | No. 56 |

(a) Great Britain only.

(b) United Kingdom.

(c) For 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 |
|--|--------|--------|-------|
| Output of firms in this trade | £'000 | £'000 | £'000 |
| Total value of sales (1948) or production (1937 and 1935) | | | |
| Principal products (see Table 8) | 27,566 | 11,263 | 8,753 |
| Other output (see Table 10) | 834 | 444 | 382 |
| Adjustment for changes in stocks and work in progress (see Table 14) | - 49 | .. | .. |
| | 28,350 | 11,707 | 9,135 |
| Less payment for transport by other firms | 721 | | |
| Gross output (production) | 27,628 | 11,707 | 9,135 |
| Materials and fuel used by firms in this trade | | | |
| Purchases (see Table 13) | 16,153 | 5,445 | 3,693 |
| Adjustment for changes in stocks (see Table 14) | - 633 | | |
| Materials and fuel used | 15,520 | 5,445 | 3,693 |

Summary, 1948

Small firms in Great Britain

TABLE 2

| | |
|--|----|
| Number of returns | 10 |
| Average number of persons employed (a) | |
| Males | 36 |
| Females | 6 |
| Total | 42 |

() 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) | 10,191 |
| Employing on average ten persons or less (b) | 42 |
| | 10,233 |
| Estimated average employment in firms not making satisfactory returns | - |
| Average employment in all firms | 10,233 |

(a) See Tables 1 and 15.

(b) See Table 2.

Analysis by size, 1948

Larger establishments in Great Britain

b 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 | £ |
| 11-99 | 11 | 2,217 | 708 | 778 | 220 | 61 | 280 | 907 |
| 100-199 | 13 | 5,029 | 2,191 | 1,809 | 520 | 161 | 681 | 1,211 |
| 200 and over | 20 | 20,383 | 9,211 | 7,604 | 2,300 | 686 | 2,986 | 1,211 |
| Total | 44 | 27,628 | 12,108 | 10,191 | 3,040 | 907 | 3,947 | 1,188 |

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 and Wales | | | | | | | | |
| East and West Ridings of Yorkshire; North Midland; and Midland | 9 | 5,355 | 2,234 | 18.4 | 1,898 | 505 | 172 | 677 |
| Eastern | 11 | 6,599 | 2,906 | 24.0 | 2,426 | 757 | 258 | 1,015 |
| London and South Eastern; Southern; North Western; and Wales | 20 | 14,826 | 6,759 | 55.8 | 5,612 | 1,701 | 460 | 2,161 |
| Total England and Wales | 40 | 26,781 | 11,899 | 98.3 | 9,936 | 2,963 | 890 | 3,853 |
| Scotland | 4 | 847 | 210 | 1.7 | 255 | 77 | 18 | 94 |
| Great Britain | 44 | 27,628 | 12,108 | 100.0 | 10,191 | 3,040 | 907 | 3,947 |

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.

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 |
| | Th. tons | £'000 | No. | Th. tons | £'000 | Th. tons | £'000 |
| Aluminous cement | 55 | 588 | .. | | | | |
| Calcareous cement, ground, for building and engineering purposes | | | | | | | |
| Ordinary Portland, including rapid hardening | | | | 7,527 | 11,224 | 5,936 | 8,697 |
| In bags or other containers | 8,105 | 25,772 | 19 | | | | |
| In bulk | 229 | 609 | 12 | | | | |
| Other ground calcareous cements | 145 | 922 | 8 | | | | |
| Other cements (including cement clinker), except refractory, gypseous and plaster type cements | 195 | 723 | 5 | 55 | 39(c) | 83 | 59(c) |
| Work done for the trade or on commission | | - | - | | - | | - |
| Total | | 28,614 | .. | | 11,263 | | 8,756 |
| Less sales (or production) in other trades | | 1,049 | .. | | - | | 3 |
| Total principal products of this trade sold or made by establishments in the trade | | 27,566 | 19 | | 11,263 | | 8,753 |

- (a) Great Britain only.
 (b) United Kingdom.
 (c) So far as recorded separately.

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

Establishments classified to other trades recorded sales (or production) valued at £1,049,000 (255,000 tons) in 1948 and £3,000 in 1935; no production was recorded for 1937. The sales in 1948 covered each class of cement shown in Table 8 except aluminous cement and ordinary Portland cement in bulk; owing to the risk of disclosure of information relating to individual firms no further particulars can be given.

TABLE 10 - Sales (or production) in the trade of other than principal products: Larger establishments

The total values of the sales in 1948 and of production in 1937 and 1935 of other than principal products amounted to £834,000, £444,000 and £382,000, respectively.

Analysis of sales, 1948

Larger establishments in Great Britain

TABLE 11

| | Sales | Percentage of total sales |
|---|----------|---------------------------|
| Sales (or transfers) to other organisations under the same control | £'000 | |
| Productive works | 147 | 0.5 |
| Export sales organisations (including branches abroad) | - | - |
| Other wholesale or selling organisations and retail shops, etc. | 20,696 | 72.9 |
| Total sales (or transfers) to other organisations under the same control | 20,842 | 73.4 |
| Sales to independent buyers | | |
| Exports invoiced directly overseas and to Crown agents and purchasing houses in this country of individual firms and governments abroad | 1,376 | 4.9 |
| His Majesty's Government and Local Authorities (other than productive establishments) | 89 | 0.3 |
| Manufacturers, repairers, builders, mines, public utilities, and transport and other productive undertakings | 1,341 | 4.7 |
| Wholesalers, merchants and other agents for resale | 4,642(a) | 16.3 |
| Retailers, including multiple shops, caterers and N.A.A.F.I., for resale | - | - |
| Other businesses (including farmers) and institutions of all kinds | 106 | 0.4 |
| Members of the public, including employees | 2 | - |
| Total sales to independent buyers | 7,557 | 26.6 |
| Total | 28,399 | 100.0 |

(a) Of this total £4,230,000 was recorded as divided between £1,275,000 for export and £2,955,000 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 |
| Aluminous cement | 1948 | 55 | 5 | .. |
| Calcereous cement, ground, for building and engineering purposes | 1948 | 8,478 | 1,551 | 61 |
| | 1937 | 7,527 | 705(d) | 168(d) |

(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) Including cement clinker.

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 |
| Materials | Th. tons | £'000 | Th. tons | £'000 | Th. tons | £'000 |
| Chalk | 1,462 | 273 | 2,048 | 135 | .. | 1,737(c) |
| Limestone | 708 | 232 | 753 | 95 | | |
| Packing materials | .. | 3,593 | .. | 973 | | |
| Clay | 233 | 44 | .. | 1,346 | | |
| Cement clinker, unground | 131 | 385 | | | | |
| Gypsum and anhydrite | 407 | 692 | .. | .. | .. | .. |
| All other purchased materials | .. | 2,498 | .. | .. | .. | .. |
| Fuel and electricity | | | | | | |
| Coal | 2,363.8. | 6,306 | 2,236.4 | 2,031 | 1,937.4 | 1,364 |
| Coke | 32.7 | 99 | .. | (d) | 17.9 | 21 |
| Electricity purchased and electricity obtained from other works under the same ownership (e) | Th. B. T. U. (kW. hrs.) 623,851 | 1,976 | Th. B. T. U. (kW. hrs.) 590,593 | 822 | Th. B. T. U. (kW. hrs.) 407,322 | 563 |
| Motor spirit (petrol) and derv. fuel | Th. galls. | | | | Th. galls. | |
| Used for road vehicles | 199 | 17 | .. | (d) | .. | (d) |
| Used for other power purposes | 757 | 35 | .. | (d) | 413 | 8(f) |
| Other oil fuel (including creosote/pitch mixtures) | | | | | | |
| Gas purchased | Th. therms | | | | | |
| From public supply | 25 | 2 | .. | 43 | .. | (d) |
| From other sources | - | - | | | | |
| Gas obtained from other works under the same ownership | - | - | .. | .. | .. | .. |
| All other purchased fuel | .. | 2 | .. | .. | .. | .. |
| Total | | 16,153 | | 5,445 | | 3,693 |

(a) Great Britain only.

(b) United Kingdom.

(c) Including fuel not specified separately.

(d) Not recorded separately.

(e) The total quantity of electricity consumed in 1948 was 725,759,000 B. T. units including 101,908,000 generated in the same works.

(f) 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. tons | £'000 | Th. tons | £'000 |
| Finished products | 230 | 383 | 199 | 351 |
| Work in progress | .. | 31 | .. | 42 |
| Total finished products and work in progress | | 479 | | 450 |
| Materials and fuel | | 893 | | 843 |
| Chalk, limestone and clay | 110 | 50 | 123 | 58 |
| Coal | 197.2 | 498 | 184.1 | 457 |
| Other descriptions of materials and fuel | .. | 2,032 | .. | 2,697 |
| Total materials and fuel | | 2,580 | | 3,212 |

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 | 142 | 480 | 282 | 29 | 162 | 100 | 171 | 642 | 382 |
| All ages | 8,326 | 10,054 | 7,592 | 1,366 | 1,711 | 1,516 | 9,692 | 11,765 | 9,108 |
| Females | | | | | | | | | |
| Under 18 | 8 | 3 | 3 | 56 | 58 | 22 | 64 | 61 | 25 |
| All ages | 195 | 42 | 48 | 304 | 404 | 352 | 499 | 446 | 400 |
| Total | | | | | | | | | |
| Under 18 | 150 | 483 | 285 | 85 | 220 | 122 | 235 | 703 | 407 |
| All ages | 8,521 | 10,096 | 7,640 | 1,670 (e) | 2,115 | 1,868 | 10,191 (e) (f) (g) | 12,211 | 9,508 |
| Total remuneration | £'000 | .. | .. | £'000 | .. | .. | £'000 | .. | .. |
| | 3,040 | | | 907 | | | 3,947 | | |

(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 28 males 128 females
Other workers 222 males 19 females

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

(c) Great Britain only.

(d) United Kingdom.

(e) No working proprietors were recorded for 1948.

(f) The employers' share of contributions to all National Insurance Schemes payable during the year in respect of these workers amounted to £83,000.

(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 | * | |
| Maintenance and repair of firms' buildings, but not plant | 3 | |
| Research work not directly connected with current production however charged | - | - |

* Owing to the risk of disclosure of information relating to individual firms this figure cannot be given.

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 | 3,040 | 2,861 | 22.9 | 24.3 | 26.4 | 26.5 | 100.0 | | |
| Administrative, technical and clerical employees | 907 | 835 | 24.5 | 24.7 | 25.9 | 24.9 | 100.0 | | |
| Total | 3,947 | 3,696 | 23.2 | 24.4 | 26.3 | 26.1 | 100.0 | | |

(a) Including bonus and commission payments.

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

No payments were recorded for work done on materials given out.

Payments for certain services, 1948
Larger establishments in Great Britain

TABLE 18

| | Amount paid |
|--|-------------|
| | £'000 |
| Repairs and maintenance | |
| Of buildings | 13 |
| Of plant, machinery and vehicles | 47 |
| Unclassified | 122 |
| Hire of plant, machinery and vehicles | 35 |
| Advertising and market research | |
| Advertising in newspapers, magazines and periodicals | 6 |
| Other advertising services (poster display, despatch of circulars, etc.) and market research | 6 |
| Unclassified | 10 |
| Payments made for research work | |
| To research associations | 18 |
| To universities, institutions, academic bodies and similar agencies | - |
| To other commercial concerns | 8 |
| Postage, telephone, telegrams and cables | 30 |
| Commercial insurance premiums | 39 |
| Rates (excluding water rates) payable in the year | 77 |

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 | 913 | 98 | 69 |
| Vehicles | 81 | 29 | 12 |
| Total | 994 | 127 | 81 |

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) | | 231 |
| 2. Existing buildings and land (b) | | |
| (1) Capital cost of freeholds bought | 49 | |
| Estimated capital value of | | |
| (11) Rented property newly occupied in the year (c) | 2 | |
| (111) Leasehold buildings and land newly occupied in the year | - | |
| Total of heading 2 | | 51 |
| Total of headings 1 and 2 | | 282 |
| 3. Existing buildings and land relinquished (d) | | |
| (1) Selling value of freeholds sold | 3 | |
| (11) Estimated value of other properties relinquished | - | |
| Total of heading 3 | | 3 |
| 4. Headings 1 and 2 less heading 3 | | 279 |

- (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 and Wales (a) | Scotland | Great Britain |
|--|-----------------------|----------|---------------|
| | £'000 | £'000 | £'000 |
| Gross output (production) | 26,781 | 847 | 27,628 |
| Cost of materials and fuel used | 14,882 | 638 | 15,520 |
| Payment for work done on materials given out | - | - | - |
| Net output | 11,899 | 210 | 12,108 |
| Wages and salaries of persons employed | 3,853 | 94 | 3,947 |
| Average number of persons employed | No. 9,936 | No. 255 | No. 10,191 |
| Net output per person employed | £ 1,198 | £ 822 | £ 1,188 |
| Stocks at end of year | £'000 | £'000 | £'000 |
| Finished products and work in progress | 815 | 28 | 843 |
| Materials and fuel | 3,084 | 129 | 3,212 |
| Number of establishments | No. 40 | No. 4 | No. 44 |

(a) Owing to the risk of disclosure of information relating to individual firms separate particulars for England and for Wales cannot be given.

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

| | England and Wales | Scotland | Great Britain |
|---|-------------------|----------|---------------|
| | £'000 | £'000 | £'000 |
| Output of firms in this trade | | | |
| Total value of sales (see Table 23) | 27,515 | 884 | 28,399 |
| Adjustment for changes in stocks and work in progress | - 50 | + 1 | - 49 |
| Less payment for transport by other firms | 684 | 37 | 721 |
| Gross output (production) | 26,781 | 847 | 27,628 |
| Materials and fuel used by firms in this trade | | | |
| Purchases (see Table 24) | 15,485 | 667 | 16,152 |
| Adjustment for changes in stocks | - 603 | - 30 | - 633 |
| Materials and fuel used | 14,882 | 638 | 15,520 |

TREATMENT OF NON-METALLIFEROUS MINING PRODUCTS
OTHER THAN COAL COUNTRY TABLES

Summary

Small firms

TABLE 22

| | England | Wales and Scotland | Great Britain |
|--|---------|-----------------------|------------------|
| Number of returns | 8 | 2 | 10 |
| Average number of persons employed (a) | | | |
| Males | 27 | 9 | 36 |
| Females | 6 | - | 6 |
| Total | 33 | 9 | 42 |

(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. tons | £'000 | Th. tons | £'000 | Th. tons | £'000 |
| Principal products | | | | | | |
| Aluminous cement | 55 | 588 | - | - | 55 | 588 |
| Ordinary Portland cement (including rapid hardening), ground, in bulk | .. | (a) | .. | (a) | 229 | 609 |
| All other cements (including cement clinker), except refractory, gypseous and plaster type cements | .. | (a) | .. | (a) | 8,190 | 26,369 |
| Work done for the trade or on commission | | - | | - | | - |
| Total principal products | | (a) | | (a) | | 27,566 |
| Other output | .. | (a) | .. | (a) | .. | 834 |
| Total | | 27,515 | | 884 | | 28,399 |

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

Purchased materials and fuel

Larger establishments

TABLE 24

| | England and Wales | | Scotland | | Great Britain | |
|---|----------------------------|--------|----------------------------|-------|----------------------------|--------|
| | Quantity | Cost | Quantity | Cost | Quantity | Cost |
| | Th. tons | £'000 | Th. tons | £'000 | Th. tons | £'000 |
| Materials | | | | | | |
| Chalk | 1,462 | 273 | - | - | 1,462 | 273 |
| Limestone | .. | (a) | .. | (a) | 708 | 232 |
| Packing materials | .. | 3,511 | .. | 81 | .. | 3,593 |
| Clay | 233 | 44 | - | - | 233 | 44 |
| Cement clinker, unground | .. | (a) | .. | (a) | 131 | 385 |
| Gypsum and anhydrite | 399 | 677 | 7 | 15 | 407 | 692 |
| All other purchased materials | .. | 2,435 | .. | 63 | .. | 2,498 |
| Fuel and electricity | | | | | | |
| Coal | 2,335.8 | 6,241 | 27.9 | 65 | 2,363.8 | 6,306 |
| Coke | 32.7 | 99 | - | - | 32.7 | 99 |
| Electricity purchased and electricity obtained from other works under the same ownership (b) | Th. B. T. U. (kW. hrs.) | | Th. B. T. U. (kW. hrs.) | | Th. B. T. U. (kW. hrs.) | |
| | 607,135 | 1,917 | 16,716 | 59 | 623,851 | 1,976 |
| Motor spirit (petrol) and derv. fuel | Th. galls. | | | | Th. galls. | |
| Used for road vehicles | 199 | 17 | - | - | 199 | 17 |
| Used for other power purposes | | | | | | |
| Other oil fuel (including creosote/pitch mixtures) | 757 | 35 | - | - | 757 | 35 |
| Gas purchased | Th. therms | | Th. therms | | Th. therms | |
| From public supply | 22 | 1 | 3 | - | 25 | 2 |
| From other sources | - | - | - | - | - | - |
| Gas obtained from other works under the same ownership | - | - | - | - | - | - |
| All other purchased fuel | .. | 2 | - | - | .. | 2 |
| Total | | 15,485 | | 667 | | 16,153 |

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

(b) The total quantity of electricity consumed in England and Wales was 709,044,000 B. T. units, including 101,908,000 generated in the same works. No electricity generated in the same works was recorded for Scotland.

TREATMENT OF NON-METALLIFEROUS MINING PRODUCTS
OTHER THAN COAL COUNTRY TABLES

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 | 140 | 24 | 164 | 2 | 5 | 7 | 142 | 29 | 171 |
| All ages | 8,145 | 1,335 | 9,480 | 181 | 31 | 212 | 8,326 | 1,366 | 9,692 |
| Females | | | | | | | | | |
| Under 18 | 2 | 54 | 56 | 6 | 2 | 8 | 8 | 56 | 64 |
| All ages | 161 | 295 | 456 | 34 | 9 | 43 | 195 | 304 | 499 |
| Total | | | | | | | | | |
| Under 18 | 142 | 78 | 220 | 8 | 7 | 15 | 150 | 85 | 235 |
| All ages | 8,306 | 1,630 (b) | 9,936 (b) (c) | 215 | 40 (b) | 255 (b) (c) | 8,521 | 1,670 (b) | 10,191 (b) (c) |
| Total remuneration | £'000 | £'000 | £'000 | £'000 | £'000 | £'000 | £'000 | £'000 | £'000 |
| | 2,963 | 890 | 3,853 | 77 | 18 | 94 | 3,040 | 907 | 3,947 |

(a) Number at September 25, 1948.

(b) No working proprietors were recorded for 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 £83,000; £81,000 for England and Wales, and £2,000 for Scotland.

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 | 96.7 | 100.5 | 96.8 | August | 101.3 | 101.9 | 101.3 |
| February | 97.1 | 103.3 | 97.3 | September | 102.5 | 96.8 | 102.3 |
| March | 98.1 | 103.3 | 98.2 | October | 102.6 | 97.7 | 102.5 |
| April | 98.8 | 102.8 | 98.9 | November | 102.0 | 96.8 | 101.9 |
| May | 98.6 | 102.8 | 98.7 | December | 103.1 | 99.1 | 103.0 |
| June | 99.3 | 102.8 | 99.4 | Percentage employment in this trade covered by the index | 93.8 | 100.0 | 93.9 |
| July | 100.0 | 92.2 | 99.7 | | | | |

(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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