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BOARD OF TRADE

*The Report on the
Censuses of Production
for 1952 and 1953*

VOLUME 1



Treatment of Non-Metalliferous Mining Products except Coal ;
Chemicals and Allied Trades ; Metal Manufacture

*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

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TWO SHILLINGS NET

*The Report on the Censuses of Production
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TREATMENT OF NON-METALLIFEROUS MINING PRODUCTS EXCEPT
COAL: CHEMICALS AND ALLIED TRADES: METAL MANUFACTURE

GENERAL NOTES

1. The figures in the tables relate to the United Kingdom of Great Britain and Northern Ireland unless otherwise stated.
2. Sampling methods were employed in the censuses for Great Britain (but not Northern Ireland) for 1952 and 1953. The use of sampling methods inevitably means that precise figures cannot be obtained, and that a margin of uncertainty attaches to most of the figures published for individual industries.
3. The figures in this report cannot be regarded as accurate to the last digit shown, though for convenience of presentation most of the values are given to the nearest £ thousand. As the figures have been rounded to the nearest final digit, there may be in some tables apparent slight discrepancies between the sums of the constituent items and the totals shown.
4. The following symbols are used throughout the reports:-
 - .. for not available
 - for nil or negligible (less than half the final digit shown)
5. In interpreting the data in the following tables it is essential to bear in mind not only the qualifications mentioned in this volume, but also the general explanations and qualifications contained in the separate booklet published in this series entitled 'The Report on the Censuses of Production for 1952 and 1953: Introductory Notes', price 1s.6d. net.

VOLUME 1

*Treatment of Non-Metalliferous Mining Products except Coal;
Chemicals and Allied Trades; Metal Manufacture*

List of Contents

Output, materials, stocks, average employment, capital expenditure, etc., in larger establishments, and average employment in small firms for Standard Industrial Classification Orders III, IV and V and certain trades in those Orders Pages 4 to 13

Table	Order or Trade	Standard Industrial Classification minimum list heading	Activities in which establishments in the Order or trade were wholly or mainly engaged	Page
A	Order III	20 to 29 inc.	Treatment of non-metalliferous mining products other than coal ...	4
B	Brick and Fireclay	20 and 29(3) (part)	The manufacture of building bricks, clay flooring and roofing tiles, fireclay sanitary ware and other similar clay products, bath bricks, hearthstones, ground or flaked graphite and refractory goods such as ganister, magnesite and silica bricks, crucibles, gas retorts and kiln linings. Quarries producing brickearth, clay, etc., which were owned by firms manufacturing brick and fireclay products were, in the main, returned in the Brick and Fireclay Trade. Some firms, however, made separate returns for their different undertakings. The proportion of undertakings making separate returns differed in each year, figures for the five years are, therefore, not precisely comparable	4
C	Glass (other than containers)	22	The manufacture of all types of sheet glass (including wired and other 'safety' glass), glass rods, glass tubing, domestic glassware, mirrors, leaded lights, lamp glasses and lamp bulbs, scientific and surgical glassware; glass cutting, decorating, engraving, polishing, staining, etc., and all other glass products other than containers. The manufacture of optical glass is included but the grinding of lenses is excluded	5
D	Building Materials (except roofing felts but including lime and whitening)	29(2) and 29(3) (part)	The treatment of stone (including the manufacture of monumental masonry) and the manufacture of slate goods (except slates for roofing and damp courses), prefabricated concrete products, artificial paving stone, asbestos cement goods, lime, plaster of paris, etc. Two Government establishments were included for 1950 and 1949, and one for 1951 and 1952; no production by Government establishments was recorded for 1953. Firms that treated stone obtained from their own quarries are included in the figures for the Treatment of Non-Metalliferous Mining Products Other Than Coal Table-A.	

Table	Order or Trade	Standard Industrial Classification minimum list heading	Activities in which establishments in the Order or trade were wholly or mainly engaged	Page
D	Building Materials (contd.)	29(2) and 29(3) (part)	<p>Manufacturers of asphalt who were using the whole or the greater part of their production in their own contracting work are classified to the Building and Contracting Trade</p> <p>Information on the following trades in Order III is not separately published for 1952 and 1953:</p> <p style="padding-left: 20px;">China and Earthenware Glass Containers Cement Abrasives Roofing Felts Manufactured Fuel</p>	5
E	Order IV	29 to 39 inc.	Chemicals and allied trades	6
F	Chemicals (General)	29(3) (part) and 31(4) (part)	<p>The manufacture of acids, alkalis, salts, industrial gases and miscellaneous chemicals, ceramic glazes and frits Cellulose acetate production at establishments of textile firms is not included.</p> <p>Establishments engaged wholly or mainly in the manufacture of plastics materials are covered by the Plastics Materials Trade - K. The figures given in reports prior to 1951 on the Chemicals (General) Trade, which included particulars for establishments manufacturing plastics materials, have accordingly been adjusted in this report to exclude these establishments.</p> <p>The trade does not cover establishments engaged wholly or mainly in the manufacture of coal tar products; dyes and dyestuffs; fertilizers, disinfectants, insecticides, etc.; drugs and pharmaceutical preparations; and explosives and fireworks</p>	6
G	Drugs and Pharmaceutical Preparations	31(4) (part) and 32(1)	<p>The manufacture of drugs, pharmaceutical chemicals, patent medicines, pills, plasters, ointments, embrocations, health salts, medicated wines, malt extracts and similar products.</p> <p>For the 1950 census this trade in Great Britain was divided into three parts. (a) Establishments engaged wholly or mainly in the manufacture of pharmaceutical preparations and also engaged in merchandising or retailing made returns in the census of distribution only. (b) Establishments engaged in these activities but which sold no merchanted goods nor undertook retailing were only asked to give the limited information required from firms in 'overlap' trades in the 1950 census of production. (c) Establishments engaged wholly or mainly in the manufacture of drugs and pharmaceutical chemicals gave the full particulars required for the 1950 census of production.</p> <p>A number of establishments included in part (c) were found, on examination of their returns for 1951, to have been incorrectly classified for 1950, owing to the absence of detailed information about their sales for that year.</p> <p>The figures shown for 1953, 1952 and 1951 cover only Great Britain, those for 1949 relate to the United Kingdom</p>	7
H	Paint and Varnish	34	The manufacture of paint, varnish, enamel, distemper, wood stain, artists' colours, etc., (but not pigments)	7
I	Soap, Candles and Glycerine	35(1)	The manufacture of soaps, soap powder, soap flakes, shaving soap or cream, soap substitutes, soapless detergents, fatty alcohols (from sperm oil), stearine, glycerine, candles, nightlights and tapers; fat splitting and distillation	8
J	Mineral Oil Refining	36	The refining and distillation of petroleum and shale oil, the hydrogeneration of creosote and mineral oils, and the production of medicinal paraffin, paraffin wax, petroleum jelly etc.	

Table	Order or Trade	Standard Industrial Classification minimum list heading	Activities in which establishments in the Order or trade were wholly or mainly engaged	Page
J	Mineral Oil Refining (contd.)	36	The figures have been compiled from returns made to the Ministry of Fuel and Power. Sales are generally valued at open market prices f.o.b. in the Gulf of Mexico plus current rates of freight and insurance to the United Kingdom and, purchases of feedstock are valued at open market price f.o.b. at the port of origin plus current rates of freight and insurance to the United Kingdom. The size of the net output is largely determined by these methods of valuation ...	8
K	Plastics Materials	31(3)	The manufacture of synthetic resins and plastics materials in the form of powder, sheets, rods or tubes. Establishments engaged in the manufacture of plastics materials for synthetic textiles are excluded from this trade, and included in the Rayon, Nylon, etc. and Silk Trade (Volume 3, Table E)	9
			<p>Information on the following trades in Order IV is not separately published for 1952 and 1953:</p> <p style="padding-left: 20px;">Coke Ovens and By-products Dyes and Dyestuffs Fertiliser, Disinfectant, Insecticide, and Allied Trades Coal Tar Products Toilet Preparations and Perfumery Explosives and Fireworks Polishes Ink Match Oils and Greases Seed Crushing and Oil Refining Glue, Gum, Paste, and Allied Trades</p>	
L	Order V	40 to 49 inc.	Metal manufacture	10
M	Blast Furnaces	40	Iron smelting and the manufacture of pig iron, ferro-manganese and spiegeleisen	10
N	Iron and Steel (Melting and Rolling)	41	The production of ferro-alloys not made in blast furnaces; of refined pig-iron; of puddled and wrought iron; and of steel ingots, steel castings and rolled steel products; and of material for conversion into tubes, sheets and tinplate but not the production of tubes, sheets and tinplate in their final form	11
O	Iron Foundries	42	The manufacture of cast iron goods of all descriptions	11
P	Steel Sheets	43(1)	The rolling from the bar or slab of steel sheets and the production of coated sheets including galvanized sheets (flat or corrugated). The rolling from the bar or slab of tin, terne and blackplate, tinned sheets and terne sheets is excluded and included in the Tinplate Trade-Q	12
Q	Tinplate	43(2)	The rolling from the bar or slab of tin, terne, and blackplate and the production of tinned sheets and terne sheets	12
R	Wrought Iron and Steel Tubes	44	The manufacture of tubes (including fittings) for boilers, cycles, bedsteads, etc. metal conduits, gas cylinders and pressure vessels. Melting and rolling in integrated works and the manufacture of flexible tubes are included	13
S	Non-Ferrous Metals (Smelting Rolling etc.)	49	The manufacture of non-ferrous metals (other than precious metals) from the preliminary stage. Establishments mainly producing goods advanced beyond the semi-finished stage are not included but are dealt with in the reports on other trades e.g. Brass Manufactures; Wire; Hardware, Hollow-ware, etc.	13
			There are no trades in Order V for which information is not separately published for 1952 and 1953.	

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