

BOARD OF TRADE

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*The Report on the
Censuses of Production
for
1955, 1956 and 1957*

Volume 4

TIMBER, PAPER AND OTHER MANUFACTURING INDUSTRIES;
MINING; BUILDING; PUBLIC UTILITIES;
SUMMARY TABLES

*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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THREE SHILLINGS NET

The Report on the Censuses of Production for 1955, 1956 and 1957

VOLUME 4

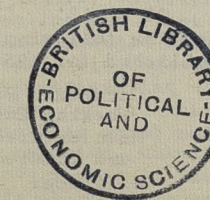
TIMBER, PAPER AND OTHER MANUFACTURING INDUSTRIES:
MINING: BUILDING: PUBLIC UTILITIES: SUMMARY TABLES

This report relates to the Censuses of Production for 1955, 1956 and 1957, which were sample enquiries of a simple character.

The last census of production in which detailed information was obtained about sales of particular products and purchases of materials and fuel related to 1954. Reports on this census for individual industries have been published in separate volumes, to be followed by three volumes of Summary Tables.

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 1955, 1956 and 1957. 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 1955, 1956 and 1957: Introductory Notes', price 1s. 6d. net.



VOLUME 4

Timber, Paper and other Manufacturing Industries;
Mining; Building; Public Utilities; Summary Tables

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B	Timber	170 and 179	Sawmilling, the manufacture of finished timber goods (except furniture, wooden containers and shop and office fittings) and of cork products. Government establishments are included	56
C	Furniture and Upholstery	171(2)	The manufacture and repair of domestic, office, school, church, theatre and cinema furniture of wood, cane, wicker or woven fibre, the upholstering of furniture, whether on wood or metal frames, and the manufacture of wooden wireless cabinets. Establishments mainly manufacturing metal furniture, soft furnishings, divan beds, mattresses, shop and office fittings, display and exhibition stands, blinds and basketware are excluded. Government establishments are included Information on the following industries in Order XIV is not separately published for 1955, 1956 and 1957: Soft Furnishings Shop and Office Fittings Wooden Containers and Baskets	57
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G	Printing and Publishing, Bookbinding, Engraving, etc.	189(part)	The printing and publishing of books, etc. (excluding newspapers and periodicals), bookbinding, stereotyping, engraving and similar kinds of work. Government establishments are included. For published matter the publishers were required to state the net selling value including advertisement revenue: firms printing for United Kingdom publishers were asked to state the net amount charged. Information on the following industries in Order XV is not separately published for 1955, 1956 and 1957: Cardboard Box, Carton and Fibre-board Packing Case Manufactured Stationery, Paper Bags and Kindred Industries Wallpaper	59

Table	Order or Industry	Standard Industrial Classification minimum list heading	Activities in which establishments in the Order or industry were wholly or mainly engaged	Page
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M	Building and Contracting	200(1), 200(3) (part), 201, 202(1), 202(2) (part)	Work done by private firms engaged wholly or mainly on work of construction, alteration, repair and maintenance of buildings, highways, sewers, waterworks, harbours and canals; electric wiring, heating and other installation work; housing site preparation; opencast coal mining; and non-electrical work on telegraph and telephone and electrical lines and works and other civil engineering work; the report covers work of these kinds carried out on their own account by firms engaged in other industries which maintained separate works departments (e.g. for erection, maintenance and repair of their own premises); it also covers work of these kinds carried out by Government Departments which employed direct labour. The report also includes work carried out by employees of Regional Hospital Boards, Hospital Management Committees, and Teaching Hospitals.	

Table	Order or Industry	Standard Industrial Classification minimum list heading	Activities in which establishments in the Order or industry were wholly or mainly engaged	Page
M	Building and Contracting (contd.)	200(1), 200(3) (part), 201, 202(1), 202(2) (part)	<p>Firms that employed 25 or more persons on the average were required to give more detailed information than firms that employed 24 or fewer persons. These small firms were required to give details of the average number of persons employed, the cost of materials and fuel used, the amount paid to other firms for work done on contracts sub-let, and the total value of sales and work done.</p> <p>The output of Government Departments was in general valued at cost i.e., at sums calculated to cover materials used and wages and salaries paid, together with the establishment charges properly attributable to the work carried out.</p> <p>The building and civil engineering establishments of Local Authorities, and constructional work carried out by establishments which were also engaged in the manufacture of structural iron and steel-work tubular scaffolding or prefabricated houses of steel or aluminium, are included in the Local Authorities (Building and Civil Engineering) Industry - Table N, and the Constructional Engineering Industry respectively.</p>	62
N	Local Authorities (Building and Civil Engineering)	200(2) (Building) and 202(2) (Civil Engineering) (part)	<p>The work of building construction, repair and renewal, and civil engineering work carried out by persons in the direct employment of Local Authorities.</p> <p>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 industries concerned.</p> <p>Certain maintenance workers (e.g. those engaged on street cleaning and watering, the collection and disposal of refuse, park and green keepers and gardeners maintaining flower beds and greens) and the work done by them are excluded from the report. The report also excludes work done by employees of parish councils and parish meetings, and work carried out by employees of Regional Hospital Boards, Hospital Management Committees, and Teaching Hospitals.</p> <p>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.</p>	63
O	Order XVIII	210, 211 and 212	Gas, electricity and water.	64
P	Gas Supply Industry	210	<p>The production and distribution of gas. Establishments producing gas for use by works under the same control are excluded, being classified to the industries covering the major output of the parent works.</p> <p>Gross output in this industry is arrived at by aggregating the sales of gas, sales of coke and other by-products (adjusted for stocks), value of work charged for, rents of meters and appliances, the net receipts from the sale of appliances and the value of new constructional work carried out by employees of gas undertakings.</p> <p>Undertakings in this industry returned their materials and fuel 'purchased and used' and not merely 'purchased' as in other industries with the exception of coke and other by-products which were recorded on the basis of purchases. The figures shown for stocks of coke and other by-products relate to goods purchased as well as those made by undertakings.</p>	64
Q	Electricity Supply Industry	211	<p>The production and distribution of electricity. Establishments producing electricity for use by works under the same control are excluded, being classified to the industries covering the major output of the parent works.</p> <p>Gross output in this industry is arrived at by aggregating the sales of electricity, by-products and waste products, rents received, net receipts from the sale of appliances, value of work charged for and the value of new constructional work carried out by employees of electricity undertakings.</p>	65

Table	Order or Industry	Standard Industrial Classification minimum list heading	Activities in which establishments in the Order or industry were wholly or mainly engaged	Page
R	Water Undertakings	212	<p>The purification and distribution of water. Private water works maintained by establishments primarily for their own use are excluded.</p> <p>Gross output in this industry comprises the total sums received for water supplied and work charged for, and the value of new constructional work carried out by employees of water undertakings. There are no industries in Order XVIII for which information is not separately published for 1955, 1958 and 1957.</p>	65
S	Total Manufacturing Industries	-	This table contains a summary of the figures for Orders III-XVI inclusive.	66
T	Total Manufacturing and Other Industries	-	This table contains a summary of the figures for Orders II-XVIII inclusive, together with Textile Converting (part of Order XX). ...	66

APPENDIX

Census of Production for 1957

Standard errors of sampling

This appendix contains estimates of the sampling errors for the main items of census information for individual industries, Orders of the Standard Industrial Classification and for manufacturing industry as a whole. The probability is about two to one that the error in any case was less than the percentage shown.

TABLE A - ORDER XIV - MANUFACTURES OF WOOD AND CORK

All establishments in the United Kingdom

	Unit	1951	1954	1955 (a)	1956 (a)	1957 (a)
Number of establishments	No.	12,535	12,185	..	..	..
Total value of sales and work done	£'000	411,348	454,437	468,022	478,759	508,834
Products on hand for sale and work in progress	{ at beginning of year	22,287	26,085	27,127	31,488	32,687
	{ change during year	+ 5,948	+ 2,436	+ 3,534	+ 1,195	+ 969
Gross output (production)	..	417,293	456,871	471,556	479,954	509,801
Purchases of materials and fuel	..	265,198	258,574	272,932	263,886	286,041
Stocks of materials and fuel	{ at beginning of year	46,757	57,858	59,492	63,708	64,734
	{ change during year	+ 20,435	+ 2,700	+ 6,113	- 2,132	+ 1,130
Cost of materials and fuel used	..	244,763	255,876	266,817	266,017	284,912
Payment for work done on materials given out	..	2,713	3,870	3,621	4,334	3,943
Payment for transport	..	8,763	9,515	10,464	10,071	10,887
Net output	..	161,052	187,611	190,654	199,533	210,058
Average number of employees (b)	{ operatives	245,603	239,435	234,440	226,340	225,806
	{ others	38,196	39,840	40,265	40,297	41,379
Total employment, including working proprietors (b)	..	285,054	280,297	275,900	267,628	268,218
Net output per person employed (c)	£	565	669	691	746	783
Wages and salaries (b)	{ of operatives	84,248	99,305	104,240	105,512	110,486
	{ of others	19,874	24,127	25,150	26,465	28,242
Capital expenditure						
New building work (d)	..	2,413	3,181	4,237	3,433	3,806
Plant and machinery	{ acquisitions (d)	5,300	4,924	5,461	4,717	4,648
	{ disposals	388	443	475	587	704
Vehicles	{ acquisitions (d)	3,212	3,386	3,697	3,174	3,588
	{ disposals	602	788	907	1,004	1,163

TABLE B - TIMBER

All establishments in the United Kingdom

	Unit	1951	1954	1955 (a)	1956 (a)	1957 (a)
Number of establishments	No.	6,112	5,896	..	..	..
Total value of sales and work done	£'000	169,453	190,224	195,834	202,455	215,895
Products on hand for sale and work in progress	{ at beginning of year	9,704	11,990	12,041	13,465	12,972
	{ change during year	+ 3,393	+ 886	+ 1,251	+ 170	+ 203
Gross output (production)	..	172,845	191,110	197,084	202,625	216,098
Purchases of materials and fuel	..	115,711	117,751	124,905	119,743	131,044
Stocks of materials and fuel	{ at beginning of year	19,135	31,198	32,659	34,710	35,310
	{ change during year	+ 10,027	+ 1,762	+ 4,102	- 1,199	+ 1,436
Cost of materials and fuel used	..	105,684	115,989	120,803	120,942	129,608
Payment for work done on materials given out	..	835	1,144	912	1,001	603
Payment for transport	..	4,855	4,984	5,726	5,356	5,618
Net output	..	61,471	68,995	69,643	75,326	80,268
Average number of employees (b)	{ operatives	91,686	89,704	85,209	85,591	85,378
	{ others	15,128	16,119	15,642	16,554	16,926
Total employment, including working proprietors (b)	..	107,375	106,258	101,339	102,568	102,740
Net output per person employed (c)	£	572	649	687	754	781
Wages and salaries (b)	{ of operatives	29,918	35,804	36,478	38,586	40,233
	{ of others	7,547	9,463	9,612	10,655	10,960
Capital expenditure						
New building work (d)	..	1,205	1,053	1,288	1,119	1,289
Plant and machinery	{ acquisitions (d)	2,578	2,273	2,537	2,428	2,226
	{ disposals	218	221	269	275	499
Vehicles	{ acquisitions (d)	1,525	1,524	1,687	1,521	1,607
	{ disposals	290	348	399	463	493

TABLE C - FURNITURE AND UPHOLSTERY

All establishments in the United Kingdom

	Unit	1951	1954	1955 (a)	1956 (a)	1957 (a)
Number of establishments	No.	3,698	3,626	..	..	..
Total value of sales and work done	£'000	140,273	161,940	160,812	155,400	171,004
Products on hand for sale and work in progress	{ at beginning of year	8,377	9,740	10,210	11,608	11,810
	{ change during year	+ 1,737	+ 695	+ 1,470	+ 332	+ 436
Gross output (production)	..	142,010	162,634	162,283	155,732	171,439
Purchases of materials and fuel	..	83,176	84,917	84,735	76,497	86,159
Stocks of materials and fuel	{ at beginning of year	17,019	15,222	15,406	15,829	15,260
	{ change during year	+ 5,281	+ 454	+ 1,112	- 870	- 368
Cost of materials and fuel used	..	77,895	84,463	83,622	77,367	86,527
Payment for work done on materials given out	..	1,123	1,298	1,588	1,277	1,953
Payment for transport	..	2,158	2,754	2,778	2,713	3,194
Net output	..	60,834	74,119	74,295	74,376	79,765
Average number of employees (b)	{ operatives	93,211	91,931	91,942	83,764	85,438
	{ others	13,194	13,746	14,652	13,744	14,256
Total employment, including working proprietors (b)	..	106,843	106,042	107,084	97,862	100,060
Net output per person employed (c)	£	569	699	694	760	797
Wages and salaries (b)	{ of operatives	34,958	41,081	43,700	40,866	44,060
	{ of others	7,184	8,744	9,380	9,065	10,148
Capital expenditure						
New building work (d)	..	636	1,352	1,825	1,317	1,868
Plant and machinery	{ acquisitions (d)	1,830	1,863	2,023	1,513	1,563
	{ disposals	109	173	171	158	132
Vehicles	{ acquisitions (d)	970	1,118	1,205	778	1,154
	{ disposals	172	259	307	251	385

TABLE D - ORDER XV - PAPER AND PRINTING

All establishments in the United Kingdom

	Unit	1951	1954	1955 (a)	1956 (a)	1957 (a)
Number of establishments	No.	8,687	8,243	..	..	..
Total value of sales and work done (e)	£'000	913,787	948,080	1,035,070	1,081,832	1,157,443
Products on hand for sale and work in progress						
{ at beginning of year	..	37,237	47,071	51,174	57,260	63,147
{ change during year	..	+ 13,390	+ 4,998	+ 6,335	+ 7,530	+ 4,173
Gross output (production) (e)	..	927,176	953,078	1,041,405	1,089,362	1,161,615
Purchases of materials and fuel	..	512,851	434,527	488,849	508,761	532,283
Stocks of materials and fuel						
{ at beginning of year	..	63,461	77,178	85,634	101,856	113,413
{ change during year	..	+ 62,631	+ 9,478	+ 19,222	+ 7,662	- 4,698
Cost of materials and fuel used	..	450,218	425,049	469,629	501,100	536,980
Payment for work done on materials given out (f)	..	50,730	59,178	61,519	62,886	66,494
Payment for transport	..	15,305	20,272	22,808	24,020	26,170
Net output	..	410,922	448,578	487,448	501,359	531,969
Average number of employees (b)						
{ operatives	No.	384,113	386,436	403,013	402,043	405,680
{ others	..	106,109	115,216	120,157	124,115	128,155
Total employment, including working proprietors (b)	..	491,132	502,434	524,084	526,964	534,562
Net output per person employed (c)	£	837	893	930	951	995
Wages and salaries (b)						
{ of operatives	£'000	131,742	167,120	186,191	206,844	224,170
{ of others	..	59,812	73,301	81,990	87,909	95,483
Capital expenditure						
New building work (d)	..	5,235	8,828	12,274	19,959	20,394
Plant and machinery						
{ acquisitions (d)	..	24,142	27,386	32,348	42,974	51,018
{ disposals	..	1,318	1,407	1,487	1,332	1,402
Vehicles						
{ acquisitions (d)	..	2,715	3,441	3,880	3,563	4,081
{ disposals	..	598	913	1,101	1,173	1,530

TABLE E - PAPER AND BOARD

All establishments in the United Kingdom

	Unit	1951	1954	1955 (a)	1956 (a)	1957 (a)
Number of establishments	No.	311	306	..	..	..
Total value of sales and work done	£'000	301,796	274,289	301,475	310,561	331,243
Products on hand for sale and work in progress						
{ at beginning of year	..	5,822	8,979	8,815	10,905	14,480
{ change during year	..	+ 3,628	+ 274	+ 1,636	+ 3,906	+ 1,819
Gross output (production)	..	305,423	274,564	303,111	314,468	333,061
Purchases of materials and fuel	..	219,797	168,327	190,035	203,377	208,684
Stocks of materials and fuel						
{ at beginning of year	..	20,778	27,446	30,632	39,196	48,287
{ change during year	..	+ 25,577	+ 4,330	+ 8,524	+ 7,464	- 1,832
Cost of materials and fuel used	..	194,219	163,997	181,511	195,913	210,516
Payment for work done on materials given out	..	132	314	267	266	349
Payment for transport	..	5,696	7,262	7,874	8,277	8,420
Net output	..	105,374	102,988	113,458	110,012	113,776
Average number of employees (b)						
{ operatives	No.	64,631	67,549	70,541	72,018	74,507
{ others	..	9,220	10,770	11,544	12,279	13,325
Total employment, including working proprietors (b)	..	73,864	78,332	82,101	84,310	87,845
Net output per person employed (c)	£	1,427	1,315	1,381	1,305	1,295
Wages and salaries (b)						
{ of operatives	£'000	24,434	32,280	36,577	39,944	42,914
{ of others	..	6,001	7,527	8,485	9,273	10,224
Capital expenditure						
New building work (d)	..	1,877	2,705	4,561	8,325	10,571
Plant and machinery						
{ acquisitions (d)	..	7,010	10,268	13,542	21,260	27,750
{ disposals	..	156	192	511	312	185
Vehicles						
{ acquisitions (d)	..	399	448	428	485	443
{ disposals	..	45	124	66	75	91

TABLE F - NEWSPAPER AND PERIODICAL PRINTING AND PUBLISHING

All establishments in the United Kingdom

	Unit	1951	1954	1955 (a)	1956 (a)	1957 (a)
Number of establishments	No.	760	812	..	..	..
Total value of sales and work done	£'000	163,705	220,330	234,099	250,941	279,306
Products on hand for sale and work in progress						
{ at beginning of year	..	2,442	3,255	3,558	3,800	3,796
{ change during year	..	+ 567	+ 62	+ 547	+ 104	+ 306
Gross output (production)	..	164,272	220,391	234,647	251,045	279,612
Purchases of materials and fuel	..	52,994	68,268	76,163	82,940	92,961
Stocks of materials and fuel						
{ at beginning of year	..	6,250	10,092	9,693	10,879	14,203
{ change during year	..	+ 4,785	- 585	+ 2,664	+ 2,575	+ 673
Cost of materials and fuel used	..	48,209	68,854	73,499	80,365	92,287
Payment for work done on materials given out (f)	..	18,412	26,272	26,685	27,430	30,022
Payment for transport	..	4,174	6,670	7,619	7,969	9,422
Net output	..	93,477	118,596	126,844	135,282	147,880
Average number of employees (b)						
{ operatives	No.	60,173	67,137	70,049	68,820	71,121
{ others	..	38,763	43,640	45,892	47,837	48,894
Total employment, including working proprietors (b)	..	99,023	110,871	116,029	116,745	120,062
Net output per person employed (c)	£	944	1,070	1,093	1,159	1,232
Wages and salaries (b)						
{ of operatives	£'000	26,915	38,562	42,510	48,756	54,694
{ of others	..	22,086	28,826	32,288	35,713	37,985
Capital expenditure						
New building work (d)	..	617	1,184	2,380	3,892	3,736
Plant and machinery						
{ acquisitions (d)	..	3,668	4,587	4,712	5,504	5,694
{ disposals	..	299	358	178	197	165
Vehicles						
{ acquisitions (d)	..	595	939	983	771	982
{ disposals	..	135	204	289	299	367

TABLE G - PRINTING AND PUBLISHING, BOOKBINDING, ENGRAVING, ETC.

All establishments in the United Kingdom

	Unit	1951	1954	1955 (a)	1956 (a)	1957 (a)
Number of establishments	No.	6,349	5,932	..	..	..
Total value of sales and work done	£'000	231,211	251,322	270,463	285,859	304,128
Products on hand for sale and work in progress						
{ at beginning of year	..	22,415	26,817	28,838	31,072	32,066
{ change during year	..	+ 5,548	+ 2,783	+ 2,491	+ 2,242	+ 1,443
Gross output (production) (e)	..	236,759	254,105	272,954	288,100	305,570
Purchases of materials and fuel	..	88,846	78,398	87,933	85,801	91,310
Stocks of materials and fuel						
{ at beginning of year	..	19,766	20,838	22,608	25,577	24,754
{ change during year	..	+ 13,079	+ 2,377	+ 3,266	- 2,022	- 2,257
Cost of materials and fuel used	..	75,767	76,021	84,668	87,823	93,567
Payment for work done on materials given out (f)	..	30,877	31,185	32,518	33,895	34,793
Payment for transport	..	2,043	2,516	2,772	3,045	3,387
Net output	..	128,072	144,383	152,996	163,338	173,823
Average number of employees (b)						
{ operatives	No.	167,571	160,572	166,167	165,698	167,035
{ others	..	39,430	41,120	41,719	42,417	42,757
Total employment, including working proprietors (b)	..	207,665	202,227	208,543	208,683	210,323
Net output per person employed (c)	£	617	714	734	783	826
Wages and salaries (b)						
{ of operatives	£'000	55,810	66,093	72,916	81,037	88,000
{ of others	..	20,894	24,704	27,477	28,472	30,754
Capital expenditure						
New building work (d)	..	1,605	3,496	3,206	3,060	2,344
Plant and machinery						
{ acquisitions (d)	..	8,561	7,349	8,249	8,946	9,184
{ disposals	..	655	517	485	449	677
Vehicles						
{ acquisitions (d)	..	956	1,300	1,407	1,363	1,596
{ disposals	..	232	374	468	476	622

TABLE H - ORDER XVI - OTHER MANUFACTURING INDUSTRIES

All establishments in the United Kingdom

	Unit	1951	1954	1955(a)	1956(a)	1957(a)
Number of establishments	No.	3,074	3,040	..	..	..
Total value of sales and work done	£'000	421,161	406,952	457,091	481,570	493,761
Products on hand for sale and work in progress	{ at beginning of year change during year	25,422 + 12,206	31,890 + 3,144	34,708 + 6,727	43,210 + 2,755	52,158 + 4,787
Gross output (production)	..	433,367	410,096	463,820	484,325	498,549
Purchases of materials and fuel	..	293,972	229,244	267,880	274,299	272,474
Stocks of materials and fuel	{ at beginning of year change during year	41,657 + 20,341	32,692 + 7,065	38,849 + 7,590	47,954 - 3,530	45,642 - 629
Cost of materials and fuel used	..	273,632	222,176	260,291	277,829	273,103
Payment for work done on materials given out	..	4,977	4,544	5,188	5,830	5,353
Payment for transport	..	4,163	5,592	6,750	6,808	7,509
Net output	..	150,590	177,786	191,592	193,858	212,584
Average number of employees (b)	{ operatives others	183,135 41,814	187,768 44,745	194,366 47,639	187,584 51,492	187,236 53,740
Total employment, including working proprietors (b)	..	225,200	232,719	242,325	239,271	241,194
Net output per person employed (c)	£	669	764	791	810	881
Wages and salaries (b)	{ of operatives of others	57,071 23,560	71,586 28,366	80,951 30,363	84,986 34,757	88,533 38,085
Capital expenditure	..	..	..	..	..	..
New building work (d)	..	2,066	2,684	4,758	5,429	5,658
Plant and machinery	{ acquisitions (d) disposals	8,822 328	10,434 553	14,225 358	17,663 662	17,513 1,300
Vehicles	{ acquisitions (d) disposals	1,069 251	1,425 374	1,643 440	1,387 471	1,490 553

TABLE I - RUBBER

All establishments in the United Kingdom

	Unit	1951	1954	1955(a)	1956(a)	1957(a)
Number of establishments	No.	513	560	..	..	..
Total value of sales and work done	£'000	254,955	220,543	248,079	261,829	259,069
Products on hand for sale and work in progress	{ at beginning of year change during year	11,041 + 7,486	15,329 + 719	15,816 + 4,151	20,595 + 214	24,308 + 4,553
Gross output (production)	..	262,442	221,262	252,270	262,043	263,622
Purchases of materials and fuel	..	195,409	133,155	161,220	160,417	154,148
Stocks of materials and fuel	{ at beginning of year change during year	22,694 + 13,424	16,081 + 5,300	20,504 + 5,780	27,455 - 3,447	23,207 - 457
Cost of materials and fuel used	..	181,985	127,855	155,440	163,864	154,605
Payment for work done on materials given out	..	1,232	669	812	1,375	911
Payment for transport	..	1,983	2,826	3,190	3,252	3,581
Net output	..	77,241	89,912	92,829	93,552	104,525
Average number of employees (b)	{ operatives others	82,105 18,707	86,270 20,688	87,598 21,657	85,799 23,863	83,709 24,831
Total employment, including working proprietors (b)	..	100,832	106,976	109,280	109,680	108,558
Net output per person employed (c)	£	766	841	849	853	971
Wages and salaries (b)	{ of operatives of others	28,890 9,536	36,767 12,353	40,914 12,956	43,789 15,629	44,693 17,119
Capital expenditure	..	..	..	..	..	..
New building work (d)	..	1,058	1,219	2,710	3,221	3,587
Plant and machinery	{ acquisitions (d) disposals	5,396 128	5,831 129	8,894 149	11,908 322	10,776 632
Vehicles	{ acquisitions (d) disposals	493 111	596 130	736 145	566 201	571 208

TABLE J - ORDER II - MINING AND QUARRYING

All establishments in Great Britain (g)

	Unit	1951	1954	1955(a)	1956(a)	1957(a)
Number of establishments and mines (h)	No.	3,418	3,538	..	..	..
Total value of sales and work done (i)	£'000	597,230	750,201	802,767	908,070	957,092
Products on hand for sale and work in progress (j)	{ at beginning of year change during year	5,245 + 806	7,277 + 395	7,737 + 1,462	9,018 + 1,188	10,650 + 9,049
Gross output (production)	..	617,534	775,330	831,393	937,911	995,931
Purchases of materials and fuel	..	130,985	176,664	186,999	209,857	232,938
Stocks of materials and fuel (k)	{ at beginning of year change during year	4,651 + 1,746	6,065 - 144	5,730 + 188	6,014 + 487	6,376 + 470
Cost of materials and fuel used	..	129,239	176,808	186,811	209,370	232,468
Payment for work done on materials given out	..	192	324	197	786	245
Payment for transport	..	16,715	21,282	22,980	25,397	26,323
Net output	..	471,389	576,916	621,405	702,358	736,895
Average number of employees (b)	{ operatives others	765,130 45,011	782,228 50,395	775,340 52,165	776,127 55,040	784,657 59,738
Total employment, including working proprietors (b)	..	810,399	833,064	828,005	831,618	844,913
Net output per person employed (c)	£	582	693	750	845	872
Wages and salaries (b)	{ of operatives of others	348,317 22,720	432,208 29,997	453,919 32,983	492,567 37,657	531,052 43,674
Capital expenditure	..	..	..	..	..	..
New building work	..	11,121	26,935	29,892	32,661	35,954
Plant and machinery	{ acquisitions disposals	22,209 819	51,096 697	55,335 792	57,189 772	65,954 756
Vehicles	{ acquisitions disposals	1,875 174	1,767 217	1,842 328	1,982 184	2,293 236

TABLE K - COAL MINES

All establishments in Great Britain (g)

	Unit	1951	1954	1955	1956	1957
Number of colliery units or mines (h)	No.	1,229	1,271	..	..	1,313
Total value of net disposals of coal, other sales and work done	£'000	519,522	658,474	704,725	798,808	840,074
Stocks of saleable coal	{ at beginning of year change during year	2,797 + 535	3,886 + 84	3,970 + 1,707	5,676 + 968	6,728 + 8,045
Gross output (production) (l)	..	520,057	658,558	706,432	799,776	848,119
Cost of materials and fuel used (l)	..	100,684	145,138	157,035	175,106	195,742
Net output	..	419,372	513,420	549,397	624,670	652,377
Average number of employees	{ operatives others	703,800 36,898	724,059 41,712	721,118 43,579	721,086 46,467	728,728 50,278
Total employment, including working proprietors	..	740,844	766,125	765,096	767,920	779,440
Net output per person employed (c)	£	566	670	718	813	837
Wages and salaries	{ of operatives of others	324,553 18,457	404,760 24,638	426,138 27,291	462,334 31,604	498,891 36,732
Capital expenditure	..	..	..	..	..	..
New building work (m)	..	10,419	26,229	29,080	31,504	34,202
Plant and machinery	{ acquisitions (m) disposals	16,961 533	44,283 377	48,348 479	50,153 453	56,520 463
Vehicles	{ acquisitions (m) disposals	814 40	407 41	451 43	479 31	663 41

TABLE L - ORDER XVII (PART) - BUILDING AND CONTRACTING

All establishments in the United Kingdom

	Unit	1951	1954	1955(a)	1956(a)	1957(a)
Number of establishments (n)	No.	96,184	90,464	..	..	..
Gross output (production)	£'000	1,513,414	1,934,120	2,157,753	2,353,406	2,530,689
Purchases of materials and fuel	"	..	..	..	862,933	909,352
Stocks of materials and fuel {at beginning of year	"	..	..	..	73,808	81,969
{change during year	"	..	..	..	+ 4,031	- 1,290
Cost of materials and fuel used (o)	"	595,266	733,997	842,800	888,172	941,789
Payment for work done on contracts sub-let	"	183,009	268,916	311,240	366,819	396,713
Payment for transport including hired haulage	"	22,829	24,216	30,422	31,908	32,212
Net output	"	712,310	906,990	973,292	1,066,507	1,159,975
Average number of employees (b) {operatives	No.	1,260,126	1,263,953	1,282,348	1,306,290	1,291,759
{others	"	155,386	162,766	165,187	171,110	175,920
Total employment, including working proprietors (b)	"	1,534,614	1,539,997	1,558,514	1,585,763	1,582,820
Net output per person employed (c)	£	464	589	624	672	732
Wages and salaries (b) {of operatives	£'000	459,980	572,037	624,724	707,597	721,931
{of others	"	68,198	87,891	96,506	106,871	115,797
Capital expenditure						
New building work	"	4,593	6,405	7,680	9,296	7,653
Plant and machinery {acquisitions	"	23,157	31,403	33,318	32,394	38,539
{disposals	"	4,543	3,966	3,627	4,285	4,129
Vehicles {acquisitions	"	10,618	13,288	16,699	16,282	15,742
{disposals	"	1,867	2,988	3,773	3,960	4,489

TABLE M - BUILDING AND CONTRACTING

All establishments in the United Kingdom

	Unit	1951(p)	1954(p)	1955(a) (p)	1956(a) (p)	1957(a) (p)
Number of establishments (n)	No.	94,689	88,997	..	..	..
Gross output (production)	£'000	1,380,496	1,774,424	1,986,680	2,174,068	2,342,576
Cost of materials and fuel used	"	523,961	652,671	749,660	791,659	839,494
Payment for work done on contracts sub-let	"	183,009	268,916	311,240	366,819	396,713
Payment for transport including hired haulage	"	16,275	18,381	23,504	24,378	24,967
Payment for hire of plant and machinery	"	17,899	18,146	26,172	26,459	28,166
Stocks of materials and fuel {at beginning of year	"	..	..	..	61,016	67,985
{change during year	"	..	..	..	+ 3,130	- 661
Net output	"	639,352	816,310	876,104	964,753	1,053,236
Average number of employees (b) {operatives	No.	1,088,195	1,091,361	1,114,714	1,136,705	1,120,830
{others	"	135,637	142,186	144,537	150,474	154,518
Total employment, including working proprietors (b)	"	1,342,934	1,346,825	1,370,230	1,395,542	1,390,489
Net output per person employed (c)	£	476	606	639	685	757
Wages and salaries (b) {of operatives	£'000	403,483	503,662	550,739	628,214	638,040
{of others	"	58,769	76,413	84,294	93,913	101,773
Capital expenditure						
New building work	"	3,530	5,466	6,438	7,589	6,137
Plant and machinery {acquisitions	"	21,607	29,469	31,171	30,550	36,904
{disposals	"	4,475	3,909	3,581	4,235	4,064
Vehicles {acquisitions	"	9,555	12,243	15,370	15,007	14,504
{disposals	"	1,829	2,941	3,719	3,903	4,400

TABLE N - LOCAL AUTHORITIES (BUILDING AND CIVIL ENGINEERING)

All establishments in the United Kingdom

	Unit	1951	1954	1955(a)	1956(a)	1957(a)
Number of establishments	No.	1,495	1,467	..	..	..
Gross output (production)	£'000	132,918	159,696	171,073	179,338	188,113
Cost of materials and fuel used	"	51,415	60,992	64,199	67,243	71,148
Stocks of materials and fuel {at beginning of year	"	..	..	..	12,792	13,984
{change during year	"	..	..	..	+ 901	- 629
Payment for transport including hired haulage	"	6,554	5,835	6,918	7,530	7,245
Payment for the hire of plant and machinery	"	1,991	2,188	2,769	2,811	2,981
Net output	"	72,958	90,680	97,188	101,754	106,739
Average number of employees (b) {operatives	No.	171,931	172,592	167,634	169,585	170,929
{others	"	19,749	20,580	20,650	20,636	21,402
Total employment, including working proprietors (b)	"	191,680	193,172	188,284	190,221	192,331
Net output per person employed (c)	£	381	469	516	535	555
Wages and salaries (b) {of operatives	£'000	56,497	68,375	73,985	79,383	83,891
{of others	"	9,429	11,478	12,212	12,958	14,024
Capital expenditure						
New building work (d)	"	1,063	939	1,242	1,707	1,516
Plant and machinery {acquisitions (d)	"	1,550	1,934	2,147	1,844	1,635
{disposals	"	68	57	46	50	65
Vehicles {acquisitions (d)	"	1,063	1,045	1,329	1,275	1,238
{disposals	"	38	47	54	57	89

TABLE O - ORDER XVIII - GAS, ELECTRICITY AND WATER

All establishments in the United Kingdom

	Unit	1951	1954	1955	1956	1957
Number of establishments	No.	..	..	..	..	..
Total value of sales and work done	£'000	610,006	811,225	885,785	979,758	1,040,840
Products on hand for sale	"	2,974	7,700	6,024	7,324	11,157
and work in progress (q) { at beginning of year	"	254	-1,671	+1,358	+3,887	+7,085
change during year	"	607,763	809,554	887,143	983,645	1,047,925
Gross output (production) (r)	"	270,873	367,097	418,657	463,655	484,194
Purchases of materials and fuel	"	31,735	36,058	34,826	38,877	37,151
Stocks of materials { at beginning of year	"	6,464	-1,230	+4,049	-1,727	-369
and fuel (s) { change during year	"	264,409	368,327	414,608	465,382	484,563
Cost of materials and fuel used	"	19,245	4,212	4,618	4,486	4,566
Payment for transport	"	326,607	437,015	467,917	513,777	558,796
Net output	"	266,325	271,164	272,721	271,785	270,515
Average number of { operatives	No.	104,248	107,593	109,821	111,897	113,073
employees { others	"	370,573	378,757	382,542	383,682	383,588
Total employment	"	881	1,154	1,223	1,339	1,457
Net output per person employed	£	99,938	124,069	136,462	148,261	153,560
Wages and salaries { of operatives	£'000	49,635	61,335	67,336	74,230	81,302
{ of others	"	47,226	65,177	61,638	62,574	69,845
Capital expenditure	"	160,648	228,939	268,769	264,400	275,336
New building work (t)	"	1,409	2,096	2,162	2,963	2,914
Plant and machinery { acquisitions (t)	"	3,671	4,001	4,065	3,451	3,721
{ disposals	"	219	349	381	781	589
Vehicles { acquisitions (t)	"					
{ disposals	"					

TABLE P - GAS SUPPLY INDUSTRY

All establishments in the United Kingdom

	Unit	1951	1954	1955	1956	1957
Number of gas works	No.	996	902	835	744	644
Sales of gas, coke and other by-products	£'000	201,787	254,299			
Total value of work charged for and of new	"			314,256	340,984	350,819
constructional work carried out by own	"	28,930	37,971			
employees, rents received and net receipts	"					
from sale of appliances	"					
Stocks of coke, coke- { at beginning of year	"	2,974	7,700(u)	6,024(u)	7,324(u)	11,157(u)
breeze and other { change during year	"	+254	-1,671(u)	+1,358(u)	+3,887(u)	+7,085(u)
by-products	"	228,474	290,599	315,614	344,871	357,904
Gross output (production) (r)	"	25,310	36,058(u)	34,826(u)	38,877(u)	37,151(u)
Stocks of materials { at beginning of year	"	+5,266	-1,230(u)	+4,049(u)	-1,727(u)	-369(u)
and fuel { change during year	"	129,006	163,616	181,737	199,672	202,902
Cost of materials and fuel used (v)	"	2,497	3,603	3,887	3,847	3,728
Payment for transport outwards (w)	"	99,468	123,380	129,990	141,352	151,274
Net output	"	110,233	108,254	106,472	103,596	101,227
Average number of { operatives	No.	35,860	36,589	37,380	37,654	37,526
employees { others	"	146,093	144,843	143,852	141,250	138,753
Total employment	"	681	852	904	1,001	1,090
Net output per person employed	£	41,456	50,167	53,393	57,236	57,768
Wages and salaries { of operatives	£'000	16,655	20,207	22,257	24,383	25,753
{ of others	"	2,637	3,508	3,704	4,747	3,921
Capital expenditure	"	36,515	48,823	54,238	45,692	47,094
New building work (t)	"	564	698	579	654	670
Plant and machinery (x) { acquisitions (t)	"	1,232	1,523	1,018	1,258	1,780
{ disposals	"	83	122	88	327	251
Vehicles and vessels { acquisitions (t)	"					
{ disposals	"					

TABLE Q - ELECTRICITY SUPPLY INDUSTRY

All establishments in the United Kingdom

	Unit	1951	1954	1955	1956	1957
Number of generating stations	No.	373	386	383	378	368
Sales of electricity	£'000	265,354	370,926			
Sales of by- and waste products, value of work	"			500,020	559,901	608,212
charged for and of new constructional work	"					
carried out by own employees, rents received	"	58,882	79,421			
and net receipts from sales of appliances	"	324,236	450,347	500,020	559,901	608,212
Gross output (production)	"	122,249	188,281	214,751	246,404	261,229
Cost of materials and fuel used (y)	"	16,315	189	192	179	356
Payment for transport (z)	"	185,673	261,877	285,077	313,318	346,627
Net output	"	125,420	131,240	134,899	135,769	137,186
Average number of employees { operatives	No.	59,718	61,795	63,351	64,887	65,694
{ others	"	185,138	193,035	198,250	200,656	202,880
Total employment	"	1,003	1,357	1,438	1,561	1,709
Net output per person employed	£	47,466	60,077	68,157	74,446	78,528
Wages and salaries { of operatives	£'000	28,584	35,725	39,203	43,540	48,570
{ of others	"	34,562	51,633	48,664	47,969	55,642
Capital expenditure	"	113,864	166,868	200,792	202,318	211,599
New building work (t)	"	749	1,353	1,557	2,196	2,186
Plant and machinery { acquisitions (t)	"	2,192	2,230	2,742	1,841	1,541
{ disposals	"	105	197	248	390	239
Vehicles and vessels { acquisitions (t)	"					
{ disposals	"					

TABLE R - WATER UNDERTAKINGS

All establishments in the United Kingdom

	Unit	1951	1954	1955(a)	1956(a)	1957(a)
Number of establishments	No.	1,044	1,013	..	..	..
Value of water supplied	£'000	47,980	57,623	62,220	67,934	71,666
Amount charged for work done	"	1,596	2,024			
Value of work of new construction	"	5,477	8,961	9,289	10,939	10,143
Gross output (production)	"	55,053	68,608	71,509	78,873	81,809
Purchases of materials and fuel	"	14,351	16,430	18,120	19,306	20,432
Stocks of materials and fuel { at beginning of year	"	6,425	..	..	..	..
{ change during year	"	+1,198	..	..	..	..
Cost of materials and fuel used	"	13,154	16,430	18,120	19,306	20,432
Payment for transport	"	433	420	539	460	482
Net output	"	41,466	51,758	52,850	59,107	60,895
Average number of employees { operatives	No.	30,672	31,670	31,350	32,420	32,102
{ others	"	8,670	9,209	9,090	9,356	9,853
Total employment	"	39,342	40,879	40,440	41,776	41,955
Net output per person employed	£	1,054	1,264	1,307	1,415	1,451
Wages and salaries { of operatives	£'000	11,014	13,825	14,912	16,579	17,264
{ of others	"	4,396	5,403	5,876	6,307	6,979
Capital expenditure	"	10,027	10,036	9,270	9,858	10,282
New building work (t)	"	10,269	13,248	13,739	16,390	16,643
Plant and machinery { acquisitions	"	96	45	26	113	58
{ disposals	"	247	248	305	352	400
Vehicles { acquisitions	"	31	30	45	64	99
{ disposals	"					

TABLE S - TOTAL MANUFACTURING INDUSTRIES (aa)

All establishments in the United Kingdom

	Unit	1951	1954	1955	1956	1957	
Number of establishments	No.	100,186	96,155	..	..	..
Total value of sales and work done	£'000	14,993,083	17,408,489	19,040,143	20,151,467	21,189,800	
Products on hand for sale and work in progress	{ at beginning of year { change during year	..	1,322,614	1,832,279	1,971,521	2,181,487	2,430,445
		..	+ 303,137	+ 141,151	+ 212,040	+ 229,608	+ 182,714
Gross output (production)	..	15,296,215	17,549,638	19,252,187	20,381,072	21,372,513	
Purchases of materials and fuel	..	9,127,019	9,746,296	10,872,064	11,514,257	12,026,764	
Stocks of materials and fuel	{ at beginning of year { change during year	..	1,238,341	1,470,688	1,530,726	1,678,143	1,823,303
		..	+ 343,737	+ 63,722	+ 160,015	+ 113,831	+ 54,952
Cost of materials and fuel used	..	8,783,276	9,682,572	10,712,045	11,400,424	11,971,810	
Payment for work done on materials given out	..	251,896	345,410	359,838	393,202	408,982	
Payment for transport	..	214,400	281,230	307,793	325,691	343,707	
Net output	..	5,103,973	6,266,331	6,820,494	7,179,197	7,535,040	
Average number of employees	{ operatives { others	No.	6,212,337	6,287,944	6,425,660	6,373,392	6,362,126
		..	1,297,039	1,436,445	1,502,021	1,562,044	1,618,510
Total employment, including working proprietors	..	7,520,380	7,733,370	7,938,617	7,943,970	7,989,850	
Net output per person employed	£	679	810	859	903	943	
Wages and salaries	{ of operatives { of others	£'000	2,093,141	2,609,264	2,878,635	3,089,438	3,239,312
		..	676,120	869,029	955,999	1,061,406	1,160,515
Capital expenditure	..	..	..	..	..	..
New building work	..	99,717	125,160	175,412	220,728	223,539	
Plant and machinery	{ acquisitions { disposals	..	348,889	399,210	455,444	554,649	630,209
		..	12,881	16,647	16,788	19,699	22,442
Vehicles	{ acquisitions { disposals	..	41,487	49,385	60,275	58,738	57,821
		..	8,435	12,977	15,920	16,340	18,629

TABLE T - TOTAL MANUFACTURING AND OTHER INDUSTRIES (aa)

All establishments in the United Kingdom

	Unit	1951	1954	1955	1956	1957	
Number of establishments	No.	..	..	..	..	..
Total value of sales and work done	£'000	18,088,342	21,190,284	23,159,652	24,658,968	25,988,559	
Products on hand for sale and work in progress	{ at beginning of year { change during year	..	1,388,211	1,905,303	2,046,176	2,261,172	2,510,587
		..	+ 321,724	+ 146,443	+ 215,724	+ 228,638	+ 200,567
Gross output (production)	..	18,427,062	21,361,460	23,402,544	24,916,255	26,218,915	
Purchases of materials and fuel	..	10,420,750	11,235,382	12,509,156	13,256,955	13,872,394	
Stocks of materials and fuel	{ at beginning of year { change during year	..	1,291,988	1,527,314	1,590,482	1,813,705	1,964,560
		..	+ 357,977	+ 65,179	+ 160,416	+ 115,128	+ 55,092
Cost of materials and fuel used	..	10,062,767	11,170,200	12,348,736	13,141,824	13,817,301	
Payment for work done on materials given out	..	487,264	667,786	724,751	813,199	861,781	
Payment for transport	..	274,353	332,334	367,307	389,259	408,500	
Net output	..	6,662,506	8,217,044	8,909,734	9,489,414	10,018,359	
Average number of employees	{ operatives { others	No.	8,503,918	8,605,289	8,756,069	8,727,594	8,709,057
		..	1,601,684	1,757,199	1,829,194	1,900,091	1,967,241
Total employment, including working proprietors	..	10,235,966	10,485,188	10,707,678	10,745,033	10,801,171	
Net output per person employed	£	651	784	832	883	928	
Wages and salaries	{ of operatives { of others	£'000	3,001,376	3,737,578	4,093,740	4,437,863	4,645,855
		..	816,673	1,048,252	1,152,824	1,280,164	1,401,288
Capital expenditure	..	..	..	..	..	..
New building work	..	162,657	223,677	274,622	325,259	336,991	
Plant and machinery	{ acquisitions { disposals	..	554,903	710,648	812,866	908,632	1,010,038
		..	19,652	23,406	23,369	27,719	30,241
Vehicles	{ acquisitions { disposals	..	57,651	68,441	82,881	80,453	79,577
		..	10,695	16,531	20,402	21,265	23,943

Notes to Tables

- (a) Estimates derived from a sample enquiry, for details of which see Introductory Notes.
- (b) Excluding outworkers.
- (c) Excluding outworkers but including working proprietors.
- (d) Including expenditure in Great Britain for establishments not yet in production.
- (e) Excluding Excise Duty paid on playing cards in the Printing and Publishing, Bookbinding, Engraving, etc. Industry.
- (f) Including authors' royalties, copyright payments, payments to contributors and press agencies, and editorial, artists' and readers' fees, less payments received from authors in the Newspaper and Periodical Printing and Publishing and Printing and Publishing, Bookbinding, Engraving, etc. Industries.
- (g) The mining and quarrying industries were excluded from the censuses taken in Northern Ireland.
- (h) The number of National Coal Board mines included represent colliery units recognised for administrative and accounting purposes; in some cases these comprise more than one mine. Mines not in production are excluded.
- (i) In the Non-Metalliferous Mines and Quarries, Slate Quarries and Mines, and Metalliferous Mines and Quarries Industries sales of products were collected at 'ex-mine' or 'ex-quarry' prices and the cost of transport, whether carried out by firms' own employees or by other firms was excluded. In calculating gross output transport charges as follows must be added to total output adjusted for changes in stocks:
- | | 1951 | 1954 | 1955 | 1956 | 1957 |
|--|--------|--------|--------|--------|--------|
| | £'000 | £'000 | £'000 | £'000 | £'000 |
| | 19,499 | 24,732 | 27,164 | 28,652 | 29,793 |
- (j) Including stocks of saleable coal only for Coal Mines.
- (k) Figures of stocks of materials were not collected for Coal Mines.
- (l) Excluding the value of all colliery consumption of coal.
- (m) Including expenditure for colliery units or mines, not yet in production.
- (n) For the Building and Contracting Industry the figures relate to the number of private firms and Government establishments.
- (o) Including payments for hire of plant and machinery.
- (p) No information about capital expenditure was collected for 1951 or 1954 from firms employing 24 or fewer persons; and for 1954, no information was collected from firms employing 10 or fewer persons about materials and fuel used, payments for transport, payments for hire of plant and machinery, or wages and salaries. These components of the totals have been estimated.
- A further element of estimation results because for 1951 firms employing 24 or fewer persons gave combined figures for wages and salaries and also for materials and fuel used, payments for hire of plant and machinery, and payments for transport; and for 1954, firms employing 11-24 persons gave combined figures for materials and fuel used and payments for transport.
- (q) Gas Supply Industry only.
- (r) Excluding for 1951 payments for transport outwards, in the Gas Supply Industry amounting to £2,497,000; for the later years these payments are included.
- (s) Gas Supply Industry and Water Undertakings only.
- (t) Expenditure on new establishments in Great Britain is included for the Gas and Electricity Supply Industries.
- (u) Great Britain only. No information about stocks was collected in Northern Ireland for 1954 and later years.
- (v) Including transport payments on materials and fuel purchased.
- (w) Payments to other firms and undertakings and Area Boards own separate transport organisations on goods sold.
- (x) Including meters, mains and services, and appliances for hire.
- (y) Purchases from outside sources. Amounts paid for delivery services are excluded for 1951 but included for other years.
- (z) Payments for outwards transport on goods sold only, except for 1951 when they cover payments for transport of both goods sold and of materials and fuel purchased.
- (aa) Excluding those sections of industry detailed in paragraph 7 of the Introductory Notes. In interpreting the data in this table reference should be made to the footnotes of the constituent Order or industry tables.

APPEN

Census of Production

Standard errors

Standard Industrial Classification Order and Industry	Number of larger estab- lishments in the 1954 Census	Total employment	Total value of sales and work done	Net output	Sampling
Order III : Treatment of Non-Metalliferous Mining Products other than Coal	2,847	0.6	0.8	0.7	
of which:					
Brick and Fireclay	1,063	0.5	0.9	0.9	
China and Earthenware	331	0.8	0.9	0.7	
Building Materials	999	0.6	1.0	0.8	
Order IV : Chemicals and Allied Trades	2,177	0.4	1.0	1.1	
of which:					
Chemicals (General)	487	0.7	2.1	1.8	
Drugs and Pharmaceutical Preparations	260	1.7	2.6	3.2	
Paint and Varnish	334	1.0	1.6	1.9	
Soap, Candles and Glycerine	115	1.0	1.5	2.0	
Mineral Oil Refining	18	Not sampled			
Plastics Materials	68	Not sampled			
Order V : Metal Manufacture	1,964	0.4	1.7	0.6	
of which:					
Blast Furnaces	47	Not sampled			
Iron and Steel (Melting and Rolling)	396	0.5	1.8	1.1	
Iron Foundries	838	0.9	2.1	1.4	
Steel Sheets	33	Not sampled			
Tinplate	29	Not sampled			
Wrought Iron and Steel Tubes	143	0.4	0.9	0.9	
Non-Ferrous Metals (Smelting, Rolling, etc.)	478	1.4	7.0	1.8	
Order VI : Engineering, Shipbuilding and Electrical Goods	8,724	0.3	0.5	0.4	
of which:					
Shipbuilding and Ship Repairing	676	0.5	1.0	0.9	
Marine Engineering	96	Not sampled			
Machine Tools	789	1.1	1.7	1.4	
Textile Machinery and Accessories	420	1.9	3.3	2.5	
Mechanical Engineering (General)	3,084	0.7	1.1	0.9	
Electrical Engineering (General)	1,019	0.4	0.7	0.7	
Electric Wires and Cables	83	Not sampled			
Radio and Telecommunications	548	0.5	1.5	0.9	
Order VII : Vehicles	3,660	0.4	0.8	0.6	
of which:					
Motor Vehicles and Cycles (Manufacturing)	969	0.8	1.3	1.2	
Aircraft Manufacture and Repair	280	0.7	0.9	0.8	
Railway Locomotive Shops and Locomotive Manufacturing	377	Not sampled			
Railway Carriages and Wagons and Trams	582	0.1	0.4	0.4	

DIX

for 1957 (a)

of sampling

Capital expenditure			Stocks					
New building work	Plant and machinery	Vehicles	Materials and fuel			Finished goods and work in progress		
			At begin- ning of year	Change during year	Sampling error of change during year	At begin- ning of year	Change during year	Sampling error of change during year
errors expressed as percentages			Expressed as percent- age of stocks at beginning of year			Sampling errors expressed as percentages		Expressed as percentage of stocks at beginning of year
3.0	3.2	2.3	1.7	5.5	0.4	1.0	15.1	0.5
3.9	3.2	4.8	2.1	16.2	2.3	2.4	17.5	1.3
0.9	1.2	5.2	1.8	2.1	0.6	1.0	7.2	0.4
4.0	3.3	5.3	1.9	3.3	0.6	1.7	12.3	0.8
1.8	0.7	3.0	1.8	6.9	0.8	1.4	20.8	1.2
4.8	1.5	5.5	4.7	6.7	1.3	3.2	14.0	1.3
7.3	2.9	11.5	3.6	12.1	5.0	2.7	10.1	1.0
3.2	3.2	5.8	1.7	1.7	1.4	2.3	9.6	0.7
4.3	2.6	11.7	1.0	4.8	1.0	1.7	30.4	1.7
2.5	0.9	4.2	1.1	13.0	0.7	1.3	14.0	0.7
4.4	1.3	5.3	2.2	24.7	1.5	1.3	18.7	0.9
5.6	4.4	9.4	2.7	3.8	1.7	4.2	11.6	1.8
1.7	3.3	4.5	1.8	16.3	0.7	1.0	17.1	0.5
5.2	4.7	9.9	2.6	12.9	1.0	3.4	2.2	1.9
2.1	1.0	2.6	0.8	1.7	0.4	0.9	5.4	0.4
1.6	3.4	8.6	2.3	5.1	1.3	-	-	-
8.0	4.4	9.3	4.0	2.8	1.1	2.6	3.4	1.1
19.1	11.4	13.5	3.0	5.8	1.3	3.2	4.8	2.0
4.8	1.9	4.9	1.6	5.0	0.7	2.2	8.8	0.8
3.7	0.9	5.0	1.1	6.5	0.6	0.8	3.2	0.3
1.6	3.4	4.7	1.8	2.6	1.6	0.9	5.3	0.5
0.4	0.8	6.4	1.3	5.5	0.5	0.8	9.7	0.2
1.7	0.9	4.7	2.5	2.0	1.0	1.0	0.3	0.5
1.6	1.7	3.7	2.3	8.0	1.4	1.1	13.1	0.3
4.3	1.3	8.8	0.3	11.2	0.2	0.9	20.1	0.2

Standard Industrial Classification Order and Industry	Number of larger estab- lishments in the 1954 Census	Total employment	Total value of sales and work done	Net output	Sampling
Order VIII : Metal Goods not elsewhere specified	4,164	0.4	0.9	0.8	
of which:					
Chain, Nail, Screw and Miscellaneous Forgings	667	0.5	1.0	0.9	
Wire and Wire Manufactures	283	0.8	2.2	2.1	
Hardware, Hollow-ware, Metal Furniture and Sheet Metal	2,090	0.7	1.4	1.5	
Order IX : Precision Instruments, Jewellery, etc.	1,232	0.5	0.7	0.8	
of which:					
Scientific, Surgical and Photographic Instruments, etc.	700	0.7	1.3	1.1	
Order X : Textiles	7,234	0.2	1.0	0.4	
of which:					
Cotton Spinning and Doubling	687	0.4	0.9	1.1	
Cotton Weaving	788	0.5	1.0	1.0	
Woollen and Worsted	1,503	0.4	3.2	0.9	
Rayon, Nylon, etc. Production	22	Not sampled			
Rayon, Nylon, etc. Weaving and Silk	380	0.8	1.6	1.6	
Jute	78	Not sampled			
Hosiery and Other Knitted Goods	1,097	0.8	1.3	1.3	
Textile Finishing	770	0.6	1.3	1.5	
Order XI : Leather, Leather Goods and Fur	958	1.5	1.7	2.0	
of which:					
Leather (Tanning and Dressing)	419	2.5	2.0	2.8	
Order XII : Clothing	6,603	0.4	0.9	0.7	
of which:					
Tailoring, Dressmaking, etc.	5,185	0.5	1.3	1.0	
Boot and Shoe	880	0.4	0.7	0.6	
Order XIII : Food, Drink and Tobacco	4,480	0.3	0.5	0.5	
of which:					
Cocoa, Chocolate and Sugar Confectionery	386	0.8	1.8	1.2	
Brewing and Malting	712	0.3	1.3	1.1	
Wholesale Bottling	498	1.0	1.9	1.9	
Spirit Distilling	100	Not sampled			
Tobacco	79	Not sampled			
Order XIV : Manufactures of Wood and Cork	4,105	0.9	1.3	1.2	
of which:					
Timber	1,657	1.7	1.8	1.6	
Furniture and Upholstery	1,302	1.6	2.7	2.3	

Capital expenditure			Stocks						
New building work	Plant and machinery	Vehicles	Materials and fuel			Finished goods and work in progress			
			At begin- ning of year	Change during year	Sampling error of change during year	At begin- ning of year	Change during year	Sampling error of change during year	
errors expressed as percentages			Expressed as percentage of stocks at beginning of year			Sampling errors expressed as percentages		Expressed as percentage of stocks at beginning of year	
4.6	2.3	3.7	1.1	0.4	0.4	0.9	5.6	0.4	
4.6	3.3	4.8	1.5	9.1	0.7	1.9	13.8	1.0	
10.3	13.1	6.8	3.7	4.7	1.4	3.4	1.8	0.8	
8.9	2.5	6.5	1.6	1.4	0.5	1.3	4.6	0.7	
1.1	1.0	5.4	1.4	2.4	0.4	1.3	6.2	0.4	
1.3	1.4	6.9	2.0	2.2	0.5	1.6	9.5	0.4	
1.8	1.0	2.4	2.7	3.9	0.9	1.6	7.2	0.4	
12.7	2.2	13.3	1.7	7.8	1.5	2.1	3.3	0.8	
2.4	2.2	7.8	2.3	0.1	0.9	2.5	4.7	0.6	
5.9	2.0	4.4	6.3	7.7	2.0	4.6	11.2	1.0	
13.0	14.6	13.5	3.1	2.7	1.8	3.2	16.3	1.4	
6.3	2.3	7.8	1.9	1.0	1.0	1.7	6.7	0.7	
5.1	4.2	10.0	3.4	0.3	1.5	12.2	7.9	3.7	
7.4	5.8	7.2	2.5	2.9	1.5	3.7	3.8	0.8	
12.9	7.8	9.4	2.6	0.2	2.1	4.4	3.1	0.8	
16.9	2.2	4.1	1.4	3.4	0.5	2.3	6.1	0.4	
24.3	2.9	4.9	1.9	4.4	0.6	3.2	6.2	0.5	
7.0	3.3	9.1	1.0	2.1	0.5	1.2	8.8	0.7	
5.5	1.0	2.5	0.8	5.8	0.4	0.8	0.3	0.3	
2.0	3.1	4.6	1.7	15.5	0.9	1.5	7.4	0.4	
4.4	4.3	1.7	3.5	1.8	1.1	3.6	4.2	1.1	
9.7	3.7	6.6	4.4	4.3	0.9	2.0	5.7	0.5	
5.8	2.3	4.7	2.2	1.6	0.5	1.9	3.0	1.3	
16.1	3.2	4.7	2.3	4.1	0.8	1.8	1.6	0.7	
5.0	4.5	11.8	1.8	2.4	0.8	3.3	3.7	2.4	

Standard Industrial Classification Order and Industry	Number of larger estab- lishments in the 1954 Census	Total employment	Total value of sales and work done	Net output	Sampling
Order XV : Paper and Printing	4,539	0.2	0.5	0.6	
of which:					
Paper and Board	278	0.4	1.0	1.3	
Newspaper and Periodical Printing and Publishing	624	0.5	0.9	1.3	
Printing and Publishing, Bookbinding, Engraving, etc.	2,756	0.3	0.9	0.7	
Order XVI : Other Manufacturing Industries	1,526	0.6	1.2	1.2	
of which:					
Rubber	337	1.0	1.8	2.2	
Total - Manufacturing Industries	54,213	0.1	0.3	0.2	
Order II : Mining and Quarrying	2,286	0.1	0.3	0.2	
of which:					
Coal Mines	1,091	Not sampled			
Order XVII : Building and Contracting	17,528	0.4	0.8	0.6	
of which:					
Building and Contracting	16,509	0.5	0.8	0.6	
Local Authorities (Building and Civil Engineering)	1,019	0.8	0.8	0.8	
Order XVIII : Gas, Electricity and Water	1,638	0.1	0.1	0.1	
Gas Supply Industry	902	Not sampled			
Electric Supply Industry	386	Not sampled			
Water Undertakings	350	0.8	1.0	1.0	

(a) Returns were required only from a sample of larger firms (with more than 10 persons employed), and the sampling errors are expressed as percentages of the estimated totals for larger firms. A further element in the error in the published estimates for all establishments in the United Kingdom is due to the estimates made in respect of smaller firms using 1954 data; this element cannot be measured, but is certainly of minor importance since in the great majority of industries smaller firms account for less than 5% of total employment.

Capital expenditure			Stocks					
New building work	Plant and machinery	Vehicles	Materials and fuel			Finished goods and work in progress		
			At begin- ning of year	Change during year	Sampling error of change during year	At begin- ning of year	Change during year	Sampling error of change during year
errors expressed as percentages			Expressed as percentage of stocks at beginning of year			Sampling errors expressed as percentages		
			Expressed as percentage of stocks at beginning of year			Expressed as percentage of stocks at beginning of year		
3.3	3.9	2.4	0.6	4.1	0.6	1.3	6.7	0.4
5.9	6.9	8.1	0.9	3.8	1.3	1.2	12.6	1.1
4.5	1.6	3.8	1.4	4.7	0.7	2.8	8.1	0.8
4.7	2.0	3.6	1.2	9.1	0.3	2.5	4.5	0.5
5.4	1.3	4.6	1.5	1.4	0.7	1.6	9.4	0.7
5.7	1.8	7.8	1.7	2.0	0.6	2.8	18.7	1.4
1.0	0.5	1.0	0.5	3.2	0.2	0.4	7.6	0.2
0.4	1.4	7.1	2.0	7.4	0.9	2.7	87.2	0.9
5.8	5.0	2.4	1.6	2.1	0.7
5.7	5.3	2.6	1.9	1.5	0.8
10.1	2.9	5.6	2.0	4.5	0.7
1.5	0.3	0.4
9.3	4.9	4.2

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