

Table IV B.—Operatives employed in one week in each month of 1935

Week ended	Males and females		
	England and Wales and Northern Ireland	Scotland	United Kingdom
January 19	1,244	224	1,468
February 16	1,248	219	1,467
March 16	1,238	219	1,457
April 13	1,283	220	1,503
May 18... ..	1,383	250	1,633
June 15... ..	1,416	257	1,673
July 13... ..	1,480	276	1,756
August 17	1,468	277	1,745
September 14	1,424	274	1,698
October 12	1,276	230	1,506
November 16	1,221	225	1,446
December 14	1,197	220	1,417
Average for the twelve months	1,323	241	1,564

Table V.—Firms employing not more than ten persons on the average

Particulars	England and Wales and Northern Ireland	Scotland	United Kingdom
	No.	No.	No.
Number of returns received	133	16	149
Average number of persons employed :—			
Males... ..	645	78	723
Females	43	7	50
Total	688	85	773

THE BREWING AND MALTING TRADES

INTRODUCTORY

These trades comprise firms that were engaged wholly or mainly in the brewing of beer, ale, stout and porter and the manufacture of malt.

The information given for 1930 throughout the following Tables relates to Great Britain only, particulars of the small production in Northern Ireland not being available.

The figures for 1924 include the bottling departments owned by certain brewers that made separate returns for those departments at the 1930 and 1935 censuses (*see* the Wholesale Bottling Trade, page 223).

Table I A.—General summary

Particulars	1935	1930	1924
	£'000	£'000	£'000
Value of products (Gross output) ...	122,400	143,358	156,705
Cost of materials, fuel and electricity used	22,976	27,275	36,089
Amount paid for work given out ...	114	149	183
Estimated Excise duty ...	55,300	70,000	74,100
Net output ...	44,010	45,934	46,333
	No.	No.	No.
Average number of persons employed ...	55,809	61,391	65,439
	£	£	£
Net output per person employed ...	789	748	708
	No.	No.	No.
Number of returns ...	497	534	718
Number of establishments ...	592	1,099	*

* Not available.

Table I B.—Firms employing not more than ten persons on the average

Particulars	1935	1930	1924
	No.	No.	No.
Number of returns received ...	365	440	362
Average number of persons employed :—			
Males ...	1,581	1,794	1,580
Females ...	172	239	69
TOTAL ...	1,753	2,033	1,649
Number of firms not making returns ...	1	4	100

In 1924 the value of the gross output of the small firms making returns was 1.6 per cent. of the total.

Table II.—Size of establishments in 1935

Size of establishment (average number employed)	Number of establishments	Gross output	Net output	Number of persons employed	Net output per person employed
	No.	£'000	£'000	No.	£
11-24 ...	169	4,686	1,539	2,862	538
25-49 ...	154	10,360	3,409	5,493	621
50-99 ...	133	18,315	6,388	9,046	706
100-199 ...	79	24,502	8,139	10,763	756
200-299 ...	27	14,979	5,452	6,674	817
300-499 ...	10	8,015	2,872	3,607	796
500-749 ...	10	14,394	5,251	5,857	897
750-999 ...	4	9,170	3,623	3,397	1,067
1,000 and over ...	6	17,979	7,337	8,110	905
TOTAL ...	592	122,400	44,010	55,809	789

Table III.—Particulars of output, etc., in each of the principal areas of the United Kingdom

Area*	Number of establishments†	Gross output	Net output	Number of persons employed	Net output per person employed
	No.	£'000	£'000	No.	£
1 ...	82	29,097	10,685	13,416	796
2 ...	65	14,638	4,936	5,545	890
3 ...	66	9,522	3,496	4,334	807
4 ...	22	2,241	693	1,225	566
5 ...	44	25,187	9,414	9,921	949
6 ...	43	6,474	2,574	3,010	855
7 ...	13	1,469	489	774	632
8 ...	55	9,923	3,148	4,614	682
9 ...	47	5,500	2,134	2,953	723
10 ...	76	7,570	2,696	4,186	644
11 ...	7	436	116	232	501
6 to 11 ...	241	31,372	11,157	15,769	708
12 ...	18	2,306	793	1,096	724
13 and 18 ...	5	321	104	224	465
14 to 17 ...	49	7,716	2,732	4,279	638
TOTAL ...	592	122,400	44,010	55,809	789
	534	143,358	45,934	61,391	748

* For particulars *see* page xviii.

† Number of returns for 1930.

‡ Excluding Northern Ireland.

Table IV.—Sub-divisions of the industry

Firms engaged in	Number of establishments*	Gross output	Value of characteristic products	Net output	Number of persons employed	Net output per person employed
	No.	£'000	£'000	£'000	No.	£
Brewing only { 1935	222	43,277	40,183	14,607	18,289	799
{ 1930	236	57,666	53,916	19,095	22,054	866
Brewing and malting { 1935	247	74,845	71,375	28,136	34,204	823
{ 1930	205	80,095	75,835	25,152	35,272	713
Malting only (including commission malting) :—						
{ 1935	123	4,278	4,278	1,267	3,316	382
{ 1930	93	5,597	5,597	1,687	4,065	415
TOTAL { 1935	592	122,400	...	44,010	55,809	789
{ 1930	534	143,358	...	45,934	61,391	748

* Number of returns for 1930.

PRODUCTION

Table V A.—Total quantity of Malt made
(including output used for further manufacturing purposes in firms' own works)

Malt	1935		1930
	Quantity	Entries	Quantity
Made by firms in the Brewing and Malting Trade :—	Th. cwts.	No.	Th. cwts.
Brewers and Maltsters	4,046	187	5,967
Maltsters only*	5,113	73	5,998
Spirit Distilling Trade	1,032	47	†
Other trades	177	...	†
TOTAL	10,368	...	...

* Including maltsters working on commission.

† Information not available.

Information as to the purposes for which the malt output was used is not available for the year 1930, but the following particulars were furnished in respect of the year 1935. The figures relate to *deliveries* of malt in the year.

Malt used :—	Th. cwts.
For brewing	8,636
For distilling	1,019
For use in the manufacture of :—	
Vinegar	129
Malt extracts and human food preparations	575
For other purposes	190
TOTAL	10,549

The kinds of grain purchased and used in 1935 in the production of malt, including malt made on commission, were as follows, similar particulars for 1930 not being available:—

Barley :—	Th. cwts.
Home grown	8,672
Other Empire	1,084
Foreign	3,709
Total—Barley	13,465
Wheat	82*
Other grain	7

* Includes some grain other than barley or wheat.

Table V B.—Principal products made for sale

In the following table the values shown for beer, ale, etc., are inclusive of Excise duty on beer for home consumption and less drawback on beer for export.

Kind of output	1935			1930	
	Quantity	Value	Entries	Quantity	Value
	Th. bulk barrels*	£'000	No.	Th. standard barrels†	£'000
Beer, ale, stout and porter, brewed for home consumption	21,742	109,715	409	19,163	129,156
For export	134	483	22		
	Th. cwts.			Th. cwts.	
Malt	5,533	4,770	119	5,441‡	4,984
Malt flour	53	70	10	†	†
Grains, malt commings and other offals sold ... ..	...	557	444	...	706
Other products of the Brewing and Malting Trades	—	—	—	...	14
Malting done on commission ... ..	...	129§	39	...	175§
TOTAL—PRINCIPAL PRODUCTS ... ..	...	116,029	...	...	135,935

* Barrels of 36 gallons irrespective of gravity.

† Barrels of 36 gallons at a gravity of 1,055°.

‡ Not recorded separately.

§ Amount received.

The figures shown in the preceding table include the following output recorded by firms whose returns were made on schedules for other trades and are not, therefore, included in Table I A.

Kind of output	1935			1930	
	Quantity	Value	Entries	Quantity	Value
	Th. bulk barrels	£'000	No.	Th. cwts.	£'000
Beer, ale, stout and porter, brewed for home consumption	*	6	1	—	—
	Th. cwts.				
Malt	19	14	3	7	7
Malt flour	14	19	4	—	—
Grains, malt commings and other offals sold ... ..	...	31	10	...	4
TOTAL ... ..	...	70	...	...	11

* Less than 500.

Table VI.—Average values of goods produced, exported and imported

Kind of goods	Production (at factory)			Exports (f.o.b.)		Imports (c.i.f.)	
	Average value		1935 as a percentage of 1930	Average value		Average value	
	1935	1930		1935	1930	1935	1930
	£ per standard barrel*	£ per standard barrel	Per cent.	£ per standard barrel	£ per standard barrel	£ per standard barrel	£ per standard barrel
Beer, ale, stout and porter...	6.75†	6.74	100.2	4.89	5.04	3.45	3.58
Malt ...	0.86	0.92	94.1	0.82	0.82	0.93	0.91

* Estimated.

† The estimated average value of the beer, etc., brewed for export, was £3.77 per standard barrel.

Table VII.—Volume of Production, 1924-1935

Kind of output	Total production			Production index (1935 = 100)	
	1935 as returned	1930		1924	1930
		As returned	At 1935 average values		
	£'000	£'000	£'000	Per cent.	Per cent.
Beer, ale, stout and porter ...	110,503	129,156	129,355	124	117
Malt made for sale ...	4,770	4,984	4,690	106	98
Grains, malt commings and other offals...	557	706	706	178	127
Other principal products ...	70	14	14	...	...
Malting done on commission	129	175	175	131	136
TOTAL ...	116,029	135,035	134,940	123	116

Table VIII.—Production, Exports and Imports

Kind of goods	Production	Exports	Proportion of production exported	Retained imports	Available for use in the United Kingdom	Share of home market held by British goods
Beer, ale, stout and porter:—						
Th. bulk barrels 1935	21,961*	232	1.1	1,393	23,122	94.0
Th. standard barrels ... 1935	...	224	...	1,336	...	...
Th. standard barrels ... 1930	19,163	329	1.7	1,550	20,384	92.4
Th. cwts. Th. cwts.	Th. cwts.	Th. cwts.	Th. cwts.	Th. cwts.	Th. cwts.	Th. cwts.
Malt ... 1935	10,368	309	3.0	23	10,082	99.8
Malt ... 1930	...	356	...	42	...	...

* Including an estimate in respect of output returned by value only.

Table IX.—Other output of the Brewing and Malting Trades

The value of the gross output of the firms whose returns were made on schedules for the Brewing and Malting Trades was £122,400,000 in 1935 and £143,358,000 in 1930, of which £115,959,000 in 1935 and £135,024,000 in 1930 consisted of products included in Table V B. Particulars of the remaining items are shown below.

Kind of output	1935		1930	
	Quantity	Value	Quantity	Value
	Th. galls.	£'000	Th. doz. bottles	£'000
Table waters ...	2,314	284	2,158	224
Non-alcoholic drinks, brewed ...	94	8	...	11
Liquors purchased and bottled:—			Th. galls.	
Beer, ale, stout and porter ...	11,444	3,318	20,345	5,949
Spirits ...	487	1,666	161	568
Wines ...	580	492	121	137
Cider and perry ...	699	78	340	49
Unclassified liquors ...	...	37	...	219
Casks and barrels made or repaired ...	...	504	...	579
Malt extract ...	...	6	...	551*
Other goods ...	...	48	...	47
TOTAL ...	...	6,441	...	8,334

* Including some malt flour.

MATERIALS AND FUEL

Table X A.—Materials, fuel and electricity purchased and used

Kind of materials, etc.	1935		1930
	Quantity	Cost	Cost
Malt	Th. cwts.	£'000	£'000
Fuel and electricity used for all purposes :—	5,705	5,240	} 27,275
Coal	Th. tons	874	
Coke	711.0	50	
Heavy fuel oil	Th. galls.	57	
Purchased electricity	Th. B.T.U.	249	
All other purchased materials and fuel... ..	(Kw.-hrs.)	16,506	
	60,146		
TOTAL		22,976	27,275

Table X B.—Consumption of coal, coke and electricity

Kind of fuel	1935	1930
	Th. tons	Th. tons
Coal	711.0	793.8
Coke	34.0	27.1
Electricity :—	Th. B.T.U.	Th. B.T.U.
Generated in same works... ..	(Kw.-hrs.)	(Kw.-hrs.)
Purchased	5,111	6,255
	60,146	48,351
Total electricity consumed	65,257	54,606

Table X C.—Grain used in the Production of Malt

The following table shows the quantity and cost of the specified kinds of grain used in the production of malt made from purchased grain and the quantity used in the production of malt made on commission (see Table V A page 179).

Grain used	In the production of		
	Malt made from purchased grain		Malt made on commission
	Quantity	Cost	Quantity
Barley :—	Th. cwts.	£'000	Th. cwts.
Home grown	8,157	3,994	515
Other Empire	998	350	86
Foreign	3,473	1,440	236
Total—Barley	12,628	5,784	837
Wheat	77	23	} 5
Other grain	7	2	
TOTAL	12,712	5,809	842

EMPLOYMENT

Table XI A.—Average numbers employed

Persons employed	Males		Females		Total	
	Under 18	All ages	Under 18	All ages	Under 18	All ages
Operatives (average for the year)	1,915	40,589	360	3,357	2,275	43,946
Administrative, technical and clerical staff*	2,029	44,847	629	5,098	2,658	49,945
	538	10,628	88	1,235	626	11,863
	546	10,287	104	1,159	650	11,446
TOTAL	2,453	51,217	448	4,592	2,901	55,809
	2,575	55,134	733	6,257	3,308	61,391

* As at 12th October, 1935, and 18th October, 1930.

Table XI B.—Operatives employed in one week in each month of 1930 and 1935 by firms furnishing returns in respect of the twelve months ended December

Mid week of*	Operatives employed		Monthly index†	
	1930	1935	1930	1935
January... ..	13,825	16,293	113.7	98.1
February	13,686	16,205	112.6	97.6
March	13,664	16,233	112.4	97.8
April	13,755	16,359	113.2	98.5
May	13,782	16,676	113.4	100.4
June	13,805	16,599	113.6	100.0
July	13,759	16,481	113.2	99.3
August	13,904	16,799	114.4	101.2
September	13,901	16,724	114.4	100.7
October	13,850	16,757	113.9	100.9
November	13,814	16,874	113.6	101.6
December	14,010	17,220	115.3	103.7
Average for the twelve months	13,813	16,602	113.6	100.0
Proportion of total operatives represented	27.66	37.78	...	...

* For the ending date of each week see page xiv.

† Based on the estimated average for the year 1935.

Table XI C.—Average numbers employed, 1924-1935

Year	Operatives	Administrative, technical and clerical staff	Total
1924	53,190	12,249	65,439
1930	49,945	11,446	61,391
1935	43,946	11,863	55,809

WAGES

Table XII.—Wages paid by firms furnishing returns of wages

The aggregate amount of wages paid by firms furnishing returns of wages was £4,023,000 in 1935 representing 15.1 per cent. of the net output of these firms, the corresponding figures for 1930 being £5,072,000 and 16.3 per cent. The figures for these firms given below indicate the size of the sample and the extent to which it is representative.

Firms furnishing returns of wages	1935		1930	
	Aggregate	Proportion of trade	Aggregate	Proportion of trade
Gross output... ..	£'000	Per cent.	£'000	Per cent.
Net output	72,644	59.4	96,694	67.4
	26,683	60.6	31,160	67.8
Operative staff employed :—	No.		No.	
During mid-week of October :—				
Males	23,468	57.5	*	*
Females... ..	1,954	57.8		
Total	25,422	57.5	33,917	67.3
Average for the year	25,292	57.6	33,495	67.1
Administrative, technical and clerical staff	6,744	56.9	*	*
Number of establishments	297	50.2	...	...

* Not recorded separately.

COUNTRY TABLES (1935)

Note.—The figures given in the following tables relate only to firms whose returns were made on schedules for the Brewing and Malting Trades and the special schedule relating to the Malt Trade.

Owing to the possible disclosure of information relating to individual firms, separate particulars for Northern Ireland cannot be given.

Table I.—General summary

Particulars	Unit	England and Wales and Northern Ireland	Scotland	United Kingdom
Value of products (Gross output) ...	£'000	114,684	7,716	122,400
Cost of materials, fuel and electricity used	"	21,645	1,331	22,976
Amount paid for work given out	"	113	1	114
Estimated Excise duty	"	51,648	3,652	55,300
Net output	"	41,278	2,732	44,010
Average number of persons employed... ..	No.	51,530	4,279	55,809
Net output per person employed	£	801	638	789
Number of returns	No.	459	38	497
Number of establishments	"	543	49	592

Table II A.—Total quantity of Malt made

(including output used for further manufacturing purposes in firms' own works)

Malt	England and Wales and Northern Ireland		Scotland		United Kingdom	
	Quantity	Entries	Quantity	Entries	Quantity	Entries
	Th. cwts.	No.	Th. cwts.	No.	Th. cwts.	No.
Made by firms in the Brewing and Malting Trade :—						
Brewers and Maltsters ...	3,423	159	623	28	4,046	187
Maltsters only*... ..	4,715	68	398	5	5,113	73
Spirit Distilling Trade	133	5	899	42	1,032	47
Other trades	96	...	81	...	177	...
TOTAL	8,367	...	2,001	...	10,368	...

* Including maltsters working on commission.

The particulars given in the following table relate to *deliveries* of malt in the year.

Malt used	England and Wales and Northern Ireland	Scotland	United Kingdom
	Th. cwts.	Th. cwts.	Th. cwts.
For brewing	7,734	902	8,636
For distilling	68	951	1,019
For use in the manufacture of :—			
Vinegar	129	—	129
Malt extracts and human food preparations ...	464	111	575
For other purposes ...	135	55	190
TOTAL	8,530	2,019	10,549

Table II B.—Output made for sale

Kind of output	Unit	England and Wales and Northern Ireland	Scotland	United Kingdom
Beer, ale, stout and porter, brewed :—				
For home consumption ...	Th. bulk barrels	20,306	1,436	21,742
For export :—	£'000	103,020	6,689	109,709
Quantity stated	Th. bulk barrels	66	68	134
Quantity not stated	£'000	229	254	483
Malt	£'000	15	290	305
Malt flour	Th. cwts.	5,080	434	5,514
Grains, malt commings and other offals sold	£'000	4,419	337	4,756
Table waters... ..	Th. cwts.	*	*	39
Non-alcoholic drinks, brewed	£'000			51
Liquors purchased and bottled :—				
Beer, ale, stout and porter ...	Th. galls.	11,352	92	11,444
Spirits	£'000	3,291	27	3,318
Wines	Th. galls.	487	—	487
Cider and perry	£'000	1,666	—	1,666
Unclassified	Th. galls.	580	—	580
Malt extract	£'000	492	—	492
Casks and barrels made or repaired	Th. galls.	694	5	699
Other goods	£'000	77	1	78
Malting done on commission ...	£'000	37	—	37
	£'000	6	—	6
	£'000	442	62	504
	£'000	47	1	48
	£'000	*	*	129†
TOTAL—VALUE OF GOODS MADE AND WORK DONE	£'000	114,684	7,716	122,400

* Owing to the possible disclosure of information relating to individual firms, separate particulars cannot be given

† Amount received.

Table III A.—Materials, fuel and electricity purchased and used

Kind of materials, etc.	Unit	England and Wales and Northern Ireland	Scotland	United Kingdom
Malt	Th. cwts.	5,595	110	5,705
Fuel and electricity used for all purposes :—	£'000	5,158	82	5,240
Coal	Th. tons	640.8	70.2	711.0
Coke	£'000	813	61	874
Heavy fuel oil	Th. tons	29.1	4.9	34.0
Purchased electricity	£'000	42	8	50
All other purchased materials and fuel	Th. galls.	3,473	49	3,522
	£'000	56	1	57
	Th. B.T.U. (Kw.-hrs.)	56,518	3,628	60,146
	£'000	233	16	249
TOTAL	£'000	15,343	1,163	16,506
	£'000	21,645	1,331	22,976

Table III B.—Grain used in the production of malt

Grain used	England and Wales and Northern Ireland		Scotland		United Kingdom	
	Quantity	Cost	Quantity	Cost	Quantity	Cost
	Th. cwts.	£'000	Th. cwts.	£'000	Th. cwts.	£'000
Barley :—						
Home grown... (a)	6,949	3,494	1,208	500	8,157	3,994
(b)	*	...	*	...	515	...
Other Empire (a)	586	204	412	146	998	350
(b)	*	...	*	...	86	...
Foreign (a)	2,582	1,106	891	334	3,473	1,440
(b)	*	...	*	...	236	...
Total—Barley (a)	10,117	4,804	2,511	980	12,628	5,784
(b)	757	...	80	...	837	...
Wheat ... (a)	63	19	14	4	77	23
(b)	5†	...	—	—	5†	...
Other grain (a)	7	2	—	—	7	2
Total ... (a)	10,187	4,825	2,525	984	12,712	5,809
(b)	762	...	80	...	842	...

(a) Used in the production of malt made from purchased grain.

(b) Used in the production of malt made on commission.

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

† Includes some grain other than barley or wheat, separate particulars of which cannot be given owing to the risk of disclosure of information relating to individual firms.

Table III C.—Consumption of electricity

Electricity consumed	England and Wales and Northern Ireland	Scotland	United Kingdom
	Th. B.T.U. (Kw.-hrs.)	Th. B.T.U. (Kw.-hrs.)	Th. B.T.U. (Kw.-hrs.)
Generated in same works	4,795	316	5,111
Purchased	56,518	3,628	60,146
Total	61,313	3,944	65,257

Table IV A.—Numbers employed in week ended 12th October, 1935

Persons employed	Males		Females		Total	
	Under 18	All ages	Under 18	All ages	Under 18	All ages
England and Wales and Northern Ireland :—						
Operatives	1,753	37,772	314	3,070	2,067	40,842
Administrative, etc.*... ..	494	9,813	81	1,097	575	10,910
Total	2,247	47,585	395	4,167	2,642	51,752
Scotland :—						
Operatives	174	3,080	48	310	222	3,390
Administrative, etc.*... ..	44	815	7	138	51	953
Total	218	3,895	55	448	273	4,343
United Kingdom :—						
Operatives	1,927	40,852	362	3,380	2,289	44,232
Administrative, etc.*... ..	538	10,628	88	1,235	626	11,863
TOTAL	2,465	51,480	450	4,615	2,915	56,095

* Administrative, technical and clerical staff.

Table IV B.—Operatives employed in one week in each month of 1935

Week ended	Males and females		
	England and Wales and Northern Ireland	Scotland	United Kingdom
January 19	41,024	3,316	44,340
February 16... ..	40,720	3,308	44,028
March 16	40,607	3,242	43,849
April 13	40,599	3,293	43,892
May 18	40,429	3,332	43,761
June 15	39,787	3,348	43,135
July 13	39,695	3,250	42,945
August 17	40,102	3,261	43,363
September 14	40,229	3,307	43,536
October 12	40,842	3,390	44,232
November 16	41,365	3,418	44,783
December 14	42,035	3,450	45,485
Average for the twelve months	40,620	3,326	43,946

Table V.—Firms employing not more than ten persons on the average

Particulars	England and Wales and Northern Ireland	Scotland	United Kingdom
	No.	No.	No.
Number of returns received	338	27	365
Average number of persons employed :—			
Males... ..	1,437	144	1,581
Females	148	24	172
Total	1,585	168	1,753