

# THE Board of Trade LABOUR GAZETTE.

PREPARED AND EDITED AT THE OFFICES OF THE BOARD OF TRADE, LONDON, S.W.

VOL. XXI.—No. 9.

SEPTEMBER, 1913.

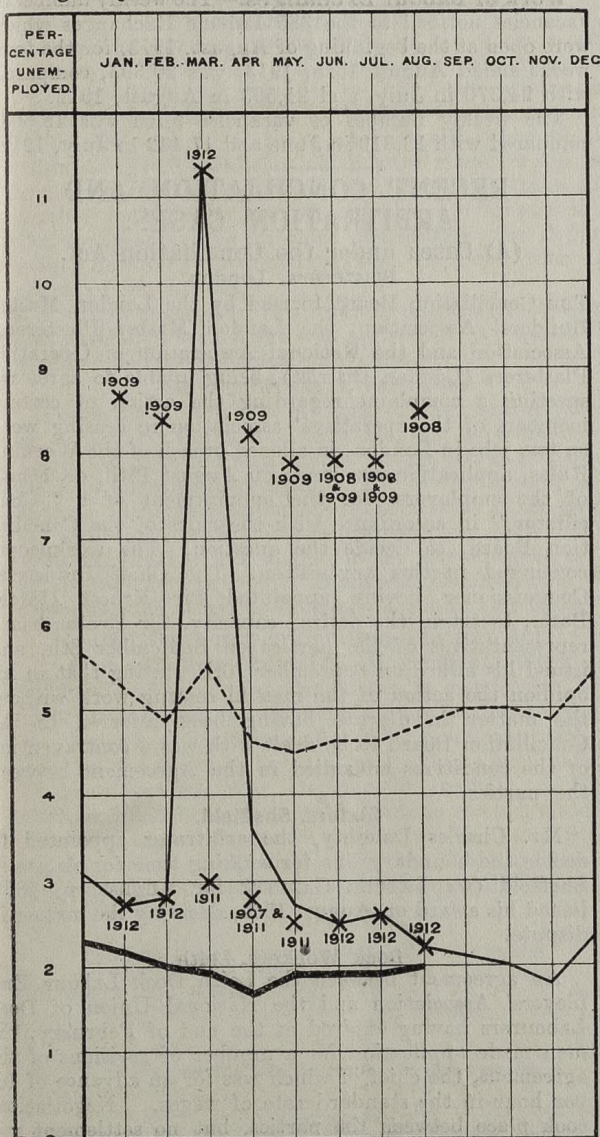
[PRICE ONE PENNY.]

## EMPLOYMENT CHART.

SHOWING PERCENTAGE UNEMPLOYED OF MEMBERS OF  
TRADE UNIONS MAKING RETURNS.

— Thick Curve = 1913. — Thin Curve = 1912.  
----- Dotted Curve = Mean of 1903-1912.

x The crosses indicate the maximum and minimum percentages of unemployed, in the months named, during the years 1903-1912.



NOTE TO CHART.

The above Chart is based solely on Returns furnished direct to the Department of Labour Statistics by various Trade Unions which pay unemployed benefit to their members. Persons on strike or locked-out, sick or superannuated, are excluded from the figures.

## THE LABOUR MARKET IN AUGUST.

Employment in August continued very good on the whole.

There was an improvement in the tinsplate, building, brickmaking, and furnishing trades. On the other hand, there was some falling off in the iron and steel, textile, boot and shoe, pottery and glass trades, while the printing trades showed a seasonal decline. Employment in the engineering, shipbuilding, and coal mining industries remained very good.

It is reported by the Labour Exchanges that there was a continuance of the demand for workmen in the shipbuilding and engineering trades, and in the building trades in some districts. A deficiency in the supply of women was reported in the cotton, linen, jute, and clothing trades, and in laundry work.

The upward movement in wages continued.

Compared with the good conditions of August, 1912, there was little general change. Employment, however, was not so good in the iron and steel and tinsplate trades. On the other hand, it was better in the shipbuilding, building, brickmaking and printing trades.

### (1) TRADE UNION PERCENTAGES OF UNEMPLOYED.

(Based on 3,148 Returns.)

Trade Unions with a net membership of 938,318 reported 18,664 (or 2.0 per cent.) of their members as unemployed at the end of August, 1913, compared with 1.9 per cent. at the end of July, 1913, and 2.2 per cent. at the end of August, 1912.

Trade.	Membership at end of August, 1913, of Unions reporting.	Percentage Unemployed at end of August, 1913.	Inc. (+) or Dec. (-) in Percentage Unemployed as compared with a	
			Month ago.	Year ago.
Building ... ..	77,952	2.7*	- 0.6	- 0.3
Coal Mining† ... ..	156,864	0.3	- 0.1	- 0.5
Iron and Steel ... ..	36,054	2.8	- 0.2	+ 0.6
Engineering ... ..	225,488	1.9	...	- 0.3
Shipbuilding ... ..	70,847	2.9	+ 0.1	- 1.2
Miscellaneous Metal...	33,259	1.9	+ 0.1	+ 0.6
<b>'Textiles':—</b>				
Cotton ... ..	84,852	1.8	+ 0.2	...
Woollen & Worsted	8,819	4.4	- 0.3	+ 3.4
Other ... ..	57,751	1.3	...	+ 0.1
Printing, Bookbinding and Paper.	64,310	4.8	+ 1.5	- 1.1
Furnishing and Woodworking.	46,237	2.0	- 0.3	- 0.5
Clothing ... ..	63,324	1.8	+ 0.2	+ 0.3
Leather ... ..	3,068	5.2	...	+ 1.2
Glass ... ..	978	0.4	...	...
Pottery... ..	6,172	1.0	+ 0.4	+ 0.3
Tobacco ... ..	2,343	3.9	- 0.8	- 3.1
<b>Total... ..</b>	<b>938,318</b>	<b>2.0</b>	<b>+ 0.1</b>	<b>- 0.2</b>

\* This percentage is based mainly on Returns relating to carpenters and plumbers.

† In addition to the ordinary short time which occurs in all trades, it should be noted that in the mining and textile industries a contraction in the demand for labour is more generally met by a reduction in the time worked per week by a large number of workpeople than by the discharge of a smaller number.

## (2) UNEMPLOYMENT IN "INSURED" TRADES.

The percentage of "insured" workpeople unemployed at the end of August was 3.1, the same percentage as at the end of July.

Percentage unemployed at end of Aug., 1913 ...	Build- ing and Works of Con- struction.	Ship- build- ing.	En- gineer- ing and Iron- found- ing.	Making of Vehi- cles.	Saw- mill- ing.	Other Insured Work- people	All Insured Work- people.
	3.6	3.6	2.6	3.1	2.2	1.0	3.1
Inc. (+) or Dec. (-) as compared with end of July, 1913	-0.4	+0.2	+0.3	+0.5	...	+0.1	...

## (3) EMPLOYERS' RETURNS OF WORKPEOPLE EMPLOYED AND WAGES PAID.

(Based on 1,934 Returns.)

Returns from firms employing 424,837 workpeople in the week ended 23rd August, 1913, showed a decrease of 0.2 per cent. in the number of workpeople employed and of 1.0 per cent. in the amount of wages paid compared with a month ago. Compared with a year ago there was a decrease of 0.6 per cent. in the number of workpeople employed, and an increase of 1.4 per cent. in wages paid.

Trade.	Number Employed.		Wages Paid.			
	Week ended 23rd Aug., 1913.	Inc. (+) or Dec. (-) on a Month ago.	Year ago.	Week ended 23rd Aug., 1913.	Inc. (+) or Dec. (-) on a Month ago.	
					per cent.	per cent.
Textiles:—				£	per cent.	per cent.
Cotton ...	119,701	+0.1	+0.3	121,488	-1.8	+0.3
Woollen ...	24,503	-0.8	-1.3	23,802	-0.2	-0.2
Worsted ...	37,456	-0.3	-3.9	29,642	-1.5	-2.0
Linen ...	43,285	-0.4	-2.1	28,659	-0.8	+3.7
Jute ...	15,244	-0.4	-0.9	12,705	-2.3	+8.6
Hosiery ...	18,970	+0.3	+1.2	15,736	-0.8	+2.7
Lace ...	5,884	-0.1	-3.3	6,030	+2.6	-0.2
Other Textiles ...	15,910	-0.6	+0.0	13,011	-0.4	+3.5
Bleaching, Dyeing, etc.	31,254	-0.0	-0.2	38,890	+1.2	+3.6
Total, Textiles...	312,207	-0.2	-0.8	289,963	-1.0	+1.4
Boot and Shoe ...	68,725	-0.2	-0.3	69,413	-1.6	+0.5
Shirt and Collar ...	5,862	-1.2	-5.0	3,876	-1.9	-4.4
Pottery ...	17,853	-0.2	+2.7	17,619	-2.6	+2.0
Glass ...	8,314	-0.4	+0.1	10,542	-2.0	-3.2
Brick ...	11,876	-0.2	+1.2	15,049	+3.4	+10.9
Grand Total ...	424,837	-0.2	-0.6	406,462	-1.0	+1.4

\* In the linen, jute and glass trades the comparison with a year ago is affected by increases in the rates of wages since August, 1912.

## (4) OTHER EMPLOYERS' RETURNS.

(Based on 832 Returns.)

The following Table summarises the returns from firms employing 863,290 workpeople in August in the industries mentioned:—

Trade.	Workpeople included in the Returns for Aug., 1913.	Aug., 1913.	Inc. (+) or Dec. (-) as compared with a	
			Month ago.	Year ago.
			Days.	Days.
Coal Mining ...	683,496	5.54	+0.28*	+0.08
Iron ,, ...	16,171	5.90	+0.25*	+0.09
Shale ,, ...	3,626	5.81	+0.56*	+0.01
Pig Iron ...	29,169	Furnaces in Blast 322	No. + 3	No. + 1
Tinplate & Steel Sheet	26,150	Mills Working 523	+ 19	- 60
Iron and Steel	104,678	Shifts Worked (One Week) 577,928	Per cent. - 1.3	Per cent. - 1.6

\* This comparison is affected by holidays in July, 1913.

**Changes in Rates of Wages.**—The changes in rates of wages taking effect in August resulted in a net increase of £10,600 per week in the wages of 257,600 workpeople. With the exception of a decrease affecting 3,500 blastfurnacemen, &c., in Scotland, all the changes were increases, the most important affecting 175,000 coal miners in Northumberland and Durham, 54,700 workpeople in the federated shipyards in England and Scotland, and 5,800 iron and steel moulders in Scotland.

**Trade Disputes.**—The number of disputes beginning in August was 102, and the total number of workpeople involved in all disputes in progress during the month was 80,626, as compared with 126,912 in the previous month, and 54,961 in August, 1912. The estimated total aggregate duration of disputes during the month was 801,600 working days, as compared with 1,184,500 in the previous month, and 363,900 in the corresponding month of last year.

**Conciliation and Arbitration.**—Cases dealt with during the month include plasterers in London; slaters at Sheffield; dock workers at Leith; engineering workers at Leeds; boot and shoe finishers in Hinckley and district; net workers at Kilbirnie; and pottery workers, Parkstone. The chairman of the North British Railway Conciliation Boards issued his decision on matters referred to him, and the Chief Industrial Commissioner issued an award as umpire for Government boot and shoe work.

**Work of Labour Exchanges.**—The weekly number of vacancies notified to the 385 Labour Exchanges which were open at the beginning of August, 1912, for the four weeks ended August 15th, 1913, was 20,393, compared with 24,370 in July, and 21,593 in August, 1912.

The weekly number of vacancies filled was 15,508, compared with 18,319 in June and 17,442 in July, 1912.

## RECENT CONCILIATION AND ARBITRATION CASES.

## (A) Cases under the Conciliation Act. Plasterers, London.

The Conciliation Board formed by the London Master Builders' Association, the London Master Plasterers' Association and the National Association of Operative Plasterers (London District), being unable to agree respecting a complaint regarding the action of certain members of the operatives' association in ceasing work on two jobs in London, in alleged breach of the Working Rules, application was made on August 15th, on behalf of the employers, for the appointment of a "Conciliator," in accordance with the rules of the Conciliation Board, to decide the question. The workpeople concurred in this application. The Chief Industrial Commissioner having appointed Sir Ernest Hatch, Bart., to act in the desired capacity, Sir Ernest heard representatives of the parties on September 8th, and issued his award on September 10th, stating that in his opinion the action of the men in ceasing work without the matter in dispute having been referred to the Conciliation Board to be dealt with was a contravention of the conditions embodied in the Agreement between the parties.

## Slaters, Sheffield.

Mr. Charles Doughty, the arbitrator appointed to decide the boundary line for walking time for slaters at Sheffield (see LABOUR GAZETTE for August, p. 288), issued his award on August 15th, deciding the matter in dispute.

## Dock Workers, Leith.

An agreement between the Leith Dock Labour Employers' Association and the National Union of Dock Labourers having expired at the end of February, the men made application for a number of revisions of the agreement, the chief of which was for an advance of 1d. per hour in the standard rate of wages. Negotiations took place between the parties, but no settlement was arrived at, and on June 26th the men ceased work in support of their demands. The dispute continuing, the employers introduced a number of outside labourers, and some rioting occurred. The Chief Industrial Commissioner had been keeping in touch with the dispute since its commencement, and, after some pre-

liminary negotiations, proceeded to Leith on July 29th, and met representatives of the parties in conference, but no settlement was effected.

At a meeting of the men on August 14th it was decided to resume work, and work was accordingly resumed on August 19th.

## Engineering Workers, Leeds.

A number of men in the employ of a firm of engineers at Leeds having ceased work on June 23rd in support of their demand for an advance in wages to unskilled and semi-skilled workers, and a reduction in working hours, shortly afterwards the works closed down, about 430 men and boys being affected. The dispute continuing, at the end of July an officer of the Chief Industrial Commissioner's Department saw representatives of the firm and of the men in Leeds, and submitted to a meeting of the men certain proposals made by the firm. The proposals, on being put to the vote, were, however, defeated by a small majority.

Subsequently an agreement was effected at the end of August as a result of negotiations between the firm and representatives of the men, and work was resumed.

## Boot and Shoe Finishers, Hinckley and District.

In response to an application from the Board of Conciliation and Arbitration for the Boot and Shoe Trade of Hinckley and District, Mr. Alderman T. Smith has been appointed to act as Umpire in connection with a Finishers' Statement to be referred to him by that Board.

## Net Workers, Kilbirnie.

Early in April a general strike of net workers commenced at Kilbirnie, the workpeople demanding an advance of 6d. per net; and on May 24th application was made on behalf of the workpeople for the assistance of the Department to bring about a settlement of the dispute. From enquiries which were made, it did not appear that the Department could usefully take any further steps in the matter, and the representatives of the workpeople were informed accordingly; the Department, however, continued to keep in touch with the course of the dispute.

Early in September, as a result of negotiations between the parties, a settlement was arrived at, by which the workpeople received certain advances.

## Pottery Workers, Parkstone.

Following a stoppage of work of the men employed at a pottery works at Parkstone, an agreement was arrived at that the men should resume work, and negotiations be continued with regard to the rate of pay, with an ultimate reference to an arbitrator if necessary. In accordance with this arrangement, on August 30th joint application was made for the appointment of an arbitrator, and the Chief Industrial Commissioner has appointed Mr. Charles Doughty to act in this capacity.

## (B) Case not under Conciliation Act.

## Boot and Shoe Operatives—Government Work.

The Joint Standing Committee in connection with Government boot and shoe contractors having requested the decision of Sir George Askwith, as umpire, with regard to the prices to be paid for making a new pattern of boot for the War Department—namely, a black chrome ankle boot, open tab, machine-riveted middles, machine stitched-in groove, machine billed, and fitters round part of heel, Sir George heard the parties on August 25th at Kettering, and subsequently issued his award as follows:—

Per pair.	
Tying tops over, rounding and feathering insoles, inserting puff and stiffener and lasting, including inserting the bottom filling, if by hand ...	4½d.
Fixing through middle ready for riveting, if by hand ...	1d.
Fixing sole and piece-sole, if by hand ...	1d.
Fitting round the heel by hand, not less than 30s. per week.	

These prices to remain until 1st March, 1915, and to be then subject to revision after the existing rule of six months' notice on either side has been previously given, without prejudice to the minimum wage question if the same should arise before the term of this decision is completed.

## RAILWAY CONCILIATION SCHEME.

On August 15th Sheriff-Principal A. O. M. Mackenzie, K.C., issued his decision on matters referred to him by Board VI. of the North British Railway.

## TRADE BOARDS ACT, 1909.

## Extension of the Application of the Act.\*

The Trade Boards Provisional Orders Confirmation Act, 1913, extends the application of the Trade Boards Act to the following trades:—

Sugar Confectionery and Food Preserving, Shirt-making, Hollow-ware making (including the making of Tin Boxes and Canisters), Linen and Cotton Embroidery.

## Paper Box Making Trade.

## Establishment of a new Trade Board.

The term of office of the paper box making Trade Board established on 29th July, 1910, having expired, the Board of Trade established on 22nd August, 1913, for the period of three years from that date, a new Trade Board for the making of boxes or parts thereof made wholly or partially of paper, cardboard, chip or similar material in Great Britain, constituted in accordance with the Regulations of 27th April, 1910. The Trade Board consists of sixteen representatives of employers and sixteen representatives of workers, in addition to the following "appointed members," namely, Mr. E. Aves (chairman), Mr. Alderman T. Smith, J.P. (deputy chairman), and Mrs. M. Beer.

## Hammered and Dollied or Tommied Chain-making Trade.

## Proposal to Vary Minimum Rates of Wages.

THE Trade Board established for the hammered and dollied or tommied chain-making trade have issued notices, dated 11th August, 1913, announcing that they propose to vary certain minimum time-rates as follows:—

1. The minimum time-rates for making hand-hammered chain fixed by them on 22nd August, 1910—

(a) From 2½d. per hour to 2¾d. per hour, where the employer provides (in addition to iron) the workshop where the work is carried on, and the tools and the fuel; and (b) from 3¾d. per hour to 3½d. per hour where the worker provides (in respect of iron provided by the employer) the workshop where the work is carried on and the tools and the fuel, or any one of these three heads of outlay.

2. The general minimum piece-rates for hand hammered chain-making fixed by them on 22nd August, 1910, 23rd November, 1910, and 1st February, 1911, by the addition to such minimum rates of sums amounting approximately to 10 per cent.

3. The minimum time-rates for making dollied or tommied chains of 7/16 in. diameter and over, and for making hand-hammered chains of 1/16 in. diameter and over up to 1/8 in. inclusive, as follows:—

(a) Where the employer provides in addition to the iron the workshop, tools, and fuel.

Size of Iron.	Variation of Minimum Time-rate per hour.
7/16" to 1/2"	from 5d. to 5½d.
1/2" to 5/8" + 1/32"	,, 5½d. to 6½d.
5/8" to 3/4" + 1/32"	,, 6½d. to 6¾d.
3/4" to 7/8" + 1/32"	,, 7d. to 7½d.

(b) Where the worker provides (in respect of iron provided by the employer) the workshop, tools, and fuel, or any one of these three heads of outlay.

Size of Iron.	Variation of Minimum Time-rate per hour.
7/16" to 1/2"	from 6¾d. to 7¾d.
1/2" to 5/8" + 1/32"	,, 7¾d. to 8½d.
5/8" to 3/4" + 1/32"	,, 8½d. to 9½d.
3/4" to 7/8" + 1/32"	,, 9½d. to 10½d.

4. The general minimum piece-rates for making dollied or tommied short-link chain 7/16 in. diameter and over, or short-link hand-hammered chain of 1/16 in. diameter and over up to 1/8 in. inclusive, as fixed by them on 1st February, 1911, by the addition to such minimum rates of sums amounting approximately to 10 per cent.

The Trade Board will consider any objections to the proposed variation of the rates which may be lodged with them on or before November 14th, 1913.

Further information respecting the proposed variation can be had on application to the Secretary, Chain Trade Board, Old Sergeants' Inn Chambers, Chancery Lane, London, W.C., to whom any objections to the proposed rates may be forwarded.

\* See LABOUR GAZETTE for May, 1913, page 165.



Age Group.	Number of Persons.		Percentage Increase (+) or Decrease (-) since 1901.	
	Male.	Female.	Male.	Female.
Under 5 years ..	268,158	264,587	- 0.0	- 0.0
5 and under 10 years ..	257,900	255,858	+ 3.4	+ 5.1
10 " 15 "	246,763	245,371	+ 3.6	+ 5.3
15 " 20 "	233,443	229,294	+ 1.3	+ 1.6
20 " 25 "	211,771	217,710	- 4.1	- 2.3
25 " 35 "	352,222	389,054	+ 6.0	+ 7.5
35 " 45 "	290,723	309,587	+ 15.7	+ 13.9
45 " 65 "	352,508	390,054	+ 15.5	+ 12.0
65 and upwards ..	105,167	152,257	+ 19.4	+ 18.6
Total* at all ages	2,308,839	2,452,065	+ 6.2	+ 6.7

#### Conjugal Condition.

Of the male population of fifteen years of age and upwards, 743,747, or 48.4 per cent., were husbands, and 82,612, or 5.4 per cent., widowers. Of the female population of 15 years and upwards, 762,835, or 45.2 per cent. were wives, and 181,497, or 10.7 per cent., widows. Unmarried women of fifteen years of age and upwards exceeded unmarried men of these ages by 34,422, or 4.9 per cent.; and unmarried women of 30 years and upwards exceeded unmarried men of these ages by 53,127, or 27.7 per cent.

In the following table the condition as to marriage of the population of Scotland is given separately for burghs having a population of over 20,000 and for the rest of Scotland.

	Persons of 15 years and upwards.			
	Unmarried.	Married.	Widowed.	Total†
MALES.				
Burghs with population of 20,000 and upwards.	343,008	372,281	40,180	755,469
Rest of Scotland .. ..	365,525	371,466	42,432	779,423
Total .. .. .	708,533	743,747	82,612	1,534,892
FEMALES.				
Burghs with population of 20,000 and upwards.	372,090	386,777	93,933	852,800
Rest of Scotland .. ..	370,865	376,058	87,564	834,487
Total .. .. .	742,955	762,835	181,497	1,687,287

The excess of unmarried women over unmarried men is more marked in burghs with populations of 20,000 and upwards than in the rest of Scotland. In the former the excess is 8.5, in the latter only 1.5 per cent. Within the towns great variations in the proportion of unmarried men to unmarried women were found. In Glasgow the numbers were about equal. In Edinburgh, on the other hand, there was an excess of unmarried women of 44.7 per cent.; in Dundee of 52.5 per cent.; and in Aberdeen of 37.8 per cent.

#### Housing.

For the purposes of the Scottish census a house is defined as a "dwelling (1) with a distinct outside entrance from a street, court, lane, road, etc.; or (2) with a door opening directly into a common stair or passage."

78.6 per cent. of the population were living in houses of four rooms or less. The corresponding percentage for 1901 was 79.5.

In the burghs of Scotland with populations of 2,000 and upwards 47.6 per cent. of the population† were found to be living more than two in a room, 22.7 per cent. more than three in a room, and 8.6 per cent. more than four in a room; while the percentages for the rest of Scotland were 40.7, 20.3, and 8.7 respectively.

In burghs with populations of 2,000 and upwards, the highest percentages found to be living more than four per room were in Armadale, 34.8, and Kilsyth, 28.2, and the lowest in Huntly, 0.1, Newport, Keith, Cupar and Castle-Douglas, 0.3.

\* Inclusive of 186 males and 193 females of ages not stated.  
† Exclusive of 1,128 men and 962 women whose condition as to marriage was not stated.

‡ Excluding houseless persons, shipping population, and persons living in institutions, in houses of more than 24 rooms, or in households of more than 19 persons.

## MINES AND QUARRIES IN 1912.

PART I of the General Report\* on Mines and Quarries has recently been issued by the Home Office, containing statistics of persons employed, output and accidents in mines and quarries in the United Kingdom in the year 1912, arranged according to Inspection Districts.

#### Number of Persons Employed.

The total number of persons employed in and about all the mines and quarries of the United Kingdom in 1912 was 1,197,035, of whom 1,089,090, or 91 per cent., worked at the 3,265 mines under the Coal Mines Act; 28,058, or 2.3 per cent., at the 645 mines under the Metalliferous Mines Act; and 79,887, or 6.7 per cent., at the quarries under the Quarries Act.

Of the 1,089,090 persons employed under the Coal Mines Act, 878,759, or 80.7 per cent., were underground workers. Of the 210,331 surface workers, 6,486 were females. There was an increase of 207 in the number of females as compared with 1911, but the proportion remained the same—viz., 3.08 per cent. The number of young persons under 16 employed below ground in these mines was 50,447, or 5.74 per cent. of the underground workers; the total number of surface and underground workers under 16 was 71,043, or 6.52 per cent. of all workers.

The following Table shows, for the period 1903-1912, the number of persons employed in and about the mines under the Coal Mines Act:—

Year.	Under-ground (Males only)	Above Ground.		Total.	Percentage increase over previous Year.
		Males.	Females.		
1903 .. ..	676,746	159,940	5,380	842,066	2.1
1904 .. ..	681,683	160,357	5,513	847,553	0.7
1905 .. ..	691,112	161,332	5,929	858,373	1.3
1906 .. ..	709,645	167,339	5,461	882,345	2.8
1907 .. ..	757,887	177,081	6,014	940,982	6.6
1908 .. ..	796,329	185,470	6,014	987,813	5.0
1909 .. ..	818,381	189,654	6,953	1,015,988	2.7
1910 .. ..	848,381	194,805	6,221	1,049,407	3.5
1911 .. ..	863,512	197,422	6,279	1,067,213	1.7
1912 .. ..	878,759	203,845	6,486	1,089,090	2.1
Average for 10 years	772,234	179,724	5,890	957,848	2.9

During the period for which details are given in the above Table, the number employed has increased by 32.4 per cent. The lowest rate of increase was in 1904, when it amounted to only 0.7 per cent.; the highest rate of increase was in 1907, when it rose to 6.6 per cent.

#### Output of Minerals.

The total output of minerals at the mines under the Coal Mines Act in 1912 was 273,192,001 tons; of which 260,398,578 were coal, 2,287,719 fireclay, 6,744,258 ironstone, 3,184,826 oil-shale, and 576,620 sundry other minerals. Adding 17,760 tons from open quarries, the total output of coal was 260,416,338 tons, which is a decrease of 11,475,561 tons on the previous year. The total was also less than in any of the years 1907-10, but greater than in any other previous year. The decrease is accounted for by the national strike of coal miners. The actual falling-off was, in reality, somewhat less than the figures indicate, as some owners in previous years returned the gross weight sent out of the pit, including dirt; whereas this year the net output has been given in all cases. It is estimated that the amount of dirt which would have been included if the returns had been made as in previous years was 2,267,789 tons.

Inspection Districts.	Gross Dec. or Inc.†
Tons.	
Scotland .. .. .	- 1,685,970
Newcastle .. .. .	- 2,348,891
Durham .. .. .	- 1,916,142
York and North Midland .. .. .	- 1,816,584
Manchester and Ireland .. .. .	- 496,961
Liverpool and North Wales .. .. .	- 462,572
South Wales .. .. .	+ 67,196
Midland and Southern .. .. .	- 547,848
Total .. .. .	- 9,207,772

\* Mines and Quarries: General Report with Statistics for 1912. Part I. District Statistics. Cd. 7025. Price 7d.  
† Allowing for exclusion of "dirt."

The average output of minerals at mines under the Coal Mines Act was 311 tons per person employed underground, a decrease of 20 tons per person on the preceding year.

The total output at the mines under the Metalliferous Mines Act was 3,024,621 tons, of which 1,675,868 tons were iron ore.

The total quantity of stone and other minerals obtained from quarries under the Quarries Act was 43,158,035 tons, of which 4,916,972 tons were iron ore. In addition, 453,293 tons of iron ore were obtained from shallow open workings (under 20 feet deep), making the total output of iron ore from all sources 13,790,391 tons.

#### Fatal Accidents.

The total number of fatal accidents in and about mines and quarries in 1912 was 1,262, resulting in 1,394 deaths, a decrease of 87 in the number of accidents, and of 13 in the number of deaths, compared with 1911. At the mines under the Coal Mines Act there were 1,151 separate fatal accidents, causing 1,276 deaths. This is a decrease of 61 in the number of accidents, but an increase of 11 in the number of deaths, as compared with 1911. Of the 1,276 persons killed, 71 were under 16 years of age, as against 78 in the preceding year.

The principal classes of fatal accidents at coal mines were as follows:—

Classes of Accidents.	Number of		Proportion of Deaths due to each cause.
	Fatal Accidents.	Deaths.	
Underground:—			Per cent.
Explosions of fire damp or coal dust ..	20	124	9.7
Falls of ground .. .. .	553	567	44.4
Shaft accidents .. .. .	69	71	5.6
Haulage accidents .. .. .	238	239	18.8
Other accidents .. .. .	97	100	7.8
Accidents on surface .. .. .	174	175	13.7
Total .. .. .	1,151	1,276	100.0

The death-rate from accidents of the underground workers at the mines under the Coal Mines Act was 1.25 per 1,000 persons employed in 1912, as compared with 1.29 in 1911; the death-rate of surface workers was 0.83 per 1,000 employed, as against 0.73 in the previous year. The death-rate of the underground and surface workers as a whole was 1.17, as against 1.19 in 1911. This is the lowest rate on record, but here again the effects of the national strike must be borne in mind. Had there been no strike, the number of fatal accidents would have been greater, and the death-rate also, as it would have been calculated on the same number of persons employed as are given above.

## LABOUR EXCHANGES IN GERMANY.

A REPORT\* has recently been issued by the German Imperial Statistical Office respecting the results of an enquiry into the system of Labour Exchanges at present existing in that country.

The enquiry was restricted to labour exchanges which came within the definition of "an institution designed to find situations for persons who desired paid employment, which had a special organisation for this purpose, and kept a regular registry of the number of situations which it filled." It was desired to exclude from the enquiry those institutions which made the finding of employment only a secondary feature of their activity, as well as those operating for gain, those of a philanthropic character, or those which were intended only for apprentices.

The total number of forms sent out was 8,611, of which 2,580 were returned filled up. Of the latter, 356 were rejected, 201 as being duplicates of others already received, and 155 as being deficient in details. The total number which could be utilised for the purposes of the report was, therefore, 2,224. Of the 6,031 which were

not returned, it is computed that 2,999 related to exchanges attached to trade guilds.\* The 572 returns of this class which were received and utilised represent only about a quarter of the total number of guild exchanges complying with the terms of the above definition, but it is believed that they include by far the most important of these institutions.

The date to which the figures apply is the end of 1912. Of the 2,224 labour exchanges concerning which particulars were obtained, the largest number, viz., 572, were attached to trade guilds, 547 were under the sole control of workpeople (trade unions), 383 were directed mainly by municipal or other public authorities, 226 were in connection with hostels and relief stations for workpeople travelling in search of work, 119 were in the hands of employers and workpeople jointly, 112 were controlled by employers alone, 97 were conducted by Chambers of Agriculture, 90 by associations of clerks, shop assistants, &c., and the remaining 78 were miscellaneous.

As regards the prevalence of the principle of co-operation between employers and workpeople in the conduct of exchanges, it is stated that, apart from the 119 exchanges classified as being "in the hands of employers and workpeople jointly," there were 312 others in which both parties co-operated in the working of the institution.

Of the 2,224 exchanges, 888 were situated in large towns containing 100,000 inhabitants and over, 654 were in towns with populations of between 20,000 and 100,000, 632 were in small towns with less than 20,000 inhabitants, and 50 were in rural communes. The communes with 10,000 inhabitants and over which possessed labour exchanges numbered 388 out of a total of 576. The services of the majority of the exchanges were restricted by their rules to certain specific trades, 994 being limited to a single trade, and 545 to two or more trades. The number unrestricted in this respect was 624; while, as regards 61, information on this point was either insufficient or wholly lacking. Four hundred and six exchanges charged fees for their services, these being payable in 327 cases by the employers alone, in 32 cases by the workpeople alone, and in 47 by both employers and workpeople. In the majority of instances, however—i.e., 1,745, the services of the exchanges were given gratis. Information on this point could not be stated with regard to 73 exchanges.

The number of exchanges which stated that they received regular financial assistance from public authorities was 418; while 1,806 either reported that no such aid was received, or gave no information on the subject. Four hundred and eight gave estimates of the value of assistance received in kind (premises, clerical help, privileges as to use of post office, telephone, telegraph, reduction of railway fares, &c.), while 1,816 were either not so assisted or gave no details. The total value of assistance, both in cash and in kind, for the year 1912 was estimated at £30,014.

The Report gives the following details with regard to the number of situations filled by the exchanges:—

Year.	Number of Exchanges Reporting Figures for the Year.	Total Situations Filled.
1909	1,439	1,915,779
1910	1,571	2,555,460
1911	1,917	3,424,799
1912	1,985	3,594,502

It is stated that the enquiry failed to determine with what degree of exactitude the various exchanges verify their records of "situations filled," so as to ascertain whether men sent to situations do, or do not, secure them. It is stated to be a not uncommon practice to count as "situations filled" all cases in which an applicant has been sent to an employer, regardless of whether he has secured the situation or not.

It was also found impossible to obtain sufficient data to enable a distinction to be made between temporary and permanent situations.

\* Statutory associations of master craftsmen, some compulsory, others voluntary.

\* Erhebung über Arbeitsnachweise im Deutschen Reich nach dem Stande von Ende 1912. Supplement to Reichsarbeitsblatt, the Journal of the German Labour Department, June, 1913.

## THE TRADES UNION CONGRESS.

THE forty-sixth Annual Congress of the Trade Unions of the United Kingdom was held at Milton Hall, Manchester, on Monday, September 1st, and the five following days. The Congress was presided over by the Chairman of the Parliamentary Committee, Mr. W. J. Davis, J.P., General Secretary of the National Society of Amalgamated Brassworkers and Metal Mechanics.

The analysis into groups of trades given below shows the composition of the Congress compared with the corresponding figures for the Congress of 1912:—

Groups of Trades.	1912.			1913.		
	No. of Organisations.	No. of Delegates.	No. of Members.	No. of Organisations.	No. of Delegates.	No. of Members.
Building .. .. .	4	7	44,988	7	12	63,739
Mining and Quarrying .. .. .	9	132	566,800	10	140	618,486
Engineering .. .. .	12	18	54,988	11	18	62,516
Shipbuilding (including Boilermaking) .. .. .	3	10	80,263	3	10	89,782
Other Metal Trades .. .. .	4	35	71,664	5	47	93,192
Textiles .. .. .	13*	88	304,619	13*	94	326,901
Clothing .. .. .	7	16	64,131	7	17	79,104
Transport (Land and Water) .. .. .	15	61	311,270	16	67	317,106
Chemical, Gas and General Labourers .. .. .	8	19	138,031	9	33	159,390
Printing, Bookbinding, etc. .. .. .	11	23	65,715	11	23	68,954
Pottery and Glass .. .. .	4	5	8,194	4	4	8,262
Woodworking, Furnishing, etc. .. .. .	7	9	31,047	6	8	29,591
Baking and Cigar-making .. .. .	3	6	12,606	3	6	12,601
Enginemen .. .. .	5	27	53,399	5	26	51,950
Post Office Employees .. .. .	5	8	72,846	5	8	76,217
Miscellaneous .. .. .	17	30	106,793	20	38	160,067
Total .. .. .	127	494	1,987,354	135	551	2,217,836

The number of organisations accounted for in the above statement is 135, but some of these organisations are Federations having members of several of their constituent Trade Unions in attendance at the Congress. Allowing for such cases, members of about 220 Trade Unions attended as delegates this year out of about 1,135 Unions in existence. The membership represented comprised about two-thirds of the total membership of all Trade Unions, and showed an increase of 11.6 per cent. as compared with a year ago.

Among the principal subjects on which the Congress passed resolutions were:—The conduct of the authorities during the disturbances in Dublin; the ballot to be taken under the Trade Unions Act, 1913, respecting the inclusion of political action in the objects of trade societies; the adoption of a specified period for the operation of all industrial agreements and the fixing of a common date and period for all future agreements; the need for an increase of wages in view of the enhanced cost of living; railway nationalisation; the fair wages clause in Government contracts; the eight hours' day; the minimum wage; security of tenure of agricultural labourers' cottages; legislation against the eviction of workpeople during disputes; and the amendment of the Workmen's Compensation and National Insurance Acts.

It was also agreed to rescind a resolution passed at the Nottingham Congress in 1908 demanding a minimum wage for clerks.

The voting by Congress for members of the Parliamentary Committee for the ensuing year resulted in the election of representatives of the following organisations:—Boilermakers and Iron and Steel Shipbuilders, General Union of Carpenters and Joiners, Amalgamated Cotton Spinners, National Union of Dock Labourers, National Union of Gas and General Workers, National Amalgamated Brassworkers, Miners' Federation, National Amalgamated Printers' Warehousemen, National Union of Railwaymen, Amalgamated Weavers, Amalgamated Watermen, Lightermen and Bargemen, Ship Constructors and Shipwrights, United Pattern-makers, National Amalgamated Shop Assistants, National Vehicle Workers, and Amalgamated Musicians. Mr. J. A. Seddon was elected Chairman of the Committee.

\* In some of the textile trades not only are amalgamated associations represented as such, but the branch associations of which they consist send separate delegates. These branch associations have not been reckoned as separate organisations.

## RAILWAY ACCIDENTS IN 1912.

A REPORT\* has recently been issued by the Board of Trade giving particulars of the number of persons killed or injured in the working of railways during 1912.

The accidents are, as usual, grouped under the three main heads of (1) Train accidents, (2) Accidents caused by the movement of trains and railway vehicles, exclusive of train accidents, and (3) Accidents on railway premises not due to either of the above causes. These three groups are further sub-divided according as they relate to (a) Passengers, (b) Railway servants, and (c) Other persons.

The total number killed in 1912 under heads (1) and (2) was 1,010, and the number injured 8,700, as compared with 1,070 killed and 8,345 injured in 1911. The yearly averages for the 10 years 1901-1910 were 1,096 killed and 7,348 injured.

The number of train accidents in 1912 necessitating official inquiries was 24, six of which were attended with loss of life. The number of passengers killed in train accidents was 19, as compared with 14 in 1911. The large number for 1912 was mainly due to an accident at Ditton Junction, in which 13 passengers were killed. The average number of passengers killed during the ten years 1901-1910 was 18. The number of passengers injured through accidents to trains during 1912 was 683, an increase of 215 on 1911; the average number of passengers injured during the ten years 1901-1910 was 586. Train accidents also accounted for the death of 6 railway servants and for injuries to 154.

Accidents caused by the movement of trains and railway vehicles other than train accidents accounted for the death of 90 passengers and 330 railway servants (exclusive of contractors' servants) and for injuries to 2,146 passengers and 5,379 railway servants. The Report calls attention to the fact that these casualties to passengers, which are so much more numerous than those caused by train accidents, arise largely from the carelessness of the passengers themselves. In connection with this class of accident 838 inquiries were held during 1912 into accidents to persons other than passengers, 720 of which related to accidents to 736 servants of railway companies due to the movement of vehicles. The following Table shows the causes of the accidents that occurred to servants of the railway companies:—

CAUSE.	Inquired into.	Not Inquired into.	Total.
1. Misadventure or accidental .. .. .	116	3,509	3,625
2. Want of caution or misconduct on the part of the injured person .. .. .	357	1,143	1,500
3. Want of caution or breach of rules, etc., on the part of servants, other than the persons injured .. .. .	144	208	352
4. Defective systems of working, etc. .. .. .	81	10	91
5. Defective apparatus, etc. .. .. .	27	96	123
6. Neglect of rules under the Railway Employment Act, 1900 .. .. .	11	7	18
TOTAL .. .. .	736	4,973	5,709

It will be seen from the above Table that the accidents comprised under the first three headings, which, so far as they are affected by rules, &c., may be called unpreventable, outnumber the preventable accidents by more than 23 to 1.

The following Tables show the number of railway servants employed in certain occupations killed and injured in 1912:—

## I.—Train Accidents.

Grade.	No. employed on 31st Dec., 1910.†	1912.	
		No. killed.	No. injured.
Engine Drivers .. .. .	27,330	2	42
Firemen .. .. .	25,419	2	35
Guards (Passenger) .. .. .	8,239	—	15
Guards (Goods) and Brakesmen .. .. .	15,339	1	42
Total 1912 .. .. .	—	5†	134‡
Total 1910 .. .. .	76,327	—	—

\* Cd. 6932. Price 2s. 1.

† Latest date for which the figures have been obtained.

‡ In addition to the above one railway servant was killed and 20 injured who were not employed in running trains.

## II.—Other Railway Accidents, caused by the movement of trains and railway vehicles.

Grade.	No. employed on 31st Dec. 1910.†	1912.	
		No. killed.	No. injured.
Goods Guards and Brakesmen .. .. .	15,339	27	976
Permanent-way men .. .. .	66,305	73	166
Engine Drivers .. .. .	27,330	18	531
Firemen .. .. .	25,419	14	698
Shunters .. .. .	13,281	24	992
Porters .. .. .	57,889	49	688
Passenger Guards .. .. .	8,239	3	159
Labourers .. .. .	56,514	30	141
Total 1912 .. .. .	—	238	4,351
Total 1910 .. .. .	270,116	—	—

## III.—Other Accidents on Railway Premises.

There were also on railway premises a large number of accidents other than those connected with the movement of railway vehicles which cannot properly be classed as railway accidents, being due to falls, kicks by horses, &c. In 1912 these accounted for the death of 107 persons and injury to 23,920. The corresponding figures for 1911 were 89 and 23,913 respectively.

## STATE SUBSIDISED LABOUR EXCHANGES IN DENMARK.

A LAW for the establishment and control of communal labour exchanges in Denmark was passed on April 29th last, and came into force on July 1st.† Under this measure public labour exchanges may be set up by individual communes, or by unions of communes. Exchanges which fulfil the conditions required by the new law are recognised by the State, and are entitled to receive a State subsidy, which may amount to, but must not exceed, one-third of the expenses incurred during the last financial year. In the provinces each exchange is to be controlled by a committee of at least seven members. These are to be chosen by the Communal Council, and are to consist of a chairman (who must not be an employer or workman, nor an official of an employers' association or of a trade union), and equal numbers of employers and workpeople. The chairman must be elected by the votes of a clear majority of the Communal Council; failing this, he is to be appointed by the Minister of the Interior. The term of office of the members of the committee is to be concurrent with that of the Communal Council which elected them. Every person fulfilling the conditions, and at the same time qualified for election to the Communal Council, must accept office if elected to the committee, but can refuse to do so for the succeeding term. The members are to receive no regular salaries, but may be allowed fees for each attendance.

The labour exchange at Copenhagen is to act as the Central Exchange for the whole of Denmark. A Director of Labour Exchanges, appointed by the Crown, is charged with the direction of the Central Office, the supervision of all the approved labour exchanges and the securing of the necessary co-operation between the latter. In his capacity as Director of the Central Office he is to be assisted by a Supervising Council of at least ten members, composed of employers and workpeople in equal numbers. Four of the ten members are to be appointed by the Minister of the Interior, after the central federations of the employers' and workpeople's unions have been consulted as to the selection. The remaining members are to be chosen by the Town Council of Copenhagen, and are subject to the same rules as the members of provincial committees as regards obligation to accept office, &c. The Minister of the Interior may establish a labour exchange in any place where, two years after this law has been in force, there shall exist no exchange fulfilling the statutory conditions. The operations of approved labour exchanges are to extend to all branches of employment, and their services are to be given without charge to either employers or workpeople. When the

\* Latest date for which the figures have been obtained.

† Lov om Arbejdsanvisning (som vedtaget af Rigsdagen). Copenhagen. Forlagt af V. Pios Boghandel (Poul Branner), 1913.

exchange is informed by a trade organisation of the existence of a strike or lock-out it is required to bring the fact to the notice of persons applying for situations, but must continue its services as an agency for the supply of labour. Travelling expenses may be paid to persons directed through the exchange to situations at a distance from their homes, but only to an amount equal to half the cost of the necessary railway or steamboat ticket.

Approved labour exchanges are required to co-operate with the Central Exchange and with other approved exchanges, and to assist in the collection of statistics. Approved unemployment funds (see BOARD OF TRADE LABOUR GAZETTE for July, 1907, pp. 197-8) are to forward weekly to the approved labour exchanges covering their district a list of their members who are receiving unemployment pay, and also, as far as possible, a list of those unemployed members who are not receiving such pay. In notifying vacant situations to persons seeking employment, members of approved unemployment funds are to be given preference, other things being equal.

## DISTRESS COMMITTEES IN ENGLAND AND WALES, 1912-3.

THE Local Government Board have recently issued a Return\* as to the proceedings of Distress Committees in England and Wales and of the Central (Unemployed) Body for London under the Unemployed Workmen Act, 1905, during the year ended March 31st, 1913.

Out of the 98 provincial Committees, 55 did not open their registers, while the Committee of Cardiff did not investigate any of the cases they registered.

The estimated population of the 29 London and 43 provincial districts in which applications were received was about 12,200,000; the total number of applicants was 43,381, or 3.5 per 1,000 of the population. The total number of applications registered in London was equivalent to 3.6 per 1,000 of the population, the highest proportions being shown in Poplar (8.3 per 1,000) and Fulham (7.0 per 1,000). In 12 areas bordering on London, the average proportion was 5.0 per 1,000. The average proportion of applicants registered in provincial districts was 3.5 per 1,000 of the population.

Both the total number of applicants (43,381) and the number found qualified for assistance under the Act (30,662) during the year ended March 31st, 1913, were considerably less than the number recorded in the preceding winter (54,019 and 37,643 respectively); the proportion of applicants registered per 1,000 of the population fell from 4.5 in 1911-12 to 3.5 in 1912-13. The decrease in the number of applications received, as compared with the previous year, viz., 10,638, was considerably less than the corresponding decrease shown in the return for the year 1911-12 (19,472). The decrease was more marked in London than in the provincial districts, being 22 per cent., while in the districts outside London the total number of applicants was only 18.2 per cent. less than in the previous year. With the notable exception of Swansea, which showed an increase of 2,595 applications, nearly all districts showed a decrease.

In 19,166 cases, or 44 per cent. of the total number of applications, the applicants had applied to a Distress Committee on a former occasion—i.e., at some date prior to April 1st, 1912; the corresponding number of renewed applications for the previous year was 25,617 out of 54,019, or 47.4 per cent. of the total number of applications received.

The number of cases which were investigated during the year amounted to 37,412. In 6,750 of the cases investigated the applications were rejected by the Committees for various reasons—e.g., on account of unsatisfactory character, or on the ground that the applicants had removed from the district or had already found work. The last-mentioned cause is shown by the returns to have operated in a very large number of instances. The number of applicants whose cases, after investigation, were found qualified for assistance under the Act was 30,662, or 70.7 per cent. of the whole number of applicants. Of the applicants found qualified

\* Parliamentary Paper No. 234 of Session 1913.

for assistance, 3.4 per cent. were under 20 years, 74.2 per cent. were between the ages of 20 and 50 years, and 22.4 per cent. were 50 years of age or over.

Occupations.	London.	Percentage of Total of all Occupations.	Total (London and Provinces).	Percentage of Total of all Occupations.
General or casual labour .. ..	1,831	23.4	14,315	46.7
Transport and conveyance of men, goods and messages .. ..	1,609	20.6	3,321	10.8
Building trades .. ..	2,409	30.8	6,225	20.3
Engineering, shipbuilding and metal trades .. ..	440	5.6	1,665	5.4
Furnishing and woodworking trades .. ..	195	2.5	374	1.2
Food, drink and tobacco trades .. ..	305	3.9	679	2.2
Domestic service .. ..	309	3.9	539	1.8
Tailoring and clothing trades .. ..	164	2.1	306	1.0
Textile trades .. ..	16	0.2	106	0.3
Boot and shoe making trades .. ..	65	0.8	589	1.9
Printing, bookbinding and other paper trades .. ..	99	1.3	197	0.7
Other occupations .. ..	381	4.9	2,346	7.7
Totals .. ..	7,823	100.0	30,662	100.0

Employment, either on relief works or on ordinary work, with local authorities or private employers, was offered to 23,028 persons, including 5,802 in London. The total number who took up the work offered or found for them (including a certain number who were already at work at the beginning of the year) was 18,439, as compared with 23,011 in 1911-12.

The total amount earned in wages by the men and women employed in the various works provided by the Central (Unemployed) Body, Distress Committees and local authorities, so far as shown, was £76,554, of which approximately £18,340 was paid to men employed in labour colonies, and to their families. The average amount earned by men in the labour colonies was £9, and by men otherwise employed £3 per head.

The number of persons (including dependants) assisted to emigrate during the year was 3,544, as compared with 4,233 in 1911-12; the number assisted to remove to other areas in England and Wales was 94, as compared with 115 in the previous year.

The total receipts for the financial year 1912-13 of the Central (Unemployed) Body and Distress Committees in London and the provinces amounted to £158,213, including £56,055 from rates, £64,972 from the Parliamentary grant administered by the Local Government Board, £2,499 from repayments for work done, and £2,884 from voluntary contributions or collections. The expenditure amounted to £157,349, including £34,679 for cost of work provided in farm and labour colonies, £49,992 for other work, £11,314 for cost of employment registers and collection of information, and £43,826 in aid of emigration or removal to other areas.

## EMPLOYMENT IN THE BRITISH DOMINIONS OVERSEA.

Monthly report, compiled by the Emigrants' Information Office, 34, Broadway, Westminster, London, S.W., from the latest official and other reports, newspapers, &c.\*

### Canada.

ALL emigrants landing in Canada between March 1st and October 31st must possess \$25 (£5 4s.), and children \$12.50 (£2 12s.) each, and double these sums in the winter, and sufficient travelling money, except that the following need have sufficient travelling money only: (1) Farm labourers and female servants, if going to assured employment as such; (2) certain relatives of residents in Canada. Owing to the over-supply of mechanics and labourers in the West these restrictive regulations are being rigidly enforced.

There is no demand for mechanics; many, especially those in the building trades, are out of work, and both mechanics and unskilled labourers are warned against going to Canada now. Farm labourers are in demand at the moment, but the demand will be over in two or three weeks. The demand for female servants, both in towns and on farms, continues; but the demand for trained nurses, governesses, lady helps, typists, factory girls, and educated women (except teachers) is very small. Over

\* Handbooks (with maps) on the different British Dominions Oversea may be obtained from the Emigrants' Information Office at a penny each, post free.

3,000 coal miners on Vancouver Island have been on strike for some months.

### Australia.

Assisted or nominated passages are granted—mainly to agriculturists and female servants—by the Governments of New South Wales, Victoria, South Australia, Western Australia, and Tasmania. By an Act passed in 1912 all persons are prohibited from landing in Australia who are not possessed of the prescribed certificate of health. Such certificate must be obtained in this country from a Medical Referee appointed by the Commonwealth, or in his absence from the ship's medical officer, or on arrival in Australia from a Medical Referee there. Military training for a limited period is compulsory in Australia under penalties for all men under the age of 26.

**New South Wales.**—The general conditions in the country districts are satisfactory. In Sydney and suburbs employment in the building, iron, boot, clothing, printing, and furniture trades, and in factories, has only been fair, and a good many stonemasons, farriers, and carpenters have been out of work. There is, however, some demand for boilermakers. Miners at Broken Hill and at Cobar have been well employed. Lads willing to learn farming may procure a cheap passage, and a year's free training in New South Wales. There is a good demand for female servants. The Immigration Departments of New South Wales and Victoria in this country are now amalgamated.

**Victoria.**—There is a demand for farmers in irrigation and other districts, for farm and general labourers, for British lads from 16 to 20 years old on farms, and for female servants; but no demand for mechanics, miners, or female factory hands.

**South Australia.**—There is no demand in the building trades, and men in all branches (except masons) are out of work. Other trades are equally slack, except that there is a demand for a few skilled boilermakers and tinsmiths. Such men, however, should land with sufficient money to live on till they secure work.

**Queensland and Western Australia.**—There is a good demand for farm labourers, dairymen, married couples on farms and stations, and female servants. The supply of mechanics and miners is equal to the demand. All assisted emigration to Queensland is suspended.

### New Zealand.

Reduced or nominated passages are granted by the Government of New Zealand to approved farmers, farm labourers, shepherds, their wives and families, and female domestic servants.

The conditions in the building, engineering, clothing, printing, woodworking and coach building trades have been fair only, and there is no demand for more labour; coal miners are busy. There is a demand for female servants, and for some factory workers, such as tailoresses. Military training for a limited period is compulsory in New Zealand under penalties for all males under the age of 25.

### Union of South Africa.

The new Immigration Regulation Act is now in force. Johannesburg is quieting down after the recent serious strike of the miners; but no miner should go there at the present time in search of work. Many painters, bricklayers, masons, and plasterers are idle; but boilermakers, blacksmiths, drill sharpeners, and engineers are well employed. At the Cape the only demand is for a few skilled carpenters, tailors, upholsterers, and saddlers; many stonemasons, bricklayers, and painters are unemployed. At Durban in Natal a few first-class carpenters, cabinet-makers, french polishers, and painters have been wanted. There is some demand for female servants in parts of South Africa. These, however, should not go out alone, but in charge of the South African Colonisation Society, 23, Army and Navy Mansions (No. 2), 115, Victoria Street, London, S.W.

Investigations which have been carried out upon the Rand show that a considerable percentage of the underground miners, and more particularly of the machine drillers, are liable to become affected with "miners' phthisis." This risk should be borne in mind by miners contemplating emigration to the Transvaal.

## LABOUR ABROAD.

[NOTE.—The following reports include an abstract of such official information as is available with regard to the state of employment in foreign countries, in order to indicate, as far as possible, the fluctuations in employment in each country from period to period. The bases of the official statistics published in these countries are, however, not the same as those for the United Kingdom, and therefore the figures quoted below cannot properly be used with those on pp. 321-322 to compare the actual level of employment in the United Kingdom with that in foreign countries. (For further information on the subject of the bases of the unemployment statistics of the various countries, see pp. xxiv-xxvi. and 8-20 of the Fourth Abstract of Foreign Labour Statistics, Cd. 5415 of 1911.)]

### FRANCE.\*

**Employment in July.**—In the building trades there was increased activity; nearly all trade unions making returns stated that employment was good, and the percentage of unemployed members was very small. Employment improved in the metal trades, and, leaving out of account sardine box makers (of whom 71 per cent. were unemployed), the percentage out of work was the smallest recorded for a long time. The improvement previously reported in the textile trades did not continue, and the percentage unemployed was higher than in any July since 1908. Employment continued to improve in the leather trades. The printing trades showed a slight falling-off, the percentage out of work being rather higher in Paris than in the provinces. Among commercial employees the percentage reported out of work was high, especially in Paris. For vineyard workers in the South of France operations for protecting the vines against disease due to damp were still in progress, but the proportion of unemployed was somewhat higher than in June. Woodcutters found employment in harvesting. In the Paris district gardeners' work was hindered by bad weather.

Returns showing the number of members unemployed at the middle of the month were received by the French Labour Department from 902 trade unions, with an aggregate membership of 267,157. Excluding returns from the miners' unions in the Pas-de-Calais Department, 5.3 per cent. of the members were unemployed in July, as compared with 4.3 per cent. in the previous month, and 4.9 per cent. in July, 1912.†

**Coal Mining in July.**—The average number of days worked per week by persons employed underground in coal mines during July was 5.95, as compared with 5.97 in the previous month, and 5.95 in July, 1912. Taking surface and underground workers together, 86.7 per cent. worked full time (six days or over per week), and 11.59 per cent. from 5 to 6 days. In the previous month the corresponding percentages were 91.8 and 7.95, and in July, 1912, 79.40 and 20.50.

**Labour Disputes in July.**—One hundred and nine disputes were reported to the French Labour Department as having begun in July, as compared with 111 in the previous month, and 121† in July, 1912. In 101 of the new disputes 10,377 workpeople took part, as compared with 25,360 who took part in 101 disputes begun in the previous month, and 5,879 who took part in 87 disputes begun in July, 1912. Of 114 new and old disputes reported to have terminated, 11 ended wholly in favour of the workpeople, 61 wholly in favour of the employers, and 42 were compromised.

**Conciliation and Arbitration in July.**—Ten cases of recourse to the law of 1892 on conciliation and arbitration were reported to the French Labour Department during July. In 9 cases the employers declined to take part in conciliation proceedings. In the remaining case a conciliation committee was formed, resulting in the settlement of the dispute.

**Employment of Women, Children and Young Persons at Stalls outside Shops.**—By a decree dated June 21st, 1913, it is forbidden to employ boys under 14 and girls under 16 at stalls placed outside shops and stores. Lads

\* Bulletin du Ministère du Travail et de la Prévoyance Sociale (Journal of the French Ministry of Labour).

† These figures are not comparable with the unemployment percentages for the United Kingdom shown on pp. 321-322. For reasons see Fourth Abstract of Foreign Labour Statistics.

‡ Revised figure.

between 14 and 18 and girls between 16 and 18 years of age may be so employed, but not for longer than six hours daily, and in that case only for two hours at a time at most, with an interval of at least one hour between successive periods of employment. Furthermore, lads under 18 and women and girls of any age must not, under any circumstances, be employed at stalls of this nature after 8 o'clock in the evening, or when the temperature is below freezing-point. When the weather is cold, adequate warming apparatus must be provided for such employees in the interior of the shop.

### GERMANY.

**Employment in July.**—According to the Reichsarbeitsblatt,\* a further decline took place in July in the state of the labour market as a whole, both as compared with the previous month and with July, 1912.

Returns relating to unemployment were furnished to the Imperial Labour Department by 45 trade unions, with an aggregate membership of 1,998,044. Omitting branches which failed to make returns, the membership covered was 1,946,569, of whom 55,586, or 2.9 per cent., were stated to be unemployed at the end of July, as against 2.7 per cent. in the previous month and 1.8 per cent. in July, 1912.†

UNION.	Member-ship reported on at end of July, 1913.	Percentage of Member-ship returned as un- employed at end of month.†		
		July, 1913.	June, 1913.	July, 1912.
All Unions making Returns —	1,946,569	2.9	2.7	1.8
PRINCIPAL UNIONS:—				
Metal Workers (Soc. Dem.) .. ..	557,146	2.4	2.2	1.3
Metal Workers (Christian) .. ..	40,828	1.3	1.0	0.6
Textile Workers (Soc. Dem.) .. ..	139,990	2.0	1.1	0.7
Textile Workers (Christian) .. ..	39,489	3.2	0.4	0.6
Boot and Shoe Makers .. ..	41,050	2.0	2.4	1.7
Transport Workers .. ..	229,638	1.9	1.9	1.3
Printers .. ..	66,420	6.1	6.1	6.4
Bookbinders .. ..	33,628	3.5	3.2	3.0
Woodworkers .. ..	190,706	4.9	5.2	2.2
Bakers .. ..	27,629	7.4	6.8	6.7
Brewery and Corn Mill Workers .. ..	47,708	1.5	1.0	1.4
Tobacco Workers .. ..	32,650	3.1	3.1	1.7
Factory Workers (irrespective of trade)	210,264	1.5	1.2	1.0
State and Municipal Workers .. ..	52,708	1.4	0.6	0.3

According to the reports from employers, employment in the coal mining industry continued quiet in the Ruhr district and good in Upper and Lower Silesia. It also continued good in lignite mining in Central Germany, and in iron mining. Statistics issued by the Union of German Iron and Steel Manufacturers show that the production of pig-iron reached a record figure. Employment was, on the whole, moderate in the potash industry and in iron foundries and in steel and engineering works. In the electrical and chemical trades employment was good. Most branches of the textile and woodworking trades suffered from a dearth of employment, and conditions were described as worse than in June, or in July, 1912. Employment continued bad in the building trades.

### HOLLAND.‡

**Employment in July.**—Returns relating to unemployment in July were received by the Dutch Government Statistical Office from trade unions and municipal unemployment funds with a total membership of 63,920. The percentage of members out of work during the month was 3.7, as compared with 3.9 in the preceding month and 2.7 in July, 1912.§ This percentage is obtained by taking, for each of the four (or five) weeks in the month under consideration, the number of persons unemployed on one or more days of the week. The proportion of the average of these four (or five) numbers to the total membership of the funds gives the percentage. The following table shows, for each of the principal groups of trades, the percentage reported unemployed,

\* The Journal of the German Labour Department.

† These figures are not comparable with the unemployment percentage for the United Kingdom shown on pp. 321-322. For reasons see Fourth Abstract of Foreign Labour Statistics.

‡ Maandschrift van het Centraal Bureau voor de Statistiek (Journal of the Dutch Government Statistical Office).

§ These figures are not comparable with the unemployment percentages for the United Kingdom shown on pp. 321-322, which are based on the numbers unemployed on a given day in the month.









Employment was fairly good at Belfast and in other parts of Ireland, and showed some decline compared with a month ago in the Belfast district. Employment also showed a slight decline in Scotland.

A deficiency of workpeople was still reported in the principal districts.

Imports and Exports.

Table with 6 columns: Description, Aug. 1913, July 1913, Aug. 1912, Inc. (+) or Dec. (-) in Aug., 1913, on a Month ago, Year ago. Includes Imports: Flax (Dressed and Undressed, Tow or Cordilla), Exports (British & Irish): Linen Yarn, Linen Piece Goods.

JUTE TRADE.

EMPLOYMENT generally continued good; it showed a slight decline compared with a month ago, and was about the same as a year ago.

Returns from firms employing 15,244 workpeople in the week ended August 23rd showed a decrease of 0.4 per cent. in the number employed, and of 2.3 per cent. in the amount of wages paid, as compared with July. Compared with a year ago there was a decrease of 0.9 per cent. in the number employed, and an increase—due largely to advances in rates of wages—of 8.6 per cent. in the amount of wages paid.

Table with 6 columns: Description, Week ended Aug. 23rd, 1913, Inc. (+) or Dec. (-) on a Month ago, Year ago, Week ended Aug. 23rd, 1912, Inc. (+) or Dec. (-) on a Month ago, Year ago. Includes Departments: Preparing, Spinning, Weaving, Other.

Employment continued good in the Dundee district, in which are employed about 85 per cent. of the total number of workpeople reported on; some deficiency of preparers, spinners and weavers was reported. Employment also continued good in the Forfar, Brechin and Arbroath districts.

Imports and Exports.

Table with 6 columns: Description, Aug. 1913, July 1913, Aug. 1912, Inc. (+) or Dec. (-) in Aug., 1913, on a Month ago, Year ago. Includes Imports: Jute, Exports (British & Irish): Jute Yarn, Jute Piece Goods.

HOSIERY TRADE.

EMPLOYMENT continued good, and was slightly better than a year ago.

Table with 6 columns: District, Week ended Aug. 23rd, 1913, Inc. (+) or Dec. (-) on a Month ago, Year ago, Week ended Aug. 23rd, 1912, Inc. (+) or Dec. (-) on a Month ago, Year ago. Includes Leicester, Leicester Country District, Notts and Derbyshire, Scotland, Other Districts.

Returns from firms employing 18,970 workpeople in the week ended August 23rd showed an increase of 0.3 per cent. in the number employed, and a decrease of 0.8 per cent. in the amount of wages paid, compared with a month ago. Compared with a year ago, there

was an increase of 1.2 per cent. in the number employed, and of 2.7 per cent. in the amount of wages paid.

At Leicester employment continued good, and was better than a year ago. At Hinckley and Loughborough it was fairly good. In Nottinghamshire and Derbyshire employment continued fairly good with power frame workers, and was better than a year ago; in Derbyshire there was a slight decline as compared with a month ago; with hand frame workers in Nottinghamshire it was fair. In Scotland employment was fairly good but showed a decline compared with a month ago.

Imports and Exports.—The Table below shows the values of woollen and cotton hosiery imported and exported during the months stated:—

Table with 6 columns: Description, Aug. 1913, July 1913, Aug. 1912, Inc. (+) or Dec. (-) in Aug., 1913, on a Month ago, Year ago. Includes Imports: Hosiery, Woollen, Cotton, Exports (British & Irish): Hosiery, Woollen, Cotton.

LACE TRADE.

EMPLOYMENT in the levers section continued bad, and was worse than a year ago. In the curtain and plain net branches it continued fairly good, and was better than a year ago in the plain net section.

Returns from firms employing 5,884 workpeople in the week ended August 23rd showed a decrease of 0.1 per cent. in the number employed, and an increase of 2.6 per cent. in the amount of wages paid, compared with a month ago. Compared with a year ago, there was a decrease of 3.3 per cent. in the number employed, and of 0.2 per cent. in the amount of wages paid.

Table with 6 columns: Description, Week ended Aug. 23rd, 1913, Inc. (+) or Dec. (-) on a Month ago, Year ago, Week ended Aug. 23rd, 1912, Inc. (+) or Dec. (-) on a Month ago, Year ago. Includes Branches: Levers, Curtain, Plain Net, Others; Districts: Nottingham City, Long Eaton and other outlying districts, Other English districts, Scotland.

At Nottingham employment in the levers branch continued bad, and was worse than a year ago; much short time was reported. In the curtain and plain net branches it continued good. At Long Eaton employment showed an improvement compared with a month ago, but a slight decline as compared with a year ago; short time was reported in the levers branch. In the West of England employment continued fairly good, and the plain net branch showed an improvement compared with a year ago. In Scotland employment in the curtain branch continued fair, but was not so good as a year ago.

Imports and Exports.

Table with 6 columns: Description, Aug. 1913, July 1913, Aug. 1912, Inc. (+) or Dec. (-) in Aug., 1913, on a Month ago, Year ago. Includes Imports: Cotton Lace, Silk Lace, Exports (British & Irish): Cotton Lace, Silk Lace.

SILK TRADE.

EMPLOYMENT continued fairly good, and was slightly better than a year ago.

Returns from firms employing 7,931 workpeople in the week ended August 23rd showed a decrease of 1.2 per cent. in the number employed, and no change in the amount of wages paid, compared with a month ago. Compared with a year ago, there was a decrease of 0.5 per cent. in the number employed, and an increase of 2.2 per cent. in the amount of wages paid.

Table with 6 columns: Description, Week ended Aug. 23rd, 1913, Inc. (+) or Dec. (-) on a Month ago, Year ago, Week ended Aug. 23rd, 1912, Inc. (+) or Dec. (-) on a Month ago, Year ago. Includes Branches: Throwing, Spinning, Weaving, Other, Not specified; Districts: Lancashire and W. Riding of Yorkshire, Macclesfield, Congleton and District, Eastern Counties, Other Districts, including Scotland.

At Macclesfield employment was reported as good with throwsters, spinners, and factory hand-loom weavers; with power-loom weavers and outside hand-loom weavers it was fair. At Leek employment was fair in all the principal branches; at Congleton it was moderate. In the Lancashire and West Riding district employment showed a slight decline compared with a month ago and a year ago. In the Eastern Counties employment was reported as fair, and better than a year ago. With weavers at Dublin it was good, and better than a month ago.

Imports and Exports.

Table with 6 columns: Description, Aug. 1913, July 1913, Aug. 1912, Inc. (+) or Dec. (-) in Aug., 1913, on a Month ago, Year ago. Includes Imports: Raw Silk, Thrown Silk, Spun Silk Yarn, Silk Broad-Staffs; Exports (British & Irish): Thrown Silk, Spun Silk Yarn, Silk Broad-Staffs.

CARPET TRADE.

EMPLOYMENT during August was not quite so good as a month ago; it was better than a year ago. Returns from firms employing 7,979 workpeople, and paying £7,277 in wages, in the week ending August 23rd, 1913, showed no change in the number of workpeople employed, and a decrease of 0.7 per cent. in the amount of wages paid compared with a month ago. Compared with a year ago there was an increase of 0.6 per cent. in the number employed and of 4.5 per cent. in the amount of wages paid.

In the Kidderminster district employment continued quiet. In the West Riding of Yorkshire employment was slightly worse than a month ago, and short time was worked. In Scotland employment was fairly good.

BLEACHING, PRINTING, DYEING AND FINISHING.

EMPLOYMENT, on the whole, continued fairly good.

Returns from firms employing 31,254 workpeople in the week ended August 23rd showed no change in the number employed, and an increase of 1.2 per cent. in the amount of wages paid, compared with a month ago. Compared with a year ago, there was a decrease of 0.2 per cent. in the number employed, and an increase of 3.6 per cent. in the amount of wages paid.

Table with 6 columns: District, Week ended Aug. 23rd, 1913, Inc. (+) or Dec. (-) on a Month ago, Year ago, Week ended Aug. 23rd, 1912, Inc. (+) or Dec. (-) on a Month ago, Year ago. Includes Trades: Bleaching, Printing, Dyeing, Trimming, Finishing, and Other Departments, Not specified; Districts: Yorkshire, Lancashire, Scotland, Ireland, Other Districts.

Bleaching.—Employment with cotton bleachers in Lancashire was moderate, and not so good as a year ago; a considerable amount of short time was reported. At Basford employment continued fair.

Printing.—Employment with machine calico printers was reported as moderate in England and fair in Scotland, and not so good as a year ago. In Derbyshire employment with engravers was good.

Dyeing.—Employment with woollen and worsted dyers was reported as fair. About a quarter of the trade union dyers worked short time, and about a tenth worked overtime. With cotton dyers in Lancashire and Yorkshire employment continued moderate. With silk dyers it was fair at Macclesfield and Leek and good at Congleton. With lace dyers at Nottingham it was bad.

Trimming, Finishing, etc.—At Leicester employment was fairly good with hosiery trimmers, etc.; at Hinckley it was good, and at Loughborough full time was worked; at Basford and Bulwell it continued fair.

BOOT AND SHOE TRADE.

EMPLOYMENT was fairly good for the time of year, though some short time was worked. It showed a slight decline compared with a month ago, and was about the same as a year ago.

Returns from firms employing 68,725 workpeople in the week ended August 23rd showed a decrease of 0.2 per cent. in the number employed, and of 1.6 per cent. in the amount of wages paid, compared with a month ago. Compared with a year ago there was a decrease of 0.3 per cent. in the number employed, but an increase of 0.5 per cent. in the amount of wages paid.

Table with 6 columns: District, Week ended Aug. 23rd, 1913, Inc. (+) or Dec. (-) on a Month ago, Year ago, Week ended Aug. 23rd, 1912, Inc. (+) or Dec. (-) on a Month ago, Year ago. Includes ENGLAND & WALES: London, Leicester, Leicester Country District, Northampton, Northampton Country District, Kettering, Stafford & District, Norwich & District, Bristol & District, Kingswood, Leeds & District, Manchester & District, Birmingham & District, Other parts of England and Wales; ENGLAND & WALES, SCOTLAND, IRELAND, UNITED KINGDOM.

At Leicester employment showed a seasonal slackness, and was not quite so good as a year ago. At Northampton employment was slack, and not so good as a month ago or a year ago. At Kettering employment was reported as moderate; with army bootmakers in North-















II.—TRADE TABLES.

A. INSURED TRADES.

Registrations, Vacancies Notified and Vacancies Filled in the Four Weeks ended August 15th, 1913.

Table with columns for Occupation Groups, Registrations, and Vacancies, split into Adults and Juveniles. Includes sub-columns for On Register at Beginning/End of Period, Registrations during Period, and Vacancies during Period.

\* Including cases in which persons who obtained employment during the period were re-registered on again becoming unemployed. † Occupations are grouped according to the industry with which they are mainly connected.

B. UNINSURED TRADES.

1.—ADULTS.

Registrations, Vacancies Notified and Vacancies Filled in the Four Weeks ended August 15th, 1913.

Large table for Uninsured Trades (Adults) with columns for Trades, Registrations, and Vacancies. Includes sub-columns for Men, Women, and Total.

† Including re-registrations of persons placed in vacancies through the Exchanges during the period.

2.—JUVENILES.

Vacancies Notified and Vacancies Filled in the Four Weeks ended August 15th, 1913.

Table for Uninsured Trades (Juveniles) showing Vacancies Notified and Filled during the period, categorized by Trade.

WOMEN'S EMPLOYMENT BUREAUX IN AUGUST, 1913.

(NOTE.—These are not connected with the Board of Trade Labour Exchanges.)

DURING August 504 fresh applications (233 from domestic servants, etc.) for work were registered by 10 Bureaux furnishing returns, and 595 situations were offered by employers; work was found for 129 persons, of whom 76 were domestic servants (including lady nurses, working housekeepers, and mothers' helps). Of the 129 situations found for applicants, 92 were of a more or less permanent character, while 37 were temporary only.

The demand for cooks, parlourmaids, housemaids and children's nurses exceeded the supply; the supply of ladies' maids and companions exceeded the demand.

Summary by Bureaux table showing Applications by Work-people during, Situations offered by Employers during, and Number of Workpeople engaged by Employers (Permanent and Temporary).

Summary by Occupations table showing Superintendents, Forewomen, &c., Shop Assistants, Dressmakers, Milliners, &c., Secretaries, Clerks, Typists, Apprentices and Learners, Domestic Servants, and Miscellaneous.

In addition to the above registered applications, the returns show that 36 persons in London and 20 in the provinces, were referred to other agencies; 201 persons in London, and 49 in the provinces, were given advice as to training, etc., but were not registered.

RAILWAY GOODS AND MINERAL TRAFFIC RECEIPTS.

(Based on information published weekly in the "Times.")

The goods and mineral traffic receipts of 19 of the principal railways in the United Kingdom during the five weeks ended August 30th, 1913, amounted to £5,642,885, a decrease of £38,933 (or 0.7 per cent.) on the total for the corresponding period of 1912.

During the 35 weeks ended August 30th, 1913, the receipts amounted to £40,863,555, an increase of £3,885,123 (or 10.5 per cent.) as compared with the corresponding period of 1912.

Table showing Railway Goods and Mineral Traffic Receipts for 5 weeks ended Aug. 30th, 1913, and 35 weeks ended Aug. 30th, 1913, categorized by line (English, Scottish, Irish).

FOREIGN TRADE OF THE UNITED KINGDOM. Summary for August, 1913, and for the eight months ended August, 1913.

Imports.—During August, 1913, the total value of foreign and Colonial merchandise imported into the United Kingdom was £56,012,000, showing a decrease of 6.2 per cent. compared with August, 1912, but an increase of 10.8 per cent. compared with August, 1911.

For the eight months ended August, 1913, the total value of the imports was £496,492,000, showing increases of 5.2 per cent. and of 13.9 per cent. as compared with the corresponding periods of 1912 and of 1911, respectively.

Exports.—The total value of the exports of produce and manufactures of the United Kingdom in August, 1913, was £44,111,000, showing an increase of 0.8 per cent. as compared with August, 1912, and of 22.2 per cent. as compared with August, 1911.

For the eight months ended August, 1913, the exports of produce and manufactures of the United Kingdom amounted to £348,331,000, showing increases of 12.0 per cent., and of 18.3 per cent. as compared with the corresponding periods of 1912 and of 1911, respectively.

IMPORTS OF FOREIGN AND COLONIAL MERCHANDISE.

(NOTE.—The values of the Imports represent the cost, insurance, and freight, or when goods are consigned for sale, the latest sale value of such goods.)

Table showing Imports of Foreign and Colonial Merchandise for August 1913 and eight months ended Aug. 1913, categorized by type of goods.

EXPORTS OF PRODUCE AND MANUFACTURES OF THE UNITED KINGDOM.

(NOTE.—The values of the Exports represent the cost and the charges of delivering the goods on board the ship, and are known as "free on board" values.)

Table showing Exports of Produce and Manufactures of the United Kingdom for August 1913 and eight months ended Aug. 1913, categorized by type of goods.

\* Raw cotton, wool and other textile materials, wood and timber, metallic ores, oils and oil-seeds, hides and skins, &c.

† Yarns and textile fabrics, metal manufactures, leather and leather manufactures, chemicals, &c.

‡ Coal, wool, oil and oil-seeds, hides and skins, &c. § Yarns, textile fabrics and apparel, metal manufactures, machinery chemicals, &c.







PHOWRAHS (Running Contracts).—*J. Yates & Co.*, Aston Manor, Birmingham; *Whitehouse Bros.*, Cannock, Staffs.

PICKAXES (Running Contract).—*W. G. Birkinshaw & Co.*, Derry St., Wolverhampton.

PIPES.—*Stewarts & Lloyds*, Oswald St., Glasgow.

PLATES AND SPRINGS.—*W. Griffith & Sons*, Napier Works, Sheffield.

PRINTERS.—*Creed Bille & Co.*, Selsdon Rd., Croydon.

PROJECTORS.—*Siemens Bros.' Dynamo Works Co.*, Caxton House, Westminster.

PUGGRIS.—*L. Behrens & Sons*, Portland St., Manchester.

PUTTEES.—*T. & J. Tinker*, Thongsbridge, Huddersfield.

RAILS AND FISHPLATES.—*Workington Iron, & Co.*, Workington.

SERGE.—*T. & H. Harper*, Apperley Bridge, Bradford; *J. Casson*, Norton Mills, Elland.

SPRINGS.—*Turton Bros. & Matthews*, Sheffield; *Griffiths Bros.*, Sheffield; *Willford & Co.*, Sheffield.

TELEGRAPH APPARATUS.—*Elliott Bros.*, Lewisham.

TRAVELLERS.—*H. Morris, Ltd.*, Loughborough.

TYPE.—*Caslon & Co.*, 22, Chiswell St., E.C.

VARNISH.—*R. I. Clark & Co.*, West Ham Abbey, E.

WAGONS.—*Metropolitan Carriage, & Co.*, Saltley, Birmingham.

WHEELS AND AXLES.—*R. Y. Pickering & Co.*, Wishaw.

#### H.M. STATIONERY OFFICE.

CARDBOARDS OF VARIOUS DESCRIPTIONS.—*J. Dickinson & Co., Ltd.*, Hemel Hempstead; *J. Spicer & Sons, Ltd.*, Red Cross St., Southwark, S.E.

PAPER OF VARIOUS DESCRIPTIONS.—*A. Cowan & Sons, Ltd.*, Penicuik, N.B.; *R. Craig & Sons, Ltd.*, Andrie; *J. R. Crompton & Bros., Ltd.*, Bury; *Fisher & Co., Ltd.*, Tamworth; *Golden Valley Paper Mills*, Bitton, nr. Bristol; *C. T. Hook & Co., Ltd.*, Snodland, Kent; *Iford Paper Mills Co.*, Iford; *Northfleet Paper Mills, Ltd.*, Northfleet; *T. H. Saunders & Co., Ltd.*, High Wycombe.

PRINTING, BINDING, &c.—Binding, &c., 4,000 Copying Letter Book "D. 458," 6,000 Skeleton Guard Book, printing, binding, &c., 1,500 books England No. 1, 1,250 Army Book 194, *Drake, Driver & Leaver, Ltd.*, Rosebery Avenue, E.C. Printing, binding, &c., 1,000 Record of through, &c., Registered, &c., Packets, 1,000 Postmen's Attendance Books, 1,200 Army Book 38, 2,000 Army Book 94B, 2,000 Army Book 70, 4,000 Army Book 108, 3,500 Army Book 220, 1,000 Army Book 79, 5,000 Army Book 123, 2,500 books "England No. 4," 1,500 books "Casual relief," 10,000 "Revised Diaries C.I.D.," supplying 1,000 books T.S. 33, 1,000 books T.S. 20, *McCorquodale & Co., Ltd.*, Wolverton, Bucks. Printing, binding, &c., 10,000 Army Book 69, 3,000 Army Book 60, 1,000 Army Book 10, 2,000 Army Book 27, 1,500 Army Book 98, 2,000 Engineers' Pocketbook; 1,000 Telephone Message Books, printing, &c., 450,000 Regulations for Underground Workmen in Naked Light Mines, *J. Truscott & Son, Ltd.*, Tonbridge, and Suffolk Lane, Cannon St., E.C. Printing, &c., 550,000 Regulations for Underground Workmen in Safety Lamp Mines, *Hazell, Watson & Viney*, Kirby St., Hatton Garden, W.C. Printing, &c., 250,000 Regulations for Surface Workers, &c., *Charles & Dible*, Emerson St., Southwark, S.E. Binding, &c., 800 Books No. 145, 7,300 "D. 475B" Skeleton Guard Book, printing, binding, &c., 1,000 Postmen's Attendance Books, 10,000 Army Book 23, 10,000 Army Book 22A, 1,000 Army Book 96, 2,500 Army Book 148, supplying 6,000 Brown Millboards, 357 Army Book 166, 500 Covers for Army Book 155, *Waterlow & Sons, Ltd.*, Finsbury, E.C. Printing Plates for Torpedo Manual, Vol. I., *Weller & Graham, Ltd.*, 42, Denmark Hill, S.E. Binding, &c., 10,000 Army Book 39, *Watson & Co.*, Exchange St., Bolton. Binding, &c., 10,000 Instructions to Pension Officers, *M. Bell & Co.*, Cursitor St., E.C. Binding, &c., about 16,000 Naval Library Books, *J. Adams*, 76-78, Gray's Inn Rd., W.C. Printing, binding, &c., 2,000 Army Book 121, *Willmott & Sons, Ltd.*, 52-56, Bartholomew Close, E.C. Supplying 10,000 Recruiting Cards, *Harrison & Sons*, St. Martin's Lane, W.C., and Hayes.

STORES AND MISCELLANEOUS.—Copying Press Stands, *G. M. Hammer & Co., Ltd.*, Crown Works, Bermondsey, S.E. Cutting and Stamping Paper, &c., Scotland, *Harveys, Ltd.*, 13, 15, 17, Forth St., Edinburgh. Liquid Gum, *F. Mordan & Co.*, 326, City Rd., E.C. Sealing Wax, *G. Stewart & Co.*, Bowershall Wax Factory, Tennant St., Leith. Supplying Books for Seamen's Libraries, *Lawlor, Ltd.*, 18, Mosley St., Manchester. Supplying 130 rolls Binders' Cloth, *Winterbottom Book Cloth Co.*, 12, Newton St., Piccadilly, Manchester. Supplying 120 sets of sheets for Telegraph Address Book, *Charles & Dible*, Emerson St., Southwark, S.E.

#### POST OFFICE.

APPARATUS, TELEPHONIC.—*Automatic Telephone Manufacturing Co., Ltd.*, Liverpool; *British L.M. Ericsson Manufacturing Co., Ltd.*, Beeston, Notts; *London Electric Wire Co. & Smiths, Ltd.*, Leyton, E.; *Phoenix Telephone & Electric Works, Ltd.*, Cricklewood, N.W.; *Siemens Bros. & Co., Ltd.*, Woolwich.

CABLE, ELECTRIC LIGHT.—*Hooper's Telegraph & India Rubber Works, Ltd.*, Millwall Docks, E.

CABLE, TELEPHONIC.—*Callenders Cable & Construction Co., Ltd.*, Belvedere, Kent; *Connolly Bros., Ltd.*, Blackley, Manchester; *W. T. Henley's Telegraph Works Co., Ltd.*, North Woolwich, E.; *Siemens Bros. & Co., Ltd.*, Woolwich, S.E.; *Western Electric Co., Ltd.*, North Woolwich, E.

CARRIERS, CYCLE.—*Middlemore & Lamplugh, Ltd.*, Coventry.

CHAINS, CYCLE.—*Hans Renold, Ltd.*, Didsbury, Lancs.

DUCTS, STONWARE.—*Albion Clay Co., Ltd.*, Woodville, Derbyshire.

IRONWORK, TELEGRAPHIC.—*Bullers, Ltd.*, Tipton, Staffs.

LAMPS, CYCLE.—*Miller, H., & Co., Ltd.*, Birmingham.

LININGS, TRIMMINGS, &c., FOR UNIFORM CLOTHING.—*Baxter Bros. & Co., Ltd.*, Dundee; *Buttons, Ltd.*, Portland St., Birmingham; *Cooke, J., & Co.*, 32, Hilton St., Manchester; *Fox Bros. & Co., Ltd.*, Wellington, Somerset; *Greenhow, J. H., & Co., Ltd.*, 46, Princess St., Manchester; *Houle, J., & Sons, Ltd.*, 50, Piccadilly, Manchester; *Longson, J. E.*, 1, Booth St., Manchester; *Marriott, H., & Co.*, 45, Chorlton St., Manchester; *Parkyn, J., & Co.*, 70, Mosley St., Manchester; *Richards, Ltd.*, Aberdeen; *Ritchie & Eason*, 26, Dickinson St., Manchester; *Rothwell, W. A.*, Walkden, Manchester; *Taylor, F., & Sons*, 17, Bloom St., Manchester; *Ulster Weaving Company*, Linfield, Belfast; *Whitworth & Co., Ltd.*, Luddendenfoot, Yorks; *Woods, Sons & Co.*, Queen St., Cheapside, E.C.

PLUGS, CABLE DISTRIBUTION.—*Siemens Bros. & Co., Ltd.*, Woolwich, S.E.

SADDLES, CYCLE.—*Middlemore & Lamplugh, Ltd.*, Coventry.

SCANTLINGS.—*Millar's Timber & Trading Co., Ltd.*, Purfleet.

SOLDER.—*British Insulated & Helsby Cables, Ltd.*, Prescott.

STRING.—*Lyons, I. N., Ltd.*, 51, St. Mary Axe, E.C.; *Wright, J. & E., Ltd.*, Birmingham.

WIRE, GALVANISED IRON.—*Johnson & Nephew, Ltd.*, Manchester; *Shropshire Iron Co., Ltd.*, Hadley, Salop.

ZINCS, ROD.—*Eyre Smelting Co., Ltd.*, Tonbridge; *Siemens Bros. & Co., Ltd.*, Woolwich, S.E.

MOTOR MAIL SERVICES in Manchester.—*J. Blake & Co.*, Liverpool.

MOTOR VAN SERVICES in Portsmouth.—*The Southsea Carriage Co., Ltd.*, Portsmouth.

ELECTRIC PASSENGER LIFT, Dublin G.P.O.—*A. & P. Steven*, 181, St. James Rd., Glasgow.

LAYING LINES OF PIPES, Leicester.—*Greig & Matthews*, 46, Queen Victoria St., E.C.

LAYING LINES OF PIPES, Chorlton-cum-Hardy.—*W. Pollitt & Co., Ltd.*, Pool St., St. George's Rd., Bolton.

LAYING LINES OF PIPES, Cambridge.—*Greig & Matthews*, 46, Queen Victoria St., E.C.

LAYING LINES OF PIPES AND MULTIPLE-WAY DUCTS, Urmston.—*W. Pollitt & Co., Ltd.*, Pool St., St. George's Rd., Bolton.

TELEPHONE EXCHANGE EQUIPMENT, Manchester. City Exchange.—*The Western Electric Company, Ltd.*, North Woolwich, E.

TELEPHONE EXCHANGE EQUIPMENT, Birmingham, Victoria Exchange.—*The Western Electric Co., Ltd.*, North Woolwich, E.

TELEPHONE EXCHANGE EQUIPMENT, Smethwick P.O.—*The British L.M. Ericsson Manuf. Co., Ltd.*, 5, Chancery Lane, W.C.

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