

BOARD OF TRADE

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*The Report on the
Census of Production
for 1954*

Volume 8: Industry E

PRESERVED MEAT

*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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The Report on the Census of Production for 1954

VOLUME 8 INDUSTRY E

PRESERVED MEAT

THIS REPORT on the Preserved Meat Industry relates to establishments engaged wholly or mainly in manufacturing meat extracts and essences and canning and preserving meat.

This industry corresponds to minimum list heading 153(3) in the Standard Industrial Classification.

There were no larger establishments in Northern Ireland in the register for this industry in 1954.

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IMPORTANT NOTES and definitions appear on the next page. In interpreting the data in the tables, it is essential to bear these in mind.

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The following notes describe terms in general use in the tables of the report. More detailed explanations of the terms used and a description of the scope and method of taking the census are given in the separate booklet entitled 'The Report on the Census of Production for 1954 - Introductory Notes' (price 1s. 6d. net).

Industrial Classification: Establishments are classified to industries according to the nature of their output and, as far as possible, in conformity with the Standard Industrial Classification. Certain products are identified as the principal products of individual industries, the principal products for a given industry being of a similar nature or commonly associated in production. The principle of classification normally followed is that an establishment is classified to an industry if its output of the principal products of that industry accounted for a greater proportion of the value of its output than did its output of the principal products of any other industry.

Specialist producers normally comprise those establishments 50 per cent. or more of whose total output by value is accounted for by the characteristic products of the specialist group.

Intermediate products: For some industries figures are given showing the total quantities made during the year of intermediate products, i.e., products which may be further processed in the establishments in which they are produced.

Larger establishments: The information given in the report relates mainly to larger establishments, i.e., establishments of firms employing on the average more than 10 persons. In most cases an establishment comprises the whole of the premises under the same ownership or management at a particular address (e.g., a mine or factory). Offices, warehouses, laboratories and other ancillary places of business situated apart from the producing works are not regarded as separate establishments and are included in the return for the works.

Small firms are those employing on the average 10 or fewer persons.

The estimates for the industry as a whole given in Table 1 are normally obtained by increasing the other items shown in the same proportion as total employment.

Gross output (production) is the total value of goods made and other work done during the year; it is obtained by adjusting the value of sales and work done during the year for changes in the value of stocks of products on hand for sale and work in progress.

Net output is the amount left after deducting from the value of gross output the aggregate of the cost of materials and fuel used, the amount paid for work given out, and, for 1951 and 1954, any transport payments made. 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.

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. The value of sales is the net selling value, i.e., 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.

Materials and fuel: The total cost of materials and fuel purchased includes all purchases during the year of materials for use in production, and of fuel (includ-

ing oil, gas and electricity) for all purposes: packing materials, including the full cost of returnable cases when first purchased; workshop and office materials; water charges; materials for repairs to buildings, plant and vehicles when carried out by firms' own work-people included in their returns; consumable tools; and parts for machinery purchased as replacements. Purchases of goods for merchanting are excluded. The cost of materials and fuel used, given in Table 2, is obtained by adjusting purchases for changes during the year in the value of stocks.

Stocks: Firms were required to give stocks of materials and fuel, products on hand for sale, and work in progress, at income tax values.

Customs and Excise Duty paid on materials purchased is normally included in the cost of materials. Finished goods are similarly valued as they were sold, duty-paid or duty-free. The net amount of any duty paid is deducted in arriving at net output.

Employment: Total employment includes working proprietors, administrative, technical and clerical employees, and operatives, but excludes outworkers, canteen employees and persons engaged in merchanting or any other activity not covered by a firm's return, who are shown separately as excluded employees. Employees are persons on the pay-roll (i.e., persons whose National Insurance cards were held by employers), whether employed full-time or part-time.

Working proprietors are proprietors of businesses other than limited companies, together with members of their families who worked in the business without receiving fixed wages or salaries. Any persons working less than half the normal hours are excluded. For Northern Ireland directors of limited companies (other than those paid by fee only) are also included.

Administrative, technical and clerical employees include directors, other than those paid by fee only (except in Northern Ireland); managers, superintendents and works foremen; research, experimental, development, technical and design employees (other than operatives); draughtsmen and tracers; travellers; and office (including works office) employees.

Operatives include all other classes of employees, i.e., broadly speaking, all manual workers.

Outworkers are persons employed by the firm who work on materials supplied by the firm in their own homes.

Wages and salaries include all overtime payments, bonuses and commissions without any deductions for income tax insurances, contributory pensions etc. They exclude payments to working proprietors.

Capital expenditure includes expenditure on new building work, and on plant, machinery and vehicles, charged to capital account during the year, including any transport and installation costs involved. It includes expenditure in respect of establishments in Great Britain which had not begun production before the end of the year (which has not previously been included in the Census of Production reports for individual industries).

Symbols used:

.. for not available

- for nil or negligible (less than half the final digit shown).

Where figures are rounded, e.g., given to the nearest £ thousand, there may be apparent slight discrepancies between the sums of constituent items and the totals shown. In some cases, figures have been combined with others of a similar nature where publication of separate details might disclose information relating to an individual undertaking.

TABLE 1 Industry summary: Estimates for the industry as a whole

	United Kingdom			Scotland 1954 (a)	Wales 1954
	1948	1951	1954		
Gross output (production)	£ million	£ million	£ million	£ million	£ million
Net output	8.0	13.3	11.1	..	-
Total stocks and work in progress	2.8	4.6	3.5	..	-
At beginning of year	3.5	3.7	3.6	..	-
Change during year	+ 0.3	+ 0.1	+ 0.4	..	-
Capital expenditure less disposals (b)	0.1	0.2	0.3	..	-
Wages and salaries	1.1	1.7	1.6	..	-
Total employment (including working proprietors)	Thousands	Thousands	Thousands	Thousands	Thousands
	3.8	5.8	4.5	..	-

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

(b) Capital expenditure on new building work, plant, machinery and vehicles (including (except in 1948) that incurred in Great Britain for establishments not yet in production), less amounts received for plant, machinery and vehicles disposed of.

TABLE 2 Summary of returns received

	Unit	Great Britain 1948	United Kingdom	
			1951	1954
FIRMS EMPLOYING ON AVERAGE MORE THAN 10 PERSONS				
Number of establishments	No.	11	24	22
Total value of sales and work done	£'000	6,085	13,067	10,879
Products on hand for sale	"	540	594	693
and work in progress	"	+ 105	+ 143	+ 33
Gross output (production) (a)	"	6,127	13,209	10,913
Purchases of materials and fuel	"	4,113	8,362	7,583
Stocks of materials and fuel	"	2,169	3,124	2,865
change during year	"	+ 102	- 91	+ 334
Cost of materials and fuel used	"	4,012	8,453	7,249
Payment for work done on materials given out	"	-	-	-
Payment for transport (c)	"	62	223	242 (b)
Net output	"	2,116	4,533	3,422
Average number of employees	No.	2,131	4,585	3,501
operatives	"	775 (d)	1,155	939
others	"	2,909	5,740	4,440
Total employment (e)	"	2,909	5,740	4,440
Net output per person employed (e)	£	727	790	771
Wages and salaries	£'000	506	1,120	1,009
of operatives	"	364	579	542
of others	"			
Capital expenditure	"			
New building work (f)	"	23	34	55
Plant and machinery	"	62	142	136
acquisitions (f)	"	1	14	4
disposals	"	8	35	34
Vehicles	"	2	13	10
acquisitions (f)	"			
disposals	"			
FIRMS EMPLOYING ON AVERAGE 10 OR FEWER PERSONS				
Number of returns	No.	3	7 (g)	13
Total employment, including working proprietors	"	21	37 (g)	77

(a) For the year 1948 gross output excludes payments for transport services outwards on finished goods sold. For subsequent years gross output includes payments to other firms and undertakings and to firms' own separate transport organisations for transport services.

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

(c) Payments to other firms and undertakings and to firms' own separate transport organisations. For the year 1948 payments cover only transport outwards of finished goods sold. For subsequent years they cover payments for transport of both finished goods sold and materials and fuel purchased.

(d) Number in week ended September 25, 1948.

(e) Including working proprietors for 1948. No working proprietors were engaged in 1951 or 1954.

(f) Excluding expenditure for establishments not yet in production.

(g) Excluding Northern Ireland. No information about small firms was collected in Northern Ireland for 1951.

PRESERVED MEAT

Analysis by size, 1954

Larger establishments in the United Kingdom

TABLE 3

Average number employed	Establishments	Gross output	Net output	Employees		Wages and salaries		Capital expenditure (a)	Net output per person employed
				Operatives	Others	Operatives	Others		
	Number	£'000	£'000	Number	Number	£'000	£'000	£'000	£
11 - 24(b)	5	154	47	50	14	13	8	1	730
25 - 49	3	161	34	81	20	19	5	36(c)	337
50 - 99	3	848	191	195	22	52	17		882
100 - 399	7	3,300	759	1,061	187	307	129	82	608
400 and over	4	6,450	2,391	2,114	696	617	383	107	851
Total	22	10,913	3,422	3,501	939	1,009	542	225	771

(a) Capital expenditure on new building work and on acquisition of plant, machinery and vehicles, excluding expenditure for establishments not yet in production.

(b) Including a small number of establishments with fewer than 11 persons employed, particulars of which were included with those for larger establishments on a single return.

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

TABLE 4 - Analysis according to specialisation within the industry, 1954

Larger establishments in the United Kingdom

No specialisation within this industry was distinguished.

Sales of the principal products of the industry, including sales of these products by establishments classified to other industries

Larger establishments in the United Kingdom

TABLE 5

	1951		1954		
	Quantity	Value	Quantity	Value	Entries
	Th.cwt.	£'000	Th.cwt.	£'000	Number
Preserved meat in tins, glasses, etc.					
Meat roll or galantine	88.7	775	53.9	744	17
Tongues	22.4	629	38.2	1,505	41
Other solid packs	91.3	1,398	115.3	2,463	37
Other descriptions (including ready or prepared meals)	478.2	4,754	317.6	3,341	36
Meat extracts and essences	182.2	4,986	149.4	4,628	11
Other preserved meat (excluding sausage meat, sausages, cooked ham and other cooked meats, brawn and meat puddings and pies)	17.1	164	25.5	345	18
			..	110	
Waste products (a)	..	4	..	3	..
Total		12,710		13,138	..
Sales in other industries (see Table 6)		3,643		4,583	..
Principal products of this industry sold by establishments in the industry		9,067		8,556	18

(a) So far as recorded separately.

PRESERVED MEAT

Sales of principal products of the industry by establishments classified to other industries

Larger establishments in the United Kingdom

TABLE 6

	1954			Principal industries in which produced (a)
	Quantity	Value	Entries	
	Th.cwt.	£'000	Number	
Preserved meat in tins, glasses, etc.				
Meat roll or galantine and tongues	34.0	905	44	8D, 8J, 9G
Other, solid packs (b)	67.7	1,358	29	8D, 8J, 9G
Other descriptions (including ready or prepared meals) (b)	114.1	1,205	25	8D, 8J, 9G
Meat extracts and essences and other preserved meat (excluding sausage meat, sausages, cooked ham and other cooked meats, brawn and meat puddings and pies) (b)	35.3	1,114	20	8D, 8J, 9G
Total		4,583	..	

(a) The volume number and industry references given are to the industries shown in the list at the back of this report.

(b) The figures include sales by establishments in Northern Ireland classified to other industries; owing to the risk of disclosure of information relating to individual firms, details cannot be given.

Sales in the industry of other than principal products

Larger establishments in the United Kingdom

TABLE 7

	1954	
	Quantity	Value
	Th.cwt.	£'000
Preserved fruit and vegetables		
Beans in tomato sauce and processed peas	61.3	288
Other descriptions of preserved fruit and vegetables	18.2	132
Meat and fish pastes in tins, glasses, etc.	44.5	595
Soups, tinned or bottled	57.5	276
Fresh meat sold (excluding pork)	0.8	6
Other food and drink products	..	964
Other goods	..	12
Work done (a)		51
Total		2,324

(a) Amount charged.

TABLE 8 - Total make of intermediate products

Larger establishments in the United Kingdom

This table is not applicable to the industry.

PRESERVED MEAT

Purchases of materials and fuel, 1954
Larger establishments in the United Kingdom

TABLE 9

	Quantity	Cost
	Th.cwt.	£'000
Materials		
Pigs and cattle live or dressed carcasses (whole or parts)	147.5	1,248
Other fresh meat including offals and blood	143.6	1,128
Meat extracts, essences and other forms of meat (dehydrated, canned, etc.)	98.6	1,687
Cereal filler (sausage rusk)	5.7	17
Seasonings	14.6	25
Flour	45.9	101
Packing materials		
Tin containers and tinplate	62.6	326
	..	408
	Th.gross	
Glass bottles and jars	171.7	160
	..	40
	Th.cwt.	
Cardboard boxes, cartons and fibre board packing cases	22.6	98
	..	142
Other packing materials	..	389
Replacement parts for firms' own machinery, plant and vehicles and consumable tools bought as replacement	..	103
All other purchased materials	..	1,568
	Th.tons	
Fuel and electricity		
Coal	12.6	55
Coke	0.8	4
Liquid fuel (including creosote/pitch mixtures)		
For use in internal combustion engines	Th.gal.	
Motor spirit (petrol) for use in road vehicles and derv. fuel	151	30
Other		
For burning in furnaces, boilers, kilns, etc.	249	10
Gas purchased	Th.therms	
From Gas Boards	215	12
From other sources, including other departments of the same firms	-	-
Electricity purchased	Th.kWh.	
From Electricity Boards	3,832	28
From other sources, including other departments of the same firms	-	-
All other purchased fuel		5
Total cost		7,583

PRESERVED MEAT

Average number of employees, and wages, salaries and superannuation payments (a)
Larger establishments in the United Kingdom

TABLE 10

	1951	1954
	Number	Number
Average number of employees		
Operatives	4,585	3,501
Administrative, technical and clerical employees	1,155	939
Total	5,740	4,440
Wages and salaries paid to	£'000	£'000
Operatives	1,120	1,009
Administrative, technical and clerical employees	579	542
Total	1,699	1,551
Wages and salaries per head	£	£
Operatives	244	288
Administrative, technical and clerical employees	501	577
Superannuation and other pension funds for employees and dependents		£'000
Employers' contributions	..	44
Employees covered	..	Number 1,429
Pension, etc. payments to former employees and dependents	..	£'000 1

(a) The following persons not included above were also employed by larger establishments in this industry ('other workers' includes, for example, employees engaged in merchanting).

	1951	1954
	Number	Number
Canteen workers		
Male	-	-
Female	70	57
Total	70	57
Other workers		
Male	31	1
Female	31	-
Total	62	1
Total excluded employees	132	58

Employment in a specified week (a)
Larger establishments in the United Kingdom

TABLE 11

	1951			1954		
	Males	Females	Total	Males	Females	Total
	Number					
Working proprietors	-	-	-	-	-	-
Operatives	1,493	3,276	4,769	1,283	2,526	3,809
Administrative, technical and clerical employees	711	453	1,164	546	400	946
Total employees	2,204	3,729	5,933	1,829	2,926	4,755

(a) Week ended September 22, 1951, or October 30, 1954.

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