

**ABSTRACT OF LABOUR STATISTICS.**

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**BOARD OF TRADE (LABOUR DEPARTMENT.)**

---

**NINTH ANNUAL**  
**ABSTRACT OF LABOUR STATISTICS**

OF THE



**UNITED KINGDOM.**

---

**1901-1902.**

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*Presented to Parliament by Command of His Majesty.*

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A. E. BATEMAN.

Labour Department,  
Board of Trade.

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**GENERAL SUMMARY OF SOME OF THE MORE IMPORTANT FIGURES  
CONDITIONS OF LABOUR IN THE**

	1902.	1901.	1900.	Page on which details will be found.
<b>I.—State of Employment.</b>				
Percentage of Members of Trade Unions returned as unemployed :—				
All Trades for which returns were received.	44	38	29	2
Building Trades .. .. .	42	37	25	2
Metal, Engineering, and Shipbuilding Trades.	56	58	26	3
Printing and Bookbinding Trades ..	48	45	42	3
Average number of days worked per week :—				
By Coal Mines .. .. .	522	512	547	6
By Iron Mines .. .. .	574	558	506	6
Average number of Furnaces (Pig Iron) in Blast.				
	348	336	403	7
Iron and Steel Works. { Mean number of Workpeople employed at 191 Works.				
	74,076	75,897	77,580	8
Average number of shifts worked per man per week.				
	532	533	542	8
Mean number of Tinplate Mills working.				
	397	343	384	9
London Docks and Principal Wharves :—				
Mean daily number of labourers employed.	14,716	16,454	15,530	9
Percentage of Women and Girls employed at Mills giving full employment :—				
Cotton Spinning .. .. .	87.0	83.8	83.1	10
Cotton Weaving .. .. .	79.6	69.6	77.6	10
Woollen and Worsted Trades .. ..	68.3	77.3	72.6	10
<b>II.—Production.</b>				
Coal ... .. . tons	227,095,042	219,046,945	225,181,800	16
Iron Ore ... .. . tons	13,426,217	12,275,198	14,028,208	18
Pig Iron ... .. . tons	8,679,535	7,928,647	8,959,691	19
Steel Ingots ... .. . tons	4,909,067	4,904,044	4,901,054	20
Puddled Iron Bars ... .. . tons	938,278	974,385	1,162,765	20
Ships built and launched :—				
Merchant Vessels and Foreign War Ships. } .. tons net	950,425	963,133	944,267	21
Royal Navy .. .. . tons displacement	91,406	210,698	37,783	24
Principal Corn Crops ... .. bushels	329,711,581	292,916,613	299,545,858	25
<b>III.—Changes in Rates of Wages.</b>				
Number of separate Individuals affected by Changes of Wages.	890,356	932,126	1,135,786	48
Net Rise (+) or Fall (—) in weekly wages. { All Trades .. .. .				
	- £72,701	- £77,343	+ £209,373	48
	+ £226	+ £1,943	+ £28,640	49
	- £73,318	- £32,635	+ £168,362	49
	- £1,545	- £21,121	+ £16,285	49

\* Some of the 1902 figures for Industrial Accidents are preliminary and subject to correction in the Annual Reports.

**IN THE ABSTRACT OF LABOUR STATISTICS RELATING TO THE YEARS 1902, 1901, AND 1900.**

	1902.	1901.	1900.	Page on which details will be found.
<b>IV.—Changes in Hours of Labour.</b>				
Number of separate Individuals affected by Changes in Hours of Labour.	1,057,507	29,276	57,726	56
Net Decrease in Weekly Hours of Labour	1,024,868	58,728	238,043	56
<b>V.—Prices.</b>				
	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	
Coal.—Northumberland ... { <i>per ton at pit's mouth.</i> }	7 5	8 9·3	10 3·6	84
Pig Iron—Cleveland ... { <i>per ton</i> }	46 10·2	47 2·1	68 1·4	84
Manufactured Iron :—				
North of England .. .. . <i>per ton</i>	124 5·8	136 0·4	150 0·1	84
Midlands .. .. .	138 4·4	143 5·0	188 5·9	84
Wheat ... .. . <i>per Imperial quarter</i>	28 1	26 9	26 11	85
<b>VI.—Trade Disputes.</b>				
Number of Persons affected by Disputes	256,667	179,546	188,538	88
Aggregate Duration of Disputes in Working Days.				
{ All Trades .. .. .	3,479,255	4,142,287	3,152,694	88
{ Building Trades .. .. .	115,890	674,848	728,626	88
{ Mining and Quarrying .. .. .	2,550,047	2,068,113	552,932	88
{ Metal, Engineering, and Shipbuilding Trades.	420,362	601,563	349,130	88
Percentage of workpeople <i>directly</i> involved in Disputes the Results of which were				
{ In favour of—Employers	30·4	33·8	24·8	92
{ Workpeople	31·8	27·4	30·1	92
{ Compromised	35·7	36·8	41·7	92
<b>VII.—Industrial Accidents.*</b>				
Number of Deaths reported.				
{ All Industries reported on .. .. .	4,515	4,622	4,753	102
{ Factory Operatives .. .. .	837	799	802	102
{ Miners .. .. .	1,063	1,131	1,050	102
{ Seamen (Merchant Vessels) .. .. .	1,397	1,514	1,436	102
{ Railway Servants .. .. .	468	539	612	102
<b>VIII.—Workmen's Organisations.</b>				
Trade Unions.				
{ Membership of all Unions .. .. .	†	1,922,790	1,910,614	121
{ Funds of 100 principal Unions .. .. .	†	£4,161,916	£3,756,060	121
Co-operative Societies.				
{ Membership .. .. .	†	1,871,040	1,778,799	145
{ Sales .. .. .	†	£20,198,664	£75,523,900	145
{ Value of Productions .. .. .	†	£13,201,709	£12,183,279	153
<b>IX.—British and Irish Emigration and Immigration.</b>				
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Number of British and Irish Immigrants from places out of Europe.	104,115	99,699	97,637	180

† Cannot be stated at time of going to press.



# ABSTRACT OF LABOUR STATISTICS.

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## FLUCTUATIONS IN EMPLOYMENT.

## FLUCTUATIONS

## PERCENTAGE PROPORTION OF MEMBERS

[Compiled from Returns furnished to

At end of	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.	1900	1901.	1902.
<b>All Trade Unions Making Returns.</b>															
January ..	Per cent. 7'8	Per cent. 3'1	Per cent. 1'4	Per cent. 3'4	Per cent. 5'0	Per cent. 10'0	Per cent. 7'0	Per cent. 8'2	Per cent. 4'5	Per cent. 3'3	Per cent. 5'0	Per cent. 3'0	Per cent. 2'7	Per cent. 4'0	Per cent. 4'4
February..	7'0	2'8	1'4	3'6	5'7	9'5	6'3	7'9	3'8	3'0	4'4	2'6	2'9	3'9	4'3
March ..	5'7	2'2	1'7	2'8	5'7	8'7	6'5	6'5	3'5	2'5	3'1	2'5	2'3	3'6	3'7
April ..	5'2	2'0	2'0	2'7	5'4	6'9	6'1	6'5	3'2	2'5	2'9	2'2	2'5	3'8	3'9
May ..	4'8	2'0	2'0	3'0	5'9	6'2	6'3	6'0	3'3	2'3	2'7	2'5	2'4	3'6	4'0
June ..	4'6	1'8	1'9	2'9	5'2	5'8	6'3	5'6	3'2	2'7	2'6	2'3	2'6	3'5	4'2
July ..	3'9	1'7	2'3	3'3	5'0	6'2	7'4	5'3	3'1	2'7	2'6	2'3	2'7	3'4	4'0
August ..	4'8	2'5	2'3	4'2	5'1	7'1	7'7	5'2	3'4	3'5	2'8	2'3	3'0	3'9	4'5
September	4'4	2'1	2'6	4'5	6'2	7'3	7'6	4'9	3'6	4'4	2'6	2'4	3'6	3'7	5'0
October ..	4'4	1'8	2'6	4'4	7'3	7'3	7'4	4'9	3'3	4'7	2'5	2'3	3'3	3'7	5'0
November	3'1	1'5	2'4	3'8	8'3	7'2	7'0	4'3	2'9	4'8	2'3	2'2	3'2	3'8	4'8
December	3'3	1'7	3'0	4'4	10'2	7'9	7'7	4'8	3'2	5'3	2'9	2'5	4'0	4'6	5'5
Yearly } Mean. }	4'9	2'1	2'1	3'5	6'3	7'5	6'9	5'8	3'4	3'5	3'0	2'4	2'9	3'8	4'4
<b>Building Trades (Carpenters and Plumbers only*).</b>															
January ..	8'4	6'0	3'3	5'0	3'3	6'1	7'3	8'2	3'7	2'4	2'0	1'7	2'7	4'7	5'0
February..	10'1	6'7	3'0	5'5	3'8	5'0	4'4	10'1	2'5	2'0	1'7	1'5	3'1	5'2	5'9
March ..	10'7	6'4	3'0	3'0	4'4	3'8	3'8	4'9	2'6	1'2	1'6	1'6	2'6	4'7	4'1
April ..	8'5	4'7	2'8	2'8	4'5	2'5	3'1	3'3	1'5	1'0	1'1	1'3	2'2	3'4	3'5
May ..	5'2	3'7	2'0	1'5	2'8	2'5	3'6	2'5	1'6	0'8	1'2	1'3	1'9	3'1	3'1
June ..	3'5	1'9	1'6	2'5	2'3	2'6	3'8	2'5	1'5	1'5	1'2	1'5	2'0	3'3	3'4
July ..	2'8	1'7	1'8	1'9	2'3	2'6	3'6	2'4	1'8	1'3	1'0	1'1	1'8	3'0	3'5
August ..	3'3	1'7	2'0	1'1	2'1	2'8	3'2	1'8	1'1	1'2	0'9	1'2	1'8	2'7	3'4
September	3'4	1'5	1'5	1'9	2'1	3'1	3'6	1'6	1'3	1'4	0'9	1'3	2'1	2'9	3'8
October ..	3'3	1'5	1'4	1'3	2'4	3'9	3'8	1'9	0'9	1'7	0'9	1'1	2'5	3'1	4'4
November	3'2	1'6	1'5	1'4	3'2	4'0	4'2	2'1	0'9	1'6	1'1	1'5	3'3	3'5	4'6
December	3'3	1'7	1'9	1'5	3'0	6'5	5'7	3'8	2'1	2'8	1'8	2'5	4'2	5'2	5'9
Yearly } Mean. }	5'5	3'3	2'2	2'5	3'0	3'8	4'1	3'8	1'8	1'6	1'3	1'5	2'5	3'7	4'2

\* The other trade unions connected with the building trades do not, as a rule, pay of their members



**IN EMPLOYMENT.  
OF TRADE UNIONS UNEMPLOYED.**

*the Department by Trade Unions.]*

At end of	1893.	1893.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.	1900.	1901.	1902.
<b>Metal, Engineering, and Shipbuilding Trades.</b>															
	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.
January ..	9'2	3'3	1'8	3'2	5'5	12'0	10'7	11'4	5'7	3'5	7'7	3'0	2'2	4'1	4'7
February..	7'8	2'8	1'8	3'5	6'1	11'6	9'7	10'7	4'7	3'1	7'0	2'5	2'4	3'8	4'7
March ..	6'5	2'6	1'2	2'8	7'2	10'8	10'5	9'2	4'1	2'9	4'5	3'6	2'3	3'2	4'1
April ..	5'9	2'0	1'6	3'1	7'5	10'4	10'1	8'7	3'8	2'9	4'0	2'2	2'3	3'7	4'7
May ..	5'8	2'2	1'7	3'4	7'2	10'5	10'0	8'1	3'8	2'5	3'2	2'4	2'1	3'1	5'0
June ..	5'5	2'6	2'1	3'7	7'0	10'0	9'9	7'8	3'7	2'9	3'1	2'1	2'4	3'4	5'5
July ..	6'7	2'1	2'2	3'4	7'3	10'7	12'0	7'5	3'7	3'4	3'3	2'2	2'4	3'2	4'8
August ..	5'3	1'9	2'6	4'3	7'1	11'4	12'5	7'3	4'1	4'8	3'3	2'3	2'6	3'6	5'0
September	5'4	2'1	2'6	5'2	7'3	12'2	12'4	7'2	4'7	6'7	3'1	2'3	2'7	3'6	6'3
October ..	5'3	2'7	3'3	5'5	8'7	12'2	12'3	7'6	4'2	7'9	3'0	2'5	2'8	3'8	6'7
November	4'5	1'6	3'1	6'1	10'5	12'4	11'5	6'4	3'8	8'0	2'6	2'3	3'5	4'4	6'8
December	3'6	1'4	3'0	5'3	11'1	12'6	12'3	6'7	3'9	8'7	3'2	2'5	3'9	5'5	7'9
Yearly Mean. }	6'0	2'3	2'2	4'1	7'7	11'4	11'2	8'2	4'2	4'8	4'0	2'4	2'6	3'8	5'5
<b>Printing and Bookbinding Trades.</b>															
	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.
January ..	0'7	1'5	1'8	3'7	4'6	3'8	6'1	5'3	5'4	4'8	4'9	4'4	4'2	4'1	5'4
February..	2'3	3'3	1'9	3'0	5'0	3'3	5'7	4'8	4'9	4'4	3'6	3'5	4'3	3'7	4'5
March ..	2'1	1'5	1'6	1'8	2'9	2'8	5'4	4'9	4'6	3'6	3'0	3'3	3'6	3'7	3'4
April ..	2'0	1'2	1'6	4'8	2'9	2'6	4'9	5'4	4'4	3'7	3'1	3'0	4'1	4'1	4'1
May ..	2'0	1'6	0'8	2'3	2'3	2'6	6'0	5'6	4'8	3'4	3'6	3'9	4'4	5'2	4'7
June ..	1'4	1'6	1'9	2'7	3'4	2'8	6'4	5'5	4'8	4'4	3'8	4'0	4'6	4'9	4'6
July ..	1'7	2'7	1'7	4'3	3'2	3'0	6'1	4'1	3'8	3'1	3'0	3'9	3'9	4'0	4'4
August ..	4'3	2'6	2'5	4'3	4'3	6'3	7'5	6'7	5'6	5'3	4'6	5'9	5'6	6'5	6'0
September	4'4	4'1	5'0	3'0	4'3	6'3	6'5	5'7	5'0	5'4	4'6	5'1	4'2	5'6	6'2
October ..	4'2	6'7	4'1	7'0	7'7	5'2	5'1	3'8	3'4	3'5	3'3	3'5	4'5	4'6	4'9
November	3'0	2'7	1'8	4'3	6'3	3'8	3'7	2'5	2'3	2'5	2'4	2'2	2'8	2'6	3'0
December	0'9	0'9	2'0	1'7	3'7	6'0	4'5	4'1	3'0	3'1	3'9	3'5	4'4	4'7	3'7
Yearly Mean. }	2'4	2'5	2'2	4'0	4'3	4'1	5'7	4'9	4'3	3'9	3'7	3'9	4'2	4'5	4'6

unemployed benefit, and consequently do not keep an exact record of the number out of work.

## FLUCTUATIONS IN EMPLOYMENT.

## EMPLOYMENT IN COAL MINES.

[Compiled from the Annual Reports on Mines and Quarries issued by the Home Office and from Statistics relating to Coal Mining (H.C. 197 of 1903).]

Year.	United Kingdom.	Principal Coal Districts.						
		Yorkshire.	Lancashire and Cheshire.	Midlands.*	South Wales and Monmouth.	Durham.	Northumberland.	West of Scotland.
(A.)—NUMBER OF MINERS EMPLOYED IN MINES UNDER THE COAL MINES REGULATION ACT.†								
1887	526,277	72,672	67,646	96,552	86,915	75,908	26,705	51,640
1888	549,184	72,772	68,064	100,018	91,423	78,772	26,202	51,909
1889	581,809	76,489	70,574	105,194	99,428	81,312	27,641	52,340
1890	632,389	83,376	76,479	113,626	109,935	86,799	30,041	57,091
1891	667,983	88,140	80,926	119,496	116,624	92,588	30,816	60,080
1892	683,642	91,998	84,029	123,129	117,713	92,170	31,966	63,908
1893	683,008	93,881	86,658	126,023	117,969	99,487	32,219	65,451
1894	705,249	96,789	88,063	131,220	124,655	102,807	33,698	67,901
1895	709,284	94,853	87,255	128,849	126,199	102,550	33,083	67,611
1896	692,684	96,263	83,780	128,713	125,205	104,015	33,259	64,046
1897	695,213	96,513	84,250	128,197	126,802	104,452	33,639	64,004
1898	706,894	93,212	83,386	131,041	128,813	105,104	35,002	66,127
1899	729,009	102,157	83,440	135,920	132,682	108,060	37,331	68,769
1900	739,052	107,901	87,976	144,549	147,652	112,835	39,728	73,400
1901	806,735	111,810	92,791	151,894	150,412	113,934	41,145	75,732
1902	824,791	114,639	93,387	157,501	154,571	117,017	41,867	75,412
(B.)—NUMBER OF PERSONS EMPLOYED IN AND ABOUT COAL MINES.								
1890‡	678,699	89,639	83,763	127,935	125,142	104,015	33,259	61,994
1897	681,531	89,806	84,233	127,539	126,740	104,452	33,639	62,177
1898	693,661	91,260	83,366	130,364	128,813	105,069	35,002	64,390
1899	715,205	94,959	83,420	135,059	132,682	108,060	37,331	67,013
1900	766,901	100,828	87,944	144,038	147,652	112,825	39,728	71,984
1901	792,648	105,283	92,791	150,913	150,394	113,934	41,145	73,193
1902	810,787	107,755	93,387	156,580	154,571	117,006	41,860	72,916

\* Staffordshire, Nottinghamshire, Leicestershire, Worcestershire, Shropshire, Derbyshire, and Warwickshire.

† Including persons employed in and about coal, fireclay, stratified ironstone and shale mines.

‡ The first year for which figures relating to coal mines can be stated separately.

FLUCTUATIONS IN EMPLOYMENT.

DAYS WORKED PER WEEK BY COAL MINES.\*

[Compiled from Returns furnished to the Department.]

(A.)—United Kingdom, 1895—1902.

Month.	1895.	1896.	1897.	1898.	1899.	1900.	1901.	1902.
January ..	4'70	4'94	5'15	5'06	5'16	5'13	4'80	5'26
February ..	5'00	4'91	5'34	5'24	5'63	5'69	5'19	5'39
March ..	4'93	4'81	5'14	5'29	5'62	5'67	5'30	5'35
April ..	4'46	4'69	4'84	4'98	5'24	5'19	4'91	4'90
May ..	4'57	4'88	5'20	5'38	5'64	5'63	5'23	4'89
June ..	4'23	4'58	4'82	4'95	5'42	5'18	4'71	5'17
July ..	4'53	4'83	4'95	5'13	5'25	5'53	4'83	4'82
August ..	4'71	5'00	4'92	5'19	5'23	5'43	4'91	4'94
September ..	4'80	4'89	5'24	5'37	5'46	5'65	5'36	5'35
October ..	5'05	5'02	5'37	5'44	5'58	5'63	5'36	5'52
November ..	5'06	5'31	5'32	5'46	5'64	5'45	5'33	5'51
December ..	4'88	5'16	5'31	5'54	5'65	5'46	5'46	5'51
Mean for Year	4'74	4'92	5'13	5'25	5'46	5'47	5'12	5'22

(B.)—Yearly Averages by Districts, 1895—1902.

Year.	York-shire.	Lan-cashire and Ches-hire.	Derby-shire.	Nott-ingham and Leices-ter.	Staf-ford-shire.	South Wales and Mon-mouth.	Dur-ham.	North-umber-land.	West Scot-land.	Fife.	Other Dis-tricts in United King-dom.
1895	4'50	4'63	4'28	4'11	4'28	5'17	5'12	4'69	5'06	5'06	4'70
1896	4'78	4'90	4'88	3'95	4'65	5'28	5'23	4'79	5'21	4'62	4'84
1897	5'12	5'03	4'81	4'11	4'98	5'47	5'36	5'09	5'37	5'20	5'14
1898	5'26	5'23	5'07	4'52	5'04	.. †	5'45	5'18	5'32	5'25	5'48
1899	5'55	5'43	5'39	4'84	5'39	5'75	5'53	5'32	5'23	5'25	5'55
1900	5'87	5'42	5'53	5'04	5'39	5'61	5'53	5'35	5'33	5'29	5'53
1901	4'99	4'95	5'04	4'60	4'84	5'31	5'33	5'20	5'14	5'05	5'23
1902	5'00	5'02	5'12	4'77	5'07	5'64	5'38	5'25	5'17	5'22	5'33

(C.)—Monthly Averages by Districts, 1902.

Month.	York-shire.	Lan-cashire and Ches-hire.	Derby-shire.	Nott-ingham and Leices-ter.	Staf-ford-shire.	South Wales and Mon-mouth.	Dur-ham.	North-umber-land.	West Scot-land.	Fife.	Other Dis-tricts in United King-dom.
1902.											
January ..	5'42	5'01	5'55	5'09	5'36	5'75	5'27	5'03	4'53	4'07	5'41
February ..	5'46	5'36	5'57	5'16	5'38	5'80	5'24	4'93	5'38	5'13	5'54
March ..	5'42	5'23	5'26	4'88	5'29	5'87	5'41	5'06	5'30	5'05	5'32
April ..	4'66	4'75	4'88	4'24	4'74	5'12	5'15	5'04	5'15	5'30	4'91
May ..	4'60	4'60	4'34	4'08	4'55	5'29	5'24	5'19	5'17	5'60	4'82
June ..	4'90	4'91	4'81	4'50	4'89	5'85	5'41	5'27	5'22	5'13	5'23
July ..	4'13	4'72	4'40	3'60	4'31	5'61	5'37	5'33	4'45	4'78	5'03
August ..	4'51	4'64	4'65	4'62	4'36	5'19	5'29	5'26	5'21	5'59	5'06
September ..	4'94	4'98	5'37	5'31	5'18	5'74	5'52	5'46	5'34	5'53	5'52
October ..	5'33	5'29	5'67	5'43	5'58	5'84	5'52	5'45	5'36	5'51	5'68
November ..	5'26	5'34	5'50	5'19	5'57	5'83	5'54	5'47	5'45	5'33	5'71
December ..	5'40	5'38	5'63	5'17	5'58	5'69	5'57	5'47	5'46	5'52	5'66

\* The figures in the tables show, for each period, the average number of days per week on which coal was hewn and wound at collieries included in the returns received. The monthly returns relate to periods of four complete weeks and not to calendar months.

† During about six months of the year the great majority of the collieries in the district were idle in consequence of a dispute.

## FLUCTUATIONS IN EMPLOYMENT.

## DAYS WORKED PER WEEK BY IRON MINES.\*

[Compiled from Returns furnished to the Department.]

## (A.)—Monthly and Yearly Averages, United Kingdom, 1896-1902.

Month.	1896.	1897.	1898.	1899.	1900.	1901.	1902.
January .. ..	5'70	5'72	5'59	5'49	5'95	5'20	5'53
February .. ..	5'88	5'86	5'79	5'86	5'55	5'39	5'74
March .. .. .	5'78	5'82	5'89	5'89	5'71	5'65	5'79
April .. .. .	5'65	5'66	5'62	5'59	5'64	5'57	5'67
May .. .. .	5'78	5'87	5'76	5'83	5'79	5'85	5'72
June .. .. .	5'59	5'72	5'88	5'86	5'64	5'65	5'88
July .. .. .	5'70	5'78	5'71	5'72	5'62	5'68	5'68
August .. .. .	5'62	5'65	5'76	5'74	5'65	5'62	5'69
September .. ..	5'78	5'79	5'82	5'83	5'80	5'76	5'81
October .. .. .	5'73	5'88	5'73	5'80	5'73	5'75	5'78
November .. ..	5'84	5'84	5'80	5'79	5'74	5'72	5'81
December .. ..	5'65	5'68	5'82	5'75	5'83	5'77	5'76
Mean for Year ..	5'72	5'76	5'75	5'76	5'65	5'58	5'74

## (B.)—Yearly Averages by Districts, 1896-1902.

Year.	Cumber-land and Lanca-shire.	York-shire (Cleve-land).	Lincoln-shire and Leicester-shire.	North-ampton-shire.	Stafford-shire and Shrop-shire.	Scotland.	Other Districts in United Kingdom.
1896	5'84	5'79	5'61	5'54	5'10	5'68	5'68
1897	5'88	5'76	5'81	5'70	5'27	5'75	5'74
1898	5'86	5'79	5'82	5'79	5'38	5'31	5'64
1899	5'85	5'71	5'82	5'87	5'59	5'70	5'65
1900	5'73	5'60	5'77	5'82	5'49	5'69	5'67
1901	5'73	5'53	5'04	5'64	5'32	5'60	5'80
1902	5'86	5'74	5'77	5'82	5'18	5'72	5'78

## (C.)—Monthly Averages by Districts, 1902.

Month.	Cumber-land and Lanca-shire.	York-shire (Cleve-land).	Lincoln-shire and Leicester-shire.	North-ampton-shire.	Stafford-shire and Shrop-shire.	Scotland.	Other Districts in United Kingdom.
<b>1902.</b>							
January ..	5'79	5'48	5'77	5'79	4'80	5'25	5'98
February ..	5'62	5'67	5'54	5'85	5'36	5'78	5'86
March ..	5'93	5'80	5'31	5'90	5'35	5'62	5'78
April ..	5'75	5'70	5'77	5'59	5'05	5'85	5'63
May ..	5'75	5'77	5'99	5'75	5'08	5'86	5'69
June ..	5'93	5'81	5'72	5'74	5'59	5'86	5'80
July ..	5'91	5'71	5'71	5'91	5'17	4'90	5'81
August ..	5'79	5'83	5'92	5'85	4'71	5'21	5'88
September ..	5'91	5'86	5'97	5'77	4'74	5'00	5'77
October ..	5'90	5'72	5'96	5'86	5'37	5'86	5'79
November ..	5'88	5'75	5'96	5'85	5'67	5'09	5'72
December ..	5'89	5'64	5'95	5'93	5'42	5'00	5'87

\* The figures in the tables show for each period the number of days per week on which iron ore was got and drawn at mines and open works included in the returns received. The monthly returns relate to periods of four complete weeks and not to calendar months.

FLUCTUATIONS IN EMPLOYMENT.

7

PIG IRON INDUSTRY—NUMBER OF FURNACES IN BLAST.

[Compiled from the Annual Reports on Mines and Quarries issued by the Home Office.]

The figures for 1902 are preliminary only and subject to revision.

Year.	Average Number of Furnaces in Blast.										Average Out-put per Furnace in the United Kingdom.
	ENGLAND AND WALES.								SCOTLAND.	TOTAL UNITED KINGDOM.	
	Cumberland and Lancashire.	Durham and Yorkshire (N. Riding.)	W. Riding of Yorkshire.	Lincolnshire and Leicestershire.	Midlands.	Glamorgan and Monmouth.	Other Districts.	Total England and Wales.			
1886	54	93	16	15	86	31	8	313	86	399	Tons. 17,568
1887	62	93	16	15	94	33	8	321	84	405	18,665
1888	56	95	19	17	105	30	9	340	85	425	18,831
1889	59	99	21	20	116	36	10	361	84	445	18,703
1890	59	100	19	16	110	35	10	349	65	414	19,092
1891	47	90	18	15	104	31	8	313	63	376	19,697
1892	44	72	21	16	100	25	7	265	77	362	18,534
1893	41	86	14	13	81	23	6	263	64	327	21,336
1894	40	92	14	17	83	22	4	273	52	324	22,853
1895	37	91	11	17	86†	21	5	268	76	344	22,394
1896	43	95	17	17	92†	25	4	293	80	373	23,216
1897	44	95°	19	18	96†	24	5	301	80	381	23,149
1898	48	95°	18	17	100†	17	5	300	78	378	22,777
1899	52	97°	19	20	106†	28	5	326	85	411	22,923
1900	50	95°	18	19	102†	29‡	5	318	85	403	22,232
1901	42	79°	15	14	81†	19‡	3	253	83	336	23,591
1902	42	79°	16	17	86†	22‡	..	262	86	348	24,935

° Including Northumberland. In 1900, 1901 and 1902 no furnaces were returned as in blast in Northumberland.

† Including Wiltshire, which in previous years was included under "Other Districts." In 1902 no furnaces were returned as in blast in Wiltshire.

‡ Including Denbigh and Flint, which in previous years were included under "Other Districts."

## EMPLOYMENT AT IRON AND STEEL WORKS.\*

[Compiled from Returns furnished to the Department by the owners of 191 Iron and Steel Works in the United Kingdom.]

Month.	Number of Workpeople employed in the last week of month by establishments making returns.				
	1898.	1899.	1900.	1901.	1902.
January ... ..	72,082	75,637	77,709	75,503	75,025
February ... ..	72,533	75,983	77,791	75,952	75,320
March ... ..	72,836	75,893	78,741	75,429	74,758
April ... ..	70,055	76,106	78,521	74,931	73,861
May ... ..	71,022	75,937	78,638	74,972	74,232
June ... ..	71,093	75,860	78,622	75,092	74,851
July ... ..	70,612	76,199	77,179	75,730	74,998
August ... ..	71,517	76,342	78,092	76,748	74,800
September ... ..	73,718	77,113	76,819	76,920	73,723
October ... ..	74,459	77,783	77,201	77,503	73,742
November ... ..	74,078	77,941	75,871	76,534	72,323
December ... ..	74,449	78,163	75,538	75,455	71,277
Mean for Year ... ..	72,371	76,580	77,560	75,897	74,076
Average Number of Shifts Worked per man per week.	5.54	5.56	5.42	5.33	5.32
Aggregate Number of Shifts Worked per week.	400,935	425,785	420,375	404,531	394,084

\* Including iron puddling and rolling, and steel making and rolling.

FLUCTUATIONS IN EMPLOYMENT.

9

EMPLOYMENT AT TINPLATE WORKS.

[Compiled from Returns furnished to the Department relating to all works in the United Kingdom known to be engaged in the manufacture of tin plates and black plates for tinning.]

Month.	Number of Tinplate Mills working at end of Month.						
	1896.	1897.	1898.	1899.	1900.	1901.	1902.
January ...	319	348	355	318	421	295	390
February ...	337	355	338	356	419	278	386
March ...	306	335	335	348	420	296	395
April ...	301	325	310	354	413	328	405
May ...	303	313	325	380	412	347	407
June ...	320	299	325	380	401	347	398
July ...	324	295	288	393	358	347	399
August ...	326	299	290	396	349	349	402
September ...	324	295	306	408	359	378	395
October ...	341	328	321	415	360	380	402
November ...	276	344	340	412	356	393	395
December ...	339	340	335	414	342	377	387
<b>Mean for Year</b>	<b>318</b>	<b>323</b>	<b>322</b>	<b>381</b>	<b>384</b>	<b>343</b>	<b>397</b>

LONDON DOCK AND WHARF LABOUR.

[Compiled from Returns furnished by Dock Companies and Wharfingers, and by the Shipping Federation.]

Calendar Month.	Estimated Daily Average Number of Dock and Wharf Labourers employed at all the Docks and at the principal Wharves in London.					
	1897.	1898.	1899.	1900.	1901.	1902.
January ...	16,499	16,233	15,491	15,717	17,574	16,350
February ...	15,062	14,017	13,730	14,120	16,848	14,247
March ...	14,933	14,380	13,652	14,968	16,227	14,159
April ...	14,878	14,372	13,973	14,170	16,236	14,054
May ...	14,193	14,232	14,363	14,063	15,972	14,572
June ...	15,107	13,532	13,759	14,064	16,254	14,659
July ...	15,465	14,061	14,559	14,854	16,675	14,926
August ...	14,754	13,810	14,517	15,060	16,448	14,199
September ...	15,337	14,982	15,537	15,920	16,360	14,556
October ...	16,047	15,728	16,246	17,620	16,679	15,235
November ...	16,250	15,776	16,720	18,564	15,933	15,085
December ...	16,082	15,880	16,316	17,233	16,248	14,551
<b>Daily Mean Number for Year...</b>	<b>15,384</b>	<b>14,750</b>	<b>14,905</b>	<b>15,530</b>	<b>16,454</b>	<b>14,716</b>

**EMPLOYMENT OF WOMEN AND GIRLS IN THE TEXTILE  
TRADES.**

[ *Compiled from Returns furnished to the Department by Women Correspondents.* ]

Year and Month.	Cotton Trade.		Woollen and Worsted Trades.	Total—Cotton, Woollen and Worsted Trades.
	Spinning Mills.	Weaving Factories.		
Number of women and girls ordinarily employed in Mills and Factories to which returns relate.				
1902				
January ...	27,180	52,050	18,310	97,540
February ...	27,540	52,170	19,970	99,680
March ...	27,200	52,420	20,880	100,500
April ...	29,880	59,120	20,000	109,000
May ...	29,130	59,800	18,370	107,300
June ...	28,860	57,050	18,850	104,760
July ...	30,040	60,500	17,980	108,470
August ...	26,230	59,720	19,320	105,270
September ...	23,670	53,290	18,020	99,980
October ...	24,780	59,550	17,420	101,750
November ...	26,480	65,870	17,100	109,450
December ...	24,790	66,620	16,760	108,170
Percentage of such women and girls employed in Mills and Fac- tories which gave full employment throughout the month.				
1902.				
January ...	93	75	57	77
February ...	92	79	77	82
March ...	88	77	92	83
April ...	80	84	93	85
May ...	83	86	97	87
June ...	84	83	98	86
July ...	89	81	88	84
August ...	85	72	92	79
September ...	82	79	92	82
October ...	89	79	91	84
November ...	85	82	93	84
December ...	94	78	90	84
Mean percentage for 1902				
	87·0	79·6	88·3	83·1
1901	83·8	69·6	77·3	74·7
1900	83·1	77·6	72·6	78·2
1899	95·9	90·3	90·1	91·7
1898	89·3	74·0	68·8	76·9



## LABOUR BUREAUX.

[Compiled from returns furnished to the Department by the Bureaux.]

[NOTE.—For particulars of work done by Labour Bureaux exclusively for women, see Table on pages 14-15.]

### WORK DONE BY BUREAUX.\*

Month.	1898.	1899.	1900.	1901.	1902.	1898.	1899.	1900.	1901.	1902.
	<b>Number of Fresh Applications for Work during each Month.</b>					<b>Number of Situations Offered by Employers during each Month.</b>				
January ..	1,287	1,080	1,271	1,553	1,543	412	468	411	876	1,063
February ..	1,241	1,004	1,070	1,361	1,504	409	441	385	780	861
March .. ..	1,305	1,002	1,031	1,498	1,346	504	479	449	960	906
April .. ..	922	925	961	1,228	1,485	560	426	431	765	1,186
May .. ..	986	947	1,209	1,466	1,850	501	474	433	831	1,670
June.. ..	1,188	724	993	1,465	1,537	573	433	429	832	1,409
July.. ..	1,078	829	906	1,461	1,551	398	382	542	793	1,229
August .. ..	1,328	999	1,185	1,466	1,677	532	394	677	803	1,145
September ..	1,354	1,056	1,430	1,487	1,630	568	441	754	849	1,315
October .. ..	1,204	1,092	2,009	1,532	1,751	562	449	1,148	965	1,309
November ..	1,322	1,326	1,666	1,597	2,131	522	426	998	1,006	1,047
December ..	745	751	921	1,296	1,987	424	387	649	867	1,242
Mean for Year	1,148	978	1,220	1,445	1,654	499	433	609	864	1,198
	<b>Number of Workpeople found Work by Bureaux during each Month.</b>					<b>Number of Persons on Register at end of each Month.</b>				
January ..	506	523	636	669	711	798	695	693	755	762
February ..	510	493	540	658	562	796	708	690	795	741
March . . .	588	519	613	898	539	651	646	613	663	625
April .. ..	515	516	553	736	741	547	607	581	661	669
May .. ..	534	587	737	915	1,266	570	570	536	572	578
June.. ..	613	532	564	917	1,075	635	477	545	579	573
July .. ..	506	487	488	933	982	636	503	532	609	665
August .. ..	615	508	626	794	848	688	554	563	590	830
September ..	636	583	722	715	832	722	575	594	724	766
October .. ..	563	615	1,156	655	884	728	578	688	723	873
November ..	674	686	915	813	696	705	674	683	777	1,164
December ..	491	504	564	674	842	584	478	513	583	1,015
Mean for Year	569	544	678	782	831	672	589	607	661	776

\* The Bureaux included in the Table are:—London—Battersea Borough and the Salvation Army. Provincial—Ipswich Bureau, Glasgow Corporation, Liverpool Corporation, and Plymouth Corporation.

## OCCUPATIONS OF

Usual Occupations of Applicants for Work.	Jan.	Feb.	Mar.	April.	May.	June.	July.
<b>Men.</b>							
Building trades, labourers ...	36	40	38	44	31	34	35
Building trades, other work-people.	37	26	22	22	21	16	21
Engineering and metal trades...	56	38	22	25	22	36	27
Printing and bookbinding trades.	9	6	12	8	6	7	9
Woodworking and furniture trades.	3	5	7	15	3	6	8
Carmen, stablemen, horsemen, &c.	63	70	60	67	60	50	56
Clerks and warehousemen ...	54	41	38	41	31	29	34
Porters and messengers ...	78	77	61	55	56	56	55
Factory operatives ... ..	8	8	4	11	15	4	7
General labourers ... ..	177	156	154	189	152	150	188
Other occupations ... ..	37	28	22	35	27	30	38
<b>Total, Men ... ..</b>	<b>558</b>	<b>495</b>	<b>440</b>	<b>512</b>	<b>424</b>	<b>418</b>	<b>478</b>
<b>Lads and Boys ... ..</b>	<b>31</b>	<b>47</b>	<b>33</b>	<b>24</b>	<b>10</b>	<b>22</b>	<b>29</b>
<b>Women and Girls.</b>							
Servants ... ..	68	77	54	39	46	31	41
Charwomen, daily work, &c. ...	79	69	76	83	80	80	95
Laundresses ... ..	7	4	8	8	9	6	2
Other occupations ... ..	19	49	14	33	9	16	20
<b>Total, Women and Girls ...</b>	<b>173</b>	<b>199</b>	<b>152</b>	<b>163</b>	<b>144</b>	<b>133</b>	<b>158</b>
<b>Grand Total, 1902 ...</b>	<b>762</b>	<b>741</b>	<b>625</b>	<b>699</b>	<b>578</b>	<b>573</b>	<b>665</b>

\* The figures relate to the six Labour Bureaux specified on page 11, and those Bureaux at the end

**APPLICANTS FOR WORK.\***

Aug.	Sept.	Oct.	Nov.	Dec.	Average Number per Month in 1902.	Usual Occupations of Applicants for Work.
						<b>Men.</b>
45	44	47	60	38	41	Building trades, labourers.
28	27	31	40	48	28	Building trades, other work-people.
37	41	46	38	37	36	Engineering and metal trades.
11	8	8	9	7	8	Printing and bookbinding trades.
6	6	5	7	5	6	Woodworking and furniture trades.
72	72	80	82	70	67	Carmen, stablemen, horsemen, &c.
52	36	52	40	48	41	Clerks and warehousemen
84	70	90	83	77	70	Porters and messengers.
10	...	2	8	13	8	Factory operatives.
213	219	281	520	394	233	General labourers.
59	56	53	80	122	49	Other occupations.
617	579	695	967	859	587	Total, Men.
42	37	36	28	24	30	... .. Lads and Boys.
						<b>Women and Girls.</b>
50	51	30	47	27	47	Servants.
93	93	94	79	96	85	Charwomen, daily work, &c.
8	6	6	5	1	6	Laundresses.
20	20	12	38	8	21	Other occupations.
171	170	142	169	132	159	Total, Women and Girls.
830	786	873	1164	1015	776	Grand Total, 1902.

they show the numbers of applicants for work who were on the Registers of of each month of 1902.

## WOMEN'S EMPLOY-

	Number of Fresh Situations offered by Employers.			Number of Fresh Applications of Workpeople seeking Situations.		
	1900.	1901.	1902.	1900.	1901.	1902.
<b>Summary</b>						
January ... ..	932	898	920	687	725	783
February ... ..	779	767	813	590	620	682
March ... ..	908	778	878	646	698	593
April ... ..	846	872	910	565	671	653
May ... ..	909	890	746	621	605	602
June ... ..	667	674	550	494	537	545
July ... ..	553	548	637	534	546	661
August ... ..	495	470	590	491	530	564
September ... ..	675	785	721	613	659	834
October ... ..	864	851	853	860	787	869
November ... ..	751	674	602	653	687	744
December ... ..	489	518	517	378	450	532
Total ... ..	8,833	8,725	8,717	7,132	7,515	8,012
<b>Summary</b>						
Superintendents, Fore-women, etc.	250	265	252	583	538	681
Shop Assistants ... ..	40	34	32	129	121	122
Dressmakers, Milliners, etc.	1,079	942	990	574	611	681
Secretaries, Clerks, Typists, etc.	300	335	320	580	575	704
Apprentices and Learners.	186	232	236	76	66	110
Domestic Servants ... ..	6,419	6,366	6,224	3,852	4,107	4,101
Miscellaneous ... ..	564	551	663	1,338	1,497	1,613
Total ... ..	8,838	8,725	8,717	7,132	7,515	8,012

\* The Bureaux included in the Table are :—The Central Bureau (Southampton) the Society for Promoting the Training and Employment of Women (Berners Employment Association and Ladies' Work Society (Manchester), and the

**MENT BUREAUX.\***

Number of Workpeople engaged by Employers.									
Permanently.			Temporarily.			Total.			
1900.	1901.	1902.	1900.	1901.	1902.	1900.	1901.	1902.	
<b>by Months.</b>									
122	158	144	56	55	66	178	213	210	January.
145	142	123	56	64	50	201	206	173	February.
150	155	143	80	54	63	230	209	206	March.
132	147	137	49	63	70	181	210	207	April.
148	141	111	72	68	65	220	209	176	May.
94	116	93	60	77	85	154	193	178	June.
108	75	117	72	85	71	180	160	188	July.
72	53	63	31	37	38	103	90	101	August.
101	133	129	83	51	73	184	184	202	September.
174	153	149	49	60	48	223	213	197	October.
143	136	158	76	58	69	219	194	227	November.
91	106	101	65	60	79	156	166	180	December.
1,480	1,515	1,468	749	732	777	2,229	2,247	2,245	... Total.
<b>by Occupations.</b>									
73	65	63	13	12	12	86	77	75	Superintendents, Forewomen, etc.
8	6	4	6	2	7	14	8	11	Shop Assistants.
192	226	205	160	129	199	352	355	404	Dressmakers, Milliners, etc.
72	68	72	207	214	197	279	282	269	Secretaries, Clerks, Typists, etc.
41	45	30	25	19	43	66	64	73	Apprentices and Learners.
937	942	920	276	317	266	1,213	1,259	1,186	Domestic Servants.
157	163	174	62	39	53	219	202	227	Miscellaneous.
1,480	1,515	1,468	749	732	777	2,229	2,247	2,245	... Total.

Street, W.C.), the Young Women's Christian Association (Hanover Square, W.), Street, W.), the Liverpool Union of Women Workers, the Gentlewomen's Edinburgh Bureau.

## PRODUCTION.

### PRODUCTION OF MINERALS.—GENERAL SUMMARY.

[Compiled from the Annual Reports on Mines and Quarries issued by the Home Office.]

Year.	Coal.	Iron Stone and Iron Ore.	Clays (except ordinary Clay).	Oil Shale.	Salt.	Slates and Slabs.	Lead Ore.	Tin Ore.	Zinc Ore.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
1887	162,119,812	13,068,041	2,413,663	1,411,378	2,193,951	464,334	51,563	14,189	25,445
1888	169,935,219	14,560,713	2,562,792	2,076,409	2,305,569	471,788	51,269	14,570	26,408
1889	176,916,724	14,548,105	3,036,263	2,014,800	1,946,496	458,436	48,465	13,809	33,202
1890	181,614,268	13,780,767	3,308,214	2,212,250	2,146,849	434,352	45,851	14,911	23,011
1891	185,479,126	12,777,669	3,322,035	2,361,119	2,043,571	415,029	43,859	14,488	32,216
1892	181,786,871	11,312,675	3,105,862	2,089,937	1,956,524	418,241	40,024	14,357	33,880
1893	164,325,795	11,203,478	3,065,208	1,956,520	1,924,029	438,993	40,808	13,689	33,754
1894	188,277,525	12,367,308	3,263,768	1,966,385	2,235,912	461,673	40,599	12,910	21,821
1895	{ 189,652,562 8,800* }	12,615,414	9,796,086†	2,246,865	2,173,263	561,760‡	38,412	10,612	17,478
1896	{ 195,351,851 9,309* }	13,700,764	11,341,782†	2,419,526	2,022,357	596,933‡	41,069	7,663	19,319
1897	{ 202,119,196 10,735* }	13,787,878	12,705,196†	2,223,745	1,903,493	609,194‡	35,338	7,120	19,278
1898	{ 202,042,237 12,273* }	14,176,938	14,738,474†	2,137,993	1,876,665	668,650‡	32,985	7,580	23,552
1899	{ 220,085,368 9,413* }	14,461,330	15,064,857†	2,210,824	1,914,893	639,240‡	30,999	6,392	23,135
1900	{ 235,170,163 11,137* }	14,028,208	14,049,604†	2,282,221	1,861,347	585,659‡	32,010	6,800	24,675
1901	{ 219,037,240 9,705* }	12,275,186	14,161,877†	2,354,356	1,783,056	488,772‡	37,976	7,268	23,752
1902	{ 227,084,871 10,171* }	13,426,217	15,304,136†	2,107,534	1,893,681	517,363‡	24,906	7,560	23,060

\* Quantity obtained from quarries and returned under the Quarries Act of 1894. These figures are not included in the general totals for coal given above.

† Including a large quantity of ordinary brick clay returned under the Quarries Act, which Act only came into operation in 1895.

‡ The difference between the figures for 1895-1902 and those for previous years is mainly accounted for by more complete returns from quarries, a result due to the passing of the Quarries Act of 1894.

**PRODUCTION OF COAL.\***

[Compiled from the Annual Reports on Mines and Quarries issued by the Home Office and from Statistics relating to Coal Mining, H. C. 197, 1903.]

Year.	United Kingdom.	PRINCIPAL COAL DISTRICTS						
		Yorkshire.	Lancashire and Cheshire.	Midlands.†	South Wales and Monmouth.	Durham.	Northumberland.	West of Scotland
	1,000's of Tons.	1,000's of Tons.	1,000's of Tons.	1,000's of Tons.	1,000's of Tons.	1,000's of Tons.	1,000's of Tons.	1,000's of Tons.
1887	162,120	20,109	21,502	31,684	26,046	28,868	5,659‡	16,664
1888	169,835	20,580	21,814	33,380	27,355	29,665	8,002	17,798
1889	176,917	21,976	22,326	35,255	28,064	30,307	8,794	18,137
1890	181,614	22,339‡	22,801‡	35,908‡	29,415	30,265	9,446	18,747
1891	185,479	22,794	23,309	37,527	29,993	29,808	9,331	19,642
1892	181,787	23,190	23,023	37,231	31,208	28,334‡	9,539	21,162
1893	164,326	15,956‡	16,476‡	30,521‡	30,155‡	30,819	9,113	19,510‡
1894	182,278	23,446	23,908	36,547	33,418	32,557	9,541	16,766‡
1895	189,653	22,811	22,764	35,454	33,040	31,133	8,665	22,204
1896	195,352	23,943	23,336	36,977	33,968	32,768	9,028	22,026
1897	202,119	24,053	23,551	33,309	35,306	33,819	9,768	22,285
1898	202,942	25,336	25,031	41,135	26,724‡	34,737	10,571	22,370
1899	229,985	26,904	26,109	43,071	39,370	34,371	11,184	23,175
1900	225,170	26,247	25,542	44,743	39,323	34,301	11,515	24,244
1901	219,487	26,973	24,261	42,630	39,209	33,954	11,372	23,588
1902	227,985	27,363	24,379	44,441	41,306	34,308	11,619	24,097

\* Exclusive of coal obtained from quarries and returned under the Quarries Act of 1894. (See Table on preceding page.)

† Staffordshire, Nottinghamshire, Leicestershire, Worcestershire, Shropshire, Derbyshire and Warwickshire.

‡ In these years there were important labour disputes, which interfered with production in the districts referred to.

## PRODUCTION OF IRON ORE.

[Compiled from the Annual Reports on Mines and Quarries issued by the Home Office.]

The figures for 1902 are preliminary only and subject to revision.

Year.	United Kingdom.	PRINCIPAL DISTRICTS.					
		Cum-berland and Lancashire	Yorkshire.	Lincoln-shire and Leicester-shire.	Northamp-tonshire.	Stafford-shire and Shrop-shire.	Scotland.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
1886	14,119,813	2,477,848	5,462,564	1,594,908	996,440	1,728,955	1,507,534
1887	13,698,841	2,873,020	5,062,289	1,678,702	955,473	1,058,618	1,321,899
1888	14,599,713	2,879,817	5,463,090	1,890,932	1,066,746	1,826,888	1,238,597
1889	14,546,105	2,816,451	5,726,314	2,143,548	1,267,080	1,307,308	1,061,734
1890	13,769,767	2,369,626	5,666,006	1,662,373	1,273,381	1,271,569	998,835
1891	12,777,689	2,364,990	5,206,322	1,960,266	1,043,541	1,125,313	748,336
1892	11,312,675	2,201,333	3,493,216	2,140,869	1,120,365	1,068,684	872,435
1893	11,263,476	2,229,082	4,713,278	1,510,210	719,071	863,375	847,406
1894	12,367,308	2,157,207	5,116,157	2,122,312	1,130,773	893,155	631,304
1895	12,615,414	2,013,735	5,331,265	2,143,013	1,062,262	904,769	834,673
1896	13,769,764	2,068,128	5,734,892	2,279,621	1,263,660	973,001	963,670
1897	13,787,878	2,077,927	5,730,073	2,480,016	1,264,915	962,217	936,360
1898	14,176,938	2,001,191	5,785,588	2,544,419	1,406,150	1,145,267	834,219
1899	14,461,339	1,908,674	5,672,166	2,771,967	1,779,710	1,098,269	843,585
1900	14,029,268	1,733,791	5,550,677	2,675,606	1,622,539	1,110,930	849,031
1901	12,275,198	1,559,447	5,150,866	2,088,362	1,485,084	851,551	759,373
1902	13,426,217	1,569,353	5,443,852	2,535,071	1,751,427	838,318	828,314



PRODUCTION OF PIG IRON.

[Compiled from the Annual Reports on Mines and Quarries issued by the Home Office.]

The figures for 1902 are preliminary only and subject to revision.

Year.	ENGLAND and WALES.								SCOTLAND.	Total, United Kingdom.
	Cumberland and Lancashire	Durham and Yorkshire (North Riding).	West Riding of Yorkshire.	Lincolnshire and Leicestershire	Midlands.	Glamorgan and Monmouth.	Other Districts.	Total, England and Wales.		
	Thousands of Tons.									
1886	1,410	2,487	187	242	1,113	687	68	6,074	986	7,010
1887	1,701	2,524	179	262	1,138	768	66	6,628	932	7,566
1888	1,806	2,631	191	280	1,306	671	73	6,971	1,028	7,999
1889	1,662	2,783	229	336	1,402	827	106	7,345	978	8,323
1890	1,570	2,838	248	268	1,314	825	104	7,187	737	7,924
1891	1,440	2,631	228	285	1,295	761	92	6,732	674	7,406
1892	1,199	1,945	261	280	1,268	684	80	5,737	972	6,709
1893	1,297	2,714	155	217	1,056	680	65	6,184	793	6,977
1894	1,296	2,974	225	343	1,183	709	55	6,785	642	7,427
1895	1,189	2,926	195	349	1,249†	705	41	6,654	1,049	7,703
1896	1,453	3,312	290	361	1,402†	780	49	7,548	1,114	8,666
1897	1,526	3,198*	295	363	1,420†	805	53	7,660	1,136	8,796
1898	1,619	3,199*	297	382	1,498†	495	59	7,547	1,063	8,610
1899	1,809	3,251*	305	409	1,590†	929	67	8,250	1,171	9,421
1900	1,586	3,109*	291	389	1,520†	908‡	..	7,808	1,157	8,966
1901	1,433	2,820*	247	322	1,270†	700‡	..	6,782	1,137	7,929
1902	1,540	2,961*	284	386	1,436†	800‡	..	7,408	1,272	8,680

\* Including Northumberland. In 1900, 1901 and 1902 no furnaces were returned as in blast in Northumberland.

† Including Wiltshire, which in previous years was included under "Other Districts." In 1902 no furnaces were returned as in blast in Wiltshire.

‡ Including Denbigh and Flint, which in previous years were included under "Other Districts."

### PRODUCTION OF STEEL INGOTS AND PUDDLED IRON BARS.

[Compiled from Statistics published by the British Iron Trade Association in the "Iron and Coal Trades Review."]

Year.	STEEL INGOTS.			PUDDLED IRON BARS.
	Bessemer Process.	Open-Hearth Process.	Total.	
	Tons.	Tons.	Tons.	Tons.
1886	1,570,520	694,150	2,264,670	1,616,701
1887	2,064,403	981,104	3,045,507	1,701,312
1888	2,012,794	1,292,742	3,305,536	2,031,473
1889	2,140,791	1,429,169	3,569,960	2,253,756
1890	2,014,843	1,564,200	3,579,043	1,923,221
1891	1,642,005	1,514,538	3,156,543	1,733,902
1892	1,500,810	1,418,830	2,919,640	1,560,697
1893	1,493,454	1,456,325	2,949,779	1,363,974
1894	1,535,364	1,575,318	3,110,682	1,330,063
1895	1,234,765	1,724,737	3,009,502	1,148,012
1896	1,815,842	2,317,555	4,133,397	1,214,005
1897	1,834,155	2,601,806	4,435,961	1,233,159
1898	1,759,386	2,806,600	4,565,986	1,115,699
1899	1,825,074	3,030,251	4,855,325	1,201,606
1900	1,745,004	3,156,050	4,901,054	1,162,765
1901	1,606,253	3,297,791	4,904,044	974,385
1902	1,825,779	3,033,248	4,909,027	988,278

SHIPBUILDING—MERCHANT SERVICE.

(A.)—TONNAGE LAUNCHED IN EACH DISTRICT.\*

[Compiled from the Annual Statements of the Navigation and Shipping of the United Kingdom, issued by the Board of Trade.]

Year.	SHIPBUILDING DISTRICTS.					Total, United Kingdom.
	Clyde.	North-east Coast of England (Tyne, Wear and Tees).	Barrow and Liverpool.	Belfast.	Other Districts.	
	TONS NET.					
1887	125,676	173,447	14,008	15,215	48,852	377,198
1888	151,710	302,212	14,322	31,912	73,791	573,947
1889	225,968	438,345	41,491	47,954	100,976	854,729
1890	228,427	405,499	25,319	44,677	108,716	812,638
1891	200,836	399,471	35,196	63,020	110,970	809,493
1892	233,163	377,711	33,990	64,761	91,924	801,548
1893	179,270	280,639	19,693	55,579	49,443	584,674
1894	219,925	320,929	16,983	63,000	48,655	669,492
1895	199,181	324,115	4,948	62,467	56,923	647,634
1896	224,967	405,548	6,795	43,205	56,399	736,814
1897	192,530	306,223	5,210	72,818	67,866	644,697
1898	235,321	450,346	10,633	35,968	37,840	770,108
1899	254,379	500,980	13,187	33,062	97,402	898,910
1900	264,200	439,475	2,389	95,441	92,262	944,267
1901	277,046	563,035	9,757	46,936	36,359	933,133
1902	302,003	449,204	2,188	104,745	92,235	950,425

\* Including Mercantile and War Vessels for foreigners, and exclusive of War Vessels for His Majesty's Government.

## SHIPBUILDING—

## (B.)—TONNAGE AND MATERIAL

[Compiled from the Annual Statements of the Navigation and

Year.	SAILING VESSELS.					STEAM	
	Steel.	Iron.†	Wood.	Composite.	Total.	Steel.	Iron.†
	Tons Net.	Tons Net.	Tons Net.	Tons Net.	Tons Net.	Tons Net.	Tons Net.
1886 .. ..	33,806	97,153	13,940	350	145,249	131,901	53,896
1887 .. ..	28,776	48,628	9,595	130	87,127	257,746	31,677
1888 .. ..	61,912	25,320	8,387	774	96,393	446,379	29,149
1889 .. ..	110,499	17,389	8,540	719	137,147	679,792	37,226
1890 .. ..	124,370	15,021	8,523	778	148,692	627,295	35,931
1891 .. ..	214,661	6,878	7,920	151	229,610	560,491	18,184
1892 .. ..	269,912	9,001	7,561	598	287,072	503,384	9,640
1893 .. ..	111,327	3,729	8,342	476	123,874	452,262	7,773
1894 .. ..	86,002	4,636	8,912	78	99,628	560,995	8,290
1895 .. ..	50,937	5,525	7,150	1,105	64,717	576,200	5,715
1896 .. ..	57,633	5,562	9,655	441	73,291	656,456	6,744
1897 .. ..	68,705	9,214	11,444	337	89,700	549,794	4,113
1898 .. ..	22,873	7,969	13,538	510	44,890	819,899	5,253
1899 .. ..	32,167	5,597	12,221	498	50,483	892,699	5,019
1900 .. ..	23,934	4,109	12,528	551	40,122	890,128	5,721
1901 .. ..	43,178	4,972	13,242	271	61,663	915,639	2,734
1902 .. ..	62,574	3,722	13,890	888	81,064	864,312	2,634

\* Including Mercantile and War Vessels for foreigners, and

† Including a few vessels in each year built partly of Iron

‡ One vessel built of Delta Metal.

§ Including one vessel built of Aluminium.

## MERCHANT SERVICE.

### OF VESSELS LAUNCHED.\*

*Shipping of the United Kingdom, issued by the Board of Trade.]*

VESSELS.			TOTAL.				Grand Total.
Wood.	Composite.	Total.	Steel.	Iron.†	Wood.	Composite.	
Tons Net.	Tons Net.	Tons Net.	Tons Net.	Tons Net.	Tons Net.	Tons Net.	Tons Net.
475	7	186,279	165,707	151,049	14,415	357	331,538
610	38	290,071	286,522	80,303	10,205	168	377,198
1,034	992	477,554	508,291	54,469	9,421	1,766	573,947
553	111	717,582	790,291	54,615	9,093	730	854,729
353	367	663,946	751,665	50,952	8,876	1,145	812,638
531	677	579,883	775,152	26,062	8,451	828	809,493
506	946	514,476	773,296	18,641	8,067	1,544	801,548
698	69	460,800	563,589	11,502	9,038	545	584,674
353	2264	569,864	646,997	12,926	9,265	304	669,492
617	385	582,917	627,137	11,240	7,767	1,490	647,634
270	53	663,523	714,069	12,306	9,825	494	736,814
677	413	554,997	618,499	13,327	12,121	750	644,697
518	48	825,718	842,772	13,222	14,056	558	870,806
788	21	898,527	924,866	10,616	13,009	519	949,010
2,201	95	898,145	919,062	9,830	14,729	646	944,267
3,059	38	921,470	968,817	7,706	16,301	309	983,133
2,266	149	869,361	926,886	6,356	16,146	1,037	950,425

exclusive of vessels built for His Majesty's Government.  
and partly of Steel.

## SHIPBUILDING—ROYAL NAVY.

## TONNAGE LAUNCHED.

[Compiled from Returns furnished by the Admiralty.]

Year.	ROYAL DOCKYARDS.		PRIVATE YARDS.				Total, United King- dom.
	Chat- ham and Sheer- ness.	Ports- mouth, Devon- port, and Pembroke.	Clyde.	North- east Coast of Eng- land.	Barrow and Liver- pool.	Other Dis- tricts.	
TONS (DISPLACEMENT).							
1887 .. ..	7,265	22,130	5,600	10,470	...	10,470	55,935
1888 ... ..	8,015	20,540	5,900	...	...	...	34,455
1889 ... ..	15,495	20,660	6,760	6,620	...	...	49,535
1890 ... ..	4,870	18,158	6,800	11,405	13,800	9,510	64,543
1891 ... ..	28,500	39,600	14,200	18,150	...	6,800	107,250
1892 ... ..	13,740	36,710	21,850	36,000	18,200	14,800	141,300
1893 ... ..	9,790	22,666	...	...	290	3,564	36,310
1894 ... ..	16,820	9,880	908	...	1,445	1,815	30,868
1895 ... ..	20,500	49,850	41,850	3,415	21,780	1,139	138,534
1896 ... ..	19,170	47,050	23,774	3,935	22,923	1,240	118,092
1897 ... ..	7,885	23,950	12,690	8,490	13,170	1,370	67,555
1898 ... ..	29,910	41,085	41,215	3,150	12,070	13,965*	141,395
1899 ... ..	17,200	49,700	28,056	1,015	26,610	312	122,893
1900 ... ..	3,030	2,200	14,020	2,685	15,060	788	37,783
1901 ... ..	17,210	47,700	62,228	14,710	40,100	28,750†	210,698
1902 ... ..	20,800	30,600	31,600	9,800	...	1,606	94,406

\* Including a vessel of 12,950 tons displacement, launched in the Thames.

† Including 2 vessels, each of 14,000 tons displacement, launched in the Thames.

AGRICULTURE.

(A.)—ESTIMATED PRODUCTION OF CROPS.\*

[Compiled from the Returns issued by the Board of Agriculture.]

Year.	Principal Corn Crops.				Principal Green Crops.		Hay of all Sorts.	Hops.
	Wheat.	Barley or Bere.	Oats.	Beans and Peas.	Potatoes.	Turnips, Swedes, and Mangold.		
	Bushels.	Bushels.	Bushels.	Bushels.	Tons.	Tons.	Tons.	Cwts.
1887	76,224,940	69,948,266	150,789,416	14,096,233	7,184,296	28,345,205	11,492,716	457,515
1888	74,498,123	74,545,549	187,975,675	15,706,573	5,562,331	34,820,954	15,132,585	261,291
1889	75,868,611	74,708,755	164,078,736	15,296,049	6,435,387	33,747,363	16,284,879	497,811
1890	75,993,683	80,793,526	171,296,404	13,172,543	4,622,214	33,711,067	14,466,067	268,629
1891	74,742,700	79,555,069	166,472,428	16,471,821	6,090,047	37,299,808	12,671,447	436,716
1892	69,775,245	76,939,135	166,181,197	12,062,769	5,633,954	33,846,924	11,516,481	412,269
1893	59,912,647	65,745,992	168,568,121	9,919,493	6,540,593	36,335,770	9,062,068	414,929
1894	60,704,322	73,800,835	180,862,714	13,426,806	4,662,147	37,937,555	15,399,383	636,346
1895	32,265,107	75,026,474	174,476,182	10,366,220	7,064,684	35,597,441	12,267,604	563,396
1896	58,247,006	77,224,701	162,859,779	11,469,429	6,263,235	33,912,004	11,416,171	453,168
1897	56,226,774	72,613,455	163,556,156	11,900,157	4,106,609	37,164,973	14,042,703	411,036
1898	74,865,280	74,780,785	172,578,273	12,124,772	6,224,780	33,726,999	15,915,696	356,110
1899	67,260,569	74,532,406	166,189,240	11,996,982	5,327,008	37,973,536	12,886,207	661,373
1900	54,222,094	68,545,994	165,137,200	11,540,670	4,576,812	33,086,713	13,741,713	347,894
1901	53,227,729	67,643,136	161,174,532	10,171,166	7,043,464	34,522,021	11,358,041	649,267
1902	58,276,443	74,439,203	184,184,361	12,209,574	5,919,919	39,925,804	15,245,963	311,041

\* The figures given are exclusive of the produce of the Isle of Man and Channel Islands.

PRODUCTION.  
AGRICULTURE.

(B.)—ACREAGE UNDER CROPS

[Compiled from the Returns issued

Description of Crops and Live Stock.	1886.	1887.	1888.	1889.	1890.	1891.	1892.
<b>TOTAL CULTIVATED AREA.</b>	1000s of Acres. 47,933	1000s of Acres. 47,874	1000s of Acres. 47,877	1000s of Acres. 47,931	1000s of Acres. 48,046	1000s of Acres. 48,179	1000s of Acres. 47,978
<b>CORN CROPS.</b>							
Wheat .. .. .	2,358	2,387	2,668	2,544	2,484	2,392	2,299
Barley or Bere .. .. .	2,433	2,255	2,265	2,316	2,301	2,299	2,220
Oats .. .. .	4,419	4,419	4,177	4,141	4,138	4,138	4,238
Rye .. .. .	87	88	89	86	89	60	61
Beans and Peas .. .. .	602	608	587	551	582	564	511
Total .. .. .	9,879	9,735	9,786	9,637	9,574	9,443	9,329
<b>GREEN CROPS.</b>							
Potatoes.. .. .	1,364	1,367	1,406	1,378	1,321	1,267	1,277
Turnips, Swedes and Mangold ..	2,700	2,686	2,654	2,597	2,630	2,634	2,659
Other green crops (except Clover or Grass).	662	664	660	567	583	580	531
Total .. .. .	4,726	4,717	4,729	4,542	4,534	4,511	4,467
<b>OTHER CROPS, GRASS, &amp;C.</b>							
Flax .. .. .	131	134	116	116	99	76	72
Hops .. .. .	70	64	58	58	55	56	56
Bare fallow .. .. .	570	499	473	531	524	451	484
Clover, sainfoin, and grasses under rotation :—							
For Hay .. .. .	†	2,975	2,935	3,162	2,939	2,738	2,772
Not for Hay .. .. .	†	3,052	3,044	3,026	3,158	3,277	3,201
Total .. .. .	†	6,027	5,979	6,188	6,097	6,015	5,973
Permanent pasture (exclusive of heath or mountain land):—							
For Hay .. .. .	†	6,078	6,360	6,513	6,243	5,973	6,018
Not for Hay .. .. .	†	20,621	20,318	20,303	20,867	21,594	21,515
Total .. .. .	†	26,699	26,678	26,816	27,115	27,567	27,533
<b>LIVE STOCK.</b>							
Horses used solely for agriculture, mares kept solely for breeding, and unbroken horses.	No. of 1000s.	No. of 1000s.	No. of 1000s.	No. of 1000s.	No. of 1000s.	No. of 1000s.	No. of 1000s.
Cattle .. .. .	1,928	1,937	1,937	1,945	1,965	2,026	2,068
Sheep .. .. .	10,873	10,640	10,269	10,273	10,790	11,344	11,519
Pigs .. .. .	28,965	29,402	28,939	29,485	31,067	33,534	33,643
	3,486	3,721	3,816	3,906	4,362	4,273	3,266

\* The figures in this Table include the acreage under  
† Not separately specified in 1886.



PRODUCTION.

AGRICULTURE.

AND NUMBER OF LIVE STOCK.\*

*by the Board of Agriculture.]*

1893.	1894.	1895.	1896.	1897.	1898.	1899.	1900.	1901	1902.
1000s of Acres. 47,960	1000s of Acres. 47,920	1000s of Acres. 47,883	1000s of Acres. 47,832	1000s of Acres. 47,860	1000s of Acres. 47,792	1000s of Acres. 47,798	1000s of Acres. 47,795	1000s of Acres. 47,761	1000s of Acres. 47,753
1,955	1,990	1,456	1,734	1,939	2,159	2,055	1,901	1,746	1,773
2,261	2,268	2,346	2,286	2,213	2,069	2,159	2,172	2,141	2,083
4,436	4,524	4,528	4,304	4,226	4,068	4,110	4,146	4,112	4,157
70	103	80	80	90	31	64	65	68	78
459	491	455	450	422	410	415	424	410	426
9,171	366	8,865	8,863	8,800	3,317	8,303	8,708	8,477	8,517
1,263	1,232	1,263	1,281	1,194	1,301	1,223	1,227	1,224	1,215
2,661	2,682	2,626	2,502	2,560	2,496	2,488	2,478	2,439	2,425
519	572	511	556	574	581	564	596	568	601
4,463	4,486	4,400	4,429	4,328	4,261	4,274	4,301	4,281	4,241
69	103	97	74	47	35	35	48	56	51
58	60	59	54	51	50	52	51	51	48
587	396	495	451	405	399	347	317	350	299
2,702	2,776	2,953	2,840	2,933	3,038	2,853	2,822	2,988	2,982
3,214	3,087	3,108	3,120	3,215	3,163	3,262	3,203	3,153	3,126
5,916	5,963	6,061	5,960	6,153	6,211	6,115	6,025	6,141	6,108
5,903	6,408	6,327	6,194	6,056	6,065	5,840	5,937	5,917	6,152
21,897	21,170	21,504	21,780	21,869	21,913	22,252	22,330	22,457	22,267
27,700	27,578	27,381	27,974	27,926	27,978	28,692	28,267	28,374	28,409
No. of 1000s.	No. of 1000s.	No. of 1000s.	No. of 1000s.	No. of 1000s.	No. of 1000s.	No. of 1000s.	No. of 1000s.	No. of 1000s.	No. of 1000s.
2,080	2,092	2,112	2,115	2,070	2,040	2,028	2,000	2,012	2,023
11,208	10,781	10,763	10,942	11,004	11,149	11,355	11,455	11,478	11,377
31,775	30,938	29,775	30,864	30,587	31,102	31,681	31,055	30,830	30,067
3,278	3,794	4,239	4,301	3,683	3,719	4,004	3,664	3,411	3,440

crops, &c., in the Isle of Man and Channel Islands.

## EXPORTS OF QUANTITIES EXPORTED OF PRINCIPAL

*[Compiled from the Annual Statements]*

Articles.	1886	1887.	1888.	1889.	1890.	1891.	1892.
<b>Cotton.</b>							
Yarn and twist .. 1,000 lbs.	264,331	251,026	255,846	262,436	256,291	245,269	233,224
Thread for sewing 1,000 lbs.	17,519	20,392	21,719	17,291	18,075	18,071	16,169
Piece goods .. 1,000 yds.	4,260,211	4,904,012	5,068,208	5,001,289	5,124,966	4,912,476	4,873,106
<b>Wool and Worsted.</b>							
Yarn, woollen and 1,000 lbs. worsted.	45,650	40,153	42,630	45,260	41,068	41,489	44,820
Yarn, alpaca and 1,000 lbs. mohair, and other sorts, un- enumerated.	14,433	12,190	11,320	13,343	12,900	13,566	14,066
Tissues and stuffs 1,000 yds. and flannels.	261,317	268,102	262,496	256,291	242,689	212,366	203,546
Blankets .. .. 1,000 prs.	1,326	1,579	1,424	1,579	1,558	1,394	1,231
Carpets .. .. 1,000 yds. (not being rugs).	11,647	12,947	11,901	12,080	10,737	10,538	9,367
<b>Linen.</b>							
Yarn .. .. 1,000 lbs.	15,892	16,581	14,710	13,945	15,313	14,860	15,461
Thread for sewing 1,000 lbs.	2,691	2,517	2,366	2,300	2,949	3,474	2,456
Piece goods .. 1,000 yds.	163,756	163,980	176,718	160,639	164,040	159,458	171,302
<b>Silk.</b>							
Broad piece goods 1,000 yds.	7,263	6,592	8,245	9,619	9,507	6,455	5,952
<b>Jute.</b>							
Yarn.. .. 1,000 lbs.	30,707	23,568	26,583	34,179	34,404	33,178	25,662
Piece goods .. 1,000 yds.	216,103	244,173	231,511	265,085	273,776	283,618	266,247
<b>Clothing.</b>							
Boots and shoes .. dos. prs.	530,357	602,716	661,907	665,909	666,803	706,517	659,911
Apparel and Value 1,000l. slops	3,902	3,947	4,659	4,979	5,036	5,151	4,847

\* In addition 143,628 dozen pairs of ounthouc boots and shoes were exported in 1902, and 133,064 dozen

## CERTAIN ARTICLES.

## TEXTILES AND CLOTHING.\*

of the Trade of the United Kingdom.]

1893.	1894.	1895.	1896.	1897.	1898.	1899.	1900.	1901.	1902.
206,546	238,121	261,989	246,433	252,547	246,668	213,126	158,373	160,653	166,361
17,244	17,099	23,800	25,854	26,415	27,137	30,705	34,505	31,058	32,385
4,632,317	5,312,368	5,032,562	5,318,249	4,792,269	5,316,054	5,436,944	5,081,727	5,364,800	5,331,555
50,101	58,016	61,071	62,239	57,075	58,807	63,700	57,148	48,498	53,725
16,070	13,963	17,743	14,641	16,590	14,377	16,995	15,420	17,365	17,814
185,519	180,705	233,422	209,971	192,587	153,370	162,489	164,777	149,091	158,661
1,266	1,053	1,273	1,587	977	953	662	666	779	766
3,531	7,763	3,379	3,269	7,297	7,430	3,312	3,740	7,540	7,672
16,259	15,540	17,046	18,462	18,966	17,355	18,153	16,347	12,971	14,370
2,397	2,094	2,401	2,240	2,019	1,870	2,088	1,338	1,721	1,835
158,885	156,254	203,568	174,208	164,563	143,005	174,379	154,708	150,215	163,129
6,036	5,535	6,830	7,310	7,477	8,999	9,737	10,247	9,339	9,535
29,346	34,928	34,736	37,324	51,379	49,645	43,251	39,708	43,015	46,987
264,973	233,432	254,680	267,146	233,776	211,063	213,264	173,977	215,459	196,800
693,949	698,563	674,620	745,013	642,264	693,920	666,466	690,244	673,543*	786,398*
4,260	4,123	4,525	5,229	4,960	4,696	4,636	5,237	5,971	6,297

pairs in 1901. The exports of caoutchouc boots and shoes cannot be stated for earlier years.

## QUANTITY OF COAL

## (A.)—DETAILS

[Compiled from Parliamentary Papers

Countries to which Exported.	BRISTOL CHANNEL PORTS.	NORTH- WESTERN PORTS.	NORTH- EASTERN PORTS.
	Newport, Cardiff, Swansea, Llanelli, Gloucester, and Bristol.	Liverpool, Manchester, Preston, Fleetwood, Lancaster, Whitehaven, Workington, and Maryport.	Newcastle, Blyth (including Amble), North Shields, South Shields, Sunderland (including Seaham), Hartlepool, Stockton, and Middles- brough.
North Russia, Sweden, Norway, Denmark, Germany, Holland, Belgium, Iceland, and Whale Fisheries.	Tons 900,155	Tons 51,289	Tons 6,937,867
France, Channel Islands, Portugal, Azores and Madeira, Spain and Canaries, Gibraltar, Italy, Austria-Hungary, Malta, Greece, Bulgaria, Roumania, Turkey, South Russia, Tripoli, Tunis, Algeria, Morocco, Egypt, &c.	13,780,408	190,680	5,333,993
West Coast of Africa, Ascension, and St. Helena.	291,940	1,423	3,311
British South Africa .. .. .	540,748	3,014	112,505
East Coast of Africa, Mauritius and De- pendencies, Bourbon, Arabia, Persia, Aden, &c.	260,554	1,193	39
Indian Continent .. .. .	112,868	9,747	28,681
Ceylon, Straits Settlements, Java and other Dutch Possessions in India, Philippine Islands, Siam, Hong Kong, China, Japan, Australasia, and Pacific Islands.	548,266	13,964	5,783
British North America, United States (At- lantic), British West Indies, Bermudas, Foreign West Indies, Mexico, Central America, Colombia, and Venezuela.	555,839	110,753	200,447
Brazil, Uruguay, and Argentine Republic ..	2,132,360	125,704	102,439
Peru, Ecuador, Chile, Bolivia, and United States (Pacific).	329,522	15,387	134,896
<b>Total for 1902 .. .. .</b>	<b>19,459,948</b>	<b>523,154</b>	<b>12,359,341</b>
" " 1901 .. .. .	18,630,564	516,079	13,294,366
" " 1900 .. .. .	18,459,907	721,833	13,135,455
" " 1899 .. .. .	18,806,005	579,387	12,807,651
" " 1898 .. .. .	12,087,771	987,378	11,259,540

EXPORTS.

31

EXPORTED.

FOR 1902.

119 of 1901, 138 of 1902, and 111 of 1903.]

HUMBER PORTS.		EAST SCOTLAND.	WEST SCOTLAND.		
Hull, Goole, and Grimsby.	OTHER PORTS ON THE EAST COAST.	Leith, Granton, Borrowstoness, Grangemouth, Alloa, Kirkcaldy (including Methil), and Dundee.	Greenock, Glasgow, Ardrossan, Troon, Ayr, and Irvine.	ALL OTHER PORTS.	Total from the United Kingdom.
Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
2,493,979	189,573	4,884,022	343,046	3	15,789,724
331,450	862	499,458	1,034,791	5	21,221,647
..	45	..	70	..	296,689
5,227	6,075	11,398	21,377	..	700,344
..	357	..	101	..	262,244
27,786	..	..	13,308	..	192,388
..	62	..	227	..	536,222
47,601	1,467	18,689	150,051	5	1,924,852
73,031	31	38,765	85,660	..	2,557,980
2,663	47	..	4,081	..	496,896
<b>3,030,737</b>	<b>169,399</b>	<b>5,452,332</b>	<b>1,652,712</b>	<b>13</b>	<b>43,159,646</b>
2,902,333	219,548	4,763,970	1,469,960	261	41,877,081
4,126,816	264,031	5,779,153	1,597,941	4,981	44,089,197
3,637,890	266,517	4,563,296	1,213,769	5,786	41,180,300
3,394,730	204,038	4,709,185	1,714,834	980	35,068,430

## QUANTITY OF COAL EXPORTED.

(B.)—SUMMARY, 1898–1902.

[Compiled from Parliamentary Papers 119 of 1901, 138 of 1902, and 111 of 1903.]

Countries to which Exported.	1898.	1899.	1900.	1901.	1902.
	Tona.	Tona.	Tona.	Tona.	Tona.
North Russia, Sweden, Norway, Denmark, Germany, Holland, Belgium, Iceland, and Whale Fisheries.	13,501,198	16,394,518	18,108,571	16,000,610	15,789,724
France, Channel Islands, Portugal, Azores and Madeira, Spain and Canaries, Gibraltar, Italy, Austria-Hungary, Malta, Greece, Bulgaria, Roumania, Turkey, South Russia, Tripoli, Tunis, Algeria, Morocco, Egypt, &c.	16,841,411	19,557,985	21,067,742	20,798,068	21,221,647
West Coast of Africa, Ascension, and St. Helena.	579,488	486,486	625,018	454,256	296,689
British South Africa .. ..	258,150	496,148	707,846	661,079	700,344
East Coast of Africa, Mauritius and Dependencies, Bourbon, Arabia, Persia, Aden, &c.	269,262	291,904	254,411	318,982	262,344
Indian Continent .. ..	330,908	432,890	100,049	143,813	192,388
Ceylon, Straits Settlements, Java and other Dutch Possessions in India, Philippine Islands, Siam, Hong Kong, China, Japan, Australasia, and Pacific Islands.	586,203	601,530	765,068	616,108	586,282
British North America, United States (Atlantic), British West Indies, Bermuda, Foreign West Indies, Mexico, Central America, Colombia, and Venezuela.	405,486	248,408	182,481	251,019	1,084,852
Brazil, Uruguay, and Argentine Republic.	2,109,226	2,263,183	1,976,603	2,134,635	2,557,980
Peru, Ecuador, Chile, Bolivia, and United States (Pacific).	367,496	425,643	301,578	448,471	486,896
<b>Totals .. ..</b>	<b>35,958,436</b>	<b>41,199,309</b>	<b>44,689,197</b>	<b>41,877,981</b>	<b>43,159,646</b>

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§ II.—WAGES AND HOURS OF LABOUR.

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# STANDARD RATES OF WAGES AND HOURS OF BUILDING

(Based on information received from the National Association)

TOWNS.	RATES OF WAGES PER HOUR.							
	Brick-layers.	Masons.	Carpenters and Joiners.	Plumbers.	Plasterers.	Painters.	Labourers.	
							Brick-layers'.	Plasterers'.
ENGLAND & WALES.	d.	d.	d.	d.	d.	d.	d.	d.
Barrow-in-Furness ..	9	9	8½	8½* 9†	9	8½* 8½†	6½	6½
Birkenhead .. ..	9½	9½	9½	9½	9½	8½	6½	6½
Birmingham .. ..	9½	10	9½	9½	10	8½	6½	6½
Blackburn .. ..	10	9½	9	9	9	8½	6½	6½
Bolton .. ..	10	9½	9½	9	10	8½	6½	7
Bradford .. ..	9	9	8½	9	..	7½	6	6½
Brighton .. ..	8	9	8	8	8½	6½ & 7	5½	5½
Bristol .. ..	9	9	9	9	9	8½	6	6
Burnley .. ..	9½	9	8½	8	8	8	6	6
Cardiff .. ..	9	9	9	9	9	8	5½ to 6	5½ to 6
Derby .. ..	9	9	8½	8½	9	7½	5½	..
Halifax .. ..	9	9	8½	8	8½	7½	6	6
Huddersfield .. ..	9	9	8½	7½	8½	7½	6	6
Hull .. ..	9	9½	9	9	9	8	6½	6½
Ipswich .. ..	8	8	8	8	9	6½	5	5½
Leeds .. ..	9½	9½	9	9	9½	8 & 8½	6½	7
Leicester .. ..	9	9½	9	9	10	8	6½	7
Liverpool .. ..	9½	9½	9½	9½	9½	8½	5½	6
London‡ .. ..	10½	10½	10½	11	11	8½, 9½	7½	7½
Manchester .. ..	10	9½	9½	9½	10	8½	6	7
Middlesbrough ..	10	9	9½	9	10	8	6½	7
Newcastle-on-Tyne..	10	10	10	9	10	9	6½	6½
Northampton ..	8½	8½	8½	8½	8½	7½, 8	5½	5½
Norwich .. ..	8	8	8	8	8	6½	5	5
Nottingham .. ..	9	9½	9	9	10	8½	6½	7
Oldham .. ..	10	9½	9½	9	9	8½	6½	7
Plymouth .. ..	8	8	8	8	8	7	5 to 5½	5 to 5½
Portsmouth .. ..	8½	8½	8	7½	8½	6½ to 7	6	6
Preston .. ..	10	9½	9½	8½	8½	8½	6	5½
Reading .. ..	8½	8½	8½	8½	9	..	5 to 5½	5 to 5½
Sheffield.. ..	9½	9½	9	9	9	7½	5½ to 6	5½ to 6
Southampton ..	8	7½* 8†	8	8	8	7	5	5
South Shields ..	10	10	10	38s.↓	10	9	6½	6½
Sunderland .. ..	10	10	9½	37s.↓	10	9	6½	7
Swansea .. ..	8½	8½	8½	8* 9†	8½	8	5 to 6	5 to 6
Walsall .. ..	8½	9	8½	8½	8½	7	5½	6
Wolverhampton ..	9	9	9	9	8½	7½	6	6
SCOTLAND.								
Aberdeen .. ..	..	8(a)	8	8	8	8	5**	5½
Dundee .. ..	10	8½, 9	9	9	9	8½	5½**	5½
Edinburgh .. ..	9½	8½	9	9	9	8½	5 to 6**	5½
Glasgow .. ..	10	9½	10	9½	9½	9	5½**	6
IRELAND.								
Belfast .. ..	8½	8½	8½	8½	8½	8	3s. 2d. †	3s. 2d. †
Cork .. ..	3s. 6d. †	3s. 6d. †	3s. 6d. †	8	3s. 6d. †	8	18s. 0d. †	18s. 0d. †
Dublin .. ..	8½	8* 8½†	8* 8½†	8½	8	8(b)	{ 4*(c) } { 4½†(c) }	4*(c) 4½†(c)

‡ The London District under the agreements regulating wages in the Building Trade includes places within  
\* Summer. † Winter. \*\* Masons' labourers.

§ In the case of the London painters and labourers there is no mutually agreed-to rate as between these work-

(a) The rate for Granite Cutters (monumental)  
(b) Dublin—Painters. The rate given (8d.) is recognised by the Master Painters and the  
(c) The rates given are for Groundmen. The rates for Hodmen



## LABOUR RECOGNISED AT BEGINNING OF 1903.

## TRADES.

*of Master Builders and from the principal Trade Unions.)*

SUMMER HOURS OF LABOUR (EXCLUSIVE OF OVERTIME).								TOWNS.
Brick-layers.	Masons.	Carpenters and Joiners.	Plumbers.	Plasterers.	Painters.	Labourers.		
						Brick-layers'.	Plasterers'.	
								ENGLAND & WALES
54½	54	54	54	54	54	54½	54	Barrow-in-Furness.
49½	49½	49½	49½	49½	49½	49½	49½	Birkenhead.
54	51	51	54	54	56½	54	54	Birmingham.
49	49	49	49	49	49	51½	49	Blackburn.
49½	48½	49½	49	49½	51½	49½	49½	Bolton.
49½	49½	49½	49½	..	52	49½	49½	Bradford.
56½	55½	56½	56½	..	56½	56½	56½	Brighton.
54	54	54	51	54	54	54	54	Bristol.
49½	49½	51	54	54	54	49½	54	Burnley.
54	54	54	54	54	54	54	54	Cardiff.
56	53	56	50	56	56	56	56	Derby.
49½	49½	49½	49½	52	51	49½	52	Halifax.
49½	49½	49½	50	49½	53	49½	49½	Huddersfield.
53	53	53	53	53	53	53	53	Hull.
56½	56½	56½	56½	56½	56½	56½	56½	Ipswich.
49½	49½	49½	49½	49½	50	49½	49½	Leeds.
55½	53	53	54	53	56½	55½	53	Leicester.
49½	49½	49½	49½	49½	49½	49½	49½	Liverpool.
50	50	50	47	50	50	50	50	London.†
54½	49½	49½	49½	52	52	51½	52	Manchester.
53	49½	50	53	52, 53	53	52	52, 53	Middlesbrough.
50	44½, 50	50	53	50	50	50	50	Newcastle-on-Tyne.
..	55½	53	..	53	53	53	53	Northampton.
56	56	56	56	56	56	56	56	Norwich.
54	51½	53½	54	54	54	54	54	Nottingham.
54½	48½	51	51½	49	51	54½	49	Oldham.
53	53	53	53	53	52½	53	53	Plymouth.
55½	55½	55½	55½	55½	55½	55½	55½	Portsmouth.
49½	49½	49½	49½	49½	49½	49½	49½	Preston.
56½	55½	55½	55½	56½	..	56½	55½	Reading.
49½	49½	49½	49½	49½	56	49½	49½	Sheffield.
56½	56½	56½	56½	56½	56½	56½	56½	Southampton.
50	44½	50	53	50	50	50	50	South Shields.
50	44½	50	53	50	50	50	50	Sunderland.
51	54	54	54	54	54	54	54	Swansea.
55½	55½	55½	55½	55½	55½	55½	55½	Walsall.
54	54	54	54	54	54	54	54	Wolverhampton.
								SCOTLAND.
..	51	51	51	51	51	..	51	Aberdeen.
51	51	51	51	51	51	51	51	Dundee.
51	51	51	51	51	51	51	..	Edinburgh.
51	51	51	51	51	51	51	..	Glasgow.
								IRELAND.
54	54	54	54	54	54	54	54	Belfast.
54	54	54	51	54	51	54	54	Cork.
54	54	54	54, 51	54	50(b)	54	54	Dublin.

a 12-mile radius of Charing Cross, except in the case of the Plumbers, who have agreed to a 6-mile radius.  
 † Per week. ‡ Per day.  
 people and the Employers Association, but the rates given are believed to be those paid to the bulk of the men.  
 work) is 7d. per hour per week of 51 hours.  
 Trade Union. The rate recognised by the Master Builders is 7½d. per hour per week of 54 hours.  
 are 4½d. per hour in Summer and 4¼d. per hour in winter.

36 STANDARD RATES OF WAGES AND HOURS OF LABOUR, 1903.

STANDARD RATES OF WAGES AND HOURS  
ENGINEERING

NOTE.—The rates given are those recognised as minimum rates for a full week's rates have been agreed upon between the

TOWNS.	PATTERNMAKERS.		* IRON-FOUNDERS.	ENGINEERS.			Weekly Hours of Labour.
	Weekly Rate of Wages.	Weekly Hours of Labour.	Weekly Rate of Wages.	Weekly Rate of Wages.			
				Turners.	Fitters.	Smiths.	
ENGLAND & WALES.							
Barrow-in-Furness ..	s. d.		s. d.	s. d.	s. d.	s. d.	
Birkenhead .. ..	38 3	54	39 0	37 0	36 0	36 0	54
Birmingham .. ..	39 6	53	40 0	36 0	36 0	38 0	53
Blackburn .. .. .	38 0	53	38 0	36 0	36 0	36 0	53
Bolton .. .. .	37 0	53	39 0	35 0	35 0	35 0	53
Bradford .. .. .	38 0	53	38 0	34 0	34 0	34 0	53
Brighton .. .. .	35 0	54	34 0	35 0	35 0	35 0	54
Bristol .. .. .	38 3	54	36 0	36 0	36 0	36 0	54
Burnley .. .. .	35 0	53	37 0	35 0	35 0	35 0	53
Cardiff .. .. .	38 0	53	36 0	41 0†	41 0†	41 0†	53
Derby .. .. .	36 0	54	38 0	33 0	33 0	34 0	54
Haltax .. .. .	36 0	53	38 0	33 0	33 0	34 0	53
Huddersfield .. ..	34 0	53, 54	36 0	30 0	30 0	32 0	54
Hull .. .. .	39 0	53	40 0	36 0	36 0	36 0	53
Ipswich .. .. .	34 0	50 & 54	30 0	28 0	28 0	28 0	50 & 54
Leeds .. .. .	37 0	53	33 0	33 0	33 0	34 0	53
Leicester .. .. .	36 0	54	38 0	34 0	34 0	36 0	54
Liverpool .. .. .	39 6	53	40 0	36 0	36 0	36 0	53
London .. .. .	43 0	54	40 0	39 0	39 0	39 0	54‡
Manchester .. .. .	40 0	53	40 0	34s. 36s.	34s. 36s.	36 0	53
Middlesbrough .. ..	38 0	53	38 6	36 0	36 0	36 0	53
Newcastle-on-Tyne..	38 0	53	38 0	36 0	36 0	36 0	53
Northampton .. ..	32 0	51	31 0	32 0	32 0	32 0	54
Norwich .. .. .	32 0	54	28 0	32 0	32 0	36 0	54
Nottingham .. .. .	38 0	54	38 0	36 0	36 0	36 0	54
Oldham .. .. .	37 0	53	38 0	32s. 35s.	32s. 35s.	34s. 36s.	53
Plymouth‡ .. .. .	36 0	53	36 0	36 0	36 0	36 0	53‡
Portsmouth‡ .. ..	40 0	53, 54	34 0	38 0	38 0	38 0	53 & 54
Preston .. .. .	38 0	53	39 0	35 0	35 0	35 0	53
Reading .. .. .	30 0	54	31 6	30 0	30 0	30 0	54
Sheffield .. .. .	40 0	54	40 0	38 0	38 0	38 0	54 & 58
Southampton .. ..	39 0	54	37 0	37 0	37 0	37 0	54
South Shields .. ..	38 0	53	37 0	36 0	36 0	36 6	53
Sunderland .. .. .	38 0	53	37 0	36 0	36 0	36 0	53
Swansea .. .. .	38 3	54	36 0	36 0	36 0	36 0	54
Walsall .. .. .	34 0	54	..	32 0	32 0	33 0	54
Wolverhampton .. ..	34 0	54	32 0	32 0	32 0	33 0	54
SCOTLAND							
Aberdeen .. .. .	33 6	54 & 52‡	32‡	30 1‡	30 1‡	30 1‡	54 & 56
Dundee .. .. .	34 0	54	32‡	32 0	32 0	34 0	54
Edinburgh .. .. .	37 1‡	54	32‡	34 10	34 10	32 8	54
Glasgow .. .. .	38 3	54	32‡	36 0	36 0	36 0	54
IRELAND.							
Belfast .. .. .	39 0	54	38 0	38 0	37 0	37 0	54 to 56‡
Cork .. .. .	34 0	54	34 0	34 0	34 0	34 0	54
Dublin .. .. .	36 0†	54	36 0	33 0†	33 0†	33 0†	54†

\* The hours of labour of ironfounders are generally 53 or 54 per week. In the North of England 58 hours is the rule. It is stated that at a few shops the men work 48 and at some others 60 hours per week. † Rates for marine shops. ‡ These rates are for men in the employ of private firms. In H.M. Dockyards, the weekly hours of labour average 48 and the wages differ from those paid by private firms. † Per hour. ‡ Devonport rate. † Railway Shops.

STANDARD RATES OF WAGES AND HOURS OF LABOUR, 1903. 37

OF LABOUR RECOGNISED AT BEGINNING OF 1903.  
AND SHIPBUILDING.

work, exclusive of overtime, by the principal Trade Unions. In many cases the Employers' Associations and the Trade Unions.

BOILER MAKERS AND IRON SHIPBUILDERS.						Weekly Hours of Labour.*	TOWNS.
Weekly Rate of Wages (New work).							
Platers (Heavy).		Platers (Light).		Rivettors.			
Boiler Shops.	Ship Yards.	Boiler Shops.	Ship Yards.	Boiler Shops.	Ship Yards.		
s. d.							ENGLAND & WALES.
41 5	37 6	41 5	37 6	38 3	35 0	54, 51†	Barrow-in-Furness.
42 0	..	..	..	38 0	36 0	..	Birkenhead.
50 0†	50 0†	..	..	44 0†	44 0†	53, 44†	Birmingham.
38 0	..	36 0	..	32 0	..	53	Blackburn.
39 6	..	..	..	35 6	..	53	Bolton.
38 0	..	..	..	33 0	..	53	Bradford.
42 0	..	36 0	..	36 0	..	54	Brighton.
36 0	..	36 0	..	32 0	..	54, 54* 48*	Bristol.
39 6	..	38 0	..	35 0	..	53	Burnley.
42 0	39 0	..	..	39 0	36 0	53, 47*	Cardiff.
36 0	..	34 0	..	29 0	..	..	Derby.
38 0	..	..	..	33 0	..	53	Halifax.
..	..	36 0	..	32 0	..	54	Huddersfield.
40 0	40 0	40 0	40 0	35 0	36 0	53	Hull.
34 0	..	..	..	32 0	..	54	Ipswich.
38 0	..	38 0	..	34 0	..	53	Leeds.
38 0	..	34 0	..	32 0	..	54	Leicester.
42 0	42 0	..	..	38 0	36 0	53, 44†	Liverpool.
45 0	45 0	42 0	45 0	38 0	38 0	54	} London.
45 0†	48 0†	45 0†	48 0†	42 0†	42 0†	45†	
39 6	..	38 0	..	35 6	..	53	Manchester.
42 0	36 6	39 6	36 6	38 6	34 6	53	Middlesbrough.
41 6	36 6	39 6	36 6	38 6	34 6	53, 54, 48†	Newcastle-on-Tyne.
..	..	..	..	..	..	..	Northampton.
..	..	..	..	34 0†	..	54	Norwich.
41 0	..	39 0	..	34 0	..	54	Nottingham.
39 6	..	..	..	35 6	..	53	Oldham.
..	..	..	..	..	..	..	Plymouth.
38 0	38 0	38 0	38 0	36 0	36 0	54	} Portsmouth.
39 6	45 6	39 6	45 6	35 6	41 6	Dkyd. 48	
38 0	..	..	..	30 0	..	53	Preston.
40 0	..	40 0	..	36 0	..	54	Reading.
39 0	..	39 0	..	36 0	..	54, 48*	Sheffield.
42 0	36 6	39 6	36 6	38 6	33 6	53, 54, 48†	Southampton.
42 0	36 6	40 0	36 6	38 6	34 6	53, 47†	South Shields.
7 6†	..	..	..	7 0†	..	48	Sunderland.
..	..	..	..	..	..	48	Swansea.
38 0	..	..	..	32 0	..	53 & 54	Walsall.
..	..	..	..	..	..	..	Wolverhampton.
s. d.							SCOTLAND.
36 3	32 9	35 3	32 9	34 3	31 3	54	Aberdeen.
41 0	37 1½	39 0	37 1½	38 0	36 0	54	Dundee.
41 7½	..	..	..	37 8½	..	54	Edinburgh.
41 7½	36 0	39 4½	36 0	37 1½	33 9	54	Glasgow.
and	..	and	..	and	..	..	
43 10½	..	41 7½	..	39 4½	..	..	
s. d.							IRELAND.
43 6	38 6	43 6	..	38 0	35 6	54	Belfast.
..	..	..	..	..	..	..	Cork.
38 0	..	36 0	..	34 0	..	54	Dublin.

\* Where summer and winter hours vary, the winter hours are marked with a \*.  
† In Shipyards in Winter. ‡ Repair work. § Daily rate. ¶ At Leith.

38 STANDARD RATES OF WAGES AND HOURS OF LABOUR, 1903.

STANDARD RATES OF WAGES AND HOURS  
ENGINEERING AND SHIPBUILDING—*cont.*

NOTE.—The rates given are those recognised as minimum rates for a full week's rates have been agreed upon between the

TOWNS.	BRASS MOULDERS AND FINISHERS.			SHIPWRIGHTS.		
	Weekly Rate of Wages.		Weekly Hours of Labour.	Weekly Rate of Wages.		Summer Hours of Labour.
	Brass Moulders.	Brass Finishers.		New Work.	Repair Work.	
<b>ENGLAND &amp; WALES.</b>						
	<i>s. d.</i>	<i>s. d.</i>		<i>s. d.</i>	<i>s. d.</i>	
Barrow-in-Furness ..	37 0	36 6	54	38 9	41 9	54
Birkenhead ..	38 0	36 0	..	39 0	42 0	53
Birmingham ..	..	..	..	..	..	..
Blackburn ..	36 0	34 0	53	..	..	..
Bolton ..	36 0	35 0	53	..	..	..
Bradford ..	..	..	..	..	..	..
Brighton ..	..	..	..	..	..	..
Bristol ..	36s. to 38s.	36s. to 38s.	54	36 0	39 0	54
Burnley ..	..	..	..	..	..	..
Cardiff ..	..	..	..	..	40 0	47
Derby ..	32 0	32 0	54	..	..	..
Halifax ..	..	..	..	..	..	..
Huddersfield ..	..	..	..	..	..	..
Hull ..	40 0	36 0	53	38 6	41 6	53
Ipswich ..	..	..	..	32 11½	32 11½	56½
Leeds ..	34 0	32 0	53	..	..	..
Leicester ..	..	..	..	..	..	..
Liverpool ..	38 0	36 0	53	39 0	42 0	53
London ..	8d. per hour	8d. per hour	54	42 0	42 0	54
Manchester ..	36 0	36 0	53	34 0	34 0	52
Middlesbrough ..	37 0	36 0	..	38 6	43 0	53
Newcastle-on-Tyne ..	37 0	36 0	53	39 0	43 6	54
Northampton ..	..	..	..	..	..	..
Norwich ..	..	..	..	..	..	..
Nottingham ..	32s. to 34s.	32s. to 34s.	54	..	..	..
Oldham ..	34 0	34 0	53	..	..	..
Plymouth ..	..	..	..	30 0	33 0	54
Portsmouth ..	..	..	..	32 6	34 6	48*
Preston ..	36 0	35 0	..	34 0	37 0	53
Reading ..	..	..	..	..	..	..
Sheffield ..	..	..	..	..	..	..
Southampton ..	..	..	..	37 6	37 6	54
South Shields ..	37 0	36 0	53	39 0	43 6	54
Sunderland ..	37 0	36 0	53	38 6	43 0	53
Swansea ..	..	..	..	36 0	39 0	53
Walsall ..	..	..	..	..	..	..
Wolverhampton ..	..	..	..	..	..	..
<b>SCOTLAND.</b>						
Aberdeen ..	{ 7½d. per hour.	{ 7d. per hour.	51 & 54	34 10½	37 1½	54
Dundee ..	{ 8½d. per hour.	{ 7½d. per hour.	51	37 1½	39 4½	54
Edinburgh ..	..	..	..	38 5†	40 6†	54†
Glasgow ..	..	8d.	..	38 3	40 6	54
<b>IRELAND.</b>						
Belfast ..	38 0	37 0	54	38 3	40 6	54
Cork ..	..	..	..	..	..	..
Dublin ..	34 0	34 0	54	..	..	..

\* H.M. Dockyards. Average for year. † At Leith.

OF LABOUR RECOGNISED AT BEGINNING OF 1903.  
PRINTING TRADES.

work, exclusive of overtime, by the principal Trade Unions. In many cases the Employers' Associations and the Trade Unions.

LITHO-GRAPHIC PRINTERS.	COMPOSITORS (for Hand Composition).						TOWNS.
	Weekly Rate of Wages.			Weekly Hours of Labour.			
	Jobbing.	Weekly Newspapers.	Daily Newspapers (Morning).	Jobbing.	Weekly Newspapers.	Daily Newspapers (Morning).	
<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>				ENGLAND & WALES.
..	38 0	33 0	..	54	54	..	Barrow-in-Furness.
35 0	36 6	36 6	48 6	51	51	50	Birkenhead.
..	34 6	34 6	45 0	52	52	48	Birmingham.
35 0	32 6	32 6	34 0*	52	52	52*	Blackburn.
36 0	33 0	33 0	33 0*	52	52	52*	Bolton.
32 0	32 0	33 0	42 0	51	51	50	Bradford.
32 0	30 0	..	..	54	..	..	Brighton.
33 0	31 6	32 0	40 0	52½	54	54	Bristol.
32 0	31 6	31 6	..	52	52	..	Burnley.
33 0	32 0	32 0	40 0	52½	52½	52½	Cardiff.
33 0	33 0	33 0	38 0	52	52	48	Derby.
33 0	32 6	32 6	..	52	52	..	Halifax.
32 0	30 0	30 0	38 0	51½	51½	51½	Huddersfield
32 0	32 0	32 0	42 0	53	53	50	Hull.
36 0	28 0	28 0	35 0	54	54	50	Ipswich.
34 0	35 6	35 0	46 0	52½	52½	48	Leeds.
34 0	33 6	33 0	38 0	52	52	50	Leicester.
35 0	36 6	36 6	46 6	51	51	50	Liverpool.
40 0	39 0	39 0	..	52½	52½	..	London.
35 0	35 0	35 0	42 0	50	48	48	Manchester.
35 0	32 0	34 0	34 0*	52	52	52*	Middlesbrough.
35 0	35 0	35 0	42 0	52½	52	50	Newcastle-on-Tyne.
..	30 0	31 0	..	52	52	..	Northampton.
32 6	28 0	28 0	40 0	54	54	..	Norwich.
35 0	34 6	35 0	38 0	52	50	50	Nottingham.
..	34 0	34 0	34 0*	51½	51½	51½*	Oldham.
33s. to 40s.	30 0	30 0	33 0	54	54	48	Plymouth.
..	30 0	..	32 0*	54	..	54	Portsmouth.
30 0	32 6	32 6	35 0*	52	..	52*	Preston.
34 0	28 0	28 0	..	53	52	..	Reading.
34 6	35 0	32 0	45 0	51	51	48	Sheffield.
..	34s. to 27s.	..	..	54	..	..	Southampton
..	..	..	..	..	..	..	South Shields.
30 0	33 0	..	35 0*	53	..	53*	Sunderland.
..	31 0	31 0	31 0*	54	54	54*	Swansea.
..	32 0	32 0	..	52	52	..	Walsall.
..	32 6	35 0	35 0*	52	52	52*	Wolverhampton.
							SCOTLAND.
30 0	30 0	30 0	39 6	50	50	50	Aberdeen.
52 0	30 0	32s.6d. & 35s.	42 0	50	50	50	Dundee.
34 0	{ 32s. & 32s.6d. }	{ 32s.6d. & 35s. }	40 0	52½	52½	51	Edinburgh.
34 0	34 0	34s. & 35s.6d.	40 0	50	50	50	Glasgow.
							IRELAND ..
35 0	34 0	34 0	42 0	52½	52½	50	Belfast.
35 0	32 6	32 6	42 0	52	52	48	Cork.
35 0	35 0	..	..	54	..	..	Dublin.

\* Evening newspapers.

**STANDARD RATES OF WAGES AND HOURS OF LABOUR RECOGNISED  
AT BEGINNING OF 1903.**

**CABINET MAKERS, &C.**

NOTE.—The rates given are those recognised as minimum rates by the principal Trade Unions.  
In many cases the rates have been agreed upon between the Employers' Associations and the Trade Unions.

Towns.	CABINET MAKERS, &C.					
	Cabinet Makers.		French Polishers.		Upholsterers.	
	Rates of Wages.	Hours of Labour.	Rates of Wages.	Hours of Labour.	Rates of Wages.	Hours of Labour.
<b>ENGLAND &amp; WALES.</b>						
	<i>d.</i>		<i>d.</i>		<i>d.</i>	
Birkenhead .. .. .	9½	47 to 49½	8	50	36s.*	54
Birmingham .. .. .	8½	54	Pd., 8½d	54	36s.*	54
Blackburn .. .. .	8	51	8	51	8d. to 9d.	51
Bolton .. .. .	8½	54	36s.*	54	8½	..
Bradford .. .. .	7½d. to 8½d.	54	7½	54	7½d., 7½d.	54
Bristol .. .. .	..	..	7	54	8	51
Burnley .. .. .	7½d., 8d.	54	7d., 7½d.	54	8	54
Halifax .. .. .	..	..	8	53	7½	..
Huddersfield .. .. .	7½	54	7½	54	7½	..
Hull .. .. .	7½	53 to 56	7d. to 8d.	53 to 56	7d. to 8d.	53 to 56
Leeds .. .. .	8d. to Pd.	49½ to 52½	8	52½	8d., Pd.	52½, 54
Leicester .. .. .	8½d., 8d.	53½	8	53½	8½	53, 53½
Liverpool .. .. .	9½	47 to 49½	8	50	9	50
London .. .. .	10d. & 10½d.	50	9	53½	8d. to 1s.†	52½ to 54
Manchester .. .. .	9½	48, 53	8	51, 53	9½	48
Middlesbrough .. .. .	8½	55	8	53	..	..
Newcastle-on-Tyne .. .. .	10	50	8½	50	9½	50
Nottingham .. .. .	8d. to Pd.	54	8	54	8½	54
Preston .. .. .	8d. to 8½d	49½ to 54	8	52	7½	..
Sheffield .. .. .	7½d. to 8½d.	54	7d., 7½d.	54	8	54
Sunderland .. .. .	9	50	8½	53	9	50, 53
Swansea .. .. .	8	54	8	54	8	54
<b>SCOTLAND.</b>						
Dundee .. .. .	7d. to 8d.	51	7d. to 7½d.	51	7½	51
Edinburgh .. .. .	8½	51	8	51	8½	51
Glasgow .. .. .	7d. to 10d.	51	7d., 7½d.	51	7d., 7½d., 8½d.	51
<b>IRELAND.</b>						
Belfast .. .. .	8d. to 8½d.	54	36s.*	54	36s.*	54
Dublin .. .. .	36s.*	54	33s. 6d.	54	36s.*	52½

\* Rate per week.

† The rate varies in different districts.

## MINIMUM WEEKLY RATES OF WAGES AND WEEKLY HOURS OF LABOUR OF BOOT AND SHOE OPERATIVES AT BEGINNING OF 1903.

NOTE.—The rates given are those recognised as minimum rates by the employers and the Trade Union, those for towns marked with a \* were fixed by the Local Conciliation Boards or by Umpires or Arbitrators appointed in accordance with the rules of the various Boards.

District.	Minimum Weekly Rate of Wages.				Weekly Hours of Labour.
	Clickers.	Press-men.	Lasters on Time Work.	Finishers on Time Work.	
<b>ENGLAND AND WALES.</b>					
Bristol* ... ..	<i>s. d.</i> 28 0	<i>s. d.</i> 25 0	<i>s. d.</i> 28 0	<i>s. d.</i> 28 0	54
Hinckley* ... ..	26 0	23 0	...	...	54
Ipswich ... ..	26 0	26 0	26 0	26 0	54
Kendal ... ..	27 0	25 0	30 0	...	54
Kettering* ... ..	26 0	22 0	27 0	27 0	54
Leeds* ... ..	28 0	25 0	28 0	28 0	54
Leicester* ... ..	28 0	25 0	28 0	28 0	54
London* ... ..	30 0	25 0	...	...	54
Mansfield ... ..	26 0	26 0	26 0	26 0	54
Newcastle-on-Tyne* ..	28 0	26 0	...	...	54
Northampton* ... ..	28 0	25 0	28 0	28 0	54
Nottingham ... ..	28 0	28 0	28 0	28 0	54
Rushden, Higham Ferrers, and Irthlingborough.*	26 0	22 0	27 0	27 0	54
Stafford ... ..	28 0	25 0	28 0	28 0	54
<b>SCOTLAND.</b>					
Aberdeen, Arbroath, Carn- oustie, Dundee and Kirrie- muir.*	28 0	25 0	28 0	28 0	54
Edinburgh ... ..	...	...	27 0	27 0	54
Glasgow* ... ..	29 0	26 0	29 0	29 0	54
Kilmarnock ... ..	28 0	28 0	28 0	28 0	54
Kilmaurs ... ..	27 0	27 0	27 0	27 0	54

## MINIMUM AND MAXIMUM\* WEEKLY AT BEGINNING

[Compiled from special returns received from various Police Authorities; from the Report on the  
His Majesty's Inspector of Constabulary for Scotland (Cd. 1527 of 1903)]

### (a) City or Borough Police.

CITY OR BOROUGH.	Mini- mum.	Maxi- mum.	CITY OR BOROUGH.	Mini- mum.	Maxi- mum.
ENGLAND AND WALES.			Congleton .. .. .	s. d. 23 0	s. d. 27 2
Accrington .. .. .	s. d. 25 1	s. d. 32 8	Coventry .. .. .	24 7	33 10
Ashton-under-Lyne .. .. .	26 0	36 0	Derby .. .. .	24 0	32 0
Bacup .. .. .	24 0	32 0	Devonport .. .. .	23 6	33 8
Banbury .. .. .	23 4	28 0	Dewsbury .. .. .	24 0	32 0
Barnsley .. .. .	25 0	32 0	Doncaster .. .. .	25 1	32 8
Barnstaple .. .. .	22 0	27 0	Dover .. .. .	25 0	33 0
Barrow-in-Furness .. .. .	26 10	33 10	Durham .. .. .	24 0	33 0
Bath .. .. .	23 0	30 0	Eastbourne .. .. .	25 0	33 2
Bedford .. .. .	24 6	32 6	Exeter .. .. .	22 6	32 0
Berwick-on-Tweed .. .. .	24 0	27 6	Folkestone .. .. .	26 0	33 0
Beverley .. .. .	23 0	29 2	Gateshead .. .. .	24 0	33 0
Birkenhead .. .. .	25 7	35 0	Glossop .. .. .	25 0	31 0
Birmingham .. .. .	24 0	34 0	Grantham .. .. .	23 6	29 0
Blackburn .. .. .	24 0	34 0	Gravesend .. .. .	24 2	33 0
Blackpool .. .. .	25 8	33 10	Great Grimsby .. .. .	24 0	36 0
Bolton .. .. .	25 6	34 6	Great Yarmouth .. .. .	23 0	31 0
Bootle .. .. .	25 7	35 2	Guildford .. .. .	23 0	32 0
Boston .. .. .	23 0	28 0	Halifax .. .. .	24 0	33 0
Bradford .. .. .	24 0	37 0	Hanley .. .. .	25 0	33 11
Bridgwater .. .. .	21 0	28 6	Hartlepool .. .. .	24 6	33 10
Brighton .. .. .	21 0	32 0	Hastings .. .. .	25 0	32 0
Bristol .. .. .	24 0	34 0	Hereford .. .. .	23 6	30 0
Burnley .. .. .	25 0	32 0	Hove .. .. .	26 0	34 2
Cambridge .. .. .	23 7	33 10	Huddersfield .. .. .	24 0	35 0
Canterbury .. .. .	24 0	31 8	Hull .. .. .	24 0	40 0
Cardiff .. .. .	26 0	35 0	Hyde .. .. .	25 0	34 2
Carlisle .. .. .	24 0	36 0	Ipswich .. .. .	23 11	31 11
Carmarthen .. .. .	21 0	27 0	Kendal .. .. .	23 0	29 0
Chester .. .. .	24 0	32 0	Kidderminster .. .. .	23 4	32 0
Chesterfield .. .. .	25 9	33 3	King's Lynn .. .. .	25 8	30 11
Clitheroe .. .. .	25 0	32 0	Lancaster .. .. .	24 0	31 2
Colchester .. .. .	25 1	30 11	Leamington .. .. .	24 0	33 0

\* The maximum rates given in the table include "merit" or "good conduct" pay.



## RATES OF PAY OF POLICE CONSTABLE OF 1903.

*Police (Counties and Boroughs) (H.C. 122 of 1903) for England and Wales; from the Report of and for Ireland from the Constabulary and Police (Ireland) Act, 1833 (46 Vict.).]*

### (a) City or Borough Police—*continued.*

CITY OR BOROUGH.	Mini- mum.	Maxi- mum.	CITY OR BOROUGH.	Mini- mum.	Maxi- mum.
ENGLAND AND WALES — <i>cont.</i>				<i>s. d.</i>	<i>s. d.</i>
Leeds .. .. .	26 0	38 0	Rochester .. .. .	24 0	32 0
Leicester .. .. .	24 0	34 0	Rotherham .. .. .	26 0	32 0
Lincoln .. .. .	24 6	33 2	Ryde .. .. .	23 6	29 0
Liverpool .. .. .	25 7	36 0	St. Albans .. .. .	23 4	30 2
London (City).. .. .	27 0	42 0	St. Helens .. .. .	25 0	32 0
London (Metropolitan) .. .. .	25 6*	33 6*	Salford .. .. .	25 0	33 6
Louth .. .. .	23 0	26 9	Salisbury .. .. .	22 6	29 6
Luton .. .. .	23 4	31 6	Scarborough .. .. .	24 6	32 6
Macclesfield .. .. .	24 0	32 0	Sheffield .. .. .	25 7	34 6
Maidstone .. .. .	24 7	32 11	Shrewsbury .. .. .	23 5	29 0†
Manchester .. .. .	26 6	34 6	Southampton .. .. .	23 0	35 0
Margate.. .. .	24 0	33 4	Southport .. .. .	27 0	34 6
Middlesbrough .. .. .	25 8	33 0	South Shields .. .. .	26 0	33 0
Neath .. .. .	26 0	31 6	Stalybridge .. .. .	26 0	32 0
Newark .. .. .	24 6	33 0	Stockport .. .. .	24 0	32 8
Newcastle-on-Tyne.. .. .	25 0	34 6	Sunderland .. .. .	25 0	34 6
Newcastle-under-Lyme .. .. .	23 11	31 6	Swansea .. .. .	26 0	34 0
Newport (Mon.) .. .. .	26 0	33 6	Tiverton .. .. .	22 0	27 0
Northampton .. .. .	22 0	33 0	Truro .. .. .	21 0	26 8
Norwich .. .. .	24 0	31 0	Tunbridge Wells .. .. .	25 0	34 2
Nottingham .. .. .	26 0	35 6	Tynemouth .. .. .	24 0	33 6
Oldham .. .. .	25 0	33 8	Tyne (River) .. .. .	22 0	29 6
Oxford .. .. .	22 6	36 0	Wakefield .. .. .	24 0	32 0
Penzance .. .. .	21 0	27 0	Walsall .. .. .	25 0	32 0
Peterborough (City) .. .. .	26 0	33 6	Warrington .. .. .	25 0	33 0
Plymouth .. .. .	23 6	33 6	Weymouth .. .. .	24 0	30 9
Portsmouth .. .. .	23 0	33 0	Wigan .. .. .	24 6	35 8
Preston .. .. .	24 0	33 0	Winchester .. .. .	23 0	31 0
Ramsgate .. .. .	24 0	33 2	Windsor .. .. .	25 0	32 0
Reading .. .. .	23 0	33 6	Wolverhampton .. .. .	24 0	32 8
Reigate .. .. .	25 0	34 0	Worcester .. .. .	24 0	33 0
Rochdale .. .. .	24 0	33 0	Wycombe .. .. .	23 0	30 0
			York .. .. .	24 0	33 0

\* In addition, the men are paid an allowance in lieu of coals, and a number of Constables, —approximately one-tenth of the total—receive an extra allowance of 1s. 6d. per week making, in practice, a maximum of 35s. per week.

† Good conduct badges at the rate of 6d. per week per badge are granted for each 5 years' service, clear of report, in addition.

## RATES OF PAY OF POLICE CONSTABLES.

## MINIMUM AND MAXIMUM WEEKLY RATES OF PAY

(a) City or Borough Police—*continued.*

CITY OR BOROUGH.	Mini- mum.	Maxi- mum.	CITY OR BOROUGH.	Mini- mum.	Maxi- mum.
SCOTLAND.*				<i>s. d.</i>	<i>s. d.</i>
	<i>s. d.</i>	<i>s. d.</i>	Greenock .. .. .	25 1	30 11
Aberdeen .. .. .	23 9	29 9	Hamilton .. .. .	23 11	30 11
Airdrie .. .. .	23 11	29 9	Hawick .. .. .	23 4	29 2
Alloa .. .. .	23 11	29 9	Inverness .. .. .	21 7	27 5
Arbroath .. .. .	22 9	28 7	Johnstone .. .. .	23 11	29 9
Ayr .. .. .	23 11	29 9	Kilmarnock .. .. .	23 11	29 9
Brechin .. .. .	22 2	28 0	Kinning Park .. .. .	25 1	30 11
Broughty Ferry .. .. .	23 11	29 9	Kirkcaldy .. .. .	23 11	29 9
Coatbridge .. .. .	25 8	31 6	Leith .. .. .	25 1	30 11
Dumbarton .. .. .	24 6	31 6	Montrose .. .. .	23 2	28 0
Dumfries .. .. .	23 4	29 2	Paisley .. .. .	25 1	30 11
Dundee .. .. .	25 1	30 11	Partick .. .. .	25 1	33 3
Dunfermline .. .. .	23 11	29 9	Perth .. .. .	23 11	29 9
Edinburgh .. .. .	25 0	33 0	Renfrew .. .. .	23 11	29 9
Forfar .. .. .	22 9	28 7	Rothesay .. .. .	24 6	30 4
Galashiels .. .. .	23 4	29 2	Stirling .. .. .	23 11	29 9
Glasgow .. .. .	25 0	33 0	IRELAND.		
Govan .. .. .	25 1	30 11	Dublin (Metropolitan) ..	23 0†	30 0

\* The rates for Constables in Scotland includes boot money.

† This rate is for Constables of under one year's service; the rate of pay for Supernumerary Constables is 15s. 6d. per week.

## (b) County Police.

COUNTY	Mini- mum.	Maxi- mum.	COUNTY.	Mini- mum.	Maxi- mum.
ENGLAND AND WALES.				<i>s. d.</i>	<i>s. d.</i>
Anglesey .. .. .	23 0	27 0	Denbighshire .. .. .	24 0	30 0
Bedfordshire .. .. .	21 0	28 7	Derbyshire .. .. .	24 6	31 6
Berkshire .. .. .	22 9	28 7	Devonshire .. .. .	21 0	28 0
Breconshire .. .. .	23 0	28 0	Dorsetshire .. .. .	21 0	26 3
Buckinghamshire .. .. .	22 6	29 6	Durham .. .. .	25 1	33 10
Cambridgeshire .. .. .	22 2	28 7	Ely (Isle of) .. .. .	22 2	31 7
Cardiganshire .. .. .	22 9	29 2	Essex .. .. .	22 2	29 2
Carmarthenshire .. .. .	23 11	29 9	Flintshire .. .. .	24 0	30 7
Carmarvonshire .. .. .	24 0	30 0	Glamorganshire .. .. .	25 1	31 6
Cheshire .. .. .	25 1	32 8	Gloucestershire .. .. .	21 11	27 11
Cornwall .. .. .	21 0	29 0	Hampshire .. .. .	21 0	28 0
Cumberland .. .. .	23 11	30 11	Herefordshire .. .. .	21 0	26 10

OF POLICE CONSTABLES AT BEGINNING OF 1903—*continued.*

(b) County Police—*continued.*

COUNTY.	Mini- mum.	Maxi- mum.	COUNTY.	Mini- mum.	Maxi- mum.
ENGLAND AND WALES — <i>cont.</i>			SCOTLAND.*		
Hertfordshire .. ..	s. d. 21 7	s. d. 30 2	Aberdeen .. ..	s. d. 21 0	s. d. 29 9
Huntingdonshire .. ..	22 2	28 7	Argyll .. ..	23 2	28 0
Kent .. ..	22 9	29 2	Ayr .. ..	23 11	31 11
Lancashire .. ..	25 1	33 10	Banff .. ..	21 6	28 7
Leicestershire .. ..	23 4	30 2	Berwick .. ..	22 9	28 7
Lincolnshire .. ..	24 0	29 0	Bute .. ..	23 11	31 11
Merionethshire .. ..	24 0	30 0	Caithness .. ..	21 0	26 10
Monmouthshire .. ..	25 1	31 6	Clackmannan .. ..	23 11	29 9
Montgomeryshire .. ..	24 0	30 0	Dumbarton .. ..	23 11	30 11
Norfolk .. ..	22 2	28 0	Dumfries .. ..	22 2	28 0
Northamptonshire .. ..	22 0	31 0	Edinburgh .. ..	23 11	29 9
Northumberland .. ..	23 11	31 6	Elgin .. ..	23 4	29 2
Nottinghamshire .. ..	24 6	30 11	Fife .. ..	23 11	29 9
Oxfordshire .. ..	22 0	29 2	Forfar .. ..	23 11	29 9
Pembrokeshire .. ..	22 2	28 0	Haddington .. ..	23 11	29 9
Peterborough (Liberty) .. ..	22 0	26 6	Inverness .. ..	20 5	27 5
Radnorshire .. ..	23 4	28 0	Kincardine .. ..	22 2	29 9
Rutlandshire .. ..	23 4	29 2	Kinross .. ..	23 11	29 9
Shropshire .. ..	22 2	29 2	Kirkcudbright .. ..	22 2	28 0
Somersetshire .. ..	21 0	28 0	Lanark .. ..	23 11	30 11
Staffordshire .. ..	25 1	32 8	Linlithgow .. ..	23 11	29 9
Suffolk, East .. ..	22 2	28 0	Nairn .. ..	21 9	29 2
Suffolk, West .. ..	22 2	28 0	Peebles .. ..	23 11	29 9
Surrey .. ..	22 9	29 2	Perth .. ..	23 4	29 2
Sussex, East .. ..	22 6	29 0	Renfrew .. ..	23 11	30 11
Sussex, West .. ..	22 2	28 7	Ross and Cromarty .. ..	22 2	28 0
Warwickshire .. ..	23 4	29 2	Roxburgh .. ..	22 9	28 7
Westmorland .. ..	23 11	30 11	Selkirk .. ..	22 9	28 7
Wight, Isle of .. ..	21 0	28 0	Shetland .. ..	23 6	23 6
Wiltshire .. ..	21 0	27 6	Stirling .. ..	23 11	30 11
Worcestershire .. ..	22 2	29 2	Sutherland .. ..	20 5	26 3
York, E. Riding .. ..	22 2	28 0	Wigtown .. ..	22 1	27 11
York, N. Riding .. ..	25 1	31 6			
York, W. Riding .. ..	25 8	33 10			
			IRELAND.		
			Royal Irish Constabulary .. ..	21 0†	27 0
			ISLE OF MAN.		
			Isle of Man .. ..	23 4	30 4

\* The rates for Constables in Scotland includes boot money.  
 † This rate is for Constables of six months' and less than four years' service; the rate of pay for Constables of less than six months' service is 15s. per week.

## PREDOMINANT MONTHLY RATES OF WAGES OF ABLE

(These men are provided with

[ *Compiled from Monthly Returns, showing the number of engagements*

PORT.	VOYAGE.	Monthly Rates of Wages.			
		On Sailing Vessels.	On Steamships.		
		Able Seamen.	Able Seamen.	Firemen.*	Trimmers.
<b>ENGLAND AND WALES.</b>					
<b>East Coast.</b>		<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. l.</i>
Newcastle and Shields.	North America, East Coast .. ..	..	90 0	90 0	..
	South America and West Indies ..	..	90 0	90 0	..
	West Coast of America .. ..	60 0	90 0	90 0	..
	Cape, Natal, and East Coast of Africa	60 0	90 0	90 0	..
	Mediterranean .. ..	..	90 0	90 0	..
	Baltic .. ..	..	90 0	90 0	..
Running Agreements .. ..	..	90 0	90 0	..	
Sunderland .. ..	North America, East Coast .. ..	..	90 0	90 0	..
	South America and West Indies ..	..	90 0	90 0	..
	Mediterranean .. ..	..	90 0	90 0	..
	Running Agreements .. ..	..	90 0	90 0	..
Middlesbrough .. ..	North America, East Coast .. ..	..	90 0	90 0	..
	Running Agreements .. ..	..	90 0	90 0	..
Hull .. ..	North America, East Coast .. ..	..	85 0	90 0	85 0
	East Indies and China .. ..	..	85 0	90 0	..
	Mediterranean .. ..	..	82 6	87 6	..
<b>Bristol Channel.</b>					
Newport (Mon.) .. ..	Mediterranean .. ..	..	90 0	90 0	..
Cardiff .. ..	North America, East Coast .. ..	..	90 0	90 0	..
	South America and West Indies ..	60 0	75 0	75 0	..
	West Coast of America .. ..	60 0	..	..	..
	East Indies and China .. ..	60 0	75 0	75 0	..
	Cape, Natal, and East Coast of Africa	60 0	75 0	75 0	..
	Mediterranean .. ..	..	70s. & 75s.	70s. & 75s.	..
Running Agreements .. ..	..	70s. & 80s.	70s. & 80s.	..	
Penarth .. ..	Mediterranean .. ..	..	75s. & 80s.	75s. & 80s.	..
Barry .. ..	North America, East Coast .. ..	..	90 0	90 0	..
	South America and West Indies ..	60 0	90 0	90 0	..
	West Coast of America .. ..	60 0	..	..	..
	Australia and New Zealand .. ..	60 0	..	..	..
	East Indies and China .. ..	60 0	90 0	90 0	..
	Cape, Natal, and East Coast of Africa	60 0	90 0	90 0	..
	Mediterranean .. ..	..	90 0	90 0	..
Running Agreements .. ..	..	90 0	90 0	..	

\* Many Firemen also act as Trimmers.

## SEAMEN, FIREMEN AND TRIMMERS AT END OF 1902.

Food in addition to Wages.)

at each rate, furnished by the Superintendents of Mercantile Marine.]

PORT.	VOYAGE.	Monthly Rates of Wages.			
		On Sailing Vessels.	On Steamships.		
			Able Seamen.	Firemen.*	Trimmers.
<b>ENGLAND AND WALES—cont.</b>					
<b>Bristol Channel—cont.</b>		<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>
Swansea .. ..	North America, East Coast .. ..	.. ..	85 0	90 0	.. ..
	West Coast of America .. ..	60 0	.. ..	85 0	90 0
	Mediterranean .. ..	.. ..	85 0	90 0	.. ..
	Running Agreements .. ..	.. ..	85 0	90 0	.. ..
Bristol .. ..	North America, East Coast .. ..	.. ..	70 0	75 0	.. ..
Avonmouth .. ..	North America, East Coast .. ..	.. ..	80 0	85 0	80 0
	South America and West Indies .. ..	.. ..	75 0	80 0	75 0
<b>Other Ports.</b>					
Liverpool .. ..	North America, East Coast .. ..	60 0	80s. & 90s.	90s. & 100s.	80s. & 90s.
	South America and West Indies .. ..	.. ..	70s. & 80s.	80s. & 90s.	70s. & 80s.
	West Coast of America .. ..	60 0	70 0	80 0	70 0
	Australia and New Zealand .. ..	60 0	70 0	80 0	70 0
	East Indies and China .. ..	60 0	80 0	80 0	.. ..
	West Coast of Africa .. ..	.. ..	60 0	70 0	60 0
	Mediterranean .. ..	.. ..	70 0	80 0	65 0
	Baltic .. ..	.. ..	75 0	80 0	.. ..
Running Agreements .. ..	.. ..	75 0	80 0	.. ..	
London .. ..	North America, East Coast .. ..	60 0	90 0	100 0	90 0
	South America and West Indies .. ..	.. ..	80 0	90 0	80 0
	West Coast of America .. ..	60 0	.. ..	.. ..	.. ..
	Australia and New Zealand .. ..	60 0	80 0	90 0	80 0
	East Indies and China .. ..	.. ..	80 0	90 0	.. ..
	Cape, Natal, and East Coast of Africa .. ..	60 0	80 0	90 0	80 0
Southampton .. ..	Mediterranean .. ..	.. ..	80s. & 85s.	85s. & 90s.	.. ..
	Running Agreements .. ..	.. ..	85 0	90 0	.. ..
Southampton .. ..	South America and West Indies .. ..	.. ..	80 0	85 0	75 0
	Cape, Natal, and East Coast of Africa .. ..	.. ..	80 0	85 0	80 0
<b>SCOTLAND.</b>					
Glasgow .. ..	North America, East Coast .. ..	.. ..	80 0	80 0	60 0
	Australia and New Zealand .. ..	60 0	.. ..	.. ..	.. ..
	Mediterranean .. ..	.. ..	80 0	80 0	.. ..
	Running Agreements .. ..	.. ..	80 0	80 0	60 0
<b>IRELAND.</b>					
Dublin .. ..	North America, East Coast .. ..	.. ..	90 0	95 0	90 0
Belfast .. ..	North America, East Coast .. ..	.. ..	85 0	90 0	85 0

## CHANGES IN RATES OF WAGES

## SUMMARY.\*†

	1894.	1895.	1896.	1897.	1898.	1899.	1900.	1901.	1902.
<b>Number of Changes Recorded.</b>									
Increases .. ..	608	624	1,471	1,411	1,345	1,569	1,371	638	531
Decreases .. ..	171	180	136	107	61	24	47	331	150
<b>Total ..</b>	<b>779</b>	<b>804</b>	<b>1,607</b>	<b>1,518</b>	<b>1,406</b>	<b>1,593</b>	<b>1,418</b>	<b>969</b>	<b>471</b>
<b>Aggregate Number of Workpeople Affected.‡</b>									
By increases ..	331,011	33,981	553,744	635,907	1,536,271	2,495,364	2,785,826	912,796	576,216
„ decreases ..	917,737	917,732	369,297	46,675	38,632	133,394	59,002	1,663,108	1,680,307
<b>Total ..</b>	<b>1,238,738</b>	<b>1,011,703</b>	<b>923,041</b>	<b>682,582</b>	<b>1,574,903</b>	<b>2,629,258</b>	<b>2,824,827</b>	<b>2,565,894</b>	<b>2,056,523</b>
<b>Number of Separate Individuals Affected.</b>									
By increases ..	175,615	79,867	382,226	560,707	1,003,290	1,174,444	1,112,684	429,715	91,812
„ decreases ..	488,857	351,895	167,357	13,855	11,865	1,132	23,010	492,518	793,041
„ equalising changes§	6,414	4,956	58,073	22,882	14	..	92	9,893	5,503
<b>Total ..</b>	<b>670,886</b>	<b>436,718</b>	<b>607,654</b>	<b>597,444</b>	<b>1,015,169</b>	<b>1,175,576</b>	<b>1,135,786</b>	<b>932,126</b>	<b>890,356</b>
<b>Total Computed Amount of Change per Week.</b>									
Increases .. ..	£ 17,495	£ 7,303	£ 41,352	£ 34,249	£ 82,250	£ 92,598	£ 212,195	£ 40,789	£ 5,536
Decreases .. ..	62,698	35,514	14,700	2,742	1,435	1,693	2,822	118,132	78,027
<b>Net result  </b>	<b>- 45,091</b>	<b>- 28,211</b>	<b>+ 26,592</b>	<b>+ 31,507</b>	<b>+ 80,815</b>	<b>+ 90,905</b>	<b>+ 309,373</b>	<b>- 77,343</b>	<b>- 72,701</b>

\* For all trades except seamen, railway servants, and agricultural labourers.

† The figures have been compiled from the Annual Reports of the Board of Trade on Changes in Wages and Hours.

‡ Counting individuals as many times as their wages changed.

§ Upward and downward changes, leaving wages at the same level at the end of the year as at the beginning.

| Increase (+), Decrease (-).

CHANGES IN WAGES CLASSIFIED BY INDUSTRIES.\*

Trade.	Number of separate individuals whose Weekly Rates of Wages were Increased.					
	1897.	1898.	1899.	1900.	1901.	1902.
Building .. .. .	83,219	74,725	66,242	69,863	29,598	12,401
Mining and Quarrying	249,270	673,905	666,583	701,419	325,249	12,388
Metal, &c. .. ..	176,918	212,261	156,311	88,198	14,467	46,529
Textile .. .. .	3,984	3,376	232,423	125,089	2,911	2,066
Clothing .. .. .	1,939	1,065	2,704	8,431	5,265	2,612
Miscellaneous .. ..	24,490	25,819	50,652	87,902	24,610	7,925
Public Authorities ..	20,977	12,159	19,524	31,734	27,615	7,871
<b>Totals ..</b>	<b>580,707</b>	<b>1,003,290</b>	<b>1,174,444</b>	<b>1,112,664</b>	<b>429,715</b>	<b>91,812</b>
	Number of separate individuals whose Weekly Rates of Wages were Decreased.					
Building .. .. .	..	..	..	8,697	10,089	3,089
Mining and Quarrying	1,319	..	..	4,018	392,023	739,990
Metal, &c. .. ..	7,768	3,295	310	7,037	87,499	49,725
Textile .. .. .	4,115	5,602	231	..	187	21
Clothing .. .. .	..	1,500	500	..	9	500
Miscellaneous .. ..	648	1,468	91	3,249	2,728	2,716
Public Authorities ..	5	..	..	9	13	..
<b>Totals ..</b>	<b>13,855</b>	<b>11,865</b>	<b>1,132</b>	<b>23,010</b>	<b>492,518</b>	<b>793,041</b>
	Aggregate Net Amount of Increase (+) or Decrease (-) in the Weekly Wages of those affected.					
Building .. .. .	+ £ 8,833	+ £ 7,739	+ £ 6,040	+ £ 6,640	+ £ 1,943	+ £ 926
Mining and Quarrying	+ 6,909	+ 57,680	+ 54,151	+ 168,362	- 62,635	- 73,316
Metal, &c. .. ..	+ 11,366	+ 12,450	+ 20,441	+ 16,285	- 21,121	- 1,545
Textile .. .. .	+ 77	- 159	+ 5,871	+ 6,010	+ 290	+ 142
Clothing .. .. .	+ 189	+ 48	+ 180	+ 917	+ 691	+ 291
Miscellaneous .. ..	+ 2,619	+ 2,200	+ 2,474	+ 8,567	+ 1,656	+ 199
Public Authorities ..	+ 1,514	+ 857	+ 1,148	+ 2,592	+ 1,833	+ 602
<b>Totals ..</b>	<b>+ 31,507</b>	<b>+ 80,815</b>	<b>+ 90,905</b>	<b>+ 209,373</b>	<b>- 77,343</b>	<b>- 72,701</b>

\* The figures have been compiled from the Annual Reports of the Board of Trade on Changes in Wages and Hours.

## METHODS BY WHICH CHANGES IN WAGES WERE ARRANGED.

Groups of Trades.	Number of separate individuals whose wages were changed in 1902.								
	Without stoppage of work.				After stoppage of work.				
	Under Sliding Scales.*	By Conciliation or Mediation.†	By Arbitration.	By Mutual Arrangement or otherwise.	Total.	By Conciliation or Mediation.	By Arbitration.	By Mutual Arrangement or otherwise.	Total.
Building trades...	..	..	2,500	8,404	10,904	180	1,457	3,084	4,671
Mining and quarrying.	140,337	505,272	100	98,930	744,639	..	..	4,739	4,739
Metal, engineering and ship-building.	32,651	31,687	..	36,550	100,888	6	..	778	784
Textile trades ..	..	..	..	1,317	1,317	..	..	790	790
Clothing trades ..	..	..	..	2,783	2,783	..	..	329	329
Miscellaneous trades.	..	..	..	9,155	9,155	..	..	1,496	1,496
Employees of public authorities.	..	..	..	7,871	7,871	..	..	..	..
TOTALS in 1902	172,968	538,959	2,900	165,010	877,557	186	1,457	11,208	12,799
" 1901	191,205	485,000	11,508	219,860	917,573	180	667	13,708	14,553
" 1900	183,889	469,520	5,327	421,590	1,080,326	1,030	3,780	50,150	54,960
" 1899	178,018	364,616	11,838	587,033	1,141,303	1,581	1,452	31,240	34,273
" 1898	169,047	25,659	3,350	764,578	963,134	1,015	2,050	48,970	52,035
" 1897	135,618	11,796	307	405,492	553,913	1,460	1,959	40,812	44,231

\* Including workpeople who, in addition to sliding scale changes, were affected by further changes arranged by other methods.

† Including workpeople who, in addition to changes arranged by Conciliation Boards, were affected by further changes arranged by other methods, except when such changes were brought about by strike or arbitration, when they have been included under these heads.

## EARNINGS OF RAILWAY SERVANTS.

Year.	Number of Workpeople employed.				Average Wages per Head.			
	England & Wales (15 companies.)	Scotland. (5 companies.)	Ireland. (7 companies.)	Total. (27 companies.)	England & Wales. (15 companies.)	Scotland. (5 companies.)	Ireland. (7 companies.)	Total. (27 companies.)
First week of December:—					<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>
1897 .. ..	339,883	40,871	17,354	398,108	24 10½	22 5½	19 5	24 4½
1898 .. ..	353,785	41,148	17,371	412,304	25 1½	22 7½	19 4½	24 7½
1899 .. ..	371,490	42,660	17,708	431,858	25 0½	22 10½	19 4½	25 3
1900 .. ..	379,750	42,461	18,136	440,347	25 7	22 11	19 5½	25 0½
1901 .. ..	378,121	43,710	18,726	440,557	25 0½	23 1½	19 5	25 0½
1902 .. ..	383,683	45,240	19,306	448,229	25 5½	23 1½	19 3½	24 11½

Note.—The workpeople included in the table are those employed in the coaching, goods, locomotive, and engineers' departments of the Railway Companies. The 27 Companies making returns employ over 90 per cent. of all the railway servants in the United Kingdom. The figures have been compiled from the Annual Reports of the Board of Trade on Changes in Wages and Hours.



CHANGES IN WAGES OF SEAMEN\*—FOREIGN-GOING VESSELS.

Principal Ports.	Approximate Average Change* in Monthly Rates in					
	1897.	1898.	1899.	1900.	1901.	1902.
<b>Able Seamen on Sailing Vessels.</b>						
	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>
East Coast .. .. . (Newcastle, Shields, Sunderland, Middlesbro', Hull, and Grimsby).	+0 6	-0 4	+4 4	-1 5	-0 11	-0 3
Cardiff .. .. .	+4 10	-1 8	+1 6	+0 2	-0 1	-0 1
Bristol, Avonmouth, Newport and Swansea.	+4 7	-1 8	+1 10	+1 1	+0 2	-1 0
Liverpool .. .. .	+0 1	+0 3	+2 7	+2 3	+0 6	-0 1
London .. .. .	..	+0 2	+5 1	+1 4	-1 2	-0 5
Scotland .. .. . (Glasgow, Leith, Burntisland, Methil and Grangemouth).	+0 2	+0 3	+5 3	+0 1	+0 2	-0 11
Dublin and Belfast .. ..	+1 7	-0 10	+2 7	+1 2	-0 8	-3 2
All the above Ports .. ..	+2 0	-0 11	+3 3	+0 9	-0 2	-0 4
<b>Able Seamen on Steamships.</b>						
	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>
East Coast .. .. . (Newcastle, Shields, Sunderland, Middlesbro', Hull and Grimsby).	+1 5	+3 8	+4 4	-0 5	+0 1	-0 2
Cardiff .. .. .	+7 5	+1 9	+5 7	-2 0	-0 8	-5 0
Bristol, Avonmouth, Newport and Swansea.	+6 1	+1 2	+7 2	-0 3	+0 3	-5 3
Liverpool .. .. .	+0 1	+0 4	+0 5	-0 2	+0 4	..
London .. .. .	+0 5	+0 7	+6 4	+1 9	+0 5	-0 8
Southampton .. .. .	-0 4	-0 3	+0 1	+1 0	+0 6	+1 0
Scotland .. .. . (Glasgow, Leith, Burntisland, Methil and Grangemouth).	+0 8	+1 1	+2 7	+0 10	-0 7	..
Dublin and Belfast .. ..	+6 4	..	+6 3	+0 5	-0 4	-0 2
All the above Ports .. ..	+2 5	+1 6	+3 5	-0 3	+0 1	-1 4
<b>Firemen and Trimmers.</b>						
	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>
East Coast .. .. . (Newcastle, Shields, Sunderland, Middlesbro', Hull and Grimsby).	+1 4	+3 8	+4 6	-0 6	+0 1	-0 2
Cardiff .. .. .	+4 8	+0 9	+5 8	-2 2	-0 8	-4 5
Bristol, Avonmouth, Newport and Swansea.	+4 4	+1 4	+6 3	-0 2	+0 7	-5 4
Liverpool .. .. .	-0 1	-0 1	+0 6	+0 1	+0 3	-0 4
London .. .. .	+0 5	+0 6	+6 9	+1 4	+0 3	-0 7
Southampton .. .. .	-0 2	+0 5	..	-0 1	+0 2	-0 4
Scotland .. .. . (Glasgow, Leith, Burntisland, Methil and Grangemouth).	+1 4	+1 4	+1 3	+0 6	-1 1	-0 6
Dublin and Belfast .. ..	+6 5	+0 2	+6 0	+0 6	-0 8	-0 1
All the above Ports .. ..	+1 3	+1 4	+3 0	-0 1	+0 1	-1 4

\* The figures have been compiled from the Annual Reports of the Board of Trade on Changes in Wages and Hours. Increase (+); Decrease (-).

**CHANGES IN WAGES OF AGRICULTURAL LABOURERS  
(MEN) IN ENGLAND AND WALES.\***

(a) CLASSIFIED BY NUMBER AND AMOUNT.

—	1897.	1898.	1899.	1900.	1901.	1902.
<b>Total number of Labourers in Districts in which the predominant rates of wages—</b>						
Increased .. .. .	82,453	213,938	185,191	281,262	159,456	66,601
Decreased .. .. .	4,932	2,740	248	..	13,088	53,468
<b>Computed amount of change in weekly cash wages of the labourers in Districts affected—</b>	£	£	£	£	£	£
Increases .. .. .	2,536	7,241	6,474	9,989	4,449	2,063
Decreases .. .. .	125	55	5	..	497	1,663
<b>Net result—Increase (+), decrease (-).</b>	<b>+ 2,411</b>	<b>+ 7,186</b>	<b>+ 6,469</b>	<b>+ 9,989</b>	<b>+ 3,952</b>	<b>+ 400</b>

(b) CLASSIFIED BY DISTRICTS.

Year.	England.				Wales.	Total England and Wales.
	Northern Counties.	Yorkshire, Lancashire, and Cheshire.	Eastern and Midland Counties.	Southern and Western Counties.		
<b>Total number of labourers in districts affected by changes.</b>						
1897 .. ..	6,156	2,264	58,078	17,968	2,909	<b>87,365</b>
1898 .. ..	2,151	5,111	156,791	46,687	5,938	<b>216,678</b>
1899 .. ..	7,256	12,536	121,474	51,704	2,469	<b>195,439</b>
1900 .. ..	16,634	21,049	177,566	63,245	2,768	<b>281,262</b>
1901 .. ..	11,701	11,208	95,935	50,828	3,070	<b>172,542</b>
1902 .. ..	8,642	9,143	67,534	33,913	687	<b>120,069</b>
<b>Computed amount of change in weekly cash wages of the labourers in districts affected.†</b>						
1897 .. ..	+ 148	+ 83	+ 1,728	+ 478	- 25	<b>+ 2,411</b>
1898 .. ..	+ 49	+ 173	+ 5,454	+ 1,345	+ 166	<b>+ 7,186</b>
1899 .. ..	+ 239	+ 408	+ 4,116	+ 1,600	+ 108	<b>+ 6,469</b>
1900 .. ..	+ 714	+ 718	+ 6,327	+ 2,014	+ 166	<b>+ 9,939</b>
1901 .. ..	+ 447	+ 389	+ 1,616	+ 1,394	+ 106	<b>+ 3,952</b>
1902 .. ..	+ 106	- 37	- 480	+ 771	+ 17	<b>+ 400</b>

\* The figures are extracted from Board of Trade Report on Change in Wages and Hours of Labour.

† Increase (+); Decrease (-).

**PERCENTAGE CHANGES\* IN COAL HEWERS' WAGES.**

*(The figures show for each year the net percentage additions to or reductions from the Standard Rates.)*

Year.	Federated Districts.†	South Wales and Monmouthshire.	Durham.	Northumberland.	West Scotland.	Fife and Clackmannan.
	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.
1886 (October to December).	..	- 2½	..	..	..	..
1887 .. .. .	..	- 2½	..	- 12½	+ 4½	+ 10
1888 .. .. .	+ 10	+ 5	..	+ 5	+ 10½	- 5
1889 .. .. .	+ 10	+ 17½	+ 21½	+ 27½	+ 41½	+ 32½
1890 .. .. .	+ 20	+ 27½	+ 5	+ 11½	..	+ 12½
<b>Percentage above Standards of Hewers' Wages at end of 1890</b>	<b>40</b>	<b>52½</b>	<b>30</b>	<b>31½</b>	<b>50</b>	<b>50</b>
1891 .. .. .	..	+ 1½	+ 5	- 1½	..	..
1892 .. .. .	..	- 31½	- 10	- 10	- 25	- 25
1893 .. .. .	..	- 2½	..	..	+ 25	+ 12½
1894 .. .. .	- 10	+ 1½	..	- 2½	- 25	- 12½
1895 .. .. .	..	- 8½	- 10	- 10	- 12½	- 12½
1896 .. .. .	..	- 2½	..	- 5½	..	- 12½
<b>Percentage above Standards of Hewers' Wages at end of 1896</b>	<b>30</b>	<b>10</b>	<b>15</b>	<b>3½</b>	<b>12½</b>	<b>At Standard</b>
1897 .. .. .	..	+ 1½	+ 2½	+ 2½	..	+ 12½
1898 .. .. .	+ 2½	+ 8½	+ 7½	+ 12½	+ 57½	+ 20
1899 .. .. .	+ 7½	+ 10	+ 8½	+ 6½	+ 6½	+ 11½
1900 .. .. .	+ 10	+ 43½	+ 31½	+ 36½	+ 43½	+ 48
1901 .. .. .	+ 10	- 7½	- 25	- 22½	- 50	- 50
1902 .. .. .	- 10	- 17½	- 6½	- 12½	- 6½	- 6½
<b>Net percentage Increase between October 1886 and 31st Dec. 1902.</b>	<b>50</b>	<b>41½</b>	<b>30</b>	<b>26½</b>	<b>50</b>	<b>41½</b>
<b>Percentage above Standards of Hewers' Wages at end of 1902</b>	<b>50</b>	<b>48½</b>	<b>33½</b>	<b>26½</b>	<b>43½</b>	<b>41½</b>

\* Increase (+), Decrease (-).

† Including Yorkshire, Lancashire, Cheshire, Derby, Nottingham, Leicester, Salop, part of Stafford and part of Worcester, Warwick, Bristol and N. Wales.

## CHANGES IN RATES OF WAGES.

## WAGES OF COTTON OPERATIVES.

(The statement shows the percentage that wages were above (+) or below (-)  
List prices at the end of each year.)

END OF YEAR.	COTTON SPINNING.		COTTON WEAVING.
	Bolton List.	Oldham List.	Blackburn and Uniform Lists.
	Per cent.	Per cent.	Per cent.
1853	•	•	Blackburn list adopted +10
1854	•	•	List prices
1855	•	•	List prices
1856	•	•	List prices
1857	•	•	List prices
1858	List adopted	•	List prices
1859	List prices	•	List prices
1860	+5	•	+ 5
1861	List prices	•	List prices
1862	List prices	•	List prices
1863	List prices	•	List prices
1864	List prices	•	List prices
1865	List prices	•	List prices
1866	+5	•	List prices
1867	List prices	•	List revised
1868	List prices	•	List prices
1869	-5	•	- 5
1870	-5	•	List prices
1871	List prices	•	List prices
1872	+5	•	List prices
1873	+5	•	List prices
1874	List prices	•	List prices
1875	+5	•	List prices
1876	+5	List adopted	List prices
1877	List prices	- 5	List prices
1878	List prices	- 15	-10
1879	-10	-20	-15
1880	- 5	-15	-15
1881	- 5	-10	-10
1882	- 5	-10	-10
1883	- 5	-10	-15
1884	- 5	-10	-10
1885	-10	-15	-10
1886	-10	-15	-10
1887	-10	-15	-10
1888	- 5	-10	-10
1889	- 5	-10	-10
1890	List prices	-10	-10
1891	List prices	- 5	-10
1892	List prices	- 5	Uniform list adopted -10
1893	List prices	- 7½	-10
1894	List prices	- 7½	-10
1895	List prices	- 7½	-10
1896	List prices	- 7½	-10
1897	List prices	- 7½	-10
1898	List prices	- 7½	-10
1899	List prices	- 5	- 7½
1900	+ 5	List prices	- 7½
1901	+ 5	List prices	- 7½
1902	+ 5	List prices	- 7½

\* It is not possible to give particulars for years prior to the adoption of the District lists

**PERCENTAGE CHANGES IN RATES OF WAGES IN THE FLAX AND JUTE TRADES IN DUNDEE SINCE 1873.**

Date of Change.	Amount of Change.		Date of Change.	Amount of Change.	
	Increases.	Decreases.		Increases.	Decreases.
1873.	Per Cent.	Per Cent.	1885.	Per Cent.	Per Cent.
July ... ..	5	...	March ... ..	...	5
			September ...	...	2½ to 5
1875.			1886.		
May ... ..	...	10	June ... ..	...	5
July ... ..	...	5			
November ...	5	...	1887.		
			January ... ..	5	...
1877.					
August ... ..	...	5	1888.		
			September ...	5	...
1878.			December ...	5	...
November ...	...	5			
			1889.		
1879.			September ...	5	...
February ...	...	5			
December ...	5	...	1890.		
			February ... ..	5†	...
1883.*					
January ... ..	5	...	1892.		
August ... ..	5	...	May ... ..	...	5
1884.			1899.		
March ... ..	...	5	December ...	5	...
July ... ..	...	5			
November ...	...	5†	1900, 1901 & 1902.	No general changes.	

\* In September, 1882, mechanics' wages were advanced 5 per cent., but no alteration was made in the wages of other workpeople.

† This reduction affected the wages of piece-workers and mechanics only; the mill hands on set wages were not reduced.

‡ This advance was to the mill workers, including reelers and winders, and did not affect factory workers and mechanics.

## CHANGES IN HOURS OF LABOUR.

## SUMMARY.\*†

—	1894.	1895.	1896.	1897.	1898.	1899.	1900.	1901.	1902.
<b>Number of Changes recorded.</b>									
Increases.. ..	2	12	22	7	9	4	4	6	11
Decreases .. ..	219	129	223	247	193	205	154	111	81
Total .. ..	221	141	245	254	202	209	158	117	92
<b>Number of separate individuals affected.</b>									
By increases .. ..	128	1,287	73,616	1,060	1,277	2,600	809	586	5,534
.. decreases .. ..	77,030	21,448	34,655	69,572	37,772	33,349	56,857	23,690	1,061,983
Total .. ..	77,158	22,735	108,271	70,632	39,049	35,949	57,726	29,276	1,067,507
<b>Net computed amount of reduction per week.</b>									
	Hours.	Hours.	Hours.	Hours.	Hours.	Hours.	Hours.	Hours.	Hours.
Aggregate .. ..	311,545	44,105	78,533	284,675	81,917	127,142	138,043	58,728	1,024,868

\* For all trades except seamen, railway servants, and agricultural labourers.

† The figures have been compiled from the Annual Reports of the Board of Trade on Changes in Wages and Hours.

CHANGES IN HOURS OF LABOUR CLASSIFIED BY INDUSTRIES.\*

Trade.	Number of separate individuals whose Weekly Hours of Labour were Increased.					
	1897.	1898.	1899.	1900.	1901.	1902.
Building .. .. .	..	994	2,050	735	286	5,500
Mining and Quarrying ..	55	..	550	..	..	..
Metal, &c. .. .. .	150	123	..	..	302	24
Textile .. .. .	..	..	..	..	..	..
Clothing .. .. .	..	55	..	..	..	..
Miscellaneous .. .. .	150	106	..	134	..	..
Public Authorities .. ..	705	..	..	..	46	..
<b>Total .. .. .</b>	<b>1,060</b>	<b>1,377</b>	<b>2,600</b>	<b>869</b>	<b>586</b>	<b>5,524</b>
	Number of separate individuals whose Weekly Hours of Labour were Decreased.					
Building .. .. .	16,084	18,818	8,013	8,376	4,261	9,140
Mining and Quarrying ..	77	786	3,228	27,610	1,072	566
Metal, &c. .. .. .	29,930	4,900	7,270	3,792	1,470	472
Textile .. .. .	273	42	118	79	65	1,037,000
Clothing .. .. .	..	2,544	2,563	2,306	152	755
Miscellaneous .. .. .	21,067	8,852	6,476	12,153	20,842	3,701
Public Authorities .. ..	2,141	1,890	5,681	2,541	828	349
<b>Total .. .. .</b>	<b>69,572</b>	<b>37,772</b>	<b>33,349</b>	<b>56,867</b>	<b>26,690</b>	<b>1,051,983</b>
	Aggregate Net Reduction in the Weekly Hours of Labour of those affected.					
Building .. .. .	Hours. 18,966	Hours. 26,168	Hours. 9,350	Hours. 8,016	Hours. 3,719	Hours. 2,960
Mining and Quarrying ..	307	2,912	12,762	185,642	10,377	5,040
Metal, &c. .. .. .	180,102	14,474	32,043	15,379	4,002	2,910
Textile .. .. .	970	157	118	198	143	997,500
Clothing .. .. .	..	4,966	5,980	6,156	222	1,638
Miscellaneous .. .. .	71,345	25,538	18,558	80,119	35,750	12,196
Public Authorities .. ..	12,985	7,905	48,361	12,533	4,515	2,622
<b>Total .. .. .</b>	<b>284,675</b>	<b>81,917</b>	<b>127,142</b>	<b>288,043</b>	<b>58,728</b>	<b>1,024,866</b>

\* The figures have been compiled from the Annual Reports of the Board of Trade on Changes in Wages and Hours.

## WAGES AND EARNINGS OF ORDINARY AGRICULTURAL

[Compiled from Report on Wages and Earnings of Agricultural

County.	Average Rate of Cash Wages per Week in 1898.	Average Value of Extra Earnings and Allowances per Week.	Average Total Weekly Earnings in 1898.
<b>ENGLAND.</b>			
<b>Northern Counties.</b>			
	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>
Northumberland ... ..	17 0†	3 2	20 2†
Durham ... ..	18 0†	2 9	20 9†
Cumberland and Westmorland ... ..	17 0†	1 9	18 9†
Lancashire ... ..	18 1	1 3	19 4
Yorkshire, East Riding ... ..	15 4	3 2	18 6
" North Riding ... ..	17 0	1 8	18 8
" West Riding ... ..	16 4	2 3	18 7
<b>Midland Counties.</b>			
Derbyshire... ..	18 2	1 9	19 11
Cheshire ... ..	16 2	1 10	18 0
Nottinghamshire ... ..	16 7	2 7	19 2
Leicestershire and Rutland ... ..	15 2	2 0	17 2
Staffordshire ... ..	15 5	2 6	17 11
Shropshire ... ..	14 1	3 4	17 5
Worcestershire ... ..	14 2	2 11	17 1
Warwickshire ... ..	14 8	1 6	16 2
Oxfordshire ... ..	12 1	2 7	14 8
Northamptonshire ... ..	14 5	2 3	16 8
Buckinghamshire ... ..	13 4	1 10	15 2
Middlesex ... ..	17 0	2 5	19 5
Hertfordshire ... ..	12 11	3 2	16 1
Bedfordshire ... ..	12 11	3 3	16 2
<b>Eastern Counties.</b>			
Huntingdonshire ... ..	12 11	2 5	15 4
Cambridgeshire ... ..	12 4	4 1	16 5
Lincolnshire ... ..	14 10	2 11	17 9
Norfolk ... ..	11 10	2 11	14 9
Suffolk ... ..	11 5	3 0	14 5
Essex ... ..	12 7	2 11	15 6

\* The term "Ordinary Agricultural Labourers" covers :—

In England and Ireland—Labourers (except men specially in charge of horses, cattle and sheep) regularly employed on farms and in receipt of weekly cash wages.

In Wales—"Married Labourers" only, i.e., the men who live in cottages.

In Scotland—All classes of horsemen. Consequently no separate Table is given on pages 64-5 for men in charge of horses in Scotland.



# AGRICULTURAL LABOURERS.

## LABOURERS\*—1898.

*Labourers in the United Kingdom (Cd.—346 of 1900).]*

County.	Average Rate of Cash Wages per Week in 1898.	Average Value of Extra Earnings and Allowances per Week.	Average Total Weekly Earnings in 1898.
<b>ENGLAND—continued.</b>			
<b>Southern and South-Western Counties.</b>			
	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>
Kent ... ..	16 4	3 6	19 10
Surrey ... ..	15 7	3 5	19 0
Sussex ... ..	14 2	3 8	17 10
Hampshire ... ..	12 8	3 11	16 7
Berkshire ... ..	18 1	2 0	15 1
Wiltshire ... ..	11 9	3 8	15 0
Dorsetshire ... ..	11 8	3 1	14 9
Somersetshire ... ..	12 6	3 4	15 10
Herefordshire ... ..	12 8	3 2	15 10
Monmouthshire ... ..	14 7	2 1	16 8
Gloucestershire ... ..	12 0	3 1	15 1
Devonshire ... ..	12 11	3 5	16 4
Cornwall ... ..	13 8	2 11	16 7
<b>Wales.</b>			
Flintshire .. ..	16 0	1 3	17 3
Denbighshire ... ..	16 2	0 7	16 9
Carnarvonshire ... ..	16 7	0 7	17 2
Anglesey ... ..	15 0	0 6	15 6
Merionethshire ... ..	15 7	0 10	16 5
Montgomeryshire ... ..	14 7	0 10	15 5
Cardiganshire ... ..	14 0	0 9	14 9
Radnorshire ... ..	13 0	2 6	15 6
Brecknockshire ... ..	15 7	1 1	16 8
Carmarthenshire ... ..	16 0	0 7	16 7
Pembrokeshire ... ..	14 7	1 3	15 10
Glamorganshire ... ..	18 0	1 1	19 1

† The figures for Northumberland and Durham relate to hinds (ploughmen) and for Cumberland and Westmorland to "married labourers." Spade hinds in Northumberland may be taken to have frequently earned about 3*d.* a week more than the amount quoted.

## 60 WAGES AND EARNINGS OF AGRICULTURAL LABOURERS.

## ORDINARY AGRICULTURAL

[Compiled from the Report on Wages and Earnings of Agricultural

County.	Average Rate of Cash Wages per Week in 1898.	Average Value of Extra Earnings and Allowances per Week.	Average Total Weekly Earnings in 1898.
	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>
SCOTLAND.			
Shetland, Orkney, and Caithness ...	6 6	7 6	14 0
Sutherlandshire ... ..	9 0	7 8	16 8
Ross and Cromarty ... ..	9 4	7 3	16 7
Inverness-shire ... ..	11 2	5 10	17 0
Nairnshire ... ..	11 0	5 11	16 11
Elginshire ... ..	11 4	5 8	17 0
Banffshire ... ..	11 6	6 5	17 11
Aberdeenshire ... ..	11 3	6 8	17 11
Kincardineshire ... ..	11 7	6 6	18 1
Forfarshire ... ..	13 0	5 7	18 7
Perthshire ... ..	12 10	5 4	18 2
Fife-shire, Kinross-shire, and Clack- mannanshire.	12 5	6 0	18 5
Stirlingshire and Dumbartonshire ...	17 8	3 6	21 2
Argyllshire and Bute ... ..	13 2	4 8	17 10
Renfrewshire ... ..	18 11	2 10	21 9
Ayrshire ... ..	15 6	3 8	19 2
Lanarkshire ... ..	17 9	3 8	21 5
Linlithgowshire ... ..	15 11	3 6	19 5
Edinburgh ... ..	16 8	2 10	19 6
Haddingtonshire ... ..	15 9	2 11	18 8
Berwickshire ... ..	14 8	3 6	18 2
Peebles-shire ... ..	13 10	4 5	18 3
Selkirkshire ... ..	14 8	3 6	18 2 <sup>p</sup>
Roxburghshire ... ..	13 9	4 1	17 10
Dumfries-shire ... ..	13 7	4 0	17 7
Kirkcudbright ... ..	13 6	3 9	17 3
Wigtownshire ... ..	11 6	5 2	16 8

\* See note (\*) on p. 58.

LABOURERS, 1898\*—*continued.**Labourers in the United Kingdom (Cd.—346 of 1900).]*

County.	Average Rate of Cash Wages per Week in 1898.	Average Value of Extra Earnings and Allowances per Week.	Average Total Weekly Earnings in 1898.
<b>IRELAND.</b>			
<i>s. d.</i> <i>s. d.</i> <i>s. d.</i>			
<b>Ulster.</b>			
Antrim ... ..	12 0	0 4	12 4
Armagh ... ..	10 0	0 11	10 11
Cavan ... ..	9 0	0 9	9 9
Donegal ... ..	8 0	1 1	9 1
Down ... ..	12 0	0 5	12 5
Fermanagh ... ..	9 0	0 11	9 11
Londonderry ... ..	9 0	1 2	10 2
Monaghan ... ..	9 0	0 9	9 9
Tyrone ... ..	9 0	0 10	9 10
<b>Munster.</b>			
Clare ... ..	8 2	0 7	8 9
Cork ... ..	9 0	0 8	9 8
Kerry ... ..	9 7	0 1	9 8
Limerick ... ..	9 7	0 7	10 2
Tipperary ... ..	10 0	0 4	10 4
Waterford ... ..	10 0	0 6	10 6
<b>Leinster.</b>			
Carlow ... ..	10 0	0 8	10 8
Dublin ... ..	12 0	0 7	12 7
Kildare ... ..	10 0	0 6	10 6
Kilkenny ... ..	9 0	0 6	9 6
King's County ... ..	9 7	0 9	10 4
Longford ... ..	8 2	1 2	9 4
Louth ... ..	9 0	1 1	10 1
Meath ... ..	8 7	1 0	9 7
Queen's County ... ..	10 0	0 6	10 6
Westmeath... ..	8 7	0 8	9 3
Wexford ... ..	9 0	0 7	9 7
Wicklow ... ..	10 0	0 9	10 9
<b>Connaught.</b>			
Galway ... ..	9 7	0 1	9 8
Leitrim ... ..	8 5	0 8	9 1
Mayo ... ..	8 5	0 2	8 7
Roscommon ... ..	8 5	0 4	8 9
Sligo ... ..	8 5	0 4	8 9

## 62 WAGES AND EARNINGS OF AGRICULTURAL LABOURERS.

## HORSEMEN, CATTLEMEN, AND

[Compiled from the Report on Wages and Earnings of Agricultural

County.	Men in Charge of Horses.			Men in
	Average Rate of Cash Wages per Week in 1896.	Average Value of Extra Earnings and Allowances per Week.	Average Total Weekly Earnings in 1896.	Average Rate of Cash Wages per Week in 1896.
<b>ENGLAND.</b>				
<b>Northern Counties.</b>				
	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>
Lancashire (South) .. .. .	20 5	0 6	20 11	19 3
Yorkshire, East Riding .. .. .	16 8	1 6	18 2	17 5
" North Riding .. .. .	16 8	1 10	18 6	17 0
" West Riding.. .. .	17 9	1 8	19 5	17 7
<b>Midland Counties.</b>				
Derbyshire .. .. .	18 6	1 4	19 10	18 2
Cheshire .. .. .	17 7	1 1	18 8	17 1
Nottinghamshire .. .. .	18 0	3 0	21 0	17 5
Leicestershire and Rutland .. .. .	16 9	1 10	18 7	16 4
Staffordshire .. .. .	16 3	2 4	18 7	16 6
Shropshire .. .. .	14 11	3 7	18 6	15 2
Worcestershire .. .. .	14 8	2 8	17 4	14 10
Warwickshire .. .. .	16 1	2 4	18 5	16 1
Oxfordshire .. .. .	14 1	2 7	16 8	14 1
Northamptonshire .. .. .	15 6	2 8	18 2	14 10
Buckinghamshire.. .. .	14 11	1 7	16 6	15 0
Middlesex .. .. .	19 2	1 7	20 9	20 2
Hertfordshire .. .. .	15 4	2 4	17 8	16 0
Bedfordshire .. .. .	15 3	1 11	17 2	15 6
<b>Eastern Counties.</b>				
Huntingdonshire .. .. .	14 8	2 11	17 7	14 7
Cambridgeshire .. .. .	13 9	2 7	16 4	15 4
Lincolnshire .. .. .	16 8†	3 0	19 8	17 0†
Norfolk .. .. .	13 6	2 8	16 4	13 8
Suffolk .. .. .	13 2	2 8	15 10	13 4
Essex.. .. .	14 10	2 11	17 9	15 1
<b>Southern and South-Western Counties.</b>				
Kent .. .. .	17 2	2 11	20 1	17 3
Surrey .. .. .	17 6	2 6	20 0	18 8
Sussex.. .. .	16 1	2 7	18 8	16 6
Hampshire .. .. .	13 7	3 5	17 0	14 2
Berkshire .. .. .	13 7	3 5	17 0	14 11
Wiltshire .. .. .	12 11	2 11	15 10	13 2
Dorsetshire .. .. .	12 8	3 0	15 8	12 10
Somersetshire .. .. .	13 8	2 8	16 4	13 7
Herefordshire .. .. .	13 10	3 0	16 10	13 11
Monmouthshire .. .. .	15 6	2 7	18 1	16 1
Gloucestershire .. .. .	13 9	2 8	16 5	14 1
Devonshire .. .. .	13 5	3 2	16 7	14 1
Cornwall .. .. .	13 8	3 1	16 9	13 10

\* Many of the farms are small and shepherds,

† On a large number of farms the rates of wages are lower than those quoted, viz., potatoes, firewood, &amp;c—bring the earnings

**SHEPHERDS, ENGLAND—1898.**

*Labourers in the United Kingdom (Cb.—346 of 1900.)*

Charge of Cattle.		Shepherds.			County.
Average Value of Extra Earnings and Allowances per Week.	Average Total Weekly Earnings in 1898.	Average Rate of Cash Wages per Week in 1898.	Average Value of Extra Earnings and Allowances per Week.	Average Total Weekly Earnings in 1898.	
<b>ENGLAND.</b>					
<b>Northern Counties.</b>					
<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	
0 6	19 9	—	—	—	Lancashire (South).
1 7	19 0	17 6	1 8	19 2	Yorkshire, East Riding.
1 10	18 10	17 3	1 10	19 1	" North Riding.
1 8	19 3	—*	—	—*	" West Riding.
<b>Midland Counties.</b>					
1 3	19 4	—*	—	—*	Derbyshire.
0 10	17 11	16 3	1 0	17 3	Cheshire.
2 10	20 3	17 11	2 10	20 9	Nottinghamshire.
2 3	18 7	16 9	2 4	19 1	Leicestershire and Rutland.
2 4	18 10	18 8	2 6	19 2	Staffordshire.
3 2	18 4	15 8	3 1	18 9	Shropshire.
2 8	17 6	15 0	2 4	17 4	Worcestershire.
2 4	18 5	16 9	2 4	19 1	Warwickshire.
2 4	18 6	13 11	2 9	18 8	Oxfordshire.
2 6	17 4	15 9	3 1	18 10	Northamptonshire.
1 4	18 4	14 9	1 6	16 3	Buckinghamshire.
0 9	20 11	—	—	—	Middlesex.
1 11	17 11	14 10	3 6	18 4	Hertfordshire.
1 11	17 5	15 2	1 11	17 1	Bedfordshire.
<b>Eastern Counties.</b>					
2 8	17 3	14 7	2 8	17 3	Huntingdonshire.
2 4	17 8	14 6	2 11	17 5	Cambridgeshire.
2 7	19 7	17 5†	2 7	20 0	Lincolnshire.
2 8	16 4	13 10	4 0	17 10	Norfolk.
2 6	15 10	13 7	4 5	18 0	Suffolk.
2 6	17 7	15 4	3 10	19 2	Essex.
<b>Southern and South-Western Counties.</b>					
2 8	19 11	17 5	2 4	19 9	Kent.
2 4	21 0	17 1	2 6	19 7	Surrey.
2 6	19 0	16 4	2 6	18 10	Sussex.
3 3	17 5	13 8	3 6	17 2	Hampshire.
3 5	18 4	13 6	3 6	17 0	Berkshire.
2 6	15 8	12 11	3 8	16 7	Wiltshire.
3 5	16 3	13 0	3 2	16 2	Dorsetshire.
2 6	16 1	14 0	2 10	16 10	Somersetshire.
2 10	18 9	14 4	3 0	17 4	Herefordshire.
2 2	18 3	16 4	2 8	19 0	Monmouthshire.
2 0	16 1	14 1	2 8	16 9	Gloucestershire.
3 2	17 3	14 4	2 10	17 2	Devonshire.
3 1	16 11	14 1	3 8	17 9	Cornwall.

as a class, are frequently not to be found, from about 11s. to 14s., but in such cases the value of allowances—such as pork, up to about the same level as shown above.

## CATTLEMEN, SHEPHERDS AND

[Compiled from the Report on Wages and Earnings of Agricultural

County.	Men in Charge of Cattle.			Shep-
	Average Rate of Cash Wages per Week in 1898.	Average Value of Extra Earnings and Allowances per Week.	Average Total Weekly Earnings in 1898.	Average Rate of Cash Wages per Week in 1898.
<b>SCOTLAND.</b>				
	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>
Shetland, Orkney, and Caithness	†	†	†	8 2
Sutherlandshire ... ..	†	†	†	9 8
Ross and Cromarty ... ..	9 10	7 2	17 0	10 0
Inverness-shire ... ..	11 2	5 9	16 11	10 6
Nairnshire ... ..	10 2	5 10	16 0	} 11 2
Elginshire ... ..	11 3	5 7	16 10	
Banffshire ... ..	11 8	6 3	17 11	12 3
Aberdeenshire ... ..	10 7	6 9	17 4	12 3
Kincardineshire ... ..	11 9	6 6	18 3	11 5
Forfarshire ... ..	13 6	5 11	19 5	13 9
Perthshire ... ..	12 4	5 7	17 11	12 6
Fifeshire, Kinross-shire, and Clackmannanshire.	12 5	6 3	18 8	12 1
Stirlingshire and Dumbartonshire	†	†	†	†
Argyllshire and Bute ... ..	13 2	4 7	17 9	10 2
Renfrewshire ... ..	†	†	†	†
Ayrshire ... ..	†	†	†	12 0
Lanarkshire... ..	†	†	†	†
Linlithgowshire ... ..	16 0	2 10	18 10	†
Edinburgh ... ..	15 10	3 0	18 10	15 8
Haddingtonshire ... ..	16 0	2 10	18 10	15 3
Berwickshire ... ..	13 7	4 8	18 3	13 3
Peebles-shire ... ..	15 0	3 11	18 11	12 1
Selkirkshire ... ..	†	†	†	12 8
Roxburghshire ... ..	13 1	4 6	17 7	10 3
Dumfries-shire ... ..	12 4	5 1	17 5	12 1
Kirkcudbright ... ..	13 11	3 10	17 9	13 5
Wigtownshire ... ..	12 4	4 8	17 0	12 6

\* Men in charge of horses are included in the Table on pp. 58-61.

**ORRAMEN, SCOTLAND—1898.\***

*Labourers in the United Kingdom. (Cd.—346 of 1900.)]*

herds.		Orramen.			County.
Average Value of Extra Earnings and Allowances per Week.	Average Total Weekly Earnings in 1898.	Average Rate of Cash Wages per Week in 1898.	Average Value of Extra Earnings and Allowances per Week.	Average Total Weekly Earnings in 1898.	
<b>SCOTLAND.</b>					
<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	
10 3	18 5	5 11	7 6	13 5	Shetland, Orkney, and Caithness.
8 8	18 4	12 10	3 0	15 10	Sutherlandshire.
7 4	17 4	12 8	3 3	15 11	Ross and Cromarty.
6 5	16 11	†	†	†	Inverness-shire.
5 4	16 6	8 4	7 0	15 4	Nairnshire.
		10 8	5 0	15 8	Elginshire.
6 1	18 4	12 0	4 10	16 10	Banffshire.
5 10	18 1	10 9	5 9	16 6	Aberdeenshire.
7 2	18 7	10 8	7 5	18 1	Kincardineshire.
5 7	19 4	14 3	4 6	18 9	Forfarshire.
5 3	17 9	14 8	2 7	17 3	Perthshire.
6 4	18 5	15 3	2 11	18 2	Fifeshire, Kinross-shire, and Clackmannanshire.
†	†	17 9	2 6	20 3	Stirlingshire and Dumbartonshire.
7 10	18 0	12 3	4 2	16 5	Argyllshire and Bute.
†	†	†	†	†	Renfrewshire.
7 7	19 7	†	†	†	Ayrshire.
†	†	16 1	4 1	20 2	Lanarkshire.
†	†	17 8	1 8	19 4	Linlithgowshire.
4 5	20 1	17 0	2 3	19 3	Edinburgh.
4 7	19 10	15 11	2 7	18 6	Haddingtonshire.
7 0	20 3	15 3	3 3	18 6	Berwickshire.
6 10	18 11	15 11	3 3	19 2	Peebles-shire.
7 1	19 9	†	†	†	Selkirkshire.
8 5	18 8	14 8	4 0	18 8	Roxburghshire.
7 2	19 3	13 7	3 5	17 0	Dumfries-shire.
5 1	18 6	14 10	2 1	16 11	Kirkcudbright.
6 6	19 0	12 8	4 3	16 11	Wigtownshire.

† The number of men of this class included in the Returns was too small for computation.

ORDINARY AGRICULTURAL LABOURERS,

[Compiled from Returns

Year.		Average Cash Wages per Week of Ordinary Labourers employed on certain farms in England and Wales.									
		Northern Counties. (8 farms.)		Midland Counties. (22 farms.)		Eastern Counties. (13 farms.)		Southern and South-Western Counties. (21 farms.)		England and Wales. (67 farms.)	
		s.	d.	s.	d.	s.	d.	s.	d.	s.	d.
1850	..	11	5	9	8½	8	7½	8	5½	9	3½
1851	..	11	4½	9	8½	8	3½	8	5½	9	3½
1852	..	11	4½	9	7½	8	6½	8	6	9	3
1853	..	11	10½	10	4½	9	11	9	0½	9	11½
1854	..	12	7½	11	2½	11	1½	9	5½	10	9
1855	..	12	9	11	5½	11	5	9	10	11	0½
1856	..	13	4½	11	6	11	4½	9	9½	11	1½
1857	..	13	7	11	3½	10	10	9	10	10	11½
1858	..	13	5½	10	10½	10	4½	9	10	10	9
1859	..	13	6½	10	9½	10	1½	9	9½	10	8½
1860	..	13	7½	11	0½	10	7½	9	11½	10	11
1861	..	13	3½	10	2½	10	9½	10	1	11	0½
1862	..	13	7½	11	3½	10	5½	10	1	11	0½
1863	..	13	7½	11	3½	10	0½	10	2½	10	11½
1864	..	13	7½	11	3½	10	2	10	3½	11	0½
1865	..	13	9½	11	4½	10	3½	10	6	11	2½
1866	..	14	2½	11	6½	11	0½	10	8	11	6
1867	..	14	3½	12	2½	11	8½	10	10½	11	11½
1868	..	14	7½	12	2½	11	8½	10	10½	12	0½
1869	..	14	9	12	0	11	1½	10	9½	11	10
1870	..	14	10½	12	0½	11	0½	10	10½	11	10½
1871	..	15	2½	12	2½	11	6½	10	11½	12	0½
1872	..	15	10½	12	0½	12	4	11	4	12	8½
1873	..	17	2½	12	9½	12	0½	11	6½	13	3½
1874	..	17	9½	14	0½	12	2½	11	8	13	6½
1875	..	17	10	14	1	12	11½	11	8½	13	6½
1876	..	17	8½	14	1½	12	0½	11	11½	13	6½
1877	..	17	9½	14	1½	12	10½	12	0½	13	8
1878	..	17	5½	14	0½	12	0	12	0½	13	7½
1879	..	16	7½	12	8½	12	5½	12	0	13	3½
1880	..	16	8½	12	8	12	0½	12	0½	13	2½
1881	..	16	8½	12	7½	11	11½	12	0½	13	2½
1882	..	16	9½	12	7	12	0½	12	1½	13	2½
1883	..	16	10½	12	7½	12	0½	12	1½	13	2½
1884	..	16	11½	12	6½	11	11	12	1½	13	2½
1885	..	16	11½	12	3½	11	4½	12	1	13	0
1886	..	16	8½	12	2½	11	2	11	11½	12	10½
1887	..	16	6½	12	11	10	11½	11	11½	12	8½
1888	..	16	8	12	10½	10	8	12	1	12	8½
1889	..	16	8	12	11	10	11½	12	2	12	9½
1890	..	16	11½	12	3½	11	0½	12	4½	13	0½
1891	..	17	3	12	5½	11	8½	12	5½	13	4
1892	..	17	4½	12	7½	11	8	12	7	13	5
1893	..	17	4½	12	6	11	4	12	6½	13	3½
1894	..	17	4½	12	4½	11	0½	12	6½	13	2½
1895	..	17	4½	12	4½	11	0	12	7	13	2½
1896	..	17	4½	12	5½	11	1½	12	8½	13	3½
1897	..	17	4½	12	6½	11	5½	12	9½	13	5
1898	..	17	5½	12	8½	12	5	13	0	13	8½
1899	..	17	6½	14	0½	12	6	13	1½	13	11
1900	..	18	11	14	5	13	0½	13	8½	14	5½
1901	..	18	2½	14	5	13	1½	13	10	14	7
1902	..	18	2½	14	5	13	1½	13	10½	14	7



ENGLAND AND WALES—1850-1902.

furnished to the Department.]

Percentage Fluctuations in Wages, as compared with 1871.					Year.
Northern Counties. (8 farms.)	Midland Counties. (22 farms.)	Eastern Counties. (13 farms.)	Southern and South-Western Counties. (21 farms.)	England and Wales. (67 farms.)	
75.2	79.5	74.9	77.3	77.0	1850
74.8	79.4	72.0	77.5	76.3	1851
74.8	79.0	74.0	77.7	76.7	1852
78.2	84.8	83.1	82.7	82.7	1853
83.0	81.8	86.7	86.3	85.1	1854
84.0	84.0	89.1	89.9	81.5	1855
87.9	84.2	88.7	89.7	82.1	1856
89.4	82.3	94.0	89.9	86.8	1857
88.6	86.9	89.9	89.9	85.1	1858
89.2	88.6	87.7	89.5	85.6	1859
89.8	90.3	92.0	91.0	89.5	1860
90.3	91.6	93.5	92.2	91.7	1861
89.7	92.7	90.8	92.2	91.4	1862
89.6	92.5	87.2	93.5	91.9	1863
89.6	92.3	86.2	94.3	91.4	1864
90.9	93.2	89.3	96.0	92.7	1865
93.6	94.7	95.8	97.5	95.3	1866
94.0	99.8	100.0	99.2	95.9	1867
96.4	99.8	101.4	99.6	99.7	1868
97.1	98.3	96.7	98.9	98.1	1869
97.9	98.6	96.0	99.4	98.3	1870
100.0	100.0	100.0	100.0	100.0	1871
104.4	106.7	107.1	103.6	105.2	1872
113.4	112.8	113.0	105.5	110.4	1873
116.6	115.0	114.6	108.7	112.1	1874
117.4	115.4	112.5	108.9	112.3	1875
116.6	115.5	113.4	109.3	112.3	1876
117.0	115.9	111.8	110.1	112.3	1877
115.1	115.0	112.8	110.3	113.0	1878
109.3	112.3	108.0	109.7	110.0	1879
110.2	111.9	104.7	110.1	109.3	1880
110.0	111.6	104.0	110.3	109.2	1881
110.6	111.3	104.7	110.7	109.5	1882
111.1	111.8	104.3	110.9	109.8	1883
111.8	110.8	103.4	110.7	109.3	1884
111.5	109.0	98.7	110.5	107.8	1885
109.9	108.4	98.9	109.1	106.7	1886
109.1	105.8	95.1	109.5	105.5	1887
109.7	105.5	92.6	110.5	105.2	1888
109.7	105.8	94.9	111.2	106.0	1889
111.5	108.7	95.7	113.3	108.1	1890
113.6	110.4	102.5	113.9	110.5	1891
114.4	111.6	101.3	115.0	111.2	1892
114.4	110.6	98.4	114.9	110.2	1893
114.4	109.7	96.0	114.9	109.7	1894
114.4	109.7	95.5	115.0	109.7	1895
114.4	110.4	96.4	116.4	110.4	1896
114.4	110.8	99.5	117.0	111.2	1897
114.8	112.3	106.3	118.9	113.6	1898
115.1	114.8	108.5	120.2	115.4	1899
119.3	118.1	113.0	125.3	120.0	1900
120.0	118.1	113.9	126.5	120.9	1901
120.0	118.1	113.9	126.7	120.9	1902

## AVERAGE RATES OF WAGES IN

[Extracted from Reports by Board of Trade on  
C. 5807, C. 6161, C. 6455,

(N.B.—No Census of Rates of Wages in the United Kingdom has been taken  
was higher than in October, 1886, especially

Trades.	AVERAGE WEEKLY RATES OF WAGES* AT OCTOBER, 1886, OF			
	MEN.	LADS and BOYS.	WOMEN.	GIRLS.
<b>Metal Trades :—</b>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>
Pig iron (blast furnaces) ...	24 6	10 8	...	...
Iron and steel shipbuilding ...	29 3	12 2	...	...
Engineering, &c. ...	25 9	9 1	...	...
Tinplate workers ...	33 5	11 3	10 4	6 11
Brass work and metal wares...	29 7	8 5	12 11	6 2
<b>Mining and Quarrying :—</b>				
Coal, iron ore, and ironstone mines	22 11	10 9	8 2	5 7
Metalliferous mines ...	16 6	7 0	5 10	4 9
Shale mines and paraffin oil works.	25 0	10 6	...	...
Slate mines and quarries ...	22 1	8 0	...	...
Granite quarries and works ...	21 11	8 3	...	...
Stone quarries ...	23 10	9 10	...	...
China clay and china stone works.	18 8	8 9	6 9	...
<b>Textile Trades :—</b>				
Cotton manufacture ...	25 3	9 4	15 3	6 10
Woollen manufacture...	23 2	8 6	13 3	7 5
Worsted and stuff manufac- ture.	23 4	6 6	11 11	6 2
Linen manufacture ...	19 9	6 3	8 11	4 11
Jute manufacture ...	19 4	6 8	9 7	4 8
Hemp, manilla, cocoa fibre, &c. manufacture.	23 6	6 0	9 8	5 1
Silk manufacture ...	22 3	7 2	10 1	5 8
Carpet manufacture ...	26 7	8 4	11 1	6 11
Hosiery manufacture ...	24 5	9 6	11 6	8 3
Lace manufacture ...	27 3	9 4	12 8	6 2
Smallwares manufacture ...	20 2	6 9	10 9	5 9
Flock and shoddy manufac- ture.	21 2	10 5	9 9	4 6
Hair, elastic web, and lamp and candle wick manufac- ture.	25 0	7 5	9 10	5 11

\* The rates of wages quoted are for a full week's work, exclusive of overtime. in most of the industries included above will be found in the Seventh Abstract issues.

## VARIOUS INDUSTRIES AT OCTOBER, 1886.

*Rates of Wages in the United Kingdom.—  
C. 6715, and C. 6889.]*

since 1886. It is known, however, that at the end of 1902 the general level of wages in the metal and mining industries.]

Trades.	AVERAGE WEEKLY RATES OF WAGES* AT OCTOBER, 1886, OF			
	MEN.	LADS and BOYS.	WOMEN.	GIRLS.
<b>Printing and Engraving Trades :—</b>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>
Large works ... ..	33 8	8 7	11 9	5 7
Small works ... ..	29 2	7 0	10 7	6 2
Newspaper printing works ...	37 1	8 4	12 2	6 6
<b>Woodworking Trades :—</b>				
Saw mills ... ..	24 3	8 10	...	...
Wood shipbuilding ... ..	28 4	6 5	...	...
Cooperage works ... ..	30 5	7 9	...	...
Coach and carriage building...	26 6	6 8	...	...
Railway carriage and waggon building.	25 2	10 6	13 3	7 0
<b>Miscellaneous Trades :—</b>				
Boot and shoe factories ...	24 3	8 4	12 6	5 6
Breweries ... ..	24 3	9 9	...	...
Distilleries ... ..	20 4	9 10	9 5	...
Chemical manure works ...	23 0	9 10	8 9	...
Brick and tile works ... ..	22 10	9 0	9 4	7 7
<b>Employees of Local Authorities, Gas and Water Companies :—</b>				
Police ... ..	27 5	...	...	...
Roads, pavements, and sewers	20 9	9 6	9 0†	
Gasworks ... ..	27 2	12 3	...	...
Waterworks ... ..	24 9	11 1	...	...

Detailed Tables showing the average rates of wages in the principal occupations of Labour Statistics of the United Kingdom (Cd. 495 of 1901) and also in earlier

† Women and Girls.

## THE PROFIT-SHARING SYSTEM.

*Compiled from Report of the Board of Trade on Profit-Sharing (C. 7458 of 1894),  
with additions and corrections based upon later information.]*

### PROFIT-SHARING SCHEMES IN UNITED KINGDOM.

Year.	Number of Schemes started by Firms in each Year.	Number of such Schemes		
		That have since ceased to exist.	As to which particulars could not be obtained.	Known to be in operation at 30th June 1902.
1829 ... ..	1	1	...	...
1865 ... ..	6	4	...	2
1866 ... ..	6	5	...	1
1867 ... ..	4	3	1	...
1868 ... ..	1	1	...	...
1870 ... ..	1	1	...	...
1871 ... ..	2	2	...	...
1872 ... ..	4	4	...	...
1873 ... ..	2	1	...	1
1874 ... ..	1	1	...	...
1876 ... ..	3	1	1	1
1878 ... ..	2	...	...	2
1880 ... ..	2	1	...	1
1881 ... ..	3	1	...	2
1882 ... ..	2	1	...	1
1883 ... ..	3	2	1	...
1884 ... ..	3	1	...	2
1885 ... ..	2	2	...	...
1886 ... ..	6	2	1	3
1887 ... ..	7	4	...	3
1888 ... ..	6	2	1	3
1889 ... ..	20	10	...	10
1890 ... ..	32	18	2	12
1891 ... ..	15	12	1	2
1892 ... ..	17	9	2	6
1893 ... ..	5	4	...	1
1894 ... ..	5	2	...	3
1895 ... ..	8	7	..	1
1896 ... ..	4	2	...	2
1897 ... ..	3	...	...	3
1898 ... ..	3	...	...	3
1899 ... ..	2	1	...	1
1900 ... ..	4	1	...	3
1901 ... ..	3	...	...	3
1902 (6 months)	...	...	...	...
Total ...	188	106	10	72

**TRADES IN WHICH PROFIT-SHARING SCHEMES HAVE BEEN  
ADOPTED.**

Nature of Business.	Number of Businesses			Number of Persons employed in Businesses in which Profit-sharing was known to exist at	
	In which Profit-sharing having been instituted no longer exists.	As to which particulars could not be obtained.	In which Profit-sharing was known to exist at 30th June 1902.	30th June 1902.	30th June 1901.
Building trades .. ..	6	..	3	162	156
Mining and quarrying ..	4	.	..	..	..
Metal, engineering and ship-building trades:—					
Metal .. .. .	7	..	3	1,185	988
Engineering and ship-building.	10	..	7	24,282	27,814
Textile trades .. .. .	7	..	5	3,285	3,849
Clothing trades .. .. .	8	..	3	671	669
Transport .. .. .	1	..	..	..	..
Agriculture .. .. .	9	1	4	266	380
Printing, paper and allied trades:—					
Printing .. .. .	12	3	8	1,874	1,795
Other .. .. .	2	..	3	761	772
Woodworking and furnishing trades.	4	..	1	59	52
Chemical, glass, pottery, &c.	6		4	1,839	2,072
Food and tobacco .. ..	10	..	6	2,765	6,508
Gas works and tar distilling	..	..	5	7,372	6,580
Other businesses .. ..	20	4	20	2,750	2,726
<b>Total .. .. .</b>	<b>106</b>	<b>10</b>	<b>72</b>	<b>47,371</b>	<b>53,254</b>

## CAUSES OF CESSATION OF PROFIT-SHARING SCHEMES.

Causes of Cessation.	Number of Profit-sharing Schemes that have ceased to exist since 1899.
Death of employer .. .. .	2
Job finished .. .. .	2
Enterprise abandoned .. .. .	3
Liquidation or dissolution .. .. .	18
Changes in, or transfer of business .. .. .	9
Losses or want of success .. .. .	18
Diminution of profits .. .. .	2
Apathy of employees .. .. .	8
Dissatisfaction of employees and grant of increased wages .. .. .	1
Disputes with employees .. .. .	3
Dissatisfaction of employers with results .. .. .	26
Grant of shorter hours .. .. .	2
Substitution of fixed rate of interest .. .. .	1
Special circumstances .. .. .	5
Cause not known .. .. .	6
Total at 30th June 1903 .. .. .	106

## RATIO OF BONUS TO WAGES UNDER PROFIT-SHARING SCHEMES.

Ratio of Bonus allotted to Wages in Cases referred to in Cols. 2 and 5. (1.)	1900.			1901.		
	Number of Cases.* (2.)	Number of Employees. (3.)	Number of Participants. (4.)	Number of Cases.* (5.)	Number of Employees. (6.)	Number of Participants. (7.)
Nil .. .. .	12	2,551	..	13	3,177	..
Under 1 per cent. .. .. .	2	268	218	..	..	..
1 and under 3 per cent.	6	1,470	902	10	1,503	1,116
3 " 5 " "	7	1,128	696	13	7,290	4,835
5 " 7 " "	16	5,420	2,835	9	3,310	2,638
7 " 9 " "	5	5,805	4,482	4	950	517
9 " 11 " "	3	790	322	3	879	404
11 " 13 " "	3	1,931	1,265	1	100	100
13 " 15 " "	3	241	229	1	163	153
15 " 16 " "	1	150	150	1	1,900	1,226
16 " 17 " "	1	143	129	..	..	..
38 " 39 " "	1	3,220	3,173	..	..	..
39 " 40 " "	1	..	..	1	86	42
40 " 41 " "	1	82	37	..	..	..
Total .. .. .	61	22,999	14,438	56	19,297	10,916
MEAN BONUS in all cases.	6·2 per cent. on wages.			4·6 per cent. on wages.		
AVERAGE BONUS in the cases in which bonus was paid, taking into account the number of participants in each case.	14·5 per cent. on wages.			6·0 per cent. on wages.		

\* In 1 case, in which the bonus is calculated separately for distinct branches of a business, the ratios are stated separately for each branch.

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§ III.—PRICES.

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## PRICES.

## INDEX NUMBERS OF WHOLESALE PRICES.\*

[These Index Numbers have been obtained by weighting the percentages for the 45 articles on pages 75 to 83 by their estimated consumption.]

Year.	Index No. for all the 45 Articles.	Groups into which the 45 selected articles have been classified.						
		I. Coal and Metals.	II. Textiles (Raw Materials).	III. Food and Drink.				Group IV. Miscellaneous.
				III. A. Corn, &c.	III. B. Meat, Fish and Dairy Produce.	III. C. Sugar, Tea, Wine and Tobacco, &c.	Total Group III.	
1871	100·0	100·0	100·0	100·0	100·0	100·0	100·0	100·0
1872	110·6	154·1	114·0	104·0	102·0	102·0	102·7	105·1
1873	118·8	194·8	110·2	109·7	109·3	98·1	108·2	109·5
1874	113·6	158·8	102·6	110·8	110·1	94·9	108·6	108·4
1875	107·8	126·3	100·2	99·9	116·6	93·9	107·3	99·3
1876	104·2	107·2	93·6	98·7	117·2	90·7	106·8	97·9
1877	105·3	99·9	91·7	107·9	114·9	96·9	110·3	97·3
1878	99·3	92·9	88·5	98·9	112·2	88·4	104·2	88·3
1879	94·9	86·8	84·1	97·4	106·7	85·2	100·5	81·5
1880	97·4	94·9	88·6	98·0	106·6	86·2	100·8	89·2
1881	95·7	91·1	87·0	94·9	106·7	84·4	99·4	88·5
1882	97·3	91·8	84·1	95·3	112·0	83·6	102·3	89·1
1883	96·5	90·3	82·0	93·9	113·7	80·9	102·1	87·5
1884	88·3	86·4	79·8	81·1	104·7	70·7	91·4	82·2
1885	83·0	82·1	75·7	76·7	96·3	66·7	85·1	80·2
1886	78·5	78·8	69·0	71·8	92·7	63·7	81·1	73·8
1887	76·7	80·1	70·7	71·2	88·2	61·4	78·3	69·3
1888	79·3	83·0	70·0	71·7	94·0	65·0	81·8	71·0
1889	80·8	94·1	72·4	70·6	92·8	68·0	81·1	74·3
1890	82·8	113·6	72·9	72·0	91·7	63·8	80·6	72·9
1891	84·1	106·6	70·1	83·2	91·1	64·8	84·9	70·1
1892	80·1	98·8	66·1	73·4	91·8	63·9	81·3	68·1
1893	78·7	89·4	66·6	68·3	95·2	65·0	81·1	66·2
1894	75·1	91·7	60·8	63·1	92·2	59·5	76·9	62·7
1895	72·2	85·8	57·7	62·2	88·2	56·2	74·2	62·6
1896	69·8	83·3	64·0	57·6	81·9	57·0	69·4	63·6
1897	71·3	84·4	59·7	62·7	84·6	54·9	72·4	63·9
1898	73·6	92·7	54·8	73·1	81·8	54·2	75·1	66·5
1899	74·5	107·5	57·2	63·7	85·8	52·5	73·2	67·9
1900	83·2	151·9	70·0	62·4	90·3	52·4	74·9	74·3
1901	79·2	124·7	65·7	64·0	89·8	50·1	75·3	71·7
1902	78·8	114·9	65·0	63·7	94·4	46·1	76·7	69·2

\* Extracted from Report on Wholesale and Retail Prices—H.C. 321, 1903.



## COAL AND METALS.

## PERCENTAGE VARIATIONS IN PRICES.\*

Percentage Increase or Decrease of prices in each of the years 1872-1902 as compared with 1871.

## GROUP I.

Year.	Coal and Metals.						
	Coal.	Pig Iron.	Copper (Ore and Regulus).	Crude Zinc.	Block Tin.	Lead.	Total Other Metals.
1871 (Base Year.)	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1872	161.1	166.0	115.0	98.8	109.1	102.0	103.3
1873	212.8	205.3	114.1	113.8	105.7	114.3	111.3
1874	176.3	155.2	106.7	108.1	77.4	106.1	97.2
1875	186.0	119.7	110.5	109.9	68.3	105.1	94.4
1876	112.1	103.0	102.9	109.9	59.5	101.1	90.2
1877	104.4	94.5	99.7	99.7	55.0	99.4	84.7
1878	97.1	88.3	96.2	90.7	49.4	84.5	74.9
1879	89.6	85.0	90.7	80.9	53.8	69.9	68.1
1880	91.0	105.5	101.8	92.2	70.2	76.6	79.6
1881	91.7	91.3	102.3	79.8	72.7	69.1	73.9
1882	93.4	92.7	92.1	82.4	82.5	67.2	77.3
1883	95.5	85.6	89.0	76.4	74.0	59.8	70.1
1884	95.3	75.9	80.4	71.5	64.2	52.2	62.6
1885	91.7	71.1	69.1	68.7	67.5	52.2	62.8
1886	86.4	70.2	63.6	69.7	75.9	59.3	68.3
1887	85.0	76.2	65.7	73.3	87.2	58.8	73.1
1888	86.0	69.9	104.8	84.8	99.1	64.8	82.9
1889	104.5	82.6	78.1	92.7	73.3	60.1	75.3
1890	128.7	100.6	80.2	111.5	74.3	61.6	82.5
1891	124.2	86.5	74.8	110.6	71.8	58.7	80.3
1892	113.1	84.8	68.6	101.7	73.5	50.3	75.2
1893	101.5	77.2	66.7	86.1	68.0	45.9	66.6
1894	108.1	75.7	62.7	75.4	54.7	43.6	57.9
1895	95.6	78.9	68.4	72.7	49.8	47.3	56.6
1896	90.7	78.6	70.7	79.1	47.0	51.5	59.2
1897	91.6	79.4	71.8	83.0	47.8	56.5	62.4
1898	101.7	86.7	72.9	90.7	53.9	60.4	68.3
1899	109.3	114.6	85.5	115.8	95.7	67.7	93.1
1900	171.6	138.7	112.1	100.9	103.8	79.2	94.6
1901	142.6	103.5	111.6	84.8	93.9	60.7	79.8
1902	126.6	106.9	95.3	84.3	93.2	51.9	76.5

## TEXTILES (RAW MATERIALS).

## PERCENTAGE

Percentage Increase or Decrease of prices in  
GROUP II.

Year.	Textiles (Raw Materials).					
	Cotton (Raw).	Wool, British.	Wool, Foreign.	Jute (Raw).	Flax (Raw).	Silk (Raw).
1871 (Base Year.)	100·0	100·0	100·0	100·0	100·0	100·0
1872	120·5	119·4	108·9	90·6	111·3	99·1
1873	113·9	127·3	110·8	72·5	106·4	97·0
1874	102·8	131·7	110·6	77·0	103·8	77·7
1875	98·6	127·0	116·1	69·8	113·0	71·0
1876	85·8	111·4	110·1	67·9	117·7	88·7
1877	83·2	106·6	109·0	74·4	105·1	92·7
1878	79·5	119·4	105·5	70·6	102·2	81·6
1879	78·4	86·5	103·3	63·4	96·4	80·6
1880	83·5	99·6	104·0	80·2	98·2	78·8
1881	83·0	91·7	105·7	74·6	87·4	78·5
1882	83·2	91·3	93·4	67·3	82·5	76·5
1883	82·7	76·4	92·1	56·8	85·0	74·9
1884	81·0	65·7	91·9	65·3	86·7	68·4
1885	81·3	57·4	76·5	52·5	88·6	65·1
1886	70·7	60·5	69·2	52·0	88·4	63·5
1887	71·3	67·6	77·4	52·1	77·4	63·1
1888	73·6	62·1	74·5	57·6	72·4	56·8
1889	75·0	64·3	74·6	65·6	76·1	64·9
1890	75·9	59·6	78·3	61·8	71·5	65·7
1891	73·6	60·8	71·2	56·4	74·6	62·4
1892	67·9	54·9	66·6	70·5	73·1	60·5
1893	69·0	57·0	66·5	61·0	79·3	59·6
1894	58·5	54·6	64·8	63·1	79·0	60·4
1895	55·1	57·2	61·8	51·5	72·7	58·5
1896	65·6	57·4	64·0	56·7	77·8	58·0
1897	59·4	55·2	60·8	54·2	75·8	57·0
1898	51·1	51·6	62·2	48·6	69·0	57·9
1899	54·3	46·4	65·4	59·0	68·7	59·1
1900	74·2	45·1	72·2	68·2	82·5	60·0
1901	73·0	36·7	57·3	62·3	96·7	53·3
1902	72·2	36·1	57·3	59·2	95·3	53·8

## FOOD AND DRINK (CORN, ETC.).

VARIATIONS IN PRICES—*continued.*

each of the Years 1872-1902 as compared with 1871.

## GROUP III. A.

Food and Drink—Corn, &c.				Year.
British Corn.				
Wheat.	Barley.	Oats.	Total.	
100·0	100·0	100·0	100·0	1871 (Base Year.)
100·6	103·2	92·1	99·3	1872
103·5	111·8	101·0	106·1	1873
98·4	124·2	114·6	113·1	1874
79·7	106·2	113·9	99·7	1875
81·5	97·2	104·3	94·1	1876
100·1	109·7	103·0	104·7	1877
81·9	111·1	96·7	97·6	1878
77·4	94·0	86·4	86·5	1879
78·2	91·5	91·7	87·2	1880
80·0	88·2	86·4	85·1	1881
79·6	86·2	86·8	84·2	1882
73·4	88·0	85·1	82·4	1883
62·9	82·8	80·5	75·7	1884
57·9	83·2	81·8	74·6	1885
54·7	73·5	75·5	68·0	1886
57·4	70·0	64·6	64·3	1887
56·2	77·0	66·6	67·3	1888
52·5	71·4	70·5	65·0	1889
56·3	79·3	73·8	70·2	1890
65·3	77·9	79·5	74·2	1891
53·4	72·4	78·8	68·0	1892
46·5	70·7	74·5	63·9	1893
40·3	67·7	67·9	58·8	1894
40·7	60·6	57·6	53·3	1895
46·2	63·4	58·6	56·5	1896
53·2	65·0	67·2	61·8	1897
60·0	75·1	73·2	69·6	1898
45·3	70·7	67·5	61·5	1899
47·5	68·9	69·9	62·2	1900
47·2	69·6	73·2	63·3	1901
49·6	71·0	80·1	66·6	1902

## FOOD AND DRINK (CORN, ETC.).

## PERCENTAGE

Percentage Increase or Decrease of Prices in  
GROUP III. A.—*continued.*

Year.	Food and Drink—Corn, &c.			
	Foreign Corn.			
	Wheat.	Barley.	Oats	Total.
1871 (Base Year.)	100·0	100·0	100·0	100·0
1872	104·9	103·8	95·3	104·0
1873	109·9	109·6	105·5	109·5
1874	102·6	117·8	117·7	105·8
1875	89·6	105·8	113·9	93·8
1876	88·1	96·7	107·9	91·0
1877	105·5	105·0	101·2	105·0
1878	92·8	98·7	93·5	93·6
1879	89·2	104·9	87·4	90·7
1880	93·6	107·9	93·5	95·1
1881	93·2	104·7	95·8	94·6
1882	90·1	89·8	88·4	89·9
1883	82·9	88·0	86·6	84·0
1884	71·0	82·2	84·9	73·7
1885	68·1	74·4	85·2	69·0
1886	63·8	72·9	77·1	66·2
1887	64·6	66·6	63·1	64·7
1888	64·9	71·9	64·1	65·7
1889	64·9	72·0	73·2	66·5
1890	65·9	75·4	80·4	68·4
1891	75·0	85·8	86·3	77·4
1892	64·7	76·2	83·8	68·0
1893	54·4	63·8	80·6	58·0
1894	45·2	57·3	68·2	49·0
1895	46·5	59·1	62·8	49·6
1896	52·3	64·1	63·0	54·7
1897	63·0	62·3	65·6	63·2
1898	68·7	70·0	73·7	69·3
1899	56·5	72·8	70·3	59·8
1900	57·4	76·2	68·2	60·7
1901	55·9	71·1	74·0	59·4
1902	56·5	71·4	83·3	60·8

## FOOD AND DRINK (CORN, ETC.).

VARIATIONS IN PRICES—*continued.*

each of the Years 1872-1902 as compared with 1871.

GROUP III. A.—*continued.*

Food and Drink—Corn, &c.				Year.
Maize.	Hops.	Rice.	Potatoes.	
100·0	100·0	100·0	100·0	1871 (Base Year.)
92·2	122·2	98·1	111·8	1872
91·8	120·0	97·4	118·2	1873
110·0	155·7	101·4	109·4	1874
108·4	113·2	87·8	105·7	1875
88·1.	111·5	88·9	117·0	1876
84·1	114·4	103·5	120·8	1877
78·5	91·4	102·8	113·2	1878
70·6	113·4	99·6	124·4	1879
78·0	112·5	93·4	118·9	1880
80·9	115·2	84·8	109·1	1881
93·0	226·7	78·3	103·6	1882
84·9	205·1	80·5	110·9	1883
76·6	153·8	79·9	89·9	1884
70·1	91·7	76·7	89·3	1885
63·8	71·1	73·4	86·3	1886
62·9	72·1	73·3	90·1	1887
70·6	90·5	73·2	83·0	1888
61·6	87·5	80·2	83·0	1889
59·0	114·2	84·0	76·5	1890
81·5	122·7	88·6	97·6	1891
69·3	125·2	87·2	81·8	1892
62·4	186·4	77·0	80·0	1893
58·5	100·0	74·8	83·3	1894
59·8	72·6	71·6	89·2	1895
47·3	69·9	73·1	63·5	1896
44·5	78·0	80·2	65·5	1897
51·4	103·2	86·6	83·5	1898
53·8	109·8	85·5	67·9	1899
59·2	98·0	75·2	61·0	1900
62·7	97·3	71·9	66·7	1901
68·5	102·0	62·8	57·9	1902

## FOOD AND DRINK (MEAT, FISH, ETC.).

## PERCENTAGE

Percentage Increase or Decrease of prices in

## GROUP III. B.

Year.	Food and Drink—Meat, Fish, and Dairy Produce.					
	Beef.	Mutton.	Bacon.	Milk.	Eggs.	Herrings.
1871 (Base Year.)	100·0	100·0	100·0	100·0	100·0	100·0
1872	103·1	105·6	83·3	105·8	105·1	104·9
1873	114·0	113·4	83·1	113·6	113·2	105·4
1874	110·9	97·2	93·0	126·1	113·3	106·0
1875	114·7	116·9	106·3	126·1	109·5	103·8
1876	111·6	118·3	108·6	126·1	110·2	127·6
1877	110·1	116·9	97·3	129·2	104·3	120·8
1878	111·6	115·5	78·4	129·2	101·5	103·8
1879	102·3	111·3	69·9	124·6	94·8	123·9
1880	110·1	115·5	81·4	110·6	94·7	98·6
1881	102·3	114·1	93·2	110·6	97·2	130·2
1882	111·6	121·1	107·8	110·6	92·8	111·1
1883	113·2	122·5	107·9	113·8	92·1	110·4
1884	107·0	108·5	100·1	104·9	92·8	91·9
1885	97·7	95·8	82·4	102·8	92·6	91·2
1886	89·9	101·4	76·7	98·9	88·2	87·9
1887	82·2	88·7	85·8	97·6	89·7	76·6
1888	91·5	98·6	91·0	97·4	86·7	84·5
1889	89·9	107·0	84·6	92·8	87·6	79·9
1890	89·9	105·6	78·8	92·2	88·0	83·0
1891	91·5	98·6	77·0	91·6	87·1	97·7
1892	88·4	94·4	83·0	100·4	90·0	79·9
1893	88·4	91·5	107·8	102·5	22·6	80·0
1894	83·7	98·6	89·1	102·2	84·2	78·0
1895	83·7	100·0	79·3	90·8	83·1	84·8
1896	82·2	91·5	70·2	81·8	83·4	71·8
1897	83·7	95·8	72·0	83·0	82·0	90·5
1898	79·1	93·0	73·5	81·3	81·6	80·9
1899	83·7	95·8	72·8	82·9	82·3	116·6
1900	89·9	101·4	84·8	82·8	84·6	112·7
1901	85·3	95·8	95·7	88·1	85·0	94·0
1902	91·5	97·2	107·2	90·3	87·8	96·9

FOOD AND DRINK (TEA, SUGAR, ETC.).

VARIATIONS IN PRICES—*continued.*

each of the Years 1872-1902 as compared with 1871.

GROUP III. C.

Food and Drink—Tea, Tobacco, Wine and Sugar, &c.							Year.
Sugar.	Tea.	Coffee.	Cocoa.	Rum.	Wine.	Tobacco.	
100·0	100·0	100·0	100·0	100·0	100·0	100·0	1871 (Base Year.)
100·6	102·1	112·4	136·7	100·5	101·2	101·9	1872
93·6	101·4	140·3	136·3	104·4	98·3	95·4	1873
84·9	103·4	159·7	130·8	110·2	97·0	109·1	1874
83·9	101·8	150·2	119·3	113·2	95·1	106·7	1875
81·5	99·9	148·6	120·6	101·0	90·3	103·3	1876
93·5	97·2	153·3	144·2	94·6	94·1	99·5	1877
80·9	93·0	147·9	167·9	87·8	93·8	83·2	1878
75·8	89·3	139·7	183·5	82·0	91·2	89·0	1879
80·9	81·9	141·0	162·6	84·4	95·9	87·0	1880
80·0	78·0	122·9	151·7	98·5	89·3	84·7	1881
79·3	76·5	121·0	137·8	100·0	89·6	94·8	1882
75·3	75·8	111·4	146·2	90·7	90·3	94·3	1883
57·8	71·7	104·8	153·8	82·9	91·1	97·3	1884
50·2	73·4	101·3	154·7	77·6	90·3	97·9	1885
46·2	71·6	103·8	144·0	77·1	90·6	89·4	1886
43·2	64·4	128·9	146·4	77·6	91·6	89·5	1887
43·5	66·8	119·7	138·2	80·0	94·1	93·1	1888
54·5	65·6	132·4	138·0	81·0	95·7	85·8	1889
45·1	64·8	147·0	139·1	86·3	93·7	94·4	1890
45·7	65·1	150·2	139·8	91·7	91·9	105·8	1891
47·2	61·3	147·6	141·7	84·4	89·6	101·1	1892
50·8	59·2	153·0	144·8	70·2	93·2	92·2	1893
42·9	58·3	153·0	141·3	68·0	89·9	85·4	1894
36·8	58·6	154·9	138·4	63·9	88·5	85·4	1895
37·6	58·1	158·4	121·3	62·9	91·8	85·5	1896
34·0	56·9	150·5	118·3	64·9	94·5	86·2	1897
34·1	55·5	123·5	138·5	62·0	93·4	90·9	1898
34·8	54·0	109·2	132·3	63·4	83·4	89·4	1899
35·5	52·2	106·4	139·6	76·1	79·6	88·5	1900
33·7	46·7	110·2	131·9	74·2	76·8	93·5	1901
29·2	43·8	89·8	128·4	62·4	77·5	91·6	1902

## MISCELLANEOUS (SEEDS, OILS, PARAFFINE, ETC.).

## PERCENTAGE

Percentage Increase or Decrease in each

## GROUP IV.

Year.	Miscellaneous.				
	Cotton Seed.	Linseed.	Olive Oil.	Palm Oil.	Paraffine.
1871 (Base Year.)	100·0	100·0	100·0	100·0	100·0
1872	96·2	105·0	102·3	103·2	102·3
1873	89·1	101·8	91·4	96·9	112·7
1874	91·5	98·9	92·2	96·6	106·6
1875	99·2	93·2	90·6	96·0	92·6
1876	91·3	88·6	93·4	100·1	93·2
1877	96·3	95·0	97·7	102·5	89·9
1878	99·0	87·9	102·8	101·0	90·3
1879	93·1	88·3	92·7	87·8	91·3
1880	91·1	91·1	92·2	84·7	76·2
1881	88·4	85·4	84·2	83·7	57·0
1882	85·7	76·9	83·2	87·7	58·1
1883	85·2	73·3	79·5	101·0	65·3
1884	85·8	75·4	85·6	96·4	65·9
1885	78·8	76·2	83·4	77·4	58·9
1886	67·4	73·0	78·9	60·2	50·9
1887	64·2	65·5	75·1	56·1	45·7
1888	74·1	67·3	74·7	57·1	42·6
1889	79·0	71·5	73·6	60·9	39·3
1890	64·1	72·6	80·1	65·9	42·2
1891	67·2	73·7	83·4	67·1	47·6
1892	66·4	70·0	76·7	63·6	44·9
1893	71·1	72·6	78·1	71·8	35·1
1894	64·3	67·3	68·9	62·6	33·9
1895	53·9	60·9	72·6	60·2	34·7
1896	54·0	55·5	66·9	60·5	32·4
1897	53·6	55·9	68·8	59·2	28·9
1898	55·4	61·6	69·4	61·6	28·3
1899	65·5	66·9	71·5	63·1	31·0
1900	74·3	89·0	78·8	66·7	45·0
1901	71·2	90·0	77·4	65·1	39·7
1902	68·7	87·9	71·4	66·9	32·4



## MISCELLANEOUS (BRICKS, FIR, HIDES, ETC.).

VARIATIONS IN PRICES—*continued.*

of the Years 1872-1902 as compared with 1871.

GROUP IV.—*continued.*

Miscellaneous.					Year.
Petroleum.	Bricks.	Hewn Fir.	Caoutchouc.	Hides.	
100.0	100.0	100.0	100.0	100.0	1871 (Base Year.)
99.1	109.1	102.4	107.8	114.4	1872
87.1	127.8	111.0	106.0	118.1	1873
67.7	109.1	113.1	98.2	121.4	1874
58.3	100.0	98.8	97.8	116.4	1875
83.1	100.0	100.0	92.5	104.7	1876
76.7	100.0	93.0	88.9	103.3	1877
58.6	90.9	85.3	83.8	98.0	1878
46.7	76.4	74.3	103.3	96.3	1879
49.4	81.8	84.5	134.6	104.3	1880
48.2	76.4	85.3	125.2	106.4	1881
42.2	90.9	87.3	144.9	105.4	1882
45.0	81.8	84.5	152.4	106.4	1883
47.2	81.8	75.1	109.3	106.7	1884
45.3	81.8	73.1	105.2	105.4	1885
42.0	81.8	64.5	109.1	99.0	1886
39.7	81.8	60.8	108.9	91.0	1887
39.7	81.8	64.9	110.9	86.3	1888
36.8	81.8	72.2	105.9	83.9	1889
33.4	109.1	66.5	118.3	80.9	1890
30.0	100.0	61.2	114.9	80.9	1891
27.5	100.0	61.2	104.8	76.6	1892
24.0	90.9	57.1	108.5	77.3	1893
22.3	90.9	54.7	103.4	72.6	1894
27.8	90.9	55.5	105.3	74.2	1895
28.8	90.9	58.0	110.7	76.3	1896
26.3	90.9	58.8	109.7	76.9	1897
24.9	100.0	60.0	121.3	73.6	1898
27.8	109.1	59.2	126.0	76.9	1899
31.9	109.1	62.9	130.1	82.6	1900
29.3	100.0	59.6	119.5	83.3	1901
26.7	90.9	55.9	118.1	86.3	1902

## PRICES.

## ASCERTAINED PRICES OF COAL AND IRON.

[The prices given below are the mean for each year of the realised prices as ascertained periodically from an examination of certain employers' books by accountants appointed by the employers and workpeople concerned. The ascertained prices are largely used in regulating changes of wages under Sliding Scales, &c.]

Year.	COAL.		PIG IRON.	MANUFACTURED IRON.	
	Northumberland.	South Wales and Monmouth.	Cleveland.	North of England.	Midlands.
	(Average for all classes of Coal per Ton at Pit's Mouth.)	(Average for certain classes of Coal per Ton, f.o.b.)	(Average per Ton of No. 3 Cleveland Pig Iron.)	(Average Selling Price of Rails, Plates, Bars, and Angles per Ton.)	(Average Selling Price of Bars, Tees, Hoops, Sheets, Plates, Strips, &c., per Ton.)
	s. d.	s. d.	s. d.	£ s. d.	£ s. d.
1883	5 1·93	9 8·36	39 10·67	6 2 8·42	...
1884	5 1·63	9 10·47	36 4·86	5 5 8·50	...
1885	4 10·70	9 3·37	33 6·69	4 17 4·17	...
1886	4 7·20	8 4·77	30 8·92	4 12 7·50	...
1887	4 7·20*	8 0·25	33 0·15	4 12 8·31	...
1888	4 4·01†	8 4·22	32 5·66	4 14 11·43	...
1889	5 4·70	10 5·38	38 2·85	5 10 4·59	6 16 9 57‡
1890	7 7·65	12 0·30§	47 8·28	6 6 6·18	7 10 5·89
1891	7 4·06	13 4·89§	40 5·32	5 13 6·52	6 9 5·12
1892	6 6·60	11 6·84§	38 5·01	5 7 10·24	6 7 11·05
1893	5 11·35	9 8·68	34 6·23	4 17 11·82	6 1 11·56
1894	6 5·99	10 9·835	35 3·08	4 17 6·01	5 18 2·15
1895	5 6·68	9 6·949	35 2·95	4 15 4·78	5 12 11·22
1896	5 0·74	9 1·701	37 6·39	4 17 2·06	5 15 9·94
1897	5 2·91	9 2·837	40 0·46¶	5 1 11·54	6 1 7·35
1898	6 1·36	10 1·71**	40 10·58	5 5 1·30	6 2 1·54
1899	7 0·69	11 0·86**	53 0·39	6 4 6·57	7 3 0·57
1900	10 3·57	15 2·00**	68 1·43	7 19 0·06	9 8 5·90
1901	8 9·33	16 0·57**	47 2·135	6 16 9·43	7 3 4·97
1902	7 4·98	13 6·69**	46 10·21	6 4 5·77	6 18 4·41

\* Mean of two ascertainment made by the employers' accountants only.

† Three of the four ascertainment were made by employers' accountants only.

‡ July to December only.

§ In 1890, 1891, and 1892, the selling price of large colliery-screened coal produced from anthracite collieries was excluded in obtaining the average ascertained selling price.

|| Mean for 10 months only.

¶ Mean for 9 months only.

\*\* The averages for 1898-1902 have been arrived at by taking the mean of the limits within which the actual ascertained prices must have fallen under the Sliding Scale Agreement to have given the declared percentages of miners' wages above the Standard. The price for 1902 is based on five ascertainment only.

PRICES OF BRITISH CORN PER IMPERIAL QUARTER IN  
ENGLAND AND WALES.

[Extracted from the Report on the Agricultural Returns for Great Britain, 1902.—  
Cd. 1616 of 1903.]

Year.	Wheat.			Barley.			Oats.		
	Mean of Weekly Averages.	Range of Weekly Averages.		Mean of Weekly Averages.	Range of Weekly Averages.		Mean of Weekly Averages.	Range of Weekly Averages.	
		Highest.	Lowest.		Highest.	Lowest.		Highest.	Lowest.
	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
1860	53 3	62 11	43 6	36 7	41 4	32 5	24 5	28 2	21 0
1861	55 4	61 6	50 0	36 1	40 7	28 3	23 9	26 10	21 6
1862	55 5	62 1	45 7	35 1	37 3	31 6	22 7	26 3	20 4
1863	44 9	48 4	39 10	33 11	36 10	28 10	21 2	23 11	18 7
1864	40 2	44 1	37 10	29 11	32 5	27 2	20 1	22 11	18 8
1865	41 10	46 11	38 2	29 9	34 0	27 3	21 10	24 0	19 0
1866	49 11	61 7	44 5	37 5	46 2	32 6	24 7	27 7	22 8
1867	64 5	70 5	59 3	40 0	45 9	34 9	26 0	29 7	23 4
1868	63 9	74 7	49 5	43 0	47 3	35 8	28 1	31 4	25 5
1869	48 2	54 2	43 5	39 5	49 7	30 3	26 0	29 0	21 6
1870	46 11	54 11	40 7	34 7	36 11	30 3	22 10	28 8	19 10
1871	56 8	60 0	52 6	36 2	38 6	32 7	25 2	28 3	22 0
1872	57 0	60 3	53 11	37 4	44 1	30 3	23 2	26 7	21 8
1873	58 8	64 7	54 7	40 5	45 1	34 11	25 5	30 10	21 7
1874	55 9	63 9	43 5	44 11	49 11	39 1	28 10	32 0	25 5
1875	45 2	53 10	40 11	38 5	45 6	31 4	28 8	32 11	23 4
1876	46 2	50 8	42 8	36 2	40 2	30 11	26 3	31 2	23 10
1877	56 9	68 9	50 1	39 8	44 2	32 5	25 11	29 0	23 4
1878	46 5	52 4	39 0	40 2	44 8	30 9	24 4	28 5	20 7
1879	43 10	50 5	37 7	34 0	43 2	24 0	21 9	26 7	19 2
1880	44 4	48 4	39 5	33 1	37 7	25 7	23 1	28 2	20 2
1881	45 4	55 2	40 9	31 11	35 8	26 11	21 9	24 6	19 5
1882	45 1	51 3	39 2	31 2	36 11	25 10	21 10	25 9	19 1
1883	41 7	43 10	39 0	31 10	35 0	25 6	21 5	24 1	19 1
1884	35 8	39 0	30 5	30 8	32 8	27 1	20 3	23 5	18 10
1885	32 10	38 1	30 2	30 1	32 6	24 10	20 7	23 6	18 1
1886	31 0	33 11	29 0	26 7	29 7	22 4	19 0	21 4	16 7
1887	32 6	36 4	28 5	25 4	29 7	20 5	16 3	17 9	14 7
1888	31 10	38 1	30 0	27 10	32 5	18 8	16 9	20 9	15 5
1889	29 9	31 2	27 11	25 10	31 3	19 5	17 9	20 6	16 2
1890	31 11	36 6	29 8	28 8	32 3	22 6	18 7	20 5	17 3
1891	37 0	41 8	32 3	28 2	31 3	24 4	20 0	22 4	17 6
1892	30 3	36 4	25 8	26 2	29 5	21 1	19 10	22 2	16 3
1893	26 4	27 10	24 8	25 7	29 6	20 3	18 9	22 3	16 8
1894	22 10	26 4	17 6	24 6	29 2	16 5	17 1	20 5	13 3
1895	23 1	26 5	19 9	21 11	25 8	18 2	14 6	16 7	13 2
1896	26 2	33 4	22 4	22 11	29 7	16 2	14 9	17 7	13 1
1897	30 2	34 4	26 6	23 6	29 10	17 4	16 11	19 0	16 0
1898	34 0	48 1	25 5	27 2	28 8	23 4	18 5	21 5	16 6
1899	25 8	28 2	24 6	25 7	28 3	20 4	17 0	18 2	16 0
1900	26 11	29 3	25 3	24 11	26 5	22 10	17 7	19 11	16 2
1901	26 9	27 8	25 8	25 2	27 2	21 9	18 5	20 3	17 2
1902	28 1	31 8	24 10	25 8	27 5	22 10	20 2	23 0	16 8

## BREAD (GREAT BRITAIN).

[Based on Returns furnished by the principal Co-operative Societies in each District.]

District.	Average number of Returns received for each Quarter.	Average Price per 4 lbs. at Co-operative Stores.		
		1900.	1901.	1902.
ENGLAND AND WALES.				
Northern Counties and Yorkshire.	21	5.47	5.52	5.53
Lancashire and Cheshire...	44	5.07	5.16	5.17
North Midland Counties...	25	4.89	4.88	4.88
West " " ...	27	4.89	5.08	5.04
South " " ...	37	4.53	4.62	4.62
Eastern Counties ...	13	4.99	5.17	5.13
London ...	11	5.23	5.17	5.20
South-Eastern Counties ...	27	5.22	5.40	5.37
South-Western Counties, Wales and Monmouth.	27	4.79	4.97	4.95
Mean for England and Wales.	232	4.90	5.04	5.03
SCOTLAND.				
Northern Counties ...	25	5.12	5.24	5.17
Eastern Counties ...	53	4.94	5.13	5.07
Lanarkshire ...	13	5.06	5.16	5.09
Other Southern Counties...	37	5.46	5.50	5.45
Mean for Scotland ...	128	5.14	5.26	5.20
Mean for Great Britain	360	4.99	5.12	5.09

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§ IV.—*TRADE DISPUTES AND CONCILIATION.*

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## TRADE

## DISPUTES GROUPED

[Disputes involving less than ten workpeople, and those which lasted less than 100 days]

Year.	Building.	Mining and Quarrying.	Metal, Engineering, and Shipbuilding.	Textile.
NUMBER OF				
1893	131	127	117	79
1894	162	233	161	178
1895	146	187	180	124
1896	171	171	266	153
1897	193	127	229	108
1898	183	120	153	99
1899	180	109	140	124
1900	146	136	111	96
1901	104	210	103	96
1902	39	166	71	82
NUMBER OF WORKPEOPLE DIRECTLY AND				
1893	15,534	505,497	29,691	44,875
1894	13,632	218,067	28,040	40,004
1895	9,438	83,957	46,528	64,120
1896	33,512	67,197	48,137	53,656
1897	18,047	49,592	97,189	37,001
1898	16,684	177,029	21,432	24,978
1899	30,524	46,831	21,119	61,499
1900	19,178	74,364	19,810	24,143
1901	9,797	112,981	22,489	16,609
1902	5,356	206,526	15,914	16,706
AGGREGATE DURATION OF				
1893	468,573	24,408,303	701,171	3,918,074
1894	377,987	6,638,507	1,274,219	748,173
1895	382,911	1,066,157	1,369,259	1,078,993
1896	1,060,237	1,011,668	662,760	519,917
1897	353,348	1,446,843	7,141,289	677,615
1898	379,170	12,876,334	1,370,764	273,564
1899	354,207	504,428	420,600	552,485
1900	726,626	532,932	349,130	411,368
1901	574,848	2,066,113	601,553	278,363
1902	115,980	2,550,047	420,362	238,380

\* Extracted from the Annual Reports of the Board of Trade on Strikes and Lock-outs.

† In this and the following tables workpeople who are on strike or locked-out are termed as workpeople.

‡ In computing the aggregate duration of disputes, the days lost by workpeople on strike or locked-out are included in the total.

# DISPUTES

## BY TRADES.\*

*than one day have been omitted, except when the aggregate duration working days.]*

Clothing.	Transport (Dock Labourers, Railway Men, &c.).	Miscellaneous (including Public Authorities).	Total.	Year.
<b>DISPUTES.</b>				
65	31	65	615	1893
65	48	83	929	1894
39	37	62	745	1895
48	26	92	926	1896
56	48	103	864	1897
53	22	73	711	1898
37	47	82	719	1899
38	50	71	643	1900
39	20	70	642	1901
23	14	45	442	1902
<b>INDIRECTLY AFFECTED BY DISPUTES.†</b>				
10,827	15,464	12,613	634,301	1893
5,909	11,507	8,369	325,243	1894
50,040	4,256	4,975	263,123	1895
3,969	3,312	3,607	193,190	1896
7,016	12,523	12,099	230,267	1897
3,561	3,478	6,745	253,907	1898
2,268	12,611	5,375	130,217	1899
2,154	23,026	25,863	139,538	1900
4,135	2,662	10,853	179,546	1901
2,790	1,590	5,785	256,667	1902
<b>DISPUTES IN WORKING DAYS.‡</b>				
185,190	334,524	451,930	30,467,765	1893
100,362	266,826	122,937	9,529,010	1894
1,616,562	35,143	157,845	5,724,670	1895
98,734	23,043	170,019	3,746,366	1896
301,062	76,497	349,849	10,345,523	1897
69,900	46,771	272,975	15,239,478	1898
42,154	62,450	80,033	2,516,416	1899
60,121	303,730	748,737	3,152,694	1900
87,384	33,312	477,714	4,142,237	1901
54,044	10,027	90,535	3,479,255	1902

\* "directly affected," and the other workpeople employed at the establishments where the dispute, are termed "indirectly affected."  
 † Indirectly affected are included. In the case of disputes extending into two or more years for the year in which they fell.

## DISPUTES GROUPED

Principal Cause or Object.	1893.	1894.	1895.	1896.	1897.
<b>Number of Workpeople <i>directly</i></b>					
<b>WAGES.</b>					
For increase ... ..	175,338	106,010	71,014	58,193	50,082
Against decrease ... ..	353,938	76,051	22,270	10,487	8,290
Other ... ..	10,379	19,554	23,958	27,295	15,534
<b>Total ... ..</b>	<b>539,655</b>	<b>201,615</b>	<b>117,242</b>	<b>95,975</b>	<b>73,906</b>
<b>HOURS OF LABOUR.</b>					
For decrease ... ..	382	2,400	2,040	1,413	38,377
Other ... ..	3,416	1,960	3,616	942	850
<b>Total ... ..</b>	<b>3,798</b>	<b>4,360</b>	<b>5,656</b>	<b>2,355</b>	<b>39,227</b>
<b>EMPLOYMENT OF PARTICULAR CLASSES OR PERSONS.</b>					
WORKING ARRANGEMENTS	11,529	14,863	63,287	17,533	29,068
TRADE UNIONISM ... ..	20,633	13,099	5,262	5,279	6,327
OTHER CAUSES ... ..	9,549	5,446	3,900	4,063	4,085
<b>Total <i>directly</i> affected</b>	<b>594,149</b>	<b>257,314</b>	<b>207,239</b>	<b>147,950</b>	<b>167,453</b>
<b>Percentage proportion of Workpeople <i>directly</i></b>					
Wages ... ..	90·8	78·3	56·6	64·9	44·1
Hours of labour ... ..	0·7	1·7	2·7	1·6	23·4
Employment of particular classes or persons.	1·5	7·0	5·7	15·4	8·9
Working arrangements ... ..	1·9	5·8	30·5	11·8	17·4
Trade Unionism ... ..	3·5	5·1	2·6	3·6	3·8
Other causes ... ..	1·6	2·1	1·9	2·7	2·4

\* Extracted from the Annual Reports of the



BY CAUSES.\*

1898.	1899.	1900.	1901.	1902.	Principal Cause or Object.
<b>affected by Disputes.</b>					
					<b>WAGES.</b>
151,747	73,696	57,269	19,886	15,208	For increase.
10,654	6,826	7,385	14,852	26,053	Against decrease.
13,991	14,129	18,249	24,127	15,472	Other.
176,392	94,651	82,903	58,865	56,733	Total.
					<b>HOURS OF LABOUR.</b>
331	1,069	487	1,464	203	For decrease.
446	2,788	281	2,734	2,841	Other.
777	3,857	718	4,198	3,044	Total.
					<b>EMPLOYMENT OF PARTICULAR CLASSES OR PERSONS.</b>
9,203	8,187	10,427	10,524	11,436	WORKING ARRANGEMENTS
11,742	17,895	18,956	23,185	19,849	TRADE UNIONISM.
2,215	5,130	19,573	11,531	25,489	OTHER CAUSES.
440	8,338	2,568	3,134	273	
200,769	188,058	185,145	111,437	116,824	Total directly affected.
<b>affected by Disputes of the various classes.</b>					
87.9	68.6	61.4	52.8	48.6	Wages.
0.4	2.8	0.5	3.8	2.6	Hours of labour.
4.6	5.9	7.7	9.4	9.8	Employment of particular classes or persons.
5.8	13.0	14.0	20.8	17.0	Working arrangements.
1.1	3.7	14.5	10.4	21.8	Trade Unionism.
0.2	6.0	1.9	2.8	0.2	Other causes.

## DISPUTES GROUPED BY RESULTS.\*

(a.)—Percentage Results based on Number of Disputes.

Year.	Percentage Results.				Total.
	In favour of Workpeople.	In favour of Employers.	Compromised.	Indefinite or Unsettled.	
1893	39·8	34·1	25·4	0·7	100·0
1894	35·4	36·3	25·9	2·4	100·0
1895	34·6	37·2	26·3	1·9	100·0
1896	40·8	32·6	26·3	0·3	100·0
1897	38·3	35·5	24·9	1·3	100·0
1898	33·5	31·9	34·2	0·4	100·0
1899	32·0	34·1	32·8	1·1	100·0
1900	31·2	32·6	34·1	2·1	100·0
1901	25·4	43·6	29·9	1·1	100·0
1902	24·2	45·7	27·8	2·3†	100·0

(b.)—Percentage Results based on Number of Workpeople Directly Involved.

Year.	Percentage Results.				Total.
	In favour of Workpeople.	In favour of Employers.	Compromised.	Indefinite or Unsettled.*	
1893	64·3	26·5	9·2	—	100·0
1894	21·0	59·1	18·9	1·0	100·0
1895	23·6	29·8	45·7	0·9	100·0
1896	43·5	28·0	28·3	0·2	100·0
1897	24·2	40·7	34·0	1·1	100·0
1898	22·6	60·1	17·2	0·1	100·0
1899	26·7	43·7	29·1	0·5	100·0
1900	30·1	24·8	41·7	3·4	100·0
1901	27·4	33·8	36·6	2·0	100·0
1902	31·6	30·4	35·7	2·3†	100·0

\* Extracted from the Annual Reports of the Board of Trade on Strikes and Lock-outs.

† Including disputes begun in 1902, and of which no settlement had been reported at the end of March, 1903.

## METHODS OF SETTLEMENT OF TRADE DISPUTES.\*

## (a.)—Number of Disputes.

Method of Settlement.	1893.	1894.	1895.	1896.	1897.	1898.	1899.	1900.	1901.	1902.
By arbitration .. .. .	18	27	24	19	14	13	16	19	23	16
By conciliation and mediation ..	14	25	19	30	27	30	22	13	18	13
By direct arrangement or negotiation between the parties or their representatives.	445	606	496	633	634	495	562	487	456	316
By return to work on employers' terms without negotiation.	47	110	78	114	76	71	33	45	45	40
By replacement of workpeople ..	79	121	101	107	105	96	88	71	89	47
By closing of works .. .. .	8	7	13	19	7	..	3	4	5	3
Indefinite or unsettled .. .. .	4	33	14	4	11	6	6	9	6	7†
Totals .. .. .	615	929	745	928	864	711	719	648	642	442

## (b.)—Total Number of Workpeople affected.

Method of Settlement.	1893.	1894.	1895.	1896.	1897.	1898.	1899.	1900.	1901.	1902.
By arbitration .. .. .	10,253	3,595	13,248	10,276	8,756	8,360	3,319	7,118	8,349	4,481
By conciliation and mediation.	320,951	18,878	68,394	10,472	8,544	16,167	8,386	8,593	8,465	7,129
By direct arrangement or negotiation between the parties or their representatives.	189,643	231,437	126,578	136,307	187,048	206,926	156,743	155,025	143,470	222,547
By return to work on employers' terms without negotiation.	106,676	58,194	47,099	30,587	15,207	17,590	7,054	8,895	9,362	16,570
By replacement of workpeople.	5,159	7,831	5,055	7,250	4,307	9,616	3,980	4,918	6,415	3,188
By closing of works ..	1,354	879	2,170	3,159	1,673	..	95	300	1,288	230
Indefinite or unsettled	265	4,434	1,579	139	2,733	258	640	3,689	2,197	2,522†
Totals .. .. .	634,301	325,248	263,123	188,190	230,267	253,907	180,217	188,538	179,546	256,667

\* Extracted from the Annual Reports of the Board of Trade on Strikes and Lock-outs.

† Including disputes begun in 1902, and of which no settlement had been reported at the end of March, 1903.

## PERCENTAGE PROPORTION OF WORKING POPULATION

Group of Trades.	Percentage Proportion of Working Population				
	1893.	1894.	1895.	1896.	1897.
Building .. .. .	1'9	1'7	1'2	4'1	1'8
Mining and Quarrying .. .. .	63'7	26'8	10'4	8'0	5'9
Metal, Engineering and Shipbuilding ..	2'7	2'5	4'2	4'4	8'8
Textile .. .. .	3'6	3'2	5'1	2'7	3'0
Clothing .. .. .	1'9	1'0	8'8	0'7	1'2
Printing and Allied Trades .. .. .	0'2	0'1	0'1	0'1	0'3
Woodworking and Furnishing .. .. .	1'1	0'3	0'7	0'9	0'8
Glass, Pottery, Chemical, &c. .. .. .	3'2	2'0	0'7	1'0	1'8
Food and Tobacco .. .. .	0'2	0'1	0'2	0'2	0'1
Miscellaneous Trades .. .. .	0'6	0'5	0'2	0'2	0'6
All Trades, except Agricultural Labourers and Seamen.	7'7	3'9	3'2	2'4	2'7

## DISPUTES GROUPED

District.	Number of Workpeople affected by Disputes.					
	1897.	1898.	1899.	1900.	1901.	1902.
<b>ENGLAND AND WALES.</b>						
Northern Counties .. .. .	42,367	16,875	9,382	11,915	18,219	12,454
Yorkshire .. .. .	26,677	27,349	18,890	15,116	24,044	60,815
Lancashire and Cheshire ..	50,326	18,837	28,462	25,752	17,106	19,981
N. and W. Midland Counties..	17,571	23,915	14,628	39,693	24,436	62,706
S. Midland and E. Counties ..	3,733	1,590	1,378	1,219	2,166	513
London .. .. .	9,713	1,993	4,385	12,663	3,026	1,521
South Eastern Counties ..	2,311	599	1,371	2,164	921	1,338
South Western Counties ..	1,981	335	1,392	574	736	73
Wales and Monmouth .. .. .	23,176	113,836	37,560	48,136	36,233	73,556
<b>TOTAL—ENGLAND AND WALES.</b>	<b>178,864</b>	<b>205,219</b>	<b>117,448</b>	<b>187,032</b>	<b>126,887</b>	<b>232,356</b>
SCOTLAND .. .. .	35,722	41,984	59,870	26,844	50,772	21,355
IRELAND .. .. .	17,541	6,504	2,889	4,630	1,887	2,456
ISLE OF MAN .. .. .	150	200	10	32	..	..
<b>TOTAL—UNITED KINGDOM</b>	<b>230,267</b>	<b>263,907</b>	<b>180,217</b>	<b>188,538</b>	<b>179,546</b>	<b>256,667</b>

INVOLVED IN DISPUTES, GROUPED BY TRADES.

involved in disputes beginning in					Group of Trades.
1898.	1899.	1900.	1901.	1902.	
2'0	3'7	2'3	1'2	0'7	Building.
21'1	5'6	9'1	12'4	22'3	Mining and Quarrying.
1'9	1'9	1'6	1'8	1'3	Metal, Engineering and Shipbuilding.
2'0	4'9	2'0	1'4	1'4	Textile.
0'6	0'4	0'4	0'7	0'5	Clothing.
0'1	0'1	0'2	0'2	0'1	Printing and Allied Trades.
0'9	0'4	0'4	0'3	0'3	Woodworking and Furnishing.
0'8	0'4	8'0	1'1	0'4	Glass, Pottery, Chemical, &c.
0'2	0'1	0'2	0'1	0'1	Food and Tobacco.
0'2	0'5	0'9	0'3	0'2	Miscellaneous Trades.
3'0	2'1	2'2	2'0	2'9	All Trades, except Agricultural Labourers and Seamen.

BY DISTRICTS.

Aggregate Duration of Disputes in Working Days.						District.
1897.	1898.	1899.	1900.	1901.	1902.	
						ENGLAND AND WALES
1,585,064	425,944	124,803	182,452	309,528	209,000	Northern Counties.
1,339,828	896,585	471,327	184,282	882,915	1,337,421	Yorkshire.
2,946,269	766,047	402,340	523,202	401,404	290,835	Lancashire and Cheshire.
583,558	332,025	299,334	633,859	677,079	622,407	N. and W. Midland Counties.
282,737	19,704	30,594	51,808	70,993	13,656	S. Midland and E. Counties.
337,861	109,570	92,158	165,878	61,477	32,833	London.
90,732	21,128	4,731	19,471	26,508	9,747	South Eastern Counties.
76,136	6,529	38,908	29,335	20,376	292	South Western Counties.
1,216,487	11,963,335	363,925	593,484	1,106,375	701,569	Wales and Monmouth.
8,508,662	14,482,877	1,827,940	2,333,571	3,556,655	3,217,760	TOTAL—ENGLAND AND WALES.
1,607,848	680,524	650,411	525,367	491,190	206,807	SCOTLAND.
219,196	126,477	37,565	243,564	94,442	54,888	IRELAND.
9,817	600	500	192	..	..	ISLE OF MAN.
10,345,523	15,289,479	2,516,416	3,152,694	4,142,287	3,479,255	TOTAL—UNITED KINGDOM.

**CONCILIATION AND ARBITRATION IN THE SETTLEMENT OF  
TRADE DISPUTES.\***

Year.	Under the Conciliation Act (1896)†		By Trade Boards.		By District and General Boards and Trades Councils‡		By Individuals.		Total.	
	Conciliation.	Arbitration.	Conciliation.	Arbitration.	Conciliation.	Arbitration.	Conciliation.	Arbitration.	Conciliation.	Arbitration.
<b>Number of Disputes settled.</b>										
1893	..	..	8	2	1	..	5	16	14	18
1894	..	..	10	6	2	4	13	17	25	27
1895	..	..	9	4	..	..	10	20	19	24
1896	3	..	11	..	..	..	16	19	30	19
1897	7	1	10	1	1	..	9	12	27	14
1898	4	3	18	1	..	1	8	8	30	13
1899	1	1	5	..	5	..	11	15	23	16
1900	1	5	2	4	1	..	9	10	13	19
1901	2	10	12	4	..	..	4	10	18	24
1902	1	6	7	1	1	2	4	7	13	16

Year.	Under the Conciliation Act (1896)†		By Trade Boards.		By District and General Boards and Trades Councils‡		By Individuals.		Total.	
	Conciliation.	Arbitration.	Conciliation.	Arbitration.	Conciliation.	Arbitration.	Conciliation.	Arbitration.	Conciliation.	Arbitration.
<b>Number of Workpeople affected.</b>										
1893	..	..	9,332	3,757	146	..	511,473	6,496	530,951	10,253
1894	..	..	6,549	1,351	887	512	11,442	1,732	18,878	3,595
1895	..	..	10,493	2,929	..	..	57,901	10,519	66,394	13,248
1896	1,934	..	1,728	..	..	..	6,810	10,276	10,472	10,276
1897	2,512	500	3,349	60	30	..	3,853	9,196	9,544	9,756
1898	2,251	1,360	12,664	65	..	28	1,252	1,897	16,167	3,350
1899	464	1,200	592	..	574	..	6,956	2,119	8,366	3,319
1900	375	1,675	55	2,401	140	..	8,023	3,042	8,593	7,118
1901	3,210	6,644	2,803	579	..	..	2,452	1,411	8,465	8,664
1902	90	1,039	6,106	1,400	265	330	668	1,722	7,139	4,481

\* This Table only includes actual trade disputes (Strikes and Lock-outs) settled, and not the other questions dealt with by conciliation and arbitration (*see* pp. 87-8).

† In addition disputes in which no stoppage of work occurred were settled under the Conciliation Act as under:—

1896, 2 cases; 1897, 8 cases; 1898, 3 cases; 1899, 5 cases; 1900, 6 cases; 1901, 12 cases; 1902, 10 cases.

‡ Including disputes settled by Federations of Trade Unions.

WORK OF PERMANENT CONCILIATION AND ARBITRATION BOARDS.\*

SUMMARY, 1896-1902.

Trade.	1896.	1897.	1898.	1899.	1900.	1901.	1902.
<b>Number of Boards known to have settled Cases.</b>							
<b>TRADE BOARDS:—</b>							
Building ... ..	3	3	3	7	11	9	7
Mining and Quarrying ... ..	10	6	7	7	13	11	13
Iron and Steel ... ..	5	6	6	6	6	6	6
Engineering and Shipbuilding ... ..	6	8	8	9	9	11	13
Other Metal Trades ... ..	7	5	4	7	7	3	3
Textile ... ..	2	3	5	...	...	1	1
Boot and Shoe ... ..	13	11	10	11	10	8	8
Other Trades ... ..	3	4	4	3	6	3	4
DISTRICT AND GENERAL BOARDS	1	2	2	3	2	2	2
Total ... ..	50	48	49	53	64	54	57
<b>Number of Cases considered by Boards.†</b>							
<b>TRADE BOARDS:—</b>							
Building ... ..	9	4	10	13	29	20	19
Mining and Quarrying ... ..	950	955	877	829	824	1,035	1,104
Iron and Steel ... ..	48	47	65	45	29	44	41
Engineering and Shipbuilding ... ..	53	82	57	98	116	138	135
Other Metal Trades ... ..	10	8	14	20	15	10	39
Textile ... ..	12	18	31	...	...	3	10
Boot and Shoe ... ..	330	314	195	175	147	146	82
Other Trades ... ..	39	18	64	43	26	5	26
DISTRICT AND GENERAL BOARDS	5	8	7	9	4	4	6
Total ... ..	1,456	1,454	1,320	1,232	1,190	1,405	1,462
<b>Number of Cases settled by Boards.†</b>							
<b>TRADE BOARDS:—</b>							
Building ... ..	9	3	7	9	23	13	11
Mining and Quarrying ... ..	413	415	433	367	233	401	424
Iron and Steel ... ..	38	35	53	30	20	37	34
Engineering and Shipbuilding ... ..	48	70	51	81	103	114	103
Other Metal Trades ... ..	9	7	12	17	14	10	19
Textile ... ..	9	14	17	...	...	3	8
Boot and Shoe ... ..	251	232	137	125	107	101	57
Other Trades ... ..	36	16	59	42	25	4	20
DISTRICT AND GENERAL BOARDS	5	6	6	4	3	2	2
Total ... ..	818	798	775	675	578	685	678

\* Extracted from the Annual Reports of the Board of Trade on Strikes and Lock-outs.

† So far as reported.

**WORK OF PERMANENT CONCILIATION AND ARBITRATION  
BOARDS.\***

**DETAILED ANALYSIS, 1902.**

Trade.	Number of Boards that dealt with cases.	Number of Cases dealt with in 1902.		
		Considered by Boards.	Withdrawn or otherwise settled independently of the Boards.	Still under consideration at end of year.
<b>TRADE BOARDS :—</b>				
Building Trades ... ..	11	19	5	3
Coal Mining ... ..	12	1,092	652	25
Iron Mining ... ..	1	12	1	2
Pig Iron Manufacture ...	2	14	1	...
Iron and Steel Manufac- ture.	5	27	4	2
Engineering and Ship- building.	14	135	20	12
Other Metal Trades ...	3	39	3	17
Textile Trades ... ..	1	10	2	...
Boot and Shoe Trade ...	8	82	17	8
Tailoring Trade ... ..	3	19	1	...
Dock and Riverside Labour.	3	6	3	1
Furnishing Trades ..	1	1	...	1
<b>Total Trade Boards</b>	<b>64</b>	<b>1,456</b>	<b>709</b>	<b>71</b>
<b>DISTRICT BOARDS ... ..</b>	<b>2</b>	<b>2</b>	<b>...</b>	<b>1</b>
<b>GENERAL BOARD ... ..</b>	<b>1</b>	<b>4</b>	<b>2</b>	<b>1</b>
<b>Total ... ..</b>	<b>67</b>	<b>1,462</b>	<b>711</b>	<b>73</b>
		Number of Cases settled in 1902.		
		By Conciliation.	By Arbitration.	Total.
		Number of Boards that settled cases.		
<b>TRADE BOARDS :—</b>				
Building Trades... ..	7	9	2	11
Coal Mining ... ..	12	291	124	415
Iron Mining ... ..	1	2	7	9
Pig Iron Manufacture ...	2	4	9	13
Iron and Steel Manufac- ture.	4	18	3	21
Engineering and Ship- building.	13	102	1	103
Other Metal Trades ...	3	19	...	19
Textile Trades ... ..	1	8	...	8
Boot and Shoe Trade ...	8	44	13	57
Tailoring Trade... ..	2	14	4	18
Dock and Riverside Labour	2	1	1	2
Furnishing Trades ...	...	...	...	...
<b>Total Trade Boards</b>	<b>55</b>	<b>512</b>	<b>164</b>	<b>676</b>
<b>DISTRICT BOARD ... ..</b>	<b>1</b>	<b>1</b>	<b>...</b>	<b>1</b>
<b>GENERAL BOARD ... ..</b>	<b>1</b>	<b>1</b>	<b>...</b>	<b>1</b>
<b>Total ... ..</b>	<b>57</b>	<b>514</b>	<b>164</b>	<b>678</b>

\* Extracted from the Annual Report of the Board of Trade on Strikes and Lock-outs. Cd., 1623 of 1903.



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§ V.—INDUSTRIAL ACCIDENTS AND DISEASES.

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Industrial Accidents ... ..	102

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## DISEASES OF CASES OF POISONING AND ANTHRAX

*[The figures for 1901 have been extracted from the Annual Report of the Chief  
Those for 1902 are preliminary*

NOTE.—Cases include all attacks, fatal or otherwise, reported under the Factory  
twelve months immediately preceding the date of the report. Deaths

DISEASE AND INDUSTRY	CASES.					
	1901.			1902.		
	Males.	Females.	Total.	Males.	Females.	Total.
<b>LEAD POISONING.</b>						
Smelting of Metals .. .. .	54	..	54	28	..	28
Brass Works .. .. .	6	..	6	5	..	5
Sheet Lead and Lead Piping .. .. .	17	..	17	10	2	12
Plumbing and Soldering .. .. .	20	3	23	21	2	23
Printing .. .. .	22	1	23	19	..	19
File Cutting .. .. .	39	7	46	18	9	27
Tinning and Enamelling of Iron Hollow-ware.	6	4	10	8	3	11
White Lead Works .. .. .	175	14	189	136	7	143
Red and Yellow Lead Works .. .. .	14	..	14	13	..	13
China and Earthenware .. .. .	57	49	106	40	47	87
Litho-transfer Works .. .. .	6	1	7	..	2	2
Glass Cutting and Polishing .. .. .	11	..	11	8	..	8
Enamelling of Iron Plates .. .. .	8	1	9	2	1	3
Electrical Accumulator Works .. .. .	49	..	49	16	..	16
Paint and Colour Works .. .. .	54	2	56	43	3	46
Coach Making .. .. .	65	..	65	63	..	63
Shipbuilding .. .. .	28	..	28	15	..	15
Paint used in other Industries .. .. .	58	3	61	40	4	44
Other Industries .. .. .	83	6	89	50	14	64
<b>Total .. .. .</b>	<b>772</b>	<b>91</b>	<b>863</b>	<b>535</b>	<b>94</b>	<b>629</b>
<b>MERCURIAL POISONING.</b>						
Barometer and Thermometer Making.	6	..	6	1	..	1
Furriers' Processes .. .. .	..	4	4	1	1	2
Other Industries .. .. .	8	..	8	5	..	5
<b>Total .. .. .</b>	<b>14</b>	<b>4</b>	<b>18</b>	<b>7</b>	<b>1</b>	<b>8</b>
<b>PHOSPHORUS POISONING.</b>						
Lucifer Match Works .. .. .	3	1	4	1	..	1
Other Industries .. .. .	..	..	..	..	..	..
<b>Total .. .. .</b>	<b>3</b>	<b>1</b>	<b>4</b>	<b>1</b>	<b>..</b>	<b>1</b>
<b>ARSENIC POISONING.</b>						
Paints, Colours and Extraction of Arsenic.	3	..	3	4	1	5
Other Industries .. .. .	9	..	9	..	..	..
<b>Total .. .. .</b>	<b>12</b>	<b>..</b>	<b>12</b>	<b>4</b>	<b>1</b>	<b>5</b>
<b>ANTHRAX.</b>						
Wool Sorting .. .. .	3	..	3	3	..	3
Wool Combing .. .. .	2	1	3	7	2	9
Handling of Horsehair .. .. .	7	2	9	8	2	10
Handling and Sorting of Hides and Skins (Tanners, Fellmon- gers, &c.).	20	..	20	11	..	11
Other Industries .. .. .	4	..	4	5	..	5
<b>Total .. .. .</b>	<b>36</b>	<b>3</b>	<b>39</b>	<b>34</b>	<b>4</b>	<b>38</b>

NOTE.—In addition to the cases included in the Table, 179 cases of lead poisoning (including reportable under the Factory and Workshop Acts. The number of such cases reported in

## OCCUPATIONS.

## IN FACTORIES AND WORKSHOPS.

*Inspector of Factories and Workshops for the Year 1901, Part II. (Cd. 1300 of 1902). and subject to revision.]*

and Workshop Acts, and not included as Cases, so far as is known, in the include all fatal cases reported, whether included, as Cases, previously or not.

DEATHS.						DISEASE AND INDUSTRY.
1901.			1902.			
Males.	Females.	Total.	Males.	Females.	Total.	
3	..	3	..	..	..	<b>LEAD POISONING.</b>
1	..	1	..	..	..	Smelting of Metals.
..	..	..	..	..	..	Brass Works.
..	..	..	1	..	1	Sheet Lead and Lead Piping.
1	..	1	..	..	..	Plumbing and Soldering.
7	..	7	1	..	1	Printing.
..	..	..	..	..	..	File Cutting.
7	..	7	..	..	..	Tinning and Enamelling of Iron
..	..	..	1	..	1	Hollow ware.
4	1	5	..	..	..	White Lead Works.
..	..	..	3	1	4	Bed and Yellow Lead Works.
3	..	3	..	..	..	China and Earthenware.
..	..	..	2	..	2	Litho-transfer Works.
1	..	1	..	1	1	Glass Cutting and Polishing.
4	..	4	1	..	1	Enamelling of Iron Plates.
1	..	1	1	..	1	Electrical Accumulator Works.
..	..	..	..	..	..	Paint and Colour Works.
1	..	1	1	..	1	Coach Making.
..	..	..	1	..	1	Shipbuilding.
1	..	1	..	1	1	Paint used in other Industries.
..	..	..	..	..	..	Other Industries.
<b>33</b>	<b>1</b>	<b>34</b>	<b>12</b>	<b>2</b>	<b>14</b>	<b>Total.</b>
..	..	..	..	..	..	<b>MERCURIAL POISONING.</b>
..	..	..	..	..	..	Barometer and Thermometer
..	..	..	..	..	..	Making.
..	..	..	..	..	..	Furriers' Processes.
..	..	..	..	..	..	Other Industries.
..	..	..	..	..	..	<b>Total.</b>
..	..	..	2	..	2	<b>PHOSPHORUS POISONING.</b>
..	..	..	..	..	..	Lucifer Match Works.
..	..	..	..	..	..	Other Industries.
..	..	..	2	..	2	<b>Total.</b>
..	..	..	..	..	..	<b>ARSENIC POISONING.</b>
1	..	1	..	..	..	Paints, Colours, and Extraction
1	..	1	..	..	..	of Arsenic.
..	..	..	..	..	..	Other Industries.
1	..	1	..	..	..	<b>Total.</b>
2	..	2	1	..	1	<b>ANTHRAX.</b>
1	1	2	1	..	1	Wool Sorting.
1	..	1	1	1	2	Wool Combing.
5	..	5	5	..	5	Handling of Horsehair.
..	..	..	..	..	..	Handling and Sorting of Hides
..	..	..	..	..	..	and Skins (Tanners, Fell-
..	..	..	..	..	..	mongers, &c.).
..	..	..	..	..	..	Other Industries.
<b>9</b>	<b>1</b>	<b>10</b>	<b>8</b>	<b>1</b>	<b>9</b>	<b>Total.</b>

32 deaths) were reported in 1902 among house painters and plumbers. Such cases are not 1901 was 169, and the number of deaths 41.

# INDUSTRIAL GENERAL

[Compiled from the following Tables, pages 104-118, from the Annual Returns

	Number employed according to latest Returns.†	Number of Persons reported as Killed in						
		1897.	1898.	1899.	1900.	1901.	1902.*	
I.—Factories ... ..	3,929,213	513	575	675	802	769	837	
II.—Mines :								
Underground { Coal ... ..	662,901	833	779	801	899	950	907	
{ Metal ... ..	18,035	42	27	50	32	28	26	
Surface { Coal ... ..	161,890	97	129	115	113	151	117	
{ Metal ... ..	12,777	7	6	6	6	2	3	
Total Mines ... ..	855,603	979	941	972	1,050	1,131	1,053	
III.—Quarries (over 20 feet deep):								
Inside quarries ... ..	62,429	93	100	98	115	86	103	
Outside quarries ... ..	34,679	30	34	19	12	12	16	
Total Quarries ... ..	97,108	123	134	117	127	98	119	
IV.—Shipping (Merchant Vessels).‡	230,161	1,631	1,139	1,743	1,436	1,514	1,397	
V.—Railway Service : §								
Accidents connected with the movement of Railway Vehicles.	575,834	492	490	507	568	491	435	
Other Accidents ... ..								47
Total Railway Service§ ...	575,834	539	522	555	612	539	468	
Total of I. to V. ...	5,687,919	3,785	3,311	4,062	4,027	4,051	3,874	
VI.—Workshops ... ..	Cannot be stated.	3	2	6	11	13	9	
VII.—Under Factory and Workshop Act, 1895, Sec. 22, 23.								
Laundries ... ..		2	—	1	3	—	1	
Docks, Wharves and Quays		88	89	115	132	115	129	
Warehouses ... ..		12	16	21	30	34	42	
Buildings ... ..	40	45	53	67	104	89		
VIII.—Railway Service (Contractors' Servants).		27	20	29	19	26	17	
IX.—Under Notice of Accidents Act, 1894.		62	56	75	70	75	62	
X.—Shipping (Fishing Vessels, &c.).		243	271	257	394	204	290	
Grand Total of I. to X.		4,262	3,810	4,619	4,753	4,622	4,515	

\* Certain of the figures for 1902 are preliminary and subject to correction in the Annual Reports. (See detailed Tables, pp. 104-18.)

† The numbers employed relate to the following years:—Factories, 1898-9; Railway Service, 1901; and Mines, Quarries and Merchant Vessels, 1902.

‡ Year ended 30th June. The fatal accidents to Lascars are included, but not the non-fatal.

## ACCIDENTS.

## SUMMARY.

issued by the Home Office, and from the "Labour Gazette."]

Number of Persons reported as Injured in						
1897.	1898.	1899.	1900.	1901.	1902.*	
35,447	49,290	60,691	67,926	72,128	77,118	I.—Factories
						II.—Mines.
3,952	3,615	3,649	3,876	3,572	3,332	Coal } Underground.
212	230	229	203	175	186	Metal }
504	458	466	558	482	413	Coal } Surface.
96	105	133	91	82	68	Metal }
4,764	4,408	4,477	4,728	4,261	3,999	Total Mines.
						III.—Quarries (over 20 feet deep).
661	768	918	863	876	1,006	Inside quarries.
465	666	249	168	189	184	Outside quarries.
1,126	1,434	1,167	1,031	1,065	1,190	Total Quarries.
2,440	2,354	2,746	2,463	2,394	2,228	IV.—Shipping (Merchant Vessels).‡
						V.—Railway Service.§
4,104	4,117	4,582	4,542	4,214	3,806	Accidents connected with the movement of Railway Vehicles.
10,180	8,709	10,809	11,009	10,393	9,929	Other Accidents.
14,284	12,826	15,391	15,551	14,607	13,735	Total Railway Service.§
58,061	70,312	84,472	91,699	94,455	98,321	Total of I. to V.
76	135	150	229	230	224	VI.—Workshops.
						VII.—Under Factory and Workshop Act, 1895, Ss. 22, 23.
202	217	242	301	351	355	Laundries.
2,859	4,070	4,591	4,440	4,412	4,906	Docks, Wharves and Quays.
956	2,507	3,513	3,718	3,463	4,235	Warehouses.
276	616	702	1,361	2,141	2,412	Buildings.
118	153	191	147	133	123	VIII.—Railway Service. (Contractors' Servants).
1,154	1,491	2,358	2,293	1,968	1,451	IX.—Under Notice of Accidents Act, 1894.
154	132	150	115	133	157	X.—Shipping (Fishing Vessels, &c.)
63,856	79,693	96,369	104,303	107,286	112,197	Grand Total of I. to X.

§ Excluding Contractors' Servants. (See VIII.)

|| Year ended 30th June. The fatal accidents relate to all Fishing vessels and other boats and craft. The non-fatal accidents relate only to Fishing vessels of 15 tons and upwards registered under Part I. of the Merchant Shipping Act, 1894.

### ACCIDENTS REPORTED UNDER THE FACTORY AND WORKSHOP ACTS.

#### SUMMARY, 1888-1902.

[The figures for 1888-1901 have been compiled from the Appendices to the Annual Reports of the Chief Inspector of Factories and Workshops. Those for 1902 are preliminary and subject to revision.]

Year.	Killed.			Injured.					
	Males.	Fe- males.	Total.	Reported to Certifying Surgeons.			Reported to Inspectors only.*		
				Males.	Fe- males.	Total.	Males.	Fe- males.	Total.
1888 ... ..	369	17	386	5,589	1,462	7,051	...	...	...
1889 ... ..	432	11	443	5,967	1,557	7,524	...	...	...
1890 ... ..	436	48	484	6,238	1,489	7,727	...	..	...
1891 ... ..	405	15	420	6,502	1,605	8,107	...	...	...
1892 ... ..	403	23	426	6,654	1,563	8,217	...	...	...
1893 ... ..	403	19	422	6,332	1,432	7,764	...	...	...
1894 ... ..	430	18	448	7,661	1,640	9,301	...	...	...
1895 ... ..	431	24	455	8,231	1,780	10,011	...	...	...
1896* ... ..	{ 480 105 1	{ 10 1 106	{ 490 106 106	11,457	2,380	13,837	†	†	19,124
1897* ... ..	{ 503 141	{ 13 1	{ 516 142	12,985	2,342	15,327	23,891	598	24,489
1898* ... ..	{ 567 150 ...	{ 10 ... 150	{ 577 150 150	15,843	2,657	18,500	37,495	840	38,335
1899* ... ..	{ 669 189 1	{ 12 1 190	{ 681 190 190	18,758	3,142	21,900	46,958	1,031	47,989
1900* ... ..	{ 797 229	{ 16 3	{ 813 232	23,385	3,274	26,659	50,021	1,295	51,316
1901* ... ..	{ 758 252	{ 24 1	{ 782 253	24,168	4,064	28,232	52,897	1,596	54,493
1902* ... ..	{ 813 252	{ 33 9	{ 846 261	24,914	4,054	28,968	58,497	1,785	60,282

*Notes.*—The number of persons employed in factories in the United Kingdom in 1898-9 was 3,929,213. The number employed in all workshops from which accidents are required to be reported cannot be stated, although the number is very large. The number of reported accidents in workshops is, however, very small. (See Table on pp. 102-3.)

\* The Factory and Workshop Act of 1895 (Sections 22, 23) brought in a number of industries previously outside the Acts. The fatal accidents in these industries have been recorded separately, and are shown in the table in the second line of figures from 1896 onwards. The class of accidents in all industries required to be reported to Inspectors only was not reportable under the Factory Acts prior to that of 1895.

† Not distinguished in Factory Reports.

ACCIDENTS REPORTED UNDER THE FACTORY AND WORKSHOP  
ACTS—continued.

ACCIDENTS IN FACTORIES\* CLASSIFIED BY INDUSTRIES,  
1901.

[Compiled from the Annual Report of the Chief Inspector of Factories and Workshops for the Year 1901, Part II. (Cd. 1300 of 1902), and Supplement to the Annual Report for the Year 1900 (Cd. 841 of 1901).]

Groups of Industries.	Total Number Employed.†	Number Killed in 1901.			Death Rate per 1,000 Persons Employed.	Number Injured in 1901.		
		Males.	Fe-males.	Total.		Males.	Fe-males.	Total.
<b>TEXTILE FACTORIES:—</b>								
Cotton .. .. .	526,107	32	4	36	0'07	2,692	1,516	4,208
Wool .. .. .	114,054	13	1	14	0'12	547	301	848
Worsted .. .. .	130,686	9	..	9	0'07	402	288	690
Flax .. .. .	101,919	2	..	2	0'02	200	181	381
Other Textiles .. .	163,795	7	3	10	0'06	483	350	833
<b>Total Textile Factories.</b>	<b>1,036,570</b>	<b>63</b>	<b>8</b>	<b>71</b>	<b>..</b>	<b>4,324</b>	<b>2,636</b>	<b>6,960</b>
<i>Rate per 1,000 employed</i>	<i>..</i>	<i>0'06</i>	<i>0'01</i>	<i>..</i>	<i>0'07</i>	<i>4'17</i>	<i>2'54</i>	<i>6'71</i>
<b>NON-TEXTILE FACTORIES:—</b>								
Print, Bleach, Dye, Works.	136,565	25	..	25	0'18	819	57	876
Wood—Saw Mills, Carpenters.	104,533	27	..	27	0'26	2,605	4	2,609
Cabinet, Furniture and Household Utensil Makers, and Upholsterers.	66,577	3	..	3	0'04	618	55	673
Metals, Extraction, Founding and Conversion of.	306,701	141	..	141	0'46	11,467	71	11,538
Machines, Conveyances, Appliances, Tools.	881,686	261	1	262	0'29	35,004	255	35,259
Metals, Galvanising, Finishing, &c.	27,842	5	..	5	0'18	378	20	398
Clothing .. .. .	249,910	21	..	21	0'08	678	151	829
Paper, Printing, Stationery, &c.	246,797	23	2	25	0'10	1,567	373	1,940
Food, Drink, Tobacco, Snuff, and Cigars.	267,968	61	1	62	0'23	2,266	1,123	3,389
Jewellery, Plate, Fine Instruments, Fancy Articles, Games.	56,233	3	1	4	0'07	173	56	229
Leather.—Tanners, Fellmongers, Curriers.	27,516	1	..	1	0'04	242	2	244
India-rubber and Gutta Percha.	18,794	3	..	3	0'16	104	11	115
Glass, Clay, Stone, &c. .	178,821	41	3	44	0'25	1,915	110	2,025
Chemicals, &c. (including Explosives).	102,572	54	1	55	0'54	2,118	99	2,217
Gas .. .. .	57,101	20	..	20	0'35	842	..	842
Miscellaneous Industries.	157,908	27	3	30	0'19	1,659	326	1,985
<b>Total Non-Textile Factories.</b>	<b>2,892,643</b>	<b>688</b>	<b>12</b>	<b>698</b>	<b>..</b>	<b>62,455</b>	<b>2,713</b>	<b>65,168</b>
<i>Rate per 1,000 employed</i>	<i>..</i>	<i>0'24</i>	<i>0'00</i>	<i>..</i>	<i>0'24</i>	<i>21'59</i>	<i>0'94</i>	<i>22'53</i>
<b>Total Textile and Non-Textile Factories.</b>	<b>3,929,213</b>	<b>749</b>	<b>20</b>	<b>769</b>	<b>..</b>	<b>66,779</b>	<b>5,349</b>	<b>72,128</b>
<i>Rate per 1,000 employed</i>	<i>..</i>	<i>0'19</i>	<i>0'01</i>	<i>..</i>	<i>0'20</i>	<i>17'00</i>	<i>1'36</i>	<i>18'36</i>

\* This table relates to operatives in factories only (see first note at foot of preceding table, page 104).  
† The figures in this column relate to 1898-9. The numbers of males and females respectively are given on page 196.

**ACCIDENTS REPORTED UNDER THE  
CLASSIFIED BY CAUSE**

[ *Compiled from the Annual Report of the Chief Inspector of Factories* ]

Groups of Industries.	Movement of Machinery.						Hot Liquid or Molten Metal or other Substance in Vat or Pan.	
	Hoists.		Cranes and other Lifting Tackle.		Other.		Fatal.	Non-Fatal.
	Fatal.	Non-Fatal.	Fatal.	Non-Fatal.	Fatal.	Non-Fatal.		
<b>TEXTILE FACTORIES.</b>								
Cotton .. .. .	2	53	..	8	16	2,640	..	6
Wool .. .. .	1	14	..	7	5	565	..	13
Worsted .. .. .	2	23	1	4	2	470	..	4
Other Textiles .. .. .	..	26	..	3	7	823	1	1
<b>NON - TEXTILE FACTORIES.</b>								
Print, Bleach, Dye Works	..	16	..	5	9	421	5	49
Wood.—Saw Mills, Carpenters.	1	1	1	21	10	1,725	1	..
Metals, Extraction, Founding and Conversion of.	..	54	13	423	42	2,160	4	78
Machines, Appliances, Conveyances, Tools.	2	61	29	619	53	7,851	1	50
Paper, Printing, Stationery, &c.	6	31	..	2	5	1,279	1	7
Food, Drink, Tobacco, Snuff and Cigars.	4	72	..	36	24	848	5	26
Glass, Clay, Stone, &c.	..	16	1	16	14	450	2	4
Chemicals, &c. (including Explosives).	1	26	..	17	13	386	2	66
Gas .. .. .	..	1	1	10	10	77	..	4
Miscellaneous Industries	3	53	1	26	8	2,480	2	22
<b>WORKSHOPS.</b>								
Machines, Appliances, Conveyances, Tools.	..	..	..	..	..	10	..	1
Miscellaneous Industries	..	..	..	..	..	22	2	2
<b>INDUSTRIES UNDER Ss. 22 &amp; 23 OF 1895 ACT.</b>								
Laundries .. .. .	..	1	..	..	..	273	..	3
Docks, Wharves and Quays.	1	8	30	750	10	201	..	1
Warehouses .. .. .	4	30	5	156	3	175	..	..
Construction and Repairing of Buildings (S. 23, ss. 1b and 2a.	1	10	14	140	13	144	..	..
Buildings defined by S.23, ss. 2b.	..	10	..	..	..	9	..	..
<b>Totals, 1900 ..</b>	<b>28</b>	<b>505</b>	<b>96</b>	<b>2,243</b>	<b>244</b>	<b>23,007</b>	<b>26</b>	<b>376</b>



FACTORY AND WORKSHOP ACTS—*continued.*

AND INDUSTRY, 1901.

and Workshops for the Year 1901, Part II. (Cd.—1900 of 1902.)]

Explosion.		Escape of Gas, Steam or Metal.		Falls (other than those included in preceding Columns).		Other Causes.		Total.	
Fatal.	Non-Fatal.	Fatal.	Non-Fatal.	Fatal.	Non-Fatal.	Fatal.	Non-Fatal.	Fatal.	Non-Fatal.
1	16	..	31	9	448	8	1007	36	4,208
..	4	..	6	3	85	5	154	14	848
..	7	1	5	8	62	..	115	9	680
..	4	..	8	4	113	..	288	12	1,214
..	18	..	18	5	119	6	231	25	876
..	1	1	9	9	158	4	694	27	2,609
7	254	15	1,580	29	1,191	33	5,788	141	11,558
4	164	2	383	99	4,273	62	21,858	252	35,259
1	10	..	30	6	141	6	440	25	1,940
7	752	..	29	13	330	9	1,296	62	3,389
2	13	..	23	5	262	20	1,241	44	2,025
..	46	2	87	10	367	7	1,233	35	2,217
..	29	3	55	4	169	2	497	30	843
24	100	1	62	15	327	13	1,405	67	4,473
..	..	..	1	1	34	..	93	1	139
2	2	..	1	2	16	6	46	12	91
..	1	..	8	..	24	..	41	..	351
1	11	..	15	39	899	34	2,557	115	4,412
..	2	..	1	15	662	7	2,437	34	3,463
1	5	..	13	56	427	19	958	104	1,687
..	3	..	..	..	93	..	329	..	444
50	1,442	23	2,875	327	10,159	241	42,658	1,035	82,725

**ACCIDENTS REPORTED UNDER THE FACTORY AND WORKSHOPS  
ACTS—continued.**

**CLASSIFIED ACCORDING TO NATURE OF INJURY, 1902.**

[Compiled from Returns furnished to the Department by the Chief Inspector of Factories and Workshops. The figures are preliminary and subject to revision.]

	Adults (over 18).		Young Persons (13-18).		Children (11-14).		All Ages.			
	Males.	Fe- males.	Males.	Fe- males.	Males.	Fe- males.	Males.	Fe- males.	Males and Fe- males.	
<b>(A.)—ACCIDENTS REQUIRED TO BE NOTIFIED TO CERTIFYING SURGEONS AS WELL AS TO INSPECTORS.</b>										
Causing Death .. .. .	965	25	99	15	1	2	1,065	42	1,107	
Causing Injury:—										
Loss of right hand or arm .. ..	57	8	16	1	..	..	73	9	82	
Loss of left hand or arm .. ..	35	6	10	3	..	..	45	9	54	
Loss of part of right hand .. ..	816	173	376	127	15	5	1,207	305	1,512	
Loss of part of left hand .. ..	896	103	313	87	8	2	1,217	192	1,409	
Loss of any part of leg or foot ..	86	1	20	1	..	..	106	2	108	
Fracture of limbs or bones of trunk.	580	39	186	24	7	1	773	64	837	
Fracture of hand or foot .. ..	423	60	119	41	5	..	547	101	648	
Loss of sight of one or both eyes	42	6	2	1	..	..	44	7	51	
Injuries to head and face .. ..	1,652	230	269	77	10	7	1,931	304	2,235	
Burns and scalds .. .. .	3,134	79	491	37	5	..	3,630	116	3,746	
Lacerations, contusions, and other injuries not enumerated above.	11,551	1,845	3,689	1,068	98	32	15,341	2,946	18,286	
<b>Total .. .. .</b>	<b>19,275</b>	<b>2,540</b>	<b>5,491</b>	<b>1,467</b>	<b>143</b>	<b>47</b>	<b>24,914</b>	<b>4,054</b>	<b>28,968</b>	
<b>(B.)—NON FATAL ACCIDENTS REQUIRED TO BE NOTIFIED TO INSPECTORS ONLY.*</b>										
	51,799	1,117	6,629	639	69	29	58,497	1,785	60,282	
<b>Total of Non-fatal Accidents ..</b>	<b>71,074</b>	<b>3,657</b>	<b>12,120</b>	<b>2,106</b>	<b>217</b>	<b>76</b>	<b>63,411</b>	<b>5,839</b>	<b>69,250</b>	

\* Nature of injury not required to be reported.

**FATAL ACCIDENTS REPORTED UNDER COAL MINES  
REGULATION ACTS.**

CLASSIFIED BY PLACE OR CAUSE OF ACCIDENTS,  
1887-1902.

[Compiled from the Annual Returns issued by the Home Office.]

Year.	Number of Deaths resulting from—					Grand Total of Deaths.	Death-rate from Accidents	
	Ex- plosions of Fire- damp or Coal Dust.	Falls of Ground.	Acci- dents in Shafts.	Miscel- laneous Acci- dents Under- ground.	Acci- dents on Surface.		Per 1,000 Persons employed.	Per 1,000,000 Tons of Mineral raised.
1887	149	470	84	213	79	995	1.89	5.75
1888	49	471	75	209	102	906	1.65	4.86
1889	138	465	74	292	143	1,112	1.91	5.61
1890	290	434	88	245	137	1,194	1.89	5.96
1891	51	476	119	236	123	1,005	1.50	4.95
1892	123	435	91	255	112	1,016	1.49	5.11
1893	160	412	103	265	120	1,060	1.55	6.04
1894	317	444	77	177	112	1,127	1.60	5.65
1895	55	426	97	345	119	1,042	1.49	5.17
1896	173	424	68	237	123	1,025	1.48	4.92
1897	19	480	57	277	97	930	1.34	4.32
1898	27	431	64	257	129	908	1.28	4.22
1899	54	437	69	241	115	916	1.26	3.93
1900	45	493	80	281	113	1,012	1.30	4.25
1901	125	482	71	272	151	1,101	1.36	4.76
1902	63	452	102	290	117	1,024	1.24	4.27

*Note.*—The number of persons employed in and about mines under the Coal Mines Regulation Acts in the United Kingdom in 1902 was 824,791 viz., 662,901 underground and 161,890 above ground. The quantity of mineral raised in 1902 was 289,717,699 tons, of which 227,084,871 tons were coal.

**FATAL ACCIDENTS REPORTED UNDER METALLIFEROUS  
MINES REGULATION ACTS.**

CLASSIFIED BY PLACE OR CAUSE OF ACCIDENTS,  
1887-1902.

[ *Compiled from the Annual Returns issued by the Home Office.* ]

Year.	Number of Deaths resulting from—					Grand Total of Deaths.	Death-rate from Accidents per 1,000 Persons employed.
	Ex- plosions of Fire- damp.	Falls of Ground.	Acci- dents in Shafts.	Miscel- laneous Acci- dents Under- ground.	Acci- dents on Surface.		
1887... ..	5	23	13	14	1	56	1.34
1888... ..	1	25	14	25	7	72	1.66
1889... ..	...	23	12	15	9	64	1.47
1890... ..	...	14	10	14	8	46	1.09
1891... ..	...	24	13	9	5	51	1.29
1892... ..	...	19	12	13	8	52	1.36
1893... ..	...	23	12	27	3	65	1.73
1894... ..	...	13	16	11	6	46	1.36
1895... ..	...	21	13	13	7	54	1.62
1896... ..	...	15	11	7	7	40	1.21
1897... ..	...	10	2	30	7	49	1.46
1898... ..	...	20	2	5	6	33	0.96
1899... ..	...	19	14	17	6	56	1.59
1900... ..	...	16	6	10	6	38	1.10
1901... ..	...	12	8	8	2	30	0.92
1902... ..	...	15	3	8	3	29	0.94

*Note.*—The number of persons employed in mines under the Metalliferous Mines Regulation Acts in the United Kingdom, in 1902, was 30,812, viz., 18,035 underground and 12,777 above ground.

## FATAL ACCIDENTS TO SEAMEN.\*

## SUMMARY 1887-1902.

[The figures for 1887 to 1901 are extracted from the Annual Abstracts of Shipping Casualties. Those for 1902 are preliminary and subject to revision.]

Year ended June 30th.	Deaths in Sea-going TRADING VESSELS registered under the Merchant Shipping Acts.			Deaths in FISHING VESSELS.			Deaths by Wrecks of, or Casualties to, other BOATS and CRAFT.	TOTAL DEATHS.		
	By Wrecks of, or Casualties to, the Vessels.	By other Accidents.	Total.	By Wrecks of, or Casualties to, the Vessels.	By other Accidents.	Total.		By Wrecks of, or Casualties to, the Vessels.	By other Accidents.	Grand Total.
1887 ..	1,349	693	2,042	161	108	269	79	1,589	801	2,390
1888 ..	1,174	772	1,946	163	212	375	43	1,380	984	2,364
1889 ..	962	841	1,803	236	178	414	43	1,241	1,019	2,260
1890 ..	914	870	1,784	158	134	292	69	1,141	994	2,135
1891 ..	1,208	789	1,997	104	91	195	47	1,359	880	2,239
1892 ..	1,104	810	1,914	200	103	303	58	1,382	913	2,275
1893 ..	970	649	1,619	88	85	173	58	1,116	734	1,850
1894 ..	1,220	802	2,022	282	96	378	60	1,562	898	2,460
1895 ..	967	764	1,721	373	96	469	46	1,376	860	2,236
1896 ..	1,154	742	1,896	172	93	272	65	1,398	835	2,233
1897 ..	899	732	1,631	93	110	203	40	1,032	842	1,874
1898 ..	489	650	1,139	149	86	235	36	674	736	1,410
1899 ..	1,061	662	1,723	106	103	209	48	1,235	765	2,000
1900 ..	769	667	1,436	245	80	325	69	1,083	747	1,830
1901 ..	844	670	1,514	105	69	174	30	979	739	1,718
1902 ..	776	621	1,397	183	74	257	33	992	695	1,687

NOTE.—The number of seamen employed in Sea-going Trading Vessels belonging to the United Kingdom registered under the Merchant Shipping Acts in 1902 was 230,161. The number employed in Fishing Vessels and in other Boats and Craft cannot be stated.

\* Including accidents at sea, and in rivers and harbours.

**FATAL ACCIDENTS TO SEAMEN—continued.**  
**DEATH-RATES IN TRADING VESSELS, 1887-1902.**

*[The figures for the years 1887 to 1901 are compiled from the Annual Abstracts of Shipping Casualties and the Annual Statements of Navigation and Shipping issued by the Board of Trade. Those for 1902 are preliminary and subject to revision.]*

Year ended June 30th.	Number of Seamen killed by Accidents at Sea or in Rivers and Harbours in Trading Vessels registered under the Merchant Shipping Acts.					
	Sailing Vessels.		Steam Vessels.		Total.	
	Number killed.	Death-rate per 1,000 employed.	Number killed.	Death-rate per 1,000 employed.	Number killed.	Death-rate per 1,000 employed.
1887 ... ..	1,087	16·97	955	8·02	2,042	11·15
1888 ... ..	1,048	14·88	898	6·87	1,946	9·67
1889 ... ..	997	14·66	806	5·77	1,803	8·68
1890 ... ..	856	18·01	928	6·24	1,784	8·32
1891 ... ..	1,174	18·53	823	5·31	1,997	9·15
1892 ... ..	1,106	17·39	808	5·18	1,914	8·72
1893 ... ..	856	13·96	763	4·86	1,619	7·42
1894 ... ..	970	16·57	1,052	6·61	2,022	9·28
1895 ... ..	916	16·33	805	4·97	1,721	7·89
1896 ... ..	960	18·02	936	5·64	1,896	8·65
1897 ... ..	680	13·64	951	5·66	1,631	7·48
1898 ... ..	486	10·44	653	3·78	1,139	5·19
1899 ... ..	625	14·42	1,118	6·29	1,743	7·88
1900 ... ..	498	12·10	938	5·11	1,436	6·40
1901 ... ..	679	17·68	835	4·46	1,514	6·72
1902 ... ..	479	13·15	918	4·74	1,397	6·07

## ACCIDENTS TO RAILWAY SERVANTS.\*

SUMMARY, 1887-1902.

[Compiled from the Annual Reports issued by the Board of Trade.]

Year.	By Accidents connected with the movement of Railway Vehicles.		By other Accidents on Railway Companies' Premises.		Total.	
	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
1887	422	2,075	34	3,703	456	5,778
1888	396	2,193	46	4,392	442	6,585
1889	435	2,769	41	5,593	476	8,362
1890	499	3,122	37	6,287	536	9,409
1891	549	3,161	54	5,995	603	9,156
1892	534	2,915	41	5,510	575	8,425
1893	460	2,631	56	4,204	516	6,835
1894	479	2,711	43	4,518	522	7,229
1895	442	2,654	47	4,826	489	7,480
1896	447	3,986†	43	10,124†	490	14,110†
1897	510	4,129	56	10,273	566	14,402
1898	504	4,149	38	8,830	542	12,979
1899	531	4,633	53	10,949	584	15,582
1900	583	4,585	48	11,113	631	15,698
1901	511	4,243	54	10,497	565	14,740
1902	447	3,823	38	10,035	485	13,858

NOTE.—The number of persons employed on 31st December, 1901, by Railway Companies in the United Kingdom was 575,834.

\* Including Contractors' Servants, of whom 17 were reported killed and 123 injured by accidents in 1902.

† The Report for 1896 states that "there can be no doubt that the number of returns of injuries to servants received by the Board of Trade has been considerably affected by the Order recently made by the Department as regards the mode in which the returns are made."

ACCIDENTS TO RAILWAY SERVANTS—*continued.*

## CLASSIFIED BY OCCUPATIONS, 1902.

[Compiled from Board of Trade Returns of Railway Accidents for 1902.  
(Cd. 1560 of 1903).]

Nature of Employment	Accidents connected with movement of Railway Vehicles.		Other Accidents on Railway Companies' Premises.		Total.		Number of persons employed in 1901.
	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	
Capstan Men and Lads ..	..	95	..	15	..	110	1,256
Carmen and Vanguarders	1	11	5	450	6	461	23,530
Carriage Cleaners.. ..	10	28	1	158	11	186	5,381
Checkers .. .. .	1	9	1	175	2	184	7,971
Chockers, Chain-boys, and Slippers.	1	72	..	19	1	91	736
Clerks.. .. .	3	13	..	46	3	59	61,810
Engine Cleaners .. ..	10	86	..	494	10	580	19,243
Engine Drivers .. ..	20	313	..	588	20	901	25,556
Firemen .. .. .	23	470	1	709	24	1,179	24,063
Gatekeepers .. .. .	3	5	1	21	4	26	3,507
Greasers .. .. .	6	28	..	19	6	47	1,805
Guards (Goods) and Brakesmen.	44	779	..	327	44	1,106	15,708
Guards (Passenger) ..	2	126	..	129	2	265	7,391
Horse Drivers .. .. .	6	29	..	33	6	122	2,272
Inspectors .. .. .	7	27	..	41	7	68	6,772
Labourers .. .. .	32	118	7	1,168	39	1,268	53,232
Lampmen and Lamp-lads	8	11	1	130	9	141	2,285
Loaders and Sheetors ..	4	25	..	144	4	169	4,430
Mechanics .. .. .	14	38	6	470	20	508	81,440
Permanent Way Men ..	101	128	4	1,310	105	1,438	66,631
Porters .. .. .	51	498	4	2,375	55	2,373	55,276
Shunters .. .. .	34	537	1	169	35	756	10,841
Signal Fitters and Tele- graph Wiremen.	3	7	1	47	4	54	3,843
Signalmen .. .. .	5	39	..	177	5	216	27,723
Station Masters .. ..	3	6	..	34	3	40	3,103
Watchmen .. .. .	1	2	..	8	1	10	993
Yardsmen .. .. .	7	26	..	20	7	46	1,717
Miscellaneous .. .. .	35	170	..	653	35	823	52,359
Total .. .. .	435	3,306	33	9,929	468	13,735	575,334
Contractors' Servants ..	12	17	5	106	17	123	Cannot be stated.



## ACCIDENTS TO RAILWAY SERVANTS.\*—continued.

## CLASSIFIED BY PLACE OR CAUSE OF ACCIDENT, 1902.

[Compiled from Board of Trade Returns of Railway Accidents for 1902.  
(Cd. 1560 of 1903).]

	Killed.	Injured.
<b>ACCIDENTS CONNECTED WITH MOVEMENT OF RAILWAY VEHICLES.</b>		
Accidents to trains ... ..	4	110
During shunting operations :—		
Whilst coupling or uncoupling vehicles ... ..	15	501
When getting on or off, or falling off engines, waggons, &c.	8	181
Whilst braking, spragging, or chocking wheels ...	8	362
Whilst moving vehicles by capstans, turn-tables, props, levers, &c.	10	352
Other ... ..	51	617
From falling off trains, engines, &c., in motion ... ..	7	68
When getting on or off engines, vans, &c., during running of trains.	3	226
By coming in contact with over-bridges or erections on the sides of the line.	8	69
Whilst attending to machinery, &c., of engines in motion...	2	360
Whilst working on permanent way, sidings, &c. ... ..	84	123
Whilst walking, crossing, or standing on the line on duty :—		
At stations ... ..	96	202
At other parts of the line ... ..	34	48
From being caught between vehicles ... ..	30	96
From falling or being caught between trains and platforms, walls, &c.	11	61
Whilst walking, &c., along the line to or from work ...	35	42
Miscellaneous ... ..	41	410
<b>OTHER ACCIDENTS ON RAILWAY COMPANIES' PREMISES.</b>		
Whilst loading, unloading, or sheeting waggons... ..	6	1,044
Whilst moving goods and luggage in stations, &c. ... ..	1	622
By the falling of waggon-doors, lamps, bales of goods, &c.	...	412
Whilst attending to engines at rest ... ..	1	1,297
From falling off, or when getting on or off engines or vehicles at rest.	3	1,002
From falling off ladders, scaffolds, &c. ... ..	6	330
By stumbling whilst walking on the line ... ..	1	658
From the falling of rails, sleepers, &c., when at work on the line or in sidings.	1	627
Miscellaneous ... ..	19	3,443
Total ... ..	485	13,858

\* Including Contractors' Servants to the number of 17 killed and 123 injured.

**ACCIDENTS TO RAILWAY SERVANTS\*—continued.**  
**CLASSIFIED BY NATURE OF INJURIES, 1902.**

[Compiled from Board of Trade Returns of Railway Accidents for 1902.  
(Cd. 1560 of 1903).]

Nature of Injuries.	Accidents connected with the movement of Railway Vehicles.	Other Accidents.	Total.
Fatal ... ..	447	38	485
Injuries resulting in loss of—			
Legs or feet ... ..	47	4	51
Arms or hands ... ..	25	2	27
Fingers or toes ... ..	25	25	50
Fractures of—			
Skull ... ..	10	8	18
Legs or arms ... ..	91	201	292
Collar bones or ribs ... ..	85	94	179
Other bones ... ..	32	65	97
Dislocations ... ..	80	92	122
Internal injuries ... ..	79	178	257
Contusions of—			
Head or body ... ..	518	539	1,057
Limbs ... ..	974	2,569	3,543
Scalds or burns ... ..	94	177	271
Sprains ... ..	394	1,729	2,123
Cuts or lacerations ... ..	335	1,022	1,357
Shock to system ... ..	38	35	73
Miscellaneous injuries ... ..	1,046	3,295	4,341
Total injured ... ..	3,823	10,035	13,858
Total killed and injured ...	4,270	10,073	14,343

\* Including Contractors' Servants to the number of 17 killed and 123 injured.

ACCIDENTS REPORTED UNDER NOTICE OF ACCIDENTS ACT.  
CLASSIFIED BY NATURE OF EMPLOYMENT, 1896-1902.

[Compiled from particulars supplied by the Railway Department of the Board of Trade.]

Nature of Works, &c.	Killed.							Injured.						
	1896.	1897.	1898.	1899.	1900.	1901.	1902.	1896.	1897.	1898.	1899.	1900.	1901.	1902.
(A). CONSTRUCTION OR REPAIR OF :-														
Bridge .. ..	8	5	2	3	4	3	3	23	36	32	25	33	43	38
Canal .. ..	..	..	2	1	3	..	..	10	2	7	22	14	25	10
Railway† .. ..	24	25	25	30	29	44	29	436	481	544	738	811	682	450
Tramroad .. ..	..	1	..	..	..	2	..	..	..	..	2	1	..	1
Tramway .. ..	1	..	..	..	2	..	4	6	7	17	23	50	28	32
Tunnel .. ..	6	5	4	8	9	5	9	191	125	81	159	295	393	237
Other Works authorised by any local or personal Act of Parliament.	9	18	12	17	15	11	8	307	334	434	1,005	749	447	384
<b>Total .. ..</b>	<b>48</b>	<b>54</b>	<b>45</b>	<b>59</b>	<b>62</b>	<b>65</b>	<b>53</b>	<b>973</b>	<b>985</b>	<b>1,185</b>	<b>1,974</b>	<b>1,952</b>	<b>1,623</b>	<b>1152</b>
(B). USE OR WORKING OF :-														
Bridge .. ..	..	..	..	..	..	..	..	..	..	..	..	3	..	..
Canal .. ..	3	4	5	11	4	5	2	35	37	43	64	46	51	41
Tramroad .. ..	..	..	..	..	..	..	..	2	6	1	1	1	..	..
Tramway .. ..	1	2	1	2	2	3	4	114	107	262	303	275	264	243
Tunnel .. ..	1	..	..	..	..	..	..	..	..	..	..	..	..	..
Other Works authorised by any local or personal Act of Parliament.	1	..	..	..	1	..	..	15	18	17	11	16	28	13
Traction or other steam engine or machine in the open air. }	4	2	5	3	1	2	3	..	1	3	5	..	2	2
<b>Total .. ..</b>	<b>10</b>	<b>8</b>	<b>11</b>	<b>16</b>	<b>8</b>	<b>10</b>	<b>9</b>	<b>166</b>	<b>169</b>	<b>326</b>	<b>334</b>	<b>341</b>	<b>345</b>	<b>299</b>
<b>Grand Total ..</b>	<b>58</b>	<b>62</b>	<b>56</b>	<b>75</b>	<b>70</b>	<b>75</b>	<b>62</b>	<b>1,139</b>	<b>1,154</b>	<b>1,491</b>	<b>2,358</b>	<b>2,293</b>	<b>1,968</b>	<b>1451</b>

\* Section 6 of the Act states that "Nothing in this Act shall apply to any employment which is for the time being regulated by any Act of Parliament administered by the Secretary of State, or by inspectors appointed by him, or shall require notice to be given of any accident of which notice is required by any other Act to be given to the Board of Trade." The Act came into operation on July 29th, 1894.

† Accidents during the working of railways being reportable under other Acts are not notified under the Act of 1894.

## ACCIDENTS REPORTED UNDER NOTICE OF ACCIDENTS.

ACT—continued.

## CLASSIFIED BY NATURE OF INJURY, 1897-1902.

[Compiled from particulars supplied by the Railway Department of the Board of Trade.]

Nature of Injury.	1897.	1898.	1899.	1900.	1901.	1902.	1897.	1898.	1899.	1900.	1901.	1902.
	Construction or Repair.						Use or Working.					
Fractures .. ..	95	111	123	153	102	84	22	30	31	18	30	21
Dislocations .. ..	11	19	15	15	13	16	3	4	9	2	3	1
Ruptures and other severe injuries to body.	45	38	48	47	42	57	6	8	13	17	8	18
Injuries to eye ..	26	52	69	73	72	52	4	17	14	6	12	9
Other injuries to head or face.	150	161	244	270	231	141	25	29	38	32	36	23
Other injuries to arms or hands.	215	301	567	610	489	346	29	64	60	84	71	75
Other injuries to legs or feet.	297	348	638	544	468	344	56	117	136	127	138	115
Miscellaneous injuries	146	135	271	260	206	112	24	57	53	55	47	37
Total ..	985	1,165	1,974	1,952	1,623	1,152	169	326	364	341	345	299

## FATAL ACCIDENTS REPORTED UNDER QUARRIES ACT.

CLASSIFIED BY PLACE OR CAUSE OF ACCIDENTS,  
1895\*-1902.

[Compiled from the Annual Returns issued by the Home Office.]

Year.	Number of Deaths resulting from the under-mentioned classes of Accidents.						Death-rate from Accidents per 1,000 Persons employed.
	Inside the Quarries.			Outside the Quarries.		Grand Total of Deaths.	
	Falls of Ground.	By Blasting.	Miscellaneous.	Ma-chinery.	Miscellaneous.		
1895	43	8	31	6	14	102	0·87
1896	43	10	37	14	20	124	1·10
1897	51	13	29	10	20	123	1·00
1898	44	10	46	15	19	134	1·00
1899	44	8	46	8	11	117	1·19
1900	53	13	49	2	10	127	1·35
1901	39	15	32	4	8	98	1·04
1902	44	16	43	6	10	119	1·23

Note.—The number of persons employed in Quarries under the Quarries Act in the United Kingdom in 1902 was 97,108, viz., 62,429 inside, and 34,679 outside the quarries.  
\* The Quarries Act (which applies to Quarries over 20 feet deep only), came into operation in 1896. Figures for previous years cannot be stated.

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**§ VI.—ASSOCIATIONS OF EMPLOYERS AND  
WORKMEN.**

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## ASSOCIATIONS OF EMPLOYERS.\*

## GENERAL SUMMARY for 1902.

[Based on special returns supplied to the Department.]

Trades.	Federation and National Associations.	Local Associations.			Total.
		England and Wales.†	Scotland.	Ireland.	
<b>Building Trades.</b>					
Master builders .. .. .	15	178	29	6	238
" bricklayers .. .. .	..	1	..	..	1
" masons .. .. .	..	2	11	..	13
" carpenters and joiners .. .. .	..	3	8	..	11
" slaters .. .. .	1	7	3	..	11
" plumbers .. .. .	1	40	8	3	52
" plasterers .. .. .	2	10	6	..	18
" painters .. .. .	5	59	11	4	79
" glaziers .. .. .	..	1	..	..	1
<b>Total ..</b>	<b>24</b>	<b>301</b>	<b>76</b>	<b>18</b>	<b>414</b>
<b>Mining and Quarrying.</b>					
Coal mining .. .. .	1	20	5	..	26
Ironstone mining .. .. .	..	1	..	..	1
Quarrying .. .. .	1	5	3	..	9
<b>Total ..</b>	<b>2</b>	<b>26</b>	<b>8</b>	<b>..</b>	<b>36</b>
<b>Metal, Engineering, and Shipbuilding Trades.</b>					
Iron and steel trades .. .. .	..	8	2	..	10
Engineering and shipbuilding .. .. .	3	46	16	1	66
Miscellaneous metal trades and metal working.	..	22	..	..	22
<b>Total ..</b>	<b>3</b>	<b>76</b>	<b>18</b>	<b>1</b>	<b>96</b>
<b>Textile Trades.</b>					
Cotton trades .. .. .	2	27	..	..	29
Woolen and worsted trades .. .. .	..	3	..	..	3
Other textile trades .. .. .	1	6	1	3	11
Bleaching, dyeing and finishing .. .. .	1	5	1	..	7
<b>Total ..</b>	<b>4</b>	<b>41</b>	<b>2</b>	<b>3</b>	<b>50</b>
<b>Clothing Trades.</b>					
Boot, shoe and clog manufacture .. .. .	2	23	4	1	30
Tailoring .. .. .	1	30	8	3	42
Other clothing trades .. .. .	1	3	..	..	4
<b>Total ..</b>	<b>4</b>	<b>46</b>	<b>12</b>	<b>4</b>	<b>66</b>
<b>Miscellaneous Trades.</b>					
Cab, cart, and car owners .. .. .	..	5	2	..	7
Ship, barge, fishing vessels, &c., owners.	1	9	1	..	11
Agriculture .. .. .	..	1	..	..	1
Printing and kindred trades .. .. .	5	30	4	2	41
Wood-working and furnishing trades.	3	21	7	3	34
Glass, pottery and brick trades .. .. .	..	17	4	..	21
Corn traders .. .. .	..	2	..	1	3
Bakers and confectioners .. .. .	3	24	13	1	41
Other miscellaneous trades .. .. .	1	18	3	1	23
<b>Total ..</b>	<b>13</b>	<b>127</b>	<b>34</b>	<b>8</b>	<b>182</b>
Parliamentary Associations .. .. .	2	..	..	..	2
<b>Grand Total* ..</b>	<b>52</b>	<b>617</b>	<b>150</b>	<b>29</b>	<b>846</b>

\* Associations purely for the purposes of trade protection, insurance, and the diffusion of information, or the advancement of technical knowledge, are, so far as possible, included.

† Including three Associations in the Isle of Man.

## TRADE UNIONS.

## GENERAL SUMMARY, 1892-1901.

[Extracted from the Report of the Board of Trade on Trade Unions. Cd. 1348 of 1902.]

## All Trade Unions.

Year.	Number at end of Year.	Total Membership at end of Year.
1892 ...	1,192	1,503,298
1893 ...	1,240	1,480,291
1894 ...	1,279	1,437,025
1895 ...	1,299	1,408,486
1896 ...	1,314	1,495,476
1897 ...	1,306	1,613,753
1898 ...	1,277	1,649,461
1899 ...	1,270	1,803,897
1900 ...	1,252	1,910,614
1901 ...	1,236	1,922,780

## 100 Principal Trade Unions.

Year.	Member- ship at end of Year.	Income.		Expenditure.		Funds at end of year.	
		Amount.	Per Member.	Amount.	Per Member.	Amount.	Per Member.
1892 ...	895,487	£ 1,467,535	s. d. 32 9½	£ 1,426,613	s. d. 31 10½	£ 1,605,067	s. d. 35 10½
1893 ...	899,791	£ 1,623,756	s. d. 36 1	£ 1,858,949	s. d. 41 3½	£ 1,369,874	s. d. 30 5½
1894 ...	914,588	£ 1,690,257	s. d. 35 7½	£ 1,432,841	s. d. 31 4	£ 1,567,290	s. d. 34 3½
1895 ...	906,308	£ 1,555,039	s. d. 34 3½	£ 1,389,207	s. d. 30 8	£ 1,733,122	s. d. 38 3
1896 ...	953,204	£ 1,669,655	s. d. 35 0½	£ 1,231,977	s. d. 25 10½	£ 2,170,800	s. d. 45 6½
1897 ...	1,055,951	£ 1,977,702	s. d. 37 5½	£ 1,891,763	s. d. 35 10	£ 2,256,739	s. d. 42 9
1898 ...	1,084,790	£ 1,912,072	s. d. 36 11½	£ 1,489,244	s. d. 28 9½	£ 2,679,567	s. d. 51 9½
1899 ...	1,108,587	£ 1,857,748	s. d. 33 6½	£ 1,276,789	s. d. 23 0½	£ 3,260,526	s. d. 58 10
1900 ...	1,153,642	£ 1,970,135	s. d. 34 1½	£ 1,474,611	s. d. 25 6½	£ 3,756,050	s. d. 65 1½
1901 ...	1,161,226	£ 2,061,501	s. d. 35 6	£ 1,655,635	s. d. 28 6½	£ 4,181,916	s. d. 71 8½

## ALL TRADE UNIONS—NUMBER

[Extracted from the Report of the Board of

NOTE.—Only those Trade Unions are included which have furnished Returns

GROUPS OF TRADES.	Number of Unions at end of—									
	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.	1900.	1901.
<b>Building Trades:—</b>										
Labourers ..	22	25	49	51	56	62	55	58	56	57
Others .. ..	75	75	75	75	78	78	79	76	72	68
<b>Mining and Quarrying:—</b>										
Mining .. ..	70	76	77	77	75	63	57	55	55	54
Quarrying ..	5	5	6	7	7	6	6	6	4	5
<b>Metal, Engineering, &amp; Shipbuilding.</b>	287	281	273	274	280	275	270	268	269	263
<b>Textile .. ..</b>	218	223	234	244	248	253	248	245	241	243
<b>Clothing:—</b>										
Boot and Shoe..	12	14	15	18	16	16	15	16	17	15
Tailoring .. ..	16	18	15	16	21	20	21	19	17	20
Other .. ..	15	14	14	14	15	13	11	11	14	13
<b>Transport:—</b>										
Railway Servants, Seamen .. ..	7	9	8	6	6	6	6	6	6	6
Other .. ..	43	42	46	48	44	46	46	46	46	45
<b>Agricultural Labourers &amp; Fishermen.</b>	11	13	13	11	7	6	6	6	5	5
<b>Printing, Paper, &amp; Allied Trades.</b>	52	56	56	55	57	56	54	55	54	50
<b>Woodworking and Furnishing.</b>	97	103	103	104	104	103	103	105	102	103
<b>Chemical, Glass, Pottery, &amp;c.</b>	43	47	49	51	49	48	46	46	45	43
<b>Food and Tobacco..</b>	25	27	28	27	28	28	29	29	28	28
<b>Workers in Fibre, Cane, &amp;c.</b>	19	19	19	19	17	17	17	16	16	14
<b>Leather .. ..</b>	31	32	34	34	33	33	32	31	32	32
<b>Enginemen .. ..</b>	31	33	37	39	38	37	36	35	32	34
<b>Miscellaneous Trades.</b>	65	65	67	68	71	71	69	69	73	71
<b>General Labour ..</b>	25	26	23	20	19	19	23	23	22	20
<b>Employees of Public Authorities:—</b>										
Government Employees.	14	16	17	20	24	27	26	23	21	22
Employees of Local Authorities.	9	9	11	11	12	12	12	13	13	12
<b>Grand Total .</b>	<b>1,192</b>	<b>1,240</b>	<b>1,279</b>	<b>1,299</b>	<b>1,314</b>	<b>1,306</b>	<b>1,277</b>	<b>1,270</b>	<b>1,252</b>	<b>1,236</b>

(a) Including female members and members abroad. In 1901 the



AND MEMBERSHIP, 1892-1901.

*Trade on Trade Unions. Cd. 1848 of 1902.]*

covering the period 1892-1901. The Unions excluded are few and unimportant.

(a) Membership at end of—

1892.	1893.	1894	1895.	1896.	1897.	1898.	1899.	1900.	1901.
26,945	27,393	25,247	24,237	24,851	31,434	35,685	39,384	38,468	36,868
151,026	145,487	153,474	154,998	168,490	183,486	196,441	210,531	214,802	211,755
306,442	309,673	302,304	275,530	271,509	272,913	349,081	421,492	498,777	505,023
8,330	8,439	5,242	4,805	8,468	10,141	5,559	5,073	6,379	9,513
279,292	266,634	263,628	266,019	303,368	319,523	309,120	331,875	338,205	334,913
204,172	205,647	214,425	218,878	218,016	218,722	214,562	220,721	220,939	219,266
49,853	48,124	50,702	47,734	43,033	41,974	33,136	33,944	35,123	33,542
23,036	23,543	22,396	22,271	25,185	25,393	24,997	25,437	24,512	25,014
10,562	9,071	8,649	8,505	8,715	8,413	7,991	7,946	8,066	7,735
46,453	47,765	53,893	51,220	58,852	101,880	67,944	74,132	78,566	73,171
31,173	28,174	11,520	11,610	12,657	15,908	12,039	14,557	14,306	18,101
77,032	67,792	67,890	56,911	62,888	65,269	66,950	74,412	76,398	75,162
36,966	32,630	8,125	3,573	3,456	3,379	2,353	2,323	1,840	1,837
45,291	46,725	47,797	49,090	50,968	52,964	54,064	56,452	57,256	58,214
32,096	32,197	30,768	31,999	36,812	33,796	33,096	39,682	39,706	39,781
18,488	19,126	18,141	17,870	17,440	16,542	17,126	17,545	20,138	19,343
14,329	14,509	14,653	14,510	14,843	15,874	16,481	17,267	17,329	19,300
5,024	4,991	4,102	4,202	4,213	4,075	4,061	4,231	3,994	3,917
6,468	6,396	7,211	7,241	7,864	7,977	7,543	7,672	8,218	8,590
9,894	8,963	10,598	11,010	13,105	14,425	14,901	16,963	19,638	20,098
14,168	16,311	19,963	20,624	21,847	24,380	24,828	28,707	34,444	40,618
162,868	86,976	77,965	68,417	76,844	95,382	99,268	110,979	113,549	115,525
15,782	18,962	22,556	28,543	36,019	37,801	35,484	35,581	36,102	40,512
6,644	6,533	5,984	5,821	6,413	6,391	6,761	6,901	3,907	5,187
<b>1,593,298</b>	<b>1,436,291</b>	<b>1,437,625</b>	<b>1,496,486</b>	<b>1,495,476</b>	<b>1,613,753</b>	<b>1,649,461</b>	<b>1,893,897</b>	<b>1,916,614</b>	<b>1,922,736</b>

females numbered 120,073 and the members abroad 10,301.

**100 PRINCIPAL TRADE UNIONS—**  
*[Extracted from the Report of the Board of*

GROUPS OF TRADES.	Membership at end of year.	Income.	Expendi- ture.	Funds at end of year.	
					No.
Building (14 Unions.)	1892	132,934	206,526	192,853	169,956
	1893	145,535	241,918	226,048	185,826
	1894	148,826	252,172	230,214	207,784
	1895	149,879	256,146	231,871	232,059
	1896	158,091	276,577	231,032	277,604
	1897	175,736	305,184	244,583	333,205
	1898	190,123	324,050	248,169	414,086
	1899	207,216	354,321	296,451	469,956
	1900	212,168	362,490	349,747	482,699
	1901	208,889	377,718	399,082	461,335
Mining and Quarrying (15 Unions.)	1892	198,527	276,226	234,230	305,383
	1893	199,556	348,563	532,848	121,096
	1894	201,205	341,287	243,834	213,551
	1895	194,879	215,871	178,802	265,420
	1896	193,081	224,036	154,575	324,881
	1897	198,583	221,721	157,920	386,682
	1898	199,942	213,489	161,166	441,006
	1899	214,994	235,789	113,055	563,720
	1900	237,555	271,800	114,825	720,695
	1901	243,868	310,739	196,052	835,382
Metal, Engineering, and Shipbuilding. (14 Unions.)	1892	175,198	495,336	511,399	578,606
	1893	177,411	510,809	559,396	530,029
	1894	180,698	528,545	576,028	482,546
	1895	186,397	575,973	540,126	518,393
	1896	207,585	658,069	473,819	702,843
	1897	218,098	891,371	1,026,271	567,943
	1898	213,447	803,100	627,759	743,284
	1899	231,011	696,080	459,165	980,199
	1900	233,058	728,260	514,090	1,194,369
	1901	237,742	753,335	571,961	1,375,743
Textile (20 Unions.)	1892	101,641	188,710	220,899	170,763
	1893	103,442	220,637	239,172	152,228
	1894	106,935	188,879	111,069	230,038
	1895	106,503	173,869	122,423	281,484
	1896	105,829	172,819	109,645	344,666
	1897	107,555	181,006	130,856	394,810
	1898	106,776	178,049	116,127	456,732
	1899	110,896	188,842	91,221	534,155
	1900	112,079	199,457	132,224	571,386
	1901	111,544	186,106	127,533	629,109
Clothing (4 Unions.)	1892	64,572	68,567	61,748	54,717
	1893	63,158	69,930	64,254	60,393
	1894	65,090	73,374	59,136	73,631
	1895	61,201	79,826	110,698	42,759
	1896	57,179	68,810	53,324	58,245
	1897	56,524	60,496	72,101	46,630
	1898	52,552	64,063	52,195	58,496
	1899	48,553	62,128	50,075	70,551
1900	47,597	63,950	55,940	77,581	
1901	48,187	59,778	49,962	87,347	

**SUMMARY OF ACCOUNTS, 1892-1901.**

*Trade on Trade Unions. Cd. 1348 of 1902.]*

GROUPS OF TRADES.	Membership at end of Year.	Income.	Expendi- ture.	Funds at end of Year.	
	No.	£	£	£	
Transport (Land and Sea) (10 Unions.)	1892	90,388	83,062	62,396	165,485
	1893	85,932	80,705	75,065	171,126
	1894	88,282	85,737	57,504	199,358
	1895	85,234	86,040	58,642	226,756
	1896	95,749	92,078	63,065	255,767
	1897	143,287	116,560	87,371	284,456
	1898	109,461	113,237	103,456	294,237
	1899	120,808	117,591	80,739	331,089
	1900	125,728	133,959	101,859	368,189
	1901	121,725	131,348	93,936	405,801
Printing and Allied Trades .. (7 Unions.)	1892	32,421	51,931	53,305	72,910
	1893	33,335	52,551	50,736	75,025
	1894	34,293	59,788	56,279	78,534
	1895	35,994	66,549	54,093	90,990
	1896	37,018	69,406	54,229	106,167
	1897	38,234	69,641	54,655	121,153
	1898	39,406	71,429	58,769	133,813
	1899	41,025	76,240	63,231	146,822
	1900	41,264	77,998	70,791	154,029
	1901	41,907	78,935	74,423	158,541
Woodworking and Furnishing (5 Unions.)	1892	14,887	30,126	27,205	20,368
	1893	15,030	32,138	32,265	20,241
	1894	14,253	32,235	30,194	22,282
	1895	14,830	33,377	30,282	25,377
	1896	18,033	36,354	30,746	30,986
	1897	19,556	45,163	41,963	34,184
	1898	19,015	53,934	46,342	41,776
	1899	20,455	46,471	37,504	50,743
	1900	21,266	47,968	42,634	56,107
	1901	19,928	45,370	43,948	57,529
Miscellaneous .. .. (11 Unions.)	1892	84,919	67,031	62,608	66,879
	1893	76,392	66,205	79,175	53,909
	1894	75,016	69,240	68,583	54,566
	1895	71,591	67,588	62,270	59,884
	1896	79,939	71,508	61,742	69,650
	1897	98,398	86,569	75,543	80,676
	1898	104,068	90,721	75,282	96,135
	1899	113,629	100,506	83,348	113,293
	1900	118,127	110,223	92,501	131,015
	1901	122,456	119,212	98,898	151,329
Grand Totals .. .. (100 Unions.)	1892	895,487	1,467,535	1,426,613	1,605,067
	1893	899,791	1,623,756	1,558,949	1,369,874
	1894	914,583	1,639,257	1,432,841	1,567,299
	1895	906,308	1,555,039	1,369,207	1,733,122
	1896	953,204	1,669,635	1,231,977	2,176,800
	1897	1,655,951	1,977,702	1,891,763	2,256,739
	1898	1,634,790	1,912,972	1,499,244	2,679,567
	1899	1,102,587	1,657,748	1,276,789	3,266,526
	1900	1,153,642	1,979,135	1,474,611	3,756,059
	1901	1,161,226	2,061,591	1,655,635	4,161,916

### 100 PRINCIPAL TRADE UNIONS—EXPENDI-

[Extracted from the Report of the Board of

GROUPS OF TRADES.	Unemployed, &c., Benefits.		Dispute Benefit.		Sick and Accident Benefits.		Superannuation Benefit.		
	Amount.	Per cent.	Amount.	Per cent.	Amount.	Per cent.	Amount.	Per cent.	
	£		£		£		£		
Building (14 Unions).	1892	31,729	16·5	33,222	17·2	50,913	26·4	13,122	6·8
	1893	40,080	17·7	39,566	17·5	55,489	24·6	14,722	6·5
	1894	53,794	23·4	26,178	11·4	58,531	25·4	17,054	7·4
	1895	52,245	22·6	18,620	8·0	64,771	27·9	19,217	8·3
	1896	25,099	10·9	36,877	16·0	61,518	28·6	31,127	9·1
	1897	24,216	9·9	20,304	8·3	66,636	27·3	22,797	9·3
	1898	22,249	9·0	18,599	7·5	75,648	30·5	24,955	10·0
	1899	24,377	8·1	57,828	19·4	81,952	37·4	26,829	9·0
	1900	46,355	15·3	69,535	19·8	91,290	38·1	29,899	8·5
	1901	67,228	16·9	84,855	21·3	96,078	24·1	34,072	8·5
Mining and Quarrying (15 Unions).	1892	7,638	3·3	129,585	55·3	15,991	6·8	—	—
	1893	62,435	11·7	353,968	66·4	22,366	4·2	—	—
	1894	26,638	10·9	65,036	26·7	19,827	8·1	—	—
	1895	68,046	38·1	41,403	23·2	24,053	13·4	—	—
	1896	42,896	27·8	39,478	25·5	24,712	16·0	—	—
	1897	24,877	15·7	43,374	27·5	31,450	19·9	—	—
	1898	13,735	8·5	50,149	31·1	28,016	17·4	—	—
	1899	10,247	6·1	18,311	16·2	31,941	28·3	—	—
	1900	4,419	3·8	11,664	10·2	33,852	29·5	—	—
	1901	17,727	9·0	67,434	34·4	35,438	18·1	—	—
Metal, Engineering, and Shipbuilding (14 Unions).	1892	187,885a	36·7	56,221a	11·0	94,492	18·5	68,454	13·4
	1893	250,381a	44·8	12,891a	2·3	109,065	19·5	75,411	13·5
	1894	258,620a	44·9	31,909a	5·5	100,006	17·4	80,605	14·0
	1895	190,241a	35·2	44,012a	8·1	116,546	21·6	86,308	16·0
	1896	112,180a	23·7	52,906a	11·2	104,390	22·0	92,682	18·6
	1897	193,791a	18·9	491,478a	47·9	109,740	10·7	99,278	9·7
	1898	103,755a	16·5	188,324a	30·0	113,235	18·1	106,533	17·0
	1899	80,004a	17·4	12,633a	2·7	121,030	26·4	117,531	25·6
	1900	92,131a	17·9	22,195a	4·3	129,052	25·1	124,702	24·3
	1901	132,025a	23·1	18,519a	3·2	134,989	23·6	134,633	23·5
Textile (20 Unions).	1892	41,635	18·8	126,021	57·1	5,738	2·6	1,890	0·9
	1893	44,106	18·4	131,055	54·8	7,482	3·1	1,824	0·8
	1894	37,916	34·1	20,478	18·4	5,557	5·0	1,719	1·6
	1895	47,997	39·2	19,758	16·1	6,900	5·6	1,952	1·6
	1896	33,953	31·0	16,396	14·9	8,031	7·3	2,377	2·2
	1897	38,609	29·5	29,307	22·4	6,827	5·2	2,688	2·1
	1898	33,793	29·1	18,056	15·8	7,218	6·2	3,440	2·1
	1899	26,089	26·6	5,913	6·5	8,166	9·0	3,338	4·2
	1900	67,558	43·5	12,094	9·2	7,309	5·5	2,219	1·7
	1901	43,606	34·2	8,818	6·9	7,575	6·0	3,056	2·4

(a) In the case of two unions, the allowance paid owing to trade disputes is partly included in their accounts under "Unemployed Benefit." As such Unemployed Benefit is really Dispute pay, it has been estimated and put out under "Dispute Benefit."

**TRIM ON CHIEF BENEFITS, &c., 1892-1901.**

*Trade on Trade Unions. Cd. 1948 of 1902.]*

Funeral Benefit.		Other Benefits and Grants.(b)		Working and other Expenses.		Total Expenditure.	GROUPS OF TRADES
Amount.	Per cent	Amount.	Per cent.	Amount.	Per cent.		
£		£		£		£	
12,703	0.6	6,367	3.3	44,797	23.2	192,853	1892
14,114	0.2	9,864	4.4	52,244	23.1	226,048	1893
14,494	0.3	6,116	2.6	54,117	23.5	230,214	1894
15,347	0.6	5,834	2.5	55,737	24.1	231,871	1895
16,616	7.2	12,144	5.3	57,651	24.9	231,632	1896
17,395	7.1	29,580	12.1	63,647	26.0	244,583	1897
19,442	7.8	20,063	8.1	67,213	27.1	248,169	1898
21,445	7.2	11,273	3.8	74,947	25.1	298,451	1899
23,006	6.6	9,299	2.7	80,521	23.0	349,747	1900
22,898	5.7	13,297	3.3	80,666	20.2	399,652	1901
} <b>Building (14 Unions).</b>							
7,740	3.3	34,954	14.9	38,322	16.4	234,230	1892
9,347	1.8	53,188	10.0	31,524	5.9	532,848	1893
7,793	3.2	66,501	27.3	58,039	23.8	243,324	1894
8,041	4.5	5,085	2.3	32,164	18.0	178,892	1895
8,285	5.4	4,883	3.0	34,521	22.3	154,575	1896
8,442	5.3	13,964	8.9	35,793	22.7	157,926	1897
8,656	5.4	24,998	15.5	35,611	22.1	161,165	1898
9,550	8.4	5,127	4.5	37,879	33.5	113,055	1899
9,992	8.7	8,061	7.0	46,837	40.8	114,825	1900
12,683	6.5	11,392	5.8	51,378	26.2	196,652	1901
} <b>Mining and Quarrying (15 Unions).</b>							
25,220	4.9	16,321	3.3	62,276	12.2	511,369	1892
27,241	4.9	23,651	4.2	60,746	10.8	559,286	1893
25,187	4.4	17,945	3.1	61,756	10.7	576,628	1894
27,147	5.0	13,378	2.5	62,404	11.6	549,126	1895
26,504	5.6	12,542	2.6	72,415	15.3	473,619	1896
26,570	2.8	22,275	2.1	81,139	7.9	1,026,271	1897
29,715	4.7	12,731	2.0	73,166	11.7	627,759	1898
32,953	7.2	18,207	4.0	76,807	16.7	459,165	1899
35,741	6.9	26,086	5.1	84,183	16.4	514,996	1900
34,851	6.1	27,424	4.8	89,520	15.7	571,961	1901
} <b>Metal, Engineering, and Shipbuilding (14 Unions).</b>							
5,266	2.4	11,766	5.3	28,563	12.9	229,699	1892
4,974	2.1	24,088	10.1	25,643	10.7	239,172	1893
4,875	4.4	17,552	15.8	22,972	20.7	111,069	1894
5,607	4.6	15,251	12.5	24,958	20.4	122,423	1895
5,011	4.6	19,340	17.6	24,537	22.4	169,645	1896
5,305	4.0	24,697	18.9	23,423	17.9	136,856	1897
5,260	4.5	22,314	19.2	27,067	23.3	116,127	1898
5,512	6.0	17,317	19.0	24,366	26.7	91,221	1899
5,536	4.2	22,623	17.1	24,865	18.8	132,224	1900
5,443	4.3	21,652	17.0	37,353	29.2	127,353	1901
} <b>Textile (20 Unions).</b>							

(b) Including grants to Members, grants from one Union to another, payments to Federations, Trades Councils, Congresses, &c.

## 100 PRINCIPAL TRADE UNIONS—EXPENDITURE

[Extracted from the Report of the Board of

GROUPS OF TRADES.	Unemployed, &c., Benefits.		Dispute Benefit.		Sick and Accident Benefits.		Superannuation Benefit.		
	Amount.	Per cent.	Amount.	Per cent.	Amount.	Per cent.	Amount.	Per cent.	
	£		£		£		£		
Clothing (4 Unions).	1882	2,006	4.2	12,743	20.6	24,988	40.5	5,026	8.1
	1883	3,544	5.5	10,088	15.7	26,600	41.4	5,588	8.7
	1884	4,226	7.2	7,896	13.0	24,344	41.2	6,452	10.9
	1885	2,901	2.8	60,138	54.3	25,055	22.6	7,195	6.5
	1886	2,400	4.5	5,665	10.6	22,789	42.7	7,583	13.9
	1887	1,995	2.8	18,297	25.4	24,351	33.8	6,963	9.6
	1888	2,121	4.1	5,668	10.9	23,027	44.1	7,055	13.5
	1889	1,379	2.8	3,048	6.1	22,394	44.7	6,656	13.3
	1890	1,638	2.9	6,164	11.0	21,729	38.6	6,191	11.1
	1901	1,721	3.4	4,069	8.2	23,868	47.8	2,169	4.3
Transport (Land and Sea) (10 Unions).	1882	6,097	9.8	5,319	8.5	4,937	7.9	2,163	3.5
	1883	5,907	7.9	7,934	10.6	5,639	7.6	2,380	3.2
	1884	3,272	5.7	2,211	3.9	5,617	9.8	2,497	4.3
	1885	3,505	6.0	2,394	4.1	7,423	12.6	1,991	3.4
	1886	3,091	4.9	3,460	5.5	7,056	11.2	2,132	3.4
	1887	3,357	3.8	2,480	2.8	7,717	8.8	2,526	2.9
	1888	17,779	17.2	10,710	10.3	8,887	8.6	2,450	2.4
	1889	3,017	3.7	2,637	3.3	10,247	12.7	2,675	3.6
	1890	3,612	3.6	11,114	10.9	11,933	11.7	3,501	3.4
	1901	3,480	3.7	4,761	5.1	11,835	12.6	2,977	3.2
Printing and Allied Trades (7 Unions).	1882	24,542	46.0	7,838	14.7	2,482	4.7	4,078	7.7
	1883	25,119	49.5	3,884	7.7	2,468	4.9	4,773	9.4
	1884	33,162	58.9	2,048	3.6	2,508	4.5	5,282	9.4
	1885	29,564	54.7	1,798	3.3	2,889	5.3	5,735	10.6
	1886	27,312	50.2	2,910	5.4	3,028	5.6	7,116	13.1
	1887	24,557	44.9	2,030	3.7	3,241	5.9	7,842	14.4
	1888	24,622	41.9	3,399	5.8	3,347	5.7	9,407	16.0
	1889	27,280	43.1	3,000	4.8	3,705	5.9	10,018	15.9
	1890	34,065	48.2	2,900	4.1	3,688	5.2	11,766	16.6
	1901	34,561	46.4	3,682	4.9	3,557	4.8	13,956	18.8
Woodworking and Furnishing (5 Unions).	1882	9,809	38.0	2,167	8.0	3,105	11.4	3,970	14.6
	1883	12,633	39.2	3,429	10.6	3,410	10.6	4,059	12.6
	1884	12,379	41.0	1,559	5.2	3,119	10.3	4,444	14.7
	1885	11,272	37.2	1,425	4.7	3,489	11.5	4,916	16.2
	1886	6,359	20.7	4,446	14.5	2,825	9.2	5,079	16.5
	1887	3,027	19.1	11,426	27.2	3,228	7.7	5,248	12.5
	1888	9,709	21.0	9,473	20.4	3,856	8.3	5,539	12.0
	1889	9,136	24.4	3,545	9.4	4,407	11.7	5,763	15.4
	1890	13,863	32.5	3,060	7.2	4,807	10.8	5,861	13.6
	1901	14,075	32.0	2,279	5.2	6,064	13.8	6,225	14.2

TRADE UNIONS.

ON CHIEF BENEFITS, &c., 1892-1901—continued.

Trade on Trade Unions. Cd. 1,348 of 1902.]

Funeral Benefit.		Other Benefits and Grants.(b)		Working and other Expenses.		Total Expenditure.	GROUPS OF TRADES.
Amount.	Per cent.	Amount.	Per cent.	Amount.	Per cent.		
£		£		£		£	
4,696	7·6	774	1·3	10,928	17·7	61,748	1892
4,944	7·7	760	1·2	12,732	19·3	64,254	1893
4,439	7·5	208	0·3	11,776	19·9	59,136	1894
4,757	4·3	166	0·2	10,496	9·5	110,699	1895
4,312	8·1	180	0·3	10,566	18·9	53,324	1896
4,238	5·9	720	1·0	15,537	21·5	72,161	1897
4,178	8·0	198	0·4	9,928	19·0	52,195	1898
4,756	9·5	1,076	2·1	10,768	21·5	50,075	1899
4,332	7·8	2,782	5·0	13,104	23·4	55,940	1900
3,897	7·8	3,480	7·0	10,748	21·5	49,952	1901
Clothing (4 Unions)							
3,298	5·3	4,546	7·3	36,036	57·7	62,396	1892
4,082	5·4	7,171	9·5	41,962	55·9	75,965	1893
3,575	6·2	4,890	8·5	35,442	61·6	57,564	1894
4,217	7·2	5,886	10·0	33,226	56·7	58,642	1895
4,016	6·3	6,803	10·8	36,507	57·9	63,065	1896
4,553	5·2	14,636	16·6	52,602	59·9	87,371	1897
4,809	4·6	10,612	10·3	48,209	46·6	103,456	1898
5,595	6·9	3,211	10·2	48,157	59·8	80,739	1899
5,624	5·5	10,268	10·1	55,807	54·8	101,859	1900
5,673	6·0	11,080	11·8	54,130	57·6	93,936	1901
Transport (Land and Sea) (10 Unions).							
3,566	6·7	1,193	2·2	9,606	18·0	53,395	1892
3,916	7·7	889	1·7	9,687	19·1	50,736	1893
3,266	5·8	455	0·8	9,558	17·0	56,279	1894
4,108	7·6	406	0·8	9,598	17·7	54,093	1895
3,976	7·3	671	1·2	9,316	17·2	54,229	1896
4,024	7·4	3,025	5·5	9,936	18·2	54,655	1897
4,230	7·2	2,837	4·8	10,927	18·6	58,769	1898
5,082	8·0	1,663	2·8	12,483	19·7	63,231	1899
5,324	7·5	1,734	2·5	11,264	15·9	70,791	1900
4,961	6·7	1,930	2·8	11,756	15·8	74,423	1901
Printing and Allied Trades (7 Unions).							
1,684	6·2	902	3·9	5,568	20·5	27,205	1892
1,846	5·7	722	2·2	6,166	19·1	32,265	1893
1,912	6·3	598	2·0	6,188	20·5	30,194	1894
1,967	6·5	840	2·8	6,373	21·1	30,282	1895
1,899	6·1	1,960	6·4	8,188	26·6	30,746	1896
2,117	5·0	2,118	5·1	9,799	23·4	41,963	1897
1,968	4·3	5,700	12·3	10,077	21·7	46,342	1898
2,469	6·6	1,196	3·2	10,988	29·3	37,564	1899
2,909	6·1	1,383	3·2	11,251	26·4	42,634	1900
2,319	5·3	1,548	3·5	11,438	26·0	43,948	1901
Woodworking and Furnishing (5 Unions).							

(b) See Note (b), page 127.

## 100 PRINCIPAL TRADE UNIONS—EXPENDITURE

[Extracted from the Report of the Board of

GROUPS OF TRADES.	Unemployed, &c., Benefits.		Dispute Benefit.		Sick and Accident Benefits.		Superannuation Benefit.			
	Amount.	Percent.	Amount.	Percent.	Amount.	Percent.	Amount.	Percent.		
	£		£		£		£			
Miscellaneous (11 Unions).	1892	13,255	21.2	16,833	26.9	7,544	12.0	3,875	6.2	
	1893	16,329	20.6	25,621	32.2	9,085	11.5	3,849	4.9	
	1894	31,571	31.4	9,995	14.5	10,166	14.8	4,166	6.1	
	1895	16,556	26.6	7,140	11.5	11,739	18.8	4,354	7.9	
	1896	12,765	20.7	9,678	15.7	11,459	18.5	4,574	7.4	
	1897	12,789	16.9	14,663	19.4	14,496	19.2	4,812	6.4	
	1898	15,058	20.0	9,096	12.0	15,543	20.7	5,055	6.7	
	1899	9,010	10.8	13,116	15.7	18,721	22.5	5,346	6.4	
	1900	10,131	10.9	11,707	12.7	19,771	21.4	5,910	6.4	
	1901	11,443	11.6	10,100	10.2	25,430	25.7	5,864	5.9	
	1892	325,195 <sup>a</sup>	22.8	389,949 <sup>a</sup>	27.3	210,188	14.7	102,578	7.2	
	1893	460,484 <sup>a</sup>	24.8	588,373 <sup>a</sup>	31.6	241,604	13.0	112,606	6.1	
	1894	451,578 <sup>a</sup>	31.5	167,050 <sup>a</sup>	11.7	229,677	16.0	122,221	8.5	
	1895	422,427 <sup>a</sup>	30.4	196,686 <sup>a</sup>	14.2	262,865	18.9	131,758	9.5	
	1896	265,955 <sup>a</sup>	21.6	171,816 <sup>a</sup>	13.9	245,808	19.9	142,470	11.6	
	1897	332,218 <sup>a</sup>	17.6	633,379 <sup>a</sup>	33.5	267,676	14.1	152,154	8.0	
	1898	242,791 <sup>a</sup>	16.3	313,434 <sup>a</sup>	21.1	278,777	18.7	163,743	11.0	
	1899	190,439 <sup>a</sup>	14.9	120,029 <sup>a</sup>	9.4	302,463	23.7	178,856	14.0	
	1900	263,802 <sup>a</sup>	17.9	150,283 <sup>a</sup>	10.2	323,231	21.9	190,039	12.9	
	1901	325,866 <sup>a</sup>	19.7	204,517 <sup>a</sup>	12.3	344,834	20.8	202,952	12.3	
Grand Total (100 Unions).	Average Amount per Member. (c)		Average Amount per Member. (c)		Average Amount per Member. (c)		Average Amount per Member. (c)			
	£	s.	d.	£	s.	d.	£	s.	d.	
	1892	0	7	3½	0	8	8½	0	2	3½
	1893	0	10	2½	0	13	1	0	2	6
	1894	0	9	10½	0	3	7½	0	2	8
	1895	0	9	4	0	4	4	0	2	11
	1896	0	5	7	0	3	7½	0	3	0
	1897	0	6	3½	0	12	0	0	2	10½
	1898	0	4	8½	0	6	0½	0	3	2
	1899	0	3	5½	0	2	2	0	3	2½
	1900	0	4	7	0	2	7½	0	3	3½
	1901	0	5	7½	0	3	6½	0	3	6

(a See Note (a), page 126.



ON CHIEF BENEFITS, &c., 1892-1901—continued.

Trade on Trade Unions. Cd. 1348 of 1902.]

Funeral Benefit.		Other Benefits and Grants. (b)		Working and other Expenses.		Total Expenditure.	GROUPS OF TRADES.	
Amount	Per cent.	Amount.	Per cent.	Amount.	Per cent.			
£		£		£		£		
3,506	5·6	1,088	1·7	16,508	26·4	62,808	1892	
4,076	5·2	4,131	5·2	16,184	20·4	79,175	1893	
3,691	5·4	1,356	2·0	17,894	25·8	68,583	1894	
3,978	6·4	1,522	2·4	16,981	27·3	62,276	1895	
4,077	6·6	1,548	2·5	17,843	28·6	61,742	1896	
3,986	5·2	2,623	3·5	22,184	29·4	75,543	1897	
4,891	6·2	2,130	2·8	23,749	31·6	75,262	1898	
5,408	6·5	3,702	4·4	28,045	33·7	83,348	1899	
6,204	6·7	7,306	7·8	31,572	34·1	92,561	1900	
6,082	6·2	8,002	8·1	31,977	32·3	98,898	1901	
67,668	4·8	78,411	5·5	252,624	17·7	1,426,613	1892	
74,540	4·0	124,464	6·7	256,878	13·8	1,858,949	1893	
69,162	4·8	115,611	8·1	277,542	19·4	1,432,841	1894	
75,164	5·4	48,380	3·5	251,927	18·1	1,389,207	1895	
74,686	6·1	59,869	4·9	271,373	22·0	1,231,977	1896	
78,608	4·2	113,668	6·0	314,060	16·6	1,891,763	1897	
82,969	5·6	101,583	6·8	305,947	20·5	1,489,244	1898	
92,770	7·3	67,772	5·3	324,460	25·4	1,276,789	1899	
98,370	6·7	89,442	6·0	359,444	24·4	1,474,611	1900	
98,815	6·0	99,805	6·0	373,846	22·9	1,655,635	1901	
Average Amount per Member. (c)		Average Amount per Member. (c)		Average Amount per Member. (c)		Average Amount per Member. (c)		
£	s.	d.	£	s.	d.	£	s.	d.
0	1	6	0	1	9	0	5	7½
0	1	7½	0	2	9½	0	5	8½
0	1	6½	0	2	6½	0	6	0½
0	1	8	0	1	0½	0	5	6½
0	1	6½	0	1	3	0	5	8½
0	1	6	0	2	1½	0	5	11½
0	1	7½	0	1	11½	0	5	11
0	1	8	0	1	2½	0	5	10½
0	1	8½	0	1	6½	0	6	2½
0	1	8½	0	1	8½	0	6	6½
							Grand Total (100 Unions).	
0	11	10½	0	11	9	0	11	10½
0	1	3½	0	11	4	0	11	4
0	10	8	0	10	8	0	10	8
0	5	10½	0	5	10½	0	5	10½
0	15	10	0	15	10	0	15	10
0	8	9½	0	8	9½	0	8	9½
0	3	0½	0	3	0½	0	3	0½
0	5	6½	0	5	6½	0	5	6½
0	8	6½	0	8	6½	0	8	6½

(b) See Note (b), page 127.

(c) Based on the Total Membership of the Unions at the end of the Year.

## MEMBERSHIP OF TWENTY-FIVE OF

[Compiled from the Reports of the

Trade Unions.	NUMBER OF		
	1892.	1893.	1894.
<b>Building Trades.</b>			
Operative Bricklayers' Society... ..	22,270	22,253	23,557
Friendly Society of Operative Stonemasons of England, Ireland, and Wales.	15,621	16,104	16,210
Amalgamated Society of Carpenters and Joiners.	37,588*	40,996*	43,041*
<b>Mining.</b>			
Northumberland Miners' Mutual Confident Association.	17,059	17,367	17,772
Durham Miners' Association ... ..	50,000†	50,000†	58,274†
Yorkshire Miners' Association ... ..	55,000	55,000	55,000
Lancashire and Cheshire Miners' Federation	—	—	—
Derbyshire Miners' Association ... ..	17,847	18,986	17,908
Nottinghamshire Miners' Association... ..	17,011	18,835	16,550
South Wales Miners' Federation .. ..	—	—	—
<b>Metal, Engineering, and Shipbuilding Trades.</b>			
Friendly Society of Ironfounders of England, Ireland, and Wales.	15,190‡	15,050‡	15,195‡
Amalgamated Society of Engineers ... ..	70,909§	73,526§	75,510§
United Society of Boilermakers and Iron and Steel Shipbuilders.	39,000	38,238	39,228
Associated Shipwrights' Society ... ..	11,937	13,325	13,447
<b>Textile Trades.</b>			
Amalgamated Association of Operative Cotton Spinners, Self-Actor Minders, and Twiners.	18,303	19,327	18,615
Blackburn and District Power-loom Weavers' Association.	10,800	10,800	11,200
<b>Clothing Trades.</b>			
National Union of Boot and Shoe Operatives	42,524	41,274	43,955
Amalgamated Society of Tailors ... ..	16,732	16,087	15,540
<b>Transport (Land and Sea).</b>			
Amalgamated Society of Railway Servants of England, Ireland, Scotland, and Wales.	30,611	33,826	40,993
Dock, Wharf, Riverside, and General Workers' Union of Great Britain and Ireland.	22,913	14,000	10,000
<b>Printing Trades.</b>			
London Society of Compositors ... ..	9,798	10,151	10,011
Typographical Association ... ..	11,313	12,027	12,544
<b>Labourers.</b>			
Bristol, West of England, and South Wales Operatives' Trade and Provident Society.	7,000	6,500	7,100
National Union of Gas Workers and General Labourers of Great Britain and Ireland.	36,108	30,793	27,839
National Amalgamated Union of Labour ...	23,804	21,634	22,576

\* Includes members abroad, of whom there were 5,796 in 1901.

† Includes members abroad, of whom there were 37 in 1901. Exclusive of

§ Includes members abroad, of whom there were 4,695 in 1901.

**THE LARGEST TRADE UNIONS 1892-1901.**

*Board of Trade on Trade Unions.]*

**MEMBERS AT END OF**

1895.	1896.	1897.	1898.	1899.	1900.	1901.
24,123	26,289	29,755	33,310	36,481	38,830	38,743
15,603	16,223	16,701	18,116	19,079	19,419	18,684
44,155*	48,631*	53,057*	56,634*	61,781*	65,012*	67,018*
20,522	19,894	20,884	21,594	22,667	23,950	24,138
58,400†	59,153†	60,733†	60,954†	64,563†	66,500†	70,585†
50,379	50,000	50,000	50,000	51,000	54,475	60,000
—	—	25,721	30,319	30,250	36,958	39,763
19,675	15,142	15,286	16,323	20,329	24,330	24,286
13,253	14,642	14,609	15,287	16,766	19,968	20,839
—	—	—	60,000	104,212	127,894	124,097
15,176‡	16,278	16,915‡	17,295‡	17,971‡	18,357‡	18,268‡
79,134§	87,313§	91,444§	83,564§	84,957§	87,672§	90,943§
39,629	40,776	42,178	43,905	47,417	47,670	48,113
13,747	14,235	14,785	15,084	15,582	18,308	19,206
18,234	18,009	17,760	17,813	18,151	18,384	18,474
11,200	11,400	11,700	12,000	13,000	12,500	12,800
40,720	36,385	35,598	32,084	27,993	27,960	28,011
15,005	15,125	15,216	14,708	14,571	13,439	14,199
38,119	44,709	85,928	54,426	59,819	62,023	55,941
9,000	10,000	10,100	9,100	13,210	13,829	13,929
10,280	10,558	10,780	11,079	11,415	11,287	11,355
13,593	13,906	14,405	15,075	15,854	16,179	16,600
8,099	9,664	13,183	15,506	19,888	25,459	30,320
23,532	29,730	40,042	43,474	48,030	47,979	46,014
21,267	20,846	22,397	22,436	22,483	21,111	22,094

† Exclusive of "half-members," of whom there were 11,000 in 1901. juvenile branches, the membership of which, in 1901, was 1,391.

|| Exclusive of the membership of Piccers' Associations.

## INCOME OF TWENTY-FIVE OF THE

[Compiled from the Reports of the

Trade Unions.	AMOUNT OF		
	1892.	1893.	1894.
<b>Building Trades.</b>			
Operative Bricklayers' Society ... ..	32,520	42,345	37,180
Friendly Society of Operative Stonemasons of England, Ireland, and Wales.	22,135	23,582	22,278
Amalgamated Society of Carpenters and Joiners.	98,824	109,723	115,910
<b>Mining.</b>			
Northumberland Miners' Mutual Confident Association.	16,112	18,227	19,061
Durham Miners' Association ... ..	108,625	104,906	76,863
Yorkshire Miners' Association ... ..	73,245	129,088	118,342
Lancashire and Cheshire Miners' Federation	—	—	—
Derbyshire Miners' Association ... ..	18,929	22,511	30,011
Nottinghamshire Miners' Association ...	9,545	25,912	40,931
South Wales Miners' Federation ... ..	—	—	—
<b>Metal, Engineering, and Shipbuilding Trades.</b>			
Friendly Society of Ironfounders of England, Ireland, and Wales.	47,010	50,343	57,346
Amalgamated Society of Engineers ... ..	245,669	265,214	269,672
United Society of Boilermakers and Iron and Steel Shipbuilders.	113,336	104,099	107,338
Associated Shipwrights' Society ... ..	18,159	22,626	21,830
<b>Textile Trades.</b>			
Amalgamated Association of Operative Cotton Spinners, Self-Actor Minders, and Twiners.	90,330	119,633	98,450
Blackburn and District Power-loom Weavers' Association.	7,874	8,441	9,682
<b>Clothing Trades.</b>			
National Union of Boot and Shoe Operatives	29,340	31,201	36,532
Amalgamated Society of Tailors ... ..	27,438	28,552	24,775
<b>Transport (Land and Sea).</b>			
Amalgamated Society of Railway Servants of England, Ireland, Scotland, and Wales.	35,842	38,500	46,550
Dock, Wharf, Riverside, and General Workers' Union of Great Britain and Ireland.	15,054	10,922	6,987
<b>Printing Trades.</b>			
London Society of Compositors ... ..	19,557	21,680	26,970
Typographical Association ... ..	13,488	14,176	15,676
<b>Labourers.</b>			
Bristol, West of England, and South Wales Operatives' Trade and Provident Society.	6,291	7,223	8,641
National Union of Gas Workers and General Labourers of Great Britain and Ireland.	12,560	10,115	8,696
National Amalgamated Union of Labour ...	13,288	13,702	15,596

\* For period from 6th January, 1897, to 5th March, 1898.

† For period from 5th March, 1898, to 10th December, 1898.

## LARGEST TRADE UNIONS, 1892-1901.

Board of Trade on Trade Unions.]

INCOME DURING						
1895.	1896.	1897.	1898.	1899.	1900.	1901.
£	£	£	£	£	£	£
37,761	43,654	51,239	54,385	55,798	59,942	60,228
21,155	22,326	23,578	25,468	27,190	27,304	30,621
119,490	126,107	137,239	142,767	150,653	158,492	164,020
11,701	12,868	13,105	13,278	14,171	15,653	15,924
82,950	98,635	78,502	78,552	84,490	90,497	97,736
66,016	62,475	59,787	59,309	66,074	79,482	89,225
—	—	21,226*	15,707†	19,643	21,034	25,985
17,994	17,370	17,683	13,283	22,307	29,666	33,161
14,765	14,968	15,828	16,864	19,253	21,521	24,805
—	—	—	‡	33,208	53,877	75,338
62,502	61,085	62,403	70,168.	62,875	61,791	57,746
296,960	347,867	537,195	427,591	324,113	333,556	346,462
117,741	129,989	141,993	148,491	155,174	159,043	178,809
23,521	26,536	29,562	33,840	30,936	38,646	39,681
83,399	84,021	85,701	83,683	76,410	74,756	90,324
9,463	9,158	9,226	10,268	10,906	11,135	11,146
44,673	35,225	26,062	29,314	27,283	29,127	28,259
23,830	23,692	23,833	24,727	24,497	23,697	21,192
47,404	51,154	72,054	68,588	68,495	72,821	68,912
5,572	5,768	5,623	4,469	7,445	9,844	8,315
28,519	32,008	29,344	31,241	30,916	31,845	31,218
20,395	17,537	20,330	20,094	22,850	23,425	24,105
10,238	12,327	16,557	19,374	24,999	32,260	39,723
7,180	8,739	16,369	16,702	20,533	24,129	24,275
13,794	13,645	14,847	14,739	14,738	15,118	16,633

† Federation established in September, 1898. Income for 1898 is included with that for 1899.

## FUNDS OF TWENTY-FIVE OF THE

[Compiled from the Annual Reports

Trade Unions.	AMOUNT OF		
	1892.	1893.	1894.
<b>Building Trades.</b>			
Operative Bricklayers' Society ... ..	41,306	47,627	54,510
Friendly Society of Operative Stonemasons of England, Ireland, and Wales.	9,901	13,687	16,525
Amalgamated Society of Carpenters and Joiners.	79,010	79,449	80,989
<b>Mining.</b>			
Northumberland Miners' Mutual Confident Association.	25,509	30,679	39,572
Durham Miners' Association ... ..	36,361	40,665	60,823
Yorkshire Miners' Association ... ..	163,826	24,156	78,698
Lancashire and Cheshire Miners' Federation	—	—	—
Derbyshire Miners' Association ... ..	28,871	683	16,747
Nottinghamshire Miners' Association ...	13,794	826	2,467
South Wales Miners' Federation ... ..	—	—	—
<b>Metal, Engineering, and Shipbuilding Trades.</b>			
Friendly Society of Ironfounders of England, Ireland, and Wales.	44,314	34,934	17,676
Amalgamated Society of Engineers ... ..	214,344	197,454	184,602
United Society of Boilermakers and Iron and Steel Shipbuilders.	194,071	172,553	157,547
Associated Shipwrights' Society ... ..	27,908	29,707	33,544
<b>Textile Trades.</b>			
Amalgamated Association of Operative Cotton Spinners, Self-Actor Minders, and Twiners.	79,189	56,902	112,830
Blackburn and District Power-loom Weavers' Association.	17,438	12,437	15,929
<b>Clothing Trades.</b>			
National Union of Boot and Shoe Operatives	40,286	46,363	61,701
Amalgamated Society of Tailors ... ..	8,188	9,453	8,575
<b>Transport (Land and Sea).</b>			
Amalgamated Society of Railway Servants of England, Ireland, Scotland, and Wales.	120,827	122,871	140,142
Dock, Wharf, Riverside, and General Workers' Union of Great Britain and Ireland.	8,775	5,601	6,209
<b>Printing Trades.</b>			
London Society of Compositors ... ..	24,249	23,764	24,379
Typographical Association ... ..	35,825	37,750	39,041
<b>Labourers.</b>			
Bristol, West of England, and South Wales Operatives' Trade and Provident Society.	4,050	4,213	6,149
National Union of Gasworkers and General Labourers of Great Britain and Ireland.	4,644	6,217	6,883
National Amalgamated Union of Labour ...	4,777	4,404	3,172

\* At 5th March, 1898.

## LARGEST TRADE UNIONS, 1892-1901.

[of the Board of Trade on Trade Unions.]

## FUNDS AT END OF

1895.	1896.	1897.	1898.	1899.	1900.	1901.
£	£	£	£	£	£	£
60,676	69,374	21,387	95,287	108,206	102,797	100,650
18,429	21,141	23,403	24,453	29,801	34,531	26,713
86,578	112,962	142,825	179,148	206,738	210,379	188,020
40,655	45,741	45,203	50,235	59,312	69,767	79,379
52,412	60,077	73,094	92,273	125,138	166,057	200,989
93,657	117,628	137,114	137,677	171,674	218,920	233,236
—	—	9,463*	11,461	19,595	33,639	41,936
25,915	33,312	49,979	59,844	78,396	100,317	124,204
12,299	23,791	34,336	41,995	54,323	71,823	88,950
—	—	—	†	49,365	94,849	122,577
26,253	46,341	45,855	68,179	91,567	107,048	104,715
206,116	303,882	152,677	208,121	307,168	406,530	492,357
154,046	175,560	185,275	235,447	291,330	345,429	397,174
39,322	50,134	54,893	68,922	81,001	96,670	109,116
152,120	198,770	235,248	278,559	322,746	341,120	378,794
16,860	18,505	18,505	20,335	23,917	23,757	23,602
31,414	46,283	33,077	44,814	55,144	66,062	75,054
7,354	7,510	7,417	6,959	6,755	3,618	3,181
158,726	178,843	197,923	199,303	224,390	245,056	264,099
6,742	5,169	5,245	4,569	5,891	6,833	8,219
32,434	44,645	54,543	64,140	69,852	73,692	73,788
42,197	40,791	43,743	44,649	47,849	49,651	51,203
7,336	9,357	13,451	16,762	22,822	33,795	45,751
7,947	6,321	6,640	8,875	7,015	8,449	8,759
1,634	3,743	3,188	5,096	7,034	7,026	10,018

† Information not available; federation established in September, 1898.

## EXPENDITURE OF TWENTY-FIVE OF

[Compiled from the Annual Reports

Trade Unions.	AMOUNT OF		
	1892.	1893.	1894.
<b>Building Trades.</b>			
Operative Bricklayers' Society ... ..	35,209	36,024	30,397
Friendly Society of Operative Stonemasons of England, Ireland, and Wales.	21,131	19,796	19,440
Amalgamated Society of Carpenters and Joiners.	90,750	109,284	114,370
<b>Mining.</b>			
Northumberland Miners' Mutual Confident Association.	14,285	13,057	10,168
Durham Miners' Association ... ..	127,671	100,602	56,705
Yorkshire Miners' Association ... ..	27,241	268,758	63,800
Lancashire and Cheshire Miners' Federation	—	—	—
Derbyshire Miners' Association ... ..	9,434	50,699	13,947
Nottinghamshire Miners' Association ... ..	5,993	38,880	39,290
South Wales Miners' Federation ... ..	—	—	—
<b>Metal, Engineering, and Shipbuilding Trades.</b>			
Friendly Society of Ironfounders of England, Ireland, and Wales.	55,718	59,723	74,604
Amalgamated Society of Engineers ... ..	268,576	282,104	282,524
United Society of Boilermakers and Iron and Steel Shipbuilders.	102,900	125,617	122,344
Associated Shipwrights' Society ... ..	14,038	20,827	17,993
<b>Textile Trades.</b>			
Amalgamated Association of Operative Cotton Spinners, Self-Actor Minders, and Twiners.	126,384	141,920	42,522
Blackburn and District Power-loom Weavers' Association.	6,727	13,442	6,190
<b>Clothing Trades.</b>			
National Union of Boot and Shoe Operatives	21,759	25,124	21,194
Amalgamated Society of Tailors ... ..	30,175	27,287	25,653
<b>Transport (Land and Sea).</b>			
Amalgamated Society of Railway Servants of England, Ireland, Scotland, and Wales.	25,599	36,456	29,279
Dock, Wharf, Riverside, and General Workers' Union of Great Britain and Ireland.	13,088	14,096	6,379
<b>Printing Trades.</b>			
London Society of Compositors ... ..	21,334	22,165	26,355
Typographical Association ... ..	8,113	12,251	14,385
<b>Labourers.</b>			
Bristol, West of England, and South Wales Operatives' Trade and Provident Society.	5,274	7,030	6,735
National Union of Gasworkers and General Labourers of Great Britain and Ireland.	10,705	8,542	8,030
National Amalgamated Union of Labour ...	18,056	14,075	16,828

† For period from January, 1897, to 5th March, 1898.



**THE LARGEST TRADE UNIONS, 1892-1901.**

*of the Board of Trade on Trade Unions.]*

**EXPENDITURE DURING**

1895.	1896.	1897.	1898.	1899.	1900.	1901.
£	£	£	£	£	£	£
31,595	34,956	39,226	40,485	47,879	60,851	62,375
19,261	19,614	21,316	24,418	21,842	32,574	36,459
113,901	99,723	107,376	106,444	123,063	154,851	136,379
10,618	7,802	13,643	8,246	5,094	5,203	6,312
91,361	85,970	65,485	59,373	51,625	49,578	62,854
51,057	38,504	40,301	58,746	32,077	32,236	74,909
—	—	11,763†	13,709†	11,509	6,990	17,688
8,826	4,973	6,016	8,418	3,755	5,045	9,274
4,933	3,476	5,288	9,205	6,925	4,021	7,678
—	—	—	§	5,091	8,393	47,610
53,925	40,997	62,889	47,844	39,487	46,310	60,079
275,446	248,101	690,400	372,147	225,066	234,194	260,635
121,242	108,475	132,278	98,319	99,291	104,944	127,064
17,743	15,724	24,803	19,811	18,857	22,977	27,235
44,109	37,371	49,223	40,372	32,223	56,382	52,650
8,532	7,513	9,226	7,938	7,824	11,295	11,301
74,960	20,356	39,268	17,577	16,953	18,209	19,267
25,051	23,536	23,926	25,185	24,701	26,834	21,629
28,820	31,037	52,974	67,208	43,408	52,155	49,869
5,039	7,341	5,547	5,145	6,123	8,852	6,979
20,464	19,797	19,946	21,644	25,204	28,005	31,122
17,239	18,943	17,378	19,188	19,650	21,623	22,553
8,996	9,856	12,963	16,563	18,939	21,287	27,767
6,116	10,365	16,050	14,467	22,393	22,695	23,965
15,282	11,586	15,402	12,881	12,800	15,126	13,691

† For period from 5th March, 1898, to 10th December, 1898.

§ Federation established in September, 1898. Expenditure for 1898 included with that for 1899.

## FEDERATIONS OF TRADES COUNCILS

[Extracted from the Report of the Board of

Description of Federation.	Number of Federations and Number of Trade Unionists represented thereon in							
	1894.		1895.		1896.		1897.	
	Federations.	Trade Unionists.	Federations.	Trade Unionists.	Federations.	Trade Unionists.	Federations.	Trade Unionists.
	No.	No.	No.	No.	No.	No.	No.	No.
<b>FEDERATIONS OF TRADES COUNCILS.</b>	2	113,506	2	134,092	4	190,938	5	218,129
<b>FEDERATIONS OF TRADE UNIONS.</b>								
General Federation of Trade Unions.	—	—	—	—	—	—	—	—
Building Trades.								
Local .. .. .	30	78,166	37	79,024	35	66,754	36	84,200
Sectional .. .. .	3	18,134	3	15,910	2	7,894	1	7,749
Mining.								
Miners' Federation of Great Britain.	1	185,126	1	161,971	1	155,436	1	148,563
Lancashire and Cheshire Miners' Federation.	1	29,073	1	27,000	1	25,487	—	—
Scottish Miners' Federation.	1	35,900	1	20,920	1	17,950	1	15,700
Miners' National Union..	1	82,480	1	84,522	1	84,894	1	79,000
Durham Mining Federation Association.	1	65,194	1	65,266	1	66,222	1	66,968
Others .. .. .	8	73,082	8	54,278	7	49,565	7	49,093
Metal, Engineering, &c., Trades.								
Federation of Engineering and Shipbuilding Trades of the United Kingdom.	1	151,034	1	159,192	1	173,451	1	178,479
Others .. .. .	11	28,486	12	30,746	13	33,217	13	32,903
Textile Trades.								
United Textile Factory Workers' Association.	1	138,700	1	131,534	—	—	—	—
Northern Counties Amalgamated Associations of Weavers.	1	84,160	1	83,195	1	81,700	1	80,880
Federation of the Amalgamated Associations of Weavers, &c., &c., of the Northern Counties.	—	—	—	—	—	—	1	91,650
Others .. .. .	16	76,383	15	77,849	16	89,508	16	77,969
Transport (Land and Sea)	2	17,300	2	23,716	3	57,820	6	72,624
Printing and Allied Trades								
United Kingdom Federation.	1	21,461	1	25,339	1	26,363	1	27,900
Others .. .. .	4	65,471	41	4,481	7	6,232	7	6,418
Woodworking and Furnishing Trades.	7	11,061	8	11,195	12	14,810	10	14,161
Enginemmen and Firemen	4	10,666	4	10,065	4	10,082	5	10,925
Other Trades .. .. .	5	4,328	7	12,169	8	16,435	8	21,595

AND OF TRADE UNIONS, 1894-1901.

Trade on Trade Unions. Cd. 1348 of 1902.]

Number of Federations and Number of Trade Unionists represented thereon in								Description of Federation.
1898.		1899.		1900.		1901.		
Federations.	Trade Unionists.	Federations.	Trade Unionists.	Federations.	Trade Unionists.	Federations.	Trade Unionists.	
No.	No.	No.	No.	No.	No.	No.	No.	
6	311,185	6	334,012	7	355,433	7	361,588	FEDERATIONS OF TRADES COUNCILS.
—	—	1	373,290	1	368,698	1	420,808	FEDERATIONS OF TRADE UNIONS. General Federation of Trade Unions.
33	84,821	34	101,460	31	89,414	29	91,870	Building Trades. Local.
1	10,072	1	9,184	1	7,545	1	7,568	Sectional.
1	159,980	1	238,900	1	363,335	1	344,412	Mining. Miners' Federation of Great Britain.
—	—	—	—	—	—	—	—	Lancashire and Cheshire Miners' Federation.
1	20,950	1	32,350	1	48,950	1	50,700	Scottish Miners' Federation.
—	—	—	—	—	—	—	—	Miners' National Union.
1	67,363	1	72,594	1	75,239	1	78,828	Durham Mining Federation Association.
5	50,799	6	66,654	7	75,052	7	76,217	Others.
1	198,942	1	206,318	1	222,927	1	227,995	Metal, Engineering, &c., Trades. Federation of Engineering and Shipbuilding Trades of the United Kingdom.
14	37,623	14	37,181	13	38,626	13	36,848	Others.
—	—	1	126,810	1	129,673	1	145,000	Textile Trades. United Textile Factory Workers' Association.
1	74,420	1	81,500	1	81,215	1	82,267	Northern Counties Amalgamated Associations of Weavers.
1	96,400	—	—	—	—	—	—	Federation of the Amalgamated Associations of Weavers, &c., &c., of the Northern Counties.
15	67,886	12	54,384	13	60,656	14	65,186	Others.
6	42,914	6	25,967	5	30,581	5	35,181	Transport (Land and Sea)
1	24,822	1	29,782	1	29,880	1	42,172	Printing and Allied Trades United Kingdom Federation.
8	20,353	9	25,861	10	27,764	10	28,055	Others.
9	9,704	8	9,310	8	9,433	7	9,201	Woodworking and Furnishing Trades.
4	6,766	5	7,082	4	15,182	4	15,283	Enginemmen and Firemen.
9	17,140	9	16,144	9	17,264	9	21,075	Other Trades.

## TRADES COUNCILS, 1894-1901.

[Extracted from the Report of the Board of Trade on Trade Unions. Cd. 1348 of 1902.]

DISTRICTS.	1894.	1895.	1896.	1897.	1898.	1899.	1900.	1901.
Number of Trades Councils.								
ENGLAND AND WALES.								
Northern Counties .. ..	13	11	12	13	13	13	12	12
Yorkshire .. .. .	22	22	22	23	22	22	23	25
Lanca. & Cheshire .. ..	38	38	38	38	38	39	40	41
N. and W. Midland .. ..	28	31	29	29	33	32	31	30
S. Midland & Eastern .. ..	8	8	7	7	10	10	10	10
London .. .. .	4	4	4	5	4	8	8	8
S. Eastern .. .. .	13	13	13	12	12	13	13	14
Southern & Western .. ..	3	3	3	6	6	6	6	6
Wales and Monmouth .. ..	6	7	7	6	7	7	10	11
<b>Total, England and Wales..</b>	<b>134</b>	<b>137</b>	<b>135</b>	<b>139</b>	<b>145</b>	<b>150</b>	<b>153</b>	<b>156</b>
SCOTLAND .. .. .	16	16	16	17	16	18	18	17
IRELAND .. .. .	7	9	9	9	8	6	5	7
ISLE OF MAN .. .. .	1	1	1	1	1	1	1	1
<b>Total, United Kingdom ..</b>	<b>158</b>	<b>163</b>	<b>161</b>	<b>166</b>	<b>170</b>	<b>175</b>	<b>177</b>	<b>181</b>
Number of Trade Unionists represented on such Trades Councils.								
ENGLAND AND WALES.								
Northern Counties .. ..	45,005	37,741	46,547	37,310	29,276	32,117	30,948	31,073
Yorkshire .. .. .	77,339	86,104	83,888	96,637	90,357	90,441	99,463	91,514
Lanca. & Cheshire .. ..	230,818	214,823	220,311	209,115	201,702	194,183	204,528	216,677
N. and W. Midland .. ..	104,499	120,192	116,948	117,249	129,975	121,108	123,965	133,762
S. Midland & Eastern .. ..	25,172	22,988	20,139	18,788	21,017	22,158	19,259	17,932
London .. .. .	71,432	65,166	58,311	60,568	59,833	67,418	76,955	77,839
S. Eastern .. .. .	11,348	11,394	12,313	12,999	11,950	11,269	11,904	14,984
Southern & Western .. ..	4,904	4,891	4,826	6,481	7,270	7,649	9,672	10,749
Wales & Monmouth .. ..	16,176	15,422	16,944	16,705	22,094	23,366	40,260	42,782
<b>Total, England and Wales</b>	<b>586,493</b>	<b>578,670</b>	<b>589,627</b>	<b>575,852</b>	<b>573,414</b>	<b>569,699</b>	<b>616,744</b>	<b>637,311</b>
SCOTLAND .. .. .	84,831	87,128	96,182	102,297	107,872	99,759	113,488	120,716
IRELAND .. .. .	37,150	36,283	33,307	34,074	36,136	37,345	31,943	27,391
ISLE OF MAN .. .. .	310	291	265	300	280	300	300	300
<b>Total, United Kingdom ..</b>	<b>708,784</b>	<b>702,352</b>	<b>719,391</b>	<b>712,523</b>	<b>717,762</b>	<b>707,103</b>	<b>762,475</b>	<b>785,616</b>

TRADE UNION CONGRESSES, 1866-1902.

[Extracted from the Report of the Board of Trade on Trade Unions.  
Cd. 1348 of 1902.]

Year.	Town.	Number of Delegates present.	Number of Organisations represented.		Number of Members in Organisations represented.		Income of the Congress and Parliamentary Committee.
			Trade Unions.	Trades Councils.	Trade Unions.	Trades Councils.	
1866 (a)	Sheffield .. ..	143	81	13	110,496	88,938	£ 50
1867 (b)	London .. ..	138	104	11	154,610	37,534	27
1868	Manchester .. ..	34	18	11	49,623	64,336	—
1869	Birmingham .. ..	38	26	12	Not known.		13
1871 (c)	London .. ..	53	34	11	280,430		26
1872	Nottingham .. ..	71	44	8	269,710		39
1873	Leeds .. ..	130	88	20	506,606	225,590	359
1874	Sheffield .. ..	166	102	21	982,038	235,174	433
1875 (d)	Liverpool .. ..	152	83	24	593,618	100,674	430
1875 (d)	Glasgow .. ..	139	87	22	413,881	116,842	474
1876	Newcastle .. ..	140	91	22	455,490	121,998	580
1877	Leicester .. ..	140	95	19	585,272	129,959	639
1878	Bristol .. ..	136	92	22	485,611	136,056	698
1879	Edinburgh .. ..	116	73	19	412,245	109,767	687
1880	Dublin .. ..	122	89	16	380,913	94,511	727
1881	London .. ..	154	104	18	378,883	81,914	711
1882	Manchester .. ..	153	103	23	404,365	102,972	789
1883	Nottingham .. ..	173	114	21	466,925	94,166	854
1884	Aberdeen .. ..	142	95	21	438,052	109,964	837
1885	Southport .. ..	163	110	27	500,238	131,368	849
1886	Hull .. ..	143	98	23	515,178	122,707	771
1887	Swansea .. ..	156	104	27	561,159	134,885	704
1888	Bradford .. ..	163	109	29	567,572	158,630	825
1889	Dundee .. ..	209	145	28	637,035	176,420	908
1890	Liverpool .. ..	454	268	37	1,592,860	333,548	1,199
1891	Newcastle .. ..	548	274	36	1,083,392	256,620	1,640
1892	Glasgow .. ..	456	261	37	1,155,448	496,175	1,306
1893	Belfast .. ..	378	198	28	720,873	149,377	1,307
1894	Norwich .. ..	372	165	27	1,014,607	65,938	1,444
1895	Cardiff .. ..	331	154	(e)	900,931	(e)	1,474
1896	Edinburgh .. ..	350	145	(e)	1,028,104	(e)	1,372
1897	Birmingham .. ..	361	149	(e)	1,093,191	(e)	1,497
1898	Bristol .. ..	406	159	(e)	1,176,896	(e)	1,929
1899	Plymouth .. ..	385	147	(e)	1,120,164	(e)	2,061
1900	Huddersfield .. ..	386	140	(e)	1,225,138	(e)	1,371
1901	Swansea .. ..	409	140	(e)	1,195,469	(e)	1,947
1902	London .. ..	487	163	(e)	1,363,292	(e)	2,011

(a) This Conference was called, primarily, to consider the question of lock-outs and the action of Trade Unions with regard thereto. Out of this Conference sprang the Alliance of Organised Trades.

(b) This Conference was called, primarily, to consider what action should be taken with respect to the proposed Royal Commission of Inquiry into Trade Unions.

(c) No Congress was held in 1870.

(d) In 1875 two Congresses were held—in January and October.

(e) Trades Councils were not represented at the 1896 and following Congresses.

## WORKMEN'S CLUBS.

### NUMBER OF CLUBS REGISTERED—1887-1902.

[Compiled from information supplied by the Chief Registrar of Friendly Societies.]

Years.	Number of Clubs registered during Year under the		Number of Clubs remaining on the Register at end of Year under the	
	Friendly Societies Acta.	Industrial and Provident Societies Acta.*	Friendly Societies Acta.	Industrial and Provident Societies Acta.*
1887	53	*	336	*
1888	56	*	391	*
1889	57	*	430	*
1890	52	*	474	*
1891	35	*	495	*
1892	43	14	512	14
1893	51	10	475	24
1894	55	9	512	31
1895	63	12	512	43
1896	64	13	566	56
1897	56	12	601	66
1898	53	5	621	69
1899	92	11	704	80
1900	49	9	715	87
1901	95	14	763	95
1902	180	32	921	120

\* No clubs were registered under the Industrial and Provident Societies Acta previous to 1892.

### WORKING MEN'S CLUB AND INSTITUTE UNION—1899-1902.

[Compiled from Returns collected by the Union.]

District.	Workmen's Clubs affiliated to the Working Men's Club and Institute Union.							
	Number of Affiliated Clubs making Returns.				Membership of Clubs making Returns at end of			
	1899.	1900.	1901.	1902.	1899.	1900.	1901.	1902.
<b>ENGLAND AND WALES.</b>								
Northern Counties .. ..	4	7	18	32	933	2,877	10,429	15,596
Yorkshire .. ..	96	104	119	156	27,624	27,359	26,124	39,111
Lancashire and Cheshire ..	121	135	144	144	27,125	30,152	30,457	31,490
West Midland Counties ..	31	32	35	43	10,477	9,630	10,609	10,987
East Midland Counties ..	76	83	79	81	19,897	22,853	22,367	21,819
Eastern Counties .. ..	15	15	15	12	4,490	3,362	6,049	5,759
London .. ..	150	146	146	145	45,895	45,002	47,030	52,297
Home Counties .. ..	60	52	54	58	12,676	12,332	12,397	13,509
Southern Counties .. ..	74	75	77	78	22,139	20,408	23,797	24,041
South-Western Counties ..	17	17	19	19	2,775	3,116	3,241	3,229
Wales and Monmouth .. ..	7	9	11	14	2,502	3,230	3,959	4,811
<b>TOTAL: ENGLAND &amp; WALES.</b>	<b>651</b>	<b>675</b>	<b>717</b>	<b>782</b>	<b>176,133</b>	<b>180,921</b>	<b>196,959</b>	<b>222,618</b>
SCOTLAND .. ..	3	5	4	4	701	621	804	755
IRELAND .. ..	3	3	3	3	1,631	1,158	1,093	1,145
<b>Total, United Kingdom ..</b>	<b>657</b>	<b>683</b>	<b>724</b>	<b>789</b>	<b>178,465</b>	<b>182,900</b>	<b>198,856</b>	<b>224,518</b>

## WORKMEN'S CO-OPERATIVE SOCIETIES.

### DISTRIBUTIVE AND PRODUCTIVE SOCIETIES.

#### GENERAL SUMMARY, 1883-1901.

Year.	No. of Societies. <sup>a</sup>		Members.		Capital.		Amount of Sales.*
	In existence.	Making Returns.	Number in Societies making Returns.	Percentage to Population of United Kingdom.	Share.	Loan.	
1883	1,236	1,083	647,176	1'8	£ 6,980,483	£ 1,406,500	£ 25,896,547
1884	1,268	1,167	717,301	2'0	7,367,787	1,660,512	27,011,064
1885	1,299	1,189	768,401	2'1	8,241,348	1,715,341	27,463,466
1886	1,322	1,198	796,951	2'2	8,717,808	1,902,472	28,820,953
1887	1,415	1,205	851,157	2'3	9,398,450	1,900,645	30,244,566
1888	1,447	1,263	891,077	2'4	9,757,269	2,119,633	31,682,282
1889	1,499	1,370	957,763	2'6	10,428,814	2,265,788	32,914,730
1890	1,538	1,320	985,006	2'6	11,343,004	2,610,542	33,856,496
1891	1,609	1,408	1,080,480	2'8	12,482,003	2,859,534	44,460,736
1892	1,641	1,541	1,153,918	3'0	13,458,416	3,153,518	47,163,066
1893	1,642	1,562	1,192,499	3'1	13,879,571	3,306,496	46,851,623
1894	1,660	1,588	1,245,066	3'2	14,615,675	3,432,118	46,946,553
1895	1,697	1,605	1,311,143	3'4	15,675,565	4,080,394	49,926,781
1896	1,721	1,664	1,399,891	3'5	17,042,726	4,095,632	54,431,922
1897	1,820	1,708	1,511,423	3'8	18,095,463	4,764,375	59,660,838
1898	1,893	1,767	1,593,600	4'0	19,273,142	4,978,614	63,409,972
1899	1,946	1,802	1,677,018	4'1	20,891,745	5,473,737	67,915,937
1900	1,962	1,832	1,773,799	4'3	22,625,316	6,340,431	75,528,900
1901	2,050	1,850	1,871,040	4'5	24,138,737	6,975,687	80,193,654

\* The totals given in this column include only actual sales, and are exclusive of the sums (amounting to 9,410,838*l.* in 1901) representing the value of the goods produced by the productive departments of the wholesale and retail societies and transferred to their distributive departments.

**DISTRIBUTIVE AND  
SUMMARY BY CLASS**

Class of Society.	No. of Societies making Returns.	No. of Members.		Capital.
		Individuals.	Societies.*	Share and Loan.
<b>Distribution.</b>				
				£
ENGLAND AND WALES. { Retail Societies ..	1,133	1,499,615	—	21,014,568
{ Wholesale Society	1	—	1,092	1,484,293
SCOTLAND .. { Retail Societies ..	290	300,043	—	4,257,901
{ Wholesale Society	1	331	287	1,128,754
	15	3,509	—	20,096
	1	54	28	5,854
IRELAND .. { Agency Society ..	1	—	50	3,803
{ Agricultural Societies.	67	8,679	—	20,159
{ Home Industries, &c., Societies.	26	1,540	—	1,347
{ Poultry Societies ..	17	4,126	—	2,192
<b>Total Distribution .. { 1901</b>	<b>1,552</b>	<b>1,807,697</b>	<b>1,457</b>	<b>27,938,986</b>
{ 1900	1,540	1,718,473	1,448	25,960,082
<b>Production.</b>				
<i>By Productive Societies :—</i>				
ENGLAND .. { Corn Mill Societies	8	5,199	418	394,298
{ Bread-baking and Food Preparation Societies.	10	2,935	159	40,009
{ Other Productive Societies.	104	13,312	3,096	533,788
SCOTLAND .. { Bread-baking Societies.	14	6,765	138	294,343
{ Other Productive Societies.	6	2,195	441	91,612
IRELAND .. { Dairy Societies ..	150	26,534	12	142,835
{ Other Productive Societies.	6	492	—	3,628
<b>Totals .. { 1901</b>	<b>298</b>	<b>57,432</b>	<b>4,254</b>	<b>1,560,511</b>
{ 1900	292	53,766	4,093	1,457,891
<i>By Distributive Societies :—</i>				
ENGLAND AND WALES. { Retail Societies ..	549‡			
{ Wholesale Society	1‡			1,129,416
SCOTLAND .. { Retail Societies ..	170‡			
{ Wholesale Society	1‡			545,511
IRELAND .. Retail Societies ..	3‡			
<b>Totals .. { 1901</b>	<b>724‡</b>			<b>1,674,927</b>
{ 1900	681‡			1,567,764
<b>Total Production .. { 1901</b>	<b>1,022</b>	<b>‡</b>	<b>‡</b>	<b>3,175,438</b>
{ 1900	973	‡	‡	3,005,865
<b>Total Distribution and Pro- { 1901</b>	<b>1,650</b>	<b>1,865,329</b>	<b>5,711</b>	<b>31,114,424</b>
<b>duction, United Kingdom. { 1900</b>	<b>1,632</b>	<b>1,773,268</b>	<b>5,541</b>	<b>28,965,747</b>

\* The same Society may hold shares in several others, and may therefore be counted several times in this column.

† In some cases the number of employees was not stated, and an estimate has been made.

‡ These Societies did not supply particulars for this column.

§ Included under the head of distribution.



PRODUCTIVE SOCIETIES—continued.

OF SOCIETY, 1901.

Capital. Reserve and Insurance.	Sales.	Profit, including Interest on Share Capital.	No. of Persons directly employed by the Societies at 31st December, 1901.†	Class of Society.
£	£	£		
744,204	41,543,850	6,414,306	34,464	Distribution. Retail Societies .. } ENGLAND AND WALES.
802,340	17,842,082	266,186	3,106	Wholesale Society } ENGLAND AND WALES.
238,487	11,126,889	1,844,884	9,931	Retail Societies .. } SCOTLAND.
260,548	5,700,743	174,778	1,490	Wholesale Society } SCOTLAND.
1,198	90,452	6,087	89	Retail Societies .. } IRELAND.
50	46,888	1,035	10	Wholesale Society } IRELAND.
2,149	166,776	485	17	Agency Society .. } IRELAND.
1,970	67,095	920	99	Agricultural Societies. } IRELAND.
‡	5,719	‡	‡	Home Industries, &c. Societies. } IRELAND.
‡	17,179	‡	‡	Poultry Societies } IRELAND.
<b>2,046,246</b> 1,865,620	<b>76,467,663</b> 71,863,487	<b>8,693,679</b> 8,208,398	<b>49,296</b> 46,972	1901 } Total Distribution. 1900 }
				Production. By Productive Societies :—
10,807	1,234,511	61,500	398	Corn Mill Societies } ENGLAND.
2,345	63,519	3,534	175	Bread-baking and Food Preparation Societies. } ENGLAND.
51,989	1,062,463	51,637	6,433	Other Productive Societies. } ENGLAND.
22,387	459,752	62,390	1,155	Bread-baking Societies. } SCOTLAND.
7,306	104,529	7,326	531	Other Productive Societies. } SCOTLAND.
18,828	863,077	12,331	790	Dairy Societies .. } IRELAND.
520	4,401	489	231	Other Productive Societies. } IRELAND.
<b>114,682</b> 104,776	<b>3,791,651</b> 3,685,413	<b>199,267</b> 189,761	<b>9,713</b> 9,752	1901 } Totals. 1900 }
				By Distributive Societies :—
‡	3,277,662**	‡	11,179	Retail Societies .. } ENGLAND AND WALES.
‡	3,148,532**	78,477	8,171	Wholesale Society } ENGLAND AND WALES.
‡	1,450,951**	‡	4,964	Retail Societies .. } SCOTLAND.
‡	1,532,540**	59,405	4,702	Wholesale Society } SCOTLAND.
‡	1,123**	‡	17	Retail Societies .. IRELAND.
‡	<b>9,419,658**</b>	<b>137,892</b>	<b>29,033</b>	1901 } Totals. 1900 }
‡	<b>8,517,898**</b>	<b>106,996</b>	<b>27,903</b>	1900 }
¶	<b>13,261,769</b>	<b>337,689</b>	<b>36,746</b>	1901 } Total Production. 1900 }
¶	<b>12,183,379</b>	<b>298,757</b>	<b>37,855</b>	1900 }
<b>2,155,628</b> 1,970,266	<b>89,669,312</b> 84,048,766	<b>9,035,759</b> 8,507,155	<b>37,952</b> 34,827	1901 } Total Distribution and Pro- 1900 } duction, United Kingdom.

‡ These Societies are also shown in the totals for distribution but are counted only once in the grand totals.

¶ These particulars relating to production by distributive Societies are included under the head of distribution, and accordingly no totals can be given.

\*\* The goods produced by the distributive Societies are not usually sold direct by the productive departments, but are transferred to the distributive departments.

**DISTRIBUTIVE AND PRODUCTIVE SOCIETIES—continued.**  
**PROFIT-SHARING WITH EMPLOYEES IN 1901.**

[ *Compiled from Returns made to the Co-operative Union and from Special Returns made to the Department.* ]

Class of Society.	Number of Societies making Returns.	No. of Employees at 31st December, 1901.	Amount of Wages Paid.	Allotted to Employees out of Profits.	
				Amount.	Per cent. on wages.
<b>ENGLAND AND WALES.</b>					
Retail Distributive Societies:—					
Distributive Departments.	173	7,872	422,173	18,140	4'3
Productive Departments	80	1,266	71,114	2,742	3'9
Productive Societies .. ..	45	4,624	222,431	15,188*	6'8
Corn Milling Society.. ..	1	31	2,147	51	2'4
<b>Total : England and Wales..</b>	<b>299†</b>	<b>13,793</b>	<b>717,865</b>	<b>36,121</b>	<b>5'0</b>
<b>SCOTLAND.</b>					
Retail Distributive Societies:—					
Distributive Departments.	48	2,379	116,065	10,541	9'1
Productive Departments	16	657	32,354	2,364	7'3
Productive Societies .. ..	2	1,306	70,399	5,733*	8'1
Wholesale Society:—					
Distributive Departments.	1	1,490	92,700	3,090	3'3
Productive Departments		4,702	222,779	7,412	3'3
<b>Total : Scotland .. ..</b>	<b>52†</b>	<b>10,514</b>	<b>524,297</b>	<b>29,140</b>	<b>5'5</b>
<b>IRELAND.</b>					
Retail Distributive Societies	4	31	1,281	37	2'1
Productive Societies .. ..	12	156	3,242	194	6'0
<b>Total : Ireland .. ..</b>	<b>16</b>	<b>187</b>	<b>4,523</b>	<b>231</b>	<b>5'1</b>
<b>Total : United Kingdom, 1901</b>	<b>297†</b>	<b>24,494</b>	<b>1,256,665</b>	<b>65,492</b>	<b>5'2</b>
<i>Total : United Kingdom, 1900</i>	<i>295</i>	<i>23,973</i>	<i>1,197,556</i>	<i>61,187</i>	<i>5'1</i>

\* In addition to these amounts, 17 of these Societies, and two additional Societies, in England allotted £1,062, and one additional Society in Scotland, allotted £86 to Provident Funds for the benefit of their employees.

† Retail Distributive Societies which allot a share of the profits to both distributive and productive employees are included once only in the totals.

**ASSOCIATIONS FOR RETAIL DISTRIBUTION.  
MEMBERSHIP, CAPITAL AND SALES, 1883-1901.**

[Compiled from Returns made to the Co-operative Union, and to the Chief Registrar of Friendly Societies.]

Year.	No. of Societies making Returns.	No. of Members in Societies making Returns.	Capital.*		Amount of Sales.
			Share.	Loan.	
1883	1,051	627,625	£ 6,398,744	£ 736,605	£ 18,540,004
1884	1,128	696,282	6,652,390	840,571	19,569,940
1885	1,148	746,772	7,508,900	833,416	19,872,343
1886	1,148	774,408	7,916,650	956,293	20,406,433
1887	1,153	828,073	8,561,098	908,998	21,358,207
1888	1,204	867,223	8,906,662	1,031,823	23,987,206
1889	1,297	932,000	9,521,108	1,006,587	25,887,240
1890	1,240	961,616	10,310,743	1,132,585	26,887,638
1891	1,307	1,044,675	11,312,806	1,194,753	30,599,401
1892	1,420	1,126,880	12,208,677	1,327,444	32,344,534
1893	1,421	1,169,094	12,529,359	1,388,876	31,925,896
1894	1,421	1,212,945	13,183,868	1,350,152	32,242,394
1895	1,417	1,274,994	14,123,685	1,654,344	33,900,674
1896	1,428	1,355,946	15,386,295	1,515,773	36,673,858
1897	1,442	1,465,538	16,318,718	2,035,004	40,128,559
1898	1,436	1,535,575	17,426,410	2,252,987	42,581,503
1899	1,446	1,613,461	18,934,023	2,519,519	45,047,446
1900	1,439	1,707,011	20,566,287	3,019,998	50,053,587
1901	1,438	1,793,167	21,965,994	3,326,591	52,761,171

**DISTRIBUTIVE SOCIETIES IN IRELAND. †  
MEMBERSHIP, CAPITAL AND SALES, 1895-1901.**

[Compiled from the Balance-sheets of the Societies and from Returns made to the Irish Agricultural Organisation Society.]

1895	6	661	419	387	5,288
1896	34	3,919	2,204	1,525	41,333
1897	41	3,144	2,233	5,947	47,215
1898	77	9,150	3,659	7,461	63,201
1899	85	9,650	3,572	11,415	69,351
1900	97	12,093	5,269	14,415	88,431
1901	110	14,345	5,709†	17,989†	89,993

\* Exclusive of Reserve and Insurance Funds.

† Agricultural, Home Industries, and Poultry Societies (in Ireland).

‡ Eight Societies made no return of Capital.

ASSOCIATIONS FOR RETAIL DISTRIBUTION—*continued.*

## DIVIDEND TO MEMBERS ON PURCHASES, 1897-1901.

[Compiled from the Balance Sheets of the Societies, and (for 1900 and 1901) from Returns to the Co-operative Union.]

—	1897.*	1898.*	1899.*	1900.	1901.
Number of Societies† ...	879	960	1,089	1,289	1,302
Membership ... ..	1,187,178	1,336,764	1,468,728	1,667,514	1,755,711
Average rate of dividend received by members per £ of purchases.	<i>s. d.</i> 2 7½	<i>s. d.</i> 2 7½	<i>s. d.</i> 2 7½	<i>s. d.</i> 2 7½	<i>s. d.</i> 2 7½
Number of members in Societies paying a dividend per £ falling within the following limits‡ :—					
6 <i>d.</i> and under ... ..	4,352	6,812	6,154	6,027	4,186
Over 6 <i>d.</i> and up to 1 <i>s.</i> ...	12,822	17,460	15,181	16,925	25,608
" 1 <i>s.</i> " 1 <i>s.</i> 6 <i>d.</i> ...	40,894	43,970	54,955	66,315	76,356
" 1 <i>s.</i> 6 <i>d.</i> " 2 <i>s.</i> ...	177,881	216,880	232,400	261,443	288,191
" 2 <i>s.</i> " 2 <i>s.</i> 6 <i>d.</i> ...	198,520	235,110	248,167	299,166	283,217
" 2 <i>s.</i> 6 <i>d.</i> " 3 <i>s.</i> ...	444,867	515,841	562,467	612,399	639,593
" 3 <i>s.</i> " 3 <i>s.</i> 6 <i>d.</i> ...	198,155	176,079	202,470	232,553	233,290
" 3 <i>s.</i> 6 <i>d.</i> " 4 <i>s.</i> ...	96,819	113,289	131,030	143,858	152,734
" 4 <i>s.</i> ... ..	12,868	11,323	15,904	28,828	52,536
Percentage of members in Societies paying a dividend per £ falling within the following limits‡ :—	Per-centage.	Per-centage.	Per-centage.	Per-centage.	Per-centage.
6 <i>d.</i> and under ... ..	0·4	0·5	0·4	0·4	0·2
Over 6 <i>d.</i> and up to 1 <i>s.</i> ...	1·1	1·3	1·1	1·0	1·5
" 1 <i>s.</i> " 1 <i>s.</i> 6 <i>d.</i> ...	3·4	3·3	3·8	4·0	4·4
" 1 <i>s.</i> 6 <i>d.</i> " 2 <i>s.</i> ...	15·0	16·2	15·8	15·7	16·4
" 2 <i>s.</i> " 2 <i>s.</i> 6 <i>d.</i> ...	16·7	17·6	16·9	17·9	16·1
" 2 <i>s.</i> 6 <i>d.</i> " 3 <i>s.</i> ...	37·5	38·6	38·2	36·7	36·4
" 3 <i>s.</i> " 3 <i>s.</i> 6 <i>d.</i> ...	16·7	13·2	13·8	14·0	13·3
" 3 <i>s.</i> 6 <i>d.</i> " 4 <i>s.</i> ...	8·1	8·5	8·9	8·6	8·7
" 4 <i>s.</i> ... ..	1·1	0·8	1·1	1·7	3·0
	100·0	100·0	100·0	100·0	100·0

\* The figures for these years are obtained by taking the mean of those returned for each quarter of the year.

† Exclusive of societies from which no returns as to dividend are available; the membership of these in 1900 was 41,363, and in 1901 was 35,666.

‡ The rates of dividend taken are those paid upon the main volume of trade. In a few cases higher or lower dividends were paid upon purchases from minor departments such as butchery, drapery, &c. With few exceptions, the Societies paid a dividend to non-members at one-half the rates paid to members.

ENGLISH WHOLESALE SOCIETY.

MEMBERSHIP, CAPITAL, SALES, ETC., OF DISTRIBUTIVE DEPARTMENTS, 1883-1901.

[Compiled from the published Accounts of the Society.]

Year.	Number of Members in Shareholding Societies.	Capital.				Sales.	Rate of Distributive Expenses per £ of Sales.	Average Dividend paid per £ on Sales.	Amount transferred to Reserve and Insurance Funds.
		Share.	Loan.	Reserve and Insurance Funds.	Total.				
		£	£	£	£	£	d.	d.	£
1883	433,151	166,092	408,110	48,610	643,412	4,546,889	5'4	2½	3,178
*1884	459,734	207,080	439,313	59,438	705,831	4,975,371	5'5	2½	6,431
1885	507,772	234,112	459,168	82,262	775,562	4,793,151	5'6	2½	17,713
1886	558,104	270,879	497,663	106,173	874,515	5,233,179	5'7	3½	23,546
1887	604,800	300,963	511,998	126,998	938,949	5,713,235	5'9	2½	12,186
1888	634,196	318,583	541,878	149,318	1,009,779	6,200,074	4'0	2½	15,298
*1889	679,336	342,218	607,589	187,096	1,136,903	7,028,944	4'0	3½	18,907
1890	721,316	434,017	697,108	215,475	1,346,600	7,429,073	4'0	3½	20,962
1891	751,269	473,956	629,719	261,689	1,365,364	8,766,430	5'9	3½	15,847
1892	824,149	523,512	565,663	292,662	1,381,837	9,300,904	4'2	2½	7,511
1893	873,698	570,149	520,341	291,670	1,382,160	9,526,167	4'5	2½	†9,666
1894	910,104	598,496	580,376	320,020	1,498,892	9,443,938	4'6	2½	26,092
*1895	930,965	635,541	520,457	365,967	1,521,965	10,141,917	4'6	3½	37,424
1896	993,564	662,656	531,920	437,491	1,652,067	11,115,056	4'6	3½	28,045
1897	1,063,564	723,749	548,908	489,263	1,766,910	11,920,143	4'9	2½	8,338
1898	1,118,158	775,536	506,998	559,282	1,841,516	12,574,748	4'8	3½	36,618
1899	1,179,809	821,224	516,937	635,736	1,973,897	14,212,375	4'7	4	63,843
1900	1,249,091	883,791	539,101	735,991	2,158,883	16,043,889	4'7	4	48,210
1901	1,315,235	948,944	535,349	802,340	2,286,633	17,642,082	4'5	4	27,210

NOTE.—The English Society is a Federation which at the end of 1901 included 1,092 Co-operative Associations, comprising 1,315,235 members.  
 \* 53 weeks. † Taken from reserve and insurance fund.

## SCOTTISH AND IRISH WHOLESALE SOCIETIES.

## MEMBERSHIP, CAPITAL, SALES, ETC., OF DISTRIBUTIVE DEPARTMENTS, 1883-1901.

[Compiled from the published Accounts of the Societies.]

Year.	Number of Members in Shareholding Societies.	Capital.				Sales.	Rate of Distributive Expenses per £ of Sales.	Average Dividend paid per £ on Sales.	Amount transferred to Reserve and Insurance Funds.
		Share.	Loan.	Reserve and Insurance Funds.	Total.				
<b>Scottish Society.</b>									
	£	£	£	£	£	£	d.	d.	£
1883	59,529	37,950	151,487	14,559	193,998	1,253,154	4'2	5½	2,371
1884	65,331	31,015	193,290	17,473	241,748	1,500,332	4'5	5½	2,904
1885	70,066	34,267	225,510	21,265	281,022	1,438,220	4'5	6½	3,783
*1886	79,874	56,234	237,769	25,567	319,570	1,657,152	4'7	6½	4,213
†1887	87,220	61,884	259,044	32,652	353,590	1,810,016	4'7	6½	7,085
1888	96,521	68,941	280,612	36,875	386,328	1,963,864	4'8	6½	4,223
1889	107,004	75,558	325,811	44,177	445,544	2,273,782	4'8	6½	7,303
1890	117,664	84,455	390,880	52,883	528,198	2,475,601	4'8	7	8,706
1891	131,086	95,978	435,622	64,940	596,940	2,828,037	4'8	6½	8,964
1892	139,022	129,973	473,856	73,849	677,478	3,104,788	5'0	6½	12,301
1893	149,164	144,075	503,028	85,349	732,452	3,135,562	5'5	6½	11,201
1894	159,820	157,208	468,896	65,738	691,832	3,056,583	5'9	6	‡19,621
1895	171,965	169,906	590,527	78,931	839,364	3,449,462	5'4	7	13,203
1896	189,763	187,848	591,870	103,766	883,414	3,822,581	5'2	7½	24,834
1897	211,859	211,489	554,902	123,567	889,958	4,405,854	5'2	8	19,801
1898	223,899	223,932	485,890	147,107	856,929	4,692,330	5'7	7	24,540
1899	240,873	242,010	556,996	176,806	975,812	5,014,189	5'5	8	29,699
1900	251,376	254,113	670,525	213,425	1,138,063	5,483,831	5'5	8	36,619
1901	270,920	274,137	854,617	260,548	1,389,302	5,700,743	5'8	8	47,123
<b>Irish Agency Society.</b>									
1883	Cannot be stated.	138	542	—	680	45,575	7'0	—	—
1884		138	1,442	—	1,580	64,858	5'9	—	—
1885		201	1,793	—	1,994	77,006	6'5	—	—
1886		270	2,128	—	2,398	110,726	7'6	—	—
1887		239	2,242	—	2,481	116,238	6'1	—	—
1888		352	2,000	—	2,352	133,011	6'2	—	—
1889		375	2,119	330	2,824	159,209	5'9	—	330
1890		404	866	1,628	2,898	177,205	6'1	—	1,298
1901	419	3,383	2,149	5,951	168,776	6'7	—	521	
<b>Irish Agricultural Wholesale Society.</b>									
1887	Cannot be stated.	312	—	—	312	14,441	6'0	—	—
1888		1,861	579	200	2,640	40,006	5'6	4½	200
1889		3,271	2,493	1,675	—	4,168	36,697	14'5	—
1890		3,323	3,034	2,289	—	5,323	36,764	12'1	—
1901		3,329	3,376	2,478	50	5,904	46,838	9'7	—

NOTE.—The Scottish Society at the end of 1901 included 287 Co-operative Associations comprising 270,920 members. The Irish Co-operative Agency consisted of 50 agricultural and dairying Societies, and the Agricultural Wholesale of 28 agricultural and dairying Societies comprising 3,329 members.

\* 60 weeks.

† 53 weeks.

‡ Taken from reserve and insurance fund.

§ Year of commencement of business.

CO-OPERATIVE PRODUCTION.

GENERAL SUMMARY, 1895-1901.

[Compiled from the published Accounts of the Societies, and from special information furnished by them.]

Year.	ASSOCIATIONS FOR DISTRIBUTION.			ASSOCIATIONS FOR PRODUCTION.			Grand Total.
	Retail Societies.	Wholesale Societies.	Total.	Corn Milling Societies.	Other Forms of Production.	Total.	
<b>Number of Societies making Returns.</b>							
1895	494	2	496	9	170	179	675
1896	495	2	497	9	190	199	696
1897	580	2	582	9	212	221	803
1898	613	2	615	8	242	250	865
1899	616	2	618	8	259	267	885
1900	679	2	681	8	284	292	973
1901	722	2	724	8	290	298	1,022
<b>Number of Persons Employed in Production at end of Year.</b>							
1895	8,654	6,684	15,338	404	6,716	7,120	22,668
1896	9,398	8,588	17,986	394	7,381	7,775	26,761
1897	10,934	9,363	20,297	405	7,868	8,273	28,560
1898	12,008	9,737	21,745	391	7,968	8,359	30,104
1899	13,810	11,606	25,416	376	8,801	9,177	34,593
1900	15,772	12,131	27,903	429	9,323	9,752	37,655
1901	16,160	12,373	29,033	398	9,315	9,713	38,746
<b>Value of own Productions Sold and Transferred.*</b>							
1895	£ 2,356,405	£ 1,570,688	£ 3,927,093	£ 857,906	£ 1,393,928	£ 2,361,834	£ 6,278,837
1896	2,650,183	2,119,228	4,769,411	1,070,543	1,597,825	2,668,368	7,437,779
1897	3,297,416	2,905,167	6,202,583	1,264,402	1,763,978	3,028,378	9,231,361
1898	3,683,529	3,191,396	6,875,425	1,408,946	1,916,527	3,325,173	10,200,598
1899	3,906,385	3,558,184	7,464,569	1,184,885	2,191,785	3,376,670	10,841,239
1900	4,352,836	4,165,030	8,517,866	1,226,995	2,438,418	3,665,413	12,183,279
1901	4,729,736	4,680,922	9,410,658	1,234,311	2,556,740	3,791,051	13,201,709

\* In the case of the wholesale and retail distributive societies the goods are not usually sold by the productive departments, but are transferred to the distributive departments.

## CO-OPERATIVE PRODUCTION—continued.

## SUMMARY BY INDUSTRY, 1901.

[Compiled from the published Accounts of the Societies, and from special information furnished by them.]

Industry carried on.	RETAIL SOCIETIES.			WHOLESALE SOCIETIES (English and Scottish).		ASSOCIATIONS FOR PRODUCTION (including Corn Milling Societies).		
	Number of Societies.	Number of Employees at 31st Dec. 1901.	Sales. £	Number of Employees at 31st Dec. 1901.	Sales. £	Number of Societies.	Number of Employees at 31st Dec. 1901.	Sales. £
Building .. ..	45	1,526	244,315	595	116,546	11	302	63,539
Quarrying .. ..	..	..	..	..	..	1	46	5,755
Metal, engineering and shipbuilding.	7	42	5,819	118	25,245	20	842	109,214
Textile .. ..	11	47	4,099	430	107,116	18	2,071	374,014
Clothing:—								
Boots and shoes	397	3,002	401,055	4,201	690,958	22	2,031	348,523
Tailoring, mantles, shirt-making, &c.	251	3,901	474,848	2,904	268,154	3	485	51,170
Dressmaking, millinery, &c.	247	3,333	222,709	122	7,586	2	179	13,972
Farming, dairying, and fishing.	40	261	80,964	433	281,638	159	966	892,936
Printing and allied trades.	..	..	..	741	104,764	14	680	116,483
Woodworking and furnishing.	21	196	24,297	484	72,333	5	288	39,280
Food preparation:—								
Corn and meal milling.	15	192	615,907	404	1,337,370	8	398	1,234,311
Bread making, preserves, pickles, and confectionery.	532	3,869	2,457,653	1,070	455,212	20	1,209	481,883
Other foodst <sup>†</sup> ..	46	230	190,557	329	347,520	5	131	42,121
Tobacco .. ..	..	..	..	557	431,865	..	..	..
Bass dressing, brush, &c. making.	2	8	2,508	56	11,730	5	99	10,941
Other trades ..	3	33	5,005	429	372,865	5	88	6,909
<b>Total, 1901 ..</b>	<b>722*</b>	<b>16,169</b>	<b>4,729,736</b>	<b>12,873</b>	<b>4,669,922</b>	<b>298</b>	<b>9,713</b>	<b>3,791,651</b>
<i>Total, 1900 ..</i>	<i>679</i>	<i>15,772</i>	<i>4,352,836</i>	<i>12,131</i>	<i>4,165,030</i>	<i>292</i>	<i>9,762</i>	<i>3,665,413</i>

NOTE.—The wages paid for production in 1901 by the above Societies were as follows:—Retail Societies, £380,721; Wholesale Societies, £622,373; and Associations for Production (including Corn Mills), £500,922.

\* Some Societies carry on two or more trades, and are entered under several heads, consequently this column does not add up.

† Includes Fodder.



## ENGLISH WHOLESALE SOCIETY.

## EMPLOYEES, CAPITAL, PRODUCTION, ETC., OF MANUFACTURING DEPARTMENTS, 1874-1901.

[Compiled partly from the published Accounts of the Society and partly from information specially supplied by the Society.]

Year.	Number of Work-people employed in Production at end of Year.	Average Amount of Capital employed.	Value of Productions at Cost.	Expenses (excluding materials used).		
				Amount of Productive Wages.	Other Expenses.*	Total Expenses, including Productive Wages.
1874†	220	£ 18,100	£ 54,784	£ 11,279	£ 2,444	£ 13,723
1875	320	25,000	76,403	18,547	3,146	21,693
1876	400	35,000	85,894	22,747	3,967	26,714
1877	450	44,800	97,642	25,111	4,769	29,880
1878	470	45,200	101,397	27,600	5,142	32,742
1879	659	45,100	103,587	29,593	4,957	34,550
1880	680	46,454	118,340	32,465	5,568	38,033
1881	689	47,370	133,106	37,747	5,847	43,594
1882	713	48,413	149,053	42,601	6,196	48,797
1883	933	47,769	144,244	38,680	3,257	46,937
1884	965	55,527	160,757	44,112	9,923	54,035
1885	979	65,613	171,441	46,689	11,584	58,273
1886	996	69,864	184,789	50,967	14,087	65,054
1887	1,110	78,093	196,448	54,151	16,386	70,537
1888	1,405	106,256	231,570	65,367	19,424	84,791
1889	1,758	114,732	282,709	79,606	21,452	101,058
1890	1,969	127,866	350,630	97,793	23,240	121,033
1891	2,823	271,033	583,480	116,617	38,122	154,739
1892	3,278	359,808	816,348	141,329	55,391	196,720
1893	3,054	397,141	729,144	124,007	60,854	184,861
1894	3,265	392,210	783,778	138,360	64,478	202,838
1895	3,933	571,613	914,048	164,582	75,783	240,365
1896	5,277	663,975	1,284,750	239,730	102,523	342,253
1897	5,653	709,778	1,572,807	284,964	115,018	399,982
1898	5,955	794,635	1,909,649	266,493	128,680	395,173
1899	7,382	855,604	2,223,694	356,447	136,596	493,043
1900	7,462	1,029,062	2,626,516	370,371	193,050	563,421
1901	8,171	1,129,416	2,982,137	399,594	214,105	613,699

\* Including interest on capital (all of which is treated as loan capital), depreciation of property, and expenses of management, &c.

† Year of commencement of manufacturing.

## SCOTTISH WHOLESALE SOCIETY.

## EMPLOYEES, CAPITAL, PRODUCTION, ETC., OF MANUFACTURING DEPARTMENTS, 1883-1901.

[Compiled partly from the published Accounts of the Society and partly from information specially supplied by the Society.]

Year.	Number of Work-people employed in Production at end of Year.	Average Amount of Capital employed.	Value of Productions at Cost.	Expenses (excluding Materials used).			Amount distributed to Workers as Bonus on Wages.*	
				Amount of Productive Wages.	Other Expenses.†	Total Expenses including Productive Wages.	Amount.	Amount in Pence per £ of Wages.
1883‡	73	£ 1,401	£ 4,094‡	£ 2,357	£ 177	£ 2,534	£	d.
1884	104	2,439	4,927‡	2,371	399	2,770		
1885	377	7,924	21,705‡	7,863	1,067	8,950		
1886	427	14,068	45,646	15,401	1,761	17,162		
1887	473	13,729	40,441	16,864	1,733	18,647	815	4‡
1888	693	23,341	57,833	21,567	2,647	24,244	629	7
1889	783	35,078	78,047	28,150	4,229	32,379	1,017	8‡
1890	1,024	47,124	113,449	38,520	5,676	44,196	1,753	11
1891	1,350	75,169	183,156	48,060	9,326	57,406	1,803	9
1892	1,700	101,017	260,370	61,293	13,643	74,936	2,321	9
1893	1,684	137,304	393,069	68,260	18,137	86,397	1,778	6‡
1894	1,931	248,994	546,838	74,604	23,229	97,833	1,843	6
1895	2,751	294,906	684,284	113,310	40,802	154,012	3,275	7
1896	3,311	353,904	831,282	131,995	47,454	179,449	4,262	8
1897	3,700	396,666	1,283,897	166,544	58,229	224,773	6,031	8
1898	3,782	476,149	1,267,903	174,373	69,655	244,028	5,062	7
1899	4,224	481,833	1,282,911	195,467	72,482	267,969	6,514	8
1900	4,669	538,702	1,460,307	215,548	85,682	301,230	7,179	8
1901	4,702	545,511	1,532,945	222,779	86,641	309,420	7,412	8

\* In the case of the *English Co-operative Wholesale Society* no bonus on wages is paid to workers.

† Including interest on capital (all of which is treated as loan capital) depreciation of property, and expenses of management, &c.

‡ Year of commencement of manufacturing.

§ "Making up" only for the distributive departments.

|| The amount of bonus to workers in the manufacturing departments previous to 1887 is not obtainable.

**CORN MILLING SOCIETIES.\***

**MEMBERSHIP, CAPITAL AND SALES, 1883-1901.**

[Based upon Reports of the Chief Registrar of Friendly Societies, upon Returns made to the Co-operative Union and (since 1898) upon Returns sent direct to the Department by the Societies concerned.]

Year.	No. of Societies making Returns.*	Number of Shareholders in Societies making Returns.		Capital.			Amount of Sales.	Profit, including (since 1898) Interest on Shares, but not on Loan Capital.
		Indi-viduals.†	So-cieties.†	Share.	Loan.	Reserve.		
1883	15	17,089		361,354	67,847	10,392	1,344,229	48,882
1884	13	17,099		379,109	70,961	11,331	1,228,989	44,215
1885	13	17,088		387,191	66,223	6,366	1,119,660	29,276
1886	13	16,924		384,945	64,093	6,778	1,064,363	29,305
1887	11	16,884		379,716	58,545	2,410	1,041,027	34,214
1888	12	17,058		356,970	51,317	5,838	1,186,802	43,044
1889	12	16,855		358,805	53,584	8,937	1,158,923	40,689
1890	11	13,123		354,292	67,603	13,061	1,212,547	58,871
1891	11	13,123		361,281	73,859	15,905	1,411,589	74,140
1892	11	12,509	423	370,470	97,945	13,077	1,394,306	57,574
1893	10	11,862	422	368,392	107,415	13,482	1,124,574	37,334
1894	9	6,775	405	355,981	87,565	11,107	946,510	43,742
1895	9	6,622	410	374,119	74,984	17,627	957,906	33,378
1896	9	6,956	402	373,840	74,284	13,189	1,070,543	63,596
1897	9	6,373	412	381,024	62,973	14,031	1,264,402	62,596
1898	8	5,643	411	374,955	55,997	13,993	1,408,646	65,134
1899	8	5,472	414	373,191	49,056	16,742	1,184,885	66,956
1900	8	5,347	413	353,234	44,950	12,914	1,226,995	65,452
1901	8	5,199	418	350,710	43,588	10,807	1,234,311	61,500

NOTE.—The total wages paid by the above Societies amounted in 1901 to £32,201.

\* Exclusive of the mills of the Wholesale and Retail Distributive Societies.

† The numbers of society and individual members were not separately stated previous to 1892.

**ASSOCIATIONS FOR PRODUCTION.**  
**MEMBERSHIP, CAPITAL, SALES, ETC., 1883-1901.**

[Compiled from Returns made to the Co-operative Union and from the published Accounts of the Societies.]

Year.	No. of Societies making Returns.*	No. of Members in Societies making Returns.	Capital.			Amount of Sales.	Profit, including (since 1893) Interest on Shares but not on Loans.
			Share.	Loan.	Reserve and Insurance Funds.		
1883	18	2,800	£ 82,163	£ 42,143	£ 5,182	£ 188,532	£ 9,258
1884	24	3,016	88,193	48,319	6,417	216,828	9,111
1885	26	3,587	76,888	57,492	7,556	234,980	9,933
1886	35	4,613	89,295	62,927	7,889	265,274	11,719
1887	39	5,139	94,799	75,239	12,116	306,580	12,661
1888	45	5,702	106,213	93,832	12,759	344,288	15,061
1889	59	7,750	131,127	138,711	18,665	550,314	26,194
1890	66	9,139	158,032	148,103	22,135	668,487	38,837
1891	88	10,447	188,662	182,758	26,252	861,914	47,810
1892	108	12,707	225,784	227,845	26,559	1,005,152	46,975
1893	128	15,719	267,458	254,264	31,172	1,090,185	46,103
1894	157†	24,630‡	387,649	384,462	47,635	1,400,139	65,707
1895	170	27,110‡	371,714	321,383	44,325	1,393,928	85,299
1896	190	31,311‡	409,612	360,313	51,793	1,597,825	81,117
1897	212	34,300‡	452,719	452,322	59,909	1,763,976	96,784
1898	242	41,074‡	466,437	400,369	72,870	1,916,527	103,404
1899	252	46,212‡	514,857	478,583	79,412	2,191,785	120,277
1900	284	52,119‡	559,184	480,523	91,862	2,438,418	124,309
1901	290	56,069‡	589,448	516,765	103,275	2,556,740	137,707

\* Excluding corn mills, for which see page 157.

† The increase is mainly due to a larger number of returns from Baking Societies than in previous years.

‡ Of these totals 2,529 in 1894, 2,695 in 1895, 2,935 in 1896, 3,133 in 1897, 3,209 in 1898, 3,436 in 1899, 3,680 in 1900, and 3,836 in 1901 were societies and not individuals.

ASSOCIATIONS FOR PRODUCTION—*continued.*

## DIVISION OF PROFIT, 1883-1901.

[Compiled from Returns made to the Co-operative Union and from the published Accounts of the Societies.]

Year.	Distribution of Profit by certain of the Societies.*					Per-centage of total allotted to Workers.
	No. of Societies making Returns.	Amount allotted to			Total of the three preceding columns.	
		Members (on Capital).	Customers (on Purchases).	Workers (on Wages).		
1883		£	£	£	£	
		No Returns.				
1884	13	3,429	1,334	546	5,309	10·3
1885	16	9,506	2,126	1,470	13,102	11·2
1886	23	12,100	2,696	1,599	16,395	9·8
1887		No Returns.				
1888	21	6,896	3,468	1,854	12,218	15·2
1889	31	8,601	5,612	3,708	17,921	20·7
1890	36	10,777	11,333	4,747	26,857	17·7
1891	42	11,746	17,608	5,043	34,397	14·7
1892	43	12,187	19,279	5,742	37,208	15·4
1893	49	12,709	18,644	5,832	37,185	15·7
1894	51	13,283	21,553	6,338	41,174	15·4
1895	56	13,640	26,575	9,647	49,862	19·3
1896	73	20,375	42,471	11,250	74,596	15·1
1897	79	20,037	52,590	13,150	85,777	15·3
1898	86	23,539	47,696	14,094	85,329	16·5
1899	83	24,850	55,482	17,633	97,965	18·0
1900	133	25,967	57,197	19,608	102,772	19·1
1901	159	39,598	106,615	21,166	167,379	12·6

\* In addition to these amounts, one dairy society in England allotted £76, and six dairy societies in Ireland allotted a total of £540 to their members as a bonus on the value of milk supplied to the dairies.

ASSOCIATIONS FOR PRODUCTION—*cont.*—MEMBERSHIP, CAPITAL,

[Compiled from Balance Sheets and Special Returns

## A.—ENGLAND AND WALES.

Industries.	No. of Societies making Returns.*	No. of Members in Societies making Returns.		Capital.			Amount of Sales.	Profit, including Interest on Shares but not on Loans.
		Individuals.	Societies.	Share.	Loan.	Reserve and Insurance Funds.		
<b>1900.</b>								
Building .. ..	12	1,560	8	£ 7,256	£ 12,521	£ 2,897	£ 51,965	£ 1,708
Quarrying .. ..	1	150	..	8,000	..	2,457	28,677	2,507
Metal, engineering and shipbuilding.	19	1,366	866	31,171	16,619	6,501	118,038	6,340
Textile .. ..	13	2,863	1,112	116,539	86,073	17,090	307,211	11,306
Clothing:—								
Boots and shoes	23	3,913	420	48,565	41,627	7,096	513,971	16,273
Other clothing	5	965	230	12,523	9,165	1,909	52,813	3,193
Farming, dairying, and fishing.	10	799	56	15,118	4,512	987	31,370	853
Printing and allied trades.	9	1,150	610	38,814	57,392	7,271	102,275	6,682
Woodworking and furnishing.	5	269	70	9,359	24,262	2,416	41,774	1,096
Brick making ..	1	313	12	2,723	3,564	794	7,510	173
Bread making and food preparation.	9	2,514	150	23,269	12,066	2,702	52,460	3,223
Base dressing, brush and basket making.	5	184	50	1,668	923	300	7,435	11†
Leather .. ..	3	98	..	491	174	259	3,531	51
<b>Total, 1900 ..</b>	<b>114</b>	<b>15,903</b>	<b>3,102</b>	<b>315,336</b>	<b>248,733</b>	<b>53,039</b>	<b>1,114,035</b>	<b>53,573</b>
<b>1901.</b>								
Building .. ..	11	1,535	8	£ 5,539	£ 12,466	£ 3,942	£ 63,539	£ 1,378
Metal, engineering and shipbuilding.	20	1,401	404	34,154	17,337	7,361	109,214	5,889
Textile .. ..	13	2,944	1,126	117,739	82,505	16,325	288,130	7,294
Clothing:—								
Boots and shoes	22	3,849	485	52,712	42,231	9,066	348,523	25,034
Other clothing	5	1,093	284	15,030	15,979	1,674	65,142	3,200
Farming, dairying, and fishing.	9	755	55	15,030	4,212	1,295	30,859	787
Printing and allied trades.	11	1,259	809	39,015	39,483	7,558	102,808	6,296
Woodworking and furnishing.	5	263	71	9,577	24,263	3,061	39,280	1,449
Bread making and food preparation.	10	2,935	159	26,936	13,073	2,345	63,519	3,534
Base dressing, brush and basket making.	5	203	64	3,128	1,925	348	10,941	546
Leather .. ..	3	110	..	559	404	259	4,026	226†
<b>Total, 1901 ..</b>	<b>114</b>	<b>16,247</b>	<b>3,245</b>	<b>319,419</b>	<b>264,378</b>	<b>54,234</b>	<b>1,125,961</b>	<b>56,171</b>

NOTE.—The total wages paid by these Societies in 1901, amounted to £341,812 in England and Wales, £24,878 in Scotland, and £31,976 in Ireland.

\* Excluding Corn Mills, for which see p. 157.

† Loss.

WORKMEN'S CO-OPERATIVE SOCIETIES.

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SALES, &c., GROUPED BY INDUSTRIES, 1900 AND 1901.

sent to the Department by the Societies concerned.]

B.—SCOTLAND.

Industries.	No. of Societies making Returns.	No. of Members in Societies making Returns.		Capital.			Amount of Sales.	Profit, including Interest on Shares but not on Loans.
		Individuals.	Societies.	Share.	Loan.	Reserve and Insurance Funds.		
<b>1900.</b>								
Quarrying .. ..	1	53	12	£ 537	£ 833	£ 175	£ 4,579	£ 236
Textile .. .. .	1	1,592	297	31,481	36,797	3,070	80,941	6,536
Printing and allied trades.	3	340	82	10,975	6,800	3,487	13,722	1,024
Bread making and food preparation.	14	6,403	128	123,086	133,951	20,177	440,063	55,262
Laundry .. .. .	1	..	43	1,415	2,463	..	2,055	320*
Total, 1900 ..	20	8,398	562	167,283	180,844	26,889	541,880	62,728
<b>1901.</b>								
Quarrying .. ..	1	124	12	£ 636	£ 575	£ 295	£ 5,755	£ 1,129
Textile .. .. .	1	1,731	301	32,351	36,322	3,508	82,796	5,557
Printing and allied trades.	3	340	85	11,046	6,779	3,503	13,875	800
Bread making and food preparation.	14	6,765	138	136,197	158,146	22,387	459,752	62,390
Laundry .. .. .	1	..	43	1,435	2,468	..	2,303	160*
Total, 1901 ..	20	8,960	579	181,665	204,290	29,693	564,281	69,716

C.—IRELAND.

<b>1900.</b>								
Embroidery and lace making, &c.	5	204	..	£ 331	£ 457	£ 473	£ 3,071	£ 26*
Dairying .. .. .	143	23,855	16	76,197	50,449	11,461	777,804	8,221
Flax Societies ..	2	89	..	37	40	..	2,128	72
Total, 1900 ..	150	24,148	16	76,565	50,946	11,934	783,003	8,298
<b>1901.</b>								
Embroidery and lace making, &c.	4	156	..	£ 120	£ 598	£ 520	£ 3,088	£ 238
Dairying .. .. .	150	26,534	12	86,326	56,509	18,828	862,077	12,331
Flax Societies ..	1	38	..	25	..	..	580	28
Fruit Societies ..	1	298	..	1,893	1,000	..	783	223
Total, 1901 ..	156	27,026	12	88,364	58,097	19,348	868,478	12,820

D.—UNITED KINGDOM.

Total, 1900 ..	284	43,439	3,680	£ 559,184	£ 480,523	£ 91,862	£ 2,433,418	£ 124,509
.. 1901 ..	290	52,233	3,336	589,448	516,765	103,275	2,556,740	137,707

\* Loss.

## CO-OPERATIVE CREDIT ASSOCIATIONS.

## BUSINESS DONE IN 1900 AND 1901.

[Compiled from Returns and Balance Sheets furnished by the Societies, and from statistics published by the Irish Agricultural Organisation Society.]

	Number of Societies making Returns.	Number of Members at end of year.	Total Capital (Share,* Loan, and Reserve).	Amount of Loans granted during year (including re-newals).	Amount of Loans repaid during year (including interest).	Amount owing by borrowers at end of year.†	Working Expenses, including interest on Capital.	Profit after allowing for interest on Capital.
<b>1900.</b>								
<b>ENGLAND.</b>								
London .. .. .	4	517	£ 1,568	£ 1,003	£ 869	£ 1,100	£ 107	£ 31
Other Districts .. ..	10	886	2,538	2,167	2,138	2,281	192	r‡
Total, England .. ..	14	1,403	3,896	3,170	2,997	5,331	299	30
<b>SCOTLAND</b> .. .. .	2	685	43,591	7,326	5,130	26,676	1,388	350
<b>IRELAND.</b>								
Leinster .. .. .	4	254	301	500	477	259	£ s. d. 17 10 4	£ s. d. 6 18 3
Munster .. .. .	5	286	646	550	465	607	22 9 2	9 0 0
Ulster .. .. .	10	484	1,511	1,871	1,377	1,041	58 12 9	16 8 8
Connaught .. .. .	29	1,903	3,977	4,758	4,015	2,741	117 1 2	80 14 7
Total, Ireland .. ..	48	2,927	6,435	7,479	6,334	4,648	215 13 5	113 1 6
<b>Total, United Kingdom</b>	<b>64</b>	<b>5,015</b>	<b>53,923</b>	<b>17,975</b>	<b>14,461</b>	<b>34,655</b>	<b>£ 1,901</b>	<b>£ 493</b>
<b>1901.</b>								
<b>ENGLAND.</b>								
London .. .. .	5	629	1,547	1,153	1,074	1,239	107	38
Other Districts .. ..	11	756	7,266	2,910	2,702	2,709	212	64
Total, England .. ..	16	1,385	8,803	4,063	3,776	3,948	319	102
<b>SCOTLAND</b> .. .. .	2	710	46,503	5,901	8,090	25,518	1,399	327
<b>IRELAND.</b>								
Leinster .. .. .	5	351	784	1,039	664	679	£ s. d. 84 3 4½	£ s. d. 7 18 3
Munster .. .. .	7	326	955	683	431	877	20 10 6	11 18 8
Ulster .. .. .	17	958	2,976	3,041	1,859	2,448	74 3 3	37 11 9½
Connaught .. .. .	34	2,286	4,825	5,631	4,957	3,528	165 8 0½	81 9 3½
Total, Ireland .. ..	63	3,919	9,440	10,394	7,911	7,532	294 5 2	138 18 0
<b>Total, United Kingdom</b>	<b>81</b>	<b>6,014</b>	<b>64,746</b>	<b>20,058</b>	<b>19,777</b>	<b>36,996</b>	<b>£ 2,012</b>	<b>£ 568</b>

\* Twelve only of the Credit Associations making returns in 1901 had share capital: of these ten were in England owning £2,450, and two in Scotland with £3,538. The remaining Associations are registered under the Friendly Societies Acts as Specially Authorised Societies, their capital consisting of loans and deposits.

† In the case of nine Irish societies in 1900, and seven in 1901, the amount was not stated; consequently the total shown for Ireland in 1900 is for 39 societies and in 1901 for 56 societies only.

‡ Loss.



## LOAN SOCIETIES IN ENGLAND AND WALES.\*

**NUMBERS OF MEMBERS AND OF BORROWERS, PROFITS, ETC.,  
1885-1900.**

*[Compiled from Reports of the Chief Registrar of Friendly Societies.]*

Year.	Number of			Amount in Bor- rowers' hands at end of Year.	Amount due to Depositors and Share- holders at end of Year.	Net Profit.	
	Societies making Returns.	Mem- bers.	Borrow- ers to whom Loans were granted.			Amount.	Percentage on Amount due to Depositors and Share- holders.
1885	408	41,065	82,655	299,481	321,157	12,891	4·01
1886	408	41,249	74,815	300,440	315,336	13,450	4·27
1887	366	39,264	70,430	269,594	289,741	11,660	4·02
1888	345	37,985	67,975	263,284	276,577	11,466	4·15
1889	333	39,960	65,031	256,199	273,063	11,279	4·13
1890	309	34,816	58,693	243,506	267,871	10,960	4·09
1891	298	34,576	58,117	241,703	258,714	11,112	4·30
1892	358	40,492	68,823	269,880	290,582	10,381	3·57
1893	349	40,290	65,017	256,189	277,082	11,603	4·19
1894	356	39,116	63,286	250,806	273,449	10,582	3·87
1895	341	37,711	61,724	238,620	265,869	10,228	3·85
1896	324	36,119	62,808	233,665	261,558	10,993	4·20
1897	307	35,366	62,131	232,356	259,834	11,855	4·56
1898	301	34,483	62,198	216,218	254,203	10,253	4·03
1899	269	31,542	55,420	193,385	240,306	11,354	4·72
1900	258	31,898	55,419	191,379	233,181	10,496	4·50

NOTE.—Some of the Societies included in this Table have considerably more capital per member than others. In 1900 the aggregate capital of 11 societies was £19,677, or £187 per member. The remaining 247 societies had an average capital per member of £6 only.

\* The Table relates to Societies registered under the Loan Societies Act, 1840. This Act does not apply to Scotland or Ireland.

## BUILDING NUMBER OF SOCIETIES AND

[NOTE.—This Table relates to Building Societies Incorporated under the Building  
Assets to the Registrars

	1886.	1887.	1888.†	1890.	1891.†	1893.
<b>ENGLAND AND WALES.</b>						
Number of Societies making Returns.	1,992	2,109	2,157	2,333	2,262	2,158
Liabilities:—	£	£	£	£	£	£
On shares .. .. .	33,929,716	34,902,341	34,706,963	34,051,541	33,345,012	29,710,729
To depositors and other creditors.	15,272,075	15,103,899	14,734,511	14,689,499	14,551,531	11,145,152
For balance of unappropriated profit.‡	1,675,420	1,727,759	1,773,349	1,861,325	1,816,459	1,827,390
<b>Total Liabilities ..</b>	<b>50,877,211</b>	<b>51,733,999</b>	<b>51,214,823</b>	<b>50,592,365</b>	<b>49,713,002</b>	<b>42,683,271</b>
<b>SCOTLAND.</b>						
Number of Societies making Returns.	46	45	45	49	61	89
Liabilities:—	£	£	£	£	£	£
On shares .. .. .	725,702	725,580	729,970	713,224	737,256	745,637
To depositors and other creditors.	242,549	231,313	242,198	238,939	208,704	220,788
For balance of unappropriated profit.‡	37,602	58,743	40,163	29,703	50,295	38,627
<b>Total Liabilities ..</b>	<b>1,005,853</b>	<b>1,005,636</b>	<b>1,012,331</b>	<b>981,866</b>	<b>976,255</b>	<b>1,005,052</b>
<b>IRELAND.</b>						
Number of Societies making Returns.	41	43	44	46	59	50
Liabilities:—	£	£	£	£	£	£
On shares .. .. .	699,970	635,594	680,816	552,034	647,698	576,730
To depositors and other creditors.	322,459	281,196	246,514	146,811	151,279	124,641
For balance of unappropriated profit.‡	34,402	53,790	33,299	32,904	50,457	31,837
<b>Total Liabilities ..</b>	<b>1,056,831</b>	<b>1,020,580</b>	<b>960,629</b>	<b>731,649</b>	<b>849,434</b>	<b>733,208</b>
<b>UNITED KINGDOM.</b>						
Number of Societies making Returns.	2,079	2,107	2,246	2,422	2,382	2,297
Liabilities:—	£	£	£	£	£	£
On shares .. .. .	35,355,388	36,513,515	36,118,749	35,396,799	34,739,066	31,033,096
To depositors and other creditors.	15,837,063	15,606,408	15,225,023	15,065,349	14,911,514	11,490,581
For balance of unappropriated profit.‡	1,747,424	1,840,292	1,851,811	1,920,832	1,897,211	1,897,854
<b>Total Liabilities ..</b>	<b>52,939,875</b>	<b>53,760,215</b>	<b>53,195,583</b>	<b>52,382,980</b>	<b>51,538,691</b>	<b>44,421,531</b>

\* For the years 1886 to 1894 the figures in the Table are taken from returns compiled by the Registrar of Friendly Societies from the last accounts of the Building Societies received prior to the Order of the House of Commons in each year for the return. For the years 1896 to 1901 the figures are taken from the returns presented to the House of Commons pursuant to section 27 of the Building Societies Act, 1894.

## SOCIETIES.

## AMOUNT OF LIABILITIES.

Societies Acts of 1874 and 1875, which made Returns of their Liabilities and of Friendly Societies.\*]

1894.	1895.	1896.	1897.	1898.	1899.	1900.	1901.
ENGLAND AND WALES.							
2,213	2,181	2,350	2,297	2,219	2,124	2,051	1,965
£	£	£	£	£	£	£	£
39,083,343	38,621,513	30,202,881	39,619,064	39,409,919	29,676,014	30,005,199	30,458,363
10,448,329	10,312,662	10,953,287	10,802,310	10,969,826	11,249,863	11,630,561	11,997,531
1,869,961	1,762,875	1,808,755	1,825,518	2,025,007	2,177,546	2,299,799	2,407,692
41,401,633	40,597,050	42,944,903	42,246,792	42,424,752	42,103,422	43,935,452	44,953,575
SCOTLAND.							
123	136	159	157	144	136	139	120
£	£	£	£	£	£	£	£
809,879	812,312	1,158,665	1,268,311	1,294,700	1,322,680	1,375,157	1,334,804
194,274	128,767	203,952	255,555	237,105	282,959	279,776	305,676
34,015	51,839	75,036	83,853	101,728	110,587	116,266	107,240
1,038,168	992,708	1,437,653	1,597,619	1,623,533	1,696,226	1,771,199	1,747,520
IRELAND.							
54	56	55	60	62	65	69	73
£	£	£	£	£	£	£	£
476,869	597,284	515,308	621,820	644,803	646,720	735,510	784,619
42,151	117,910	40,038	156,917	207,174	235,395	253,787	277,894
5,293	45,551	36,672	60,485	62,990	70,488	79,165	82,307
524,313	760,745	592,018	839,222	914,967	952,603	1,068,462	1,144,820
UNITED KINGDOM.							
2,300	2,378	2,564	2,514	2,425	2,325	2,239	2,167
£	£	£	£	£	£	£	£
39,370,091	39,031,109	31,976,854	31,499,095	31,349,422	31,645,414	32,115,866	32,577,575
10,684,754	10,459,339	11,177,257	11,214,682	11,424,105	11,748,216	12,164,144	12,561,101
1,909,269	1,860,055	1,920,463	1,969,866	2,169,725	2,358,621	2,495,133	2,637,239
42,964,114	42,350,503	44,974,574	44,683,643	44,963,252	45,752,251	46,775,143	47,845,915

† Figures for 1899 and 1900 cannot be given.

‡ Including reserve funds.

§ For the year 1895, returns received from Unincorporated Societies showed their liabilities to be £13,208,688; for 1896, £11,422,383; for 1897, £12,585,164; for 1898, £14,049,722; for 1899, £15,024,267 for 1900, £14,060,437; and for 1901, £14,231,927.

**REGISTERED  
GENERAL  
MEMBERSHIP AND FUNDS AT**

[ *Compiled from information supplied by*

	At 31st December, 1898.		
	Number of Societies and Branches.	Number of Members.	Funds.
<b>I.—Friendly Societies and Branches :—</b>			
England and Wales ... ..	26,463	4,833,679	29,902,848
Scotland ... ..	1,699	370,039	1,646,248
Ireland ... ..	556	77,551	127,801
Total ... ..	28,718	5,281,269	31,676,397
<b>II.—Special Classes of Friendly Societies :—</b>			
England and Wales ... ..	1,145	575,195	1,257,945
Scotland ... ..	11	4,430	67,917
Ireland ... ..	72	8,089	82,870
Total ... ..	1,228	587,714	1,408,732
<b>III.—Collecting Societies :—</b>			
England and Wales ... ..	33	4,767,964	4,175,116
Scotland ... ..	6	787,863	657,457
Ireland ... ..	...	...	...
Total ... ..	39	5,555,827	4,832,573
<b>Total, United Kingdom</b>	<b>29,985</b>	<b>11,424,810</b>	<b>37,917,702</b>

NOTE.—In the Sixth Annual Abstract of Labour Statistics, page 50, a similar of the various classes of Societies and the number of Societies and Branches on the \* Latest date for which full particulars are available at time of going to press. are as follows :—

—	
Friendly Societies and Branches .. .. .	.. .. .
Special classes of Friendly Societies .. .. .	.. .. .
Collecting Societies.. .. .	.. .. .
<b>Total United Kingdom .. .. .</b>	<b>.. .. .</b>

## FRIENDLY SOCIETIES.

### SUMMARY.

DECEMBER 31ST, 1898 and 1899.\*

[*the Chief Registrar of Friendly Societies.*]

At 31st December, 1899.			
Number of Societies and Branches.	Number of Members.	Funds.	
		£	<b>I.—Friendly Societies and Branches:—</b>
24,317	4,820,530	30,761,649	England and Wales.
1,781	346,715	1,822,231	Scotland.
333	50,016	167,989	Ireland
26,431	5,217,261	32,751,869	Total.
			<b>II.—Special Classes of Friendly Societies:—</b>
1,195	598,094	1,366,748	England and Wales.
13	4,822	74,445	Scotland.
100	12,338	86,871	Ireland.
1,308	610,254	1,528,064	Total.
			<b>III.—Collecting Societies:—</b>
40	5,094,819	4,511,150	England and Wales.
6	827,796	696,536	Scotland.
...	...	...	Ireland.
46	5,922,815	5,207,686	Total.
27,785	11,750,130	39,487,619	Total, United Kingdom.

Table is given for the year 1897 with particulars of the Income and Expenditure Register in that year. These particulars for the year 1899 are not available. Total figures, however, are available for the year ending 31st December, 1901, and

No.	Members.	Funds.
37,005	5,479,892	£ 35,572,740
1,489	648,491	1,686,656
46	6,674,005	5,973,104
28,520	12,807,378	43,232,500

## MEMBERSHIP AND INCOME OF

[Compiled from information]

Year.	AFFILIATED ORDERS.						
	Manchester Unity Odd-fellowa.	A.O. Foresters.	I.O. Rechabites, Salford Unity.	L.O.A. Shepherds, Ashton Unity.	National Independent Odd-fellowa.	N.U.O. Free Gardeners.	U.A.O. Druida.
<b>Adult Male Membership</b>							
1886	550,729	594,921	67,722	66,379	52,201	44,709	27,550
1887	558,394	604,906	71,023	67,783	52,739	44,629	28,646
1888	568,812	615,192	78,057	83,065	52,922	45,069	30,045
1889	579,297	625,677	88,667	88,983	53,984	49,447	31,168
1890	594,866	639,728	95,074	95,947	55,006	52,061	31,994
1891	612,062	647,648	103,285	101,796	55,576	53,166	33,817
1892	627,209	655,178	113,097	105,585	56,282	54,044	35,998
1893	637,856	657,909	120,437	105,840	56,674	54,228	36,077
1894	653,641	668,868	100,601	107,525	57,328	55,113	38,405
1895	665,233	654,628	103,045	109,762	58,283	55,515	39,732
1896	682,815	662,790	113,972	113,869	59,740	57,555	41,440
1897	698,323	656,919	119,169	115,409	60,691	58,657	42,976
1898	711,769	654,189	124,671	115,550	61,515	59,769	44,526
1899	724,523	659,307	130,201	118,338	62,028	61,263	46,858
1900	736,181	663,232	137,316	121,064	62,179	61,623	47,261
1901	744,640	666,313	144,291	123,357	62,779	62,153	50,330
<b>Yearly Income (exclusive of foreign branches)</b>							
	£	£	£	£	£	£	£
1886	999,754	892,613	80,539	87,565	54,035	62,156	39,062
1887	904,090	922,405	84,976	93,006	56,981	62,658	36,087
1888	1,020,662	938,163	107,141	106,583	57,632	64,189	37,790
1889	1,047,966	942,235	117,476	121,562	61,573	70,893	39,320
1890	1,077,498	966,474	128,594	129,325	60,796	73,285	38,185
1891	1,013,229	1,000,980	154,132	137,645	59,097	77,168	42,669
1892	1,148,267	1,025,361	164,581	146,100	59,990	77,215	45,787
1893	1,163,619	1,058,518	172,073	149,016	59,399	77,134	47,517
1894	1,306,093	1,094,166	131,939	152,598	50,513	78,769	49,636
1895	1,224,048	1,090,412	203,241	159,173	55,217	80,759	51,639
1896	1,259,115	1,306,656	204,422	164,390	60,106	81,033	53,726
1897	1,294,233	1,240,559	182,765	168,435	54,178	85,170	60,996
1898	1,342,083	1,240,668	201,378	171,371	62,114	86,818	56,919
1899	1,359,993	1,301,998	210,321	178,434	61,590	88,195	64,645
1900	1,390,124	1,354,619	217,041	187,756	63,999	92,455	74,772
1901	1,422,965	1,321,574	173,491	189,290	63,550	93,557	68,615

\* A secession of 10,000 members took place in this year.

FRIENDLY SOCIETIES.

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CERTAIN FRIENDLY SOCIETIES.

*especially supplied by the Societies.]*

AFFILIATED ORDERS.				CENTRALISED SOCIETIES.			Year.
The Order of Druids.	R.O.A. Free Gardeners.	Nottingham Order of Odd-fellows.	The Sons of Temperance. †	Hearts of Oak.	Rational Association.	National Deposit Friendly Society. †	
(exclusive of foreign branches).							
41,657	15,245	41,183	22,123	111,424	57,740	5,350	1886
43,068	15,429	41,163	22,261	115,284	61,453	5,754	1887
46,565	18,441	41,475	23,740	122,942	65,001	6,335	1888
48,090	22,364	41,831	25,089	130,991	68,292	6,825	1889
51,661	25,945	42,578	26,663	140,722	72,593	7,648	1890
41,874*	28,980	42,866	28,612	153,269	75,915	9,004	1891
42,191	31,188	43,065	29,611	168,732	80,919	10,139	1892
43,566	34,550	42,309	30,862	184,006	84,698	11,632	1893
43,702	35,075	41,531	32,851	200,365	75,164	13,351	1894
44,460	37,356	41,521	34,894	205,748	77,406	16,290	1895
47,670	40,231	41,440	37,619	312,536	80,620	20,020	1896
50,551	42,388	41,705	40,466	230,896	84,356	25,396	1897
51,926	43,104	41,712	42,775	229,416	86,873	35,308	1898
58,814	44,388	41,842	46,443	239,075	88,336	45,804	1899
62,185	45,354	41,952	49,267	248,025	89,741	56,120	1900
65,330	46,865	41,303	54,188	257,125	99,739	68,400	1901
and of "Female" and "Juvenile" funds).							
£ 66,589	£ 19,818	£ 52,542	£ 31,221	£ 253,095	£ 53,632‡	£ 8,630	1886
68,908	20,590	52,527	32,005	260,774	57,532‡	9,309	1887
68,744	23,055	52,764	34,140	277,318	59,268‡	10,286	1888
69,736	30,073	52,979	34,689	290,174	69,519	11,468	1889
77,045	32,923	53,324	38,428	312,962	77,792	12,863	1890
67,017*	37,448	53,769	39,710	337,868	82,243	15,071	1891
61,443	40,421	53,942	41,894	362,179	91,553	18,456	1892
60,650	43,797	53,597	43,904	395,097	96,043	20,101	1893
64,682	52,673	52,960	46,516	432,672	99,928	22,895	1894
60,904	51,233	52,949	47,990	458,529	105,820	35,673	1895
67,549	54,967	52,865	49,789	472,000	111,023	36,952	1896
67,393	57,915	52,960	55,263	491,226	115,699	43,334	1897
71,052	65,439	53,000	59,560	517,592	124,522	59,497	1898
76,330	68,831	§	63,760	542,407	126,237	84,712	1899
78,131	71,682	53,018	67,631	565,716	132,112	102,193	1900
82,809	74,178	53,520	76,451	579,496	133,335	120,628	1901

† The figures given for this Society include both males and females.

‡ Medical aid receipts are not included in these years.

§ Cannot be stated.

## TOTAL FUNDS AND BENEFITS OF

Year.	AFFILIATED ORDERS.						
	Man- chester Unity Odd- fellows.	A.O. Foresters.	I.O. Recha- bitcs. Salford Unity.	L.O.A. Shepherd, Ashton Unity.	National Independent Odd- fellows.	N.U.O. Free Gardeners.	U.A.O. Druids.
<b>Total Accumulated Funds (exclusive of foreign</b>							
	£	£	£	£	£	£	£
1886	5,865,370	3,431,561	384,477	186,439	174,525	121,980	123,108
1887	5,880,646	3,671,826	401,429	197,178	183,016	131,168	132,575
1888	6,068,276	3,837,328	455,498	219,303	189,305	125,481	133,883
1889	6,304,688	4,012,948	498,657	330,024	198,709	139,940	140,970
1890	6,490,680	4,155,474	531,973	346,503	201,795	142,320	146,877
1891	6,634,430	4,266,562	583,046	365,503	204,109	146,328	150,097
1892	6,882,110	4,422,113	639,855	392,124	212,478	151,899	156,398
1893	7,090,520	4,561,530	687,698	414,805	224,099	157,651	169,275
1894	7,382,303	4,775,759	730,261	443,936	230,315	163,027	170,658
1895	7,623,043	4,940,762	787,155	467,856	241,941	162,215	175,929
1896	7,928,882	5,066,788	788,853	502,984	251,558	174,305	184,856
1897	8,256,489	5,327,476	790,847	527,896	264,094	176,590	196,396
1898	8,552,707	5,501,583	795,760	564,293	272,143	185,116	206,290
1899	8,802,134	5,747,029	795,974	601,419	283,066	192,362	215,053
1900	9,161,789	5,965,366	796,151	644,715	298,499	199,928	225,401
1901	9,513,919	6,219,121	788,321	689,743	308,500	203,251	245,445
<b>Total Benefits of all kinds paid on account</b>							
	£ <sup>*</sup>	£	£	£	£	£	£ <sup>†</sup>
1886	597,704	661,522	50,064	63,191	52,968	47,381	25,582
1887	608,709	669,468	56,456	64,530	54,910	47,379	26,997
1888	613,869	680,900	64,290	73,500	43,276	47,568	28,063
1889	598,626	675,990	69,110	79,045	45,698	50,933	28,005
1890	679,179	748,225	77,342	92,573	51,331	55,685	31,581
1891	701,075	770,330	88,434	99,129	44,846	58,642	33,795
1892	713,686	783,338	92,036	100,591	52,704	56,858	32,372
1893	706,531	779,620	104,039	105,534	53,130	58,902	35,875
1894	690,262	733,957	77,164	98,000	45,589	63,052	34,041
1895	726,096	795,722	142,313	112,000	44,907	77,089	39,563
1896	706,593	731,072	142,416	105,859	43,245	73,282	37,195
1897	748,540	773,360	108,771	111,099	42,234	77,503	41,310
1898	762,596	781,106	143,702	106,659	46,392	76,495	41,668
1899	792,963	828,713	153,214	116,818	50,440	81,756	44,528
1900	851,140	859,352	152,748	122,501	52,670	86,673	46,549
1901	798,346	814,480	171,243	116,382	46,035	83,384	58,896

\* Medical aid benefits are not included.

† Including Medical and Distress benefits.

‡ A secession of 10,000 members took place in this year.



FRIENDLY SOCIETIES.

CERTAIN FRIENDLY SOCIETIES—1886-1901.

AFFILIATED ORDERS.				CENTRALISED SOCIETIES.			Year.
The Order of Druids.	B.O.A. Free Gardeners.	Nottingham Order of Odd-fellows.	The Sons of Temperance. §	Hearts of Oak.	Rational Association.	National Deposit Friendly Society. §	
branches and of "Female" and "Juvenile" Funds).							
£	£	£	£	£	£	£	
139,390	20,287	201,101	71,814	832,231	159,944	28,392	1886
143,032	26,340	202,174	78,291	907,468	173,027	31,317	1887
154,151	31,203	204,016	82,704	989,371	182,489	35,131	1888
155,706	38,209	206,353	91,331	1,061,245	199,363	39,568	1889
161,044	43,693	206,439	97,736	1,157,518	207,634	43,805	1890
124,365	50,376	201,822	105,052	1,236,111	219,467	49,342	1891
109,936	58,759	201,405	113,922	1,311,438	232,252	55,951	1892
114,507	66,068	200,729	120,705	1,391,913	246,963	62,596	1893
118,800	75,482	200,209	131,724	1,508,198	244,370	70,740	1894
120,806	84,870	200,737	141,496	1,608,224	259,736	88,940	1895
124,713	98,268	201,838	155,994	1,741,754	282,277	106,077	1896
124,732	110,900	197,182	169,401	1,876,701	301,152	128,073	1897
129,130	125,527	198,199	182,547	2,032,016	324,190	159,578	1898
130,898	141,152	208,524	195,778	2,175,072	346,481	199,293	1899
143,067	155,025	208,475	209,703	2,325,373	368,337	241,498	1900
149,752	175,567	209,529	229,384	2,493,375	394,982	265,992	1901
of Male Adults    (exclusive of foreign branches).							
£	£	£	£	£	£	£	
42,954	11,248	41,016	18,818	176,038	36,446†	2,042	1886
42,175	11,384	42,012	19,835	173,728	37,105†	2,127	1887
44,947	12,346	41,908	19,707	181,224	40,868†	2,123	1888
44,023	13,568	40,577	20,268	184,667	44,281	2,256	1889
50,382	17,853	41,641	23,502	219,688	57,584	3,290	1890
43,200‡	21,176	45,378	26,291	241,552	61,287	3,646	1891
40,873	22,001	46,023	25,567	266,699	68,962	4,390	1892
43,622	25,650	42,577	27,683	293,584	70,661	4,883	1893
45,577	25,489	38,818	24,336	286,486	69,421	5,402	1894
44,479	28,035	43,312	30,616	330,567	78,717	6,255	1895
47,966	27,529	39,884	27,590	306,157	77,119	6,623	1896
49,148	30,073	40,651	31,143	328,256	85,282	8,381	1897
51,926	32,566	43,521	34,022	329,466	89,403	11,006	1898
57,388	36,189	42,062	36,096	361,189	89,185	14,944	1899
66,625	36,575	43,832	38,890	377,343	96,913	20,761	1900
60,777	37,011	40,544	43,718	374,990	93,649	22,642	1901

‡ The figures given for this Society include both males and females.  
 † Including funeral benefits on account of deaths of wives or widows.  
 ‡ Medical aid benefits are not included in these years.

## FRIENDLY SOCIETIES.

## SICK AND FUNERAL BENEFITS PAID BY

Year.	AFFILIATED ORDERS.						
	Man- chester Unity Odd- fellows.	A.O. Foresters.	I.O. Recha- bites, Salford Unity.	L.O.A. Shepherds, Ashton Unity.	National Independ- ent Odd- fellows.	N.U.O. Free Gardeners.	U.A.O. Druids.
<b>Total Amount of Sick Benefit paid to Male</b>							
1886	£ 466,559	£ 452,505	£ 32,129	£ 43,816	£ 48,952*	£ 47,342*	£ 16,592
1887	472,960	456,799	40,925	44,750	50,578*	47,341*	17,539
1888	479,277	467,442	47,332	51,341	26,296	47,538*	18,444
1889	466,590	466,729	49,713	53,092	29,781	50,903*	17,962
1890	523,702	521,080	56,768	61,961	32,794	55,660*	20,394
1891	538,953	530,865	68,018	67,241	26,349	58,577*	22,389
1892	554,705	547,623	70,788	69,619	33,820	56,633*	21,215
1893	547,777	541,556	81,948	73,871	32,781	58,967*	24,026
1894	544,896	512,169	57,333	67,489	32,642	36,137	23,301
1895	594,041	565,285	98,268	78,071	30,594	39,909	26,700
1896	553,898	511,396	96,859	72,619	32,838	38,502	24,446
1897	590,461	545,199	77,856	77,665	34,437	39,916	27,357
1898	599,934	548,464	98,750	74,223	45,178	41,249	26,484
1899	620,662	575,937	100,632	79,518	37,170	43,036	29,569
1900	657,200	598,858	92,579	83,683	39,322	42,892	32,122
1901	623,554	562,170	97,109	82,217	36,192	40,380	36,686
<b>Total Amount paid for Funeral Benefit on account of Members,</b>							
1886	£ 103,658	£ 104,425	£ 9,894	£ 12,158	£ †	£ †	£ 5,122
1887	103,960	104,141	7,110	12,454	†	†	5,346
1888	102,151	104,740	8,086	13,201	9,490	†	5,747
1889	101,517	99,964	9,187	15,151	9,953	†	5,635
1890	116,961	116,118	9,905	18,190	12,536	†	6,599
1891	124,097	126,399	10,164	19,522	13,171	†	6,617
1892	117,295	120,406	9,850	17,752	12,358	†	6,054
1893	119,970	123,823	11,629	18,845	13,654	†	6,373
1894	107,498	110,044	9,284	16,741	12,947	8,277	6,147
1895	120,205	118,586	14,041	18,554	10,886	9,501	6,894
1896	111,094	111,234	13,805	18,094	10,356	8,924	5,402
1897	116,664	117,667	10,874	18,072	11,746	9,371	7,550
1898	120,877	121,488	11,209	18,630	11,214	9,525	6,371
1899	127,807	122,165	13,510	21,746	13,719	10,612	7,991
1900	142,244	139,040	11,062	22,916	13,348	11,266	6,972
1901	127,243	122,291	19,748	19,462	9,744	10,393	6,565

\* Including Funeral benefit.

† Amount of Funeral benefit included with Sick benefit.

## CERTAIN FRIENDLY SOCIETIES—1886-1901.

AFFILIATED ORDERS.				CENTRALISED SOCIETIES.			Year.
The Order of Druids.	E.O.A. Free Gardeners.	Nottingham Order of Odd-fellows.	The Sons of Temperance. ‡	Hearts of Oak.	National Association.	National Deposit Friendly Society. †	
Adults (exclusive of foreign branches).							
£	£	£	£	£	£	£	
31,500	7,512	30,754	15,892	118,748	28,862	1,789	1886
30,487	8,380	30,482	16,762	115,108	28,814	1,885	1887
33,247	9,042	30,813	18,212	122,546	31,408	1,754	1888
33,340	10,077	29,438	17,166	124,645	29,911	1,890	1889
36,842	13,112	30,350	20,483	155,786	38,633	2,807	1890
30,871‡	16,064	32,663	21,809	169,801	39,541	3,079	1891
28,786	16,771	31,855	21,442	194,518	46,667	3,764	1892
31,806	19,714	31,098	22,995	211,719	46,529	4,266	1893
34,278	19,736	28,867	21,247	205,344	47,813	4,690	1894
35,056	23,764	31,874	25,911	244,111	54,452	5,409	1895
38,197	23,106	27,920	23,146	215,690	52,547	5,870	1896
38,198	25,462	29,965	26,662	231,685	58,836	7,191	1897
39,428	25,904	30,148	28,723	237,189	61,229	9,873	1898
40,028	28,925	39,575	31,413	269,987	62,461	13,481	1899
40,528	30,620	31,028	33,902	274,010	68,070	18,843	1900
45,258	31,184	29,015	37,751	273,476	66,271	20,499	1901
Wives, and Widows (exclusive of foreign branches).							
£	£	£	£	£	£	£	
11,454	2,845	10,262	2,698	24,373	6,879	90	1886
11,688	3,002	11,530	2,755	24,992	7,811	89	1887
11,700	3,303	11,095	3,190	25,682	7,965	98	1888
11,633	3,511	11,144	3,711	26,756	7,440	104	1889
13,540	4,740	11,291	3,739	31,104	8,292	116	1890
12,329‡	5,112	12,715	4,097	35,761	10,221	182	1891
12,077	5,289	11,668	3,624	34,559	10,007	213	1892
11,816	5,984	11,479	4,115	40,641	11,205	237	1893
11,299	5,733	9,951	3,107	33,735	9,770	234	1894
9,428	6,459	11,438	4,214	40,064	10,963	201	1895
9,769	6,326	9,964	3,901	41,118	11,522	240	1896
10,950	6,721	10,666	3,817	44,866	12,451	294	1897
10,695	6,662	13,373	4,700	44,001	12,214	363	1898
10,347	5,585	11,507	3,982	51,281	12,851	450	1899
10,625	5,955	12,804	4,880	56,477	13,145	720	1900
12,530	5,247	11,531	5,053	53,689	11,797	923	1901

‡ A secession of 10,000 members took place in this year.

† The figures given for this Society include both males and females.

## SICKNESS AND MORTALITY EXPERIENCE.

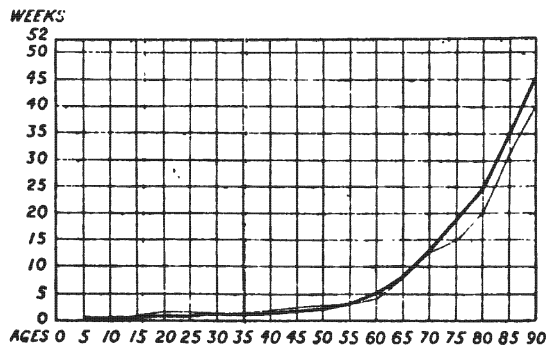
Comparison of the Adjusted Rates of Sickness and Mortality according to the under-mentioned Tables.

Age.	New Standard Table.*			Oddfellows (Manchester Unity). Males, 1866-70.	Foresters (Ancient Order). Males, 1871-75.	Age.
	Males.		Females.			
	Wales, 1856-75. (1.)	England and Wales, 1876-80. (2.)	England and Wales, 1856-75. (3.)			
<b>SICKNESS.—Number of Weeks' Sickness per Member per Annum at each Age stated.</b>						
20	1·07	·89	1·01	·65	·85	20
30	1·08	·96	1·22	·86	·91	30
40	1·88	1·37	1·74	1·15	1·27	40
50	2·06	2·18	2·43	1·96	1·95	50
60	4·17	4·32	3·49	3·98	3·87	60
70	14·74	12·24	12·42	10·38	10·37	70
80	32·99	25·07	19·45	20·72	21·50	80
90	43·78	44·95	40·19	...	...	90
<b>MORTALITY.—Number Dying per Annum out of 100 Members at each Age stated.</b>						
20	·79	·70	·77	·58	·73	20
30	·95	·71	·86	·80	·81	30
40	1·08	1·07	1·09	1·12	1·21	40
50	1·66	1·73	1·20	1·67	1·87	50
60	2·90	3·40	2·45	3·11	3·37	60
70	6·28	7·23	6·14	6·74	7·20	70
80	15·32	14·34	14·39	13·94	14·19	80
90	31·60	27·10	31·44	26·92	26·41	90

## Average amount of Sickness at different Ages.\*

Chart showing the number of weeks' Sickness per member per annum, at each age from 5 to 90, based on the experience of Registered Friendly Societies. (See Columns 2 and 3 of Table above.)

Males (1876-80) ——— thick line. Females (1856-75) ——— thin line.



\* Compiled from Special Report on Sickness and Mortality experienced in Registered Friendly Societies, together with certain Monetary Tables based thereon, by the Actuary to the Registry of Friendly Societies (Central Office). H. C. 303 · 1890.

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§ VII.—POPULATION—GROWTH AND MOVEMENT.

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## GROWTH AND MOVEMENT OF POPULATION.

## ESTIMATED POPULATION\* OF THE UNITED KINGDOM.

[Based on information supplied by the Registrars-General of England, Scotland and Ireland.]

Middle of Year.	England and Wales.	Scotland.	Ireland.	Total for United Kingdom.	Middle of Year.
1886	27,522,532	3,885,155	4,905,895	36,313,582	1886
1887	27,827,706	3,914,818	4,857,119	36,599,143	1887
1888	28,136,258	3,943,701	4,801,312	36,881,271	1888
1889	28,448,239	3,973,305	4,757,385	37,178,929	1889
1890	28,763,673	4,003,132	4,717,959	37,484,764	1890
1891	29,090,211	4,036,245	4,680,317	37,806,773	1891
1892	29,441,251	4,073,910	4,633,515	38,153,676	1892
1893	29,792,731	4,122,029	4,606,935	38,521,695	1893
1894	30,144,570	4,165,606	4,588,499	38,898,675	1894
1895	30,496,737	4,209,645	4,558,941	39,265,323	1895
1896	30,849,162	4,254,153	4,540,832	39,644,147	1896
1897	31,201,830	4,299,132	4,523,454	40,029,416	1897
1898	31,554,698	4,344,589	4,516,781	40,416,068	1898
1899	31,907,762	4,390,530	4,500,470	40,798,762	1899
1900	32,261,013	4,436,958	4,466,326	41,164,297	1900
1901	32,619,448	4,483,880	4,443,370	41,546,698	1901
1902	32,995,614	4,531,299	4,425,597	41,952,510	1902

\* Exclusive of the Army, Navy and Merchant Seamen abroad.

## BIRTHS, DEATHS AND MARRIAGES.

[Based on Returns from the Registrars-General of England, Scotland, and Ireland.]

Years.	England & Wales.	Scotland.	Ireland.	Total.	Years.
<b>BIRTHS.</b>					
1886	903,866	127,890	113,927	1,145,683	1886
1887	886,331	124,418	112,400	1,123,149	1887
1888	879,868	123,269	109,557	1,112,694	1888
1889	885,944	122,783	107,841	1,116,568	1889
1890	869,937	121,526	105,254	1,096,717	1890
1891	914,157	125,986	108,116	1,148,259	1891
1892	897,957	125,043	104,234	1,127,234	1892
1893	914,572	127,110	106,082	1,147,764	1893
1894	890,289	124,367	105,354	1,120,010	1894
1895	922,291	126,494	106,113	1,154,898	1895
1896	915,331	129,172	107,641	1,152,144	1896
1897	921,693	128,877	106,664	1,157,234	1897
1898	923,165	130,861	105,457	1,159,483	1898
1899	928,646	130,783	103,900	1,163,279	1899
1900	927,062	131,401	101,459	1,159,922	1900
1901	929,807	132,178	100,976	1,162,961	1901
1902	942,819	132,250	102,080	1,177,149	1902
<b>DEATHS.</b>					
1886	537,276	73,640	87,292	698,208	1886
1887	530,758	74,546	88,585	693,889	1887
1888	510,971	71,174	85,868	668,013	1888
1889	518,353	73,238	82,908	674,499	1889
1890	562,248	79,004	85,850	727,102	1890
1891	587,925	83,573	85,999	757,497	1891
1892	559,684	75,545	90,044	725,273	1892
1893	569,958	79,670	82,821	732,449	1893
1894	498,827	71,118	83,528	653,468	1894
1895	568,997	81,852	84,395	735,244	1895
1896	526,727	70,677	75,700	673,104	1896
1897	541,487	79,144	83,839	704,470	1897
1898	552,141	78,397	82,404	712,942	1898
1899	581,799	79,593	79,699	741,091	1899
1900	537,830	82,296	87,606	757,732	1900
1901	551,585	80,103	79,119	710,807	1901
1902	537,080	77,946	77,868	692,894	1902
<b>MARRIAGES.</b>					
1886	196,071	24,515	20,594	241,180	1886
1887	200,518	24,876	20,945	246,339	1887
1888	203,821	25,305	20,060	249,186	1888
1889	213,865	26,344	21,521	261,730	1889
1890	223,028	27,469	20,990	271,487	1890
1891	226,526	27,969	21,475	275,970	1891
1892	227,135	28,670	21,530	277,335	1892
1893	218,689	27,145	21,714	267,548	1893
1894	226,449	27,604	21,602	275,655	1894
1895	228,204	28,422	23,120	279,746	1895
1896	242,764	30,270	23,055	296,089	1896
1897	249,145	31,050	22,891	303,086	1897
1898	255,379	32,112	22,580	310,071	1898
1899	262,334	32,978	22,311	317,623	1899
1900	257,480	32,444	21,330	311,254	1900
1901	259,400	31,360	22,564	313,324	1901
1902	261,370	31,877	22,401	315,648	1902

**EMIGRATION.—DESTINATION\* OF EMIGRANTS.**

[Compiled from the Annual Reports of Board of Trade on Emigration and Immigration.]

Years.	Number of Passengers, of British and Irish Origin, from the United Kingdom to					
	United States.	British North America.	Australia and New Zealand.	South Africa.	Other Places out of Europe.	Total.
1887	201,526	32,025	34,183	4,909	8,844	281,487
1888	195,986	34,853	31,127	6,466	11,496	279,928
1889	168,771	28,269	28,294	13,884	14,577	253,795
1890	152,413	22,520	21,179	10,321	11,683	218,116
1891	156,395	21,578	19,517	9,090	11,897	218,507
1892	150,039	23,254	15,950	9,891	10,908	210,042
1893	143,949	24,732	11,203	13,097	10,833	208,814
1894	104,001	17,459	10,917	13,177	10,476	156,030
1895	126,502	16,622	10,567	20,234	11,256	185,181
1896	98,921	15,267	10,354	24,594	12,789	161,925
1897	85,324	15,571	12,061	21,109	12,395	146,460
1898	80,494	17,640	10,693	19,756	12,061	140,644
1899	92,482	16,410	11,467	14,432	11,571	146,362
1900	102,797	18,443	14,922	20,815	11,848	168,825
1901	104,195	15,757	15,350	23,143	13,270	171,715
1902	108,498	26,293	14,345	43,206	13,320	205,662

\* The "Destination" given is the country in which the passenger contracts to land, and not necessarily the ultimate destination.



## EMIGRATION.—NATIONALITY OF EMIGRANTS.

[Compiled from the Annual Reports of Board of Trade on Emigration and Immigration.]

Years.	Number of Passengers that left the United Kingdom for Countries out of Europe.						Total.
	English.	Scottish.	Irish.	Total of British and Irish.	Foreigners.	Nationality not distinguished.	
1887	168,221	34,365	78,901	281,487	108,572	6,435	396,464
1888	170,822	35,873	73,233	279,928	115,230	5,536	396,464
1889	163,518	25,354	64,923	253,795	83,466	5,580	342,841
1890	139,979	20,653	57,484	218,116	94,515	3,349	315,980
1891	137,881	22,180	58,436	218,507	112,275	3,761	334,543
1892	133,815	23,325	52,902	210,042	107,351	4,004	321,397
1893	134,045	22,637	52,132	208,814	95,123	3,696	307,633
1894	99,590	14,432	42,008	156,030	67,033	3,765	228,827
1895	112,538	18,294	54,349	185,181	82,818	3,773	271,772
1896	102,837	16,966	42,222	161,925	76,015	4,012	241,952
1897	94,658	16,124	35,678	146,460	62,932	3,888	213,280
1898	90,679	15,570	34,395	140,644	60,551	3,976	205,171
1899	87,400	16,072	42,690	146,162	90,020	4,314	240,696
1900	102,448	20,472	45,905	168,825	124,722	5,014	298,561
1901	111,585	20,920	39,210	171,715	124,354	6,506	302,575
1902	137,121	26,265	42,256	205,642	174,291	6,236	396,779

## IMMIGRANTS FROM COUNTRIES OUT OF EUROPE.

[Compiled from the Annual Reports of Board of Trade on Emigration and Immigration.]

Years.	British and Irish.	Foreigners.	Nationality not distinguished.	Total.
1887	85,475	32,008	1,530	119,013
1888	94,133	33,895	851	128,879
1889	103,070	43,122	1,206	147,398
1890	109,470	44,663	1,777	155,910
1891	103,087	47,197	1,135	151,369
1892	97,780	44,673	1,294	143,747
1893	102,119	37,634	1,301	141,054
1894	118,309	66,129	1,361	185,799
1895	109,418	64,803	1,453	175,674
1896	101,742	56,509	1,662	159,913
1897	95,221	57,994	1,899	155,114
1898	91,248	46,362	1,736	139,346
1899	100,246	59,576	2,239	162,111
1900	97,637	74,681	3,429	175,747
1901	99,699	60,736	4,533	165,018
1902	104,115	62,159	4,600	170,874

## BALANCE OF BRITISH AND IRISH PASSENGER MOVEMENT.

[Compiled from the Annual Reports of Board of Trade on Emigration and Immigration.]

Years.	British and Irish Emigrants to Countries out of Europe.	British and Irish Immigrants from Countries out of Europe.	Net Emigration.*	
			Numbers.	Proportion per Cent. of Total Population of United Kingdom.
1887	281,487	85,475	196,012	0·54
1888	279,928	94,133	185,795	0·50
1889	253,795	103,070	150,725	0·41
1890	218,116	109,470	108,646	0·29
1891	218,507	103,037	115,470	0·31
1892	210,042	97,780	112,262	0·29
1893	208,814	102,119	106,695	0·28
1894	156,030	118,309	37,721	0·10
1895	185,181	109,418	75,763	0·19
1896	161,925	101,742	60,183	0·15
1897	146,460	95,221	51,239	0·13
1898	140,644	91,248	49,396	0·12
1899	146,362	100,246	46,116	0·11
1900	163,325	97,637	71,188	0·17
1901	171,715	99,699	72,016	0·17
1902	205,662	104,115	101,547	0·24

\* i.e., Recorded immigration deducted from recorded emigration.

## ALIEN IMMIGRANTS FROM EUROPE.

[Compiled from the Annual Reports of Board of Trade on Emigration and Immigration.]

Nationality of Aliens who were not stated in the Alien Lists to be en route to places abroad.	1894.	1895.	1896.	1897.	1898.	1899.	1900.	1901.	1902.
Russians and Poles ..	7,482	10,204	12,775	14,775	15,248	20,208	25,033	20,914	28,511
Norwegians, Swedes, and Danes.	4,174	3,700	4,437	4,617	4,775	5,095	5,796	4,725	5,028
Germans .. .. .	6,229	5,665	5,557	5,496	5,886	5,926	5,799	6,790	6,965
Dutch .. .. .	1,138	1,261	1,517	1,466	1,820	2,105	2,171	2,199	2,456
French .. .. .	4,077	3,849	3,948	4,477	4,567	4,861	4,821	5,816	6,637
Austrians and Hungarians	911	865	1,246	1,306	1,941	2,548	3,074	2,343	3,144
Italians .. .. .	2,452	2,738	3,448	4,061	4,224	5,553	7,707	7,185	7,734
Other Nationalities ..	2,219	2,226	2,522	2,651	2,524	3,930	7,504†	5,513‡	5,996
Total.. .. .	28,682*	30,528*	35,448*	38,851*	40,785*	50,884*	62,505†	55,464*‡	66,471‡
Seamen .. .. .	9,821	9,894	10,461	10,762	12,259	13,362	14,950	15,146	15,062
Aliens stated in the Alien Lists to be en route to places abroad.	35,511	44,637	40,036	38,221	38,777	49,047	71,682	79,140	118,476

\* These are the numbers shown in the alien lists obtained under Act 6 Will. 4. c. 11, and comprise practically all the aliens from Europe that might settle in the United Kingdom, but it will be understood that they do not all settle here.

† Of these 3,216 were from Roumania.

‡ Of these 1,162 were from Roumania.

§ Including 40 aliens whose nationality was not ascertained.

|| Of these, 1,232 were from Roumania.

## BALANCE OF TOTAL PASSENGER MOVEMENT.

[Compiled from the Annual Reports of Board of Trade on Emigration and Immigration.]

	TOTAL NUMBER OF PASSENGERS.								
	1894.	1895.	1896.	1897.	1898.	1899.	1900.	1901.	1902.
<b>United Kingdom and Europe</b>									
From Europe .. .. .	490,330	522,449	518,869	537,000	620,123	666,230	748,725	702,555	773,634
To Europe .. .. .	477,318	493,946	479,913	509,150	590,226	609,570	669,292	613,843	636,311
Excess from Europe .. .. .	13,012	28,503	38,956	17,850	29,897	56,660	79,433	88,712	137,313
<b>United Kingdom and Countries out of Europe.</b>									
From United Kingdom .. .. .	226,827	271,772	241,952	213,290	205,171	240,696	298,561	302,575	336,779
To United Kingdom .. .. .	185,799	175,674	159,913	155,114	139,346	162,111	175,747	165,018	170,874
Excess from United Kingdom	41,028	96,098	82,039	58,176	65,825	78,585	122,814	137,557	215,905
<b>Grand Total.</b>									
From United Kingdom .. .. .	704,145	765,718	721,865	782,430	795,397	850,266	967,853	916,418	1,023,090
To United Kingdom .. .. .	676,129	668,123	678,782	742,114	759,469	828,341	824,472	807,573	944,486
Excess from United Kingdom	28,016	97,595	43,083	40,316	35,928	21,925	143,381	108,845	78,604
<i>Excess of British and Irish Emigrants over Immigrants, as in second Table on page 130</i>	37,721	75,763	60,183	51,239	49,396	46,116	71,168	72,016	101,547

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§ VIII.—HOUSING, AGES, AND OCCUPATIONS OF  
THE PEOPLE.

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## HOUSING OF THE PEOPLE.—CENSUS OF 1891.

## CLASSIFICATION OF ALL TENEMENTS.\*—ENGLAND AND WALES.

(Compiled from the Census Reports for 1891.)

Tenements with	Total Number of Tenements.	Percentage of all Tenements.	Total Number of Occupants.	Percentage of Population in each Group of Tenements.	Average Number of Occupants per Room.
<i>Urban Districts.†</i>					
1 room‡ ... ..	270,252	6·16	604,355	2·89	2·24
2 rooms ... ..	552,516	12·59	1,958,933	9·38	1·77
3 rooms ... ..	552,679	12·60	2,411,589	11·54	1·45
4 rooms ... ..	981,665	22·38	4,684,913	22·42	1·19
5 or more rooms ...	2,030,199	46·27	11,235,714	53·77	...
Total in Urban } Districts ... }	4,387,311	100·00	20,895,504	100·00	...
<i>Rural Districts.†</i>					
1 room‡ ... ..	16,694	0·96	36,055	0·44	2·16
2 rooms ... ..	144,806	8·30	457,684	5·65	1·58
3 rooms ... ..	204,077	11·70	815,875	10·06	1·33
4 rooms ... ..	483,016	27·70	2,129,156	26·26	1·10
5 or more rooms ...	895,097	51·34	4,668,251	57·59	...
Total in Rural } Districts ... }	1,743,690	100·00	8,107,021	100·00	...
<i>Summary for all Districts.</i>					
1 room‡ ... ..	286,946	4·7	640,410	2·2	2·23
2 rooms ... ..	697,322	11·4	2,416,617	8·3	1·73
3 rooms ... ..	756,756	12·3	3,227,464	11·1	1·42
4 rooms ... ..	1,464,681	23·9	6,814,069	23·5	1·16
5 or more rooms ...	2,925,296	47·7	15,903,965	54·9	...
Total in all } Districts ... }	6,131,001	100·0	29,002,525	100·0	...

\* *i.e.*, "any house or part of a house separately occupied by the owner or by a tenant" (General Report on Census, Vol. IV.).

† All Urban Sanitary Districts or Rural Sanitary Districts respectively.

‡ Persons returned as living in barns, sheds, caravans, or barges, were classed as occupying tenements of 1 room.

**CLASSIFICATION OF OVERCROWDED TENEMENTS.\*—ENGLAND  
AND WALES.**

*(Compiled from the Census Reports for 1891.)*

Tenements with	Number of Overcrowded Tenements.	Number of Occupiers of such Tenements.	Percentage of Population in each District in such Tenements.
<i>Urban Districts.†—Total Population, 20,895,504.</i>			
1 room‡ ... ..	87,535	337,107	1·61
2 rooms ... ..	151,603	922,964	4·42
3 rooms ... ..	91,206	722,532	3·46
4 rooms ... ..	60,876	589,810	2·82
<b>Total in Urban Districts ...</b>	<b>391,220</b>	<b>2,572,413</b>	<b>12·31</b>
<i>Rural Districts.†—Total Population, 8,107,021.</i>			
1 room‡ ... ..	4,724	20,600	0·25
2 rooms ... ..	32,628	201,092	2·48
3 rooms ... ..	28,825	229,345	2·83
4 rooms ... ..	24,256	234,594	2·90
<b>Total in Rural Districts ...</b>	<b>90,433</b>	<b>685,631</b>	<b>8·46</b>
<i>Summary for all Districts.—Total Population, 29,002,525.</i>			
1 room‡ ... ..	92,259	357,707	1·23
2 rooms ... ..	184,231	1,124,056	3·88
3 rooms ... ..	120,031	951,877	3·28
4 rooms ... ..	85,132	824,404	2·84
<b>Total in all Districts ...</b>	<b>481,653</b>	<b>3,258,044</b>	<b>11·23</b>

\* This table is taken from the General Report on the Census of 1891 (Vol. IV.), in which "ordinary tenements which have more than two occupants per room, bedrooms and sitting rooms included," are considered to be overcrowded. (For definition of "tenement," see note on previous page.)

† All Urban Sanitary Districts or Rural Sanitary Districts respectively.

‡ Persons returned as living in barns, sheds, caravans, or barges were classed as occupying tenements of 1 room.

## CLASSIFICATION OF TENEMENTS.\*—SCOTLAND.

(Compiled from the Census Reports for 1891.)

Description of Tenement.	Number of Families.*	Per-centage of Families in each Group.	Number of Persons in the Families.	Per-centage of Persons in each Group.	Average Number of Occupants per Room.
<i>Urban Districts.†</i>					
Rooms without windows ...	8	0·00	15	0·00	1·88
Rooms with windows :—					
1 room ... ..	146,963	25·36	481,003	16·75	2·93
2 rooms ... ..	232,655	40·15	1,089,961	42·37	2·34
3 rooms ... ..	90,226	15·57	465,189	18·08	1·72
4 rooms ... ..	40,475	6·98	205,811	7·99	1·27
5 or more rooms ...	69,187	11·94	380,988	14·81	...
Total in Urban } Districts ... }	579,514	100·00	2,572,767	100·00	...
<i>Rural Districts.</i>					
Rooms without windows ...	390	0·13	1,132	0·08	2·90
Rooms with windows :—					
1 room ... ..	46,368	15·83	142,384	10·45	3·07
2 rooms ... ..	109,134	37·27	497,059	36·49	2·23
3 rooms ... ..	53,092	18·13	256,156	18·80	1·61
4 rooms ... ..	25,179	8·60	127,218	9·34	1·26
5 or more rooms ...	53,680	20·04	338,418	24·84	...
Total in Rural } Districts ... }	292,843	100·00	1,362,367	100·00	...
<i>All Districts.</i>					
Rooms without windows ...	398	0·0	1,147	0·0	2·88
Rooms with windows :—					
1 room ... ..	193,331	22·2	573,887	14·6	2·97
2 rooms ... ..	341,789	39·2	1,587,020	40·3	2·32
3 rooms ... ..	143,318	16·4	721,345	18·3	1·63
4 rooms ... ..	65,654	7·5	332,829	8·5	1·27
5 or more rooms ...	127,867	14·7	719,106	18·3	...
Total in all Districts	872,357	100·0	3,935,134	100·0	...

NOTE.—The definition of a Room, for the purposes of the Scotch and English Censuses respectively, not being identical, the above table cannot be compared accurately with the corresponding table for England on p 184. For the same reason no table for overcrowded tenements can be given for Scotland, the definition of such tenements given in a footnote on p. 185 not being applicable to Scotland.

\* For the purposes of this table families consisting of from 1 to 15 persons only are included, as the original figures do not show the exact number of persons in larger families. In the whole of Scotland the number of separate families of more than 15 persons was 1,650, with 78,305 persons, making (with vagrants and persons on board training ships and shipping belonging to the Royal Navy or merchant service which have also been excluded from the Table) a grand total of 876,089 families, with 4,025,647 persons.

† Comprising all towns with a population of 2,000 and upwards.



CLASSIFICATION OF HOUSES.—IRELAND.

(Compiled from the Census Reports for 1891.)

Description of House.	Number of Houses.	Number of Families occupying the Houses.	Average Number of Families to each House.
<i>Civic Districts.</i> †—Total Population, 1,244,113.			
4th class* ... ..	856	861	1·01
3rd „ ... ..	26,187	26,847	1·03
2nd „ ... ..	139,909	166,704	1·19
1st „ ... ..	33,659	57,700	1·71
Total in Civic Districts ...	200,561	252,112	1·26
<i>Rural Districts.</i> —Total Population, 3,460,637.			
4th class* ... ..	19,761	19,868	1·01
3rd „ ... ..	286,452	288,187	1·01
2nd „ ... ..	326,723	332,329	1·02
1st „ ... ..	37,081	39,617	1·07
Total in Rural Districts...	670,017	680,001	1·01
<i>All Districts.</i> —Total Population, 4,704,750.			
4th class* ... ..	20,617	20,729	1·01
3rd „ ... ..	312,589	315,034	1·01
2nd „ ... ..	466,632	499,033	1·07
1st „ ... ..	70,740	97,317	1·38
Total in all Districts ...	870,578	932,113	1·07

\* The following definitions of the four classes into which the houses are divided are taken from the General Report on the Census of Ireland :—

*4th Class.*—Houses built of mud or perishable material, having only one room and window.

*3rd Class.*—A better description of house, varying from one to four rooms and windows.

*2nd Class.*—What might be considered a good farm-house, having from five to nine rooms and windows.

*1st Class.*—All houses of a better description than the preceding.

† Comprising all municipal boroughs, townships, and towns of 2,000 inhabitants and upwards.

**AGES OF THE PEOPLE.—CENSUS OF 1901.**  
**POPULATION OF ENGLAND AND WALES GROUPED ACCORDING**  
**TO AGE.**  
*(Compiled from the Census Reports for 1901.)*

Groups of Ages.	Urban Sanitary Districts.		Rural Sanitary Districts.		All Districts.	
	Number.	Per-centage.	Number.	Per-centage.	Number.	Per-centage.
<b>Males.</b>						
Under 5 years .. ..	1,428,840	11·9	426,531	11·5	1,855,361	11·8
5 and under 10 years..	1,316,832	10·9	422,161	11·4	1,738,993	11·1
10 " 15 " ..	1,258,133	10·5	412,837	11·1	1,670,970	10·6
15 " 20 " ..	1,227,535	10·2	379,987	10·2	1,607,522	10·2
20 " 30 " ..	2,238,404	18·6	567,528	15·3	2,805,932	17·8
30 " 40 " ..	1,719,581	14·3	472,544	12·7	2,192,125	13·9
40 " 50 " ..	1,273,068	10·6	384,371	10·3	1,657,439	10·6
50 " 60 " ..	838,412	7·0	285,340	8·0	1,123,752	7·2
60 " 70 " ..	481,803	4·0	211,047	5·7	692,850	4·4
70 years and upwards	236,481	2·0	142,188	3·8	378,669	2·4
<b>Total Males ..</b>	<b>12,014,069</b>	<b>100·0</b>	<b>3,714,524</b>	<b>100·0</b>	<b>15,728,593</b>	<b>100·0</b>
<b>Females.</b>						
Under 5 years .. ..	1,436,509	11·0	424,838	11·3	1,861,347	11·1
5 and under 10 years..	1,328,198	10·2	420,100	11·2	1,748,298	10·4
10 " 15 " ..	1,273,939	9·8	393,831	10·6	1,667,770	10·0
15 " 20 " ..	1,305,358	10·0	333,263	8·9	1,638,621	9·8
20 " 30 " ..	2,550,245	19·5	564,251	15·3	3,114,496	18·7
30 " 40 " ..	1,869,174	11·5	495,415	13·2	2,364,589	14·2
40 " 50 " ..	1,371,399	10·5	394,972	10·5	1,766,371	10·5
50 " 60 " ..	940,740	7·2	307,088	8·2	1,247,828	7·4
60 " 70 " ..	600,305	4·8	227,191	6·0	827,496	4·9
70 years and upwards	343,399	2·7	161,012	4·3	504,411	3·0
<b>Total Females ..</b>	<b>13,044,266</b>	<b>100·0</b>	<b>3,754,964</b>	<b>100·0</b>	<b>16,799,230</b>	<b>100·0</b>
<b>Males and Females.</b>						
Under 5 years .. ..	2,865,349	11·4	851,369	11·4	3,716,708	11·4
5 and under 10 years..	2,645,030	10·6	842,261	11·2	3,487,291	10·7
10 " 15 " ..	2,532,072	10·1	809,668	10·8	3,341,740	10·3
15 " 20 " ..	2,532,893	10·1	713,251	9·5	3,246,143	10·0
20 " 30 " ..	4,783,649	19·1	1,161,782	15·0	5,945,431	18·3
30 " 40 " ..	3,608,755	14·4	997,959	13·0	4,606,714	14·1
40 " 50 " ..	2,644,467	10·6	779,343	10·4	3,423,810	10·5
50 " 60 " ..	1,779,152	7·1	602,428	8·1	2,381,580	7·3
60 " 70 " ..	1,084,118	4·3	438,233	5·9	1,522,351	4·7
70 years and upwards	584,880	2·3	303,200	4·1	888,080	2·7
<b>Grand Total ..</b>	<b>26,068,365</b>	<b>100·0</b>	<b>7,469,488</b>	<b>100·0</b>	<b>33,537,853</b>	<b>100·0</b>

## (A.)—SUMMARY OF CLASSES OF OCCUPATIONS.—CENSUS OF 1891.

(Compiled from the Census Reports for 1891.)

Class.	ENGLAND* AND WALES.		SCOTLAND.		IRELAND.		UNITED KINGDOM.*	
	Total Number.	Per 1,000.	Total Number.	Per 1,000.	Total Number.	Per 1,000.	Total Number.	Per 1,000.
<b>Males.</b>								
Occupied :								
Professional † .. ..	520,900	37	59,053	30	86,118	37	606,071	36
Domestic .. ..	140,773	10	13,102	7	17,588	8	171,463	9
Commercial .. ..	1,364,377	97	170,676	88	93,264	40	1,628,337	89
Agri-cultural and fishing; ‡	1,284,919	92	219,042	113	349,527	366	2,353,488	129
Industrial .. ..	5,495,446	391	742,056	332	404,399	175	6,642,361	363
Unoccupied § .. ..	5,316,486	373	738,808	330	367,537	374	6,352,831	374
GRAND TOTAL OF MALES .. ..	14,052,901	1,000	1,942,717	1,000	2,318,953	1,000	18,314,571	1,000
<b>Females.</b>								
Occupied :								
Professional † .. ..	257,743	17	23,051	11	25,947	11	306,741	16
Domestic .. ..	1,759,555	118	190,051	91	220,627	92	2,170,233	112
Commercial .. ..	35,358	2	10,276	5	2,163	1	47,796	2
Agricultural and fishing; ‡	52,026	4	30,062	15	91,094	38	173,202	9
Industrial .. ..	1,840,890	123	290,368	139	252,255	106	2,383,521	123
Unoccupied § .. ..	11,004,044	736	1,539,102	739	1,793,712	752	14,336,858	738
GRAND TOTAL OF FEMALES .. ..	14,949,624	1,000	2,082,930	1,000	2,385,797	1,000	19,418,351	1,000

\* Excluding the Channel Islands and the Isle of Man.

† Including immediate subordinates, but excluding students.

‡ Including those dealing in or with animals.

§ Including children of no stated occupation and students in all three countries; and in England and Wales, pensioners, persons living on their own means, and persons retired from business (except those retired from the church and medical profession, who are classed according to the occupation they previously followed); in Scotland, pensioners, persons living on their own means, and persons retired from business (except those retired from the various professions); in Ireland, pensioners, persons living on their own means, and persons retired from business. In all cases persons retired from the army or navy are included with the effective members, and appear under the "Professional" class.

## (B.)—SUMMARY OF GROUPS OF

[Compiled from the Census

GROUPS OF OCCUPATIONS (being the 23 "Orders" given in the Census).	ENGLAND AND WALES.			SCOTLAND.		
	Males.	Females.	Total.	Males.	Females.	Total.
Civil service or local govern- ment.	129,280	15,040	144,300	16,657	1,328	18,485
Defence of the country at home.	126,473	..	126,473	7,588	..	7,588
Professional occupations† ..	265,167	342,703	507,870	34,806	21,223	56,031
Domestic offices or services..	140,773	1,759,555	1,900,328	13,102	180,051	303,153
Commercial occupations ..	395,535	20,630	416,365	53,594	4,995	58,589
The conveyance of men, goods, and messages.	968,842	14,528	983,370	117,062	5,281	122,343
Agriculture‡ .. .. .	1,280,024	51,696	1,331,720	190,769	29,216	219,985
Fishing .. .. .	24,895	330	25,225	23,273	866	24,139
Working and dealing in :—						
Books, prints, and maps ..	121,572	23,735	145,307	14,659	5,658	20,317
Machines and implements	323,327	18,904	342,231	50,338	1,038	51,426
Houses, furniture, and decorations.	798,962	21,600	820,562	97,753	3,695	101,358
Carriages and harness ..	104,633	4,147	108,780	6,929	92	7,021
Ships and boats .. .. .	70,291	226	70,517	23,433	85	23,518
Chemicals and compounds	48,547	7,500	56,047	6,820	1,006	7,826
Tobacco and pipes .. ..	14,574	16,567	31,141	1,629	2,150	3,779
Food and lodging .. .. .	599,187	186,852	786,039	78,005	30,656	108,661
Textile fabrics .. .. .	500,588	628,001	1,128,589	73,333	133,217	206,550
Dress .. .. .	408,392	691,441	1,099,833	46,415	76,649	123,064
Skins, hair, bone, and other animal substances.	58,388	18,178	76,566	5,512	1,183	6,695
Wood, paper, oil, and other vegetable substances.	144,143	52,746	196,889	26,433	10,452	36,885
Mineral substances .. ..	1,430,878	72,347	1,503,225	211,250	4,860	216,110
General or unspecified commodities.	855,722	84,596	940,320	98,043	19,205	117,248
Refuse matters .. .. .	16,272	2,056	18,328	1,434	512	1,946
Total Occupied persons of all Ages.	8,806,415	3,945,580	12,751,995	1,203,909	543,528	1,747,737
Percentage of total .. .. .	62·7	26·4	44·0	62·0	20·1	43·4
Total Unoccupied persons of all Ages.§	5,246,486	11,004,044	16,250,530	738,808	1,539,102	2,277,910
Percentage of total .. .. .	37·3	73·6	56·0	38·0	73·9	56·6
Grand Total, Population* ..	14,052,901	14,949,624	29,002,525	1,942,717	2,082,630	4,025,647

\* Excluding the Channel Islands and the Isle of Man.

† Including immediate subordinates, but excluding students.

‡ Including those dealing in or with animals.

## OCCUPATIONS.—CENSUS OF 1891.

Reports for 1891.]

IRELAND.			UNITED KINGDOM.*			GROUPS OF OCCUPATIONS (being the 23 "Orders" given in the Census).
Males.	Females.	Total.	Males.	Females.	Total.	
27,072	2,539	29,611	172,969	19,407	192,396	Civil service or local government.
31,298	..	31,298	166,354	..	166,354	Defence of the country at home.
27,753	23,406	51,161	327,728	267,334	615,062	Professional occupations.†
17,568	220,627	238,215	171,463	2,170,233	2,341,696	Domestic offices or services.
27,560	1,809	29,189	476,709	27,424	504,143	Commercial occupations.
66,704	563	68,267	1,151,628	20,262	1,171,990	The conveyance of men goods, and messages.
938,326	91,017	929,343	2,269,119	171,929	2,461,048	Agriculture.‡
11,201	77	11,278	64,269	1,273	65,642	Fishing.
Working and dealing in:—						
6,146	1,576	7,722	142,277	30,969	173,246	Books, prints, and maps.
8,142	117	8,259	381,867	20,069	401,916	Machines and implements.
50,265	897	51,732	947,600	26,102	973,702	Houses, furniture, and decorations.
5,743	57	5,780	117,205	4,276	121,581	Carriages and harness.
4,262	2	4,264	98,006	313	98,319	Ships and boats.
1,659	128	1,787	57,026	8,634	65,660	Chemicals and compounds.
900	606	1,506	17,103	19,323	36,426	Tobacco and pipes.
52,218	18,284	70,502	729,260	247,792	977,152	Food and lodging.
46,269	33,515	129,884	620,290	844,733	1,465,023	Textile fabrics.
37,695	115,734	153,429	492,502	883,824	1,376,326	Dress.
2,063	645	2,728	65,983	20,006	85,989	Skins, hair, bone, and other animal substances.
9,340	2,319	11,659	179,916	65,517	245,433	Wood, paper, oil, and other vegetable substances.
40,671	749	41,420	1,662,799	77,966	1,760,755	Mineral substances.
137,226	27,496	165,332	1,091,801	131,299	1,222,900	General or unspecified commodities.
950	150	1,100	18,656	2,718	21,374	Refuse matters.
1,451,416	592,085	2,043,501	11,461,740	5,081,423	16,543,233	Total Occupied persons of all Ages.
62·6	24·8	43·4	62·6	26·2	43·8	Percentage of total.
867,537	1,723,712	2,661,249	6,852,831	14,326,858	21,189,689	Total Unoccupied persons of all Ages.§
37·4	75·2	56·6	37·4	73·8	56·2	Percentage of total.
2,318,953	2,326,797	4,704,750	18,314,571	19,418,351	37,732,922	Grand Total, Population.*

‡ Including children of no stated occupation and students in all three countries; and in England and Wales, pensioners, persons living on their own means, and persons retired from business (except those retired from the church and medical profession who are classed according to the occupation they previously followed); in Scotland, pensioners, persons living on their own means, and persons retired from business (except those retired from the various professions); in Ireland, pensioners, persons living on their own means, and persons retired from business. In all cases persons retired from the army or navy are included with the effective members, and appear under "the defence of the country."

## (C.)—OCCUPATIONS OF CHILDREN UNDER

[Compiled from the Census

GROUPS OF OCCUPATIONS (arranged in descending order of magnitude).	ENGLAND AND WALES.			SCOTLAND.		
	Boys.	Girls.	Total.	Boys.	Girls.	Total.
<b>Textile trades :—</b>						
Cotton .. .. .	36,956	52,451	92,407	799	2,303	3,102
Wool and worsted ..	16,661	19,567	36,248	1,125	1,619	2,744
Mixed or unspecified materials.	3,372	3,896	7,268	1,913	2,911	4,824
Flax and linen .. ..	206	484	690	747	2,072	2,819
Hemp and other fibrous materials.	1,751	514	2,265	2,027	2,428	4,455
Silk .. .. .	1,926	3,085	5,011	125	338	463
<b>Total textile trades</b>	<b>63,872</b>	<b>80,537</b>	<b>144,409</b>	<b>6,736</b>	<b>11,671</b>	<b>18,407</b>
Domestic and personal service.	8,667	110,198	118,865	475	10,524	10,999
Conveyance of goods and messages, &c.	96,576	2,576	99,152	11,662	3,010	14,702
Agriculture .. .. .	71,519	1,517	73,036	6,439	964	7,423
Clothing trades .. ..	16,619	35,020	51,639	1,732	3,755	5,487
Mining { Coal .. .. .	31,318	249	31,567	5,411	41	5,452
{ Other minerals	1,206	175	1,383	548	4	552
Provision of food and lodging.	18,393	3,246	21,639	3,648	962	4,610
Building and furnishing trades.	14,005	1,183	15,188	2,223	217	2,440
General labourers.. ..	13,081	95	13,176	867	23	890
Iron and steel manufac- ture.	10,501	472	10,973	2,242	18	2,260
Commercial and other clerks.	9,732	523	10,255	3,549	263	3,812
Machine and implement making.	8,605	1,307	9,912	1,131	71	1,202
Printing trades .. ..	6,780	1,942	8,722	664	537	1,211
Workers in copper, tin, lead, and other minerals.	7,037	1,532	8,569	468	49	517
Teaching and school service.	1,574	5,937	7,511	86	270	356

(Continued on pages 206-7.)

\* Excluding the Channel Islands and the Isle of Man.

## 15 YEARS OF AGE.—CENSUS OF 1891.

*Reports for 1891.]*

IRELAND.			UNITED KINGDOM.*			GROUPS OF OCCUPATIONS (arranged in descending order of magnitude).
Boys.	Girls.	Total.	Boys.	Girls.	Total.	
125	167	292	40,880	54,921	95,801	Textile trades:—
106	98	204	17,912	21,284	39,196	Cotton.
345	859	1,204	5,630	7,868	13,298	Wool and worsted.
2,196	4,496	6,692	3,149	7,042	10,191	Mixed or unspecified materials.
114	54	168	3,872	2,996	6,868	Flax and linen.
1	1	2	2,052	4,024	6,076	Hemp and other fibrous materials.
2,287	5,665	8,552	73,495	97,933	171,428	Silk.
						Total textile trades.
1,227	9,407	10,634	10,380	150,129	140,498	Domestic and personal service.
3,246	63	3,309	111,514	5,949	117,163	Conveyance of goods and messages, &c.
12,801†	1,390†	14,191†	90,759	3,891	94,650	Agriculture.
829	3,546	4,375	19,180	42,321	61,501	Clothing trades.
21	..	21	36,750	280	37,040	Coal
18	..	18	1,774	179	1,953	Other minerals } Mining.
763	161	924	23,804	4,369	27,173	Provision of food and lodging.
515	12	527	16,773	1,412	18,185	Building and furnishing trades.
2,142†	143†	2,285†	16,080	261	16,341	General labourers.
327	5	332	15,070	495	15,565	Iron and steel manufac- ture.
433	33	466	12,714	819	13,533	Commercial and other clerks.
122	2	124	9,858	1,380	11,238	Machine and implement making.
224	66	290	7,688	2,555	10,243	Printing trades.
73	3	76	7,598	1,564	9,162	Workers in copper, tin, lead, and other minerals.
118	234	352	1,778	6,441	8,219	Teaching and school service.

*(Continued on pages 206-7.)*

† The majority of the "General Labourers" may be assumed to be "Agricultural Labourers" although not returned as such. (See Census of Ireland, 1891, Part II., p. 116.)

## (C).—OCCUPATIONS OF CHILDREN UNDER

GROUPS OF OCCUPATIONS (arranged in descending order of magnitude).	ENGLAND AND WALES.			SCOTLAND.		
	Boys.	Girls.	Total.	Boys.	Girls.	Total.
Earthenware and glass manufacture.	5,207	2,508	7,715	284	191	455
Hawking, pawnbroking, general dealing, &c.	4,236	1,055	5,291	349	501	850
Paper making and allied trades.	2,104	3,180	5,284	319	790	1,109
Quarrying, brickmaking, and road and railway making.	5,340	79	5,419	514	24	538
Wood, cane, straw, &c., working.	2,980	440	3,400	521	33	554
Carriage and harness manufacture.	2,842	354	3,196	193	4	197
Tobacco and pipe manu- facture.	587	1,773	2,370	50	155	205
Professional occupations, (including subordinates).	1,375	602	1,977	174	100	274
Chemicals, colouring matter, and explosives manufacture.	1,138	549	1,687	223	116	339
Ship and boat building, and allied trades.	1,335	8	1,393	465	2	467
Workers in hair, bone, soap, and other animal substances.	1,025	676	1,701	49	37	86
Workers in oils, colours, india-rubber, and other vegetable substances.	745	376	1,121	319	58	377
Leather and skin dressing	840	411	1,251	96	21	117
Miscellaneous and un- specified trades.	9,928	3,614	13,542	1,332	697	2,029
Total Occupied children of 10 and under 15 years of age.	419,209	263,194	681,403	51,819	35,118	86,937
<i>Percentage of Total..</i>	<i>28.0</i>	<i>18.3</i>	<i>21.1</i>	<i>22.6</i>	<i>15.7</i>	<i>19.2</i>
Total Unoccupied children of 10 and under 15 years of age.	1,191,649	1,350,515	2,542,164	177,418	187,885	365,303
<i>Percentage of Total..</i>	<i>74.0</i>	<i>83.7</i>	<i>78.9</i>	<i>77.4</i>	<i>84.3</i>	<i>80.8</i>
Grand total number of children of 10 and under 15 years of age.	1,610,858	1,612,709	3,223,567	229,237	223,003	452,240

*Note.*—The figures that relate to occupied children are for all such children of 10 and under 15 years who were returned as following occupations are also included. Since, however, in 1891, the figures are substantially comparable.



15 YEARS OF AGE.—CENSUS OF 1891—*continued.*

IRELAND.			UNITED KINGDOM.*			GROUPS OF OCCUPATIONS (arranged in descending order of magnitude).
Boys.	Girls.	Total.	Boys.	Girls.	Total.	
25	5	30	5,496	2,704	8,200	Earthenware and glass manufacture.
388	174	562	4,973	1,730	6,703	Hawking, pawnbroking, general dealing, &c.
20	141	170	2,452	4,111	6,563	Paper making and allied trades.
115	3	118	5,969	106	6,075	Quarrying, brickmaking, and road and railway making.
106	16	122	3,587	489	4,076	Wood, cane, straw, &c., working.
104	..	104	3,139	358	3,497	Carriage and harness manufacture.
42	31	73	669	1,959	2,648	Tobacco and pipe manu- facture.
58	33	91	1,607	735	2,342	Professional occupations (including subordi- nates).
35	3	38	1,396	668	2,064	Chemicals, colouring matter, and explosives manufacture.
50	..	50	1,909	10	1,910	Ship and boat building, and allied trades.
31	19	50	1,105	732	1,837	Workers in hair, bone, soap, and other animal substances.
1	..	1	1,065	434	1,499	Workers in oils, colours, india-rubber, and other vegetable substances.
13	..	13	949	432	1,381	Leather and skin dress- ing.
1,250	484	1,734	12,510	4,775	17,285	Miscellaneous and un- specified trades.
26,023	21,619	49,642	499,051	318,931	817,982	Total Occupied children of 10 and under 15 years of age.
10.0	8.0	9.0	25.5	15.1	19.4	Percentage of Total.
252,334	247,946	500,280	1,621,401	1,786,346	3,407,747	Total Unoccupied chil- dren of 10 and under 15 years of age.
9.0	9.0	9.0	76.5	84.9	80.6	Percentage of Total.
260,357	269,565	549,922	2,120,452	2,105,277	4,225,729	Grand total number of children of 10 and under 15 years of age.

of age; but in Scotland any children of 5 and under 10 years, and in Ireland children of any age  
employment of children under 10 years of age was prohibited in the United Kingdom generally  
\* Excluding the Channel Islands and the Isle of Man.

## EMPLOYMENT IN FACTORIES

### NUMBER OF FACTORY AND WORKSHOP

[Compiled from the Annual Reports of the

	Children under 14 Years of Age employed as Half-Timers.			Persons under 18 Years of Age employed as Full-Timers.		
	Males.	Females.	Total.	Males.	Females.	Total.
<b>Textile Factories, 1898.</b>						
England and Wales ...	16,404	19,590	35,994	62,303	121,316	184,119
Scotland ... ..	1,925	2,538	4,463	7,944	21,637	29,631
Ireland ... ..	2,122	2,668	4,790	5,588	8,601	14,189
United Kingdom ...	20,451	24,796	45,247	76,335	151,604	227,939
<b>Non-textile Factories, 1898.</b>						
England and Wales ...	3,906	1,435	5,341	282,864	125,272	408,136
Scotland ... ..	629	271	900	39,059	21,338	60,397
Ireland ... ..	53	49	102	8,468	6,797	15,265
United Kingdom ...	4,588	1,755	6,343	330,391	153,407	483,798
<b>Workshops, 1897 (under the 1878 Act).</b>						
England and Wales ...	1,074	911	1,985	57,808	87,531	145,339
Scotland ... ..	215	359	574	7,696	11,646	19,342
Ireland ... ..	51	127	178	2,206	5,144	7,350
United Kingdom ...	1,340	1,397	2,737	67,710	104,321	172,031

\* This Table relates to establishments covered by the Factory and Workshop Act separate works or departments, viz., 95,792 factories and 88,814 workshops. In addition, returns for these were not obtained.

The figures for Factories relate mainly to the year 1898, but those for 1899 have been year were not received. The Workshop figures relate to the year 1897.

"Men workshops" (i.e., workshops, other than bakehouses, where neither children, and Workshop Act, 1878. Outworkers registered as occupiers are included in the

## AND WORKSHOPS.

## OPERATIVES IN 1897-8.\*—SUMMARY.

*Chief Inspector of Factories and Workshops.]*

Persons above 18 Years of Age.			Total Number of Persons employed.			
Males.	Females.	Total.	Males.	Females.	Total.	
<b>Textile Factories, 1898.</b>						
244,825	359,081	603,866	324,032	499,937	823,969	England and Wales.
30,051	75,694	105,745	39,920	99,919	139,839	Scotland.
15,921	37,862	53,783	23,631	49,131	72,762	Ireland.
290,797	472,587	763,384	387,583	648,987	1,036,570	United Kingdom.
<b>Non-textile Factories, 1898.</b>						
1,674,459	292,416	1,966,875	1,961,229	419,123	2,380,352	England and Wales.
286,471	48,206	334,677	326,159	69,815	395,974	Scotland.
72,938	23,012	100,950	81,459	34,858	116,317	Ireland.
2,033,868	363,634	2,402,502	2,368,847	523,796	2,892,643	United Kingdom.
<b>Workshops, 1897 (under the 1878 Act).</b>						
210,552	198,858	409,410	269,434	287,300	556,734	England and Wales.
31,275	38,707	69,982	39,186	50,712	89,898	Scotland.
9,801	12,815	22,616	12,058	18,086	30,144	Ireland.
251,628	250,380	502,008	320,678	356,098	676,776	United Kingdom.

of 1878, so far as returns were received, and shows the numbers employed in 184,606 7,418 other works (3,120 factories and 4,293 workshops), were known to exist, but used, where available, in the case of factories for which the returns for the previous young persons, or women are employed) do not come within the scope of the Factory returns, but other outworkers are excluded.

## NUMBER OF FACTORY AND WORKSHOP OPERATIVES IN

[Compiled from the Annual Reports of the

Industry.	I.—Factories, 1898.						Total Number of Persons employed.
	Children employed as Half-Timers.		Persons under 18 Years of Age employed as Full-Timers.		Persons above 18 Years of Age.		
	Males.	Fe- males.	Males.	Females.	Males.	Females.	
<b>TEXTILE.</b>							
Cotton .. .. .	11,097	14,334	39,362	80,187	146,042	233,865	<b>526,107</b>
Wool .. .. .	848	559	8,330	11,163	43,837	49,317	<b>114,054</b>
Worsted .. .. .	3,439	4,311	11,117	22,156	33,571	56,101	<b>130,695</b>
Flax .. .. .	2,801	3,447	6,800	13,436	21,055	54,290	<b>101,919</b>
Hemp and Jute .. .. .	1,135	1,137	4,541	6,436	12,641	28,819	<b>54,709</b>
Silk .. .. .	328	633	1,927	6,215	8,069	18,289	<b>35,461</b>
Hosiery .. .. .	62	230	1,331	7,764	7,992	18,085	<b>35,464</b>
Other Textiles .. .. .	141	145	2,837	4,247	16,890	13,801	<b>38,161</b>
<b>NON-TEXTILE.</b>							
Flax Scutch Mills .. .. .	17	8	262	131	2,493	1,253	<b>4,154</b>
Print, Bleach, Dye Works	1,315	282	14,378	7,869	88,187	24,534	<b>136,565</b>
Wood.—Saw Mills, Car- penters.	56	1	14,536	172	89,379	389	<b>104,533</b>
Cabinet, Furniture, and Household Utensil Mak- ers, and Upholsterers.	57	4	10,644	3,766	45,833	9,253	<b>69,577</b>
Metals, Extraction, Found- ing, and Conversion of.	96	3	36,404	1,837	265,424	4,937	<b>308,701</b>
Machines, Appliances, Con- veyances, Tools.	557	67	111,242	9,747	737,154	22,918	<b>831,685</b>
Metals: Galvanising, Fin- ishing, &c.	4	1	5,077	1,121	18,633	3,006	<b>27,842</b>
Clothing .. .. .	563	629	17,422	39,159	82,173	109,964	<b>249,910</b>
Paper, Printing, Stationery, &c.	369	114	36,091	26,038	137,504	46,681	<b>246,797</b>
Food, Drink, Tobacco, Snuff, and Cigars.	313	272	22,585	25,803	165,475	53,540	<b>267,988</b>
Jewellery, Plate, Fine Instruments, Fancy Articles, Games.	12	20	6,718	7,981	27,437	14,065	<b>56,233</b>
Leather.—Tanners, Fell- mongers, Curriers.	14	2	2,452	248	24,065	735	<b>27,516</b>
India-rubber and Gutta- percha.	6	2	1,283	2,061	9,743	5,699	<b>18,794</b>
Glass, Clay, Stone, &c. .. .	523	123	25,253	9,846	117,075	26,101	<b>178,921</b>
Chemicals, &c. (including Explosives).	33	15	7,969	4,566	78,623	11,367	<b>102,572</b>
.. .. .	3	..	641	..	56,427	30	<b>57,101</b>
All other Industries .. .. .	651	212	17,444	13,042	88,243	34,162	<b>153,754</b>
<b>Total, United Kingdom</b>	<b>25,039</b>	<b>28,551</b>	<b>406,726</b>	<b>305,011</b>	<b>2,324,665</b>	<b>841,221</b>	<b>3,929,213</b>

1897-8.\*—DETAILED TABLE GROUPED BY INDUSTRIES.

Chief Inspector of Factories and Workshops.]

II. Workshops 1897. (Under 1878 Factory Act.)							Industry.
Children employed as Half-Timers.		Persons under 18 Years of Age employed as Full-Timers.		Persons above 18 Years of Age.		Total Number of Persons Employed.	
Males.	Fe-males.	Males.	Females.	Males.	Females.		
<b>TEXTILE.</b>							
69	89	512	2,718	3,364	7,139	13,391	Cotton.
							Wool.
							Worsted.
							Flax.
							Hemp and Jute.
							Silk.
							Hosiery.
Other Textiles.							
<b>NON-TEXTILE.</b>							
..	..	..	..	..	..	..	Flax Scutch Mills.
..	..	7	23	79	61	170	Print, Bleach, Dye Works.
30	..	4,783	13	15,007	50	19,863	Wood.—Saw Mills, Carpenters.
63	8	8,755	2,570	30,364	7,615	49,375	Cabinet, Furniture, and Household Utensil Makers, and Upholsterers.
..	..	8	..	9	2	19	Metals, Extraction, Founding, and Conversion of.
83	9	14,377	1,969	43,493	4,978	64,969	Machines, Appliances, Conveyances, Tools.
..	..	343	70	1,082	113	1,608	Metals, Galvanising, Finishing, &c.
464	1,161	14,198	79,893	77,156	178,750	351,622	Clothing.
9	14	1,257	2,099	3,192	4,192	10,763	Paper, Printing, Stationery, &c.
263	48	7,185	3,089	26,032	19,256	57,373	Food, Drink, Tobacco, Snuff and Cigars.
32	14	4,379	4,593	12,190	8,757	29,965	Jewellery, Plate, Fine Instruments, Fancy Articles, Games.
6	1	208	4	1,147	112	1,555	Leather.—Tanners, Fellmongers, Curriers.
7	..	128	175	623	528	1,461	India-rubber and Gutta-percha.
31	2	2,749	66	9,827	338	13,016	Glass, Clay, Stone, &c.
25	7	467	799	1,441	1,257	3,996	Chemicals, &c. (including Explosives).
..	..	6	..	73	..	79	Gas.
255	44	8,368	6,160	24,549	17,222	56,698	All other Industries
<b>1,340</b>	<b>1,397</b>	<b>67,710</b>	<b>104,321</b>	<b>251,623</b>	<b>259,330</b>	<b>676,776</b>	<b>Total, United Kingdom.</b>

\* See note to Table on page 196.

### HALF-TIMERS IN FACTORIES AND WORKSHOPS, 1897-8 \*

#### I.—GROUPED BY INDUSTRIES.

[Compiled from the Annual Reports of the Chief Inspector of Factories and Workshops.]

#### (A.) Number of Children under 14 Years of Age employed as Half-Timers.

Industry.	Number Employed.	Industry.	Number employed in	
			Factories, 1898.	Workshops, 1897.
<b>Textile Factories, 1898.</b>		<b>Non-Textile Trades.</b>		
Cotton.. { Spinning	9,296	Flax Scutch-mills .. ..	25	..
{ Weaving	16,584	Rope making .. ..	275	173
{ Other processes	151	Wood.—Sawmills, carpenters	57	30
Wool .. { Spinning	1,009	Leather.—Tanners, fell-mongers, curriers	18	7
{ Weaving	366	Clay, stone, &c. .. ..	523	34
{ Other processes	32	Glass .. ..	123	2
Worsted { Spinning	7,424	Metals, founding and conversion of.	90	..
{ Weaving	321	Machines, tools, appliances, conveyances.	624	92
{ Other processes	5	Chemicals, &c., explosives ..	47	32
Shoddy .. ..	22	Cabinet, furniture, and household utensil makers and upholsterers.	61	71
Flax .. ..	6,248	Food .. ..	430	299
Hemp .. ..	181	Drink.. ..	58	12
Jute .. ..	2,091	Tobacco, snuff and cigars ..	67	..
Horsehair .. ..	11	Print, bleach, dye works ..	1,597	..
Cocoanut fibre .. ..	23	Clothing .. ..	1,192	1,625
Silk .. ..	961	Jewellery, plate, fine instruments, fancy articles, games.	32	46
Lace .. ..	212	Paper, printing, stationery, &c.	483	23
Hosiery .. ..	292	All other industries .. ..	613	133
Elastic .. ..	18			
<b>Total .. ..</b>	<b>45,247</b>	<b>Total Non-Textile Trades ..</b>	<b>6,343</b>	<b>2,579</b>
Textile Workshops, 1897 (not separately classed).	158			
<b>Total Textile Trades..</b>	<b>45,405</b>			

#### (B.) Percentage of Half-Timers in each Class of Works, and Percentage that Half-Timers are of all Persons employed in each Class of Works.

	Number of Half-Timers employed.*	Percentage of whole Number of Half-Timers employed in all Factories and Workshops.	Percentage that Half-Timers are of Total Number of Persons (all ages) employed in each class of Works.
Textile Factories, 1898 .. ..	45,247	83.29	4.37
Non-Textile Factories, 1898 .. ..	6,343	11.67	0.22
Workshops, 1897 .. ..	2,737	5.04	0.40
<b>Total .. ..</b>	<b>54,327</b>	<b>100.00</b>	<b>1.18</b>

\* See note to Table on page 196.

HALF-TIMERS IN FACTORIES AND WORKSHOPS, 1897-8.\*  
 II.—GROUPED BY COUNTIES AND DISTINGUISHING SEX.

[Compiled from the Annual Reports of the Chief Inspector of Factories and Workshops.]

County	Textile Factories, 1898.			Non-Textile Factories, 1898.			Workshops, 1897.			Total.
	Males.	Females.	Males & Females.	Males.	Females.	Males & Females.	Males.	Females.	Males & Females.	
<b>ENGLAND AND WALES.</b>										
Lancaster .. ..	9,940	11,952	21,892	2,092	536	2,627	229	182	391	24,910
York, West Riding	5,021	5,644	10,665	396	211	606	99	109	208	11,479
Chester .. ..	837	1,114	1,951	247	167	414	32	23	55	2,410
Northampton ..	..	..	..	212	211	423	134	123	257	680
Derby .. ..	208	293	501	125	18	143	12	6	18	662
Leicester .. ..	61	186	247	156	39	245	92	48	140	632
Stafford .. ..	33	83	116	182	120	302	39	19	58	476
Somerset .. ..	125	73	198	33	14	47	44	35	79	324
London .. ..	..	..	..	37	9	46	121	128	249	295
Worcester .. ..	54	91	145	5	4	9	9	10	19	173
Devon .. ..	48	62	110	13	25	38	12	11	23	171
Kent .. ..	..	..	..	91	12	103	5	6	11	114
Nottingham .. ..	15	30	45	41	4	45	8	6	14	104
Warwick .. ..	1	4	5	40	2	42	36	20	56	102
Other Counties* ..	61	58	119	237	24	261	202	205	407	787
Total] .. ..	16,404	18,590	35,994	3,906	1,435	5,341	1,074	911	1,985	43,320
<b>SCOTLAND.</b>										
Forfar .. ..	1,596	1,514	2,900	21	3	24	28	21	49	2,973
Renfrew .. ..	138	603	741	96	68	164	30	15	45	950
Fife .. ..	102	154	256	176	12	188	14	18	32	476
Ayr .. ..	159	111	270	32	15	47	10	17	27	344
Lanark .. ..	22	32	54	65	56	121	25	94	119	294
Dumbarton .. ..	..	1	1	157	108	265	5	2	7	271
Aberdeen .. ..	11	38	49	59	4	63	16	22	38	150
Perth .. ..	44	46	90	2	2	4	..	32	32	126
Other Counties* ..	63	39	102	21	5	26	87	138	225	353
Total .. ..	1,925	2,538	4,463	620	271	900	215	359	574	5,937
<b>IRELAND.</b>										
Antrim .. ..	1,320	1,896	3,216	13	6	19	2	5	7	3,242
Down .. ..	358	376	733	21	32	53	14	1	15	801
Armagh .. ..	260	248	508	5	2	6	3	..	3	536
Tyrone .. ..	123	103	226	3	2	5	1	..	1	232
Other Counties* ..	41	46	87	13	7	20	31	121	152	259
Total .. ..	2,122	2,668	4,790	53	49	102	51	127	178	5,070
<b>Total, United Kingdom.</b>	<b>20,451</b>	<b>24,796</b>	<b>45,247</b>	<b>4,533</b>	<b>1,755</b>	<b>6,288</b>	<b>1,340</b>	<b>1,397</b>	<b>2,787</b>	<b>54,327</b>

\* These figures relate to 82 counties in the United Kingdom. In 6 of these the total number of Half-Timers employed in each county was between 50 and 100, whilst in 36 of the remaining 76 counties the number employed was less than 10.

## NUMBER OF PERSONS EMPLOYED

[Compiled from the Annual Reports of the Chief Inspectors of Factories and of 1898, Cd. 27 and

Material.	HALF-TIMERS.			FULL-		
	(Children under 14 years.)			Under 18 years.*		
	Males.	Females.	Total.	Males.	Females.	Total.
<b>Cotton.</b>						
1895 .. .. .	14,151	17,359	31,510	42,355	81,815	124,170
1896 .. .. .	13,185	16,321	29,506	41,356	80,061	121,416
1897 .. .. .	12,297	15,246	27,543	40,034	79,580	119,614
1898 .. .. .	11,697	14,334	26,031	39,362	80,187	119,549
<b>Wool, Worsted and Shoddy.</b>						
1895 .. .. .	6,606	6,829	13,435	23,394	36,968	60,360
1896 .. .. .	6,204	6,532	12,736	23,218	36,320	60,038
1897 .. .. .	5,123	5,732	10,855	21,250	35,360	56,610
1898 .. .. .	4,299	4,880	9,179	19,918	34,388	54,306
<b>Flax, Jute, Hemp and China Grass.</b>						
1895 .. .. .	4,029	4,703	8,732	11,828	20,460	32,286
1896 .. .. .	4,240	4,817	9,057	12,064	19,954	32,048
1897 .. .. .	4,006	4,840	8,846	11,727	20,142	31,869
1898 .. .. .	3,936	4,584	8,520	11,438	19,880	31,318
<b>Silk.</b>						
1895 .. .. .	468	812	1,280	2,135	6,121	8,256
1896 .. .. .	410	853	1,213	2,046	6,202	8,338
1897 .. .. .	337	801	1,138	1,972	6,685	8,657
1898 .. .. .	328	633	961	1,927	6,215	8,142
<b>Hosiery.</b>						
1895 .. .. .	129	250	379	1,422	6,836	8,258
1896 .. .. .	117	303	420	1,494	7,730	9,224
1897 .. .. .	90	214	304	1,361	7,876	9,237
1898 .. .. .	63	230	292	1,331	7,764	9,095
<b>Lace.</b>						
1895 .. .. .	101	118	219	1,303	1,554	2,857
1896 .. .. .	121	117	238	1,446	1,831	3,277
1897 .. .. .	110	103	213	1,581	1,662	3,273
1898 .. .. .	100	112	212	1,567	1,780	3,367
<b>Elastic, Cocoa-nut Fibre and Horsehair.</b>						
1895 .. .. .	41	29	70	661	1,240	1,891
1896 .. .. .	25	31	56	730	1,174	1,904
1897 .. .. .	21	27	48	774	1,248	2,022
1898 .. .. .	29	23	52	772	1,390	2,162
<b>All Materials.</b>						
1895 .. .. .	25,525	30,100	55,625	83,066	154,992	238,078
1896 .. .. .	24,302	28,964	53,266	82,363	153,662	236,245
1897 .. .. .	22,074	26,963	49,037	78,719	152,583	231,302
1898 .. .. .	20,451	24,796	45,247	76,335	151,604	227,939

\* Including children between 13 and 14 years of age who, having fulfilled certain such children employed in textile factories in



## IN TEXTILE FACTORIES, 1895-1898.

Workshops for the Years 1896, 1897, 1898 and 1900. (C. 8561 of 1897, C. 8965 Cd. 841 of 1901.)]

TIMERS.			TOTAL EMPLOYED.			Material.
Over 18 years.			Males.	Females.	Total.	
Males.	Females.	Total.				
148,724	234,479	383,203	205,230	333,853	538,883	Cotton. 1895. 1896. 1897. 1898.
149,146	232,852	381,998	203,686	329,234	532,920	
147,245	232,831	380,006	199,576	327,647	527,223	
146,642	233,685	380,527	197,701	328,406	526,107	
90,972	117,634	206,606	120,972	161,429	282,401	Wool, Worsted and Shoddy. 1895. 1896. 1897. 1898.
92,029	119,638	211,667	121,461	162,990	284,441	
84,905	113,374	198,279	111,278	154,466	265,744	
81,990	110,960	192,940	106,207	150,218	256,425	
35,351	84,850	120,001	51,206	100,813	161,019	Flax, Jute, Hemp and China Grass. 1895. 1896. 1897. 1898.
35,486	85,872	121,358	51,820	110,643	162,463	
34,551	84,075	118,626	50,374	109,057	159,431	
33,728	83,139	116,867	49,102	107,803	156,706	
8,816	17,530	26,346	11,419	24,463	35,882	Silk. 1895. 1896. 1897. 1898.
8,839	17,630	26,269	11,096	24,755	35,850	
8,579	18,263	26,842	10,888	25,749	36,637	
8,069	18,260	26,328	10,324	25,137	35,461	
8,220	17,341	25,561	9,771	24,427	34,198	Hosiery. 1895. 1896. 1897. 1898.
8,649	17,669	26,308	10,280	25,892	35,952	
8,454	18,160	26,614	9,925	26,250	36,175	
7,992	18,065	26,077	9,385	26,079	35,464	
7,714	3,778	11,492	9,118	5,450	14,568	Lace. 1895. 1896. 1897. 1898.
8,746	4,827	13,573	10,313	6,775	17,088	
8,793	5,168	13,961	10,484	6,963	17,447	
8,799	4,827	13,426	10,486	6,519	17,005	
3,473	3,366	6,839	4,165	4,635	8,800	Elastic, Cocoa-nut Fibre and Horsehair. 1895. 1896. 1897. 1898.
3,461	3,552	7,013	4,216	4,757	8,973	
3,531	3,306	6,837	4,326	4,581	8,907	
3,577	3,612	7,189	4,378	5,025	9,403	
303,270	478,778	782,048	411,881	663,870	1,075,751	All Materials. 1895. 1896. 1897. 1898.
306,156	482,030	788,186	412,841	664,846	1,077,687	
296,068	475,167	771,235	399,851	654,713	1,051,564	
290,797	472,567	763,364	387,583	648,967	1,036,570	

educational requirements, were allowed to work as Full-Timers. The total number of 1896 was 29,827 (11,735 boys and 17,892 girls).

## EMPLOYMENT OF SEAMEN.\*

## COMPARISON OF NUMBERS OF SEAMEN OF BRITISH AND FOREIGN NATIONALITY EMPLOYED IN 1891, 1896 AND 1901.

Nationality of Seamen.	Number of Seamen of all Ratings employed on			Increase (+) or Decrease (-) in 1901 as compared with	
	5th April 1891.	25th March 1896.	31st March 1901.	1891.	1896.
<b>ON SAILING VESSELS :</b>					
British .. .. .	43,257	55,826	24,983	- 18,274	- 10,842
Foreign .. .. .	9,312	9,668	7,990	- 1,422	- 1,778
<b>Total .. .. .</b>	<b>52,569</b>	<b>45,494</b>	<b>32,873</b>	<b>- 19,896</b>	<b>- 12,620</b>
<b>ON STEAM VESSELS :</b>					
British .. .. .	84,310	89,184	95,429	+ 11,119	+ 6,245
Foreign .. .. .	14,572	17,778	24,724	+ 10,152	+ 6,946
<b>Total .. .. .</b>	<b>98,882</b>	<b>106,962</b>	<b>120,153</b>	<b>+ 21,371</b>	<b>+ 13,191</b>
<b>TOTAL ON SAILING AND STEAM VESSELS :</b>					
British .. .. .	127,567	125,009	120,412	- 7,155	- 4,597
Foreign .. .. .	23,884	27,440	32,614	+ 8,730	+ 5,168
<b>Total .. .. .</b>	<b>151,451</b>	<b>152,455</b>	<b>153,026</b>	<b>+ 1,575</b>	<b>+ 571</b>
<b>LASCARS .. .. .</b>	<b>21,322</b>	<b>27,911</b>	<b>33,610</b>	<b>+ 12,288</b>	<b>+ 5,699</b>
<b>Grand Total .. .. .</b>	<b>172,773</b>	<b>180,366</b>	<b>186,636</b>	<b>+ 13,863</b>	<b>+ 6,270</b>

## NATIONALITIES OF SEAMEN OF ALL RATINGS—1901.

Country of Origin.	Number employed on 31st March 1901.	Country of Origin.	Number employed on 31st March 1901.
England and Wales (including Channel Islands and Isle of man).	78,064	Foreign Countries:—	
Scotland .. .. .	20,447	Sweden .. .. .	5,999
Ireland .. .. .	12,509	Germany .. .. .	5,110
<b>Total, British Islands ..</b>	<b>111,140</b>	Norway .. .. .	3,880
"British," not otherwise defined	2,971	United States .. .. .	2,748
Colonies .. .. .	5,893	Russia .. .. .	2,012
Born at sea, or birthplace not stated	408	Denmark .. .. .	1,588
		Other .. .. .	11,277
		<b>Total, Foreign Countries</b>	<b>32,614</b>
		<b>Lascars on Asiatic agreement</b>	<b>33,610</b>
		<b>Total number employed</b>	<b>186,636</b>

\* The above tables are compiled from a Return, Mercantile Marine (Seamen employed).—Cd.—1342 of 1902. The figures in the tables relate only to seamen on sea-going vessels (except fishing vessels and yachts) registered under Part I. of the Merchant Shipping Act of 1894 in the British Islands, and show only the number of seamen employed on such vessels on certain dates in 1901, 1896 and 1891, and not the total number of seamen following the sea service in connection with the above-mentioned class of vessels.

## EMPLOYMENT OF MARRIED WOMEN.

### PROPORTION OF WOMEN TEXTILE WORKERS, MARRIED AND UNMARRIED.

#### I. GENERAL SUMMARY.

[Compiled from Report on the Statistics of Employment of Women and Girls by Labour Department of Board of Trade, C. 7564 of 1894.]

Name of Trade.	Girls (under 18 Years of Age).		Women (18 Years of Age and upwards).					Grand Total, Women and Girls.
	Half-Timers.	Young Persons.	Un-married.	Married or Widowed.			Total Women.	
				Married.	Widowed.	Total Married or Widowed.		
Number employed in 1894 by firms making returns.								
Cotton.. ..	12,536	45,308	79,531	34,150	4,841	38,991	118,522	176,456
Woollen . . .	200	3,384	11,575	4,062	844	4,906	16,481	20,045
Worsted .. ..	3,944	13,288	23,039	5,158	1,111	6,269	29,308	48,540
Mixed woollen and worsted.	83	792	2,223	578	108	686	2,909	3,784
Total ..	16,763	62,812	116,308	43,948	6,904	50,852	167,220	246,826
Percentage.								
Cotton.. ..	7'1	25'7	45'1	19'4	2'7	22'1	67'2	100
Woollen .. ..	1'0	16'8	57'7	20'3	4'2	24'5	32'2	100
Worsted .. ..	8'5	28'5	49'5	11'1	2'4	13'5	63'0	100
Mixed woollen and worsted.	2'3	20'9	58'8	15'3	2'8	18'1	76'9	100
Total ..	6'8	25'5	47'1	17'8	2'8	26'6	67'7	100

**PROPORTION OF WOMEN TEXTILE WORKERS, MARRIED AND UNMARRIED—continued.**

**II. COTTON TRADE.**

[Compiled from Report on the Statistics of Employment of Women and Girls by Labour Department of Board of Trade, C. 7564 of 1894.]

Districts	Number employed in 1894 by firms making returns.							Grand Total, Women and Girls
	Girls (under 18 Years of Age).		Women (18 Years of Age and upwards).				Total Women.	
	Half-Timers.	Young Persons.	Un-married.	Married or Widowed.				
				Married.	Widowed.	Total Married or Widowed.		
Stockport .. ..	260	938	1,706	875	159	1,034	2,740	3,938
Neighbourhood of Stockport.	235	780	1,737	434	76	510	2,247	3,282
Ashton-under-Lyne and neighbourhood.	782	3,788	6,972	3,376	567	3,943	10,915	15,465
Salford .. ..	42	1,513	2,176	709	154	863	3,039	4,594
Neighbourhood of Salford and Manchester.	222	1,071	2,121	565	109	674	2,795	4,088
Leigh and neighbourhood.	359	1,671	2,349	516	76	592	2,941	4,971
Wigan.. ..	205	1,902	2,653	255	33	288	2,941	5,048
Bolton.. ..	1,137	4,247	6,750	1,390	354	1,744	8,494	13,878
Neighbourhood of Bolton.	384	1,530	2,453	627	158	785	3,238	5,162
Bury .. ..	431	1,491	2,625	1,328	233	1,561	4,386	6,308
Neighbourhood of Bury.	200	719	1,796	682	97	779	2,575	3,494
Oldham .. ..	395	2,729	4,723	2,065	285	2,370	7,093	10,217
Neighbourhood of Oldham.	476	2,003	3,490	1,337	169	1,506	4,996	7,476
Rochdale ... ..	344	1,259	2,606	939	135	1,074	3,680	5,283
Neighbourhood of Rochdale.	276	971	2,073	828	128	949	3,022	4,889
Todmorden, Bacup, Haslingden, and neighbourhood.	837	2,311	4,567	1,838	262	2,100	6,667	9,815
Chorley .. ..	429	1,364	2,402	835	120	955	3,357	5,150
Preston .. ..	953	3,130	5,155	2,792	412	3,204	8,359	12,442
Blackburn .. ..	1,344	3,590	5,909	4,092	460	4,552	10,551	15,485
Darwen, Accrington, Clitheroe, and neighbourhood.	1,539	3,455	6,865	3,745	377	4,122	10,987	15,971
Burnley .. ..	847	2,275	3,643	2,690	251	2,941	6,584	8,706
Neighbourhood of Burnley.	668	1,870	3,153	1,759	158	1,917	5,070	7,608
Miscellaneous places in Lancashire.	181	811	1,317	458	70	528	1,845	2,837
Lancashire and Cheshire.	12,536	45,398	79,531	34,150	4,841	38,991	116,522	176,456
Percentage .	7.1	25.7	45.1	19.4	2.7	22.1	67.2	100.0

**PROPORTION OF WOMEN TEXTILE WORKERS, MARRIED AND UNMARRIED—continued.**

**III. WOOLLEN TRADE.**

[Compiled from Report on the Statistics of Employment of Women and Girls by Labour Department of Board of Trade, C. 7564 of 1894.]

Districts.	Number employed in 1894 by firms making returns.							
	Girls (under 18 Years of Age).		Women (18 Years of Age and upwards).					Grand Total, Women and Girls.
	Half-Timers.	Young Persons.	Un-married.	Married or Widowed.			Total Women.	
				Married.	Widowed.	Total Married or Widowed.		
Leeds .. .. .	1	386	1,567	607	113	720	2,287	
Neighbourhood of Leeds.	2	324	1,134	396	50	446	1,580	1,906
Hallifax and neighbourhood.	37	167	742	160	42	202	944	1,148
Dewsbury, Batley, and neighbourhood.	..	982	3,615	1,211	224	1,435	5,050	6,032
Huddersfield ..	5	101	789	236	86	322	1,111	1,307
Neighbourhood of Huddersfield.	19	224	884	237	54	291	1,175	1,418
Yeadon, Calverley, and neighbourhood.	6	155	423	119	38	157	580	741
Mirfield and neighbourhood.	2	138	410	146	28	174	584	724
Dobcross and neighbourhood.	21	106	360	72	19	91	451	578
Miscellaneous places in Yorkshire.	7	174	431	181	34	215	646	827
<b>Total Yorkshire</b>	<b>100</b>	<b>2,847</b>	<b>10,355</b>	<b>3,365</b>	<b>688</b>	<b>4,053</b>	<b>14,408</b>	<b>17,356</b>
Miscellaneous places in Lancashire.	74	184	493	149	55	204	697	965
West of England ..	26	333	727	548	101	649	1,376	1,735
<b>Total .. ..</b>	<b>200</b>	<b>3,364</b>	<b>11,575</b>	<b>4,062</b>	<b>844</b>	<b>4,906</b>	<b>16,481</b>	<b>20,046</b>
Percentage ..	1'0	16'8	57'7	20'3	4'2	24'5	82'2	100'0

**PROPORTION OF WOMEN TEXTILE WORKERS, MARRIED AND UNMARRIED—continued.**

**IV. AND V.—WORSTED AND MIXED WOOLLEN AND WORSTED TRADE.**

[Compiled from Report on the Statistics of Employment of Women and Girls by Labour Department of Board of Trade, C. 7564 of 1894.]

Districts.	Number employed in 1894 by firms making returns.								Grand Total, Women and Girls.
	Girls (under 18 Years of Age).		Women (18 Years of Age and upwards).					Total Women.	
	Half-Timers.	Young Persons.	Un-married.	Married or Widowed.					
				Married.	Widowed.	Total Married or Widowed.			
<b>IV. Worsted Trade.</b>									
Keighley .. .. .	323	767	1,281	206	47	253	1,534	2,694	
Neighbourhood of Keighley.	317	892	1,691	467	108	575	2,266	3,476	
Shipley and North Bierley District.	343	1,152	2,031	553	100	653	2,684	4,179	
Bradford .. .. .	1,091	3,451	6,069	1,727	381	2,108	8,177	12,719	
Neighbourhood of Bradford.	275	1,165	2,593	691	141	832	3,425	4,865	
Halifax .. .. .	690	1,779	2,993	421	116	537	3,530	5,989	
Neighbourhood of Halifax.	541	1,592	2,110	215	48	263	2,373	4,506	
Huddersfield .. .. .	31	375	517	69	28	97	614	1,020	
Neighbourhood of Huddersfield.	46	352	752	115	16	131	883	1,281	
Wakefield and Horbury	3	308	411	28	6	34	445	766	
Dewsbury District ..	38	101	310	73	12	85	395	694	
Leeds .. .. .	16	364	815	221	35	256	1,071	1,451	
Skipton District .. .	46	145	243	79	16	95	338	529	
Miscellaneous places in Yorkshire.	146	592	898	150	34	184	1,082	1,820	
Total Yorkshire ..	3,906	13,125	22,714	5,015	1,068	6,103	23,817	46,848	
Colne and Nelson ..	38	163	325	143	23	166	491	692	
Total Yorkshire and Lancashire.	3,944	13,288	23,039	5,158	1,111	6,269	24,308	47,540	
Percentage .. .. .	8.5	28.5	49.5	11.1	2.4	13.5	63.0	100	
<b>V. Mixed Woollen and Worsted Trade.</b>									
Leeds .. .. .	..	149	596	193	26	219	815	964	
Other places in Yorkshire.	83	643	1,627	385	82	467	2,694	2,820	
Leeds and other places in Yorkshire.	83	792	2,223	578	108	686	2,909	3,784	
Percentage .. .. .	2.2	20.9	58.3	15.3	2.8	18.1	76.9	100	

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§ IX.—MISCELLANEOUS.

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**WORKMEN'S COMPEN-**  
**RETURNS OF SCHEMES CERTIFIED UNDER SECTION 3**  
*[ Compiled from Reports of Chief Registrar of Friendly Societies for 1901*

	1901.			
	Groups of Industries.			Total, 1901.
	Railways.	Factories, &c.	Mines, &c.	
	No.	No.	No.	No.
Number of Schemes in operation at 30th June, 1901.	2	21	28	51
"    "    Workmen employed ...	43,044	23,135	71,026	137,205
"    "    "    contracting out.	40,431	22,731	70,442	133,604
Receipts :—	£	£	£	£
Contributions by Workmen ...	9,651	9,650	35,873	49,174
"    "    Employers ...	21,306	7,206	49,481	77,993
Other Receipts ...	—	365	2,912	3,277
TOTAL ...	30,957	11,221	88,266	130,444
Payments :—	£	£	£	£
On Death and to Dependants ...	9,046	2,043	6,138	17,227
Incapacity ...	21,396	4,814	29,992	56,202
Other Benefits ...	184	1,484	7,069	8,737
Other Payments ...	—	607†	3,148	3,755
Management Expenses ...	—	216	5,672	5,888
TOTAL ...	30,626	9,164	52,019	91,809
Funds at end of Year ...	£ 1,345	£ 10,364	£ 111,307	£ 123,016
Estimated maximum amount payable under the Act for Incapacity †	2,401	2,308	4,886	9,595
Amount actually paid for Incapacity †	6,017	3,561	6,934	16,512
Number of Deaths :—	No.	No.	No.	No.
Where no dependants are left ...	5	2	38	45
Where dependants are left ...	79	12	75	166
TOTAL ...	84	14	113	211
Number of Dependants ...	160	27	233	420
Number of Cases of Incapacity ...	4,979	1,836	13,530	20,345

\* By this Section "contracting out" is allowed only if the compensation of the workmen is provided for under a Scheme certified by the Registrar of Friendly Societies as being on the whole not less favourable to the general body of workmen and their dependants than the provisions of the Act.

† Of this amount £300 consisted of payments in re-insurance of risks.

‡ These particulars relate to 23 schemes only.



## SATION SCHEMES.

## OF WORKMEN'S COMPENSATION ACT, 1897.\*

and 1902, Parts A, Parliamentary Paper 109 of 1902 and 77 of 1903.]

	1902.			
	Groups of Industries.			Total, 1902.
	Railways.	Factories, &c.	Mines, &c.	
	No.	No.	No.	No.
Number of Schemes in operation at 30th June, 1902.	2	17	28	47
"    "    Workmen employed ...	42,480	22,273	66,741	131,494
"    "    "    contracting out.	40,288	20,782	66,274	127,344
Receipts :—	£	£	£	£
Contributions by Workmen ...	9,715	2,918	34,551	47,184
"    "    Employers ...	20,346	6,026	47,386	73,758
Other Receipts ... ..	—	503	4,239	4,742
TOTAL ...	30,061	9,447	86,176	125,684
Payments :—	£	£	£	£
On Death and to Dependants ...	9,580	993	8,580	19,153
Incapacity ... ..	20,341	4,740	31,153	56,234
Other Benefits ... ..	179	1,248	8,169	9,596
Other Payments ... ..	—	663†	1,116	1,779
Management Expenses ... ..	—	140	6,517	6,657
TOTAL ...	30,100	7,784	55,535	93,419
Funds at end of Year ... ..	£ 1,306	£ 11,778	£ 141,949	£ 155,033
Estimated maximum amount pay- able under the Act for Incapacity.‡	2,471	1,820	4,900	9,191
Amount actually paid for Incapa- city.‡	5,982	2,859	6,793	15,634
Number of Deaths :—	No.	No.	No.	No.
Where no dependants are left ...	4	1	39	44
Where dependants are left ...	48	8	79	135
TOTAL ...	52	9	118	179
Number of Dependants ... ..	154	21	230	405
Number of Cases of Incapacity ...	4,793	1,770	13,086	19,649

\* By this Section "contracting out" is allowed only if the compensation of the workmen is provided for under a Scheme certified by the Registrar of Friendly Societies as being on the whole not less favourable to the general body of workmen and their dependants than the provisions of the Act.

† Of this amount £291 consisted of payments in re-insurance of risks.

‡ These particulars relate to 27 schemes only.



**PROSECUTIONS UNDER FACTORY AND WORKSHOP ACTS  
DURING 1901.**

[Extracted from Annual Report of Chief Inspector of Factories and Workshops  
for the Year 1901.—Cd. 1300 of 1902.]

Nature of Offence.	Number of				Total Penalties and Costs.
	Groups of Prosecutions.*	Cases.*	Con- victions.	Cases with- drawn on payment of Costs.	
<b>Administration.</b>					
Failure as regards:					£ s. d.
Keeping Registers, sending Notices, &c.	370	430	410	8	578 1 0
Posting of Abstracts, Notices, &c.	154	158	153	2	161 18 11
Obstruction or Personation of H.M. Inspectors.	7	8	5†	..	11 5 6
<b>Sanitation and Safety.</b>					
Failure to fence dangerous machinery‡	148	158	149	6	431 4 5
Failure to limewash factory, &c.	51	51	48	2	113 10 2
Other offences‡	60	63	61	1	619 0 0
<b>Children.</b>					
Age, fitness, &c., of children ..	54	70	69	..	69 11 7
Employment of children at illegal times.	68	87	87	..	110 18 6
Other offences .. .. .	28	28	27	1	26 18 0
<b>Young Persons.</b>					
Employing young person under 16 without certificate of fitness.	261	465	454	8	539 9 10
Employment of young persons at illegal times:					
Before or after legal hours ..	257	515	499	13	568 0 2
At night .. .. .	78	126	123	3	215 6 3
Beyond legal hour on Saturday	61	92	90	1	77 3 10
At meal times .. .. .	45	146	145	..	134 12 6
At other illegal times .. .. .	70	136	128	5	166 16 6
Other offences .. .. .	16	17	14	1	15 12 6
<b>Women.</b>					
Employment of women at illegal times:					
Before or after legal hours ..	141	328	324	2	300 8 8
At night .. .. .	44	103	101	..	123 13 6
Beyond legal hour on Saturday	53	142	141	..	102 18 10
At meal times .. .. .	73	307	304	..	266 1 8
At other illegal times .. .. .	71	178	172	2	196 10 0
<b>Dangerous Trades, &amp;c.</b>					
Failure to observe or affix Special Rules.	43	44	41	2	79 13 3
<b>Particulars Section.</b>					
Failure to supply sufficient or correct particulars, &c.	25	72	58	14	66 7 0
Truck Acts .. .. .	21	29	25	..	64 10 0
Other offences.. .. .	13	17	14	2	35 16 6
<b>Total for 1901 .. .. .</b>	<b>2,212</b>	<b>3,770</b>	<b>3,642</b>	<b>73</b>	<b>5,069 15 0</b>
<b>Total for 1900 .. .. .</b>	<b>1,889</b>	<b>3,287</b>	<b>3,151</b>	<b>50</b>	<b>3,971 5 0</b>

\* By Case is meant each item of prosecution. A summons for employing three women beyond legal hours is entered as three "cases" but as one "group of prosecutions."

† Including two convictions, which resulted in 3 months' and 21 days' imprisonment respectively.

‡ "Other offences" includes "Failure to fence dangerous machinery" in penal compensation cases.

## PROSECUTIONS UNDER THE MERCHANT

[Compiled from Returns furnished by the

Nature of Offence.	1901					Total Penalties and Costs.
	Groups of Prosecutions.	Informations laid.	Informations on which Convictions were obtained.	Cases With-drawn.	Cases Dis-missed.	
<b>By Owners or Masters of Ships.</b>						<i>£ s. d.</i>
Allowing centre of disc to be submerged.	13	13	13	..	..	481 3 8*
Carrying excessive deck cargoes ..	12	12	12	..	..	107 18 3
Offences in connection with Passenger Certificates:						
Plying for passengers with- out a Certificate. } Failing to post up Certificate }	..	..	..	..	..	..
Carrying passengers in excess of number certified.	3	3	3	..	..	55 17 0
Misconduct endangering ship ..	1	1	1	..	..	3 3 0
Illegally engaging seamen .. ..	5	5	5	..	..	19 14 10
Inducing to desert .. .. .	1	1	1	..	..	5 8 0
Failure to deliver a Certificate of Discharge.	1	1	1	..	..	30 0 0
Non-exhibition of lights .. .. .	6	7	5	..	1	9 9 0
Other offences .. .. .						
<b>Total .. ..</b>	<b>42</b>	<b>43</b>	<b>41</b>	<b>..</b>	<b>1</b>	<b>710 13 9</b>
<b>By Seamen.</b>						
False discharge .. .. .	2	2	2	..	..	3 13 6
False statement of name or of last ship.	6	7	6	..	..	12 0 0
False statement of character ..	1	1	1	..	..	1 4 6
Serving as second hand without Certificate.	1	1	1	..	..	2 6 0
Misconduct endangering ship ..	..	..	..	..	..	..
<b>Total .. ..</b>	<b>10</b>	<b>11</b>	<b>10</b>	<b>..</b>	<b>..</b>	<b>18 4 6†</b>
<b>By Boarding-house Keepers and Others.</b>						
Illegally boarding ships .. ..	10	10	9	..	1	26 5 8
Misdealing with wreck .. .. .	13	13	12	..	..	18 13 6
Demanding or receiving remuneration from seamen for employment.	8	9	5	4	..	24 16 0
Inducing to desert .. .. .	2	2	1	..	1	2 9 6
Assaulting Board of Trade Constable.	3	3	1	1	1	0 17 11
Illegally supplying seamen .. ..	..	..	..	..	..	..
Abetting in use of false discharge ..	..	..	..	..	..	..
<b>Total .. ..</b>	<b>36</b>	<b>37</b>	<b>28</b>	<b>5</b>	<b>3</b>	<b>73 2 7‡</b>
<b>Grand Total .. ..</b>	<b>88</b>	<b>91</b>	<b>79</b>	<b>5</b>	<b>4</b>	<b>802 0 4</b>

\* In one case the distress was levied on ship, and in a

† In five cases the defendants went to prison,

‡ In two cases the defendants went to prison; in one case the defendant was not served as

§ In sixteen cases the defendants went to prison; in four cases the defendants were

¶ In four cases, the

SHIPPING ACTS DURING 1901 AND 1902.

Solicitor's Department of the Board of Trade.]

1902.						Nature of Offence.
Groups of Prosecutions.	Informations laid.	Informations on which Convictions were obtained.	Cases withdrawn.	Cases Dismissed.	Total Penalties and Costs.	
					£ s. d.	<b>By Owners or Masters of Ships.</b>
11	11	11	..	..	848 2 0	Allowing centre of disc to be submerged.
10	10	9	..	1	833 11 6	Carrying excessive deck cargoes.
4	4	4	..	..	29 1 4	Offences in connection with Passenger Certificates :
15	15	15	1	1	158 4 2	Plying for Passengers without a Certificate.
3	3	1	..	2	1 0 0	Failing to post up Certificate.
3	3	3	..	..	16 4 2	Carrying passengers in excess of number certified.
3	3	3	..	..	45 12 5	Misconduct endangering ship.
2	2	2	..	..	9 10 0	Illegally engaging seamen.
..	..	3	1	3	5 16 0	Inducing to desert.
..	..	..	..	..	..	Failure to deliver a Certificate of Discharge.
..	..	..	..	..	..	Non-exhibition of lights.
..	..	..	..	..	..	Other offences.
58	58	49	2	7	936 1 7	<b>Total.</b>
						<b>By Seamen.</b>
23	23	20	..	2	26 15 6	False discharge.
3	3	3	..	..	5 15 6	False statement of name or of last ship.
15	15	12	1	2	57 2 1	False statement of character.
..	..	..	..	..	..	Serving as second hand without Certificate.
2	2	2	..	..	10 10 0	Misconduct endangering ship.
43	43	37	1	4	98 3 19	<b>Total.</b>
						<b>By Boarding-house Keepers and Others.</b>
10	10	10	..	..	26 10 6	Illegally boarding ships.
..	..	..	..	..	..	Misdealing with wreck.
10	10	2	6	2	10 2 6	Demanding or receiving remuneration from seamen for employment.
..	..	..	..	..	..	Inducing to desert.
..	..	..	..	..	..	Assaulting Board of Trade Constable.
7	7	3	4	..	36 0 10	Illegally supplying seamen.
1	1	1	..	..	3 6 6	Abetting in use of false discharge.
28	28	16	10	2	76 0 4	<b>Total.</b>
129	129	102	13	13	1,110 5 0	<b>Grand Total.</b>

second an order was made to levy ship in default of payment, and in one case the defendant failed to appear, he had removed; and in one case defendant was sent to prison without the option of a fine, sent to prison without the option of a fine, and in one case the defendant failed to appear, defendants went to prison.

## PROSECUTIONS UNDER MINES AND QUARRIES ACTS DURING 1901.

[Compiled from Mines and Quarries: General Report and Statistics for 1901.—Part II. Cd. 1227 of 1902.]

Nature of Offence.	No. of Prosecutions.	No. of Convictions.	Cases withdrawn or not proven.	Cases dismissed.	Total Amount of Fines and Costs imposed.
<b>Mines Acts.</b>					
<i>Prosecutions of Owners, Agents, and Managers, for:—</i>					
Contraventions of general and special rules:					£ s. d.
Inadequate ventilation .. .. .	15	12	..	3	82 13 8
Not keeping up report books .. .. .	8	6	1	1	8 15 0
Breaches of rules about safety lamps .. .. .	4	3	1	..	13 19 0
Breaches of rules about explosions .. .. .	9	6	..	3	14 11 0
Not fencing machinery .. .. .	5	3	2	..	9 0 0
Miscellaneous breaches .. .. .	27	15	11	1	150 10 6
Other offences .. .. .	21	15	4	2	118 13 0
<b>Total for 1901 ..</b>	<b>89</b>	<b>60*</b>	<b>19†</b>	<b>10</b>	<b>378 2 2</b>
<b>Total for 1900 ..</b>	<b>78</b>	<b>61</b>	<b>6</b>	<b>11</b>	<b>242 6 8</b>
<i>Prosecutions of Workmen for:—</i>					
Contraventions of rules about safety lamps ..	117‡	113	1	2	174 13 3
Contraventions of rules about matches and smoking.	230	224	..	6	330 18 7
Contraventions of rules about explosives .. ..	81	76	2	3	82 19 1
Contraventions of rules about timbering .. ..	61	57	..	4	82 4 0
Contraventions of rules about trams or tubs or inclined and engine planes:					
Riding or allowing riding on trams and tubs..	149	141	2	6	128 4 6
Other offences .. .. .	25	25	..	..	24 7 6
Disobeying orders .. .. .	81	81	..	..	72 3 2
Other offences.. .. .	200	181	3	16	241 17 6
<b>Total for 1901 ..</b>	<b>944‡</b>	<b>898‡</b>	<b>8†</b>	<b>37‡</b>	<b>1,137 7 7</b>
<b>Total for 1900 ..</b>	<b>646</b>	<b>611</b>	<b>2</b>	<b>30</b>	<b>654 15 8</b>
<b>Quarries Act.</b>					
<i>Prosecutions of Owners, Agents, &amp;c., for:—</i>					
Neglecting rules as to returns and notices ..	17	15	1	1	25 16 1
Breaches of special rule about explosives and blasting.	20	19	..	1	70 4 0
Breaches of special rule about machinery and plant.	7	7	..	..	14 12 0
Breaches of special rules about safety of quarry..	9	8	2	1	31 14 6
Not posting up abstract of Act .. .. .	7	4	..	3	10 9 0
Other offences .. .. .	7	7	..	..	13 8 0
<b>Total for 1901 ..</b>	<b>67</b>	<b>58‡</b>	<b>3†</b>	<b>6‡</b>	<b>168 3 7</b>
<b>Total for 1900 ..</b>	<b>82</b>	<b>67</b>	<b>7</b>	<b>8</b>	<b>117 4 10</b>
<i>Prosecutions of Workmen for:—</i>					
Breaches of special rules relating to explosives and blasting.	12	9	3	..	11 5 0
<b>Total for 1900 ..</b>	<b>13</b>	<b>19</b>	<b>1</b>	<b>..</b>	<b>6 14 0</b>
<b>Factory and Workshop Acts.**</b>					
<i>Prosecutions of Occupiers for:—</i>					
Not fencing machinery .. .. .	5	5	..	..	16 0 0
Other offences.. .. .	2	2	..	..	3 3 0
<b>Total for 1901 ..</b>	<b>7</b>	<b>7‡</b>	<b>..</b>	<b>..</b>	<b>19 3 0</b>
<b>Total for 1900 ..</b>	<b>12</b>	<b>12</b>	<b>..</b>	<b>..</b>	<b>29 15 6</b>

\* Including cases "admonished."

† Including cases withdrawn on payment of costs.

‡ One offender absconded.

§ Including cases in which 19 offenders were sent to prison, 3 were admonished, one was birched and 2 were bound over to keep the peace and one failed to appear.

¶ Including cases quashed on appeal.

\*\* Including cases dismissed on payment of costs.

\*\*\* Prosecutions by H.M. Inspectors of Mines under the Factory and Workshop Acts in factories or workshops connected with metalliferous mines and quarries.

## SAVINGS BANKS.

## NUMBER OF ACCOUNTS OPEN.

[Extracted from the Statistical Abstract for the United Kingdom.]

## A.—POST OFFICE SAVINGS BANKS.

At 31st December	England.*	Wales.	Scotland.	Ireland.	United Kingdom.*
1886 .. .. .	3,321,567	130,788	181,873	147,193	3,731,421
1887 .. .. .	3,513,488	139,744	199,681	168,848	3,961,761
1888 .. .. .	3,760,048	150,288	148,288	172,306	4,230,927
1889 .. .. .	3,999,273	163,266	159,920	185,380	4,507,809
1890 .. .. .	4,456,088		172,438	198,790	4,827,314
1891 .. .. .	4,723,929		182,590	212,076	5,118,595
1892 .. .. .	5,027,431		199,062	225,823	5,452,316
1893 .. .. .	5,292,178		220,117	236,944	5,748,239
1894 .. .. .	5,610,032		238,861	259,870	6,108,763
1895 .. .. .	5,912,496		260,802	280,499	6,453,597
1896 .. .. .	6,276,493		283,566	301,976	6,862,035
1897 .. .. .	6,612,639		304,636	322,486	7,239,761
1898 .. .. .	6,960,995		327,457	342,070	7,630,502
1899 .. .. .	7,332,728		351,236	362,716	8,046,680
1900 .. .. .	7,685,317		372,801	381,865	8,439,983
1901 .. .. .	7,999,764		388,072	399,839	8,787,675
1902 .. .. .	8,303,586		406,673	423,902	9,133,161

\* Including Islands in the British Seas.

## B.—TRUSTEE SAVINGS BANKS.

At 20th November	England.*	Wales.	Scotland.	Ireland.	United Kingdom.*
1886 .. .. .	1,187,726	27,389	325,914	49,775	1,590,804
1887 .. .. .	1,193,563	26,941	335,112	49,984	1,604,610
1888 .. .. .	1,158,739	25,439	346,126	40,242	1,579,546
1889 .. .. .	1,116,599	24,891	359,679	50,455	1,551,594
1890 .. .. .	1,089,099	24,120	372,920	49,643	1,535,782
1891 .. .. .	1,055,186	23,680	381,940	49,276	1,510,282
1892 .. .. .	1,041,544	23,480	387,891	49,005	1,501,920
1893 .. .. .	1,027,132	21,447	376,082	46,505	1,471,148
1894 .. .. .	1,018,071	20,175	385,190	47,510	1,470,946
1895 .. .. .	1,013,841	18,791	435,474	48,123	1,516,229
1896 .. .. .	998,256	18,542	430,194	48,911	1,485,903
1897 .. .. .	1,008,388	18,416	450,895	49,518	1,527,217
1898 .. .. .	1,027,166	18,342	468,714	49,725	1,563,947
1899 .. .. .	1,047,890	18,373	484,898	50,324	1,601,485
1900 .. .. .	1,060,147	18,558	496,000	50,318	1,625,023
1901 .. .. .	1,072,177	18,655	505,179	51,191	1,647,202
1902 .. .. .	1,084,390	18,347	515,361	52,296	1,670,394

NOTE.—The number of accounts of Penny Banks, Charitable Institutions, and Friendly Societies included above was in—

1886 .. .. .	26,689	955	3,815	560	32,019
1902 .. .. .	23,123	387	8,266	710	32,676

\* Including Channel Islands.

## SAVINGS BANKS.

## RECEIPTS, PAYMENTS, AND

[Compiled from the Statistical

## A.—POST OFFICE SAVINGS BANKS.

		England and Wales.‡	Scotland.	Ireland.	United Kingdom.§
Year ended 31st December		£	£	£	£
AMOUNT RECEIVED FROM DEPOSITORS.*	1886 .. ..	15,463,426	384,935	1,018,081	16,866,442
	1887 .. ..	16,305,994	414,104	1,059,908	17,780,006
	1888 .. ..	18,743,829	450,057	1,191,178	20,385,064
	1889 .. ..	19,572,041	500,607	1,184,845	21,257,493
	1890 .. ..	20,769,803	558,307	1,215,937	22,544,047
	1891 .. ..	21,170,281	560,964	1,261,806	22,993,050
	1892 .. ..	22,653,356	635,287	1,302,651	24,591,294
	1893 .. ..	24,352,782	741,470	1,414,867	26,509,128
	1894 .. ..	29,602,953	988,234	1,864,166	32,455,352
	1895 .. ..	31,071,405	1,236,372	1,963,423	34,301,205
	1896 .. ..	35,177,703	1,420,764	2,120,537	38,718,994
	1897 .. ..	34,772,070	1,477,123	2,173,947	38,423,140
	1898 .. ..	36,382,192	1,566,980	2,251,020	40,200,142
1899 .. ..	38,154,169	1,663,247	2,328,565	42,145,981	
1900 .. ..	39,596,852	1,671,225	2,394,335	43,662,412	
1901 .. ..	40,600,931	1,672,592	2,458,741	44,732,314	
1902 .. ..	41,117,126	1,776,469	2,714,377	45,607,972	
AMOUNT PAID TO DEPOSITORS.†	1886 .. ..	12,036,813	299,952	753,178	13,089,943
	1887 .. ..	13,524,074	326,253	829,951	14,680,278
	1888 .. ..	14,572,093	340,214	890,488	15,802,795
	1889 .. ..	15,494,852	375,869	943,546	16,814,267
	1890 .. ..	16,495,202	436,429	977,229	17,908,860
	1891 .. ..	17,574,047	445,242	1,000,506	19,019,855
	1892 .. ..	18,708,013	481,227	1,066,977	20,246,217
	1893 .. ..	19,949,093	530,120	1,265,353	21,744,566
	1894 .. ..	21,919,841	638,445	1,236,641	23,786,927
	1895 .. ..	23,611,740	721,680	1,364,866	25,698,286
	1896 .. ..	26,066,652	851,675	1,571,001	28,489,328
	1897 .. ..	28,047,895	954,982	1,622,118	30,624,995
	1898 .. ..	30,132,440	1,088,523	1,781,866	32,962,829
1899 .. ..	32,039,450	1,289,770	1,842,255	35,171,475	
1900 .. ..	34,851,383	1,332,736	2,047,253	38,231,372	
1901 .. ..	36,391,001	1,417,423	2,081,919	39,890,043	
1902 .. ..	37,791,371	1,495,740	2,108,680	41,395,800	
AMOUNT DUE TO DEPOSITORS: at 31st December.	1886 .. ..	47,116,488	1,054,774	2,703,075	50,874,337
	1887 .. ..	49,898,408	1,142,625	2,933,032	53,974,065
	1888 .. ..	54,070,204	1,252,468	3,233,722	58,556,394
	1889 .. ..	58,147,393	1,377,206	3,475,021	62,999,620
	1890 .. ..	63,421,994	1,499,084	3,713,720	67,634,807
	1891 .. ..	66,018,228	1,614,806	3,974,968	71,608,002
	1892 .. ..	69,875,571	1,768,866	4,210,642	75,855,079
	1893 .. ..	74,277,260	1,980,225	4,340,156	80,597,641
	1894 .. ..	81,960,372	2,330,014	4,975,680	89,266,066
	1895 .. ..	89,420,027	2,844,706	5,004,242	97,268,975
	1896 .. ..	98,531,078	3,413,785	6,153,778	108,098,641
	1897 .. ..	105,255,253	3,935,926	6,705,607	115,896,786
	1898 .. ..	111,505,005	4,414,333	7,224,761	123,144,099
1899 .. ..	117,619,724	4,787,810	7,711,071	130,118,605	
1900 .. ..	122,365,193	5,126,209	8,058,153	135,549,645	
1901 .. ..	126,575,173	5,381,468	8,436,275	140,392,916	
1902 .. ..	129,900,928	5,962,188	9,041,972	144,905,088	

\* Including interest credited to depositors and dividends on Stock held for depositors; deposits for immediate investment in Stock and for purchase of annuities and insurances; sums credited in respect of Stock sold for depositors, and in respect of payments under annuity and insurance contracts.

† Including withdrawals for investment in Stock and for purchase of annuities and insurances; withdrawals consequent on sale of Stock, of payments to annuitants and insurants and their representatives.

‡ Exclusive of Government Stock held for depositors.

§ Including Islands in the British Seas.



## SAVINGS BANKS.

## AMOUNTS DUE TO DEPOSITORS.

Abstract for the United Kingdom.]

## B.—TRUSTEE SAVINGS BANKS.

		England.‡	Wales.	Scotland.	Ireland.	United Kingdom.‡
Year ended 20th November		£	£	£	£	£
AMOUNT RECEIVED FROM DEPOSITORS.*	1886 .. ..	7,961,717	212,599	2,613,147	452,776	11,260,239
	1887 .. ..	7,830,949	147,122	2,697,166	461,592	11,136,829
	1888 .. ..	7,630,396	141,946	2,820,421	460,082	11,053,045
	1889 .. ..	7,183,027	133,734	2,900,045	455,330	10,672,636
	1890 .. ..	7,023,329	145,031	3,051,633	429,139	10,649,132
	1891 .. ..	6,677,100	143,320	3,065,388	428,800	10,314,706
	1892 .. ..	6,571,315	128,150	3,088,595	419,918	10,187,978
	1893 .. ..	6,408,391	110,739	3,222,580	401,160	10,142,770
	1894 .. ..	7,078,096	105,055	3,736,682	487,910	11,408,343
	1895 .. ..	7,266,962	93,107	4,310,987	506,367	12,177,423
	1896 .. ..	7,585,545	99,364	4,947,042	519,334	13,161,185
	1897 .. ..	7,611,515	97,324	4,956,288	514,639	13,180,266
	1898 .. ..	7,674,351	97,047	5,165,485	511,001	13,447,784
	1899 .. ..	8,018,259	105,151	5,328,408	527,690	13,979,508
	1900 .. ..	7,967,611	118,190	4,994,936	519,208	13,499,945
1901 .. ..	7,965,745	122,042	5,110,511	543,701	13,782,099	
1902 .. ..	7,980,115	117,229	5,440,662	560,187	14,098,193	
AMOUNT PAID TO DEPOSITORS.†	1886 .. ..	7,712,729	361,392	2,256,758	441,274	10,772,153
	1887 .. ..	7,756,355	183,641	2,340,033	428,673	10,708,602
	1888 .. ..	8,827,666	186,554	2,440,034	476,425	11,910,579
	1889 .. ..	8,765,423	151,071	2,590,041	437,069	11,949,504
	1890 .. ..	8,607,301	185,602	2,870,407	483,290	12,136,400
	1891 .. ..	7,694,740	144,537	2,793,920	451,496	11,089,693
	1892 .. ..	7,238,946	145,486	2,870,979	422,783	10,678,094
	1893 .. ..	6,819,996	203,111	2,761,380	500,552	10,284,619
	1894 .. ..	6,827,435	147,603	2,824,984	377,137	10,177,039
	1895 .. ..	6,676,959	145,214	3,101,308	418,465	10,339,646
	1896 .. ..	7,640,072	97,577	3,601,013	425,517	11,764,179
	1897 .. ..	6,840,328	93,957	4,037,215	443,758	11,415,156
	1898 .. ..	7,018,776	98,515	4,334,398	466,620	11,917,209
	1899 .. ..	7,345,193	95,745	4,659,248	469,785	12,509,951
	1900 .. ..	7,867,027	101,963	4,913,439	541,528	13,448,957
1901 .. ..	8,026,048	103,372	4,628,703	493,007	13,251,630	
1902 .. ..	8,019,182	137,781	4,906,021	496,514	13,559,498	
AMOUNT DUE TO DEPOSITORS; at 20th November.	1886 .. ..	35,591,195	951,090	8,331,321	2,029,689	46,843,995
	1887 .. ..	35,595,889	915,171	8,688,354	2,062,808	47,262,222
	1888 .. ..	34,398,619	890,363	9,068,741	2,047,065	46,404,688
	1889 .. ..	32,816,323	872,926	9,374,745	2,065,826	45,127,820
	1890 .. ..	31,232,451	852,455	9,553,971	2,011,676	43,850,552
	1891 .. ..	30,214,311	861,338	9,830,437	1,968,979	42,875,565
	1892 .. ..	29,547,580	834,002	10,018,063	1,986,114	42,385,449
	1893 .. ..	29,136,475	741,630	10,478,773	1,886,722	42,243,600
	1894 .. ..	29,387,736	699,182	11,390,491	1,997,485	43,474,904
	1895 .. ..	29,978,039	647,075	12,000,170	2,087,307	45,312,681
	1896 .. ..	29,923,112	648,762	13,946,199	2,181,214	46,699,687
	1897 .. ..	30,694,799	652,629	14,865,372	2,252,087	48,464,797
	1898 .. ..	31,350,374	651,161	15,696,459	2,297,478	49,995,372
	1899 .. ..	32,023,340	660,667	16,395,619	2,355,403	51,404,929
	1900 .. ..	32,003,324	678,794	16,442,116	2,333,083	51,455,917
1901 .. ..	31,963,621	694,464	16,924,024	2,383,777	51,968,386	
1902 .. ..	31,924,554	674,412	17,458,665	2,447,450	52,505,081	

NOTE.—The amount due to Penny Banks, Charitable Institutions, and Friendly Societies included above was in—

	£	£	£	£	£
1886 .. ..	3,091,187	124,895	237,157	43,784	3,487,023
1902 .. ..	2,147,991	70,086	534,114	69,533	2,821,534

\* Including Interest and sums received for Government Stock sold for Depositors and also credit of dividends on Government Stock held for Depositors.

† Including sums paid for Government Stock purchased for Depositors.

‡ Exclusive of Government Stock held for Depositors. § Including Channel Islands.

**PAUPERISM.**  
**NUMBER OF PAUPERS.**  
**ENGLAND AND WALES.**

[Extracted from the Statistical Abstract for the United Kingdom.]

Year.	Adult Able-bodied.			All other Paupers (exclusive of Vagrants).			Total.*		
	In-door.	Out-door.	Total.	In-door.	Out-door.	Total.	In-door.	Out-door.	Total.
<b>ON THE FIRST DAY OF January.</b>									
1887	27,032	83,197	110,229	169,821	537,139	706,960	198,853	820,336	817,189
1888	28,037	83,896	112,533	172,029	540,947	712,976	200,666	824,843	825,509
1889	27,191	77,636	104,817	171,000	534,315	705,315	198,191	811,941	810,132
1890	26,917	71,828	97,745	169,131	520,669	689,800	195,048	592,497	787,545
1891	27,334	70,990	98,794	165,108	511,003	676,111	192,942	581,963	774,905
1892	31,988	67,546	99,534	180,472	494,479	664,951	192,460	562,026	754,486
1893	34,752	72,426	107,178	165,182	504,098	669,280	199,934	576,524	776,458
1894	38,919	77,569	116,478	173,710	522,253	695,963	212,829	599,812	812,441
1895	40,330	74,085	114,415	175,218	527,798	703,016	215,548	601,883	817,431
1896	41,327	71,052	112,379	175,545	539,293	714,838	216,872	610,345	827,217
1897	40,888	68,429	109,327	175,631	539,904	715,535	216,029	608,333	824,362
1898	40,698	66,373	107,071	177,740	538,539	716,279	218,438	604,912	823,350
1899	39,029	61,389	100,418	178,804	528,508	707,312	217,833	589,897	807,730
1900	38,662	61,058	99,720	178,486	519,548	698,034	217,148	580,606	797,630
1901	37,570	59,088	96,658	178,063	515,091	693,144	215,623	574,179	789,689
1902	39,862	61,496	101,348	186,912	523,404	710,316	226,764	584,900	811,449
1903	42,475	63,937	106,412	192,369	534,409	726,778	234,844	598,346	833,006
<b>ON THE FIRST DAY OF July.</b>									
1886	18,973	75,923	94,896	151,734	518,587	670,321	170,707	594,510	765,217
1887	19,373	73,524	92,897	154,088	517,944	672,032	173,461	591,468	764,929
1888	20,003	72,813	92,816	153,705	521,574	675,279	173,708	594,387	768,096
1889	18,709	67,781	86,490	152,802	513,740	666,542	171,511	581,521	753,032
1890	18,079	64,264	82,343	150,023	501,080	651,108	168,107	565,344	733,451
1891	20,796	64,601	85,397	147,529	489,108	636,637	168,325	553,709	722,034
1892	25,852	67,207	92,859	146,317	488,143	634,460	171,969	555,360	727,319
1893	27,065	66,384	93,949	153,384	497,722	651,606	180,949	564,608	745,555
1894	29,021	66,142	95,163	156,699	507,456	664,155	185,720	573,598	759,318
1895	30,029	68,133	98,162	160,129	525,263	685,392	190,158	593,396	783,554
1896	30,044	64,787	94,831	159,935	527,537	687,472	189,979	592,324	782,303
1897	31,070	62,751	93,821	160,695	527,515	688,210	191,765	590,266	782,031
1898	32,193	62,096	94,291	165,781	553,882	719,163	197,944	635,480	833,424
1899	30,112	57,477	87,589	164,905	515,950	680,855	195,017	573,427	768,304
1900	29,589	56,018	85,607	162,636	505,279	667,915	192,225	561,297	753,489
1901	30,338	57,676	88,014	166,789	512,985	681,754	199,107	579,661	766,677
1902	32,648	58,849	91,497	174,425	521,588	696,013	207,073	590,437	797,375

\*A few paupers received both in-door and out-door relief on the same day. Prior to 1899 these paupers are included once only in the figures in the Table, but in 1899 and subsequent years they are included both in the number of in-door and of out-door paupers: they are counted once only, however, in the Total Number of Paupers shown

NUMBER OF PAUPERS—*continued.*

SCOTLAND.

[*Extracted from the Statistical Abstract for the United Kingdom.*]

Year.	Number in receipt of Relief.		Number of Vagrants included in preceding columns.	
	Paupers.	Dependants.	Paupers.	Dependants.
<b>ON January 14TH.*</b>				
1887	63,408	36,326	245	128
1888	63,065	35,667	181	84
1889	62,242	34,647	132	50
1890	61,577	33,463	111	35
1891	60,844	32,578	93	40
1892	60,633	32,651	151	62
1893	60,734	32,762	180	31
1894	61,978	33,218	109	19
1895	63,307	33,611	198	54
1896	64,673	34,847	211	48
1897	65,918	34,996	177	50
1898	66,519	34,889	133	22
1899	66,755	34,755	165	36
1900	65,929	34,003	132	40
1901	65,817	35,002	166	22
1902	66,886	35,663	139	33
1903	68,001	36,674	144	36
<b>ON September 14TH.*</b>				
1886	61,469	35,187	131	65
1887	61,577	34,650	171	61
1888	60,777	34,428	134	97
1889	60,201	33,640	82	22
1890	59,371	31,997	40	21
1891	58,875	31,771	85	35
1892	58,638	31,304	136	66
1893	59,685	31,714	115	65
1894	60,990	32,489	133	69
1895	62,360	33,985	87	53
1896	63,362	33,968	132	31
1897	64,305	33,862	115	42
1898	64,343	33,647	158	29
1899	64,221	33,363	104	33
1900	63,752	33,321	109	30
1901	64,480	34,322	73	28
1902	65,111	35,116	91	43

\* From January 1896 onwards the figures relate to the 15th of each month.

## PAUPERISM.

## NUMBER OF PAUPERS—continued.

## IRELAND.

[Compiled from the Statistical Abstract for the United Kingdom, and from information supplied by the Local Government Board, Ireland.]

Year.	In-door.			Casuals included in the Total of In-door Paupers.	Out-door.	Main-tained from the Poor Rate in asylums for the blind and other public institutions†	Total.
	Adult Able-bodied.*	All other Paupers.	Total.				
<b>AT CLOSE OF FIRST WEEK OF January.</b>							
1887 .. .. .	7,380	40,010	47,390	480	65,015	836	113,241
1888 .. .. .	7,866	40,370	48,236	566	64,834	877	113,947
1889 .. .. .	7,200	39,164	46,364	589	62,760	833	109,957
1890 .. .. .	6,817	37,836	44,653	525	62,213	908	107,774
1891 .. .. .	6,208	36,383	42,601	419	63,426	1,102	107,129
1892 .. .. .	5,953	36,065	42,018	463	60,700	1,112	103,839
1893 .. .. .	6,272	36,483	42,755	496	59,001	1,109	102,865
1894 .. .. .	6,495	37,370	43,865	550	59,170	1,176	104,211
1895 .. .. .	6,059	36,840	42,899	482	57,005	1,187	101,071
1896 .. .. .	6,030	36,165	42,195	621	55,019	1,413	98,627
1897 .. .. .	5,955	36,715	42,670	555	54,767	1,445	98,882
1898 .. .. .	6,223	37,333	43,556	609	55,368	1,422	100,346
1899 .. .. .	6,180	38,386	44,566	604	58,732	1,462	102,760
1900 .. .. .	5,724	38,096	43,820	612	58,534	1,512	103,866
1901 .. .. .	4,947	36,934	41,881	596	57,757	1,452	101,090
1902 .. .. .	5,322	38,209	43,531	699	57,813	1,427	102,771
1903 .. .. .	4,920	38,680	43,600	621	58,214	1,414	103,228
<b>AT CLOSE OF FIRST WEEK OF July.</b>							
1886 .. .. .	5,745	37,550	43,295	446	123,713	807	167,815
1887 .. .. .	5,726	37,004	42,730	421	69,001	904	112,635
1888 .. .. .	5,714	36,222	41,936	573	65,931	823	108,690
1889 .. .. .	5,472	35,215	40,687	501	63,006	836	104,589
1890 .. .. .	5,243	34,378	39,621	462	62,218	1,009	102,848
1891 .. .. .	4,904	34,119	39,023	359	64,570	1,115	104,708
1892 .. .. .	4,987	33,198	38,185	480	60,123	1,116	98,424
1893 .. .. .	4,989	33,356	38,345	419	58,784	1,187	98,266
1894 .. .. .	5,044	33,833	38,877	546	57,461	1,200	97,538
1895 .. .. .	4,837	32,844	37,681	604	58,462	1,362	97,505
1896 .. .. .	4,763	33,230	37,993	434	54,750	1,406	94,149
1897 .. .. .	4,891	34,173	39,064	553	56,078	1,438	98,560
1898 .. .. .	5,023	35,951	40,974	585	85,564	1,455	127,093
1899 .. .. .	4,662	35,354	40,016	488	58,370	1,511	99,897
1900 .. .. .	4,261	33,859	38,120	453	58,382	1,445	97,947
1901 .. .. .	4,229	34,459	38,688	597	57,787	1,432	97,907
1902 .. .. .	3,969	35,666	39,635	536	58,190	1,442	98,267

\* Exclusive of any who are temporarily disabled by sickness.

NUMBER OF PAUPERS—*continued.*

UNITED KINGDOM.

Year.	Number of Paupers (exclusive of Vagrants).				Proportion of Paupers per 10,000 of estimated Population.
	England and Wales.	Scotland.	Ireland.	United Kingdom.	
<b>ON ONE DAY IN THE Winter.</b>					
1888 (Jan.) ..	825,509	98,487	113,351	1,037,347	283
1889 " ..	810,132	96,707	109,368	1,016,207	274
1890 " ..	787,545	94,894	107,249	989,688	265
1891 " ..	774,905	93,289	106,710	974,904	259
1892 " ..	754,485	93,051	103,378	950,912	250
1893 " ..	776,468	93,285	102,369	972,112	254
1894 " ..	812,441	95,068	103,661	1,011,170	261
1895 " ..	817,431	96,671	100,589	1,014,691	260
1896 " ..	827,217	99,261	98,006	1,024,484	260
1897 " ..	824,362	100,687	98,327	1,023,376	257
1898 " ..	823,350	101,253	99,737	1,024,340	255
1899 " ..	807,739	101,309	102,156	1,011,195	249
1900 " ..	797,630	99,760	103,254	1,000,644	244
1901 " ..	789,689	100,631	100,496	990,815	240
1902 " ..	811,448	102,322	102,072	1,015,843	243
1903 " ..	833,005	104,495	102,607	1,040,107	248
<b>ON ONE DAY IN THE Summer.</b>					
1887 .. ..	764,929	95,975	112,214	973,118	266
1888 .. ..	768,095	94,972	108,117	971,184	263
1889 .. ..	753,032	93,737	104,088	950,857	256
1890 .. ..	733,451	91,307	102,388	927,144	247
1891 .. ..	722,034	90,526	104,349	916,909	243
1892 .. ..	727,319	89,740	98,964	916,023	240
1893 .. ..	745,555	91,419	97,847	934,821	243
1894 .. ..	759,318	93,277	96,992	949,587	244
1895 .. ..	783,554	96,225	96,901	976,680	249
1896 .. ..	782,303	97,187	93,715	973,205	245
1897 .. ..	782,031	96,010	96,027	976,068	244
1898 .. ..	833,421	97,823	127,408	1,058,655	262
1899 .. ..	798,304	97,437	99,409	995,150	257
1900 .. ..	753,469	97,434	97,494	948,397	250
1901 .. ..	769,877	98,701	97,310	965,888	252
1902 .. ..	787,375	100,093	98,731	986,199	255

## CLASSIFICATION OF PAUPERS BY AGE.

## ENGLAND AND WALES.

[Compiled from Parliamentary Paper No. 265 of 1892.]

Ages of Persons relieved.	Number of Separate Individuals in Receipt of Relief at any time during Year ended Lady-Day, 1892* (Vagrants and Lunatics not included).									Ratio of Persons relieved per 10,000 of the Population living at the various Ages.†
	Metropolis.			Other Parts of England and Wales.			Total, England and Wales.			
	Males.	Fe-males.	Total.	Males.	Fe-males.	Total.	Males.	Fe-males.	Total.	
<b>IN-DOOR PAUPERS.</b>										
Under 16 years: ..	..	..	37,155	..	..	74,627	..	..	111,782	} 126
Of 16 and under 65 years.	49,599	35,259	84,858	84,963	62,464	147,426	134,561	97,723	232,284	
Of 65 years and upwards.	30,079	18,645	38,724	48,411	27,009	75,420	68,490	45,654	114,144	832
All ages ..	..	..	160,737	..	..	297,473	..	..	458,210	158
<b>OUT-DOOR PAUPERS.‡</b>										
Under 16 years: ..	..	..	63,516	..	..	378,289	..	..	441,805	} 299
Of 16 and under 65 years.	24,608	38,900	63,508	117,218	204,873	322,091	141,326	243,473	385,299	
Of 65 years and upwards.	7,159	18,896	26,055	87,961	173,724	261,705	95,140	192,630	287,760	2,096
All ages ..	..	..	152,779	..	..	662,065	..	..	1,114,864	334
<b>TOTAL.§</b>										
Under 16 years: ..	..	..	100,671	..	..	452,916	..	..	553,587	} 424
Of 16 and under 65 years.	74,207	73,859	148,066	202,180	267,357	469,517	276,387	341,196	617,583	
Of 65 years and upwards.	37,238	37,541	64,779	136,392	200,733	337,125	163,630	238,274	401,904	2,928
All ages ..	..	..	313,516	..	..	1,259,558	..	..	1,573,074	542

\* The Return states that, in order to avoid duplicate reckonings, persons relieved during the twelve months are entered in the Return according to their ages when they were last relieved during the twelve months, and as In-door or Out-door Paupers according as they received In-door or Out-door Relief last during the twelve months; non-resident Paupers are included only in the Returns of the Unions to which they were chargeable.

† The figures in this column are calculated on the population at 5th April 1891, while the numbers of persons relieved include those living at the end of the year ended Lady-day, 1892 and those who died during that year.

‡ The sex of persons under 16 years of age cannot be given.

§ *Medical relief.*—Included in the numbers of out-door paupers are the following, who were in receipt of medical relief only:—

Under 16 years ..	..	..	12,142	..	..	56,434	..	..	68,576	..
Of 16 and under 65 years.	10,489	13,530	24,019	44,305	48,705	93,010	54,764	62,235	117,029	..
Of 65 years and upwards.	2,519	3,247	5,766	8,714	10,967	19,711	11,233	14,244	25,477	..
All ages ..	..	..	41,927	..	..	169,155	..	..	211,062	..

*Note.*—According to the Annual Report of the Local Government Board for 1899-1900, the number of paupers aged 65 and upwards relieved in England and Wales on 1st July, 1899, was 278,718 (exclusive of vagrants and lunatics), being 41·3 per cent. of the total number relieved at that date. The corresponding number relieved on 1st January, 1900, was 286,929, or 40·8 per cent. of the total number relieved.

CLASSIFICATION OF PAUPERS BY AGE—*continued.*

IRELAND.

[ *Compiled from Parliamentary Paper No. 360 of 1892.* ]

Ages of Persons relieved.	Number of Separate Individuals in Receipt of Relief at any time during the Year ended Lady-Day, 1892.*			Ratio of Persons relieved per 10,000 of the Population living at the various Ages.†
	Males.	Females.	Total.	
<b>IN-DOOR PAUPERS.</b>				
Under 16 years ... ..	20,967	20,643	41,610	} 492
Of 16 and under 65 years ...	119,438	55,602	175,040	
Of 65 years and upwards ...	22,720	17,446	40,166	1,336
All ages ... ..	163,125	93,691	256,816	546
<b>OUT-DOOR PAUPERS.</b>				
Under 16 years ... ..	23,424	23,005	46,429	} 188
Of 16 and under 65 years ...	12,932	23,443	36,375	
Of 65 years and upwards ...	12,401	28,222	40,623	1,351
All ages ... ..	48,757	74,670	123,427	262
<b>TOTAL.</b>				
Under 16 years .. ..	44,391	43,648	88,039	} 680
Of 16 and under 65 years ...	132,370	79,045	211,415	
Of 65 years and upwards ...	35,121	45,668	80,789	2,687
All ages ... ..	211,882	168,361	380,243	808

\* The Return states that, in order to avoid duplicate reckonings, persons relieved during the 12 months are entered in the Return according to their ages when they were last relieved during the 12 months, and as in-door or out-door paupers, according as they received in-door or out-door relief last during the 12 months; non-resident paupers are included only in the Returns of the Unions to which they were chargeable.

† The figures in this column are calculated on the population at 5th April, 1891, while the numbers of persons relieved include those living at the end of the year ended Lady-Day, 1892, and those who died during that year.

SCOTLAND.—According to the Annual Report for 1902 of the Local Government Board for Scotland, the number of the ordinary poor of 65 years of age and upwards (excluding lunatics), relieved in Scotland on the 15th May, 1902, was 22,017, being 42·72 per cent. of the total number relieved on that date. At the corresponding date in 1901 the number was 22,157 and the percentage 43·37.

## APPENDIX.

## PRINCIPAL BOARD OF TRADE PUBLICATIONS ON LABOUR QUESTIONS.

The following are among the principal Publications relating to Labour Questions which have been published by the Board of Trade.

## MONTHLY JOURNAL.

The "LABOUR GAZETTE"—the Journal of the Labour Department of the Board of Trade—published on the 15th of each month, may be ordered through any newsagent, price 1*d.*, or obtained direct from the Publishers, Messrs. Horace Marshall & Son, Temple House, Temple Avenue, London, E.C., at the rate of 2*s.* per annum for addresses in the United Kingdom, including postage.

## PERIODICAL AND SPECIAL REPORTS.

These may all be obtained through any bookseller, or direct from Messrs. Eyre and Spottiswoode, East Harding Street, London, E.C. When ordering, the official number, given below, should be quoted.

Title of Report.	Year to which the Report relates.	Official Number to be quoted on Ordering.	Price, exclusive of Postage.	Price, including Parcel Postage in the United Kingdom
<b>Abstract of Labour Statistics of the United Kingdom:—</b>			<i>s. d.</i>	<i>s. d.</i>
1st Abstract ... ..	1893-4	C.—7,565	0 9	1 0
2nd " ... ..	1894-5	C.—7,900	0 10½	1 1½
3rd " ... ..	1895-6	C.—8,230	1 0	1 3
4th " ... ..	1896-7	C.—8,642	1 0	1 3
5th " ... ..	1897-8	C.—9,011	0 11½	1 2½
6th " ... ..	1898-9	Cd.—119	0 11½	1 2½
7th " ... ..	1899-1900	Cd.—495	1 0	1 3
8th " ... ..	1900-1	Cd.—1,124	0 11½	1 2½
9th " ... ..	1901-2	Cd.—1,755	1 0	1 3
<b>Abstract of Foreign Labour Statistics:—</b>				
1st Abstract ... ..	1898-9:	C.—9,442	0 8	0 10½*
2nd " ... ..	1899-1900	Cd.—720	1 4½	1 8½
<b>Changes in Wages and Hours of Labour in the United Kingdom:—</b>				
1st Report ... ..	1893	C.—7,567	1 3	1 7
2nd " ... ..	1894	C.—8 075	1 9	2 1
3rd " ... ..	1895	C.—8,374	1 2	1 5
4th " ... ..	1896	C.—8,444	1 6	1 10
5th " ... ..	1897	C.—8 975	1 2½	1 5½
6th " ... ..	1898	C.—9,434	1 5	1 9
7th " ... ..	1899	Cd.—309	1 6	1 10
8th " ... ..	1900	Cd.—688	1 5½	1 9½
9th " ... ..	1901	Cd.—1,204	0 8½	0 11½
10th " ... ..	1902	Cd.—1,562	0 8	0 10½

\* Letter Post.



## APPENDIX.

PERIODICAL AND SPECIAL REPORTS—*continued.*

Title of Report.	Year to which the Report relates.	Official Number to be quoted on Ordering.	Price, exclusive of Postage.		Price, including Parcel Postage in the United Kingdom
			s	d.	
Co-operative Societies, Workmen's, Report on.	1901*	Cd.—698	1	2½	1 5½
<b>Standard Piece Rates:—</b>					
1st Report ... ..	1893	C.—7,567-I.	1	0	1 8
2nd „ ... ..	1900	Cd.—144	1	4	1 8
<b>Standard Time Rates:—</b>					
1st Report ... ..	1893	C.—7,567-II.	1	3	1 6
2nd „ ... ..	1900	Cd.—317	0	11	1 2
<b>Rates of Wages paid in the United Kingdom in 1886:—</b>					
Principal Textile Trades ..	1886	C.—5,807	1	6	1 10
Minor „ „ ...		C.—6,161	0	9½	1 0†
Mines and Quarries „ ...		C.—6,455	1	0	1 3
By Local Authorities and Private Companies to Police, and to Work-people employed on Roads, &c., and at Gas and Water Works.		C.—6,715	1	3	1 6
General Report‡ ... ..		C.—6,889	4	3	4 9
Wages and Earnings of Agricultural Labourers in the United Kingdom.	1900*	Cd.—346	3	4	3 8
Weekly Hours of Labour ...	{ 1850, 1860, 1870, 1880, and 1890. }	H.C. 375, 1890	0	7½	0 9½†
<b>Conciliation (Trade Disputes) Act, 1896:—</b>					
1st Report of Proceedings under	{ Aug. 1896 to June 1897 }	C.—8,533	0	3	0 4†
2nd Report of Proceedings under	{ July 1897 to June 1899 }	H.C. 275, 1899	0	2	0 2½§
3rd Report of Proceedings under	{ July 1899 to June 1901 }	H.C. 296, 1900	0	7	0 9†

\* Year of issue.

† Letter Post.

‡ Some of the figures in this volume relate to 1891 and 1892.

§ Book Post.

## APPENDIX.

PERIODICAL AND SPECIAL REPORTS—*continued.*

Title of Report.	Year to which the Report relates.	Official Number to be quoted on Ordering.	Price,	Price,
			exclusive of Postage.	including Parcel Postage in the United Kingdom
			<i>s. d.</i>	<i>s. d.</i>
<b>Strikes and Lock-outs:—</b>				
1st Report ... ..	1888	C.—5,809	0 10	1 0½*
2nd " ... ..	1889	C.—6,176	1 3	1 6
3rd " ... ..	1890	C.—6,476	2 11	3 4
4th " ... ..	1891	C.—6,890	4 4	4 9
5th " ... ..	1892	C.—7,403	3 3	3 8
6th " ... ..	1893	C.—7,566	2 4	2 8
7th " ... ..	1894	C.—7,901	2 9	3 1
8th " ... ..	1895	C.—8,231	2 4	2 8
9th " ... ..	1896	C.—8,643	1 2	1 5
10th " ... ..	1897	C.—9,012	1 1	1 4
11th " ... ..	1898	C.—9,437	0 10½	1 1½
12th " ... ..	1899	Cd.—316	0 11	1 2
13th " ... ..	1900	Cd.—689	0 10½	1 1½
14th " ... ..	1901	Cd.—1,236	0 6½	0 8½*
15th " ... ..	1902	Cd.—1,623	0 6½	0 8½*
<b>Trade Unions:—</b>				
1st Report ... ..	1886	C.—5,104	0 7½	0 9½*
2nd " ... ..	1887	C.—5,505	2 5	2 9
3rd " ... ..	1888	C.—5,808	2 1½	2 5½
4th " ... ..	1889 and 1890	C.—6,475	5 1½	5 7½
5th " ... ..	1891	C.—6,990	2 4	2 8
6th " ... ..	1892	C.—7,436	2 8	3 0
7th " ... ..	1893	C.—7,808	2 3	2 7
8th " ... ..	1894 and 1895	C.—8,232	4 4	4 10
9th " ... ..	1896	C.—8,644	1 4	1 8
10th " ... ..	1897	C.—9,013	1 4½	1 8½
11th " ... ..	1898	C.—9,443	1 6½	1 10½
12th " ... ..	1899	Cd.—422	1 6½	1 10½
13th " ... ..	1900	Cd.—773	1 4	1 8
14th " ... ..	1901	Cd.—1,348	0 11½	1 2½
<b>Provision for Old Age Abroad.</b>	1899†	C.—9,414	0 3	0 4*
<b>Profit-sharing, Report on ...</b>	1894†	C.—7,458	0 10	1 1
<b>"Gain-sharing," and certain other systems of Bonus on Production, Report on.</b>	1895†	C.—7,848	0 6½	0 8½
<b>Report on Contracts given out by Public Authorities to Associations of Workmen.</b>	1897†	C.—8,233	1 5	1 9

\* Letter Post.

† Year of issue,

## APPENDIX.

PERIODICAL AND SPECIAL REPORTS—*continued.*

Title of Report.	Year to which the Report relates.	Official Number to be quoted on Ordering.	Price, exclusive of Postage.	Price, including Parcel Postage in the United Kingdom
Cost of Production in relation to wages in certain Industries.	1891*	C.—8,535	<i>s. d.</i> 1 7	<i>s. d.</i> 1 11
<b>Wholesale and Retail Prices:—</b> Report on Wholesale and Retail Prices in the United Kingdom in 1902, with comparative Statistical Tables for a series of year.	1903*	H.C. 321, 1903	2 1	2 5
<b>Women and Girls, Employment of:—</b> Statistics of Employment of Women and Girls.	1894*	C.—7,564	0 8	0 10½†
Changes in the Employment of Women and Girls in Industrial Centres, Part I.	1898*	C.—8,794	0 6	0 8†
Money Wages of Domestic Servants.	1899*	C.—9,346	0 3½	0 4½†
Employment of Children on leaving School (Upper Standards), Return of.	1899*	H.C. 23, 1899	0 6	0 8†
Unemployed, Report on the Agencies and Methods for dealing with the.	1893*	C.—7,182	1 11	2 3
<b>Alien Immigration:—</b> Alien Immigration into United States.	1894*	C.—7,113	1 7	1 11
Recent Immigration from Eastern Europe; Reports on the Volume and Effects of.	1894*	C.—7,406	1 0	1 3
<b>Directory of Industrial Associations:—</b> 1st edition ... ..	1899	Cd.—120	0 7½	0 10†
2nd edition ... ..	1901	Cd.—945	0 8½	0 11½
3rd edition ... ..	1903	Cd.—1707	0 9½	1 0½

\* Year of issue.

† Letter Post.

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BOARD OF TRADE (LABOUR DEPARTMENT).

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OF THE  
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