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## CONTENTS

SUMMARY OF THE MONTHLY STATISTICS . . . . .	This page	<i>Special Articles—continued</i>	<i>Page</i>
<i>Special Articles</i>	<i>Page</i>	International Labour Organisation: Tripartite Technical Meeting for the Clothing Industry; International Comparison of Days lost through Industrial Disputes . . . . .	419
Occupational Earnings in Engineering, Shipbuilding, Chemical Manufacture and Iron and Steel Manufacture, June 1964 . . . . .	404	EMPLOYMENT, UNEMPLOYMENT, ACCIDENTS, ETC. . . . .	421
Numbers Employed by Local Authorities and in Police Forces . . . . .	416	INDEX OF AVERAGE EARNINGS . . . . .	433
Development and Growth in Scotland . . . . .	417	WAGES AND HOURS OF WORK . . . . .	434
Digest of Welsh Statistics . . . . .	417	INDEX OF RETAIL PRICES . . . . .	442
Trades Union Congress . . . . .	417	STOPPAGES OF WORK—INDUSTRIAL DISPUTES . . . . .	443
Earnings of Manual Workers in London Transport Board . . . . .	418	ARBITRATION AWARDS, NOTICES, ORDERS, ETC. . . . .	444
Industrial Training Service . . . . .	418		
Safety, Health and Welfare: Precautions in the use of Nitrate Salt Baths . . . . .	418		

## Summary of the Monthly Statistics

Full details on  
pages

### Employment

The estimated total number in civil employment in Great Britain in mid-August was 24,397,000. This was 97,000 more than in July. There were increases in manufacturing industries, the distributive trades, and construction. 421-424

### Unemployment

There were 335,400 persons registered as wholly unemployed in Great Britain on 14th September and 6,300 registered as temporarily stopped from work; a total of 341,700 (1.5 per cent. of all employees). Between 10th August and 14th September unemployment fell by 27,000. The main decrease was in the number of school-leavers registered as unemployed following the end of school term. The number unemployed for more than eight weeks was 176,000—52 per cent. of the wholly unemployed. Excluding school-leavers the numbers wholly unemployed rose by 400; the normal monthly seasonal increase is about 11,000. 425-427

### Unfilled Vacancies

There were 335,000 unfilled vacancies on 9th September, 23,000 less than on 5th August. 428

### Overtime and Short-time

In the week ended 15th August the estimated number of operatives working overtime in the manufacturing industries was 1,739,000 and the estimated number on short-time was 13,000. 423

### Rates of Wages

The indices of weekly rates of wages and of hourly rates of wages at 30th September (January 1956 = 100) were, respectively, 141.6 and 149.7, compared with 141.3 (revised figure) and 149.3 at 31st August. 434

### Retail Prices

The retail prices index at 15th September (January 1962 = 100) was 107.8, the same figure as at 18th August. The index for the food group was 108.1, compared with 108.7 the previous month. 442

### Stoppages of Work

About 62,400 workers were involved in September in stoppages of work due to industrial disputes: they lost about 149,000 working days. 443



## OCCUPATIONAL EARNINGS IN ENGINEERING, SHIPBUILDING, CHEMICAL MANUFACTURE AND IRON AND STEEL MANUFACTURE, JUNE 1964

In January 1963 the Ministry of Labour instituted a new series of enquiries into the earnings and hours of adult male manual workers, analysed by occupation. The enquiries are carried out twice each year under the Statistics of Trade Act 1947. The results of the January 1964 enquiry, relating to engineering industries, shipbuilding and ship repairing, chemical manufacture and iron and steel manufacture, were published in the May 1964 issue of this GAZETTE (pages 184 to 194).

This article summarises the results of the fourth enquiry carried out in June 1964. A pilot enquiry was also conducted in the construction industries. The results are now being considered and will be the subject of an article in a subsequent issue of this GAZETTE.

### Coverage of industries included

Enquiry forms were sent to about 2,700 employers in Great Britain with 25 or more employees engaged in the following industries: mechanical engineering (Minimum List Headings 331 to 349 of the Standard Industrial Classification); electrical engineering (M.L.Hs. 361 and 363 to 369); marine engineering (M.L.H. 370.2); vehicle manufacture (M.L.Hs. 381 to 385); certain other metal goods industries (M.L.Hs. 391, 393 and 399); shipbuilding and ship repairing (M.L.H. 370.1); chemical manufacture (M.L.Hs. 271, 272 and 276); and iron and steel manufacture (M.L.Hs. 311 and 312). Enquiry forms were sent to all firms with 500 or more employees, to a 50 per cent. sample of those with between 100 and 499 employees and to a 10 per cent. sample of those with between 25 and 99 employees.

Of the 2,700 enquiry forms sent out, nearly 2,400 were returned suitable for tabulation, analysed as follows:—

	Number of returns received suitable for tabulation	Number of men covered by returns tabulated
Firms with 500 or more employees ..	679	739,053
Firms with 100-499 employees ..	929	136,407
Firms with 25-99 employees ..	304	11,514
<b>Shipbuilding:</b>		
Firms with 500 or more employees ..	50	51,239
Firms with 100-499 employees ..	34	6,576
Firms with 25-99 employees ..	9	346
<b>Chemical manufacture:</b>		
Firms with 500 or more employees ..	61	36,876
Firms with 100-499 employees ..	116	14,129
Firms with 25-99 employees ..	27	911
<b>Iron and steel manufacture:</b>		
Firms with 500 or more employees ..	105	149,537
Firms with 100-499 employees ..	67	16,032
Firms with 25-99 employees ..	9	944

The results of the enquiry, after adjustment for sampling fractions, cover about 1,127,000 adult male manual workers in the engineering industries, 68,000 in shipbuilding, 74,000 in chemical manufacture and 191,000 in iron and steel manufacture, who were at work during the whole or part of the pay-week which included 17th June 1964 (3rd June for iron and steel). The enquiry did not, however, cover all adult male manual workers in these industries, e.g., it did not include transport workers, storemen, warehousemen or canteen workers.

Where an establishment was stopped for the whole or part of the specified pay-week, particulars of the nearest week of an ordinary character were substituted. Occupations in respect of which information was sought varied between industry and industry in order to make the results as significant as possible. In all cases timeworkers were distinguished from workers paid by results except that in shipbuilding information about individual occupations was collected for payment-by-result workers only. Information about timeworkers in this industry was, however, obtained in summary form (see Table 1(b)). Employers were asked to state against each occupational heading the number of men at work in the specified pay-week; the number of hours worked, including overtime; the number of overtime hours; and total earnings. Employers in engineering, shipbuilding and iron and steel manufacture gave information about the amount of overtime premium included in total earnings; employers in chemical manufacture gave information about the amount of overtime

earnings. Information concerning the number of men who worked overtime was supplied by employers in shipbuilding.

### Changes in earnings: January-June 1964

For each of the industries included in the enquiry it is possible to study the changes in average earnings between January and June 1964. Too much weight must not be attached to movements for individual occupations in a particular industry group since each enquiry related only to a specified pay-week in the month concerned, and the enquiries did not relate to matched samples.

The following table relates to all establishments in all the engineering industries covered. Separate figures are given for skilled and semi-skilled men and for labourers, details for timeworkers and payment-by-result workers being shown separately. In the June 1964 enquiry timeworkers numbered 578,454 in all, made up of 269,913 skilled men, 231,834 semi-skilled and 76,707 labourers; payment-by-result workers totalled 548,553 of whom 259,737 were skilled, 267,228 were semi-skilled and 21,588 were labourers.

#### All Establishments: All Engineering Industries Covered

	January 1964	June 1964	Change January—June 1964	
			Absolute	%
<b>Average weekly earnings including overtime premium:</b>				
Timeworkers .. .. .	s. d.	s. d.	s. d.	
Skilled .. .. .	389 10	403 4	+13 6	+ 3.5
Semi-skilled .. .. .	345 8	362 9	+17 1	+ 4.9
Labourers .. .. .	280 0	291 4	+11 4	+ 4.1
All timeworkers .. .. .	357 9	372 2	+14 5	+ 4.0
<b>Payment-by-result workers</b>				
Skilled .. .. .	401 8*	417 2	+15 6	+ 3.9
Semi-skilled .. .. .	372 0*	386 7	+14 7	+ 3.9
Labourers .. .. .	297 3	304 3	+ 7 0	+ 2.4
All payment-by-result workers	383 5*	397 10	+14 5	+ 3.8
All skilled workers .. .. .	395 8*	410 1	+14 5	+ 3.6
All semi-skilled workers .. .. .	359 8*	375 6	+15 10	+ 4.4
All labourers .. .. .	283 9	294 2	+10 5	+ 3.7
All workers covered .. .. .	370 3*	384 8	+14 5	+ 3.9
<b>Average hourly earnings excluding overtime premium:</b>				
Timeworkers .. .. .	d.	d.	d.	
Skilled .. .. .	95.7	97.4	+ 1.7	+ 2.5
Semi-skilled .. .. .	81.9	84.0	+ 2.1	+ 2.6
Labourers .. .. .	65.6	66.3	+ 0.7	+ 1.0
All timeworkers .. .. .	85.2	87.0	+ 1.8	+ 2.1
<b>Payment-by-result workers</b>				
Skilled .. .. .	102.6*	105.3	+ 2.7	+ 2.6
Semi-skilled .. .. .	95.6*	98.1	+ 2.5	+ 2.6
Labourers .. .. .	70.9	71.4	+ 0.5	+ 0.6
All payment-by-result workers	98.0*	100.4	+ 2.4	+ 2.5
All skilled workers .. .. .	97.8*	100.3	+ 2.5	+ 2.6
All semi-skilled workers .. .. .	89.0*	91.4	+ 2.4	+ 2.7
All labourers .. .. .	66.7	67.4	+ 0.7	+ 0.9
All workers covered .. .. .	91.1*	93.4	+ 2.3	+ 2.5

\* Amended figures

During the period under review there have been no changes in nationally negotiated rates of wages in the engineering and allied industries. Average weekly earnings, including overtime premium, rose for each of the 12 categories of workers shown separately in the above table, the increases ranging from 7s. for payment-by-result labourers to 17s. 1d. for semi-skilled timeworkers. Average hourly earnings, excluding overtime premium, rose for all the 12 categories of workers, the absolute increases ranging from 0.5d. to 2.7d., and the percentage increases varying between 0.6 and 2.7.

Hours worked by all workers in engineering covered by the returns received averaged 46.3 per week in January 1964 as against 46.0 in June 1963. This upward movement has continued and for the June 1964 enquiry the corresponding figure was 46.8.

The first table on the next page gives similar information for all establishments in the shipbuilding and ship repairing industry. In the June 1964 enquiry timeworkers numbered 15,648 in all, comprising 7,097 skilled men, 3,259 semi-skilled and 5,292 labourers; payment-by-result workers totalled 52,203 of whom 35,944 were skilled, 10,312 were semi-skilled and 5,947 were labourers.

No changes in rates of pay were negotiated nationally for the shipbuilding and ship repairing industry (other than Admiralty dockyards) during the period under review.

### All Establishments: Shipbuilding and Ship Repairing

	January 1964	June 1964	Change January—June 1964	
			Absolute	%
<b>Average weekly earnings including overtime premium:</b>				
Timeworkers .. .. .	s. d.	s. d.	s. d.	
Skilled .. .. .	339 5	368 3	+28 10	+ 8.5
Semi-skilled .. .. .	278 9	284 10	+ 6 1	+ 2.2
Labourers .. .. .	266 3	264 5	- 1 10	- 0.7
All timeworkers .. .. .	303 4	315 9	+12 5	+ 4.1
<b>Payment-by-result workers</b>				
Skilled .. .. .	367 5	376 2	+ 8 9	+ 2.4
Semi-skilled .. .. .	293 7	302 0	+ 8 5	+ 2.9
Labourers .. .. .	314 2	300 1	-14 1	- 4.5
All payment-by-result workers	346 3	352 10	+ 6 7	+ 1.9
All skilled workers .. .. .	362 4	374 10	+12 6	+ 3.5
All semi-skilled workers .. .. .	289 11	297 11	+ 8 0	+ 2.8
All labourers .. .. .	292 1	283 4	- 8 9	- 3.0
All workers covered .. .. .	335 10	344 3	+ 8 5	+ 2.5
<b>Average hourly earnings excluding overtime premium:</b>				
Timeworkers .. .. .	d.	d.	d.	
Skilled .. .. .	78.9	80.7	+ 1.8	+ 2.3
Semi-skilled .. .. .	64.5	64.2	- 0.3	- 0.5
Labourers .. .. .	59.1	58.5	- 0.6	- 1.0
All timeworkers .. .. .	69.4	69.8	+ 0.4	+ 0.6
<b>Payment-by-result workers</b>				
Skilled .. .. .	92.1	93.4	+ 1.3	+ 1.4
Semi-skilled .. .. .	69.6	70.3	+ 0.7	+ 1.0
Labourers .. .. .	68.9	68.0	- 0.9	- 1.3
All payment-by-result workers	84.5	85.7	+ 1.2	+ 1.4
All skilled workers .. .. .	89.7	91.2	+ 1.5	+ 1.7
All semi-skilled workers .. .. .	68.3	68.8	+ 0.5	+ 0.7
All labourers .. .. .	64.4	63.5	- 0.9	- 1.4
All workers covered .. .. .	80.7	81.9	+ 1.2	+ 1.5

Average weekly earnings, including overtime premium, rose for nine of the 12 categories of workers shown separately in the above table, the increases ranging from 6s. 1d. for semi-skilled timeworkers to 28s. 10d. for skilled timeworkers. Average hourly earnings, excluding overtime premium, rose for eight of the 12 categories of workers, the absolute increases ranging from 0.4d. to 1.8d., and the percentage increases varying between 0.6 and 2.3.

Average weekly hours worked by all workers in shipbuilding covered by the returns received were 46.6 in June 1964 or slightly above the corresponding figure of 46.3 for January 1964.

Information for all establishments in chemical manufacture is given in the table below. In the June 1964 enquiry timeworkers numbered 43,718 in all, consisting of 34,105 general workers and 9,613 craftsmen; payment-by-result workers totalled 30,526 of whom 23,874 were general workers and 6,652 craftsmen.

#### All Establishments: Chemical Manufacture

	January 1964	June 1964	Change January—June 1964	
			Absolute	%
<b>Average weekly earnings including overtime premium:</b>				
Timeworkers .. .. .	s. d.	s. d.	s. d.	
General workers .. .. .	339 0	362 10	+23 10	+ 7.0
Craftsmen .. .. .	376 1	403 11	+27 10	+ 7.4
All timeworkers .. .. .	347 6	371 10	+24 4	+ 7.0
<b>Payment-by-result workers</b>				
General workers .. .. .	355 6	380 1	+24 7	+ 6.9
Craftsmen .. .. .	399 9	431 8	+31 11	+ 8.0
All payment-by-result workers	365 5	391 4	+25 11	+ 7.1
All general workers .. .. .	345 9	369 11	+24 2	+ 7.0
All craftsmen .. .. .	385 8	415 3	+29 7	+ 7.7
All workers covered .. .. .	354 11	379 10	+24 11	+ 7.0
<b>Average hourly earnings excluding overtime premium:</b>				
Timeworkers .. .. .	d.	d.	d.	
General workers .. .. .	79.6	84.1	+ 4.5	+ 5.7
Craftsmen .. .. .	90.3	95.4	+ 5.1	+ 5.7
All timeworkers .. .. .	81.9	86.6	+ 4.7	+ 5.7
<b>Payment-by-result workers</b>				
General workers .. .. .	92.0	96.3	+ 4.3	+ 4.7
Craftsmen .. .. .	102.7	109.5	+ 6.8	+ 6.6
All payment-by-result workers	94.5	99.1	+ 4.6	+ 4.9
All general workers .. .. .	84.6	89.2	+ 4.6	+ 5.4
All craftsmen .. .. .	95.4	101.2	+ 5.8	+ 6.1
All workers covered .. .. .	87.1	91.7	+ 4.6	+ 5.3

Increases in minimum wage rates of the order of 3d. to 4d. an hour for adult male workers in the chemical industries covered by the enquiry came into effect just before the period under review. Average weekly earnings, including overtime premium, rose for all the nine categories of workers shown separately in the above table, the increases ranging from 23s. 10d. for general workers on timework to 31s. 11d. for payment-by-result craftsmen. Average hourly earnings, excluding overtime premium, rose for all the nine categories of workers, the absolute increases ranging from 4.3d. to 6.8d., and the percentage increases varying between 4.7 and 6.6.

Average weekly hours worked by all workers in the chemical industries covered by the returns received were 47.5 in June 1964 compared with 47.0 in January 1964.

A similar comparison relating to the iron and steel manufacturing industry is given for the first time in the table in the next column. In the June 1964 enquiry, timeworkers numbered 41,341, made up of 11,239 process workers, 7,610

skilled maintenance workers, 3,795 semi-skilled maintenance workers, 8,863 service workers and 9,834 labourers; payment-by-result workers totalled 149,700 of whom 89,350 were process workers, 19,966 skilled maintenance workers, 14,350 semi-skilled maintenance workers, 13,740 service workers and 12,294 labourers.

#### All Establishments: Iron and Steel Manufacture

	January 1964	June 1964	Change January—June 1964	
			Absolute	%
<b>Average weekly earnings including overtime premium:</b>				
Timeworkers .. .. .	s. d.	s. d.	s. d.	
Process workers .. .. .	352 8	368 3	+15 7	+ 4.4
Maintenance workers (skilled)	399 1	415 5	+16 4	+ 4.1
Maintenance workers (semi-skilled)	340 11	349 1	+ 8 2	+ 2.4
Service workers .. .. .	334 4	339 1	+ 4 9	+ 1.4
Labourers .. .. .	295 7	304 9	+ 9 2	+ 3.1
All timeworkers .. .. .	339 9	353 10	+14 1	+ 4.2
<b>Payment-by-result workers</b>				
Process workers .. .. .	398 9	409 5	+10 8	+ 2.7
Maintenance workers (skilled)	428 10	446 6	+17 8	+ 4.1
Maintenance workers (semi-skilled)	380 1	391 5	+11 4	+ 3.0
Service workers .. .. .	359 8	370 9	+11 1	+ 3.1
Labourers .. .. .	317 0	326 1	+ 9 1	+ 2.9
All payment-by-result workers	390 10	402 3	+11 5	+ 2.9
All process workers .. .. .	393 2	404 10	+11 8	+ 3.0
All maintenance workers (skilled)	422 8	437 11	+15 3	+ 3.6
All maintenance workers (semi-skilled)	372 3	382 7	+10 4	+ 2.8
All service workers .. .. .	350 3	358 4	+ 8 1	+ 2.3
All labourers .. .. .	307 1	316 7	+ 9 6	+ 3.1
All workers covered .. .. .	380 0	391 9	+11 9	+ 3.1
<b>Average hourly earnings excluding overtime premium:</b>				
Timeworkers .. .. .	d.	d.	d.	
Process workers .. .. .	84.8	86.5	+ 1.7	+ 2.0
Maintenance workers (skilled)	90.6	94.5	+ 3.9	+ 4.3
Maintenance workers (semi-skilled)	79.0	80.0	+ 1.0	+ 1.3
Service workers .. .. .	79.2	79.7	+ 0.5	+ 0.6
Labourers .. .. .	68.4	69.4	+ 1.0	+ 1.5
All timeworkers .. .. .	79.7	81.8	+ 2.1	+ 2.6
<b>Payment-by-result workers</b>				
Process workers .. .. .	101.7	103.7	+ 2.0	+ 2.0
Maintenance workers (skilled)	106.0	109.9	+ 3.9	+ 3.7
Maintenance workers (semi-skilled)	93.1	95.9	+ 2.8	+ 3.0
Service workers .. .. .	88.9	91.0	+ 2.1	+ 2.4
Labourers .. .. .	75.0	76.1	+ 1.1	+ 1.5
All payment-by-result workers	98.0	100.3	+ 2.3	+ 2.4
All process workers .. .. .	99.6	101.7	+ 2.1	+ 2.1
All maintenance workers (skilled)	102.6	105.5	+ 2.9	+ 2.8
All maintenance workers (semi-skilled)	90.2	92.5	+ 2.3	+ 2.6
All service workers .. .. .	85.3	86.5	+ 1.2	+ 1.4
All labourers .. .. .	71.9	73.1	+ 1.2	+ 1.7
All workers covered .. .. .	93.9	96.1	+ 2.2	+ 2.3

There was no increase in the minimum basic rates during the period under review, but there were increases in the fluctuating flat rate addition of the order of 2s. to 3s. 6d. per week according to district. Average weekly earnings, including overtime premium, rose for all of the 18 categories of workers shown separately in the table, the increases ranging from 4s. 9d. for service workers on timework to 17s. 8d. for skilled maintenance workers on payment-by-result work. Average hourly earnings, excluding overtime premium, rose for each of the 18 categories of workers, the absolute increases ranging from 0.5d. to 3.9d., and the percentage increases varying between 0.6 and 4.3.

Hours worked by all workers in iron and steel manufacturing establishments covered by the returns received averaged 46.4 in June 1964 as against 46.1 in January 1964.

### Definitions

Descriptions of the terms used in the original earnings-by-occupation enquiry were given in the article in the May 1963 issue of this GAZETTE. These covered weekly earnings and hours worked, overtime premium, timeworkers and payment-by-result workers and skilled, semi-skilled and unskilled workers. It should be pointed out in this connection that the figures of average weekly earnings, excluding overtime premium, relate to actual hours worked and not to normal weekly hours of work.

The definitions already given referred to the engineering industries but they also apply to shipbuilding, chemical manufacture and iron and steel manufacture with the following additional points:—

1. In shipbuilding (a) weekly hours include overtime and/or Sunday hours, and Sunday allowances over and above normal payments for Sunday hours are included in overtime premium; (b) contract and lieu workers are included under "payment-by-result".

2. In chemical manufacture (a) craftsmen's labourers are included among general labourers; (b) overtime premium has been calculated by the Ministry from the information supplied by employers.

3. In iron and steel manufacture (a) lieu workers are included under "payment-by-result"; (b) service workers include all adult male manual workers other than process and maintenance workers, excluding labourers.

The Index of Earnings is given as Table 6 on page 415.



TABLE 1.—SUMMARY FOR GREAT BRITAIN

	Average weekly earnings		Average hours actually worked including overtime	Average hours of overtime worked	Average hourly earnings	
	including overtime premium	excluding overtime premium			including overtime premium	excluding overtime premium
<b>(a) ALL ENGINEERING INDUSTRIES COVERED*</b>						
Timeworkers†	s. d.	s. d.			d.	d.
Skilled ..	403 4	378 6	47.4	6.7	102.0	95.7
Semi-skilled ..	362 9	336 10	48.1	7.8	90.5	84.0
Labourers ..	291 4	269 3	48.8	8.0	71.7	66.3
P-B-R workers						
Skilled ..	417 2	401 3	45.7	5.0	109.5	105.3
Semi-skilled ..	386 7	372 3	45.5	5.0	101.9	98.1
Labourers ..	304 3	285 5	48.0	7.4	76.1	71.4
<b>SUMMARY FOR PARTICULAR ENGINEERING INDUSTRY GROUPS INCLUDED ABOVE*</b>						
<b>(i) Mechanical engineering</b>						
Timeworkers†						
Skilled ..	384 4	359 3	48.0	7.1	96.0	89.7
Semi-skilled ..	325 0	300 7	49.0	8.3	79.5	73.6
Labourers ..	280 9	259 1	49.1	8.1	68.6	63.3
P-B-R workers						
Skilled ..	403 9	385 6	46.6	5.7	104.0	99.3
Semi-skilled ..	359 3	341 8	47.1	6.1	91.6	87.1
Labourers ..	292 11	273 10	48.1	7.4	73.1	68.3
<b>(ii) Electrical engineering</b>						
Timeworkers†						
Skilled ..	385 10	363 10	46.8	6.0	98.9	93.2
Semi-skilled ..	318 1	298 0	47.6	6.9	80.2	75.1
Labourers ..	277 4	258 4	47.6	7.3	69.9	65.1
P-B-R workers						
Skilled ..	399 5	384 11	45.3	4.6	105.9	102.0
Semi-skilled ..	354 5	339 10	45.5	5.0	93.4	89.6
Labourers ..	311 1	293 3	47.3	7.2	78.8	74.3
<b>(iii) Motor vehicle manufacturing</b>						
Timeworkers†						
Skilled ..	471 5	444 3	46.7	6.6	121.1	114.2
Semi-skilled ..	432 10	401 6	47.4	7.8	109.6	101.7
Labourers ..	335 9	314 0	47.8	7.6	84.3	78.8
P-B-R workers						
Skilled ..	466 7	456 7	44.0	3.5	127.2	124.5
Semi-skilled ..	452 4	443 5	43.1	3.3	125.9	123.4
Labourers ..	333 1	317 3	47.7	6.6	83.8	79.8
<b>(iv) Aircraft manufacturing and repairing</b>						
Timeworkers†						
Skilled ..	424 4	404 10	45.9	5.5	110.9	105.8
Semi-skilled ..	341 0	321 0	48.0	7.3	85.3	80.3
Labourers ..	297 0	276 1	48.8	8.0	73.0	67.9
P-B-R workers						
Skilled ..	427 10	411 4	45.6	5.0	112.5	108.2
Semi-skilled ..	358 0	341 4	46.8	5.8	91.8	87.5
Labourers ..	303 1	279 10	49.0	8.3	74.2	68.5
<b>(b) SHIPBUILDING AND SHIP REPAIRING*</b>						
Timeworkers						
Skilled ..	368 3	331 2	49.2	8.6	89.7	80.7
Semi-skilled ..	284 10	259 0	48.4	8.0	70.6	64.2
Labourers ..	264 5	238 4	48.9	7.9	64.9	58.5
P-B-R workers†						
Skilled ..	376 2	351 9	45.2	5.4	99.9	93.4
Semi-skilled ..	302 0	277 4	47.3	7.3	76.6	70.3
Labourers ..	300 1	268 4	47.3	8.2	76.1	68.0
<b>(c) CHEMICAL MANUFACTURE*</b>						
Timeworkers†						
General workers ..	362 10	342 1	48.8	8.1	89.2	84.1
Craftsmen ..	403 11	378 3	47.6	7.3	101.7	95.4
P-B-R workers						
General workers ..	380 1	369 11	46.1	4.8	98.9	96.3
Craftsmen ..	431 8	415 1	45.5	4.5	113.9	109.5
<b>(d) IRON AND STEEL MANUFACTURE*</b>						
Timeworkers						
Process workers§ ..	368 3	344 3	47.8	6.5	92.5	86.5
Maintenance workers (skilled)§	415 5	381 0	48.4	7.9	103.1	94.5
Maintenance workers (semi-skilled)§	349 1	321 9	48.3	8.0	86.7	80.0
Service workers§ ..	339 1	316 2	47.6	7.2	85.4	79.7
Labourers ..	304 9	278 6	48.2	7.9	75.9	69.4
P-B-R workers†						
Process workers§ ..	409 5	394 0	45.6	4.6	107.7	103.7
Maintenance workers (skilled)§	446 6	421 7	46.0	5.5	116.4	109.9
Maintenance workers (semi-skilled)§	391 5	369 9	46.2	5.2	101.6	95.9
Service workers§ ..	370 9	352 1	46.4	5.6	95.8	91.0
Labourers ..	326 1	300 6	47.4	7.2	82.5	76.1

\* Comprising Minimum List Headings in the Standard Industrial Classification as follows—  
All engineering industries covered: 331-349; 361; 363-369; 370-2; 381-385; 391; 393; 399.

Mechanical engineering: 331-349.  
Electrical engineering: 361; 363-369.  
Motor vehicle manufacturing: 381-382.  
Aircraft manufacturing and repairing: 383.  
Shipbuilding and ship repairing: 370-1.  
Chemical manufacture: 271-272; 276.  
Iron and steel manufacture: 311-312.

† Includes lieu workers.  
‡ Includes pieceworkers, contract workers and lieu workers.  
§ Excludes labourers.

TABLE 2(a).—REGIONAL ANALYSIS—ALL ENGINEERING INDUSTRIES COVERED\*

	Average weekly earnings		Average hours actually worked including overtime	Average hours of overtime worked	Average hourly earnings	
	including overtime premium	excluding overtime premium			including overtime premium	excluding overtime premium
<b>London and South Eastern</b>						
Timeworkers†	s. d.	s. d.			d.	d.
Skilled ..	401 1	375 7	47.1	6.6	102.3	95.7
Semi-skilled ..	392 2	371 3	47.5	8.1	99.1	91.5
Labourers ..	301 8	279 2	48.5	7.9	74.6	69.1
P-B-R workers						
Skilled ..	429 10	415 2	45.5	4.7	113.3	109.5
Semi-skilled ..	361 4	347 5	45.5	5.0	95.3	91.7
Labourers ..	301 6	285 7	45.7	5.9	79.2	75.0
<b>Eastern and Southern</b>						
Timeworkers†						
Skilled ..	420 0	394 4	47.8	7.0	105.5	99.0
Semi-skilled ..	406 8	374 3	48.7	8.3	100.3	92.3
Labourers ..	325 3	300 11	48.3	7.9	80.8	74.8
P-B-R workers						
Skilled ..	409 7	391 11	46.7	5.7	105.2	100.7
Semi-skilled ..	441 0	428 11	45.0	4.7	117.7	114.5
Labourers ..	321 7	303 5	48.4	7.7	79.7	75.2
<b>South Western</b>						
Timeworkers†						
Skilled ..	396 3	372 9	46.5	5.9	102.3	96.2
Semi-skilled ..	333 3	312 2	47.8	7.1	83.7	78.4
Labourers ..	269 10	251 7	47.1	6.8	68.7	64.1
P-B-R workers						
Skilled ..	408 1	388 3	46.3	5.7	105.7	100.6
Semi-skilled ..	369 0	354 5	44.2	4.5	100.3	96.3
Labourers ..	302 11	278 3	48.4	7.5	75.1	69.0
<b>Midlands</b>						
Timeworkers†						
Skilled ..	424 0	403 1	46.9	6.2	108.4	103.1
Semi-skilled ..	349 10	328 7	48.4	7.6	86.8	81.5
Labourers ..	294 2	273 11	49.0	8.2	72.1	67.1
P-B-R workers						
Skilled ..	450 5	438 4	44.5	3.9	121.5	118.3
Semi-skilled ..	416 6	404 11	44.6	4.3	112.1	109.0
Labourers ..	332 9	315 10	47.5	7.2	84.1	79.8
<b>Yorkshire and Lincolnshire</b>						
Timeworkers†						
Skilled ..	364 9	338 4	48.3	7.8	90.6	84.1
Semi-skilled ..	312 7	288 6	49.0	8.5	76.6	70.7
Labourers ..	269 7	248 9	48.9	8.0	66.2	61.1
P-B-R workers						
Skilled ..	386 4	369 6	46.6	5.8	99.5	95.1
Semi-skilled ..	354 6	338 6	47.0	6.0	90.5	86.4
Labourers ..	282 1	265 6	47.7	7.3	71.0	66.8
<b>North Western</b>						
Timeworkers†						
Skilled ..	382 0	357 7	47.8	6.9	95.9	89.7
Semi-skilled ..	333 6	312 2	47.6	7.3	84.1	78.7
Labourers ..	269 9	250 1	48.6	7.7	66.6	61.8
P-B-R workers						
Skilled ..	386 9	370 1	46.4	5.4	100.1	95.8
Semi-skilled ..	338 1	321 4	46.5	5.8	87.2	82.9
Labourers ..	282 3	266 5	48.0	6.8	70.6	66.6
<b>Northern</b>						
Timeworkers†						
Skilled ..	395 2	363 7	49.2	8.6	96.5	88.8
Semi-skilled ..	318 0	290 1	49.6	8.9	76.9	70.2
Labourers ..	289 1	261 6	50.5	9.7	68.7	62.1
P-B-R workers						
Skilled ..	406 6	384 9	46.9	6.0	104.0	98.4
Semi-skilled ..	349 6	328 3	47.6	6.9	88.1	82.8
Labourers ..	298 10	272 7	49.2	8.5	72.9	66.5
<b>Scotland</b>						
Timeworkers†						
Skilled ..	382 2	352 6	48.2	7.4	95.1	87.8
Semi-skilled ..	333 11	314 4	46.7	5.8	85.9	80.8
Labourers ..	291 0	266 2	48.9	7.8	71.4	65.3
P-B-R workers						
Skilled ..	400 8	380 0	46.1	5.5	104.4	99.0
Semi-skilled ..	361 2	341 3	46.7	5.7	92.8	87.6
Labourers ..	294 1	269 8	49.2	8.5	71.7	65.7
<b>Wales</b>						
Timeworkers†						
Skilled ..	403 9	368 3	48.4	7.2	100.0	91.2
Semi-skilled ..	360 6	325 5	52.1	11.0	83.0	74.9
Labourers ..	287 11	257 4	49.2	7.7	70.1	62.7
P-B-R workers						
Skilled ..	400 3	380 0	45.7	5.3	105.0	99.7
Semi-skilled ..	374 9	357 5	45.7	4.8	98.3	93.8
Labourers ..	306 5	282 7	49.6	8.4	74.1	68.4

TABLE 2(b).—REGIONAL ANALYSIS—SHIPBUILDING AND SHIP REPAIRING\*

	Average weekly earnings		Average hours actually worked including overtime	Average hours of overtime worked	Average hourly earnings	
	including overtime premium	excluding overtime premium			including overtime premium	excluding overtime premium
<b>London and South Eastern</b>						
Timeworkers	s. d.	s. d.			d.	d.
Skilled ..	431 0	346 9	55.8	16.1	92.7	74.6
Semi-skilled ..	276 1	254 4	46.8	6.3	70.8	65.2
Labourers ..	290 1	244 1	49.7	9.8	70.0	58.9
P-B-R workers†						
Skilled ..	464 11	399 0	50.6	11.3	110.2	94.6
Semi-skilled ..	365 3	314 3	52.8	12.0	83.0	71.4
Labourers ..	439 1	355 2	53.6	16.1	98.3	79.5
<b>Eastern and Southern</b>						
Timeworkers						
Skilled ..	350 9	330 3	50.2	8.3	83.9	79.0
Semi-skilled ..	276 1	252 4	51.1	8.3	64.8	59.3
Labourers ..	283 7	253 11	53.3	10.9	63.9	57.2
P-B-R workers†						
Skilled ..	429 4	386 1	50.5	11.3	101.9	91.7
Semi-skilled ..	477 6	418 3	57.7	16.6	99.3	87.0
Labourers ..	407 5	350 7</				



TABLE 2(d).—REGIONAL ANALYSIS—IRON AND STEEL MANUFACTURE\*

Classes of workers	Average weekly earnings		Average hours actually worked including overtime	Average hours of overtime worked	Average hourly earnings	
	including overtime premium	excluding overtime premium			including overtime premium	excluding overtime premium
<b>Midlands</b>						
Timeworkers	s. d.	s. d.			d.	d.
Process workers†	364 5	342 10	47.2	6.3	92.7	87.2
Maintenance workers (skilled)‡	403 0	370 1	48.1	8.2	100.4	92.2
Maintenance workers (semi-skilled)†	355 3	326 10	50.1	10.1	85.1	78.3
Service workers†	354 10	334 2	49.2	8.2	86.5	81.4
Labourers...	286 8	267 5	50.1	8.5	68.7	64.1
P-B-R workers†	400 2	388 1	45.6	4.9	105.2	102.1
Process workers†	443 6	414 7	46.7	7.4	113.9	106.4
Maintenance workers (skilled)‡	397 10	364 6	48.0	9.1	99.5	91.1
Maintenance workers (semi-skilled)†	372 11	349 9	49.3	8.7	90.8	85.2
Service workers†	321 1	300 11	49.0	8.9	78.9	73.8
Labourers...						
<b>Yorkshire and Lincolnshire</b>						
Timeworkers	s. d.	s. d.			d.	d.
Process workers†	385 1	365 9	48.1	7.4	96.1	91.3
Maintenance workers (skilled)‡	418 6	387 3	47.8	7.3	105.1	97.3
Maintenance workers (semi-skilled)†	348 1	325 11	47.3	7.1	88.2	82.6
Service workers†	324 0	301 9	47.0	8.2	82.7	77.0
Labourers...	290 4	269 1	46.6	7.0	74.8	69.4
P-B-R workers†	413 1	394 11	46.2	6.0	107.3	102.6
Process workers†	441 6	406 7	48.5	7.9	109.2	100.5
Maintenance workers (skilled)‡	381 6	350 11	49.5	8.3	92.5	85.1
Maintenance workers (semi-skilled)†	373 8	353 2	47.4	6.8	94.6	89.5
Service workers†	330 1	301 4	48.4	8.1	81.9	74.8
Labourers...						
<b>North Western§</b>						
Timeworkers	s. d.	s. d.			d.	d.
Process workers†	387 2	361 7	46.2	6.2	100.5	93.9
Maintenance workers (skilled)‡	—	—	—	—	—	—
Maintenance workers (semi-skilled)†	—	—	—	—	—	—
Service workers†	334 10	313 4	47.1	5.7	85.3	79.8
Labourers...	—	—	—	—	—	—
P-B-R workers†	437 7	418 11	45.1	3.9	116.4	111.5
Process workers†	476 4	465 5	43.9	2.9	130.1	127.1
Maintenance workers (skilled)‡	380 11	370 7	44.2	2.8	103.5	100.7
Maintenance workers (semi-skilled)†	383 4	373 4	44.5	3.3	103.4	100.7
Service workers†	334 3	324 7	44.1	3.1	90.9	88.3
Labourers...						
<b>Northern</b>						
Timeworkers	s. d.	s. d.			d.	d.
Process workers†	345 2	320 3	48.4	7.2	85.6	79.4
Maintenance workers (skilled)‡	394 11	355 11	50.3	9.4	94.2	84.9
Maintenance workers (semi-skilled)†	346 6	291 6	51.8	11.9	80.2	67.5
Service workers†	309 8	292 3	46.6	4.5	79.8	75.3
Labourers...	303 7	272 1	50.0	8.4	72.8	65.2
P-B-R workers†	372 2	360 5	44.7	3.1	99.9	96.7
Process workers†	406 8	384 4	45.6	5.3	107.0	101.2
Maintenance workers (skilled)‡	363 9	338 7	47.4	7.0	92.1	85.7
Maintenance workers (semi-skilled)†	329 0	312 8	46.3	5.0	85.3	81.0
Service workers†	321 4	298 2	46.3	5.8	83.2	77.2
Labourers...						
<b>Scotland§</b>						
Timeworkers	s. d.	s. d.			d.	d.
Process workers†	289 4	260 4	47.8	7.8	72.6	65.3
Maintenance workers (skilled)‡	—	—	—	—	—	—
Maintenance workers (semi-skilled)†	—	—	—	—	—	—
Service workers†	314 9	287 3	51.7	7.5	73.1	66.7
Labourers...	261 6	238 6	47.6	7.2	66.0	60.2
P-B-R workers†	379 10	357 8	46.8	5.6	97.3	91.7
Process workers†	423 6	385 11	48.1	8.0	105.7	96.3
Maintenance workers (skilled)‡	375 1	337 7	49.7	8.7	90.6	81.5
Maintenance workers (semi-skilled)†	343 11	325 4	45.2	5.0	91.3	86.4
Service workers†	325 10	295 5	47.7	7.9	82.0	74.6
Labourers...						
<b>Wales</b>						
Timeworkers	s. d.	s. d.			d.	d.
Process workers†	376 9	348 5	47.0	5.4	96.1	88.9
Maintenance workers (skilled)‡	461 10	417 8	48.9	7.0	113.3	102.5
Maintenance workers (semi-skilled)†	347 10	314 9	47.9	7.3	87.2	78.9
Service workers†	363 3	336 0	46.5	5.4	93.8	86.8
Labourers...	315 1	276 11	47.3	9.6	80.0	70.3
P-B-R workers†	461 11	452 1	43.9	1.9	126.2	123.6
Process workers†	486 1	468 4	43.9	3.0	132.8	127.9
Maintenance workers (skilled)‡	413 0	394 4	44.5	3.2	111.3	106.3
Maintenance workers (semi-skilled)†	405 9	387 11	44.4	3.2	109.7	104.9
Service workers†	340 0	323 11	44.6	3.9	91.5	87.2
Labourers...						

\*† See footnotes under Table 1.  
 ‡ Excludes labourers.  
 § Where no figure is given, it is because either it would reveal the earnings in a particular firm or the number of workers covered by the returns is too small to provide a satisfactory basis for a general average.

NUMBERS OF ADULT MALE MANUAL WORKERS COVERED AND AVERAGE EARNINGS AND HOURS IN THE THIRD PAY-WEEK IN JUNE 1964  
 TABLE 3.—GREAT BRITAIN—ALL INDUSTRIES COVERED

Classes of workers	Timeworkers (including lieu workers)					Payment-by-result workers								
	Numbers of men (21 years and over) covered by the survey	Average weekly earnings		Average hours actually worked including overtime	Average hourly earnings	Numbers of men (21 years and over) covered by the survey	Average weekly earnings		Average hours of overtime worked	Average hourly earnings				
		including overtime premium	excluding overtime premium				including overtime premium	excluding overtime premium		including overtime premium	excluding overtime premium			
<b>(a) All engineering industries covered  </b>														
Fitters (skilled—other than Toolroom and Maintenance)	44,294	382 0	360 2	47.2	6.5	97.1	91.5	66,703	412 11	397 4	45.8	5.0	108.1	104.1
Turners and machinemen (other than Toolroom and Maintenance)	30,787	386 7	365 2	46.8	5.9	99.2	93.7	70,009	413 5	397 2	45.8	5.1	108.4	104.2
(a) rated at or above fitters' rate	8,014	316 1	298 5	46.4	5.8	81.8	77.2	60,835	381 10	369 0	45.2	4.4	101.5	98.0
(b) rated below fitters' rate	34,713	435 4	414 7	46.3	5.4	112.9	107.5	9,344	420 2	405 6	45.7	4.5	110.4	106.6
Toolroom fitters and turners	17,933	427 2	391 10	49.5	8.9	103.6	95.0	3,866	422 6	393 0	49.2	8.2	103.0	95.8
Maintenance men (skilled)	11,692	431 9	393 6	49.5	9.1	104.6	95.4	2,659	435 5	403 4	49.6	8.6	105.4	97.6
Skilled maintenance electricians	11,938	421 6	387 5	49.1	8.6	103.0	94.7	2,559	405 10	379 4	48.1	7.3	101.2	94.6
Other skilled maintenance classes	3,369	402 1	384 9	45.6	4.7	105.9	101.3	2,667	389 4	377 4	45.2	4.0	103.4	100.2
Patternmakers	7,268	396 6	372 2	47.7	6.8	99.8	93.7	13,620	446 6	432 4	45.3	4.4	118.4	114.6
Sheet metal workers (skilled)	1,498	342 3	329 11	44.8	4.1	91.7	88.4	4,789	400 6	390 5	44.3	3.6	108.4	105.7
Moulders (loose pattern—skilled)	4,594	357 2	330 1	48.3	7.8	88.7	82.0	9,563	402 7	385 4	45.7	5.0	105.6	101.1
Platers, riveters and caulkers	101,827	400 7	376 3	47.4	6.7	101.4	95.3	73,958	422 3	407 2	45.4	4.8	111.6	107.6
All other adult skilled grades	223,820	364 5	338 3	48.2	7.9	90.8	84.2	206,393	388 0	373 2	45.6	5.2	102.0	98.1
All other adult semi-skilled grades	76,707	291 4	269 3	48.8	8.0	71.7	66.3	21,588	304 3	285 5	48.0	7.4	76.1	71.4
Labourers														

|| Comprising Minimum List Headings in the Standard Industrial Classification as follows:—  
 All engineering industries covered: 331-349; 361; 363-369; 370.2; 381-385; 391; 393; 399.

Table 3.—Great Britain—All Industries Covered—continued

Classes of workers	Timeworkers (including lieu workers)					Payment-by-result workers								
	Numbers of men (21 years and over) covered by the survey	Average weekly earnings		Average hours actually worked including overtime	Average hourly earnings	Numbers of men (21 years and over) covered by the survey	Average weekly earnings		Average hours of overtime worked	Average hourly earnings				
		including overtime premium	excluding overtime premium				including overtime premium	excluding overtime premium		including overtime premium	excluding overtime premium			
<b>(b) Shipbuilding and ship repairing*†</b>														
Platers	4,007	385 1	365 11	43.6	3.9	106.0	100.7	5,870	421 11	398 10	43.7	4.3	115.8	109.4
Welders	4,508	395 9	367 1	44.5	5.6	106.7	99.0	4,858	358 8	334 7	46.0	5.9	93.6	87.3
Other boilermakers (riveters, caulkers, burners, etc.)	3,332	329 11	313 4	45.0	4.4	87.9	83.5	3,332	329 11	313 4	45.0	4.4	87.9	83.5
Shipwrights	2,103	340 7	320 7	45.1	4.9	90.6	85.3	2,171	362 2	333 1	47.4	7.3	91.7	84.3
Joiners	3,749	379 11	349 3	46.0	6.9	99.0	91.0	3,749	379 11	349 3	46.0	6.9	99.0	91.0
Plumbers	494	384 10	351 0	47.4	7.3	97.5	88.9	494	384 10	351 0	47.4	7.3	97.5	88.9
Electricians														
Fitters														
Turners														
<b>(c) Chemical manufacture*</b>														
General workers engaged in production	s. d.	s. d.			d.	d.			s. d.	s. d.			d.	d.
Day workers	16,832	318 1	296 7	48.1	7.7	79.3	74.0	7,125	350 8	333 7	47.4	6.3	88.9	84.5
Continuous 3-shift workers	12,204	412 5	395 5	47.8	6.9	103.4	99.3	12,933	391 4	386 4	44.6	3.0	105.4	103.9
Non-continuous 3-shift workers	2,065	409 2	376 5	51.9	11.1	94.6	87.0	2,438	420 7	394 11	50.9	9.4	99.1	93.1
2-shift workers	2,419	382 0	353 3	55.4	13.7	82.7	76.5	816	367 4	352 4	45.7	5.2	96.5	92.5
Others including night workers	585	372 10	336 6	49.8	9.2	89.9	81.1	562	334 11	311 1	45.9	7.4	87.6	81.3
Craftsmen	4,563	405 1	376 7	48.0	7.9	101.2	94.1	3,080	435 8	420 9	45.4	4.6	115.1	111.2
Fitters	2,471	411 10	387 8	47.0	7.0	105.1	99.0	1,949	436 5	416 4	45.4	4.4	115.4	110.0
Other engineering craftsmen	1,319	410 0	385 0	47.9	7.2	102.6	96.5	889	432 11	419 9	45.2	3.9	114.9	111.4
Electricians	1,260	377 7	357 6	47.2	6.1	96.1	90.9	734	400 7	384 1	46.0	4.5	104.5	100.2
Building craftsmen														
<b>(d) Iron and steel manufacture*†</b>														
Process workers excluding labourers	807	353 10	342 2	43.2	2.7	98.4	95.1	6,608	377 6					



TABLE 4.—SUMMARY FOR PARTICULAR INDUSTRY GROUPS

Classes of workers	Timeworkers (including lieu workers)						Payment-by-result workers							
	Numbers of men (21 years and over) covered by the survey	Average weekly earnings		Average hours actually worked including overtime	Average hours of overtime worked	Average hourly earnings	Numbers of men (21 years and over) covered by the survey	Average weekly earnings		Average hours actually worked including overtime	Average hours of overtime worked	Average hourly earnings		
		including overtime premium	excluding overtime premium					including overtime premium	excluding overtime premium			including overtime premium	excluding overtime premium	
<b>(a) Mechanical engineering*</b>														
Fitters (skilled—other than Toolroom and Maintenance)	21,893	s. d. 366 0	s. d. 343 9	47.8	6.7	d. 91.8	d. 86.2	24,422	s. d. 397 6	s. d. 379 7	46.6	5.7	102.4	97.8
Turners and machinemmen (other than Toolroom and Maintenance)	17,961	368 5	347 1	47.0	6.2	94.1	88.6	33,965	401 1	383 10	46.1	5.4	104.3	99.8
(a) rated at or above fitters' rate	5,271	315 5	296 4	46.8	6.0	81.0	76.1	26,693	361 8	346 7	46.4	5.2	93.6	89.7
(b) rated below fitters' rate	11,975	422 8	398 1	47.3	6.3	107.3	101.1	3,188	411 7	395 1	46.5	5.3	106.3	102.0
Toolroom fitters and turners Maintenance men (skilled)	6,410	403 2	371 1	49.6	8.5	97.5	89.8	1,724	404 9	376 5	49.3	8.1	98.6	91.7
Skilled maintenance fitters	3,681	430 2	392 3	51.1	9.8	101.1	92.2	1,250	426 3	393 6	49.8	8.7	102.7	94.8
Skilled maintenance electricians	3,481	385 8	355 2	49.3	8.2	94.0	86.5	1,124	397 10	370 1	48.5	7.5	98.5	91.6
Other skilled maintenance classes	1,641	375 10	360 1	46.2	4.7	97.7	93.6	1,323	380 10	368 2	45.6	4.2	100.3	97.0
Patternmakers	3,005	392 5	368 4	48.5	7.3	97.1	91.1	3,877	415 11	395 4	47.7	6.5	104.7	99.5
Sheet metal workers (skilled)	1,083	338 3	327 10	44.4	3.9	91.3	88.5	3,136	391 4	382 1	43.9	3.4	106.9	104.3
Moulders (loose pattern—skilled)	3,199	369 8	340 6	48.7	7.9	91.0	83.9	6,455	412 7	394 5	46.3	5.3	107.0	102.3
Platers, riveters and caulkers	35,368	385 0	358 8	48.4	7.5	95.5	89.0	21,828	411 1	391 8	47.2	6.1	104.6	99.7
All other adult skilled grades	63,805	325 10	301 0	49.2	8.5	79.4	73.4	59,564	358 2	339 5	47.4	6.6	90.7	85.9
All other adult semi-skilled grades	29,172	280 9	259 1	49.1	8.1	68.6	63.3	9,183	292 11	273 10	48.1	7.4	73.1	68.3
Labourers														
<b>(b) Electrical engineering*†</b>														
Fitters (skilled—other than Toolroom and Maintenance)	6,241	s. d. 375 10	s. d. 355 0	47.4	6.5	d. 95.2	d. 89.9	9,545	s. d. 397 1	s. d. 383 5	45.3	4.4	105.2	101.6
Turners and machinemmen (other than Toolroom and Maintenance)	3,029	378 4	359 4	46.4	5.4	97.9	92.9	9,082	406 0	391 6	45.6	4.7	107.0	103.1
(a) rated at or above fitters' rate	847	307 4	291 1	46.5	6.2	79.4	75.2	10,038	353 5	341 9	44.8	4.2	94.6	91.5
(b) rated below fitters' rate	6,868	414 1	398 7	45.0	4.2	110.4	106.2	1,938	428 9	414 10	45.5	4.4	113.1	109.4
Toolroom fitters and turners Maintenance men (skilled)	3,775	416 6	381 2	48.7	8.8	102.7	94.0	659	438 7	407 3	49.0	8.4	107.4	99.7
Skilled maintenance fitters	3,518	386 11	353 2	48.4	7.6	96.0	87.6	464	429 6	399 4	49.5	8.4	104.0	96.7
Skilled maintenance electricians	2,589	393 10	363 8	48.1	7.7	98.3	90.8	340	404 2	376 6	48.4	7.9	100.1	93.3
Other skilled maintenance classes	149	381 9	374 6	44.0	2.5	104.1	102.1	542	406 2	396 4	44.0	3.2	110.9	108.2
Patternmakers	1,277	378 1	359 4	47.0	5.8	96.5	91.7	1,214	378 3	365 2	44.9	4.1	101.2	97.7
Sheet metal workers (skilled)	—	—	—	—	—	—	—	523	411 5	401 10	44.6	3.6	110.7	108.1
Moulders (loose pattern—skilled)	216	376 4	352 6	47.5	6.3	95.1	89.1	283	419 10	404 10	43.8	4.0	115.0	110.8
Platers, riveters and caulkers	22,290	375 7	355 8	46.6	5.7	96.7	91.6	12,905	389 9	375 8	44.8	4.4	104.4	100.6
All other adult skilled grades	40,923	318 3	298 2	47.6	6.9	80.2	75.1	44,068	354 8	339 5	45.7	5.2	93.2	89.2
All other adult semi-skilled grades	12,990	277 4	258 4	47.6	7.3	69.9	65.1	2,755	311 1	293 3	47.3	7.2	78.8	74.3
Labourers														
<b>(c) Motor vehicle manufacturing*†</b>														
Fitters (skilled—other than Toolroom and Maintenance)	5,011	s. d. 462 9	s. d. 438 9	47.3	6.7	d. 117.3	d. 111.2	10,346	s. d. 470 4	s. d. 462 0	44.0	3.4	128.3	126.0
Turners and machinemmen (other than Toolroom and Maintenance)	3,472	440 5	418 4	46.0	5.3	114.9	109.1	10,566	447 4	436 2	45.0	4.2	119.3	116.3
(a) rated at or above fitters' rate	468	321 7	306 5	46.0	4.9	83.9	79.9	16,521	443 1	435 0	43.1	3.0	123.3	121.1
(b) rated below fitters' rate	7,698	490 10	473 1	45.2	4.9	130.2	125.5	1,457	425 1	416 4	43.4	2.2	117.5	115.1
Toolroom fitters and turners Maintenance men (skilled)	3,465	502 3	461 7	49.1	9.2	122.8	112.9	455	465 0	433 6	49.8	8.7	112.0	104.4
Skilled maintenance fitters	2,434	493 9	451 0	47.4	9.4	124.9	114.1	443	476 10	444 9	49.1	7.9	116.6	108.8
Skilled maintenance electricians	3,105	503 6	460 9	49.2	9.8	122.9	112.5	408	431 7	408 1	47.9	7.1	108.2	102.3
Other skilled maintenance classes	902	476 2	451 7	45.3	5.1	126.2	119.7	151	428 6	411 9	45.4	4.1	113.2	108.8
Patternmakers	976	452 6	424 9	45.3	6.1	119.9	112.5	4,308	513 9	504 8	42.9	2.6	143.8	141.3
Sheet metal workers (skilled)	136	437 1	407 8	46.7	7.1	112.3	104.8	280	410 11	398 11	46.4	4.5	106.3	103.2
Moulders (loose pattern—skilled)	19,166	458 11	433 1	46.5	6.4	118.5	111.9	262	382 3	373 2	43.7	3.5	104.9	102.5
Platers, riveters and caulkers	83,158	433 6	402 0	47.4	7.8	109.8	101.8	19,118	470 6	461 4	43.4	3.0	130.0	127.5
All other adult skilled grades	12,776	335 9	314 0	47.8	7.6	84.3	78.8	3,661	333 1	317 3	47.7	6.6	83.8	79.8
All other adult semi-skilled grades														
Labourers														

\* Comprising Minimum List Headings in the Standard Industrial Classification as follows:—

Mechanical engineering: 331–349.

Electrical engineering: 361, 363–369.

Motor vehicle manufacturing: 381–382.

† Where no figure is given, it is because either it would reveal the earnings in a particular firm or the number of workers covered by the returns is too small to provide a satisfactory basis for a general average.

Table 4.—Summary for Particular Industry Groups—continued

Classes of workers	Timeworkers (including lieu workers)						Payment-by-result workers							
	Numbers of men (21 years and over) covered by the survey	Average weekly earnings		Average hours actually worked including overtime	Average hours of overtime worked	Average hourly earnings	Numbers of men (21 years and over) covered by the survey	Average weekly earnings		Average hours actually worked including overtime	Average hours of overtime worked	Average hourly earnings		
		including overtime premium	excluding overtime premium					including overtime premium	excluding overtime premium			including overtime premium	excluding overtime premium	
<b>(d) Aircraft manufacturing and repairing*†</b>														
Fitters (skilled—other than Toolroom and Maintenance)	6,764	s. d. 401 8	s. d. 385 1	45.4	5.0	d. 106.1	d. 101.8	15,996	s. d. 422 9	s. d. 406 10	45.8	5.1	110.9	106.7
Turners and machinemmen (other than Toolroom and Maintenance)	4,027	433 3	413 7	45.8	5.0	113.5	108.3	8,692	423 2	407 10	44.5	4.4	114.1	109.9
(a) rated at or above fitters' rate	699	341 10	328 0	44.7	4.3	91.7	88.0	3,698	355 5	341 10	44.4	4.4	96.0	92.3
(b) rated below fitters' rate	2,650	440 10	425 11	45.1	4.3	117.3	113.3	1,305	432 2	419 5	45.5	4.2	113.9	110.5
Toolroom fitters and turners Maintenance men (skilled)	1,223	426 5	399 9	48.0	7.0	106.6	99.9	378	446 5	417 6	49.0	7.8	109.3	102.2
Skilled maintenance fitters	737	460 9	426 0	49.7	9.2	111.3	102.9	215	436 0	407 11	48.3	7.7	108.3	101.3
Skilled maintenance electricians	1,071	425 10	399 9	47.9	7.5	106.6	100.1	387	430 11	406 9	47.3	6.3	109.3	103.1
Other skilled maintenance classes	240	417 8	405 4	44.6	3.8	112.4	109.1	270	438 9	421 0	47.7	6.3	110.3	105.8
Patternmakers	480	434 4	416 3	45.4	4.7	114.7	110.0	2,230	446 5	435 2	44.8	3.9	119.6	116.6
Sheet metal workers (skilled)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Moulders (loose pattern—skilled)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Platers, riveters and caulkers	11,132	428 0	407 9	45.9	5.8	111.9	106.6	7,018	436 8	416 9	46.6	5.7	112.4	107.3
All other adult skilled grades	12,450	341 0	320 7	48.1	7.5	85.0	79.9	11,359	358 9	341 2	47.6	6.2	90.5	86.1
All other adult semi-skilled grades	5,772	297 0	276 1	48.8	8.0	73.0	67.9	809	303 1	279 10	49.0	8.3	74.2	68.5
Labourers														
<b>(e) Marine engineering*†</b>														
Fitters (skilled—other than Toolroom and Maintenance)	1,331	s. d. 350 6	s. d. 322 10	47.6	7.7	d. 88.3	d. 81.3	4,002	s. d. 366 4	s. d. 345 4	47.1	5.8	93.4	88.1
Turners and machinemmen (other than Toolroom and Maintenance)	561	360 4	330 10	48.8	7.9	88.6	81.4	2,928	389 11	366 7	46.5	5.5	100.6	94.6
(a) rated at or above fitters' rate	150	413 9	388 3	47.2	6.3	105.3	98.8	1,229	352 8	327 7	47.1	5.9	89.9	83.5
(b) rated below fitters' rate	223	387 3	355 2	49.1	7.8	94.7	86.8	287	414 8	388 9	47.5	6.8	104.9	98.3
Toolroom fitters and turners Maintenance men (skilled)	135	406 1	361 6	51.1	10.7	95.4	84.9	144	428 1	390 0	52.2	10.8	98.4	89.7
Skilled maintenance fitters	—	—	—	—	—	—	—	131	389 11	362 11	48.4	7.9	96.7	90.0
Skilled maintenance electricians	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other skilled maintenance classes	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Patternmakers	—	—	—	—	—	—	—	345	336 3	330 3	43.2	2.0	93.4	91.7
Sheet metal workers (skilled)	—	—	—	—	—	—	—	364	346 4	331 11	44.5	4.0	93.5	89.6
Moulders (loose pattern—skilled)	—	—	—	—	—									



TABLE 5.—REGIONAL ANALYSIS—ALL ENGINEERING INDUSTRIES COVERED\*

Classes of workers	Timeworkers (including lieu workers)						Payment-by-result workers											
	Numbers of men (21 years and over) covered by the survey		Average weekly earnings		Average hours actually worked including overtime	Average hours of overtime worked	Average hourly earnings		Numbers of men (21 years and over) covered by the survey		Average weekly earnings		Average hours actually worked including overtime	Average hours of overtime worked	Average hourly earnings			
	including overtime premium	excluding overtime premium	including overtime premium	excluding overtime premium			including overtime premium	excluding overtime premium	including overtime premium	excluding overtime premium	including overtime premium	excluding overtime premium			including overtime premium	excluding overtime premium		
(a) London and South Eastern†																		
Fitters (skilled—other than Toolroom and Maintenance)	9,881	379	1	356	1	47.0	6.5	96.8	90.9	8,412	425	7	410	7	45.7	4.8	111.7	107.8
Turners and machinemen (other than Toolroom and Maintenance)	6,131	385	5	365	2	46.1	5.5	100.2	95.0	6,883	417	3	402	4	45.8	4.9	109.4	105.5
(a) rated at or above fitters' rate	1,463	312	2	296	4	45.3	5.4	82.7	78.5	5,348	359	7	347	10	44.8	4.1	96.3	93.1
(b) rated below fitters' rate	6,377	431	2	414	2	45.0	4.7	114.9	110.3	749	449	3	436	2	45.6	4.3	118.2	114.7
Toolroom fitters and turners Maintenance men (skilled)	3,618	422	10	390	8	48.9	8.2	103.7	95.8	508	448	10	424	5	48.0	6.9	112.1	106.0
Skilled maintenance fitters	1,910	460	7	417	7	50.2	10.1	110.2	99.9	339	444	11	417	3	48.0	7.6	111.2	104.3
Skilled maintenance electricians	2,156	441	0	399	6	49.1	9.3	107.8	97.6	344	429	9	406	3	48.0	7.0	107.4	101.5
Other skilled maintenance classes	527	482	7	442	3	48.2	9.3	120.1	110.1	—	—	—	—	—	—	—	—	
Patternmakers	2,720	404	8	378	0	48.0	7.1	101.1	94.4	3,196	469	0	456	5	45.2	4.2	124.4	121.0
Sheet metal workers (skilled)	215	403	0	385	4	46.2	5.2	104.7	100.1	202	434	10	422	1	45.7	4.5	114.2	110.8
Moulders (loose pattern—skilled)	548	394	6	358	11	45.6	6.3	103.8	94.5	531	437	5	423	11	44.3	4.2	118.5	114.9
Platers, riveters and caulkers	21,653	391	7	365	11	47.1	6.4	99.8	93.3	8,745	425	4	411	7	44.9	4.4	113.6	109.9
All other adult skilled grades	50,228	394	6	363	9	47.5	8.1	99.6	91.8	19,005	361	9	347	3	45.7	5.3	95.1	91.3
All other adult semi-skilled grades	11,627	301	8	279	2	48.5	7.9	74.6	69.1	1,446	301	6	285	7	45.7	5.9	79.2	75.0
Labourers																		
(b) Eastern and Southern†																		
Fitters (skilled—other than Toolroom and Maintenance)	6,723	403	5	382	5	47.2	6.4	102.5	97.1	7,429	398	11	380	8	47.0	5.8	101.8	97.2
Turners and machinemen (other than Toolroom and Maintenance)	4,840	407	5	384	10	47.4	6.2	103.1	97.4	5,360	413	2	393	5	47.2	5.9	105.1	100.1
(a) rated at or above fitters' rate	1,234	297	1	285	1	44.9	4.4	79.4	76.2	4,454	368	4	353	3	46.7	5.6	94.6	90.8
(b) rated below fitters' rate	3,706	440	5	417	8	46.8	5.8	113.0	107.1	334	393	7	380	4	45.9	4.5	102.9	99.5
Toolroom fitters and turners Maintenance men (skilled)	2,262	461	2	423	9	49.8	9.4	111.0	102.0	306	441	8	413	8	49.3	8.1	107.5	100.6
Skilled maintenance fitters	1,400	462	1	423	11	49.5	8.9	112.1	102.8	200	458	5	432	5	49.0	7.7	112.3	105.9
Skilled maintenance electricians	1,709	470	7	435	0	49.3	8.9	114.6	105.9	198	411	11	391	5	47.6	7.0	103.9	98.7
Other skilled maintenance classes	476	424	0	410	2	44.9	3.6	113.2	109.5	157	355	2	345	3	44.4	4.3	96.1	93.4
Patternmakers	1,013	397	3	372	3	47.8	7.1	99.7	93.4	1,368	452	4	438	3	45.4	4.7	119.5	115.8
Sheet metal workers (skilled)	359	290	8	274	4	42.6	5.4	81.8	77.2	269	357	1	345	11	40.4	3.8	106.1	102.7
Moulders (loose pattern—skilled)	15,778	415	8	389	5	48.0	7.2	103.9	97.4	6,083	407	11	391	7	46.5	5.4	105.4	101.1
Platers, riveters and caulkers	40,263	410	0	377	0	48.8	8.4	100.9	92.8	29,516	451	11	440	4	44.7	4.6	121.3	118.2
All other adult skilled grades	8,897	325	3	300	11	48.3	7.9	80.8	74.8	1,626	321	7	303	5	48.4	7.7	79.7	75.2
All other adult semi-skilled grades																		
Labourers																		
(c) South Western†																		
Fitters (skilled—other than Toolroom and Maintenance)	3,667	370	6	352	11	44.8	4.5	99.3	94.6	3,337	405	5	387	4	46.1	5.5	105.5	100.8
Turners and machinemen (other than Toolroom and Maintenance)	2,128	391	1	362	4	46.0	5.5	102.0	94.5	3,509	408	10	387	0	45.8	5.8	107.0	101.3
(a) rated at or above fitters' rate	651	309	2	288	9	46.7	6.1	79.4	74.1	3,294	342	9	325	4	46.8	5.1	87.8	83.4
(b) rated below fitters' rate	2,391	420	7	405	9	45.2	4.3	111.7	107.8	182	425	9	412	8	45.0	3.8	113.5	110.0
Toolroom fitters and turners Maintenance men (skilled)	853	430	11	400	0	48.3	7.6	107.0	99.4	—	—	—	—	—	—	—	—	
Skilled maintenance fitters	532	457	2	418	11	50.0	9.1	109.8	100.6	—	—	—	—	—	—	—	—	
Skilled maintenance electricians	422	408	7	383	3	48.5	7.1	101.1	94.8	—	—	—	—	—	—	—	—	
Other skilled maintenance classes	222	411	10	397	5	45.4	4.3	108.8	105.0	—	—	—	—	—	—	—	—	
Patternmakers	338	434	2	409	10	47.0	6.2	110.9	104.6	255	397	6	382	3	46.6	5.3	102.5	98.5
Sheet metal workers (skilled)	—	—	—	—	—	—	—	—	—	117	353	4	332	0	45.6	4.8	93.0	87.4
Moulders (loose pattern—skilled)	6,328	392	4	365	8	47.4	7.0	99.2	92.5	2,171	414	11	394	9	47.5	6.1	104.9	99.8
Platers, riveters and caulkers	9,461	334	11	313	9	47.8	7.2	84.0	78.7	8,041	379	9	366	4	43.1	4.2	105.8	102.1
All other adult skilled grades	2,600	269	10	251	7	47.1	6.8	68.7	64.1	311	302	11	278	3	48.4	7.5	75.1	69.0
All other adult semi-skilled grades																		
Labourers																		

\* Comprising Minimum List Headings in the Standard Industrial Classification as follows: 331-349; 361; 363-369; 370-2; 381-385; 391; 393; 399.

† Where no figure is given, it is because either it would reveal the earnings in a particular firm or the number of workers covered by the returns is too small to provide a satisfactory basis for a general average.

Table 5.—Regional Analysis—All Engineering Industries Covered\*—continued

Classes of workers	Timeworkers (including lieu workers)						Payment-by-result workers											
	Numbers of men (21 years and over) covered by the survey		Average weekly earnings		Average hours actually worked including overtime	Average hours of overtime worked	Average hourly earnings		Numbers of men (21 years and over) covered by the survey		Average weekly earnings		Average hours actually worked including overtime	Average hours of overtime worked	Average hourly earnings			
	including overtime premium	excluding overtime premium	including overtime premium	excluding overtime premium			including overtime premium	excluding overtime premium	including overtime premium	excluding overtime premium	including overtime premium	excluding overtime premium			including overtime premium	excluding overtime premium		
(d) Midlands																		
Fitters (skilled—other than Toolroom and Maintenance)	9,106	402	5	385	3	46.3	5.7	104.4	99.9	16,628	452	4	441	1	44.5	3.8	121.9	118.8
Turners and machinemen (other than Toolroom and Maintenance)	6,593	410	1	391	9	47.0	5.8	104.6	100.0	22,856	446	1	433	6	44.7	4.1	119.6	116.3
(a) rated at or above fitters' rate	1,678	334	11	314	11	47.8	6.2	84.1	79.1	23,812	426	9	417	4	43.9	3.5	116.8	114.2
(b) rated below fitters' rate	13,059	457	2	438	4	46.0	5.2	119.2	114.2	2,875	436	8	423	3	45.2	4.0	115.9	112.4
Toolroom fitters and turners Maintenance men (skilled)	4,994	442	4	406	11	49.8	9.2	106.5	98.0	1,013	415	3	390	6	47.6	6.9	104.8	98.5
Skilled maintenance fitters	3,369	446	11	410	10	49.0	9.3	109.3	100.5	539	461	5	427	2	50.1	9.0	110.6	102.4
Skilled maintenance electricians	3,498	424	6	392	7	49.5	8.9	102.9	95.1	653	420	0	389	11	47.9	7.6	105.3	97.8
Other skilled maintenance classes	789	410	3	399	7	44.2	3.2	111.4	108.5	387	413	5	400	11	45.0	3.8	110.3	107.0
Patternmakers	959	405	4	383	9	47.0	6.2	103.5	98.0	3,993	487	1	478	2	43.3	2.9	134.9	132.5
Sheet metal workers (skilled)	319	352	11	342	11	43.8	3.6	96.7	94.0	1,106	414	1	406	10	43.2	2.5	115.1	113.1
Moulders (loose pattern—skilled)	929	358	6	335	9	49.2	8.1	87.4	81.9	1,247	407	10	388	4	47.1	6.2	104.0	99.0
Platers, riveters and caulkers	30,505	417	4	398	11	46.5	5.7	107.6	102.9	28,072	454	6	443	8	43.9	3.6	124.1	121.2
All other adult skilled grades	51,340	350	4	329	0	48.4	7.7	86.9	81.6	68,228	412	11	400	7	44.8	4.5	110.6	107.3
All other adult semi-skilled grades	21,738	294	2	273	11	49.0	8.2	72.1	67.1	5,867	332	9	315	10	47.5	7.2	84.1	79.8
Labourers																		
(e) Yorkshire and Lincolnshire																		
Fitters (skilled—other than Toolroom and Maintenance)	2,898	345	6	323	3	48.2	7.4	86.1	80.6	5,247	380	5	364	9	46.3	5.4	98.5	94.4
Turners and machinemen (other than Toolroom and Maintenance)	3,478	358	4	337	3	47.2	7.1	91.1	85.7	9,159	391	7	373	9	46.6	6.1	100.8	96.2
(a) rated at or above fitters' rate	1,068	317	0	296	9	47.1	6.9	80.8	75.6	8,588	349	11	336</					



Table 5.—Regional Analysis—All Engineering Industries Covered\*—continued

Classes of workers	Timeworkers (including lieu workers)					Payment-by-result workers								
	Numbers of men (21 years and over) covered by the survey	Average weekly earnings		Average hours actually worked including overtime	Average hourly earnings	Numbers of men (21 years and over) covered by the survey	Average weekly earnings		Average hours actually worked including overtime	Average hourly earnings				
		including overtime premium	excluding overtime premium				including overtime premium	excluding overtime premium						
(g) Northern†														
Fitters (skilled—other than Toolroom and Maintenance)	1,579	s. d.	s. d.	51.3	10.5	94.4	85.6	3,667	s. d.	s. d.	46.4	5.6	105.7	100.5
Turners and machinemen (other than Toolroom and Maintenance)	682	376 4	349 3	47.8	6.3	94.4	87.6	3,313	383 9	362 6	46.5	5.6	98.9	93.5
(a) rated at or above fitters' rate	233	320 1	295 8	48.6	7.5	79.1	73.1	2,928	349 0	333 2	45.3	4.5	92.4	88.2
(b) rated below fitters' rate	362	412 7	384 10	47.8	7.3	103.7	96.7	735	444 0	418 3	47.8	6.8	111.6	105.1
Toolroom fitters and turners Maintenance men (skilled)	468	391 0	353 10	49.0	9.0	95.7	86.6	405	430 4	393 4	51.7	10.5	100.0	91.4
Skilled maintenance fitters	234	441 9	392 1	50.9	11.3	104.1	92.4	335	427 7	394 6	50.5	9.4	101.7	93.8
Skilled maintenance electricians	138	390 5	353 7	50.8	10.5	92.3	83.6	259	392 11	364 7	49.2	7.7	95.8	88.9
Other skilled maintenance classes	—	—	—	—	—	—	—	284	392 8	383 10	44.4	3.1	106.1	103.7
Patternmakers	—	—	—	—	—	—	—	444	410 11	383 0	47.2	7.6	104.5	97.4
Sheet metal workers (skilled)	114	319 8	299 6	47.6	5.7	80.6	75.6	460	402 8	387 7	45.7	5.1	105.8	101.8
Moulders (loose pattern—skilled)	204	358 6	328 10	47.7	7.7	90.3	82.8	2,370	428 10	407 9	47.1	5.8	109.3	103.9
Platers, riveters and caulkers	2,894	397 7	368 9	48.6	8.3	98.2	91.1	4,761	401 6	380 1	46.8	5.8	102.9	97.4
All other adult skilled grades	4,995	317 11	289 10	49.6	9.0	76.8	70.1	8,691	349 8	326 7	48.4	7.7	86.8	81.0
All other adult semi-skilled grades	3,555	289 1	261 6	50.5	9.7	68.7	62.1	2,837	298 10	272 7	49.2	8.5	72.9	66.5
Labourers	—	—	—	—	—	—	—	—	—	—	—	—	—	—
(h) Scotland														
Fitters (skilled—other than Toolroom and Maintenance)	2,950	s. d.	s. d.	49.3	8.6	88.0	80.6	4,392	397 8	373 4	46.7	6.4	102.1	95.9
Turners and machinemen (other than Toolroom and Maintenance)	2,667	356 2	335 9	46.3	5.4	92.3	87.1	5,786	397 8	379 2	45.3	4.8	105.3	100.4
(a) rated at or above fitters' rate	577	309 2	292 2	46.2	5.3	80.3	75.9	1,761	374 4	354 4	46.6	5.8	96.4	91.3
(b) rated below fitters' rate	2,833	416 3	389 8	47.4	6.2	105.4	98.7	476	389 6	372 5	45.9	5.2	101.8	97.3
Toolroom fitters and turners Maintenance men (skilled)	1,754	415 0	376 1	49.6	8.9	100.5	91.0	216	435 10	404 2	50.1	8.6	104.4	96.8
Skilled maintenance fitters	1,961	348 9	316 0	48.3	6.9	86.6	78.5	178	448 9	413 6	51.5	10.2	104.6	96.4
Skilled maintenance electricians	912	405 7	372 1	49.6	8.8	98.0	89.9	136	408 6	381 4	48.2	7.4	101.7	94.9
Other skilled maintenance classes	410	346 4	330 7	45.4	3.7	91.5	87.4	351	382 9	365 9	46.6	5.2	98.5	94.1
Patternmakers	589	386 9	365 8	45.6	4.8	101.7	96.2	902	402 9	377 7	46.3	6.2	104.5	98.0
Sheet metal workers (skilled)	106	303 2	290 11	45.1	4.2	80.7	77.4	433	373 4	359 1	45.1	4.1	99.3	95.5
Moulders (loose pattern—skilled)	1,028	348 9	315 9	50.4	10.2	83.0	75.1	1,777	405 9	387 10	45.2	4.7	107.6	102.9
Platers, riveters and caulkers	6,097	394 6	362 5	48.4	8.0	97.9	89.9	5,306	405 8	385 6	46.3	5.5	105.2	100.0
All other adult skilled grades	19,111	334 8	315 0	46.7	5.8	86.0	81.0	14,472	359 7	339 7	46.7	5.7	92.3	87.2
All other adult semi-skilled grades	6,559	291 0	266 2	48.9	7.8	71.4	65.3	2,025	294 1	269 8	49.2	8.5	71.7	65.7
Labourers	—	—	—	—	—	—	—	—	—	—	—	—	—	—
(i) Wales†														
Fitters (skilled—other than Toolroom and Maintenance)	949	s. d.	s. d.	44.9	3.8	83.3	79.7	1,144	395 5	376 7	45.7	5.3	103.8	98.9
Turners and machinemen (other than Toolroom and Maintenance)	275	390 8	348 2	47.8	6.9	98.0	87.3	1,252	402 7	380 9	45.2	5.3	106.8	101.0
(a) rated at or above fitters' rate	175	336 5	308 7	48.5	7.7	83.2	76.3	1,031	374 2	349 7	46.6	5.8	96.4	90.1
(b) rated below fitters' rate	950	452 2	416 8	47.5	6.8	114.3	105.3	149	469 5	440 3	47.7	6.9	118.0	110.7
Toolroom fitters and turners Maintenance men (skilled)	585	420 11	380 2	49.8	8.6	101.3	91.5	—	—	—	—	—	—	
Skilled maintenance fitters	317	466 8	412 10	51.4	10.1	109.0	96.4	—	—	—	—	—	—	
Skilled maintenance electricians	314	414 11	373 8	50.6	9.3	98.5	88.7	—	—	—	—	—	—	
Other skilled maintenance classes	151	380 5	360 10	46.0	4.0	99.3	94.2	—	—	—	—	—	—	
Patternmakers	—	—	—	—	—	—	—	—	—	—	—	—	—	
Sheet metal workers (skilled)	—	—	—	—	—	—	—	—	—	—	—	—	—	
Moulders (loose pattern—skilled)	—	—	—	—	—	—	—	—	—	—	—	—	—	
Platers, riveters and caulkers	2,261	414 7	373 1	49.8	8.1	100.0	90.0	488	339 10	338 4	41.2	0.5	98.9	98.5
All other adult skilled grades	7,201	361 1	325 10	52.2	11.1	83.0	74.9	1,316	414 3	390 6	47.4	6.4	104.9	98.9
All other adult semi-skilled grades	2,461	287 11	257 4	49.2	7.7	70.1	62.7	8,117	374 10	358 5	45.6	4.7	98.6	94.3
Labourers	—	—	—	—	—	—	—	372	306 5	282 7	49.6	8.4	74.1	68.4

\* Comprising Minimum List Headings in the Standard Industrial Classification as follows: 331-349; 361; 363-369; 370-2; 381-385; 391; 393; 399.

† Where no figure is given, it is because either it would reveal the earnings in a particular firm or the number of workers covered by the returns is too small to provide a satisfactory basis for a general average.

TABLE 6.—INDEX OF EARNINGS: ALL ESTABLISHMENTS COVERED

Summary	Average weekly earnings including overtime premium			Average hourly earnings excluding overtime premium		
	June 1963	January 1964	June 1964	June 1963	January 1964	June 1964
	(a) Engineering Industries (January 1963 = 100)					
Timeworkers	103.3	110.0	113.9	101.0	106.3	108.9
Skilled	104.3	109.2	114.6	101.6	106.1	108.8
Semi-skilled	103.8	110.3	114.8	101.6	107.4	108.5
Labourers	103.8	109.8	114.2	101.3	106.5	108.8
All timeworkers	103.8	109.8	114.2	101.3	106.5	108.8
Payment-by-result workers	104.2	110.9*	115.2	101.9	106.1*	108.9
Skilled	105.6	112.2*	116.6	102.1	107.7*	110.5
Semi-skilled	104.2	111.8	114.4	102.4	107.6	108.4
Labourers	104.8	111.5*	115.7	102.0	106.9*	109.5
All payment-by-result workers	103.7	110.4*	114.5	101.5	106.2*	108.9
All skilled workers	105.0	110.8*	115.7	101.9	106.8*	109.7
All semi-skilled workers	103.9	110.6	114.7	101.8	107.2	108.4
All labourers	104.3	110.6*	114.9	101.6	106.4*	109.1
All workers covered	104.3	110.6*	114.9	101.6	106.4*	109.1
(b) Shipbuilding and Ship Repairing (June 1963 = 100)						
Timeworkers	—	99.9	108.4	—	104.8	107.2
Skilled	—	100.2	102.4	—	103.5	103.1
Semi-skilled	—	106.7	106.0	—	105.0	103.9
Labourers	—	102.9	107.1	—	105.3*	105.9
All timeworkers	—	102.9	107.1	—	105.3*	105.9
Payment-by-result workers	—	104.8	107.3	—	104.0	105.4
Skilled	—	106.9	109.9	—	103.1	104.2
Semi-skilled	—	106.6	101.8	—	107.0	105.6
Labourers	—	—	—	—	—	—
All payment-by-result workers	—	105.1	107.1	—	103.9*	105.4
All skilled workers	—	103.9	107.5	—	103.9*	105.7
All semi-skilled workers	—	105.2	108.1	—	103.5	104.2
All labourers	—	106.3	103.1	—	105.9	104.4
All workers covered	—	104.5	107.1	—	104.1*	105.7
(c) Chemical Manufacture (June 1963 = 100)						
Timeworkers	—	104.5	111.9	—	102.1	107.8
General workers	—	101.5	109.0	—	101.2	107.0
Craftsmen	—	103.9	111.2	—	101.7	107.6
All timeworkers	—	103.9	111.2	—	101.7	107.6
Payment-by-result workers	—	99.1	106.0	—	101.4	106.2
General workers	—	101.5	109.6	—	102.2	109.0
Craftsmen	—	—	—	—	—	—
All payment-by-result workers	—	99.8	106.9	—	101.7	106.7
All general workers	—	102.3	109.5	—	101.8	107.3
All craftsmen	—	101.6	109.4	—	101.8	108.0
All workers covered	—	102.4	109.5	—	102.2	107.6
(d) Iron and Steel Manufacture (January 1964 = 100)						
Timeworkers	—	—	104.4	—	—	102.0
Process workers	—	—	104.1	—	—	104.3
Maintenance workers (skilled)	—	—	—	—	—	—
Maintenance workers (semi-skilled)	—	—	102.4	—	—	101.3
Service workers	—	—	101.4	—	—	100.6
Labourers	—	—	103.1	—	—	101.5
All timeworkers	—	—	104.2	—	—	102.6
Payment-by-result workers	—	—	102.7	—	—	102.0
Process workers	—	—	104.1	—	—	103.7
Maintenance workers (skilled)	—	—	—	—	—	—
Maintenance workers (semi-skilled)	—	—	103.0	—	—	103.0
Service workers	—	—	103.1	—	—	102.4
Labourers	—	—	102.9	—	—	101.5
All payment-by-result workers	—	—	102.9	—	—	102.4
All process workers	—	—	103.0	—	—	102.1
All maintenance workers (skilled)	—	—	103.6	—	—	102.8
All maintenance workers (semi-skilled)	—	—	102.8	—	—	102.6
All service workers	—	—	102.3	—	—	101.4
All labourers	—	—	103.1	—	—	101.7
All workers covered	—	—	103.1	—	—	102.3

### Occupational Earnings in Engineering and Iron and Steel Manufacture: Corrected Figures for January 1964 Enquiry

During the June 1964 enquiry it was discovered that inaccurate information received in January 19



## NUMBERS EMPLOYED BY LOCAL AUTHORITIES AND IN POLICE FORCES

The monthly analyses of manpower published in this GAZETTE (see, for example, page 421 of this issue) give separate figures for "local government service". Those figures relate to local government service as defined in the Standard Industrial Classification, and exclude those employees of local authorities (such as teachers, transport staffs, building workers, etc.) who, in accordance with the principles underlying the Standard Industrial Classification, are included in other industry groups. The figures are based primarily on the counts of National Insurance cards exchanged and, as the counts have to be made on the basis of the Standard Industrial Classification, it is not possible to obtain information from that source about the total numbers employed by local authorities.

The co-operation of local authorities, however, makes it possible to publish full details in respect of the end of June of each year. The authorities complete a return at that time showing the numbers employed in each of the main departments and services, and figures for June 1963 obtained from this source were published on page 394 of the October 1963 issue of this GAZETTE. Corresponding figures for June 1964 are now given in the table below.

The figures cover (a) all employees of the councils of all counties, boroughs (county, metropolitan and municipal), urban districts and rural districts in England and Wales and of counties and burghs (large and small) in Scotland, and (b) members of the police forces (including the Metropolitan Police). The figures for the police forces have been obtained from the Home Office and the Scottish Home and Health Department.

The figures represent the total numbers on the pay-rolls at 20th June 1964 including those temporarily absent through sickness, holidays or other causes. All persons with a normal full-time engagement are included in the columns headed "full-time" and the persons in the columns headed "part-time" are those engaged on a part-time basis whose employment ordinarily involves service for not more than 30 hours a week.

The figures for construction in the table represent broadly workpeople employed in separate building or civil engineering departments engaged on the building of houses, the construction of roads, sewers, etc. Persons engaged on ordinary maintenance work are included in the figures for "all other local authority departments". The figures for transport services cover not only road transport services but also docks, river and harbour services, airports and all other forms of public transport operated by local authorities.

A qualification that must be borne in mind is that some of the part-time employees of a local authority (e.g., teachers and lecturers at evening classes and technical colleges) are engaged during the daytime in the service of other employers or are working on their own account, and there is, therefore, some overlap between the figures in the table and those for other industries. The extent of the overlap of all kinds is known to be about 79,000. Since some of the overlap may be between two adjoining local authorities there may, in fact, be some duplication within the table itself, but the extent of this duplication is likely to be small.

Numbers Employed by Local Authorities and in Police Forces at 20th June 1964

Department or service	Males		Females		Total males and females
	Full-time	Part-time	Full-time	Part-time	
<b>England</b>					
Education department:					
(a) Lecturers and teachers	137,361	49,904	171,134	56,296	414,695
(b) Other staffs (clerical staff, school cleaners, school canteen staff, etc.)	52,196	11,915	80,701	218,176	362,988
Water supply	12,007	71	595	191	12,864
Construction	97,310	145	765	160	98,380
Transport services	61,545	55	7,332	438	69,370
Health services, day nurseries, children's, aged persons' and other homes	30,126	2,821	75,887	63,447	172,281
Restaurants and canteens (excluding school canteens); orchestras; entertainments; amusement parks; race courses; golf courses, etc.	7,013	1,532	5,042	3,652	17,239
All other local authority departments	337,296	14,129	66,344	26,626	444,395
Police forces (including Metropolitan Police)	73,309	—	2,472	—	75,781
Grand total	808,163	80,572	410,272	368,986	1,667,993
<b>Scotland</b>					
Education department:					
(a) Lecturers and teachers	14,716	1,486	26,544	1,886	44,632
(b) Other staffs (clerical staff, school cleaners, school canteen staff, etc.)	4,300	641	9,130	18,829	32,900
Water supply	2,998	98	82	16	3,194
Construction	17,293	133	202	28	17,656
Transport services	12,300	10	2,125	28	14,463
Health services, day nurseries, children's, aged persons' and other homes	1,784	143	8,627	6,645	17,199
Restaurants and canteens (excluding school canteens); orchestras; entertainments; amusement parks; race courses; golf courses, etc.	1,127	93	788	393	2,401
All other local authority departments	36,435	2,234	8,035	3,054	49,758
Police forces	9,450	—	335	—	9,785
Grand total	100,403	4,838	55,868	30,879	191,988
<b>Wales</b>					
Education department:					
(a) Lecturers and teachers	10,199	1,501	11,837	2,170	25,707
(b) Other staffs (clerical staff, school cleaners, school canteen staff, etc.)	2,965	463	5,351	11,102	19,881
Water supply	1,425	6	44	8	1,483
Construction	7,485	5	131	6	7,627
Transport services	2,437	2	391	20	2,850
Health services, day nurseries, children's, aged persons' and other homes	1,952	99	4,283	3,998	10,332
Restaurants and canteens (excluding school canteens); orchestras; entertainments; amusement parks; race courses; golf courses, etc.	342	90	133	162	727
All other local authority departments	24,229	1,323	3,640	1,501	30,693
Police forces	4,154	—	110	—	4,264
Grand total	55,188	3,489	25,290	18,967	103,564
<b>Great Britain</b>					
Education department:					
(a) Lecturers and teachers	162,276	52,891	209,515	60,352	485,034
(b) Other staffs (clerical staff, school cleaners, school canteen staff, etc.)	59,461	13,019	95,182	248,107	415,769
Water supply	16,430	175	721	215	17,541
Construction	122,088	283	1,098	194	123,663
Transport services	76,282	67	9,848	486	86,683
Health services, day nurseries, children's, aged persons' and other homes	33,862	3,063	88,797	74,090	199,812
Restaurants and canteens (excluding school canteens); orchestras; entertainments; amusement parks; race courses; golf courses, etc.	8,482	1,715	5,963	4,207	20,367
All other local authority departments	397,960	17,686	78,019	31,181	524,846
Police forces (including Metropolitan Police)	86,913	—	2,917	—	89,830
Grand total	963,754	88,899	492,060	418,832	1,963,545

## DEVELOPMENT AND GROWTH IN SCOTLAND

A high level of industrial production, a marked increase in the level of investment both in new buildings and in plant and machinery projected by manufacturing industry, and the achievement of the 1963-64 target of £130 m. in public "infrastructure" investment in Central Scotland in implementation of the Government's programme for that area are some of the points brought out in "Development and Growth in Scotland 1963-64" recently presented to Parliament by the Secretary of State for Scotland and published as a Command Paper (Cmnd. 2440) by H.M. Stationery Office, price 3s. 6d. (3s. 10d. including postage).

The Command Paper, while concentrating largely on the progress made in implementing the Central Scotland programme published last November (see page 481 of the December 1963 issue of this GAZETTE), does so against the general picture of industry, employment and capital investment in Scotland as a whole. It is in three parts, the first of which is in all-Scotland terms; the second concentrates on Central Scotland and the third deals with developments in the individual growth areas.

In the general review of the Scottish economy figures are given of the growth in industrial production in 1963 and the earlier part of 1964. In the first quarter of 1964 the Index of Production shows that industrial output was 9 per cent. higher overall than in the corresponding periods of 1963 and 1962 and nearly 21 per cent. higher than in the 1958 average. The growth in motor vehicle manufacture contributed to this overall increase but other important groups registering substantial expansion were chemicals, food, drink, tobacco, building materials and the construction industries.

The Command Paper points out that this increase in industrial output accompanies an improvement in the overall level of employment: the numbers wholly unemployed fell between January and July 1964 by over 27,000, which is 9,000 more than the normal seasonal decrease of 18,000. A rise of at least 11,000 in employment in manufacturing industry alone between mid-1963 and mid-1964 is estimated.

On factory building the approval of new projects between July 1963 and July 1964 was 40 per cent. higher in both floor space and potential employment than that in the previous 12 months. The total number of new jobs expected to arise from industrial building projects which have been completed since January 1964 and which were either under construction or approved but not started at the end of June 1964 is some 30,000. In addition some 12,000 are expected from other projects, including financially assisted schemes.

A substantial proportion of the financial assistance available for projects approved under the Local Employment Acts came to Scotland. A notable feature is the increase in the number of projects by firms completely new to the country; there were two-and-a-half times as many such projects—37 in all—in 1963 as in 1962 and the same high rate has continued in the first half of 1964. The bulk of this increased investment in industrial building and plant is in Central Scotland—a great deal of it in the growth areas—but the Command Paper points out that, in other parts of Scotland also, financially assisted projects are in hand which are expected to produce 2,250 jobs out of the all-Scottish total. Apart from jobs in prospect, six of the eight growth areas defined in the Central Scotland programme showed actual increases in employment (ranging from +600 in Irvine to +9,900 in North Lanarkshire).

The Command Paper refers to the further studies now being undertaken by the Scottish Development Group on the four regions outside Central Scotland—Highlands and Islands, North East, Borders and South West—and a map is included defining the regions, together with a detailed note of the studies.

The greater part of the Paper is devoted to a first progress report on the Central Scotland programme. It sets out the arrangements for co-ordinating the programme in joint teams of Central Government and the local authorities and emphasises that "it would be premature in this first review, made less than a year after its publication, to try to present a full appraisal. There must be time for many of the modernising measures such as the road improvement and land rehabilitation schemes to take effect". It points out, however, that the out-turn of public investment on housing, roads and all the infrastructure services and projects mentioned in the Central Scotland programme was over £129 m., almost exactly on the target of £130 m. specified in the programme.

One of the features of the Paper is the improvement in the growth prospects in the North Lanarkshire growth area resulting from public and private investment there. Some 6,600 jobs are in prospect as a result of these developments and a considerable amount of land clearance and rehabilitation work is also being undertaken. Other growth areas which show substantial progress include Cumbernauld where there has been a 20 per cent. increase in the number of workers in employment since the beginning of 1963. In Central Fife there are promising new developments in the Donibristle and Cowdenbeath areas and in the New Town of Glenrothes.

The forward programmes of the power industries are also highlighted. Schemes to increase the British Petroleum refinery output at Grangemouth by nearly 40 per cent., to produce more storage capacity and to double part of the Finnart pipeline are now under construction and will be completed by the end of the year. The gas supergrid is being extended and by the end of 1965 the various expansions of capacity in hand will give over 100 m. more cubic feet of gas per day. Investment in electricity in Central Scotland is expected to rise to over £50 m. in 1965-66 and in each of the following four years, and two new collieries are expected to be in production in 1965 to serve the new generating stations being built.

The Paper concludes by pointing out that while the bulk of prospective employment growth is in the growth areas there are prospects of some 18,000 jobs within the next three years in the remainder of Central Scotland outside the growth areas. Without

taking account of the employment potential of the Post Office Savings Bank, nearly 8,000 new jobs are expected to mature from industrial expansion and re-equipment schemes in Glasgow, while other areas with developments of importance to record include Paisley, Cumnock, Girvan and several districts of Lanarkshire and Fife, outside the growth areas there.

## DIGEST OF WELSH STATISTICS

The "Digest of Welsh Statistics. No. 10, 1963", prepared by the Welsh Office, has recently been published and is obtainable from H.M. Stationery Office, price 8s. (8s. 6d. including postage).

The statistics, which relate to Wales and Monmouthshire, are shown where possible for the calendar year and they are grouped in ten main sections with a total of 102 tables relating to population and vital statistics, justice and crime, social services, housing, education, labour, production and trade, transport, national savings and local government finance.

Tables supplied by the Ministry of Labour give an analysis by industry of the total number of insured employees in 1963, compared with 1962 and 1961; an analysis, by age and duration of unemployment, of the numbers unemployed in 1962 and 1963 and, by industries, for each of the five years 1959 to 1963; statistics of unfilled vacancies during each month of the years 1953 and 1957 to 1963; an analysis, by industry and type of employment, of young persons entering employment in 1963; and statistics of industrial stoppages of work, workers involved and working days lost during each of the years 1955 to 1963.

## TRADES UNION CONGRESS

The ninety-sixth annual Trades Union Congress was held at Blackpool on Monday, 7th September 1964, and the four following days. The President was Mr. George H. Lowthian, C.B.E., the Chairman of the General Council.

The number of delegates appointed to attend the Congress was 997. The number of organisations affiliated was 175 and the approximate membership affiliated was 8,326,000 including about 1,516,000 female members. The total membership showed an increase of nearly 10,000 on the total affiliated at the previous year's Congress.

The following table, which is based on the Statistical Statements relating to the 1964 and 1963 Annual Congresses, shows, for each of 18 trade groups, the number of unions affiliated, the number of delegates appointed to attend, and the affiliated membership of the unions concerned.

Trade group	1964 Congress			1963 Congress		
	No. of unions	No. of delegates	Membership	No. of unions	No. of delegates	Membership
Mining and quarrying	3	108	535,554	3	113	563,990
Railways	3	42	412,085	3	42	446,059
Transport (other than railways)	10	97	1,493,764	10	93	1,450,244
Shipbuilding	3	20	120,369	5	19	131,646
Engineering, founding and vehicle building	23	143	1,666,176	24	141	1,662,989
Iron and steel and minor metal trades	15	48	209,193	15	49	208,287
Building, woodwork and furnishing	17	69	530,315	17	67	530,194
Printing and paper	11	62	358,920	12	59	351,228
Cotton	6	23	95,198	6	24	99,340
Textiles (other than cotton)	22	27	90,358	22	27	89,285
Clothing	7	28	162,061	7	25	163,921
Leather and boot and shoe	5	21	97,613	5	21	99,495
Glass, pottery, food, chemicals, etc.	14	68	475,683	14	65	475,293
Agriculture	1	18	135,000	1	16	135,000
Public employees	5	29	327,992	4	29	310,667
Civil service	9	73	503,066	8	70	499,286
Non-manual workers	17	57	323,822	16	55	310,681
General workers	4	64	788,621	4	60	787,727
Totals	175	997	8,325,790	176	975	8,315,332

Mr. Harold Collison, C.B.E., General Secretary of the National Union of Agricultural Workers, was elected Chairman of the General Council of the Trades Union Congress for the forthcoming year.

## STAFF ACCIDENT & SICKNESS SCHEME

A recent Ministry of Labour Report recommends the introduction of "Sick Pay Schemes" by employers for white-collar and manual employees to bridge the gap between Wages and National Insurance benefits.

A competitive quotation may be obtained from:—

**Walter Pollard (Insurance) Ltd.**

164/166, Tottenham Court Road, London, W.1.

Tel.: EUSon 6192



## EARNINGS OF MANUAL WORKERS IN LONDON TRANSPORT BOARD

The half-yearly enquiries held each April and October by the Ministry of Labour into the earnings and hours of manual workers do not cover the London Transport Board.

The Board have collected certain details, however, of numbers of manual workers employed and their earnings in the second pay-week in April 1964. The Board have not been able to supply similar details of hours worked and for this reason alone the figures now available cannot be incorporated in the general results of the April 1964 enquiry as published in the August 1964 issue of this GAZETTE. Moreover, the Board's figures relate to "males" and "females" as against men (21 and over), youths and boys, women (18 and over) and girls in the regular enquiry.

The statistics compiled by the London Transport Board are as follows:—

	Number of workers			Average earnings		
	Males	Females		Males	Females	
		Full-time	Part-time		Full-time	Part-time
Road staff	36,476	5,614	254	s. d. 350 11	s. d. 288 10	s. d. 102 8
Rail staff	14,684	1,489	53	365 1	251 10	115 10
Common services	1,777	95	136	335 3	199 9	122 1
Total	52,937	7,198	443	354 4	280 0	110 2

Similar figures for October 1963 were published in the April 1964 issue of this GAZETTE and it is hoped to publish similar details at six-monthly intervals in future.

The broad groups of manual workers under the three classifications in the above table are as follows:—

**Road staff:** Drivers, conductors and other traffic staff. Engineering and stores staff and catering staff at garages and overhaul works.

**Railway staff:** Train and station staff. Permanent way staff, signal staff, electrical engineering staff, catering staff and engineering stores staff at maintenance depots and overhaul works.

**Common services:** Lost property, commercial advertising and ticket supply staff. Messengers, chauffeurs and establishment staff. Stores checking staff, catering staff and building staff.

## INDUSTRIAL TRAINING SERVICE

As part of its effort to improve the volume and quality of training in industry the Industrial Training Council established the Training Advisory Service to offer practical assistance to employers' associations, joint councils and individual companies. The Service, set up in 1960, was run by a non-profit making limited company, the Industrial Training Council Service, whose directors were appointed by the Industrial Training Council. It has done valuable work and built up a high reputation.

As a result of the Industrial Training Act 1964, and the appointment of the Central Training Council which will advise the Minister of Labour on the administration of the Act and on industrial training questions generally, the Industrial Training Council will cease to operate. It is clearly most desirable that the work of the Training Advisory Service should continue and indeed be expanded. It has been decided, therefore, that the Minister would look in future to the Central Training Council for advice on the running

of the Service, and it has been agreed that the directors of the company should be appointed from among the members of the Council. The Minister has therefore appointed a new board of directors to the company, which has been renamed Industrial Training Service. The Ministry of Labour grant-aids the Service to enable it to undertake some development work for which it would be unlikely to earn fees.

The Service has a staff of Training Development Officers based in Scotland, the North of England, the Midlands, South West England, Wales and London. Its work includes assessing training needs both for industries and for individual companies, developing training schemes for workers at operative, semi-skilled, craft and supervisory levels, promoting group training schemes, organising working conferences of senior executives on the practical problems met when introducing or developing training schemes, and holding courses for instructors. It proposes to start an information service on a subscription basis shortly.

Enquiries and requests for assistance should be addressed to the Head of the Service at 53 Victoria Street, London S.W.1.

## SAFETY, HEALTH AND WELFARE

### Precautions in the use of Nitrate Salt Baths

Accidents which have occurred during the heat treatment of metals, by immersion in baths containing nitrate salt, have sometimes had catastrophic effect. A description of the hazards involved, photographs of the damage caused and advice on ways of preventing accidents are contained in a booklet in the Safety, Health and Welfare New series entitled "Precautions in the use of Nitrate Salt Baths" published by Her Majesty's Stationery Office, price 2s., (2s. 4d. including postage).

The booklet says that the principal hazards are explosions, fires, burns and gassings. Explosions may be due to physical reactions, such as those caused by the introduction of water into the nitrate salt, or by the trapping of air in a bath of salt during the immersion of tubes or other hollow objects. The need for care in the use of apparently dry material in the vicinity of nitrate salt is illustrated by the description of a fatal accident involving the use of an asbestos board as a heat shield. This material, although dry, actually contains chemically combined water. On falling into a heated bath containing nitrate salt, the water was turned into steam with violent disintegration of the board and ejection of molten nitrate. The risk of explosions due to chemical reactions occurring between molten nitrate and free or chemically combined carbon (such as oil, grease, cotton-waste, sacking, paper, wood or food) or between molten nitrate and metal, such as is caused when the bath is overheated, demands the exercise of the utmost care in all operations. The use of fully automatic temperature controllers or at least of automatic excess temperature or "cut-out" devices, which stop the heating immediately the temperature of the bath rises more than a few degrees above the required temperature, is strongly recommended and the practice adopted by some firms of installing two independent systems of temperature control, one operating as an overriding cut-out if the main control system fails, is even better.

As already mentioned, the presence of water near nitrate salt is a potential source of danger and in fighting fires involving molten nitrate neither water, foam nor vaporising liquid extinguishers should be used. Dry clean sand or portable dry powder type extinguishers are considered to be safer. To reduce the fire risk associated with splashing of molten nitrate or with bath failure, wood should not be used in the construction of floors, duckboards, platforms or benches. If it is necessary to add fresh salt to the bath, care should be taken to see that the salt is dry and, if possible, it should be added to a cold bath. It should always be conveyed to the bath in a metal container and not in a sack or other form of combustible container which may accidentally fall into the bath.

Protective clothing is essential; the minimum which should be provided is a head cover with face visor, asbestos apron and asbestos gloves of the gauntlet type. Thorough washing of overalls is necessary to remove nitrate powder and to reduce the risk of burns which may be caused by rapid combustion of impregnated clothing set on fire by molten nitrate splashes.

There is danger of gassing from nitrous fumes when serious local or general overheating occurs or when a bath fails, allowing molten nitrate to come into contact with hot fire bricks or carbonaceous material, or in any fire involving nitrate or nitrite salts. Concentrations of such fumes are often masked by smoke or other fumes. Emphasis is placed on the need for immediate medical attention and continued observation owing to the possibility of delay in the onset of serious lung conditions. It is, however, unlikely that harmful concentrations of nitrate fumes will be produced under normal bath operating conditions.

Safety precautions to be observed in the storage and disposal of nitrate salt, and in the starting-up, electrical heating, and the emptying of nitrate salt baths are discussed. Mention is made of the need to obtain the consent of the local authority before any solution of waste nitrate can be disposed of through the normal drainage system.

Safe operation of nitrate salt baths is not to be expected from persons lacking proper instruction and supervision, and every effort should be made to see that these are provided. The main safety precautions to be observed by persons working at nitrate salt baths are published in a placard—Form 849—obtainable from H.M. Stationery Office, price 1s. (1s. 3d. including postage).

## INTERNATIONAL LABOUR ORGANISATION

### Tripartite Technical Meeting for the Clothing Industry

A Tripartite Technical Meeting for the Clothing Industry was held by the International Labour Organisation in Geneva from 21st September to 2nd October 1964 under the Chairmanship of Mr. W. Claussen (Federal Republic of Germany). Twenty countries were represented.

The United Kingdom was represented by a tripartite delegation. The Government delegates were Mr. Z. T. Claro, M.V.O., O.B.E., Chief Conciliation Officer, Ministry of Labour and Mr. K. G. Sherriff, Grade 2 Officer, Ministry of Labour. The employers' delegates were Mr. R. L. Chambers, Executive Director of the Burton/Jackson Group of Companies (representing the Clothing Manufacturers' Federation of Great Britain) and Mr. R. H. Heaton, Director of the Hosiery and Knitwear Employers' Association. The workers' delegates were Mr. J. E. Newton, General Secretary of the National Union of Tailors and Garment Workers and Mr. G. E. Dearing, General President, National Union of Hosiery Workers. The delegates were accompanied by advisers.

The agenda comprised:

1. General examination of the labour and social problems of the clothing industry.
2. Conditions of work in the clothing industry.
3. Problems arising from fluctuations of employment in the clothing industry.

The Meeting adopted two series of conclusions arising from items 2 and 3 on the agenda.

In its first series of conclusions the Meeting states that the improvement of working conditions is contingent on measures to increase productivity, to provide adequate training, to improve the distribution of garments and to promote their consumption. Minimum standards for working conditions must be established where this has not already been done. The conclusions stress the importance of co-operation between governments, employers and workers in each country to improve conditions of work. Any wages policy should take into account all relevant economic and social factors; the average level of wages in the clothing industry should be raised to that in other manufacturing industries after all relevant factors have been taken into account. The Meeting advocates progressive reduction of hours to a 40-hour five-day week without loss of pay. It considers that where normal weekly hours of work exceed 48 immediate steps should be taken to reduce them to 48.

These conclusions are based on the provisions of the Recommendation concerning Reduction of Hours of Work adopted by the International Labour Conference in 1962. The conclusions contain various suggestions about paid annual holidays and, in particular, say that a minimum of three weeks' annual holiday paid for at a

rate at least equal to average normal weekly earnings should be the aim. The Meeting adopted a resolution calling for the inclusion of an item on the revision of the 1936 Holidays with Pay Convention on the agenda of the 1966 International Labour Conference. Another resolution states that industrial home work in the clothing industry should be abolished except in certain cases. Where it is not practicable to eliminate home work, working conditions and social security standards should, as far as possible, be identical with those in the factory. Other conclusions deal with occupational health and safety, the problems of women with family responsibilities and the protection of young workers and clothing workers employed by contractors.

In its second series of conclusions the Meeting makes suggestions for measures to reduce fluctuations in employment and to minimise fluctuations in production and their effect on workers. Governments should adopt monetary, fiscal, economic and social policies designed to promote a continuously expanding economy and increasing employment. Industry should work in co-operation with governments in studying, formulating and putting into effect measures appropriate to this end. Market research and other techniques should be used to forecast fashion developments so as to help to rationalise the production and distribution of clothing. Steps should be taken to try to level out the demand for the products of the industry and to increase it, by using such methods as consumer research, advertising and fashion parades to stimulate purchases, particularly at times of low demand. Suggestions are made for improving the organisation of the employment market and controlling hours of work and the extent of industrial home work.

The conclusions also state that in order to avoid undue hardship for individual workers during slack periods, employers and workers should co-operate in trying to find ways of ensuring an equitable distribution of work giving due weight to local needs and to the interests of both the undertaking and the workers. Other conclusions deal with job security, severance allowance, guaranteed employment, state and voluntary unemployment insurance schemes, retraining for other industries, employment services, labour management co-operation, further study and investigation and measures for the implementation of the provisions of the conclusions.

The Meeting also adopted a resolution concerning future action by the International Labour Organisation in respect of the clothing industry and another resolution suggesting a further tripartite technical meeting for the industry.

In accordance with usual practice the conclusions and resolutions of the Meeting will be considered by the Governing Body of the International Labour Office.

### International Comparison of Days lost through Industrial Disputes

The yearly figures in the table below have been supplied by the International Labour Office and show the number of days lost through industrial disputes per 1,000 persons employed, in a number of countries including the United Kingdom, in the last

ten years. The industries covered are mining, manufacturing, construction and transport. As the definitions used for these statistics vary from country to country too much significance should not be attached to relatively small differences in the figures.

	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	Average for:		
											5 years (1954-1958)	5 years (1959-1963)	10 years (1954-1963)
Australia*	540	580	630	370	250	200	380	330†	280	300	474	298	386
Belgium ..	290	640	600	2,320	150	440	210	60	160	140‡	800	202	501
Canada ..	680	930	560	630	1,220	310	310	510†	580†	330‡	804	408	606
Denmark§	30	15	1,470	10	20	30	100	3,340	30	40	309	708	508.5
Finland ..	200	160	110	390	60	610	130	50	30	140	184	192	188
France ..	210	460	190	510	160	280	160	330†	220†	770	306	352	329
Federal Republic of Germany	150	80	150	80	50	—	—	—	30	120	102	32	67
India ..	550	870	1,100	850	990	770	770	420†	500†	220‡	872	536	704
Ireland ..	250	420	160	350	360	270	140	590†	330†	880‡	308	442	375
Italy ..	700	350	330	480	470	1,020	540	870†	2,270†	1,150	466	1,170	818
Japan ..	400	380	460	520	520	520	350	440†	350	180‡	456	368	412
Netherlands ..	35	70	110	5	20	10	260	10	—	20	48	60	54
New Zealand ..	65	170	75	80	60	90	100	100	250	140	90	136	113
Norway ..	110	180	1,400	10	40	80	—	570	10	360	348	228	288
Sweden**	10	65	—	20	10	10	10	—	—	10	21	6	13.5
Switzerland ..	25	—	—	—	—	—	—	—	—	50	5	10	7.5
Union of South Africa ..	5	5	10	5	—	10	—	—	—	—	5	10	7.5
United Kingdom††	190	280	150	620	260	420	240	220	450	140	300	294	297
United States‡‡	890	1,100	1,300	630	1,030	2,770	750	650	740	620	990	1,106	1,048

NOTE.—Where no figure is given the number of days lost per 1,000 persons employed is less than five.

\* Including electricity and gas.

† Revised figures (due to revisions of the number of days lost or to more recent employment figures).

‡ Preliminary figure.

§ Manufacturing only.

|| Excluding days lost during general strike of 1st-19th March 1956 (6,900,000 days lost and 423,000 employees involved).

¶ Excluding West Berlin (and the Saar up to 1958).

\*\* All industries included.

†† Owing to changes in industrial classification the figures for 1959-61 are not strictly comparable with those for earlier years.

‡‡ Beginning 1960: including Alaska and Hawaii.

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VOLUME II NUMBER 3 NOVEMBER 1964

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# EMPLOYMENT, UNEMPLOYMENT, ACCIDENT

## AND OTHER STATISTICS

### Contents of this Section

	Page		Page
<b>Employment in Great Britain in August 1964:</b>		Placing Work of Employment Exchanges .. .. .	428
Total Working Population .. .. .	421	Labour Turnover .. .. .	429
Numbers Employed: Industrial Analysis .. .. .	421	Employment in the Coal Mining Industry in August .. .. .	430
Overtime and Short-time in Manufacturing Industries .. .. .	423	Professional and Executive Register .. .. .	430
Indices of Total Weekly Hours Worked and of Average Hours Worked by Operatives in Manufacturing Industries .. .. .	424	Unemployment Benefit .. .. .	430
		Grants under the National Assistance Act .. .. .	430
<b>Unemployment at 14th September 1964:</b>		Unemployed Register: Entitlement to Benefit .. .. .	430
Summary for Great Britain .. .. .	425	Employment of Women and Young Persons: Special Exemption Orders .. .. .	430
Duration of Unemployment .. .. .	425	Insured Persons Absent from Work owing to Sickness or Industrial Injury .. .. .	431
Numbers Unemployed, 1953-1964 .. .. .	425	Disabled Persons (Employment) Acts, 1944 and 1958 .. .. .	431
Regional Analysis, United Kingdom .. .. .	425	Industrial Rehabilitation .. .. .	431
Numbers Unemployed in Principal Towns and Development Districts .. .. .	426	Fatal Industrial Accidents .. .. .	431
Numbers Unemployed: Industrial Analysis .. .. .	427	Industrial Diseases .. .. .	431
		Employment Overseas .. .. .	432

Retail Prices Overseas will be found this month on page 447

## Employment in Great Britain in August

The table below and the table on the next page show the changes in employment in Great Britain between July and August 1964 and in comparable recent periods.

The employment figures for all dates after June 1963 are provisional and subject to revision in the light of more complete information to be derived from the count of National Insurance cards in mid-1964.

### TOTAL WORKING POPULATION

The table below gives changes in the total working population between mid-July and mid-August 1964, together with figures for recent months and for June of each year from 1959. The total working population represents the estimated number of persons aged 15 and over who work for pay or gain, or register themselves as available for such work. It has three components, for which separate figures are given, (1) the numbers in civil employment, (2) the numbers wholly unemployed and (3) the numbers in H.M. Forces and Women's Services. The numbers in civil employment are analysed by broad industrial groups and the figures include employers and persons working on their own account as well as employees. They also include persons temporarily laid off but still on employers' pay-rolls and those unable to work on account of sickness. Part-time workers are counted as full units.

### NUMBERS EMPLOYED: INDUSTRIAL ANALYSIS

The table on the next page gives, for those industries for which comparable figures are available, the numbers employed at mid-August 1963 and June, July and August 1964. The figures relate to all employees except those registered as wholly unemployed, i.e., they include persons temporarily laid off but still on employers' pay-rolls and persons unable to work on account of sickness. They exclude employers and persons working on their own account and are thus different in scope from those given in the table on this page. Satisfactory estimates of monthly changes in the numbers of employers and persons working on their own account cannot be made.

The figures are based primarily on the estimates of the total numbers of employees and their industrial distribution at the middle of each year which have been computed on the basis of the counts of insurance cards. In the case of industries other than coal mining, construction, gas and electricity, use has also been made of the monthly returns rendered by employers under the Statistics of Trade Act 1947. The returns show the numbers on the pay-rolls (including those temporarily laid off and those absent from work owing to sickness, etc.) at the beginning and at the end of the period; the two sets of figures are summarised separately for each industry and the ratio between the two totals is the basis for computing the change in employment during the period. Industries and services which are not covered by employers' returns (or are only partially covered), or for which figures are not available in the same form as those shown, are omitted from the table.

### TOTAL WORKING POPULATION OF GREAT BRITAIN: AUGUST 1964

(Thousands)

Industry or Service	End-June 1959	End-June 1960	End-June 1961	Mid-June 1962	Mid-June 1963	Mid-Aug. 1963	Mid-June 1964	Mid-July 1964	Mid-Aug. 1964	Change July-Aug. 1964
Agriculture and fishing .. .. .	999	983	948	920	906	915	886	890	893	+ 3
Mining and quarrying .. .. .	826	761	731	712	684	678	657	655	654	- 1
Food, drink and tobacco .. .. .	818	821	832	828	820	844	809	822	825	+ 3
Chemicals and allied industries .. .. .	520	531	532	518	513	515	514	515	517	+ 2
Metal manufacture .. .. .	576	619	631	596	592	593	616	618	619	+ 1
Engineering and electrical goods .. .. .	1,938	2,058	2,147	2,182	2,151	2,153	2,202	2,200	2,209	+ 9
Shipbuilding and marine engineering .. .. .	264	252	241	236	212	213	207	208	208	...
Vehicles .. .. .	869	919	898	883	873	870	881	879	879	...
Metal goods .. .. .	519	556	569	560	557	557	576	578	578	+ 2
Textiles .. .. .	851	845	842	806	785	785	791	789	790	+ 1
Clothing and footwear .. .. .	565	582	585	581	563	559	560	558	560	+ 2
Other manufactures .. .. .	1,557	1,628	1,651	1,662	1,649	1,659	1,676	1,680	1,690	+ 10
<b>Total in manufacturing industries .. .. .</b>	<b>8,477</b>	<b>8,811</b>	<b>8,928</b>	<b>8,852</b>	<b>8,715</b>	<b>8,748</b>	<b>8,831</b>	<b>8,843</b>	<b>8,875</b>	<b>+ 32</b>
Construction .. .. .	1,523	1,567	1,617	1,653	1,681	1,688	1,720	1,727†	1,737	+ 10
Gas, electricity and water .. .. .	374	370	379	387	397	399	398	398	399	+ 1
Transport and communication .. .. .	1,672	1,662	1,683	1,688	1,649	1,653	1,617	1,621	1,620	- 1
Distributive trades .. .. .	3,209	3,284	3,312	3,367	3,401	3,432	3,404	3,421	3,454	+ 33
Financial, professional and scientific services					3,000	2,990	3,079†	3,075†	3,075	...
Catering, hotels, etc. .. .. .					685	703	676	688	693	+ 5
Miscellaneous services (excluding catering, hotels, etc.) .. .. .	4,874	4,947	5,060	5,227	5,169	5,161	5,130	5,132	5,132	...
National government service .. .. .	505	502	511	520	537	534	539	539	539	+ 13
Local government service .. .. .	738	741	756	772	802	806	813	813	813	...
<b>Total in civil employment .. .. .</b>	<b>23,197</b>	<b>23,628</b>	<b>23,925</b>	<b>24,098</b>	<b>24,106</b>	<b>24,207</b>	<b>24,250†</b>	<b>24,300†</b>	<b>24,397</b>	<b>+ 97</b>
Males .. .. .	15,308	15,526	15,682	15,769	15,759	15,805	15,801†	15,832†	15,881	+ 49
Females .. .. .	7,889	8,102	8,243	8,329	8,347	8,402	8,449†	8,469†	8,516	+ 47
Wholly unemployed .. .. .	379	290	251	372	461	492	317	312	364	+ 52
Males .. .. .	275	210	184	278	346	362	240	236	269	+ 33
Females .. .. .	104	80	67	94	115	130	77	76	95	+ 19
H.M. Forces and Women's Services .. .. .	565	518	474	442	427	424	424	423	422	- 1
Males .. .. .	550	503	459	425	410	407	408	407	406	- 1
Females .. .. .	15	15	15	17	17	17	16	16	16	...
<b>Total working population .. .. .</b>	<b>24,145</b>	<b>24,436</b>	<b>24,650</b>	<b>24,912</b>	<b>24,994</b>	<b>25,123</b>	<b>24,991†</b>	<b>25,035†</b>	<b>25,183</b>	<b>+148</b>
Males .. .. .	16,137	16,239	16,325	16,472	16,515	16,574	16,449†	16,475†	16,556	+ 81
Females .. .. .	8,008	8,197	8,325	8,440	8,479	8,549	8,542†	8,561†	8,627	+ 66

Note.—Each figure is rounded to the nearest 1,000 and some rounded totals may differ from the sum of the rounded components.  
\* Estimates in these columns are subject to revision in the light of information to be derived from the mid-1964 count of National Insurance cards.  
† Amended figure.



NUMBERS EMPLOYED IN GREAT BRITAIN: INDUSTRIAL ANALYSIS  
(Mid-month)

(Thousands)

Industry	August 1963*			June 1964*			July 1964*			August 1964*																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Mining, etc.													Coal mining	593.5	17.5	611.0	572.6	17.5	590.1	570.0	17.5	587.5	569.3	17.5	586.8	Food, drink and tobacco	470.4	358.6	829.0	454.3	339.8	794.1	461.3	345.2	806.5	464.0	346.3	810.3	Grain milling	32.7	8.4	41.1	31.4	8.1	39.5	31.3	8.1	39.4	31.4	8.0	39.4	Bread and flour confectionery	90.4	61.5	151.9	89.4	61.3	150.7	90.4	61.9	152.3	91.4	62.3	153.7	Biscuits	17.9	36.6	54.5	17.2	33.0	50.2	17.2	33.1	50.3	17.1	33.4	50.5	Bacon curing, meat and fish products	41.5	36.8	78.3	39.3	34.8	74.1	40.2	35.2	75.4	40.7	35.4	76.1	Milk products	23.6	12.5	36.1	22.8	11.8	34.6	22.9	11.9	34.8	22.9	11.6	34.5	Sugar	12.4	9.6	22.0	12.1	9.3	21.4	12.1	9.3	21.4	12.2	9.3	21.5	Cocoa, chocolate and sugar confectionery	40.2	60.5	100.7	39.2	57.2	96.4	39.3	57.4	96.7	39.6	58.8	98.4	Fruit and vegetable products	34.6	49.3	83.9	30.1	41.4	71.5	33.4	45.3	78.7	32.5	43.7	76.2	Animal and poultry foods	16.1	4.5	20.6	15.8	4.6	20.4	15.7	4.5	20.2	15.8	4.6	20.4	Food industries not elsewhere specified	23.1	18.4	41.5	22.8	19.2	42.0	23.0	19.0	42.0	23.3	19.0	42.3	Brewing and malting	79.8	19.7	99.5	77.3	19.1	96.4	77.9	19.4	97.3	78.5	19.5	98.0	Other drink industries	40.3	22.6	62.9	39.8	22.8	62.6	40.5	22.9	63.4	41.2	23.2	64.4	Tobacco	17.8	23.9	41.7	17.1	22.7	39.8	17.4	22.8	40.2	17.4	23.1	40.5	Chemicals and allied industries	371.6	141.5	513.1	369.8	142.0	511.8	370.4	142.3	512.7	371.0	143.7	514.7	Coke ovens and manufactured fuel	16.0	0.5	16.5	16.3	0.5	16.8	16.3	0.5	16.8	16.4	0.5	16.9	Mineral oil refining	26.8	4.1	30.9	25.8	3.9	29.7	25.7	3.9	29.6	25.6	3.8	29.4	Lubricating oils and greases	6.3	2.2	8.5	6.4	2.1	8.5	6.4	2.1	8.5	6.4	2.1	8.5	Chemicals and dyes	172.0	44.8	216.8	168.5	44.2	212.7	168.6	44.2	212.8	168.5	44.7	213.2	Pharmaceutical and toilet preparations	34.3	43.1	77.4	34.2	43.6	77.8	34.2	43.6	77.8	34.2	43.6	77.8	Explosives and fireworks	18.1	9.6	27.7	18.4	10.1	28.5	18.2	10.1	28.3	18.2	10.2	28.4	Paint and printing ink	33.7	13.7	47.4	33.7	13.6	47.3	33.7	13.6	47.3	34.0	13.7	47.7	Vegetable and animal oils, fats, soap, etc.	29.7	13.7	43.4	29.0	13.8	42.8	29.1	13.8	42.9	29.1	13.6	42.7	Synthetic resins and plastics materials	25.8	4.9	30.7	28.4	5.2	33.6	28.6	5.1	33.7	28.6	5.2	33.8	Polishes, gelatine, adhesives, etc.	8.9	4.9	13.8	9.1	5.0	14.1	9.1	5.0	14.1	9.2	5.0	14.2	Metal manufacture	518.8	72.0	590.8	539.7	75.4	615.1	541.8	75.3	617.1	542.3	75.6	617.9	Iron and steel (general)	259.5	24.5	284.0	270.9	24.9	295.8	273.3	25.0	298.3	273.4	25.2	298.6	Steel tubes	44.8	8.4	53.2	45.3	8.5	53.8	45.3	8.5	53.8	45.3	8.5	53.8	Iron castings, etc.	103.7	13.6	117.3	108.5	14.4	122.9	108.0	14.3	122.3	108.2	14.4	122.6	Light metals	45.2	11.0	56.2	46.1	11.4	57.5	46.3	11.4	57.7	46.2	11.3	57.5	Copper, brass and other base metals	65.6	15.4	81.0	68.9	16.2	85.1	68.9	16.1	85.0	68.9	16.2	85.1	Engineering and electrical goods	1,555.3	572.1	2,127.4	1,571.4	604.4	2,175.8	1,570.8	603.3	2,174.1	1,576.1	606.5	2,182.6	Agricultural machinery (exc. tractors)	31.8	4.4	36.2	32.7	4.6	37.3	32.7	4.7	37.4	32.9	4.7	37.6	Metal-working machine tools	81.0	14.2	95.2	79.6	14.2	93.8	79.6	14.4	94.0	80.1	14.5	94.6	Engineers' small tools and gauges	41.3	12.3	53.6	42.7	13.1	55.8	42.7	13.3	56.0	43.1	13.3	56.4	Industrial engines	36.1	6.3	42.4	35.5	6.2	41.7	35.5	6.1	41.6	35.4	6.2	41.6	Textile machinery and accessories	43.1	7.3	50.4	43.3	7.7	51.0	43.3	7.7	51.0	43.6	7.8	51.4	Contractors' plant and quarrying machinery	22.0	3.1	25.1	23.4	3.1	26.5	23.6	3.1	26.7	23.6	3.1	26.7	Mechanical handling equipment	46.7	6.9	53.6	46.6	7.0	53.6	47.1	7.0	54.1	47.1	7.1	54.2	Office machinery	43.0	17.0	60.0	40.8	16.4	57.2	40.7	16.4	57.1	40.7	16.5	57.2	Other machinery	282.8	61.0	343.8	285.7	63.5	349.2	285.1	63.1	348.2	286.1	63.5	349.6	Industrial plant and steelwork	126.4	16.0	142.4	126.9	16.1	143.0	127.3	16.2	143.5	127.5	16.3	143.8	Ordnance and small arms	22.8	6.2	29.0	20.4	5.3	25.7	20.3	5.3	25.6	20.2	5.3	25.5	Other mechanical engineering	165.2	45.7	210.9	171.9	49.5	221.4	172.3	49.4	221.7	173.1	49.6	222.7	Scientific, surgical, etc. instruments	89.9	47.3	137.2	89.5	48.6	138.1	89.0	48.2	137.2	89.5	48.5	138.0	Watches and clocks	7.0	7.9	14.9	6.8	8.0	14.8	6.8	8.0	14.8	6.7	8.0	14.7	Electrical machinery	162.5	54.9	217.4	162.0	57.7	219.7	162.2	57.8	220.0	162.5	58.2	220.7	Insulated wires and cables	41.9	21.8	63.7	42.7	22.4	65.1	42.6	22.3	64.9	42.7	22.3	65.0	Telegraph and telephone apparatus	42.3	30.3	72.6	43.3	31.3	74.6	43.7	31.8	75.5	44.0	32.4	76.4	Radio and other electronic apparatus	147.9	119.8	267.7	151.5	133.5	285.0	151.8	133.1	284.9	152.6	133.6	286.2	Domestic electric appliances	40.4	25.5	65.9	41.8	26.9	68.7	40.2	26.6	66.8	40.0	26.6	66.6	Other electrical goods	81.2	63.7	144.9	84.3	69.3	153.6	84.3	68.8	153.1	84.7	69.0	153.7	Shipbuilding and marine engineering	200.6	11.2	211.8	194.6	11.5	206.1	195.0	11.6	206.6	195.2	11.5	206.7	Shipbuilding and ship repairing	145.7	7.6	153.3	140.6	7.9	148.5	141.3	8.0	149.3	142.1	7.9	150.0	Marine engineering	54.9	3.6	58.5	54.0	3.6	57.6	53.7	3.6	57.3	53.1	3.6	56.7	Vehicles	747.4	115.4	862.8	755.2	118.3	873.5	753.7	118.1	871.8	754.1	118.3	872.4	Motor vehicle manufacturing	391.8	59.2	451.0	410.9	61.8	472.7	410.6	61.8	472.4	411.3	61.9	473.2	Motor cycle, pedal cycle, etc. manufacturing	20.8	8.2	29.0	18.9	7.4	26.3	18.8	7.3	26.1	19.0	7.3	26.3	Aircraft manufacturing and repairing	222.9	37.9	260.8	224.2	39.0	263.2	224.1	38.9	263.0	224.1	39.1	263.2	Locomotives and railway track equipment	51.5	4.2	55.7	46.9	4.2	51.1	46.7	4.3	51.0	46.6	4.3	50.9	Railway carriages and wagons, etc.	56.5	3.6	60.1	56.6	3.7	60.3	56.3	3.7	59.9	56.4	3.6	59.9	Perambulators, hand-trucks, etc.	3.9	2.3	6.2	3.7	2.2	5.9	3.5	2.2	5.7	3.5	2.1	5.6	Metal goods not elsewhere specified	361.4	184.3	545.7	370.9	193.3	564.2	371.8	192.9	564.7	373.7	192.9	566.6	Tools and implements	16.3	7.7	24.0	16.3	8.1	24.4	16.4	8.1	24.5	16.5	8.1	24.6	Cutlery	5.5	5.7	11.2	5.9	5.6	11.5	5.9	5.4	11.3	5.8	5.3	11.1	Bolts, nuts, screw, rivets, etc.	27.4	16.5	43.9	27.5	17.0	44.5	27.5	17.0	44.5	27.6	17.0	44.6	Wire and wire manufactures	32.7	10.1	42.8	33.7	10.1	43.8	33.9	10.1	44.0	34.2	10.2	44.4	Cans and metal boxes	15.3	20.5	35.8	15.6	21.2	36.8	15.9	21.3	37.2	15.9	21.3	37.2	Jewellery, plate and precious metals refining	16.1	12.3	28.4	16.0	12.2	28.2	16.0	12.1	28.1	16.0	12.2	28.2	Other metal industries	248.1	111.5	359.6	255.9	119.1	375.0	256.2	118.9	375.1	257.7	118.8	376.5	Textiles	364.0	412.8	776.8	369.7	411.8	781.5	369.9	410.3	780.2	370.9	410.5	781.4	Production of man-made fibres	33.4	9.3	42.7	35.7	9.6	45.3	35.8	9.6	45.4	35.9	9.6	45.5	Spinning of cotton, man-made fibres, etc.	37.6	62.6	100.2	38.9	62.7	101.6	38.8	62.5	101.3	39.3	62.9	102.2	Weaving of cotton, man-made fibres, etc.	42.1	55.1	97.2	42.6	54.3	96.9	42.6	54.1	96.7	42.9	53.9	96.8	Woolen and worsted	88.8	98.5	187.3	88.2	95.5	183.7	88.2	94.9	183.1	88.2	94.7	182.9	Jute	8.7	17.1	25.8	8.4	17.0	25.4	8.4	17.0	25.4	8.4	16.7	25.1	Rope, twine and net	4.6	6.7	11.3	4.5	6.5	11.0	4.5	6.5	11.0	4.5	6.4	10.9	Hosiery and other knitted goods	37.3	86.0	123.3	38.4	88.9	127.3	38.6	88.9	127.5	38.8	89.4	128.2	Lace	3.7	4.4	8.1	3.6	4.3	7.9	3.6	4.3	7.9	3.6	4.3	7.9	Carpets	22.2	16.7	38.9	22.9	17.0	39.9	23.0	17.0	40.0	23.1	17.1	40.2	Narrow fabrics	7.8	14.2	22.0	8.2	14.3	22.5	8.2	14.3	22.5	8.2	14.2	22.4	Made-up textiles	10.0	19.5	29.5	9.8	18.9	28.7	10.0	18.6	28.6	9.8	18.5	28.3	Textile finishing	49.5	23.2	72.7	49.6	23.1	72.7	49.4	22.9	72.3	49.5	23.0	72.5	Other textile industries	18.3	8.2	26.5	18.5	8.3	26.8	18.5	8.4	26.9	18.5	8.4	26.9	Leather, leather goods and fur	35.5	25.9	61.4	35.7	26.0	61.7	35.8	25.8	61.6	36.0	25.9	61.9	Leather (tanning, etc.) and fellingmongery	22.7	6.5	29.2	22.7	6.4	29.1	22.7	6.4	29.1	22.8	6.5	29.3	Leather goods	8.6	15.0	23.6	9.0	15.4	24.4	9.1	15.2	24.3	9.2	15.2	24.4	Fur	4.2	4.4	8.6	4.0	4.2	8.2	4.0	4.2	8.2	4.0	4.2	8.2	Clothing and footwear	145.2	394.2	539.4	144.9	395.5	540.4	144.6	393.3	537.9	145.0	395.4	540.4	Weatherproof outerwear	7.4	22.3	29.7	7.3	22.9	30.2	7.2	22.6	29.8	7.2	22.5	29.7	Men's and boys' tailored outerwear	33.1	88.5	121.6	33.2
Coal mining	593.5	17.5	611.0	572.6	17.5	590.1	570.0	17.5	587.5	569.3	17.5	586.8																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Food, drink and tobacco	470.4	358.6	829.0	454.3	339.8	794.1	461.3	345.2	806.5	464.0	346.3	810.3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Grain milling	32.7	8.4	41.1	31.4	8.1	39.5	31.3	8.1	39.4	31.4	8.0	39.4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Bread and flour confectionery	90.4	61.5	151.9	89.4	61.3	150.7	90.4	61.9	152.3	91.4	62.3	153.7																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Biscuits	17.9	36.6	54.5	17.2	33.0	50.2	17.2	33.1	50.3	17.1	33.4	50.5																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Bacon curing, meat and fish products	41.5	36.8	78.3	39.3	34.8	74.1	40.2	35.2	75.4	40.7	35.4	76.1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Milk products	23.6	12.5	36.1	22.8	11.8	34.6	22.9	11.9	34.8	22.9	11.6	34.5																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Sugar	12.4	9.6	22.0	12.1	9.3	21.4	12.1	9.3	21.4	12.2	9.3	21.5																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Cocoa, chocolate and sugar confectionery	40.2	60.5	100.7	39.2	57.2	96.4	39.3	57.4	96.7	39.6	58.8	98.4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Fruit and vegetable products	34.6	49.3	83.9	30.1	41.4	71.5	33.4	45.3	78.7	32.5	43.7	76.2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Animal and poultry foods	16.1	4.5	20.6	15.8	4.6	20.4	15.7	4.5	20.2	15.8	4.6	20.4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Food industries not elsewhere specified	23.1	18.4	41.5	22.8	19.2	42.0	23.0	19.0	42.0	23.3	19.0	42.3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Brewing and malting	79.8	19.7	99.5	77.3	19.1	96.4	77.9	19.4	97.3	78.5	19.5	98.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Other drink industries	40.3	22.6	62.9	39.8	22.8	62.6	40.5	22.9	63.4	41.2	23.2	64.4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Tobacco	17.8	23.9	41.7	17.1	22.7	39.8	17.4	22.8	40.2	17.4	23.1	40.5																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Chemicals and allied industries	371.6	141.5	513.1	369.8	142.0	511.8	370.4	142.3	512.7	371.0	143.7	514.7																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Coke ovens and manufactured fuel	16.0	0.5	16.5	16.3	0.5	16.8	16.3	0.5	16.8	16.4	0.5	16.9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Mineral oil refining	26.8	4.1	30.9	25.8	3.9	29.7	25.7	3.9	29.6	25.6	3.8	29.4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Lubricating oils and greases	6.3	2.2	8.5	6.4	2.1	8.5	6.4	2.1	8.5	6.4	2.1	8.5																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Chemicals and dyes	172.0	44.8	216.8	168.5	44.2	212.7	168.6	44.2	212.8	168.5	44.7	213.2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Pharmaceutical and toilet preparations	34.3	43.1	77.4	34.2	43.6	77.8	34.2	43.6	77.8	34.2	43.6	77.8																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Explosives and fireworks	18.1	9.6	27.7	18.4	10.1	28.5	18.2	10.1	28.3	18.2	10.2	28.4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Paint and printing ink	33.7	13.7	47.4	33.7	13.6	47.3	33.7	13.6	47.3	34.0	13.7	47.7																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Vegetable and animal oils, fats, soap, etc.	29.7	13.7	43.4	29.0	13.8	42.8	29.1	13.8	42.9	29.1	13.6	42.7																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Synthetic resins and plastics materials	25.8	4.9	30.7	28.4	5.2	33.6	28.6	5.1	33.7	28.6	5.2	33.8																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Polishes, gelatine, adhesives, etc.	8.9	4.9	13.8	9.1	5.0	14.1	9.1	5.0	14.1	9.2	5.0	14.2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Metal manufacture	518.8	72.0	590.8	539.7	75.4	615.1	541.8	75.3	617.1	542.3	75.6	617.9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Iron and steel (general)	259.5	24.5	284.0	270.9	24.9	295.8	273.3	25.0	298.3	273.4	25.2	298.6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Steel tubes	44.8	8.4	53.2	45.3	8.5	53.8	45.3	8.5	53.8	45.3	8.5	53.8																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Iron castings, etc.	103.7	13.6	117.3	108.5	14.4	122.9	108.0	14.3	122.3	108.2	14.4	122.6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Light metals	45.2	11.0	56.2	46.1	11.4	57.5	46.3	11.4	57.7	46.2	11.3	57.5																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Copper, brass and other base metals	65.6	15.4	81.0	68.9	16.2	85.1	68.9	16.1	85.0	68.9	16.2	85.1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Engineering and electrical goods	1,555.3	572.1	2,127.4	1,571.4	604.4	2,175.8	1,570.8	603.3	2,174.1	1,576.1	606.5	2,182.6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Agricultural machinery (exc. tractors)	31.8	4.4	36.2	32.7	4.6	37.3	32.7	4.7	37.4	32.9	4.7	37.6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Metal-working machine tools	81.0	14.2	95.2	79.6	14.2	93.8	79.6	14.4	94.0	80.1	14.5	94.6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Engineers' small tools and gauges	41.3	12.3	53.6	42.7	13.1	55.8	42.7	13.3	56.0	43.1	13.3	56.4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Industrial engines	36.1	6.3	42.4	35.5	6.2	41.7	35.5	6.1	41.6	35.4	6.2	41.6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Textile machinery and accessories	43.1	7.3	50.4	43.3	7.7	51.0	43.3	7.7	51.0	43.6	7.8	51.4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Contractors' plant and quarrying machinery	22.0	3.1	25.1	23.4	3.1	26.5	23.6	3.1	26.7	23.6	3.1	26.7																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Mechanical handling equipment	46.7	6.9	53.6	46.6	7.0	53.6	47.1	7.0	54.1	47.1	7.1	54.2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Office machinery	43.0	17.0	60.0	40.8	16.4	57.2	40.7	16.4	57.1	40.7	16.5	57.2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Other machinery	282.8	61.0	343.8	285.7	63.5	349.2	285.1	63.1	348.2	286.1	63.5	349.6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Industrial plant and steelwork	126.4	16.0	142.4	126.9	16.1	143.0	127.3	16.2	143.5	127.5	16.3	143.8																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Ordnance and small arms	22.8	6.2	29.0	20.4	5.3	25.7	20.3	5.3	25.6	20.2	5.3	25.5																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Other mechanical engineering	165.2	45.7	210.9	171.9	49.5	221.4	172.3	49.4	221.7	173.1	49.6	222.7																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Scientific, surgical, etc. instruments	89.9	47.3	137.2	89.5	48.6	138.1	89.0	48.2	137.2	89.5	48.5	138.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Watches and clocks	7.0	7.9	14.9	6.8	8.0	14.8	6.8	8.0	14.8	6.7	8.0	14.7																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Electrical machinery	162.5	54.9	217.4	162.0	57.7	219.7	162.2	57.8	220.0	162.5	58.2	220.7																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Insulated wires and cables	41.9	21.8	63.7	42.7	22.4	65.1	42.6	22.3	64.9	42.7	22.3	65.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Telegraph and telephone apparatus	42.3	30.3	72.6	43.3	31.3	74.6	43.7	31.8	75.5	44.0	32.4	76.4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Radio and other electronic apparatus	147.9	119.8	267.7	151.5	133.5	285.0	151.8	133.1	284.9	152.6	133.6	286.2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Domestic electric appliances	40.4	25.5	65.9	41.8	26.9	68.7	40.2	26.6	66.8	40.0	26.6	66.6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Other electrical goods	81.2	63.7	144.9	84.3	69.3	153.6	84.3	68.8	153.1	84.7	69.0	153.7																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Shipbuilding and marine engineering	200.6	11.2	211.8	194.6	11.5	206.1	195.0	11.6	206.6	195.2	11.5	206.7																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Shipbuilding and ship repairing	145.7	7.6	153.3	140.6	7.9	148.5	141.3	8.0	149.3	142.1	7.9	150.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Marine engineering	54.9	3.6	58.5	54.0	3.6	57.6	53.7	3.6	57.3	53.1	3.6	56.7																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Vehicles	747.4	115.4	862.8	755.2	118.3	873.5	753.7	118.1	871.8	754.1	118.3	872.4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Motor vehicle manufacturing	391.8	59.2	451.0	410.9	61.8	472.7	410.6	61.8	472.4	411.3	61.9	473.2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Motor cycle, pedal cycle, etc. manufacturing	20.8	8.2	29.0	18.9	7.4	26.3	18.8	7.3	26.1	19.0	7.3	26.3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Aircraft manufacturing and repairing	222.9	37.9	260.8	224.2	39.0	263.2	224.1	38.9	263.0	224.1	39.1	263.2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Locomotives and railway track equipment	51.5	4.2	55.7	46.9	4.2	51.1	46.7	4.3	51.0	46.6	4.3	50.9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Railway carriages and wagons, etc.	56.5	3.6	60.1	56.6	3.7	60.3	56.3	3.7	59.9	56.4	3.6	59.9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Perambulators, hand-trucks, etc.	3.9	2.3	6.2	3.7	2.2	5.9	3.5	2.2	5.7	3.5	2.1	5.6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Metal goods not elsewhere specified	361.4	184.3	545.7	370.9	193.3	564.2	371.8	192.9	564.7	373.7	192.9	566.6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Tools and implements	16.3	7.7	24.0	16.3	8.1	24.4	16.4	8.1	24.5	16.5	8.1	24.6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Cutlery	5.5	5.7	11.2	5.9	5.6	11.5	5.9	5.4	11.3	5.8	5.3	11.1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Bolts, nuts, screw, rivets, etc.	27.4	16.5	43.9	27.5	17.0	44.5	27.5	17.0	44.5	27.6	17.0	44.6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Wire and wire manufactures	32.7	10.1	42.8	33.7	10.1	43.8	33.9	10.1	44.0	34.2	10.2	44.4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Cans and metal boxes	15.3	20.5	35.8	15.6	21.2	36.8	15.9	21.3	37.2	15.9	21.3	37.2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Jewellery, plate and precious metals refining	16.1	12.3	28.4	16.0	12.2	28.2	16.0	12.1	28.1	16.0	12.2	28.2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Other metal industries	248.1	111.5	359.6	255.9	119.1	375.0	256.2	118.9	375.1	257.7	118.8	376.5																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Textiles	364.0	412.8	776.8	369.7	411.8	781.5	369.9	410.3	780.2	370.9	410.5	781.4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Production of man-made fibres	33.4	9.3	42.7	35.7	9.6	45.3	35.8	9.6	45.4	35.9	9.6	45.5																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Spinning of cotton, man-made fibres, etc.	37.6	62.6	100.2	38.9	62.7	101.6	38.8	62.5	101.3	39.3	62.9	102.2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Weaving of cotton, man-made fibres, etc.	42.1	55.1	97.2	42.6	54.3	96.9	42.6	54.1	96.7	42.9	53.9	96.8																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Woolen and worsted	88.8	98.5	187.3	88.2	95.5	183.7	88.2	94.9	183.1	88.2	94.7	182.9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Jute	8.7	17.1	25.8	8.4	17.0	25.4	8.4	17.0	25.4	8.4	16.7	25.1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Rope, twine and net	4.6	6.7	11.3	4.5	6.5	11.0	4.5	6.5	11.0	4.5	6.4	10.9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Hosiery and other knitted goods	37.3	86.0	123.3	38.4	88.9	127.3	38.6	88.9	127.5	38.8	89.4	128.2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Lace	3.7	4.4	8.1	3.6	4.3	7.9	3.6	4.3	7.9	3.6	4.3	7.9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Carpets	22.2	16.7	38.9	22.9	17.0	39.9	23.0	17.0	40.0	23.1	17.1	40.2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Narrow fabrics	7.8	14.2	22.0	8.2	14.3	22.5	8.2	14.3	22.5	8.2	14.2	22.4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Made-up textiles	10.0	19.5	29.5	9.8	18.9	28.7	10.0	18.6	28.6	9.8	18.5	28.3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Textile finishing	49.5	23.2	72.7	49.6	23.1	72.7	49.4	22.9	72.3	49.5	23.0	72.5																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Other textile industries	18.3	8.2	26.5	18.5	8.3	26.8	18.5	8.4	26.9	18.5	8.4	26.9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Leather, leather goods and fur	35.5	25.9	61.4	35.7	26.0	61.7	35.8	25.8	61.6	36.0	25.9	61.9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Leather (tanning, etc.) and fellingmongery	22.7	6.5	29.2	22.7	6.4	29.1	22.7	6.4	29.1	22.8	6.5	29.3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Leather goods	8.6	15.0	23.6	9.0	15.4	24.4	9.1	15.2	24.3	9.2	15.2	24.4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Fur	4.2	4.4	8.6	4.0	4.2	8.2	4.0	4.2	8.2	4.0	4.2	8.2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Clothing and footwear	145.2	394.2	539.4	144.9	395.5	540.4	144.6	393.3	537.9	145.0	395.4	540.4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Weatherproof outerwear	7.4	22.3	29.7	7.3	22.9	30.2	7.2	22.6	29.8	7.2	22.5	29.7																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Men's and boys' tailored outerwear	33.1	88.5	121.6	33.2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												



## INDICES OF TOTAL WEEKLY HOURS WORKED AND OF AVERAGE HOURS WORKED BY OPERATIVES IN MANUFACTURING INDUSTRIES

Indices have been calculated (1) of the total weekly hours worked and (2) of average hours worked by operatives in manufacturing industries in one week in each month. Both indices have been compiled for manufacturing industry as a whole (excluding ship-building and ship repairing) and also for broad industrial groups within manufacturing industries, but the figures for these groups are likely to be less reliable. A full account of the method of calculation was published on pages 305 to 307 of the August 1962 issue of this GAZETTE.

The index of total hours worked in Table I has been calculated by multiplying an estimate of numbers of operatives at work in a specific week each month by an estimate for the same week of average numbers of hours worked by operatives. In the calculation account is taken of overtime and short-time working, sickness, holidays and of women operatives who work part-time. The figures

of average weekly hours worked per head by full-time operatives, estimated as part of the calculation, are given in index form in Table II.

From May 1961 onwards, indices have been calculated for one week in each month, but prior to that date they could be compiled only for one week in February, April, May, August, October and November. The reference base used in the tables published in this GAZETTE, up to and including September 1963, was the average of these six months in 1958 taken equal to 100. As estimates for all months of the year are now available, the indices have been recalculated on a new reference base—12 monthly average for 1962 = 100. A complete series of both indices to date on the new base and a note on the revision were published on page 404 of the October 1963 issue of this GAZETTE.

Table I.—Index of Total Weekly Hours Worked

(Average 1962 = 100)

—	All manufacturing industries	Engineering, electrical goods, metal goods	Vehicles	Textiles, leather, clothing	Food, drink, tobacco	Other manufacturing	
							1957
1956 .. .. .	104.6	98.6	106.9	119.0	100.1	103.6	
1957 .. .. .	103.9	98.6	104.6	117.7	99.5	103.1	
1958 .. .. .	100.4	96.5	101.6	108.3	100.1	99.6	
1959 .. .. .	100.9	96.3	104.9	108.6	99.1	100.5	
1960 .. .. .	103.9	99.4	107.9	110.1	100.1	104.9	
1961 .. .. .	102.9	101.9	102.9	104.7	100.1	103.7	
1962 .. .. .	100.0	100.0	100.0	100.0	100.0	100.0	
1963 .. .. .	98.2	97.5	99.2	98.2	98.1	98.8	
Week ended:							
1963 July 20*†	94.6	94.0	87.5	91.7	100.7	96.4	
August 17†	82.5	80.8	88.0	79.4	92.0	82.7	
September 14..	101.3	100.0	102.9	100.6	101.8	102.1	
October 19 ..	101.9	101.1	103.1	101.3	102.0	102.5	
November 16*	102.0	101.8	102.5	101.8	100.9	103.3	
December 14..	102.3	102.2	102.7	102.1	100.2	103.5	
1964 January 18 ..	100.7	101.1	101.7	100.7	95.2	102.0	
February 15 ..	101.2	101.8	101.7	101.3	94.4	102.7	
March 21 .. ..	101.5	102.1	101.8	101.4	94.4	103.1	
April 18 .. ..	102.2	102.8	102.9	102.1	95.1	103.8	
May 16*† .. ..	101.9	102.6	102.9	102.1	96.3	103.7	
June 20 .. ..	102.2	103.2	103.3	101.4	96.3	104.0	
July 18† .. ..	96.8	99.1	88.8	92.6	97.0	99.5	
August 15† ..	84.0	84.1	88.8	80.3	88.1	85.1	

Table II.—Index of Average Hours Worked per Head

(Average 1962 = 100)

—	All manufacturing industries	Engineering, electrical goods, metal goods	Vehicles	Textiles, leather, clothing	Food, drink, tobacco	Other manufacturing	
							1957
1956 .. .. .	103.7	103.7	104.1	104.3	102.8	103.8	
1957 .. .. .	103.6	103.5	104.5	104.5	102.7	103.7	
1958 .. .. .	102.5	102.4	103.2	103.0	102.5	102.5	
1959 .. .. .	103.3	102.8	104.9	104.5	102.0	103.2	
1960 .. .. .	102.4	101.7	101.7	104.8	101.7	102.5	
1961 .. .. .	101.0	101.3	100.6	101.1	100.4	101.1	
1962 .. .. .	100.0	100.0	100.0	100.0	100.0	100.0	
1963 .. .. .	99.9	99.6	100.2	100.5	99.9	100.0	
Week ended:							
1963 July 20*	100.5	100.0	100.8	101.1	101.1	100.6	
August 17 ..	100.7	99.9	100.9	100.8	102.3	100.9	
September 14..	100.5	100.0	101.5	101.0	99.9	100.8	
October 19 ..	100.6	100.3	100.8	101.3	99.9	101.0	
November 16*	100.6	100.6	100.4	101.4	99.5	101.1	
December 14..	100.8	100.7	100.7	101.6	100.2	101.2	
1964 January 18 ..	100.2	100.2	100.6	101.1	98.8	100.6	
February 15 ..	100.5	100.6	100.8	101.6	99.0	100.9	
March 21 .. ..	101.0	100.9	101.9	101.8	99.6	101.3	
April 18 .. ..	101.1	101.1	102.2	102.0	99.9	101.4	
May 16*† .. ..	100.3	100.3	101.4	101.6	99.8	100.6	
June 20 .. ..	100.9	101.4	101.9	102.1	99.6	101.3	
July 18 .. ..	101.2	101.5	102.0	102.1	100.8	101.6	
August 15 ..	101.1	101.1	101.7	101.6	101.4	101.6	

Index for All Manufacturing Industries from 1957 §

Month	1957	1958	1959	1960	1961	1962	1963	1964
January ..	—	—	—	—	101.2	98.5	100.7	—
February ..	105.6	104.2	99.2	105.5	103.9	102.8	97.8	101.2
March .. ..	—	—	—	—	102.3	98.0	101.5	—
April .. ..	106.9	103.4	101.5	106.0	106.3	102.4	99.7	102.2
May .. .. .	106.5	103.0	102.4	105.3	105.1	102.7	100.0	101.9
June .. ..	—	—	—	—	106.1	102.4	100.0	102.2
July .. ..	—	—	—	—	93.3	96.6	94.6	96.8
August ..	103.1	98.5	100.1	102.3	101.0	83.4	82.5	84.0
September ..	—	—	—	—	105.4	102.3	101.3	—
October ..	104.5	100.9	105.2	107.1	104.8	101.9	101.9	—
November ..	106.4	101.6	106.1	106.7	104.5	101.3	102.0	—
December ..	—	—	—	—	100.7	102.3	—	—

Index for All Manufacturing Industries from 1957 §

Month	1957	1958	1959	1960	1961	1962	1963	1964
January ..	—	—	—	—	—	99.4	98.4	100.2
February ..	103.1	102.7	101.4	103.6	100.4	100.2	98.4	100.5
March .. ..	—	—	—	—	—	100.2	98.6	101.0
April .. ..	103.5	102.6	103.1	102.1	101.5	100.4	99.4	101.1
May .. .. .	103.7	102.0	103.1	102.1	100.6	100.2	99.8	100.3
June .. ..	—	—	—	—	—	101.4	100.2	100.0
July .. ..	—	—	—	—	—	101.6	100.3	100.9
August ..	104.1	102.4	103.6	102.0	100.9	100.5	100.7	101.1
September ..	—	—	—	—	—	100.8	99.8	100.5
October ..	103.3	102.1	104.0	101.9	100.6	99.5	100.6	—
November ..	103.4	102.4	103.8	101.8	100.5	99.3	100.6	—
December ..	—	—	—	—	—	99.4	100.8	—

\* The indices of total weekly hours worked and of average hours worked from November 1963 onwards have been revised to take account of the April 1964 enquiry into the hours of work of manual workers. Figures for dates after June 1963 are subject to revision in the light of information to be derived from the count of National Insurance cards in Mid-1964. The figures from May 1964 may also be subject to revision when the results of the October 1964 enquiry into the hours of work of manual workers are available.

† In the calculations use is made of information obtained on monthly returns from employers and, from June 1962 onwards, these relate to a week towards the middle instead of at the end of the month. In consequence the indices for July and August 1962, 1963 and 1964 also relate to earlier weeks in the month and, compared with previous years, the indices for July 1962-4 are less affected by holidays, and the indices for August 1962-4 are much more affected. It is estimated that if the indices of total weekly hours worked for manufacturing industry as a whole for July and August 1962-4 had related, as in previous years, to the last full week in the month, the indices for July 1962-4 would have been approximately six points lower, the index for August 1962 approximately 15 points higher and the indices for August 1963-4 approximately 14 points higher.

‡ Week preceding Whitsuntide.

§ Figures for 1956 are shown on page 404 of the October 1963 issue of this GAZETTE.

## YOUR GUIDE TO

### THE CONTRACTS OF EMPLOYMENT ACT 1963

Notes for the Guidance of Employers and Employees

### THE OFFICES, SHOPS AND RAILWAY PREMISES ACT 1963

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## Unemployment at 14th September 1964

### SUMMARY FOR GREAT BRITAIN

The numbers registered as unemployed in Great Britain at 14th September 1964 were:—

—	Men 18 years and over	Boys under 18 years	Women 18 years and over	Girls under 18 years	Total
Wholly unemployed* Temporarily stopped†	224,036 4,761	24,833 75	69,912 1,307	16,636 109	335,417 6,252
Total .. .. .	228,797	24,908	71,219	16,745	341,669
Change since 10th August .. .. .	- 2,336	- 16,005	+ 2,915	- 11,419	- 26,845

At 14th September 38,625 married women were registered as unemployed.

Excluding persons under 18 years of age who had not been in insured employment (i.e., "school-leavers" as defined for the purpose of normal seasonal movement estimates published in the January 1963 issue of this GAZETTE, pages 8 to 10), the number of persons registered as wholly unemployed on 14th September was 314,529, consisting of 236,298 males and 78,231 females.

### NUMBERS UNEMPLOYED: 1953 to 1964

The following table shows the annual average numbers registered as unemployed in Great Britain and the United Kingdom from 1953 to 1963, and the numbers registered in each month of 1964.

### DURATION OF UNEMPLOYMENT

The following table analyses the wholly unemployed\* in Great Britain at 14th September 1964 according to duration of unemployment.

Duration in weeks	Men 18 years and over	Boys under 18 years	Women 18 years and over	Girls under 18 years	Total						
						1953	1954	1955	1956	1957	1958
One or less ..	27,924	5,511	9,824	3,491	46,750						
Over 1, up to 2 ..	16,521	3,754	6,646	2,481	29,402						
Up to 2 .. .. .	44,445	9,265	16,470	5,972	76,152						
Over 2, up to 3 ..	11,873	2,269	4,966	1,664	20,772						
Over 3, up to 4 ..	9,070	1,674	3,955	1,184	15,883						
Over 4, up to 5 ..	7,889	1,365	3,486	853	13,593						
Over 2, up to 5 ..	28,832	5,308	12,407	3,701	50,248						
Over 5, up to 8 ..	16,921	5,807	6,820	3,810	33,358						
Over 8 .. .. .	133,838	4,453	34,215	3,153	175,659						
Total .. .. .	224,036	24,833	69,912	16,636	335,417						

—	Great Britain				Total	United Kingdom total
	Wholly unemployed*		Temporarily stopped†			
	Males	Females	Males	Females		
1953 .. .. .	204,300	115,600	13,900	8,200	342,000	380,000
1954 .. .. .	176,500	95,100	7,900	5,300	284,800	317,800
1955 .. .. .	137,400	75,700	9,300	9,800	232,200	264,500
1956 .. .. .	151,000	78,600	17,800	9,600	257,000	287,100
1957 .. .. .	204,300	90,200	12,300	5,700	312,500	347,200
1958 .. .. .	293,800	116,300	27,600	19,700	457,400	500,900
1959 .. .. .	322,600	121,900	21,200	9,500	475,200	512,100
1960 .. .. .	248,200	97,500	11,600	3,100	360,400	392,800
1961 .. .. .	226,300	85,800	23,300	5,300	340,700	376,800
1962 .. .. .	321,900	110,000	23,000	8,300	463,200	499,900
1963 .. .. .	393,900	126,700	46,300	6,400	573,300	612,300
1964:—						
13th Jan. ..	363,543	114,487	20,120	2,592	500,742	540,353
10th Feb. ..	344,308	111,460	5,955	2,349	464,072	502,877
16th Mar. ..	313					



### NUMBERS UNEMPLOYED IN PRINCIPAL TOWNS AND DEVELOPMENT DISTRICTS

The following table shows, for some principal towns and all areas designated as Development Districts under the Local Employment Act 1960, the numbers of persons registered as unemployed at Employment Exchanges and Youth Employment Offices on 14th September 1964 and the percentage rates of unemployment.

	Numbers of persons on registers at 14th September 1964				Temporarily stopped (inc. in total)	Percentage rate of unemployment*
	Men 18 and over	Women 18 and over	Boys and girls under 18	Total		
<b>Principal Towns (by Region)</b>						
<b>London and South Eastern</b>						
Greater London ..	26,155	6,919	3,421	36,495	66	0.8
Brighton and Hove ..	1,496	286	93	1,875	1	2.0
Chatham ..	538	250	290	1,078	—	1.5
<b>Eastern and Southern</b>						
Bedford ..	218	74	45	337	—	0.7
Bournemouth ..	1,335	281	127	1,743	1	1.7
Cambridge ..	199	26	19	244	—	0.4
Ipswich ..	442	123	74	639	—	1.0
Luton ..	267	51	47	365	—	0.5
Norwich ..	1,170	461	139	1,770	—	1.9
Oxford ..	498	59	57	614	222	0.6
Portsmouth ..	1,596	468	271	2,335	2	1.7
Reading ..	353	116	99	568	2	0.8
Slough ..	348	62	50	460	—	0.5
Southampton ..	1,867	272	289	2,428	—	1.7
Southend-on-Sea ..	653	122	54	829	1	1.5
Watford ..	219	48	63	330	—	0.5
<b>South Western</b>						
Bristol ..	1,976	439	252	2,667	—	1.0
Exeter ..	607	115	60	782	—	1.7
Gloucester ..	353	170	101	624	3	1.2
Plymouth ..	1,118	445	144	1,707	7	1.8
Swindon ..	704	193	107	1,004	—	1.5
<b>Midlands</b>						
Birmingham ..	3,698	1,072	619	5,389	307	0.8
Burton-on-Trent ..	181	92	29	302	—	1.0
Chesterfield ..	680	219	195	1,094	—	1.4
Coventry ..	1,008	569	233	1,810	2	1.0
Derby ..	737	312	163	1,212	—	1.0
Leicester ..	847	176	116	1,139	74	0.6
Mansfield ..	410	172	95	677	23	1.1
Northampton ..	284	57	46	387	—	0.6
Nottingham ..	2,257	520	259	3,036	18	1.2
Oldbury ..	44	13	13	70	6	0.6
Peterborough ..	273	106	70	449	—	0.8
Smethwick ..	156	26	64	246	14	0.6
Stoke-on-Trent ..	1,554	496	292	2,342	43	1.5
Walsall ..	371	130	120	621	1	0.9
West Bromwich ..	164	12	59	235	15	0.5
Wolverhampton ..	500	283	203	986	—	0.9
Worcester ..	237	46	25	308	—	0.7
<b>Yorkshire and Lincolnshire</b>						
Barnsley ..	851	240	175	1,266	51	1.7
Bradford ..	1,258	264	186	1,708	128	1.0
Dewsbury ..	240	54	22	316	3	1.0
Doncaster ..	964	256	395	1,615	29	1.9
Grimsby ..	1,018	163	174	1,355	1	2.1
Halifax ..	358	77	42	477	75	0.9
Huddersfield ..	399	138	51	588	19	0.6
Hull ..	2,269	507	535	3,311	22	2.0
Leeds ..	1,761	389	270	2,420	18	0.9
Lincoln ..	502	151	60	713	—	1.4
Rotherham ..	442	76	184	702	2	1.2
Scunthorpe ..	251	237	217	705	1	1.4
Sheffield ..	1,489	487	241	2,217	32	0.8
Wakefield ..	228	135	70	433	4	0.8
York ..	572	172	141	885	—	1.4
<b>North Western</b>						
Accrington ..	156	59	33	248	6	1.1
Ashton-under-Lyne ..	374	78	54	506	4	1.7
Blackburn ..	547	267	47	861	150	1.6
Blackpool ..	635	137	85	857	7	1.6
Bolton ..	886	148	79	1,113	7	1.4
Burnley ..	410	211	51	672	8	1.6
Bury ..	130	34	13	177	9	0.6
Crewe ..	286	151	92	529	—	1.8
Manchester ..	5,310	702	793	6,805	55	1.4
Salford ..	1,004	173	140	1,317	8	1.1
Oldham ..	803	211	49	1,063	126	1.4
Preston ..	679	316	227	1,222	2	1.4
Rochdale ..	238	52	29	319	20	0.7
St. Helens ..	671	771	204	1,646	14	2.8
Stockport ..	698	198	254	1,150	15	1.4
Warrington ..	315	272	138	725	5	1.2
Wigan ..	794	193	71	1,058	17	2.4
<b>Northern</b>						
Carlisle ..	570	233	106	909	—	2.2
<b>Scotland</b>						
Edinburgh ..	2,767	609	283	3,659	9	1.5
<b>Wales</b>						
Cardiff ..	2,022	364	408	2,794	77	1.8
Newport ..	554	133	217	904	1	1.4
Swansea ..	1,197	373	194	1,764	19	2.7
<b>Development Districts (by Region)</b>						
<b>South Western</b>						
Bideford ..	183	46	21	250	13	3.2
Camborne and Redruth ..	303	96	44	443	1	—
Camelford ..	38	6	12	56	—	2.9
Falmouth ..	291	32	38	361	—	3.8
Gunnislake ..	48	10	—	58	—	8.8
Helston ..	107	28	7	142	—	3.2
Ilfracombe ..	94	12	6	112	—	2.9
Liskeard and Looe ..	110	26	8	144	—	2.9
<b>Development Districts (by Region)—continued</b>						
<b>South Western—continued</b>						
Newquay and Perranporth ..	118	28	15	161	—	2.0
Penzance, St. Ives and St. Mary's ..	384	54	21	459	4	3.5
<b>Yorkshire and Lincolnshire</b>						
Bridlington ..	214	12	25	251	7	2.8
<b>North Western</b>						
Barrow-in-Furness and Dalton-in-Furness ..	429	473	189	1,091	8	3.4
Merseyside and Prescot ..	15,571	3,937	2,858	22,366	79	3.6
Ulverston ..	78	46	11	135	—	2.0
Widnes ..	496	309	72	877	3	4.1
<b>Northern</b>						
Aspatria, Cockermouth, Maryport and Workington ..	548	456	180	1,184	3	4.2
<b>Billingham, Middlesbrough, Redcar, South Bank and Stockton and Thornaby ..</b>	3,418	1,032	1,121	5,571	37	3.2
Bishop Auckland, Crook and Shildon ..	1,065	199	136	1,400	2	4.8
Blyth ..	261	76	102	439	—	3.4
Chester-le-Street, Birtley and Houghton-le-Spring ..	1,002	182	324	1,508	16	4.1
Consett ..	362	74	120	556	2	2.8
Darlington ..	720	170	91	981	7	1.9
Durham ..	618	39	126	783	—	3.0
Guiseborough ..	47	10	—	57	—	2.4
Hartlepool ..	1,108	507	208	1,823	24	4.9
Haswell and Horden ..	437	172	182	791	7	4.3
Loftus ..	71	12	—	83	—	2.1
Prudhoe ..	55	16	19	90	2	2.5
Saltburn ..	125	42	—	167	4	4.3
Searby ..	272	184	92	548	3	3.3
Seaton Delaval ..	93	117	37	247	1	8.6
Spennymoor ..	441	63	142	646	—	4.5
Stanley and Lanchester ..	661	110	128	899	4	4.6
Sunderland, Pallion, Southwick and Washington Station ..	2,944	762	622	4,328	23	4.5
Tyneside ..	7,916	2,101	1,940	11,957	59	3.0
Whitby ..	258	28	23	309	43	5.9
Whitehaven and Cleator Moor ..	753	240	156	1,149	15	4.8
Wingate ..	260	48	—	308	2	3.8
<b>Scotland</b>						
Aberdeen, Inverurie and Stonehaven ..	1,703	653	101	2,457	23	2.5
Anstruther ..	43	34	7	84	10	3.6
Ardrrossan, Dalry, Irvine, Kilbirnie, Kilwinning and Stevenston ..	1,135	785	125	2,045	36	6.1
Bathgate, Broxburn and the Calders ..	691	290	130	1,111	18	3.6
Cumnock ..	338	309	81	728	12	5.1
Dumbarton ..	787	368	117	1,272	—	5.2
Dundee and Broughty Ferry ..	1,779	393	198	2,370	26	2.6
Dunfermline, Burntisland, Cowdenbeath and Inverkeithing ..	952	837	257	2,046	40	4.3
Falkirk, Bo'ness, Bonnybridge, Grangemouth and Linlithgow ..	802	1,096	141	2,039	14	3.3
Glasgow ..	124	45	51	220	14	6.6
Glasgow (inc. Barrhead, Clydebank, Kirkintilloch and Rutherglen) ..	17,255	3,898	1,541	22,694	431	3.8
Greenock and Port Glasgow ..	2,049	1,013	284	3,346	79	7.7
Highlands and Islands ..	3,491	611	549	4,651	398	5.4
Kilsyth ..	192	118	25	335	—	3.9
Kirkcaldy, Glenrothes, Leven and Methil ..	1,189	1,056	203	2,448	53	4.9
Lesmahagow ..	124	48	8	180	—	6.0
North Lanarkshire ..	3,528	2,652	663	6,843	148	4.6
Paisley, Johnstone and Renfrew ..	1,698	791	111	2,600	758	3.4
Peterhead, Fraserburgh, Banff and Buckie ..	764	290	117	1,171	199	4.6
Rothsay ..	122	10	6	138	3	4.8
Sanquhar ..	131	108	23	262	—	10.6
Shotts ..	141	132	18	291	1	4.9
Stranraer ..	276	107	46	429	43	7.1
<b>Wales</b>						
Ammanford, Garnant, Pontardawe and Ystalyfera ..	367	323	150	840	—	5.1
Anglesey ..	566	123	101	790	—	6.4
Caernarvon, Bangor, Blaenau Ffestiniog, Portmadoc and Pwllheli ..	900	177	77	1,154	21	3.7
Llanelli, Burry Port, Gorseinon, Kidwelly, Pontardulais and Tumble ..	608	385	181	1,174	3	2.8
Merthyr Tydfil ..	515	97	64	676	1	2.7
Milford Haven and Pembroke Dock ..	426	147	60	633	—	6.3
Rhondda, Pontyclun and Tonyrefail ..	768	271	166	1,205	1	3.4
Rhyl ..	303	24	31	358	—	2.5
<b>Total, all Development Districts ..</b>	<b>85,666</b>	<b>28,946</b>	<b>14,708</b>	<b>129,320</b>	<b>2,701</b>	<b>3.7</b>

\* Number registered as unemployed expressed as a percentage of the estimated total number of employees (employed and unemployed) at mid-1963.  
† Figures include those for certain adjacent Employment Exchange areas details of which were given on page 500 of the December 1963 issue of this GAZETTE.

### NUMBERS UNEMPLOYED: INDUSTRIAL ANALYSIS: SEPTEMBER 1964

The table below gives an analysis of the numbers of persons registered as unemployed in Great Britain and in the United Kingdom at 14th September 1964, according to the industry in which they were last employed. The analysis is based on the Standard Industrial Classification (1958). Figures are shown for each industry Order and for selected industries or groups of industries within the Orders. Statistics for industries not shown or not separately identified are available on application to Statistics Department, Stats. A.1., Ministry of Labour, Orphanage Road, Watford, Herts.

Industry	Great Britain						United Kingdom (all classes)			
	Wholly unemployed (including casuals)		Temporarily stopped		Total			Males	Females	Total
	Males	Females	Males	Females	Males	Females	Total			
<b>Agriculture, forestry, fishing</b>	<b>7,959</b>	<b>988</b>	<b>956</b>							



## Placing Work of the Employment Exchanges

The table below shows, for the periods ended 5th August 1964 and 9th September 1964, the numbers of persons placed in employment by the Employment Exchanges and Youth Employment Offices in Great Britain, together with the numbers of vacancies remaining unfilled at the end of each period.

	Four weeks ended 5th August 1964		Five weeks ended 9th September 1964		Total number of placings 5th Dec. 1963 to 9th Sept. 1964 (40 weeks)
	Placings	Unfilled vacancies	Placings	Unfilled vacancies	
Men aged 18 and over ..	69,430	123,243	97,400	124,928	781,361
Boys under 18 ..	29,481	57,329	45,296	46,638	190,706
Women aged 18 and over ..	34,450	115,397	48,899	113,612	383,682
Girls under 18 ..	29,162	60,859	37,954	49,576	159,459
<b>Total ..</b>	<b>162,523</b>	<b>357,328</b>	<b>229,549</b>	<b>334,754</b>	<b>1,515,208</b>

The figures of placings exclude engagements of workpeople by employers that were made without the assistance of Employment Exchanges and Youth Employment Offices. They are therefore not comparable with the percentage rates of engagements given in the "Labour Turnover" table published quarterly in this GAZETTE (see next page) which relate to engagements of all kinds during the period in question.

Similarly, the figures of unfilled vacancies represent only the numbers of vacancies notified by employers and remaining unfilled at the specified dates. They do not purport to represent the total numbers of unfilled vacancies. Nevertheless, comparison of the figures for the various dates provides some indication of the change in the demand for labour.

The table below shows the numbers of placings in Great Britain during the five weeks ended 9th September 1964 in each of the industry Orders of the Standard Industrial Classification (1958) and in certain selected industries within the Orders, together with the numbers of vacancies remaining unfilled at 9th September 1964. A regional analysis of the total placings and vacancies remaining unfilled is given at the end of the table.

Industry group	Placings during five weeks ended 9th September 1964					Numbers of vacancies remaining unfilled at 9th September 1964				
	Men 18 and over	Boys under 18	Women 18 and over	Girls under 18	Total	Men 18 and over	Boys under 18	Women 18 and over	Girls under 18	Total
<b>Agriculture, forestry, fishing ..</b>	<b>1,666</b>	<b>1,068</b>	<b>2,898</b>	<b>152</b>	<b>5,784</b>	<b>1,520</b>	<b>1,952</b>	<b>559</b>	<b>435</b>	<b>4,466</b>
Mining and quarrying ..	569	1,474	38	56	2,137	3,450	1,067	69	31	4,617
Coal mining ..	377	1,428	20	8	1,833	3,085	993	37	6	4,121
<b>Food, drink and tobacco ..</b>	<b>3,933</b>	<b>1,254</b>	<b>4,729</b>	<b>1,623</b>	<b>11,539</b>	<b>2,180</b>	<b>930</b>	<b>4,663</b>	<b>1,719</b>	<b>9,492</b>
Chemicals and allied industries ..	1,929	556	872	941	4,298	1,877	798	1,771	853	5,299
Metal manufacture ..	3,495	1,788	465	329	6,077	4,296	1,340	731	395	6,762
Engineering and electrical goods ..	9,653	6,438	4,483	2,760	23,334	19,844	5,245	9,114	3,353	37,556
Engineering, including scientific instruments, etc. ..	6,854	4,504	1,731	1,211	14,300	13,644	3,948	3,572	1,550	22,714
Electrical goods and machinery ..	2,799	1,934	2,752	1,549	9,034	6,200	1,297	5,542	1,803	14,842
Shipbuilding and marine engineering ..	4,039	492	110	50	4,691	2,060	253	79	25	2,417
Vehicles ..	2,927	1,416	580	399	5,322	7,405	930	1,395	372	10,102
Metal goods not elsewhere specified ..	3,705	2,628	1,945	1,043	9,321	4,540	3,004	3,591	1,993	13,128
Textiles ..	1,955	1,139	1,507	2,287	6,888	1,743	1,506	5,705	4,642	13,596
Cotton, linen and man-made fibres (spinning and weaving) ..	490	236	467	364	1,557	577	391	2,050	1,038	4,056
Woolen and worsted ..	421	209	256	339	1,225	354	442	1,318	1,172	3,286
Leather, leather goods and fur ..	273	270	131	162	836	264	391	597	530	1,782
Clothing and footwear ..	521	781	1,775	4,749	7,826	947	1,114	10,122	6,210	18,393
Bricks, pottery, glass, cement, etc. ..	2,306	756	429	306	3,797	1,864	812	1,093	595	4,364
Timber, furniture, etc. ..	2,121	2,004	389	338	4,852	2,544	1,540	871	619	5,574
Paper, printing and publishing ..	1,302	1,073	1,181	1,549	5,105	1,363	1,020	1,971	1,893	6,247
Paper, cardboard and paper goods ..	918	434	779	660	2,791	780	431	1,235	941	3,387
Printing and publishing ..	384	639	402	889	2,314	583	589	736	952	2,860
Other manufacturing industries ..	1,956	677	1,427	787	4,847	1,717	882	2,311	1,034	5,944
<b>Total, all manufacturing industries ..</b>	<b>40,115</b>	<b>21,272</b>	<b>20,023</b>	<b>17,323</b>	<b>98,733</b>	<b>52,644</b>	<b>19,765</b>	<b>44,014</b>	<b>24,233</b>	<b>140,656</b>
<b>Construction ..</b>	<b>25,169</b>	<b>5,608</b>	<b>294</b>	<b>472</b>	<b>31,543</b>	<b>18,518</b>	<b>3,246</b>	<b>552</b>	<b>462</b>	<b>22,778</b>
Gas, electricity and water ..	937	700	114	143	1,894	1,065	398	211	94	1,768
Transport and communication ..	5,344	1,232	683	706	7,965	14,365	1,097	1,845	485	17,792
Distributive trades ..	8,647	7,295	6,584	10,871	33,397	8,922	11,270	14,934	13,480	48,606
Insurance, banking and finance ..	364	553	492	1,888	3,297	1,290	1,101	877	1,246	4,514
Professional and scientific services ..	1,069	922	2,558	1,709	6,258	6,993	1,771	21,546	1,910	32,220
Miscellaneous services ..	9,543	3,957	13,705	3,527	30,732	10,073	4,117	26,008	6,517	46,715
Entertainments, sports, etc. ..	644	226	660	209	1,739	594	309	1,178	192	2,273
Catering, hotels, etc. ..	5,713	564	9,337	707	16,321	3,282	797	13,046	1,342	18,467
Laundries, dry cleaning, etc. ..	487	379	938	582	2,386	341	369	2,116	1,151	3,977
Public administration ..	3,977	1,215	1,510	1,107	7,809	6,088	854	2,997	683	10,622
National government service ..	1,423	486	1,070	558	3,537	3,076	241	1,942	398	5,657
Local government service ..	2,554	729	440	549	4,272	3,012	613	1,055	285	4,965
<b>Grand total ..</b>	<b>97,400</b>	<b>45,296</b>	<b>48,899</b>	<b>37,954</b>	<b>229,549</b>	<b>124,928</b>	<b>46,638</b>	<b>113,612</b>	<b>49,576</b>	<b>334,754</b>

Region	Men 18 and over	Boys under 18	Women 18 and over	Girls under 18	Total	Men 18 and over	Boys under 18	Women 18 and over	Girls under 18	Total
London and South Eastern ..	26,998	10,878	16,460	8,282	62,618	37,125	14,733	40,173	14,666	106,697
Eastern and Southern ..	12,417	5,743	5,063	5,055	28,278	23,432	6,085	17,338	6,257	53,112
South Western ..	5,565	2,480	2,378	2,108	12,531	7,774	2,713	6,237	2,679	19,403
Midlands ..	11,811	7,534	5,000	6,202	30,547	21,919	10,483	15,258	10,724	58,384
Yorkshire and Lincolnshire ..	7,276	5,098	3,755	4,398	20,527	10,151	5,327	9,004	4,688	29,170
North Western ..	14,796	5,670	6,939	4,639	32,044	10,597	3,138	13,979	4,909	32,623
Northern ..	5,597	2,686	2,334	3,340	13,957	3,637	1,181	2,907	1,436	9,161
Scotland ..	8,301	3,119	4,861	2,375	18,656	5,378	1,689	6,282	3,076	16,425
Wales ..	4,639	2,088	2,109	1,555	10,391	4,915	1,289	2,434	1,141	9,779
<b>Great Britain ..</b>	<b>97,400</b>	<b>45,296</b>	<b>48,899</b>	<b>37,954</b>	<b>229,549</b>	<b>124,928</b>	<b>46,638</b>	<b>113,612</b>	<b>49,576</b>	<b>334,754</b>

## Labour Turnover

The table below shows labour turnover rates (per 100 employees) in the manufacturing industries during the four-week period ended 15th August 1964, with separate figures for males and females. The figures are based on information obtained on returns from employers. Every third month they are asked to state, in addition to the numbers employed at the beginning and end of the period, the numbers on the pay-roll at the later of the two dates who were not on the pay-roll at the earlier date. The figures in the last item are adopted as representing engagements during the period, and the figures of discharges and other losses are obtained by adding the numbers engaged during the period to the numbers on the pay-roll at the beginning of the period and deducting from the figures thus obtained the numbers on the pay-roll at the end of the period. It must be borne in mind, however, that the figures of engagements obtained in the way indicated above do not include persons engaged during the period who were discharged or otherwise left their

employment before the end of the same period, and the percentage rates both of engagements and of discharges, etc., in the table below accordingly understate, to some extent, the total intake and wastage during the period. In spite of this limitation, however, the figures enable comparisons to be made between the turnover rates of different industries and also between the figures for different months for the same industry.

It is also important to note that the figures for any industry represent the aggregated totals of the numbers engaged and discharged by firms in the industry. Some of the persons who were discharged or left their employment during the period were probably engaged by other firms in the same industry and the net numbers of engagements and losses of an industry, considered as one unit, will be less in every case than the sum of the figures for the individual firms.

### Labour Turnover Rates in Manufacturing Industries: four weeks ended 15th August 1964

Industry	Number of engagements per 100 employed at beginning of period			Number of discharges and other losses per 100 employed at beginning of period		
	M.	F.	T.	M.	F.	T.
<b>Food, drink and tobacco ..</b>	<b>4.0</b>	<b>5.8</b>	<b>4.7</b>	<b>3.3</b>	<b>5.4</b>	<b>4.2</b>
Grain milling ..	2.9	3.1	2.9	2.5	3.2	2.6
Bread and flour confectionery ..	4.7	5.3	4.9	3.6	4.6	4.0
Biscuits ..	3.1	6.8	5.5	3.3	6.1	5.1
Bacon curing, meat and fish products ..	6.4	6.0	6.2	5.1	5.6	5.3
Milk products ..	4.4	4.1	4.3	4.6	6.5	5.3
Sugar ..	1.7	2.8	2.0	0.7	1.6	0.9
Cocoa, chocolate, etc. ..	3.6	6.6	5.3	2.7	4.1	3.5
Fruit and vegetable products ..	6.7	7.9	7.4	9.1	11.4	10.4
Animal and poultry foods ..	2.0	3.1	2.3	1.3	2.6	1.5
Other food industries ..	4.0	5.6	4.7	2.8	5.5	4.0
Brewing and malting ..	2.8	3.6	3.0	2.1	3.0	2.3
Other drink industries ..	5.1	6.4	5.6	3.4	5.0	4.0
Tobacco ..	1.3	3.9	2.8	1.5	2.7	2.2
<b>Chemicals and allied industries ..</b>	<b>1.8</b>	<b>4.2</b>	<b>2.4</b>	<b>1.6</b>	<b>3.2</b>	<b>2.0</b>
Coke ovens ..	1.5	2.1	1.5	1.1	2.1	1.1
Mineral oil refining ..	0.5	1.3	0.6	0.9	1.8	1.0
Lubricating oils and greases ..	2.9	2.5	2.8	2.8	1.8	2.5
Chemicals and dyes ..	1.5	3.7	1.9	1.5	2.5	1.7
Pharmaceutical preparations, etc. ..	3.6	6.1	5.0	2.6	4.1	3.4
Explosives and fireworks ..	1.0	2.6	1.6	1.0	1.8	1.3
Paint and printing ink ..	2.7	3.6	3.0	2.0	2.6	2.2
Vegetable and animal oils, fats, etc. ..	1.8	3.5	2.4	1.7	5.3	2.8
Synthetic resins and plastics materials ..	1.8	3.2	2.0	1.7	2.4	1.8
Polishes, gelatine, adhesives, etc. ..	3.2	3.8	3.4	2.2	3.8	2.8
<b>Metal manufacture ..</b>	<b>1.9</b>	<b>3.1</b>	<b>2.0</b>	<b>1.8</b>	<b>2.5</b>	<b>1.9</b>
Iron and steel (general) ..	1.5	2.5	1.6	1.5	1.5	1.5
Steel tubes ..	2.2	3.9	2.5	1.6	3.4	1.9
Iron castings, etc. ..	2.7	2.9	2.7	2.5	2.1	2.4
Light metals ..	1.8	3.0	2.0	1.9	3.6	2.2
Copper, brass and other base metals ..	2.3	3.7	2.5	2.4	3.2	2.5
<b>Engineering and electrical goods ..</b>	<b>2.3</b>	<b>3.6</b>	<b>2.7</b>	<b>1.9</b>	<b>3.1</b>	<b>2.2</b>
Agricultural machinery (excluding tractors) ..	2.5	3.9	2.7	1.8	3.3	2.0
Metal working machine tools ..	2.2	3.6	2.4	1.5	2.6	1.7
Engineers' small tools and gauges ..	3.2	3.0	3.2	2.2	2.6	2.3
Industrial engines ..	1.3	3.6	1.6	1.5	2.1	1.6
Textile machinery, etc. ..	2.1	3.1	2.2	1.4	2.4	1.6
Contractors' plant and quarrying machinery ..	1.9	3.9	2.1	1.8	2.2	1.9
Mechanical handling equipment ..	2.5	3.1	2.5	2.4	2.5	2.4
Office machinery ..	2.1	3.4	2.5	2.0	2.7	2.2
Other machinery ..	2.4	3.7	2.6	2.0	3.2	2.2
Industrial plant and steelwork ..	2.7	3.5	2.8	2.6	2.9	2.6
Ordnance and small arms ..	1.2	2.0	1.3	1.4	1.9	1.5
Other mechanical engineering ..	2.7	3.3	2.8	2.2	2.8	2.4
Scientific, surgical and photographic instruments, etc. ..	2.5	3.8	2.9	1.9	3.3	2.4
Watches and clocks ..	1.8	2.5	2.1	1.9	2.6	2.2
Electrical machinery ..	1.7	3.3	2.1	1.6	2.6	1.8
Insulated wires and cables ..	1.8	2.9	2.1	1.4	3.0</	



## Employment in the Coal Mining Industry in August

The statistics given below in respect of employment, etc., in the coal mining industry in August have been compiled by the Ministry of Power from information provided by the National Coal Board.

The following table relates to both National Coal Board mines (which account for over 99 per cent. of employment in the industry) and licensed mines. The figures for the latest month are provisional and figures for earlier months have been revised where necessary.

### Average Number of Wage-earners on Colliery Books (All Mines)—Analysis by Divisions

Division of the National Coal Board	Average numbers of wage-earners on colliery books during 4 weeks ended 22nd Aug. 1964	Increase (+) or decrease (-) compared with the average for	
		4 weeks ended 25th July 1964	4 weeks ended 24th Aug. 1963
Northumberland .. ..	28,600	— 200	— 1,300
Durham .. ..	69,400	— 300	— 5,100
Yorkshire .. ..	109,300	— 100	— 3,300
North Western .. ..	37,900	— 100	— 2,600
East Midlands .. ..	85,100	— 300	— 3,100
West Midlands .. ..	36,700	— 100	— 1,900
South Western .. ..	73,900	— 300	— 4,400
South Eastern .. ..	5,000	Nil	— 200
England and Wales .. ..	445,900	— 1,400	— 21,900
Scotland .. ..	51,800	— 200	— 3,900
Great Britain .. ..	497,700	— 1,600	— 25,800

The following figures of recruitment, wastage, absence and output relate to National Coal Board mines only.

It is provisionally estimated that during the four weeks of August about 3,500 persons were recruited to, and about 4,100 persons left, National Coal Board mines: the numbers on the colliery books thus showed a net decrease of 600, compared with a net decrease of 3,200 during the four weeks of the previous month.

For absence, separate figures are compiled in respect of voluntary absence, for which no satisfactory reason is given, and involuntary absence due mainly to sickness. The figures in the table below represent the numbers of non-appearances, expressed as percentages of the total numbers of possible appearances, in a five-day week.

### Absence Percentage (N.C.B. Mines)

	August 1964	July 1964	August 1963
Coal-face workers:			
Voluntary .. ..	8.58	7.39	9.04
Involuntary .. ..	9.91	9.70	10.52
All workers:			
Voluntary .. ..	6.42	5.48	6.72
Involuntary .. ..	9.45	9.38	10.07

The output per man-shift of face-workers at National Coal Board mines was 96.96 cwt. in August, compared with 101.86 cwt. in the previous month and 93.16 cwt. in August 1963. The output per man-shift calculated on the basis of all workers was 31.30 cwt. in August; for July 1964 and August 1963 it was 33.49 cwt. and 30.51 cwt., respectively.

## Professional and Executive Register

The Professional and Executive Register, which is held at certain Employment Exchanges, operates a specialised placing and information service for persons seeking professional or senior executive posts and for employers seeking persons in these categories.

At 9th September 1964 the total number of persons on the Professional and Executive Register was 21,890, consisting of 20,788 men and 1,102 women (of whom 12,278 and 508, respectively, were in employment). During the period 11th June 1964 to 9th September 1964 the number of vacancies filled was 1,633. The number of vacancies unfilled at 9th September was 8,506.

## Unemployment Benefit

For the period of 13 weeks ended 11th September 1964 expenditure on unemployment benefit in Great Britain (excluding cost of administration) amounted to approximately £9,414,000. During the 13 weeks ended 12th June 1964 the corresponding figure was £12,225,000, and during the 13 weeks ended 13th September 1963 it was £14,878,000.

## Grants under the National Assistance Act

Local Offices of the Ministry of Labour undertake the payment of grants under the National Assistance Act to persons who are required to register for employment and are entitled to these grants. The amount of grants thus paid during the 13 weeks ended 26th September 1964 was £7,005,000. The corresponding amount paid during the 13 weeks ended 27th June 1964 was £7,892,000 and during the 13 weeks ended 28th September 1963 it was £8,534,000.

## Unemployed Register: Entitlement to Benefit

The following table contains an analysis of the numbers registered as unemployed on 10th August 1964. It contains estimates of the numbers receiving unemployment benefit, the numbers receiving unemployment benefit supplemented by national assistance, the numbers receiving national assistance only, and the numbers registered for work but receiving no payment. This analysis is produced quarterly. An article explaining the basis of analysis and commenting on the various categories in the analysis is to be found on page 423 of the issue of this GAZETTE for November 1960, when figures were published in this form for the first time.

	Men	Single women (inc. widowed and divorced)	Married women	Boys and girls	Total
Receiving unemployment benefit only .. ..	94	11	19	5	131
Receiving unemployment benefit supplemented by national assistance .. ..	24	2	—	—	26
Total receiving unemployment benefit .. ..	118	13	19	6	157
Receiving national assistance only .. ..	70	9	2	4	86
Others registered for work .. ..	43	9	16	59	125
Total .. ..	231	31	37	69	369

Note.—Figures have been rounded to the nearest 1,000 and the sum of the constituent items in consequence may differ slightly from the total as shown.

## Employment of Women and Young Persons: Special Exemption Orders

The Factories Act 1961 and related legislation place restrictions on the employment of women and young persons (under 18 years of age) in factories and some other workplaces. However, section 117 of the Factories Act 1961 enables the Minister, subject to certain conditions, to grant exemptions from these restrictions in the case of women and young persons aged 16 or over, by making special exemption orders in respect of employment in particular factories. The following table shows the numbers of women and young persons, as specified in the occupiers' applications, covered by Special Exemption Orders current on 30th September 1964, according to the type of employment permitted.\*

Type of employment permitted by the Orders	Women 18 years and over	Boys over 16 but under 18 years	Girls over 16 but under 18 years	Total
Extended hours† .. ..	41,822	1,857	5,415	49,094
Double day shifts‡ .. ..	23,036	1,194	2,145	26,375
Long spells .. ..	8,101	298	1,387	9,786
Night shifts .. ..	6,039	1,267	—	7,306
Part-time work§ .. ..	8,440	—	—	8,440
Saturday afternoon work .. ..	1,715	33	32	1,780
Sunday work .. ..	3,296	317	328	3,941
Miscellaneous .. ..	3,435	89	66	3,590
Total .. ..	95,884	5,055	9,373	110,312

\* The numbers of workers actually employed on the schemes of hours permitted by these Orders may, of course, vary from time to time.

† "Extended hours" are those worked in excess of the limitations imposed by the Factories Act in respect of daily hours or overtime.

‡ Includes 1,843 persons employed on shift systems involving work on Sundays, or on Saturday afternoons, but not included under those headings.

§ Part-time work outside the hours of employment allowed by the Factories Act.

## Insured Persons Absent from Work owing to Sickness or Industrial Injury

The table below shows the numbers of insured persons in the various Regions of England, in Scotland and Wales, and in Great Britain as a whole, who were absent from work owing to sickness or industrial injury on 15th September 1964 and the corresponding figures for 18th August 1964 and 17th September 1963. The statistics have been compiled by the Ministry of Pensions and National Insurance from claims for sickness or industrial injury benefit under the National Insurance Acts and the National Insurance (Industrial Injuries) Acts, respectively. The principal groups of persons who do not claim these benefits in respect of their incapacity (and who are therefore excluded from the statistics) are (a) a large proportion of those whose incapacity lasts less than four days, (b) civil servants receiving full pay during incapacity, and (c) for sickness benefit only, married women who have chosen not to pay contributions under the main National Insurance scheme.

A relatively small number of claims do not result in the payment of benefit, but, because they indicate certified incapacity for work, such claims are included in the table. Injury benefit is payable in respect of both industrial accidents and prescribed industrial diseases.

Region	Numbers of insured persons absent from work owing to					
	Sickness			Industrial injury		
	15th Sept. 1964	18th Aug. 1964	17th Sept. 1963	15th Sept. 1964	18th Aug. 1964	17th Sept. 1963
London and S. Eastern:						
London and Middlesex .. ..	77.5	73.2	77.9	3.2	3.0	3.0
Remainder .. ..	67.9	65.6	67.7	3.3	3.1	3.2
Eastern .. ..	43.2	41.5	42.4	2.3	2.0	2.1
Southern .. ..	32.9	31.9	32.9	1.7	1.5	1.6
South Western .. ..	49.7	48.0	49.5	2.6	2.2	2.5
Midland .. ..	76.6	73.4	76.9	5.0	4.5	4.6
North Midland .. ..	53.1	50.7	53.8	5.2	4.8	5.5
East and West Ridings .. ..	82.3	79.1	82.7	9.5	9.0	9.6
North Western .. ..	153.7	149.6	152.4	8.8	8.2	8.2
Northern .. ..	68.1	65.0	66.8	8.0	6.9	7.6
Scotland .. ..	112.8	109.3	114.1	8.9	8.5	9.1
Wales .. ..	68.2	67.5	67.9	8.9	8.4	9.1
Total, Great Britain .. ..	886.1	854.9	885.0	67.4	62.0	66.1

Periodical checks of the proportion of males included in the total (Great Britain) figures of persons absent from work have shown a fairly constant level of about 70 or 71 per cent. for absence caused by sickness and about 87 per cent. for absence caused by industrial injury.

The total number of persons shown in the table above as absent owing to sickness on 15th September 1964 represented 4.4 per cent. of the total number of insured persons. The corresponding figure for absences due to industrial injury was 0.3 per cent.

## Disabled Persons (Employment) Acts, 1944 & 1958

The number of persons registered under the Disabled Persons (Employment) Acts, 1944 and 1958, at 20th April 1964 (the last date on which a count was taken) was 655,878, compared with 653,362 at 16th April 1963.

The number of disabled persons on the Register who were unemployed at 14th September 1964 was 48,642, of whom 42,185 were males and 6,457 were females. An analysis of these figures is given in the table below.

	Males	Females	Total
Suitable for ordinary employment .. ..	36,598	5,716	42,314
Severely disabled persons classified as unlikely to obtain employment other than under special conditions* .. ..	5,587	741	6,328
Total .. ..	42,185	6,457	48,642

The number of placings of registered disabled persons in ordinary employment during the five weeks ended 9th September 1964 was 7,285, including 5,934 men, 1,059 women and 292 young persons. In addition there were 165 placings of registered disabled persons in sheltered employment.

\* These persons are excluded from the statistics of unemployed persons on the registers of Employment Exchanges given in the tables on pages 425 to 427.

## Industrial Rehabilitation

The statistics given below of courses at Industrial Rehabilitation Units of the Ministry of Labour and at rehabilitation centres operated by voluntary blind welfare organisations relate to the four weeks ended 7th September 1964.

	Men	Women	Total
Number of persons admitted to courses during period .. ..	917	103	1,020
Number of persons in attendance at courses at end of period .. ..	1,560	193	1,753
Number of persons who completed courses during period .. ..	699	73	772
Number of persons whose courses terminated prematurely (for medical or other reasons) during the period .. ..	164	25	189

Up to 7th September 1964 the total number of persons admitted to these courses was 163,769, including 4,689 blind persons.

## Fatal Industrial Accidents

The following table shows the number of fatal industrial accidents reported in September 1964 with comparable figures for the previous month. The figures are provisional. The figures for seamen relate to those employed in ships registered in the United Kingdom. All other figures relate to Great Britain.

	August 1964	September 1964
Mines under the Factories Act .. ..	54	66
Mines and quarries* .. ..	22	23
Seamen .. ..	10†	10‡
Railway service .. ..	3	16

Detailed figures for process groups are given below for September 1964. The figures under the heading "Factories Act" are based on the Factory Inspectorate Process Classification—see "Guide to Statistics collected by H.M. Factory Inspectorate" published by H.M. Stationery Office, price 4s. (4s. 4d. including postage). The figures are provisional.

Factories Act	August 1964	September 1964
Textile and connected processes .. ..	4	4
Clay, pottery, cement, etc. .. ..	4	4
Metal extraction, refining and conversion .. ..	7	7
Metal casting .. ..	3	3
Metal rolling, drawing, extrusion and forging .. ..	4	4
Miscellaneous metal processes .. ..	1	1
Shipbuilding and repairing .. ..	1	1
Constructional engineering, boiler making .. ..	1	1
Locomotive and railway equipment .. ..	1	1
Non-rail vehicles and aircraft .. ..	1	1
Other machine and metal manufacture and repair .. ..	2	2
Electrical engineering .. ..	2	2
Woodworking processes .. ..	2	2
Miscellaneous chemical manufacture, paint, oil refining, soap .. ..	3	3
Coal gas, coke ovens, patent fuel .. ..	3	3
Wearing apparel .. ..	3	3
Paper and printing .. ..	3	3
Milling .. ..	1	1
Food .. ..	1	1
Electricity generation .. ..	1	1
Rubber .. ..	1	1
Other factory processes .. ..	1	1
Works and Places under s.s. 125 and 127 of Factories Act 1961		
Building operations .. ..	19	19
Works of engineering construction .. ..	4	4
Docks and warehouses .. ..	4	4
TOTAL, FACTORIES ACT .. ..	66	66

Mines and quarries*	Railway service
Coal mines:	Brakesmen and goods guards .. ..
Underground .. .. 16	Engine drivers and motormen .. .. 2
Surface .. .. 1	Firemen .. .. 1
Other stratified mines .. ..	Labourers .. .. 1
Miscellaneous mines .. ..	Mechanics .. .. 1
Quarries .. .. 6	Passenger guards .. .. 1
TOTAL, MINES AND QUARRIES .. .. 23	Permanent-way men .. .. 3
Seamen .. ..	Porters .. .. 1
Trading vessels .. .. 7‡	Shunters .. .. 1
Fishing vessels .. .. 3	Other grades .. .. 2
TOTAL, SEAMEN .. .. 10	Contractors' servants .. .. 4
	TOTAL, RAILWAY SERVICE .. .. 16

## Industrial Diseases

The number of cases and deaths in Great Britain reported during September 1964 under the Factories Act 1961 are shown below. The figures are provisional.

I. Cases	II. Deaths
Lead poisoning .. .. 3	
Aniline poisoning .. .. 7	
Compressed air illness .. .. 1	NIL
Epitheliomatous ulceration .. .. 7	
Chrome ulceration .. .. 16	
TOTAL, CASES .. .. 34	

\* For mines and quarries weekly returns are obtained and the figures cover the 5 weeks ended 29th August 1964 and the 4 weeks ended 26th September 1964.

† Includes 5 deaths caused by the loss of a fishing boat after a collision.

‡ Includes 3 deaths caused by an explosion in a vessel.



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## Employment Overseas

### AUSTRALIA

The Commonwealth Bureau of Census and Statistics estimate that the total number of civilians in employment as wage and salary earners, other than those engaged in rural industries and private domestic service, was about 3,460,800 in June, compared with 3,453,200 (revised figure) in the previous month and 3,313,400 in June 1963. The number of persons receiving unemployment benefit in August is estimated at 14,924, compared with 17,072 in July and 31,869 in August 1963.

### CANADA

The Dominion Bureau of Statistics estimate that the total number in employment at 18th July was 6,967,000, compared with 6,760,000 at 20th June and 6,742,000 at 20th July 1963. Persons wholly unemployed at 18th July are estimated at 265,000 or 3.7 per cent. of the labour force, compared with 282,000 or 4.0 per cent. at 20th June and 293,000 or 4.2 per cent. at 20th July 1963.

### GERMANY

In the Federal Republic (including the Saarland) the number unemployed at the end of August was 94,637, compared with 96,672 at the end of the previous month and 95,805 at the end of August 1963. In the Western Sectors of Berlin the corresponding figures at the same dates were 8,198, 8,727 and 8,438.

### IRISH REPUBLIC

The number of unemployed persons on the live register of Employment Exchanges at 18th September was 38,562, compared with 37,942 at 21st August and 37,279 at 21st September 1963.

### NETHERLANDS

The number of persons wholly unemployed at the end of August was 24,719; this figure included 1,015 persons employed on relief work as well as those in receipt of unemployment benefit. At the end of July the respective figures were 25,930 (revised figure) and 1,285 and at the end of August 1963 they were 25,936 and 1,163.

### NEW ZEALAND

The latest figures available from the Department of Labour give an estimate of the total labour force in April 1964 as 956,500, compared with 934,700 in October 1963 and 938,900 in April 1963. Latest figures on unemployment show that 938 persons were unemployed in June 1964, compared with 775 in May and 1,239 in June 1963.

### NORWAY

The number of persons registered for employment who were wholly unemployed was 5,896 at the end of June, compared with 7,965 in the previous month and 5,562 in June 1963.

### SOUTH AFRICA

Figures published by the Bureau of Census and Statistics show the index of employment in December as 119.6 (revised figure) (1953-54 = 100), compared with 120.8 (revised figure) in the previous month and 115.9 in December 1962. The number of persons registered at Government Employment Exchanges as unemployed is shown as 16,683 in April, compared with 17,389 in March and 21,623 in April 1963.

### SWEDEN

Preliminary information from the Employment Exchanges shows that at the middle of August the total number of persons registered as unemployed was 17,080, compared with 11,914 (revised figure) in July and 15,927 in August 1963. Members of approved insurance societies who were unemployed and included in the total for August numbered 12,203 or 0.8 per cent. of all members, compared with 0.6 per cent. in the previous month and 0.8 per cent. in August 1963.

### SWITZERLAND

The number of registered applicants for employment at the end of August who were wholly unemployed was 130 or 0.1 per 1,000 of the employed population (exclusive of apprentices) according to the census of 1950, compared with 111 or 0.1 per 1,000 at the end of the previous month and 142 or 0.1 per 1,000 at the end of August 1963.

### UNITED STATES OF AMERICA

The Department of Labor estimate that the number of civilians in employment as wage or salary earners in the United States of America (including Alaska and Hawaii) in industries other than agriculture and domestic service was approximately 58,968,000 in July, compared with 59,178,000 (revised figure) in June and 57,422,000 in July 1963. The number of production workers in manufacturing industries in July was 12,814,000, compared with 12,888,000 (revised figure) in June and 12,571,000 in July 1963. They also estimate that the total number of unemployed persons at the middle of July was about 3,813,000 or 5.0 per cent. of the civilian labour force, compared with 4,692,000 or 6.1 per cent. at the middle of the previous month and 4,322,000 or 5.7 per cent. at the middle of July 1963.

## INDEX OF AVERAGE EARNINGS

Index numbers showing the changes in earnings between January 1963 and August 1964 are given in the following table.

The information (except that about agriculture) from which the index has been compiled is obtained from an enquiry into the earnings of weekly-paid and monthly-paid employees undertaken each month by the Ministry of Labour. The enquiry covers about 8,000 firms employing approximately seven million persons in manufacturing, mining and quarrying, construction, gas, electricity and water supply, some miscellaneous services and some branches of the transport industry. A full account of the enquiry was given on page 142 of the April 1963 issue of this GAZETTE. The indices were revised on a new base after the figures for the first 12 months

had been published and an explanation for this was given on page 117 of the March 1964 issue of this GAZETTE.

The figures for agriculture included in the table have been compiled by the Ministry of Agriculture, Fisheries and Food and the Department of Agriculture and Fisheries for Scotland. These figures relate to regular farm workers.

Fluctuations from month to month in the indices, including those for individual industry groups, may be due to the payment of large annual or half-yearly bonuses or to seasonal changes in average hours worked. Until information has been obtained for a longer period, it is not possible to assess the extent of these fluctuations.

Great Britain Employees paid each week\* 1963 Average = 100

Industry group	Jan. 1963	Aug. 1963	Sept. 1963	Oct. 1963	Nov. 1963	Dec. 1963	Jan. 1964	Feb. 1964	Mar. 1964	Apr. 1964	May 1964	June 1964	July 1964	Aug. 1964
<b>Manufacturing industries</b>														
Food, drink and tobacco .. .	96.0	100.1	99.2	99.3	100.7	105.1	99.9	100.9	102.5	102.7	106.0	107.3	108.2	105.9
Chemicals and allied industries .. .	96.1	99.5	101.5	102.0	101.7	102.2	102.8	104.2	104.4	105.7	111.0	112.1	111.7	107.4
Metal manufacture .. .	94.1	100.2	101.7	102.6	103.7	106.7	105.7	107.7	108.4	109.4	109.0	110.7	110.7	110.0
Engineering and electrical goods .. .	96.7	99.4	100.2	101.3	102.6	104.1	106.2	106.8	106.3	108.7	107.9	109.8	109.6	106.9
Shipbuilding and ship repairing .. .	96.9	98.0	100.5	101.5	102.4	102.4	108.9	109.2	108.4	109.6	110.4	115.2	115.1	113.7
Marine engineering .. .	96.5	100.5	101.4	103.7	102.1	106.5	111.1	112.1	110.6	110.6	109.6	117.1	112.6	110.0
Vehicles .. .	95.7	99.8	99.7	101.6	102.9	104.7	107.8	108.6	109.5	109.6	107.1	110.6	109.9	108.6
Metal goods not elsewhere specified .. .	94.7	100.3	101.2	102.5	104.4	103.0	105.2	106.4	106.1	107.9	105.8	111.2	116.3	110.7
Textiles .. .	96.3	100.5	100.5	102.5	102.8	101.0	103.7	104.6	103.8	106.0	103.3	108.9	111.8	106.8
Leather, leather goods and fur .. .	95.1	100.9	101.5	101.8	101.2	100.1	99.1	100.4	102.7	102.8	103.2	105.3	105.7	100.9
Clothing and footwear .. .	95.3	100.1	100.7	102.6	103.8	102.0	104.4	105.8	105.1	106.9	105.9	109.0	111.7	107.6
Bricks, pottery, glass, cement, etc. .. .	92.0	99.7	101.8	103.3	103.3	102.5	104.3	105.0	104.3	107.5	108.0	111.2	110.7	109.7
Timber, furniture, etc. .. .	90.8	100.1	103.6	103.8	105.3	102.9	102.9	104.6	103.8	107.4	107.3	109.3	111.3	109.2
Paper and paper products .. .	95.4	99.9	100.8	103.2	101.6	102.6	103.0	102.6	102.6	103.9	108.4	111.7	108.6	106.6
Printing and publishing .. .	95.3	99.1	101.5	102.1	102.2	99.3	103.0	104.0	105.8	106.0	107.3	107.6	106.6	105.6
Other manufacturing industries .. .	94.0	100.9	101.3	101.6	102.5	103.2	103.3	104.2	103.5	106.2	106.0	109.5	110.3	108.6
<b>All manufacturing industries .. .</b>	<b>95.4</b>	<b>99.8</b>	<b>100.7</b>	<b>101.8</b>	<b>102.8</b>	<b>103.4</b>	<b>105.0</b>	<b>105.9</b>	<b>106.0</b>	<b>107.5</b>	<b>107.3</b>	<b>110.1</b>	<b>110.6</b>	<b>108.0</b>
<b>Other industries and services</b>														
Agriculture .. .	94.7	101.7	108.4	104.3	99.8	100.2	98.3	98.2	99.2	101.9	106.1	107.2	107.4†	113.0‡
Mining and quarrying .. .	95.4	101.1	100.8	101.2	105.3	102.6	102.6	102.6	102.9	102.4	103.4	102.5	101.7	104.9
Construction .. .	90.7	101.7	100.0	100.5	98.0	95.8	99.3	101.5	98.4	105.7	103.8	107.7	107.8	106.4
Gas, electricity and water .. .	99.3	99.9	100.5	100.4	101.0	99.0	99.8	101.3	93.3	104.7	106.1	107.3	109.5	108.0
Transport and communication§ .. .	96.9	101.1	101.4	101.2	100.7	101.2	102.5	103.5	105.2	106.4	106.9	109.2	109.8	109.2
Miscellaneous services   .. .	95.4	99.8	100.0	100.1	101.3	99.3	100.7	102.4	102.6	106.0	109.4	110.3	109.2	105.8
<b>All industries and services covered .. .</b>	<b>95.1</b>	<b>100.3</b>	<b>100.9</b>	<b>101.5</b>	<b>101.9</b>	<b>101.8</b>	<b>103.4</b>	<b>104.4</b>	<b>104.0</b>	<b>106.6</b>	<b>106.5</b>	<b>109.1</b>	<b>109.3†</b>	<b>107.8</b>

Employees paid monthly\*

Industry group	Jan. 1963	Aug. 1963	Sept. 1963	Oct. 1963	Nov. 1963	Dec. 1963	Jan. 1964	Feb. 1964	Mar. 1964	Apr. 1964	May 1964	June 1964	July 1964	Aug. 1964
<b>Manufacturing industries</b>														
Food, drink and tobacco .. .	98.2	96.7	97.8	97.1	98.4	113.8	103.1	101.0	109.7	102.2	100.2	107.6	102.9	102.4
Chemicals and allied industries .. .	99.3	97.2	97.4	97.6	98.2	106.2	102.3	118.0	102.4	100.3	100.5	102.0	100.8	100.4
Metal manufacture .. .	97.4	99.1	98.3	99.3	99.6	106.8	101.0	104.7	104.0	102.3	102.3	104.4	103.6	101.1
Engineering and electrical goods .. .	98.0	98.2	98.1	99.3	100.9	109.2	104.1	103.6	105.2	105.1	105.9	105.9	104.0	102.7
Shipbuilding and ship repairing .. .	93.8	95.2	97.6	97.8	100.5	128.4	106.7	111.7	107.7	104.8	105.3	109.1	103.2	103.7
Marine engineering .. .	98.3	96.8	96.4	97.1	99.6	120.9	102.1	104.1	101.6	101.9	103.7	107.1	102.1	101.6
Vehicles .. .	97.8	100.6	99.4	99.1	100.1	105.7	101.8	101.8	104.1	103.3	103.4	104.6	104.9	103.6
Metal goods not elsewhere specified .. .	97.7	99.3	97.8	96.8	98.5	110.7	101.4	102.9	104.4	101.3	101.0	103.0	108.3	102.8
Textiles .. .	97.7	98.0	98.5	99.8	100.0	106.1	101.2	102.0	105.2	102.3	102.1	104.4	104.2	100.4
Leather, leather goods and fur .. .	92.4	97.2	96.8	100.4	99.3	128.0	110.4	111.9	110.2	110.5	112.9	112.6	108.0	106.0
Clothing and footwear .. .	100.9	96.9	96.1	96.9	97.1	103.6	96.9	102.2	105.1	98.1	97.5	98.5	97.2	97.3
Bricks, pottery, glass, cement, etc. .. .	98.6	97.9	96.8	97.1	98.0	128.4	99.0	101.7	107.9	104.8	105.3	109.1	103.2	101.9
Timber, furniture, etc. .. .	100.9	97.0	101.9	98.0	98.9	109.6	102.5	100.0	103.8	105.6	106.5	107.7	110.7	102.0
Paper and paper products .. .	99.1	96.6	97.1	98.4	100.1	105.1	100.9	103.6	103.4	103.7	105.2	103.3	104.0	102.0
Printing and publishing .. .	98.9	98.9	96.6	97.5	101.4	103.2	100.5	100.0	101.8	99.3	100.5	104.0	102.8	101.8
Other manufacturing industries .. .	97.4	96.5	96.6	97.3	100.5	118.8	105.5	103.1	109.3	103.2	105.1	102.5	103.3	103.3
<b>All manufacturing industries .. .</b>	<b>98.3</b>	<b>98.0</b>	<b>97.9</b>	<b>98.4</b>	<b>99.7</b>	<b>108.6</b>	<b>102.5</b>	<b>105.1</b>	<b>104.8</b>	<b>102.7</b>	<b>103.0</b>	<b>104.8</b>	<b>103.5</b>	<b>102.0</b>
<b>Other industries and services</b>														
Agriculture .. .	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mining and quarrying .. .	97.8	101.7	101.6	100.3	102.3	101.8	102.7	102.7	102.2	102.1	101.9	102.4	102.5	102.5
Construction .. .	96.5	98.3	96.8	98.5	98.5	118.0	100.6	100.5	103.6	102.1	105.9	106.1	105.0	101.9
Gas, electricity and water .. .	97.4	100.6	99.9	99.9	100.2									



# WAGES AND HOURS OF WORK

## Weekly Rates of Wages, Normal Weekly Hours and Hourly Rates of Wages

INDICES FOR 30th SEPTEMBER 1964  
(31st JANUARY 1956 = 100)

At 30th September 1964 the indices of changes in weekly rates of wages, of normal weekly hours and of hourly rates of wages for all workers, compared with a month earlier, were as follows:—

Date	All industries and services			Manufacturing industries only		
	Weekly rates	Normal weekly hours	Hourly rates	Weekly rates	Normal weekly hours	Hourly rates
1964 Aug.	141.3	94.6	149.3	138.8	94.8	146.4
1964 Sept.	141.6	94.6	149.7	138.9	94.8	146.4

Note.—The August figures have been revised to include changes having retrospective effect.

### Index of weekly rates of wages

The index of weekly rates of wages measures the average movement from month to month in the level of full-time weekly rates of wages in the principal industries and services in the United Kingdom compared with the level at 31st January 1956 taken as 100. The representative industries and services for which changes in rates of wages are taken into account and the method of calculation were described on pages 50 and 51 of the issue of this GAZETTE for February 1957. The index is based on the recognised rates of wages fixed by voluntary collective agreements between organisations of employers and workpeople, arbitration awards or wages regulation orders. The percentage increases in the various industries are combined in accordance with the relative importance of the industries, as measured by the total wages bills in 1955, details of the weights for the industry groups being given on page 56 of the issue of this GAZETTE for February 1959. The index does not reflect changes in earnings due to such factors as alterations in working hours, or in the earnings of pieceworkers and other payment-by-results workers due to variations in output or the introduction of new machinery, etc.

### Weekly Rates of Wages

#### I.—All Industries and Services

Date	Men	Women	Juveniles	All workers
1956	104.8	104.2	105.5	104.7
1957	110.0	109.7	111.3	110.0
1958	113.8	114.0	115.8	114.0
1959	116.8	117.0	119.0	117.0
1960	119.7	120.8	123.2	120.0
1961	124.6	125.3	130.3	125.0
1962	129.1	130.3	135.6	129.6
1963	133.6	135.7	141.0	134.3
1963 August	133.8	136.0	141.2	134.5
September	134.0	136.2	141.3	134.7
October	134.0	141.4	142.9	135.0
November	135.0	137.9	142.9	135.8
December	137.0	139.3	144.2	137.7
1964 January	137.4	139.7	144.7	138.1
February	137.6	139.8	144.9	138.3
March	138.0	140.2	145.4	138.7
April	138.5	140.8	146.0	139.2
May	139.0	141.4	146.3	139.7
June	139.7	142.8	147.7	140.5
July	140.2	143.3	148.3	141.1
August	140.4	143.8	148.6	141.3
September	140.6	144.4	149.0	141.6

#### II.—Manufacturing Industries only

Date	Men	Women	Juveniles	All workers
1956	104.9	103.9	104.9	104.7
1957	110.1	109.6	110.6	110.0
1958	113.6	113.6	114.5	113.7
1959	116.5	116.4	117.3	116.5
1960	119.1	120.0	122.7	119.4
1961	123.9	124.3	129.5	124.2
1962	127.4	129.0	134.1	128.0
1963	131.0	133.6	138.2	131.8
1963 August	131.1	133.9	138.3	131.9
September	131.2	134.1	138.5	132.0
October	131.2	134.0	138.4	132.0
November	131.5	135.6	139.6	132.6
December	134.8	137.9	142.1	135.7
1964 January	135.3	138.4	142.6	136.2
February	135.4	138.5	142.8	136.3
March	135.7	138.9	143.0	136.5
April	136.3	139.6	143.7	137.2
May	136.9	140.1	144.1	137.8
June	137.2	141.1	144.9	138.2
July	137.6	142.0	145.5	138.7
August	137.7	142.2	145.6	138.8
September	137.7	142.3	145.7	138.9

#### III.—Industry Groups (all workers)

Date	Agriculture, forestry and fishing	Mining and quarrying	Food, drink and tobacco	Chemicals and allied industries	All metals combined*	Textiles	Leather, goods and fur	Clothing and footwear	Bricks, pottery, cement, etc.
1959	117	118	119	112	117	112	118	115	
1960	120	119	123	115	119	116	121	120	
1961	127	126	128	118	125	121	122	126	
1962	132	129	132	124	127	124	132	131	
1963	138	135	138	131	130	128	131	138	
1963 August	138	137	139	133	129	128	133	140	
September	138	137	139	133	129	129	133	140	
October	138	137	139	133	129	129	133	140	
November	142	137	140	133	130	129	133	141	
December	142	137	140	133	130	129	133	141	
1964 January	143	137	141	134	135	130	133	142	
February	143	137	141	134	135	130	133	142	
March	143	137	142	135	135	130	133	143	
April	143	137	142	135	135	133	133	143	
May	143	137	143	141	135	133	133	143	
June	143	141	144	141	135	133	133	144	
July	143	141	145	142	136	134	136	144	
August	143	141	146	142	136	134	136	144	
September	144	141	146	142	136	134	136	144	

Date	Timber, furniture, etc.	Paper, printing and publishing	Other manufacturing industries	Construction	Gas, electricity and water	Transport and communication	Distributive trades	Professional services and public administration	Miscellaneous services
1959	118	118	112	120	112	115	117	119	118
1960	122	122	115	122	115	121	121	123	120
1961	126	126	120	125	120	125	128	129	125
1962	134	133	128	133	125	129	132	134	132
1963	138	137	135	138	132	135	138	140	137
1963 August	139	137	136	137	134	135	139	140	137
September	139	137	137	137	134	135	139	143	137
October	138	137	137	137	134	135	139	143	139
November	138	137	137	142	134	135	139	144	141
December	139	137	137	142	134	138	139	144	141
1964 January	141	141	137	142	134	139	139	145	141
February	141	141	137	142	136	140	139	145	141
March	141	141	137	144	136	141	140	145	141
April	143	142	138	144	137	141	140	147	143
May	143	143	143	144	137	142	141	147	144
June	143	144	143	144	137	142	144	147	144
July	143	144	144	144	146	142	144	147	144
August	143	144	144	144	146	142	146	147	144
September	143	144	144	144	146	142	148	150	144

\* Including metal manufacture; engineering and electrical goods; shipbuilding and marine engineering; vehicles; metal goods not elsewhere specified.

### Index of normal weekly hours

The index of normal weekly hours measures, for the same representative industries and services, the average movement from month to month in the level of normal weekly hours of work compared with the level at 31st January 1956 taken as 100. The weekly hours for the separate industries are combined in accordance with their relative importance, as measured by the numbers employed

at the base date. The method of calculation was described in more detail on pages 330 and 331 of the issue of this GAZETTE for September 1957 and details of the weights for the industry groups were given on page 56 of the issue of this GAZETTE for February 1959. The index does not reflect changes in actual hours worked, which are affected by changes in the amount of overtime, short-time and absences for other reasons.

### Normal Weekly Hours

#### IV.—All Industries and Services

Date	Men	Women	Juveniles	All workers
1956	100.0	100.0	100.0	100.0
1957	99.9	99.9	99.9	99.9
1958	99.7	99.6	99.8	99.7
1959	99.6	99.5	99.8	99.6
1960	97.9	98.3	98.1	98.0
1961	96.0	95.8	95.9	95.9
1962	95.1	95.1	95.1	95.1
1963	95.0	95.0	95.0	95.0
1963 August	95.1	95.0	95.1	95.1
September	95.0	95.0	95.0	95.0
October	95.0	95.0	95.0	95.0
November	94.9	94.9	94.8	94.9
December	94.9	94.9	94.8	94.9
1964 January	94.9	94.9	94.8	94.9
February	94.8	94.9	94.8	94.8
March	94.8	94.9	94.7	94.8
April	94.8	94.9	94.7	94.8
May	94.6	94.9	94.6	94.7
June	94.6	94.9	94.6	94.7
July	94.6	94.9	94.6	94.6
August	94.5	94.8	94.6	94.6
September	94.5	94.8	94.5	94.6

#### V.—Manufacturing Industries only

Date	Men	Women	Juveniles	All workers
1956	100.0	100.0	100.0	100.0
1957	99.9	100.0	100.0	100.0
1958	99.7	99.9	99.9	99.8
1959	99.6	99.7	99.7	99.6
1960	97.1	97.8	97.5	97.3
1961	95.6	95.2	95.4	95.4
1962	95.2	94.9	95.0	95.1
1963	95.1	94.8	94.9	95.0
1963 August	95.2	94.8	94.9	95.1
September	95.1	94.7	94.9	95.0
October	95.1	94.7	94.9	95.0
November	95.1	94.7	94.9	95.0
December	95.1	94.7	94.8	95.0
1964 January	95.1	94.7	94.8	95.0
February	95.1	94.7	94.8	95.0
March	95.1	94.7	94.8	95.0
April	95.0	94.6	94.7	94.9
May	95.0	94.6	94.7	94.9
June	95.0	94.6	94.7	94.9
July	95.0	94.6	94.7	94.9
August	94.9	94.6	94.7	94.8
September	94.9	94.6	94.7	94.8

### Index of hourly rates of wages

The index of weekly rates of wages does not show any movement when normal weekly hours of work are altered without any corresponding change in weekly rates of wages. The series given in the next tables, which is obtained by dividing the monthly figures

for the index of weekly rates of wages by the corresponding figures for the index of normal weekly hours, is described as the index of hourly rates of wages (see page 133 of the issue of this GAZETTE for April 1958).

### Hourly Rates of Wages

#### VI.—All Industries and Services

Date	Men	Women	Juveniles	All workers
1956	104.8	104.2	105.5	104.7
1957	110.1	109.8	111.4	110.1
1958	114.2	114.4	116.0	114.3
1959	117.3	117.7	119.2	117.4
1960	122.3	122.8	125.6	122.5
1961	129.8	130.7	135.9	130.3
1962	135.7	137.0	142.5	136.2
1963	140.6	142.8	148.4	141.3
1963 August	140.8	143.0	148.6	141.5
September	141.0	143.4	148.7	141.7
October	141.0	143.7	148.8	141.8
November	142.3	145.3	150.7	143.1
December	144.4	146.7	152.1	145.1
1964 January	144.8	147.1	152.6	145.6
February	145.1	147.3	152.9	145.8
March	145.6	147.7	153.4	146.3



## Movements in Rates of Wages and Hours of Work

### Major settlements in September

Agreement has been reached in the engineering and allied industries for a reduction in normal weekly hours of work from 42 to 41 to take effect from 7th December. In the retail multiple footwear trade it has been agreed to reduce normal weekly hours from 44 to 42 as from 5th October, concurrently with the introduction of a five-day week.

On 23rd September the National Joint Industrial Council for Local Authorities' Services (Scotland) agreed to an increase of 7s. a week from 1st November, and on the same day the National Joint Industrial Council for the United Kingdom Atomic Energy Authority reached agreement for increases of 15s. a week for craftsmen and 12s. for labourers effective from the beginning of October. The Joint Industrial Council for the Electrical Cable Making Industry agreed on 29th September to an increase of 10s. 6d. a week from 18th October and to a reduction in normal weekly hours of work from 42 to 40 effective from 5th April 1965. Other industries in which changes have been agreed include asbestos cement manufacture (an increase of 3d. an hour from 6th September) and asbestos textile manufacture (an increase of 3d. an hour from 14th September).

Industries affected by wages regulation orders made during the month include rope, twine and net making (introduction of rates for shift workers from 28th September), keg and drum manufacture (an increase of 2½d. an hour from 2nd October) and sack and bag manufacture (an increase of 2½d. an hour from 30th September).

Cost-of-living sliding-scale adjustments notified during the month include those affecting textile bleaching, dyeing, printing and finishing in Lancashire, Yorkshire, Cheshire, Derbyshire and Scotland, carpet manufacture, iron ore and ironstone mining and quarrying in the Midlands and North Lincolnshire and iron puddling in the Midlands.

The settlements, statutory wages regulation orders and cost-of-living sliding-scale adjustments notified during the month have operative dates from 15th June 1964 to 5th April 1965 and it is estimated that their implementation will add £78,000 to the basic full-time weekly wages of 369,000 workers and will reduce the normal weekly hours of work of 2,551,000 workers by an average of 1 hour. (Increases for approximately 38,000 workers amounting to £15,000 are already included in the table in the adjoining column.)\*

### Changes coming into operation during September

Details have already been given of the settlements affecting asbestos cement manufacture, asbestos textile manufacture, rope, twine and net making and sack and bag manufacture.

Changes in local authorities' services in England and Wales affect manual workers and county council roadmen (an increase of 7s. a week), semi-skilled engineering workers (an increase of 2d. an hour) and engineering craftsmen (an increase of 2½d. an hour). Minimum rates payable under the Wages Council Act have been increased by 12s. or 10s. a week in the retail furnishing and allied trades, in the retail newsagency, tobacco and confectionery trades and in the retail bookselling and stationery trades.

Under an order of the Scottish Agricultural Wages Board minimum rates have been increased by from 6s. to 15s. 6d. a week and for certain workers normal weekly hours of work reduced by an average of two hours. There has also been a reduction, from 42 to 40, in the normal weekly hours of work in the electrical contracting industry without loss of pay.

The industries affected by the cost-of-living sliding-scale increases during the month include footwear manufacture, hosiery manufacture in the Midlands and newspaper printing in London and Manchester.

## CHANGES IN RATES OF WAGES COMING INTO OPERATION DURING SEPTEMBER

(NOTE.—The figures in brackets below an item in the column headed "District" relate to the page in the volume "TIME RATES OF WAGES AND HOURS OF WORK, 1ST APRIL 1964," on which details for the industry at that date are given.)

Industry	District (see also note at beginning of table)	Date from which change took effect	Classes of workers	Particulars of change
Agriculture	Scotland . . . . . (2-3) (258)	7 Sept.	Male workers employed by the week or longer, except as specified below	Increases of 9s. a week for workers 20 and over, and of proportional amounts for younger workers. Minimum rates after change: workers 20 and over 195s. a week, younger workers 84s. 3d. at 15 rising to 165s. 6d. at 19 and under 20.†
			Male workers employed wholly or mainly as shepherds, grieves, stockmen, horsemen and tractormen	Increases of 6s. to 15s. 6d. a week, according to occupation, for workers 20 and over, and of proportional amounts for younger workers. Minimum rates after change: shepherds in charge of a breeding or hill stock and grieves 20 and over 223s. 9d. a week, other shepherds and stockmen 218s. 9d., younger workers 93s. 3d. at 15 rising to 187s. at 19 and under 20, horsemen and tractormen 212s. 3d., 90s. to 181s.‡
			Female workers employed by the week or longer, except as specified below	Increases of 6s. 9d. a week for workers 21 and over, of 6s. 3d. for those 18 and under 21, and of proportional amounts for younger workers. Minimum rates after change: workers 21 and over 148s. 3d. a week, younger workers 84s. at 15 rising to 136s. at 18 and under 21.‡

\* The statistics relate to wage-earners only and the monetary amounts represent the increase in basic rates only and not the total increase in the wages bill. The estimates are based on normal conditions of employment and do not take into account the effect of short-time or overtime.

† Workers who are affected by two or more changes during the period are counted only once in this column.

‡ These increases took effect under an Order made under the Agricultural Wages (Scotland) Act. See pages 374 and 400 of the September issue of this GAZETTE, and also under "Changes in Hours of Work".

Estimates of the effect of changes coming into operation during September show that 962,000 workers received increases of £355,000 in their basic full-time weekly rates of wages and 88,000 had their normal weekly hours reduced by an average of two hours. Of the total increase of £355,000, about £162,000 resulted from statutory wages regulation orders, £149,000 from arrangements made by joint industrial councils or similar bodies established by voluntary agreements, £42,000 from cost-of-living sliding-scale adjustments and the remainder from direct negotiation between employers' associations and trade unions.

### Analysis of changes during the period January—September

The following table shows, by industry group, the numbers of workers affected (a) by increases in basic full-time weekly rates of wages and the aggregate amounts of such increases, and (b) by reductions in normal weekly hours of work and the aggregate amounts of such reductions.

Industry group	Basic full-time weekly rates of wages		Normal weekly hours of work	
	Approximate number of workers affected by net increases†	Estimated net amount of increase* £	Approximate number of workers affected by reductions	Estimated amount of reduction in weekly hours
Agriculture, forestry, fishing	91,000	57,300	83,500	107,700
Mining and quarrying . . . . .	332,500	143,800	—	—
Food, drink and tobacco . . . . .	455,500	196,700	184,000	214,500
Chemicals and allied industries	213,000	116,500	1,000	1,000
Metal manufacture . . . . .	215,000	54,900	—	—
Engineering and electrical goods	72,500	55,300	—	—
Shipbuilding and marine engineering . . . . .	65,000	40,900	—	—
Vehicles . . . . .	142,500	70,100	25,000	31,100
Metal goods not elsewhere specified . . . . .	121,000	56,500	7,000	3,400
Textiles . . . . .	564,000	243,800	21,000	28,700
Leather, leather goods and fur . . . . .	20,000	7,800	20,000	20,000
Clothing and footwear . . . . .	267,000	187,900	—	—
Bricks, pottery, glass, cement, etc. . . . .	193,500	112,000	—	—
Timber, furniture, etc. . . . .	174,000	71,100	103,000	103,600
Paper, printing and publishing	413,000	224,000	—	—
Other manufacturing industries	144,500	81,300	7,000	4,200
Construction . . . . .	1,387,500	201,200	282,500	288,300
Gas, electricity and water . . . . .	246,500	274,100	—	—
Transport and communication	656,000	383,400	97,000	195,900
Distributive trades . . . . .	1,399,000	717,500	51,500	103,400
Public administration and professional services . . . . .	795,500	294,600	—	—
Miscellaneous services . . . . .	448,500	206,400	—	—
Total . . . . .	8,417,000	3,797,100	882,500	1,101,800

Included in the above table are about 762,000 workers who had both wage increases and reductions in normal weekly hours of work.

In the corresponding months of 1963, about 6,421,000 workers had a net increase of approximately £2,270,000 in their basic full-time weekly rates of wages and approximately 140,000 workers had an aggregate reduction of about 214,000 hours in their normal weekly hours of work.

### Changes in holidays with pay

In the cinema theatre industry service holidays have been extended to give three weeks' holiday after ten years. From 1st December holidays in the electrical cable making industry will be increased by one day, with further annual increases to reach three weeks' holiday by 1968, whilst workers in the building brick and allied industries receive one extra day from 1st October.

## Changes in Rates of Wages Coming into Operation during September—continued

Industry	District (see also note at beginning of table)	Date from which change took effect	Classes of workers	Particulars of change
Agriculture (continued)	Scotland . . . . . (2-3) (258) (continued)	7 Sept.	Female workers employed wholly or mainly as stockwomen, poultrywomen, dairymaids, horsewomen and tractorwomen	Increases of 7s. 3d. or 3s. 3d. a week, according to occupation, for workers 21 and over, of 6s. 6d. or 3s. for those 18 and under 21, and of proportional amounts for younger workers. Minimum rates after change: stockwomen, poultrywomen and dairymaids 21 and over 168s. 9d. a week, other female workers 92s. 9d. at 15 rising to 152s. 6d. at 18 and under 21, horsewomen and tractorwomen 163s. 6d., 89s. 3d. to 148s.*†
			Male and female workers employed by the day or hour as part-time workers	Increases of 2½d. an hour for men 20 and over, of 2d. for women 21 and over, and of proportional amounts for younger workers. Minimum rates after change: male workers 1s. 11½d. an hour at 15 rising to 4s. 6d. at 20 and over, female workers 1s. 11½d. at 15 rising to 3s. 5½d. at 21 and over.*†
Baking	England and Wales	30 Aug.	Workers employed by Co-operative Societies	Increases in minimum rates of 15s. 9d. a week for men 18 and over, of 12s. 3d. for women 18 and over, and of 10s. 6d. for younger workers. Minimum rates after change: men 21 and over—foremen, Metropolitan area 271s. 7d. a week, Provinces 260s. 7d., foremen despatch and first hands 258s. 7d., 249s. 7d., doughmakers, confectionery mixers and ovenmen 251s. 3d., 242s. 3d., divider hands 243s. 11d., 234s. 11d., confectioners 240s. 3d., 231s. 3d., table hands, plant operatives, chargehands (packing and despatch dept.) and slicing and wrapping operatives 236s. 7d., 227s. 7d., bakery workers 229s. 3d., 220s. 3d., other workers 225s. 10d., 216s. 7d., youths and boys 109s. 2d. or 107s. 2d. at 15 rising to 219s. 7d. or 216s. 7d. at 20½ and under 21; women 21 and over—forewomen 207s. 3d., 200s. 3d., first hands 196s. 3d., 189s. 3d., ovenwomen 188s. 11d., 181s. 11d., confectioners 181s. 7d., 174s. 7d., chargehands (packing and despatch dept.) 179s. 9d., 172s. 9d., bakery workers 170s. 7d., 163s. 7d., other workers 168s. 5d., 159s. 11d., girls 107s. 4d. or 105s. 4d. at 15 rising to 162s. 11d. or 159s. 11d. at 20½ and under 21.
Milk products manufacture	Scotland . . . . .	Pay day in week ending 4 July	All workers . . . . .	Increases of 8s. a week for men 21 and over, of 7s. for women 21 and over, and of proportional amounts for younger workers. General minimum time rates after change: men 21 and over—principal buttermakers and cheesemakers 219s. a week, second cheesemakers 211s. 6d., principal milk receivers 216s. 6d., creamery engineers 221s. 6d., boilermen 213s. 6d., other workers 208s., younger male workers 93s. at 15 rising to 182s. at 20 and under 21; female workers 81s. at 16 rising to 154s. at 21 and over.
Aerated waters manufacture	Northern Ireland . . . . . (261)	15 Sept.	All workers . . . . .	Increases in general minimum time rates of 13s. 8d. a week for foremen, forewomen or syrup makers, of 12s. 11d. for other male workers 21 and over, of 9s. 1d. for other female workers 19 and over, and of proportional amounts for younger workers. General minimum time rates after change: foremen, forewomen or syrup makers 196s. 2d. a week, other male workers 64s. 5d. at 16 rising to 185s. 8d. at 21 and over, other female workers 64s. 5d. at 16 rising to 130s. 5d. at 19 and over.†‡
Gelatine and glue manufacture	Great Britain (43)	First full pay period beginning on or after 15 Sept.	All workers . . . . .	Increases of 3d. an hour for men 21 and over, of 2½d. for women 21 and over, and of proportional amounts for younger workers. National minimum rates after change: male workers—day workers 1s. 11d. an hour at 15 rising to 4s. 6½d. at 21 and over, shift workers 21 and over, 3-shift system 4s. 11d., 2-shift system 4s. 10d., women 21 and over on men's work 3s. 4d. during first month, 3s. 6½d. thereafter, other female workers 1s. 10½d. at 15 rising to 3s. 4d. at 21 and over. Rates for London (within a 15-mile radius of Charing Cross) are 1d. an hour higher for men, and ½d. an hour higher for all other workers.
Iron and steel manufacture	Midlands and parts of South Yorks. and South Lancs.‡ (45)	27 Sept.	Workers other than maintenance workers, employed at iron puddling furnaces and iron and steel rolling mills and forges	Cost-of-living bonus payment increased   by 2-34d. a shift (11s. 1-55d. to 11s. 3-89d.) for men and women 21 and over, by 1-76d. (8s. 4-16d. to 8s. 5-92d.) for workers 18 and under 21, and by 1-17d. (5s. 6-78d. to 5s. 7-95d.) for those under 18.
Surgical instrument and equipment manufacture	England (excluding Sheffield) and Wales (54)	15 June¶	Male workers . . . . .	Increases in basic minimum time rates of 3½d. an hour for skilled workers 23 and over, of 3d. for semi-skilled, of 2½d. for unskilled, and of proportional amounts for apprentices and learners under 23; increase in current piecework prices of 5 per cent., with a minimum guaranteed rate of 6s. 7d. (previously 6s. 3d.) per hour per job. Basic minimum time rates after change: skilled workers 23 and over 5s. 11d. an hour, semi-skilled 5s. 5d., unskilled 4s. 8½d.
Nylon yarn production	Pontypool, Doncaster and Gloucester	13 Apr.**	Craftsmen employed by British Nylon Spinners Ltd.	Increases of 4d. an hour for craftsmen, and of proportional amounts for semi-skilled craft workers and apprentices. Rates after change: craftsmen 6s. 5½d. an hour, semi-skilled workers 5s. 3½d. to 6s. 1½d., according to grade, apprentices 2s. 3½d. to 5s. 4d., according to year of apprenticeship.
Flax spinning and weaving	Northern Ireland . . . . . (77)	3 Aug.	Maintenance workers	Increase of 5 per cent. Rates after change: skilled workers 264s. 7d. a week, semi-skilled 229s. 6d.††
Rope, twine and net making	Great Britain (88) (260)	28 Sept.	Shift workers . . . . .	New general minimum time rates and piecework basis time rates fixed as follows:—general minimum time rates—net section, male workers when employed on day shifts 2s. 4½d. an hour at 16 rising to 4s. 9d. at 21 or over, when employed on night shifts 3s. 10½d. at 18 rising to 5s. 0½d. at 21 or over, female workers on day shifts 2s. 0½d. at 16 rising to 3s. 5½d. at 18 or over; other sections—male workers 2s. 4½d. to 4s. 9½d., 3s. 10½d. to 5s. 1½d., female workers 2s. 0½d. to 3s. 5½d.; piecework basis time rates—net section, male workers on day shifts 4s. 10½d., on night shifts 5s. 2½d., female workers employed on man-made fibres of continuous filament 3s. 1½d., on other fibres 3s. 6d., other sections, male workers 4s. 10½d., 5s. 2½d., female workers 3s. 6½d.‡‡
Hosiery manufacture	Midlands . . . . . (91)	First pay day in Sept.	All workers . . . . .	Cost-of-living bonus   increased by ½d. in the shilling (10d. to 10½d.) on basic wages.§§
	Nottingham and district	First pay day in Sept.	Male knitters employed in the shawl and antimacassar section of the hosiery and knitwear industry	Increase   of 2½ per cent. (22½ to 25 per cent.) on the total of basic earnings and static bonus.
Made-up textiles	Great Britain (95) (259)	4 Sept.	All workers . . . . .	Increases in general minimum time rates of 4d. an hour for men 21 and over and women 18 or over employed in specified occupations, of 3½d. for other women 18 or over, and of proportional amounts for younger workers; increases in piecework basis time rates of 4½d. or 4d., according to occupation, for male workers, and of 4d. for female workers; foremen and forewomen no longer included in the specified occupations. General minimum time rates after change: men 21 and over in specified occupations 4s. 6d. an hour, other male workers 1s. 10d. at 16 rising to 4s. 0½d. at 21 or over, women 18 or over in specified occupations 3s. 3d., other female workers 1s. 9½d. at 16 rising to 3s. at 18 or over; piecework basis time rates, male workers 4s. 11d. or 4s. 5d., according to occupation, female workers 3s. 6½d. or 3s. 3½d.¶¶

\* These increases took effect under an Order made under the Agricultural Wages (Scotland) Act. See pages 374 and 400 of the September issue of this GAZETTE.

† See also under "Changes in Hours of Work".

‡ These increases took effect under an Order made under the Wages Councils Act (Northern Ireland). See page 444 of this GAZETTE.

§ Agreements of the Midland Iron and Steel Wages Board.

¶ Under sliding-scale arrangements based on the official index of retail prices.

†† These increases were agreed in September with retrospective effect to the date shown.

\*\* These increases were agreed in July with retrospective effect to the date shown.

††† The rate for semi-skilled workers includes an increase, not previously published, of 7s. 10d. a week operative from 1st January 1964. It has also been agreed that from 4th January 1965 there will be a further increase of 5 per cent.

‡‡ These increases took effect under an Order made under the Wages Councils Act. See page 444 of this GAZETTE.

§§ Cost-of-living bonus now related to new official index of retail prices (Jan. 1962=100), and varies by ½d. in the shilling on basic wages subject to a maximum increase of 8s. a week for males and 5s. for females when bonus is over 10d. in the shilling; the amount quoted above relates to the range 104-2—106-7 on the scale.

|||| Cost-of-living bonus now related to new official index of retail prices (Jan. 1962=100) and calculated on a six-monthly average to fluctuate by 2½ per cent.; the percentage quoted relates to the range 105-9—108-0 on the scale.

¶¶ These increases took effect under an Order made under the Wages Councils Act. See page 400 of the September issue of this GAZETTE.



## Changes in Rates of Wages Coming into Operation during September—continued

Industry	District (see also note at beginning of table)	Date from which change took effect	Classes of workers	Particulars of change
Sack and bag manufacture	Great Britain (260)	30 Sept.	All workers	Increases in general minimum time rates of 2½d. an hour for men 21 or over, of amounts ranging from 1½d. to 2½d., according to age, for younger male workers, of 2½d. for women 18 or over, and of 1½d. or 1¾d. for younger female workers; increase in piecework basis time rates of 2½d. an hour for female workers of all ages. General minimum time rates after change: men 21 or over employed in certain specified occupations 4s. 1d. an hour (4s. 0½d. during first 6 months for new entrants), all other male workers 1s. 10½d. at under 16 rising to 3s. 10½d. at 21 or over (for new entrants 18 or over, during first 2 months, ½d. an hour less than the minimum rate otherwise payable); women 18 or over employed in certain specified occupations 2s. 11½d. (2s. 10½d. during first 6 months for new entrants), all other female workers 1s. 10½d. at under 16 rising to 2s. 10d. at 18 or over (for new entrants 16 or over, during first 2 months, ½d. an hour less than the minimum rate otherwise payable); piecework basis time rate for female workers in specified occupations 3s. 1d., all other female workers 2s. 11½d.*
Hosiery finishing	Midlands (various districts) (99)	First pay day after 1 May	All workers	Cost-of-living agreement revised with previous time rates, target figures, lieu payments, overtime and shift rates consolidated at 117½ per cent., and in addition time rates increased. Rates after change, exclusive of cost-of-living bonus† of 4 per cent.: time rates—men 20 and over, trimmers 5s. 4½d. an hour, dyers, bleachers and scourers 5s. 2d., auxiliary dry workers 5s., women 19 and over, auxiliary workers 3s. 5d., menders 3s. 8d.; piece target figures—trimmers 7s. 2½d., male wet workers 6s. 4½d., male dry workers 5s. 6½d., female menders 4s. 1½d., female auxiliaries 3s. 9½d. Compensatory payments for double-day shift workers increased to 7½d. and 9½d. an hour extra for all hours worked on first and second shifts respectively.
		First pay day in Sept.	All workers	Increase‡ of 2 per cent. (4 to 6 per cent.) in the cost-of-living bonus paid as a percentage addition on gross wages. Where gross wages exceed £15 a week, the bonus in excess of 4 per cent. is limited to 6s.
Asbestos textile manufacture	Great Britain (100)	14 Sept.	All workers	Increases of 3d. an hour for men 21 and over, of 2½d. for women 18 and over, and of proportional amounts for younger workers. Minimum rates after change include: day workers (Rochdale and Hindley Green, North and South Blocks), men 21 and over 4s. 10-25d. an hour, women 18 and over 3s. 6-375d.; pieceworkers (Hindley Green, North Block) 4s. 8-5d., 3s. 4-875d.
Hat, cap and millinery	Great Britain§ (114-115) (259)	18 Sept.	All workers	Increases in general minimum time rates of 14s. a week (24s. 11d. or 24s. 2d. in Scotland) for men 21 or over other than late entrants, of 14s. (24s. 2d. in Scotland) for women other than learners, and of proportional amounts for late entrants, learners and younger male workers; increase in piecework basis time rates of 14s. a week (22s. 10d. to 41s. 2d. in Scotland). Rates after change: general minimum time rates—male workers in specified occupations 189s. 5d. a week, other male workers 79s. at under 16 rising to 171s. 2d. at 21 or over, female workers other than learners 132s. 8d., learners 7s. 8d. during first 6 months rising to 112s. 9d. during third year; piecework basis time rates—male workers in specified occupations 200s. 5d., other male workers 182s. 2d., female workers 141s. 10d.¶
Footwear manufacture	United Kingdom (except East Lancashire and the Fylde Coast) (117)	First pay day in Sept.	Timeworkers	Increases‡ in minimum day wage rates of 4s. a week for men 19½ and over and women 18 and over, and of proportional amounts for younger workers. Minimum rates after change: male workers 102s. 6d. a week at 15 rising to 209s. at 21 and over, female workers 102s. 6d. at 15 rising to 169s. at 20 and over.
			Pieceworkers	Increase‡ in percentage additions to piecework rates of 4 per cent., making a total addition of 161 per cent. for male workers, and of 173 per cent. for female workers.
	United Kingdom	First pay day in Sept.	Workers, other than pieceworkers, employed in industries ancillary to footwear manufacture¶	Increase‡ in minimum day wage rates of 4s. a week for men 19½ and over and women 18 and over, and of proportional amounts for younger workers. Minimum rates after change: male workers 102s. 6d. a week at 15 rising to 209s. at 21 and over, female workers 102s. 6d. at 15 rising to 169s. at 20 and over.
			Pieceworkers	Increase‡ in percentage additions to piecework rates of 4 per cent., making a total addition of 161 per cent. for male workers, and of 173 per cent. for female workers (158½ and 170½ per cent., respectively, in stiffener section and 180 and 194 per cent. in toe puff and heel design and manufacture section).
	East Lancashire and the Fylde Coast	First making-up day in Sept.	Timeworkers	Increases‡ in day wage rates of 4s. a week for men 19½ and over and women 18 and over, and of proportional amounts for younger workers. Minimum rates after change: male workers 102s. 6d. a week at 15 rising to 209s. at 21 and over, female workers 102s. 6d. at 15 rising to 173s. 8d. at 20½ and over.**
			Pieceworkers	Increase‡ in the percentage addition to piecework rates of 2½ per cent. (67½ to 69½ per cent.).**
Asbestos cement manufacture	Great Britain (136)	First pay week commencing on or after 6 Sept.	All workers	Increases of 3½d. an hour for men 21 and over, of 2½d. for women 18 and over, and of proportional amounts for younger workers. Minimum hourly rates after change (groups 1 and 2 respectively): able-bodied men 21 and over, grade O, 5s. 1½d., 4s. 11½d., grade 1, 5s. 3½d., 5s. 1½d., grade 2, 5s. 5½d., 5s. 3½d., grade 3, 5s. 7½d., 5s. 5½d.; women 18 and over (on women's work) 3s. 8½d., 3s. 6d.
Carton manufacture	Great Britain	Beginning of first full pay period following 10 Aug.	All workers	Increases of amounts ranging from 3d. to 5d. an hour, according to occupation and system of working, for men 21 and over, of 2d. or 2½d. for women 18 and over, and of proportional amounts for younger workers. Adult rates after change: men 21 and over in class I occupations, day work 6s. 2½d. an hour, double day shift 6s. 11d., three shift 7s. 1d., class II 5s. 6½d., 6s. 3½d., 6s. 5½d., class III 5s. 2½d., 5s. 10½d., 6s. 0½d., class IV 4s. 10d., 5s. 5½d., 5s. 7½d., class V 4s. 7½d., 5s. 3d., 5s. 5d.; women 18 and over, day work 3s. 4d., double day shift 3s. 9½d., 22 and over with 4 years' experience of process work when employed on plain time work 3s. 5½d., 3s. 10½d. Rates in London (within 15 miles of Charing Cross) are 2d. an hour higher in each case.
Paper bag making	Great Britain (147)	Beginning of first full pay period following 17 Aug. ††	All workers	Increases of 12s. or 10s. 6d. a week, according to occupation, for men 21 and over, of 7s. for women 18 and over, and of proportional amounts for younger workers. Adult rates after change: men 21 and over, class I London (within 15 miles of Charing Cross) 259s. 6d. a week, Provinces 252s., II 233s. 6d., 226s., III 218s. 6d., 211s., IV 207s., 199s. 6d.; women 18 and over 145s., 140s., 22 and over with 4 years' experience 150s., 145s.

\* These changes took effect under an Order made under the Wages Councils Act. See page 444 of this GAZETTE.

† The cost-of-living bonus is now based on the average of the index of retail prices (Jan. 1962 = 100) for the months of January to June payable on the first pay day in September and for the months of July to December payable in the following March. When the average is 104 or less, for each point variation from 100, 1 per cent. of gross wages per point is added or deducted, and when 105 or more the same provisions apply, but for each point in excess of 104 the 1 per cent. of gross wages is limited to 3s.

‡ Under sliding-scale arrangements based on the official index of retail prices.

§ The Wages Councils for England and Wales and for Scotland were amalgamated from 1st March 1963.

¶ These increases took effect under an Order made under the Wages Councils Act. See page 400 of the September issue of this GAZETTE.

‡ The industries concerned are cut sole, last, stiffener, toe puff and built heel manufacture, and heel design and manufacture.

\*\* The cost-of-living arrangement is now subject to variation in March and September each year in accordance with movements in the index published in the January and July immediately preceding; the amounts quoted relate to the index figures in the range 106.5-107.4.

†† These increases were agreed in September with retrospective effect to the date shown.

## Changes in Rates of Wages Coming into Operation during September—continued

Industry	District (see also note at beginning of table)	Date from which change took effect	Classes of workers	Particulars of change
Printing	London (156-157) Manchester	1 Sept.	Workers, other than electricians and engineers, employed in the production of national morning, evening and Sunday newspapers	Cost-of-living bonus increased* by 2s. a week (18s. to 20s.) for adult workers, and by proportional amounts for apprentices and juniors.
Penmaking and stationery sundries manufacture	Birmingham and district (166)	First pay day in Sept.	All workers	Increases* of 2s. 6d. a week for men 20 and over and 1s. 6d. for younger male workers, and of 1s. 4d. for women 18 and over and 1s. for younger female workers. Minimum rates after change include: male workers—fully apprenticed tool makers 25 and over 21s. 4d. a week, 21 and under 25, 196s. 7d., semi-skilled workers 20 and over 191s. 3d., unskilled workers 20 and over 183s. 9d.; female workers 18 and over 141s. 7d.†, piecework prices to be such as to yield at least 140s. 5d. for female workers of average ability.
Electrical contracting	England, Wales and Northern Ireland (176)	28 Sept.	Male workers	New standard inclusive rates fixed, consequent upon a reduction in normal weekly hours‡, as follows:—journeymen electricians—grade A (London) area 7s. 8½d. an hour, Mersey district 7s. 8d., grade B (other areas) 7s. 3½d., adult mates—London 6s. 4d., Mersey district 6s. 3½d., all other areas 6s.
	Scotland (176-177)	28 Sept.	Journeymen electricians, armature winders and apprentices	New standard rates fixed, consequent upon a reduction in normal weekly hours‡, as follows:—journeymen electricians 7s. 1d. an hour, armature winders 7s. 2d.
Road haulage	Northern Ireland (196) (261)	15 Sept.	Male drivers and assistants employed on mechanically or electrically propelled vehicles	Increases in statutory minimum remuneration of 8s. a week for drivers and assistants 21 and over in areas A and B and of 12s. in area C, and of proportional amounts for assistants under 21. General minimum time rates after change: drivers—of vehicles with carrying capacity of 8 tons and over, area A 214s. a week, area B 212s. 6d., area C 207s. 6d.; 2 tons and under 8 tons 206s. 6d., 205s., 200s. 6d.; 1 ton and under 2 tons 198s. 6d., 197s., 193s.; under 1 ton 191s., 189s. 6d., 185s. 6d.; assistants—on vehicles with carrying capacity of 2 tons and over, area A 81s. 6d. at under 16 rising to 197s. 6d. at 21 and over, area B 79s. 6d. to 196s., area C 79s. 6d. to 191s. 6d.; 1 ton and under 2 tons 81s. 6d. to 189s. 6d., 79s. 6d. to 188s., 79s. 6d. to 184s.; under 1 ton 81s. 6d. to 182s., 79s. 6d. to 180s. 6d., 79s. 6d. to 176s. 6d.‡
Civil air transport	United Kingdom (197)	23 Aug.	Surface transport and goods handling grades	Increases of 9s. 3d., 8s. 3d. or 7s. 5d. a week, according to occupation, for workers 21 and over, and of proportional amounts for younger workers. Minimum adult rates after change include: motor transport drivers 232s. 3d., loading supervisors I 314s. 3d., loading supervisors II 296s. 9d., head loaders (aircraft) 264s. 5½d., head loaders, head porters (B.E.A. town terminals) and chargehand stevedores 244s., baggage masters 234s. 3d., apron loaders 225s. 8½d., loaders, porters and stevedores 222s. 2½d., warehousemen 259s. 2½d. Night shift premium increased from time-and-a-quarter to time-and-a-third and morning and afternoon shift premium increased from time-and-one-eighth to time-and-one-sixth.
	United Kingdom	23 Aug.	General service workers	Increases of 2½d. or 2½d. an hour, according to occupation, for adult workers and of proportional amounts for workers under 21. Minimum hourly rates after change for adult day workers include: men—labourers, gardeners grade II, liftmen, wash-house men (laundry) 5s. 2-5d., leading hand boiler attendants 5s. 6-7½d., gardeners grade I 5s. 5-9½d., head gardeners 5s. 10-25d., women cleaners and lavatory attendants, laundresses 4s. 3-18½d. Night shift premium increased from time-and-a-quarter to time-and-a-third and morning and afternoon shift premium increased from time-and-one-eighth to time-and-one-sixth.
Wholesale newspaper distribution	London (207)	1 Sept.	Male workers	Increases* in cost-of-living bonus of 2s. a week (18s. to 20s.) for full-time workers 21 and over, and of proportional amounts for other workers. Rates after change, inclusive of bonus, for full-time workers 21 and over: indoor workers and drivers—day staff 269s. a week, night staff 278s.
	Provinces in England and Wales (207)	First full week in Sept.	Adult workers	Increases* in cost-of-living bonus of 6s. a week (20s. to 26s.) for qualified male workers, and of 3s. 9½d. to 16s. 3½d. for qualified female workers. Rates after change, inclusive of cost-of-living bonus: qualified male workers—grade 1 towns, night staff and early morning staff 257s. a week, day staff 247s. 6d., grade 2 towns 248s. 6d., 239s.; qualified female workers—grade 1 152s. 3d., grade 2 148s. 3d.
Retail newsagency, tobacco and confectionery trades	England and Wales (218) (260)	21 Sept.	Shop managers and manageresses	Increases in statutory minimum remuneration of 12s. a week in London and Provincial A areas and 10s. in Provincial B area for managers, and of 11s. and 9s. for manageresses. Minimum rates after change: managers, London area 206s. 6d. a week where the number of staff is one or none, 212s. 6d. where the number is two, and 218s. 6d. where the number is three, Provincial A area 201s. 6d., 207s. 6d., 213s. 6d., Provincial B area 192s. 6d., 198s. 6d., 204s. 6d.; manageresses, London 159s., 165s., 171s., A 154s., 160s., 166s., B 146s., 152s., 158s.‡
			Other workers except street newsvendors	Increases in statutory minimum remuneration of 12s. a week in London and Provincial A areas and 10s. in Provincial B area for men 21 or over, of 11s. and 9s. for women 21 or over, of 6s., 7s., 7s. 6d. or 9s., according to age and area, for younger male workers, and of 5s., 6s., 6s. 6d. or 8s. for younger female workers. Minimum rates after change: grade I clerks 24 or over—men, London area 192s. a week, Provincial A area 187s., Provincial B area 178s., women 142s. 6d., 137s. 6d., 129s. 6d.; grade I clerks under 24, grade II clerks and all other workers (except transport workers)—males, London 84s. at 15 rising to 186s. at 23 or over, A 81s. to 181s., B 77s. to 172s., females 71s. to 138s., 67s. to 133s., 63s. to 125s., transport workers—drivers of mechanically propelled vehicles of 1 ton or less carrying capacity and of one-horse-drawn vehicles, London 111s. at under 18 rising to 186s. at 21 or over, A 109s. to 181s., B 104s. to 172s., drivers, all ages, of mechanically propelled vehicles of over 1 and up to 2 tons carrying capacity and of two-horse-drawn vehicles, London 194s., A 189s., B 180s., of over 2 and up to 5 tons 198s., 193s., 184s., of over 5 tons 202s., 197s., 188s.‡
	Scotland (218) (260)	14 Sept.	All workers other than managers and manageresses	Increases in statutory minimum remuneration of 12s. a week in area 1 and 10s. in area 2 for men 21 or over, of 11s. and 9s. for women 21 or over, of amounts ranging from 4s. 6d. to 10s., according to age and area, for younger male workers, and of 3s. 6d. to 9s. for younger female workers. Minimum rates after change: grade I clerks 23 or over—men, area 1, 180s. 6d. a week, area 2, 173s. 6d., women 131s., 125s.; grade I clerks under 23, grade II clerks, shop assistants, central warehouse workers and all other workers (except transport workers)—males, area 1, 74s. at 15 rising to 174s. 6d. at 22 or over, area 2, 70s. to 167s. 6d., females 67s. to 127s. 6d., 62s. to 121s. 6d.; transport workers—drivers of mechanically propelled vehicles of 1 ton or less carrying capacity and of one-horse-drawn vehicles, area 1, 107s. 6d. at under 18 rising to 177s. 6d. at 21 or over, area 2, 101s. 6d. to 168s. 6d.; drivers, all ages, of mechanically propelled vehicles of over 1 and up to 5 tons carrying capacity and of two-horse-drawn vehicles, area 1, 180s. 6d., area 2, 171s. 6d., of over 5 tons 184s. 6d., 175s. 6d.‡

\* Under sliding-scale arrangements based on the official index of retail prices.

† This rate includes an increase of 6s. 8d. a week operative from 31st August 1964.

‡ See also under "Changes in Hours of Work".

§ These increases took effect under an Order made under the Wages Councils Act (Northern Ireland). See page 444 of this GAZETTE. The Order does not apply to workers employed on vehicles operated by the Ulster Transport Authority, nor to certain other specified groups of workers.

¶ These increases took effect under an Order made under the Wages Councils Act. See page 400 of the September issue of this GAZETTE.



Changes in Rates of Wages Coming into Operation during September—*continued*

Industry	District (see also note at beginning of table)	Date from which change took effect	Classes of workers	Particulars of change
Retail furnishing and allied trades	Great Britain (221) (260)	7 Sept.	Shop managers and managers	Increases in statutory minimum remuneration of 12s. a week for managers in London and Provincial A areas and 10s. in Provincial B area, and of 11s. and 9s. for managers. Minimum rates after change: managers, London area 217s. 6d. a week where weekly trade is under £60 to 273s. 6d. where weekly trade is £475 and under £500, Provincial A area 210s. to 266s.; Provincial B area 198s. to 254s.; managers, London 184s. 6d. to 240s. 6d., A 177s. to 233s., B 166s. 6d. to 222s. 6d.*
			Other workers	Increases in statutory minimum remuneration of 12s. a week in London and Provincial A areas and 10s. in Provincial B area for men 21 or over, of 6s., 7s., 7s. 6d. or 9s., according to age and area, for younger male workers, of 11s. or 9s., according to area, for women 21 or over, and of 5s., 6s., 6s. 6d. or 8s. for younger female workers. Minimum rates after change: grade I clerks 23 or over—men London area, 209s. a week, Provincial A area 201s., Provincial B area 187s., women 154s. 6d., 148s. 6d., 137s. 6d.; grade I clerks under 23, grade II clerks, shop assistants, cashiers, central warehouse workers, stock-hands or van salesmen—male workers, London 87s. at under 16 rising to 202s. 6d. at 22 or over, A 82s. to 194s. 6d., B 75s. 6d. to 180s. 6d., female workers 74s. to 149s. 6d., 69s. 6d. to 144s., 63s. 6d. to 132s. 6d.; other workers—male workers, London 86s. at under 16 rising to 193s. at 22 or over, A 81s. to 185s., B 74s. 6d. to 176s. 6d., female workers 74s. to 143s. 6d., 69s. 6d. to 137s. 6d., 63s. 6d. to 127s. 6d.; transport workers—drivers of mechanically propelled vehicles of 1 ton or less carrying capacity and of one-horse-drawn vehicles, London 118s. at under 18 rising to 202s. 6d. at 21 or over, A 115s. 6d. to 194s. 6d., B 107s. 6d. to 180s. 6d.; drivers, all ages, of mechanically propelled vehicles of over 1 and up to 2 tons carrying capacity and of two-horse-drawn vehicles 207s., 199s., 185s. 6d., of over 2 and up to 5 tons 211s., 203s. 6d., 189s. 6d., of over 5 tons 215s. 6d., 207s. 6d., 194s.*
Retail bookselling and stationery trades	Great Britain (222) (259)	7 Sept.	Shop managers and managers	Increases in statutory minimum remuneration of 12s. a week in London and Provincial A areas and 10s. in Provincial B area for managers, and of 11s. or 9s. for managers. Minimum rates after change: managers, London area 234s. a week, Provincial A area 228s., Provincial B area 218s., managers 200s., 194s., 185s. 6d.†
			Other workers	Increases in statutory minimum remuneration of 12s. a week in London and Provincial A areas and 10s. in Provincial B area for men 21 or over, of 11s. or 9s. for women 21 or over, and of proportional amounts for younger workers. Minimum rates after change: workers other than transport workers, cleaners, messengers, deliverers or porters—males, London area 89s. 6d. a week at 16 rising to 202s. at 22 or over, Provincial A area 82s. 6d. to 94s. 6d., Provincial B area 74s. 6d. to 182s., females 76s. 6d. to 154s., 69s. to 147s. 6d., 62s. 6d. to 138s.; cleaners, messengers, deliverers or porters—males, London 86s. to 192s., A 79s. 6d. to 184s. 6d., B 72s. to 172s., females 73s. 6d. to 144s., 66s. 6d. to 137s. 6d., 60s. 6d. to 128s.; transport workers—drivers of mechanically propelled vehicles of 1 ton or less carrying capacity and of one-horse-drawn vehicles, London 113s. at under 18 rising to 196s. at 21 or over, A 110s. to 188s. 6d., B 102s. to 176s.; drivers, all ages, of mechanically propelled vehicles of over 1 and up to 2 tons carrying capacity and of two-horse-drawn vehicles 200s., 192s. 6d., 180s., of over 2 and up to 5 tons 204s., 196s. 6d., 184s., of over 5 tons 208s., 200s. 6d., 188s.†
Film distribution	United Kingdom	26 July	All workers	Increases of amounts ranging from 21s. 9d. to 49s., according to occupation, for men, of 20s. 9d. to 37s. for women, and of proportional amounts for younger workers. Rates after change include: film despatch dept.—managers, London (within a radius of 25 miles from Cambridge Circus) 307s. 6d. a week with under 12 months' experience, 315s. with over 12 months' experience, Provinces (in charge of 5 or more employees) 287s. 6d., 295s., (in charge of less than 5 employees) 267s. 6d., assistant managers, London 260s., 267s. 6d., Provinces 240s., 247s. 6d., chief packers, Provinces 240s., packers, storekeepers and driver packers, London 115s. at under 18 rising to 230s. at 21 and over, Provinces 105s. to 220s.; industrial grades—film repair, foremen (in charge of 3 or more) London 252s. 6d., Provinces 222s. 6d., forewomen (in charge of 3 or more) London 205s. or 210s., according to experience, Provinces 195s. or 200s., repairers and cleaning machine operators, London, adult males 210s., adult females 172s. 6d., Provinces 200s., 162s. 6d., juveniles, London 107s. 6d. at under 16 rising to 152s. 6d. at 20, Provinces 97s. 6d. to 142s. 6d., driver mechanics, London 250s., projection room staff (35 mm.), chief projectionists, London 305s., adult projectionists' assistants, London 255s., Provinces 245s., projectionists' assistants, London 107s. 6d. at under 18 rising to 197s. 6d. at 21, technical and editorial dept., London, adult male assistants 220s. or 235s., according to experience, adult female assistants 187s. 6d. or 195s.‡
Cinematograph film production	Great Britain	First full pay week following 24 Sept.	Technicians and trainees employed in the production of specialised films	Cost-of-living bonus for workers whose normal salaries do not exceed £25 16s. 1d. a week increased by 3s. a week (40s. to 43s.) for those 18 and over, and by 2s. (26s. 8d. to 28s. 8d.) for younger workers; workers whose normal salaries exceed £25 16s. 1d., cost-of-living bonus increased by 3s. (15s. to 18s.).
Government industrial establishments	Great Britain and Northern Ireland (244-245)	Beginning of pay week containing 15 Sept.	Workers paid at miscellaneous "M" rates	Shift work allowances increased by 3s. a week (13s. to 16s.) for those on rotating shifts, and by 2s. (11s. to 13s.) for those on alternating shifts.
Fire services (local authorities' fire brigades)	Great Britain (257)	1 Aug.	Sub-officers and other ranks	Increases ranging from £30 to £65 a year, according to grade and length of service, for male operational members of brigades, of £15 or £20 for non-operational members, and from £20 to £40, according to age, grade and length of service, for women; maximum on pay scale for operational firemen now paid in eighth year of service (previously ninth), and minimum on scale now paid at 19 (previously 21). Rates after change for male operational members of brigades: firemen—first year of service, Provinces £675 a year, Metropolitan Police District (excluding the administrative County of London) £725, London £760, second year £710, £760, £785, third year £740, £790, £815, fourth year £770, £820, £845, fifth year £800, £850, £875, sixth year £830, £880, £905, seventh year £860, £910, £935, eighth year £900, £950, £975; leading firemen £935, £985, £1,012; sub-officers—first year of service £975, £1,025, £1,052, second year £1,015, £1,065, £1,092, third year £1,050, £1,100, £1,127.¶
Local authorities' services	England and Wales (248-249)	7 Sept.	Manual workers	Increases of 7s. a week for men, and of proportional amounts for women, young labourers and apprentices. Rates after change for men 21 and over on day work, include: general classes—London, group 1 occupations 226s. 9d. a week, 2, 232s., 3, 237s. 3d., 4, 242s. 6d., 5, 247s. 9d., 6, 253s., Zone A 211s. 9d., 217s., 222s. 3d., 227s. 6d., 232s. 9d., 238s., Zone B 208s. 9d., 214s., 219s. 3d., 224s. 6d., 229s. 9d., 235s.; roadworkers, sewer workers and plant operators—London, grade A 232s., B 246s., C 251s. 3d., D 256s. 6d., E 261s. 9d., Zone A 217s., 231s., 236s. 3d., 241s. 6d., 246s. 9d., Zone B 214s., 228s., 233s. 3d., 238s. 6d., 243s. 9d.; ambulance employees—drivers, London 270s., Zone A 255s., Zone B 252s., attendants 255s. 6d., 240s. 6d., 237s. 6d.
			Semi-skilled engineering workers	Increase of 2d. an hour. Rates after change: London, grade I 5s. 7½d. an hour, grade II 5s. 9½d., grade III 5s. 11d., grade IV 6s. 1d., Zone A 5s. 3½d., 5s. 5½d., 5s. 7d., 5s. 9d., Zone B 5s. 2½d., 5s. 4½d., 5s. 6d., 5s. 8d.

\* These increases took effect under an Order made under the Wages Councils Act. See page 363 of the August issue of this GAZETTE.  
 † These increases took effect under an Order made under the Wages Councils Act. See page 400 of the September issue of this GAZETTE.  
 ‡ These rates are to remain in operation until 25th January 1967.  
 § Under sliding-scale arrangements based on the official index of retail prices.  
 ¶ Male control staff now have a separate scale from operational members of brigades.  
 ¶ It has also been agreed that from 1st August 1965 there will be further increases ranging from £15 to £70 a year.

Changes in Rates of Wages Coming into Operation during September—*continued*

Industry	District (see also note at beginning of table)	Date from which change took effect	Classes of workers	Particulars of change
Local authorities' services (continued)	England and Wales (235)	7 Sept.	Female employees in the school meals service, staff canteens and day nurseries and home helps	Increase of 1d. an hour (1½d. for home helps). Rates after change for workers 18 and over: school meals service, staff canteens and day nurseries—helpers or general assistants, London 3s. 10d. an hour, Zone A 3s. 7½d., Zone B 3s. 6½d.; school meals supervisory assistants 3s. 11d., 3s. 8½d., 3s. 7½d., assistant cooks 4s. 0½d., 3s. 9½d., 3s. 9½d., cooks 4s. 3½d., 4s. 0½d., 4s. 0½d.; home helps 4s. 4½d., 4s. 0½d., 3s. 11½d.
	England and Wales (250)	7 Sept.	Engineering craftsmen and apprentices	Increase of 2½d. an hour for craftsmen, with appropriate percentage increases for apprentices. Rates after change for skilled craftsmen: London 6s. 9½d. an hour, Zone A 6s. 5½d., Zone B 6s. 4½d.
	England and Wales	7 Sept.	Heating, ventilation and domestic engineers, mates and apprentices	Increases of 2½d. an hour for craftsmen and of 2d. for mates, with appropriate percentage increases for apprentices. Rates after change: craftsmen—London 6s. 9½d. an hour, Zone A 6s. 5½d., Zone B 6s. 4½d., mates 5s. 8½d., 5s. 5½d., 5s. 4½d.
Local government service	England and Wales (254-255)	7 Sept.	County council roadmen	Increase of 7s. a week for men, with appropriate percentage increases for young labourers and apprentices. Basic A1 minimum rates after change: London area 231s. 7d. a week*, Zone A 216s. 7d., Zone B 213s. 7d.

CHANGES IN HOURS OF WORK COMING INTO OPERATION DURING SEPTEMBER

Agriculture	Scotland (2-3) (258)	7 Sept.	Stockmen, stockwomen, poultry women and dairy-maids	Normal weekly hours reduced by an average of 2 hours (from 59 and 46 in alternate weeks to 56 and 43).†
			Horsemen and horsewomen	Additional hours for stable work reduced by 1 hour a week (5 to 4).†
			Other workers except shepherds and grieves	Provision for special harvest hours no longer made. Normal hours now 46 from midnight on the second Sunday in February to midnight on the second Sunday in November and 42 from midnight on the second Sunday in November to midnight on the second Sunday in February.†
Aerated waters manufacture	Northern Ireland (261)	15 Sept.	All workers	Normal weekly hours reduced from 44 to 43, without loss of pay.‡
Electrical contracting	England, Wales and Northern Ireland (176)	28 Sept.	Male workers	Normal weekly hours reduced from 42 to 40.‡
	Scotland (176-177)	28 Sept.	Journeymen electricians, armature winders and apprentices	Normal weekly hours reduced from 42 to 40.‡

\* This includes an increase of 4s. a week in London rates from 4th May 1964.  
 † These changes took effect under an Order made under the Agricultural Wages (Scotland) Act. See pages 374 and 400 of the September issue of this GAZETTE.  
 ‡ See also under "Changes in Rates of Wages".  
 § This change took effect under an Order made under the Wages Councils Act (Northern Ireland). See page 444 of this GAZETTE.

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# INDEX OF RETAIL PRICES

## INDEX FOR 15th SEPTEMBER 1964

ALL ITEMS (16th January 1962 = 100) ... 107.8

At 15th September the official retail prices index was 107.8 (prices at 16th January 1962 = 100), the same figure as at 18th August, compared with 103.3 at 17th September 1963.

The index of retail prices measures the change from month to month in the average level of prices of the commodities and services purchased by the great majority of households in the United Kingdom, including practically all wage earners and most small and medium salary earners. The index is not calculated in terms of money but in percentage form, the average level of prices at the base date being represented by 100. Some goods and services are relatively much more important than others and the percentage changes in the price levels of the various items since the base date are combined by the use of "weights". The index figures for each month are first calculated with prices at 14th January 1964 taken as 100, using the weights given on page 148 of the April issue of this GAZETTE which are derived from the Family Expenditure Surveys made in 1960-63, adjusted to correspond with the level of prices ruling in January 1964. The index numbers in this series are then linked back to 16th January 1962 by multiplying each by the corresponding index for 14th January 1964 on the base 16th January 1962 = 100 and dividing the result by 100.

## DETAILED FIGURES FOR 15th SEPTEMBER 1964

(Prices at 16th January 1962 = 100)

The following table shows, for various groups and sub-groups, the indices at 15th September 1964 on the basis 16th January 1962 = 100.

GROUP AND SUB-GROUP	INDEX FIGURE FOR 15th SEPTEMBER 1964 (16th January 1962 = 100)
<b>I. Food:</b>	
Bread, flour, cereals, biscuits and cakes	109
Meat and bacon	115
Fish	105
Butter, margarine, lard and cooking fat	111
Milk, cheese and eggs	104
Tea, coffee, cocoa, soft drinks, etc.	104
Sugar, preserves and confectionery	121
Vegetables, fresh, dried and canned	101
Fruit, fresh, dried and canned	86
Other food	108
Total—Food	108.1
II. Alcoholic drink	110.2
III. Tobacco	109.5
IV. Housing	115.0
<b>V. Fuel and light:</b>	
Coal and coke	106
Other fuel and light	112
Total—Fuel and light	109.4
<b>VI. Durable household goods:</b>	
Furniture, floor coverings and soft furnishings	108
Radio, television and other household appliances	97
Pottery, glassware and hardware	103
Total—Durable household goods	102.6
<b>VII. Clothing and footwear:</b>	
Men's outer clothing	107
Men's underclothing	107
Women's outer clothing	105
Women's underclothing	106
Children's clothing	103
Other clothing, including hose, haberdashery, hats and materials	103
Footwear	106
Total—Clothing and footwear	105.2
<b>VIII. Transport and vehicles:</b>	
Motoring and cycling	96
Fares	115
Total—Transport and vehicles	102.5
<b>IX. Miscellaneous goods:</b>	
Books, newspapers and periodicals	113
Medicines, toilet requisites, soap, cleaning materials, matches, etc.	102
Stationery, travel and sports goods, toys, photographic and optical goods, etc.	104
Total—Miscellaneous goods	105.2
<b>X. Services:</b>	
Postage and telephones	103
Entertainment	104
Other services, including domestic help, hairdressing, boot and shoe repairing, laundering and dry cleaning	111
Total—Services	107.7
<b>ALL ITEMS</b>	<b>107.8</b>

Following are the indices for 15th September on the basis 16th January 1962 = 100 for three sub-divisions of the food group:

- (1) Items prices of which are affected by seasonal variations (viz., fresh milk, eggs, potatoes and other fresh vegetables, apples and pears, and home-killed mutton and lamb) ... 98.8
- (2) Items prices of which are affected by changes in import prices (viz., bacon, cooked ham, butter, cheese and chilled beef) ... 117.4
- (3) Other items ... 110.3

## PRINCIPAL CHANGES IN THE MONTH

### Food

The principal changes in the food group were reductions in the prices of apples and tomatoes. The index for the group as a whole fell by about one-half of 1 per cent. to 108.1, compared with 108.7 in August.

### Fuel and light

Mainly as a result of higher charges for electricity in some areas, the index for the fuel and light group as a whole rose by about one-half of 1 per cent. to 109.4, compared with 108.9 in August.

### Miscellaneous goods

The principal changes in this group were increases in the prices of London evening newspapers and of some periodicals and reductions in the prices of some toilet articles. The index for the miscellaneous goods group as a whole rose by rather less than one-half of 1 per cent. to 105.2, compared with 104.9 in August.

### Services

Mainly as a result of rises in the average levels of charges for admission to football matches and for services such as hairdressing, laundering and shoe repairing, the index for the services group as a whole rose by about one-half of 1 per cent. to 107.7, compared with 107.1 in August.

### Other groups

In the remaining six groups there was little change in the general level of prices.

## ALL ITEMS INDICES, JANUARY 1956 TO SEPTEMBER 1964

The following tables show the index figure for "all items" for (Table A) each month from January 1956 to December 1962, taking the average level of prices at 17th January 1956 as 100, and (Table B) each month from January 1962 onwards, taking the average level of prices at 16th January 1962 as 100. The figure normally relates to the Tuesday nearest to the 15th of the month.

TABLE A.—17th January 1956 = 100

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1956	100	100	101	103	103	102	102	102	102	103	103	103
1957	104	104	104	104	105	106	107	106	106	107	108	108
1958	108	108	108	110	109	110	109	108	108	109	110	110
1959	110	110	110	110	109	109	109	109	109	109	110	110
1960	110	110	110	110	110	111	111	110	110	111	112	112
1961	112	112	113	113	114	115	115	116	115	116	117	117
1962	117	118	118	120	120	121	120	119	119	119	120	120

TABLE B.—16th January 1962 = 100

Month	1962	1963	1964
January	100.0	102.7	104.7
February	100.1	103.6	104.8
March	100.5	103.7	105.2
April	101.9	104.0	106.1
May	102.2	103.9	107.0
June	102.9	103.9	107.4
July	102.5	103.3	107.4
August	101.6	103.0	107.8
September	101.5	103.3	107.8
October	101.4	103.7	107.8
November	101.8	104.0	107.8
December	102.3	104.2	107.8

The figures in Table B can be linked with those in Table A to produce a continuous series of figures showing the change in the level of prices compared with the level at 17th January 1956. The procedure is to multiply the figures in Table B by the index for 16th January 1962 with prices at 17th January 1956 taken as 100, viz., 117.5, and divide by 100.

## DESCRIPTION OF THE INDEX

A full description of the index, entitled "Method of Construction and Calculation of the Index of Retail Prices" (No. 6 in the Series "Studies in Official Statistics") may be obtained from H.M. Stationery Office, price 3s. (3s. 4d. including postage).

# STOPPAGES OF WORK—INDUSTRIAL DISPUTES

## STOPPAGES OF WORK IN SEPTEMBER

The number of stoppages of work\* due to industrial disputes in the United Kingdom, beginning in September, which came to the notice of the Ministry, was 214. In addition, 30 stoppages which began before September were still in progress at the beginning of the month. The approximate number of workers involved during September at the establishments where these 244 stoppages occurred is estimated at 62,400. This total includes 6,100 workers involved in stoppages which had continued from the previous month. Of the 56,300 workers involved in stoppages which began in September, 45,000 were directly involved and 11,300 indirectly involved (i.e., thrown out of work at the establishments where the stoppages occurred, but not themselves parties to the disputes).

The aggregate of 149,000 working days lost during September includes 35,000 days lost through stoppages which had continued from the previous month.

The following table gives an analysis by groups of industries of stoppages of work in September due to industrial disputes:—

Industry group	Number of stoppages			Stoppages in progress in month	
	Started before beginning of month	Started in month	Total	Workers involved	Working days lost
Coal mining	3	81	84	8,700	18,000
Food, drink and tobacco	2	2	4	800	8,000
Metal manufacture	1	19	20	5,100	15,000
Engineering	6	24	30	11,900	24,000
Motor vehicles	—	11	11	10,800	24,000
Construction	7	18	25	1,800	8,000
All remaining industries and services	11	59	70	23,200	52,000
<b>Total, September 1964</b>	<b>30</b>	<b>214</b>	<b>244</b>	<b>62,400</b>	<b>149,000</b>
<b>Total, August 1964</b>	<b>23</b>	<b>179</b>	<b>202</b>	<b>58,100</b>	<b>97,000</b>
<b>Total, September 1963</b>	<b>17</b>	<b>217</b>	<b>234</b>	<b>45,100</b>	<b>107,000</b>

## Causes of stoppages

The following table classifies stoppages beginning in September according to the principal cause of each stoppage:—

Principal cause	Number of stoppages	Number of workers directly involved
Wages—claims for increases	56	19,400
—other wage disputes	53	8,400
Hours of work	1	†
Employment of particular classes or persons	32	5,300
Other working arrangements, rules and discipline	58	10,200
Trade union status	11	1,400
Sympathetic action	3	300
<b>Total</b>	<b>214</b>	<b>45,000</b>

## Duration of stoppages

The following table classifies stoppages ending in September according to the length of time they lasted:—

Duration of stoppage	Number of		
	Stoppages	Workers directly involved	Working days lost by all workers involved
Not more than 1 day	80	20,900	19,000
2 days	58	9,300	21,000
3 days	26	6,600	15,000
4-6 days	21	3,900	15,000
Over 6 days	31	3,800	56,000
<b>Total</b>	<b>216</b>	<b>44,500</b>	<b>126,000</b>

## STOPPAGES OF WORK IN THE FIRST NINE MONTHS OF 1964 AND 1963

The following table gives an analysis by groups of industries of all stoppages of work through industrial disputes in the United Kingdom in the first nine months of 1964 and 1963:—

Industry group	January to September 1964			January to September 1963		
	No. of stoppages beginning in period	Stoppages in progress		No. of stoppages beginning in period	Stoppages in progress	
		Workers involved	Working days lost		Workers involved	Working days lost
Agriculture, forestry, fishing	2	600	1,000	—	—	—
Coal mining	804	139,300	239,000	774	115,400	260,000
All other mining and quarrying	1	400	4,000	5	300	†
Food, drink and tobacco	18	4,800	19,000	20	3,200	6,000
Chemicals, etc.	13	2,000	3,000	13	3,000	14,000
Metal mfr.	78	29,800	322,000	46	10,000	48,000
Engineering	219	94,800	267,000	146	51,200	147,000
Shipbuilding and marine eng.	70	18,500	128,000	43	10,200	78,000
Motor vehicles and cycles	124	121,900	353,000	89	89,000	190,000
Aircraft	26	5,600	12,000	21	9,700	47,000
Other vehicles	12	3,700	9,000	6	4,500	3,000
Other metal goods	40	11,100	25,000	36	5,600	19,000
Textiles	27	4,900	24,000	26	5,100	18,000
Clothing and footwear	10	3,000	4,000	7	1,200	2,000
Bricks, pottery, glass, etc.	23	7,200	12,000	12	1,700	3,000
Timber, furniture, etc.	12	1,900	5,000	11	6,000	28,000
Paper and printing	13	4,200	10,000	8	1,100	4,000
Remaining manufacturing inds.	38	7,500	22,000	11	1,800	3,000
Construction	181	19,100	91,000	128	67,000	338,000
Gas, electricity and water transport	13	2,400	11,000	3	500	1,000
Port and inland water transport	80	85,500	102,000	46	11,500	20,000
All other transport	49	124,000	178,000	39	6,300	17,000
Distributive trades	23	4,100	20,000	16	1,600	15,000
Administrative, professional, etc. services	16	2,900	8,000	7	1,000	1,000
Misc. services	9	3,600	15,000	8	400	2,000
<b>Total</b>	<b>1,896‡</b>	<b>702,900</b>	<b>1,883,000</b>	<b>1,520‡</b>	<b>407,200</b>	<b>1,265,000</b>

## PRINCIPAL STOPPAGES OF WORK DURING SEPTEMBER

Industry, occupations & locality	Approximate number of workers involved		Date when stoppage		Cause or object	Remarks
	Directly	Indirectly	Began	Ended		
<b>COAL MINING:—</b> Colliery workers—Glamorgan (one colliery)	1,235	—	24 Sept.	2 Oct.	Dissatisfaction over price lists	Work resumed pending negotiations.
<b>FOOD, DRINK AND TOBACCO:—</b> Workers engaged in the manufacture of sugar confectionery—Halesowen and Oldbury (two firms)	570	—	26 Aug.‡	21 Sept.	In support of a claim for an increase in rates of pay and, subsequently, for trade union recognition	Work resumed. Agreement reached on increased rates of pay and trade union recognition.
<b>ENGINEERING:—</b> Production workers engaged in the manufacture of air compressors and portable tools—Fraserburgh (one firm)	650	—	27 Aug.	11 Sept.	Against the continuance of a new bonus scheme which, after a period of trial, had been rejected by the workers	Work resumed. New bonus scheme suspended for a limited period pending further negotiations.
<b>MOTOR VEHICLES:—</b> Inspectors and other production workers engaged in the manufacture of components for the motor vehicle industry—Birmingham (one firm)	300	2,700	23 Sept.	5 Oct.‡	Claim for an increase in rates of pay of 9d. an hour. Employer's counter offer rejected	Work resumed. Agreement reached on an increase in basic rates of 3d. an hour for men and 2d. an hour for women with a temporary bonus of 2d. an hour and 1½d. an hour for men and women respectively. Further negotiations on a new bonus system, to proceed urgently.

\* The statistics relate to stoppages of work due to disputes connected with terms of employment or conditions of labour. They exclude stoppages involving fewer than ten workers, and those which lasted less than one day, except any in which the aggregate number of working days lost exceeded 100. The figures for the month under review are provisional and subject to revision; those for earlier months have been revised where necessary in accordance with the most recent information. The figures have been rounded to the nearest 100 workers and 1,000 working days; the sums of the constituent items may not, therefore, agree with the totals shown.

† Less than 50 workers or 500 working days.

‡ Some stoppages of work involved workers in more than one industry group, but have each been counted as only one stoppage in the total for all industries taken together.

§ The occupations printed in italics are those of workers indirectly involved, i.e., thrown out of work at the establishments where the stoppages occurred, but not themselves parties to the disputes.

¶ A stoppage of work at one firm spread to an associated firm on 4th September.

‡ There was a temporary resumption of work on 29th September but the stoppage recommenced on 30th September.



## ARBITRATION AWARDS, NOTICES, ORDERS, ETC.

### Industrial Courts Act 1919 and Conciliation Act 1896

#### Industrial Court Awards

During September the Industrial Court issued one award, No. 3040\*, which is summarised below.

*Award No. 3040 (14th September).*—Parties: Union of Shop, Distributive and Allied Workers and Liverpool Wholesale Fresh Meat Trade Association and Stanley Market Tenants' Association. *Claim:* To determine a difference between the Parties as to the amount, if any, in excess of an increase of 14s. per week which should be paid to porter-cutters and senior porter-cutters, it being agreed by the Parties that any further increase shall apply from 29th June 1964. *Award:* The Court found that the claim had not been established and awarded accordingly.

#### Single Arbitrators and Boards of Arbitration

During September no awards were issued by single arbitrators or boards of arbitration.

### Civil Service Arbitration Tribunal

During September no awards were issued by the Civil Service Arbitration Tribunal.

### Wages Councils Act 1959

#### Notices of Proposals

During September notices of intention to submit wages regulation proposals to the Minister of Labour were issued by the following Wages Councils:—

*The Keg and Drum Wages Council (Great Britain).*—Proposal K.D. (74), dated 4th September, for amending the provisions relating to holidays and holiday remuneration.

*The Road Haulage Wages Council.*—Proposal R.H. (79), dated 18th September, for revising the statutory minimum remuneration for workers employed on Road Haulage in connection with A or B licensed vehicles.

Further information regarding either of the above proposals may be obtained from the Secretary of the Council concerned, at Ebury Bridge House, Ebury Bridge Road, London S.W.1.

#### Wages Regulation Orders

During September the Minister of Labour made the following Wages Regulation Orders\* :—

*The Wages Regulation (Rope, Twine and Net) (No. 2) Order 1964:* S.I. 1964 No. 1445, dated 8th September and operative from 28th September. This Order prescribes rates for the first time for male and female shift workers.—See page 437.

*The Wages Regulation (Rope, Twine and Net) (Holidays) Order 1964:* S.I. 1964 No. 1446, dated 8th September and operative from 28th September. This Order amends the provisions relating to holidays and holiday remuneration.

*The Wages Regulation (Sack and Bag) Order 1964:* S.I. 1964 No. 1447, dated 9th September and operative from 30th September. This Order prescribes revised general minimum time rates for male and female workers and revised piecework basis time rates for female workers.—See page 438.

*The Wages Regulation (Keg and Drum) Order 1964:* S.I. 1964 No. 1452, dated 10th September and operative from 2nd October. This Order prescribes revised general minimum time rates and piecework basis time rates for male and female workers.

*The Wages Regulation (Ostrich and Fancy Feather and Artificial Flower) Order 1964:* S.I. 1964 No. 1487, dated 15th September and operative from 5th October. This Order prescribes revised general minimum time rates and piecework basis time rates for male and female workers.

*The Wages Regulation (Cotton Waste Reclamation) (Amendment) Order 1964:* S.I. 1964 No. 1582, dated 24th September and operative from 12th October. This Order amends the provisions relating to overtime.

### Agricultural Wages Act 1948

Order No. 1964 AWB No. 2 was made on 15th September 1964 by the Agricultural Wages Board for England and Wales, with effect from the holiday year commencing 1st November 1964, providing for additional days of annual holiday for whole-time workers at the rate of two days after ten years' but less than 15 years' continuous service, three days after 15 years but less than 20 years and one week after 20 years.

\*Copies of official publications (including Orders, Regulations, etc.) referred to in this GAZETTE may be purchased from H.M. Stationery Office at any of the addresses shown on page 448 or through any bookseller.

†Selected decisions of the Commissioner are published periodically in the series numbered: "R(U)"—decisions on unemployment benefit; "R(P)"—decisions on retirement pensions; "R(S)"—decisions on sickness benefit; "R(G)"—decisions on guardian's allowance, maternity benefit, death grant and widow's benefit; "R(F)"—decisions on family allowances; "R(I)"—decisions on all benefits and on any other questions arising under the Industrial Injuries Acts. They are obtainable separately, or collectively in an Index and Digest of Commissioners' Decisions (see page 105 of the March 1964 issue of this GAZETTE), from H.M. Stationery Office at any of the addresses shown on page 448 or through any bookseller. These and other numbered decisions are also available for inspection at offices of the Commissioner in London, Edinburgh and Cardiff (see page 250 of the June 1964 issue of this GAZETTE).

### Wages Councils Act (Northern Ireland) 1945

#### Notices of Proposals

No notices of proposal were issued during September.

#### Wages Regulation Orders

During September the Ministry of Labour and National Insurance made the following Wages Regulation Orders\* giving effect to the proposals made by the Wages Councils concerned:—

*The Aerated Waters Wages Regulation (Amendment) Order (Northern Ireland) 1964:* S.R. & O. (N.I.) 1964 No. 133, dated 3rd September and operative from 15th September. This Order prescribes revised statutory minimum remuneration for male and female workers in the trade.—See page 437.

*The Road Haulage Wages Regulation (Amendment) Order (Northern Ireland) 1964:* S.R. & O. (N.I.) 1964 No. 134, dated 3rd September and operative from 15th September. This Order prescribes revised statutory minimum remuneration for male workers in the trade.—See page 439.

### Decisions of the Commissioner under the National Insurance Acts

The Commissioner is a judicial authority independent of the Ministry of Pensions and National Insurance and appointed by the Crown (see section 43 of the National Insurance Act 1946 and section 42 of the National Insurance (Industrial Injuries) Act 1946). His decisions†, which are final, are binding on Insurance Officers and Local Tribunals and must be followed in appropriate cases. They are thus the "case law" which is the principal means of maintaining consistency of decisions.

Appeals to the Commissioner under the National Insurance Acts may be made by an Insurance Officer, or by an association of which the claimant is a member, or by the claimant himself.

Appeals to the Commissioner under the Industrial Injuries Acts may be made by an Insurance Officer, or by a person whose right to benefit is or may be, under the fourth Schedule to the 1946 Act, affected by the decision, or by an association of which the claimant of the deceased was a member, or by the claimant himself.

The following are recent decisions of general interest.

#### Decision No. R(U) 15/64 (25th March 1964)

##### Meaning of contributory condition in section 6(4)(ii) of the National Insurance Act 1957

A claimant who was divorced from his wife claimed an increase of unemployment benefit from 17th May 1963 to 25th May 1963 in respect of a child of his who was living with foster-parents. He made a payment of £1 12s. 6d. towards this child's maintenance on 27th April 1963. Held that apart from the first week of unemployment the claimant was not entitled to an increase of unemployment benefit in respect of the child. For the first week of unemployment the claimant could be deemed to satisfy the contributory condition in section 6(4)(ii) of the National Insurance Act 1957 by virtue of regulation 5C(1)(b) of the National Insurance (General Benefit) Regulations 1948. For the remaining two days, however, he did not satisfy the contributory condition because he was not in fact contributing at a weekly rate of not less than the necessary amount.

#### Decision of the Commissioner

1. My decision is that the claimant is not entitled to an increase of unemployment benefit in respect of his children Barry and Sheila from 17th to 25th May 1963 nor in respect of his child Valerie for 24th or 25th May 1963, but that he is entitled to that increase in respect of Valerie from 17th to 23rd May 1963 (all days included).

2. At some time before the above periods the claimant's marriage had been dissolved by divorce and his former wife had remarried.

3. The claimant was unemployed from 17th to 25th May 1963 and claimed unemployment benefit together with increases in respect of the three children. His claim to the personal benefit was admitted and paid.

4. He also claimed to include Barry and Sheila in his family for family allowance purposes, but by a decision dated 5th February 1964 on Commissioner's File C.F. 37/63 the Commissioner decided that they could not be so included on the ground that at all times since 13th March 1956 there had been in force an order under the Children and Young Persons Act 1933, committing them to the care of the

local authority. Although the matter has not been specifically referred to in these proceedings, I think that that decision is conclusive for the purposes of this case (see the concluding words of section 43 of the National Insurance Act 1946). However that may be, I agree with the decision of the Commissioner that those two children could not be included in the claimant's family during the period relevant to this appeal, because of section 11(2) of the Family Allowances Act 1945. Further, they equally could not be included in his family for National Insurance purposes (section 78(2) of the 1946 Act), and therefore by reason of section 23(1) of the 1946 Act he was not entitled to the increase in respect of them.

5. The position with regard to the other child Valerie is much more complicated. On the evidence before them, the decision of the local tribunal affirming that of the insurance officer to the effect that Valerie also could not be included in the claimant's family was manifestly right, on the ground that the claimant was not contributing to Valerie's maintenance at all.

6. It is however now established that on 27th April 1963 the claimant made a payment of £1 12s. 6d. towards the maintenance of Valerie, who then and at the material times was living with foster-parents and not with either of her own parents. In view of this, the insurance officer now concerned with the case in her written submission accepted that Valerie could be included in the claimant's family for National Insurance purposes during the family allowance week (Tuesday 30th April to Monday 6th May 1963) following the payment, and by virtue of regulations made under the Family Allowances Act 1945 for a further four weeks down to 3rd June. It was therefore conceded that Valerie was included in the claimant's family throughout the period relevant to this appeal.

7. That however is not enough to enable the claimant to be paid the increase in respect of her. He must also satisfy one of the conditions in section 6(4) of the National Insurance Act 1957. Since Valerie clearly was not living with the claimant, the latter must satisfy the condition "(ii) that contributions to the cost of providing for the child in question are being made at a weekly rate not less than 20s." (in the circumstances of this case). The special rules under the Family Allowances Act do not apply to contributions under section 6(4)(ii), but even so the claimant may be able to satisfy that condition by means of another regulation, under which he can be treated as satisfying the condition even though in fact he does not do so (see regulation 5C(1)(b) of the National Insurance (General Benefit) Regulations 1948 [S.I. 1948 No. 1278] as amended by the National Insurance (General Benefit) Amendment Regulations 1957 [S.I. 1957 No. 1888]).

8. The effect of these somewhat complicated provisions was explained in Decision R(U) 11/62, where it was pointed out that regulation 5C(1)(b) was designed, as it were, to "prime the pump" by providing the claimant with the increase in respect of the beginning of a period of unemployment and so to enable him to qualify for the continued payment of the increase by making the necessary contributions to satisfy section 6(4).

9. Pausing here for a moment, I am satisfied that by virtue of regulation 5C(1)(b), as explained in Decision R(U) 11/62, the claimant is entitled to be paid the increase in respect of Valerie for the week from 17th to 23rd May 1963, both days included. As was explained in that decision, what has to be considered is whether the conditions in regulation 5C(1)(b) were satisfied during the week immediately preceding the one in question. In this case they were. As already explained, Valerie was included in the claimant's family, and apart from section 6(4) the claimant was not during the preceding week entitled to receive an increase of unemployment benefit in respect of Valerie since he was not unemployed. By virtue of regulation 5C(1)(b) therefore the claimant must be deemed to have been contributing towards the cost of providing for Valerie at a weekly rate not less than that required by section 6(4). In respect of that week from 17th to 23rd May therefore I accept the contention of the insurance officer now concerned with the case that the claimant is entitled to the increase in respect of Valerie.

10. With regard to the two days, Friday and Saturday 24th and 25th May 1963, in her written submission the insurance officer now concerned with the case contended that the increase was not payable even for Valerie in respect of those days. The claimant then requested an oral hearing, but after it had been granted he intimated that he would not attend it. It was therefore cancelled. The insurance officer now concerned then herself requested an oral hearing stating that she would support the claimant's appeal in relation to Valerie and would seek to have further elucidated the requirements of section 6(4)(ii) and regulation 5C(1)(b) with particular reference to paragraphs 17 to 19 of Decision R(U) 11/62. This request for an oral hearing was granted.

11. At the hearing counsel for the insurance officer submitted that the claimant was entitled to the increase in respect of Valerie for 24th and 25th May on the following grounds. He explained that the claimant, having become unemployed on Friday 17th May, would in the normal course have signed on at the employment exchange on that day and would have been instructed to sign on again on the following Wednesday (the 22nd), when he would have been told to sign on again on the following Friday (the 24th). On the 24th he would have been paid benefit down to Wednesday the 22nd. At the hearing counsel handed to me a paper containing nine propositions of law relating to regulation 5C(1)(b). One of them reads as follows:—"When a person is on benefit he cannot ordinarily be expected to pay over a sum on account of an increase in respect of a particular week until after the increase in respect of that week has been paid to him and if, as is frequently the case, the increase in respect of the particular week in question is not paid to him until after that week has passed it should not be withheld simply because he has not paid over the increase which, of course, he has not received".

12. I think that it would have been much better if these important propositions had been incorporated in a further submission and



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served on the claimant, so as to give him the opportunity of submitting, if he was able to do so, any further arguments in support of them. In the circumstances I am not prepared to express any opinion on the remaining eight propositions and it is only with some hesitation that I feel justified in dealing with this one, in view of the fact that this fresh case is favourable to the claimant, that it affects only an increase of benefit for two days, and that the claimant has had an ample opportunity of attending the hearing if he wished to do so.

13. The conclusion which counsel sought to draw from this proposition was that the condition in section 6(4)(ii) was satisfied in respect of the two days because (a) in fact contributions to the cost of providing for Valerie were being made at the necessary weekly rate, or alternatively (b) using the metaphor suggested by the insurance officer and accepted in paragraph 17 of Decision R(U) 11/62 the pump was not effectively primed until the claimant had been actually paid the increase.

14. I have carefully considered these propositions, especially as they are put forward on behalf of the insurance officer in favour of this claimant and other claimants. In my judgment it is impossible to accept them.

15. The last contribution which the claimant in fact made was on 27th April, three weeks before he became unemployed. Since the insurance officer disallowed the claim for the increase in respect of Valerie, amongst others, for a period which included the first week of unemployment from 17th to 23rd May 1963, and the local tribunal on appeal affirmed that decision, the increase for the two days has not been paid even now (March 1964). The effect of accepting this doctrine would therefore be remarkable. If it applies to two days after the first week of unemployment I can see no grounds on which it should be restricted to the first days or the first week or even the first month. The claimant would have somehow to be treated as contributing during a period, which might be a very long one, when in fact he made no contributions at all.

16. In my judgment it is impossible to hold that in fact contributions to the cost of providing for Valerie were being made at a weekly rate of not less than the necessary amount at the relevant time. This is a question which has to be decided as a matter of fact (Decision R(U) 11/62 paragraph 15). In my judgment the plain truth of the matter is that such contributions were not being made.

17. In Decision R(U) 11/62 an interpretation of regulation 5C(1)(b) was accepted, although it was not in accordance with the natural and ordinary meaning of the words, because it was impossible to give any effect at all to that provision if it was given its natural and ordinary meaning. It has the effect of causing persons to be treated as contributing to the cost of providing for their children although in fact they were not doing so, and I do not feel justified in giving it an extended and even more artificial meaning. The state of affairs described in paragraph 17 of Decision R(U) 11/62 is one which may arise but does not necessarily do so. Priming the pump therefore may, or may not, be necessary. In my judgment if the doctrine accepted in paragraphs 16 to 19 of Decision R(U) 11/62 is to be extended, this must be done by amending the regulation and not by decisions of the statutory authorities.

18. For these reasons the claimant's appeal, so far as it relates to the increase in respect of Valerie for the first week of unemployment, is allowed, but otherwise it is dismissed.

#### Decision No. R(U) 11/64 (9th January 1964)

##### Whether unemployed—payment made in pursuance of an implied agreement when no work was available

A casual dock worker attended at the docks one Sunday night, expecting to start work at midnight. The work did not become available, and, as was the practice in the circumstances, he was paid the sum of £1 as "disappointment money." Such a payment was provided for in an industrial Agreement, which the claimant contended did not apply to casual workers. He claimed that the sum paid to him was an *ex gratia* payment which did not prevent him from being unemployed; further, that if he was engaged at all the engagement came to an end before midnight, so that he was unemployed on the Monday. Held that the claimant was not unemployed on the Monday. Even if the written Agreement did not apply to him the payment which he received was not gratuitous: the conduct of the employers and casual workers showed that it was made in pursuance of an implied agreement, which in effect provided a guarantee of part wages for the period when he would otherwise have worked. Decision R(U) 5/58 compared.

#### Decision of the Commissioner

1. My decision is that the claimant is not entitled to unemployment benefit for Monday 8th April 1963.

2. He is a casual lumper who works odd days in the Grimsby docks mainly unloading fish. The procedure is that he reports to the employment exchange in the afternoon and either is or is not given a green card. If he is given one he attends a call stand and either is or is not allocated to a particular ship at a stated time.

3. On the evening of Sunday 7th April 1963 the claimant, who evidently had been allocated to a ship which was expected to start unloading at midnight, went from his home to the docks. Owing to the tide it was evident that the ship could not berth in time. The claimant was therefore paid 9s. 5d., made up of £1 less 10s. 7d.—his share of a week's National Insurance stamp. According to the uncontradicted statement of his representative, which I must accept, the payment was made on the Sunday evening before midnight. The question for decision is whether the Monday can be treated as a day of unemployment.

4. The rights and duties of registered dock workers in these docks are regulated by a scheme which as amended is set out in the Dock Workers (Regulation of Employment) (Amendment) Order 1961 [S.I. 1961 No. 2107]. The scheme is to be found in the schedule to that Order, to which the claimant has helpfully referred me. The claimant contends that he is not a registered dock worker and on the evidence I must accept that as being correct. The scheme is concerned mainly with registered dock workers but it is clear that others can in

certain circumstances be employed in the docks (see paragraph 10 of it).

5. There was in force also an Agreement dated 30th January 1956 between the Grimsby Trawler Owners' Association and the Transport and General Workers Union. On the fact of it this Agreement applies to all lumpers irrespective of whether they are registered dock workers (see Clause 1) and the Agreement provides that where labour has been engaged for midnight landing and the vessel fails to arrive in dock by 12.30 a.m. each man shall be entitled to payment of 20s. disappointment money unless transferred to another vessel... (see paragraph 10(3) of the schedule). The claimant however contends that this Agreement does not apply to a casual worker like him, and that the payment made to him on this occasion was an *ex gratia* payment which does not prevent him from being unemployed. The representative of the Union however who appeared on behalf of the claimant before the local tribunal seems to have argued the case on the basis that the Agreement did apply to the claimant. He produced a copy of it and referred to it as being relevant. He relied on a note in the same schedule which provides that if the vessel will not enter the lock pits the men may be disengaged forthwith by the owners' representative. The representative's contention was that, if the claimant had on this occasion been engaged at all, his engagement had come to an end before midnight and therefore he was not employed on Monday.

6. I should hesitate long before deciding that the Agreement did not apply to casual workers in view of the very serious possible consequences to them of not having an agreement protecting their rights in many matters. If I had thought it necessary to decide this question I should have asked for further assistance at an oral hearing. I have however come to the conclusion that this claim cannot succeed whether the written Agreement applies to the claimant or not.

7. To qualify for unemployment benefit the first thing that the claimant must prove is that the Monday was a day of unemployment within the meaning of section 11 of the National Insurance Act 1946 (see regulation 6(1)(a) of the National Insurance (Unemployment and Sickness Benefit) Regulations 1948 [S.I. 1948 No. 1277]).

8. Having fully considered everything that has been said, I am satisfied that the true inference from the facts is as follows. The payment of 20s. (less the stamp money) was made in pursuance of what amounted to a guarantee of part wages for the period which the claimant would work on Monday if the ship docked in time. I do not think that it matters whether it was paid before or after midnight. What does matter is in respect of what period it was paid, which in my judgment was from midnight onwards. If the written Agreement applied to the claimant then the payment was made under the Agreement in accordance with the claimant's agreed rights. If on the other hand the written Agreement did not apply to the claimant nevertheless in my judgment this was an *ex gratia* payment. It is not suggested that it was made only on one isolated occasion. It was the payment always made in such circumstances. I think that, if the employers had on this occasion said that they chose not to pay the claimant anything, he would not only have been extremely angry but would have felt that he was not being given something to which he was legally entitled. Put in a somewhat different way, if this Agreement did not apply to the casual workers, in my judgment it was a term of the arrangements between the employers and the claimant, to be implied from the course of conduct of the employers and persons in the position of the claimant, that he should be paid 20s. disappointment money in the same way as the registered workers.

9. In the circumstances in my judgment the claimant cannot be regarded as having been unemployed on the Monday. Although I see the force of the argument of the claimant's association, I think that any other conclusion would be inconsistent both with the whole theory relating to guaranteed weekly wages and with decisions relating to individual days such as Decision R(U) 5/58. Where employers have agreed to pay and do pay a certain wage for a week whether the employee works or not, no day in that week can be regarded as a day of unemployment. In Decision R(U) 5/58 the claimant's agreement provided that he was entitled to double wages plus a fixed sum if he worked on Whit-Monday, and to the fixed sum only if he did not work on that day. A day or two beforehand he was notified that he would not be required to work on Whit-Monday. He was paid the fixed sum. It was held that he could not be regarded as unemployed on that Monday. That case seems to me indistinguishable from the present one.

10. The claimant's appeal must be dismissed.

#### Decision No. R(U) 17/64 (24th March 1964)

##### Misconduct—loss of employer's money

An insurance agent returned his books to his employers, explaining that about three months previously he had lost some £400 of the firm's money. He gave no proper account of how he lost it. The employers did not discharge him but regarded the employment as having been terminated. Held, by reference to Decision R(U) 8/57 that the claimant lost his employment through his misconduct. If an employee cannot account for his employer's money it is incumbent upon him to provide an explanation which is consistent with the exercise of due care. Failure to do so may justify an inference of carelessness of a type and degree amounting to misconduct. This was so in the present case. It was therefore not necessary to consider whether the claimant voluntarily left his employment without just cause.

#### Decision of the Commissioner

1. My decision is that the claimant is disqualified for receiving unemployment benefit from 3rd April 1963 to 14th May 1963 (both dates included) on the ground that he lost his employment through his misconduct: in terms of section 12(2)(a) of the National Insurance Act 1946.

2. Section 12(2)(a) above-cited provides that a person shall be disqualified for receiving unemployment benefit for a period not exceeding six weeks if "he has lost his employment in an employed

contributor's employment through his misconduct, or has voluntarily left such employment without just cause."

3. The claimant is a married man aged 41 years. From 1957 until 2nd April 1963 he was employed as an insurance agent. On that date he wrote to his employers saying—"Please find collecting book, round book, etc., enclosed. I am handing in my books as I cannot complete my account. I have completely broken down and cannot stand the strain any longer." He went on to explain that during the first week of the year he had lost his wallet with some £400 of his employers' money. He had not informed the employers of this at the time, but tried to cover up in various ways. He concluded—"I am going to the doctor's tomorrow morning and will not be able to finish my account. I am enclosing all the cash I have. I am very sorry all this has happened but at least I have got it off my chest at last."

4. The claimant subsequently claimed unemployment benefit, and accordingly the usual inquiries were made as to the circumstances in which his employment had terminated. Among other matters, the employers were asked—"Did you discharge the claimant?" and to this their answer was—"No, but we regarded his employment as having been terminated when he failed to render his accounts and account satisfactorily for the money collected on our behalf."

5. On 30th April 1963 the local insurance officer decided that the claimant was disqualified for receiving unemployment benefit for the period of six weeks specified in paragraph 1 above "because he voluntarily left his employment without just cause". The claimant appealed to the local tribunal, and appeared before them on 3rd July 1963. The tribunal refused the appeal, and recorded the following grounds of decision. "Tribunal consider that claimant's actions can properly be regarded both as having given up employment without just cause and a discharge for industrial misconduct."

6. The claimant appealed to the Commissioner. It seemed to me that it might well be in the claimant's interests that he should have an opportunity of explaining certain aspects of the case in greater detail. I therefore put the case out for oral hearing. The date of hearing was duly intimated to the claimant: but ultimately, on the day before the hearing and after various reminders, he wrote to say that he was not to attend. The hearing accordingly proceeded in his absence.

7. "Loss of employment" is a more comprehensive phrase than "leaving voluntarily": because loss of employment may result either from voluntary leaving or from dismissal. In considering whether employment has been lost through misconduct, therefore, it is not always necessary to determine categorically whether the person concerned left voluntarily, or was dismissed. Plainly the employment in the present case was lost: and the question comes to be—why was it lost? It was lost because the claimant was—on his own admission—unable to continue in his employment, even if his employers had been prepared to allow him to do so. And the reason for this was that the claimant was unable to account for his employers' money, because of the loss of some £400.

8. It is not to be assumed that the loss of employers' money by an employee necessarily, in all cases, constitutes misconduct. Such loss may be due to the wrongful act of a third party—as when a bank messenger is set upon and robbed—or to carelessness, or to sheer misfortune. A man may quite innocently have his pocket picked. But the suggestion that such a loss was due to sheer misfortune naturally invites consideration as to whether lack of due care was involved. Whether there was lack of due care, and whether (if so) it amounted to misconduct in the sense of the Statute, may be questions of degree. As was pointed out in Decision R(U) 8/57, misconduct in the sense of the Act implies an element of blame-worthiness. It may be constituted by mere carelessness; but it is too much to expect that all people will at all times be entirely careful; and in considering whether a person has been guilty of misconduct it is necessary to discriminate between that type and degree of carelessness which may have to be put up with in human affairs, and the more deliberate or more serious type of carelessness which justifies withholding unemployment benefit because the employee has lost his employment through his own avoidable fault.

9. An employee who has charge of his employer's money is under a duty to exercise care to safeguard that money; therefore, if he loses it, or is otherwise unable to account for it, it is incumbent upon him to explain the loss in a way consistent with the exercise of due care. If he fails to do this, the inference is obviously justified that he has failed to exercise proper care; and this, in turn, may well constitute misconduct, as explained above. The claimant in the present case says that he was carrying the money in his wallet, and that on 8th January 1963 (which was a Tuesday), when he was on his second or third call in house-to-house collecting, he discovered the wallet was gone. There is evidence that it is only in exceptional circumstances that a collector would be carrying a sum of the order of £400: and the claimant has entirely failed to explain whether there were any exceptional circumstances to justify his having carried so large a sum on his person on the occasion in question. Nor has he offered any proper explanation as to how the wallet came to be lost. He has, in other words, failed to suggest—and still less to establish—any explanation of the loss consistent with the exercise of due care on his part. This justifies the inference of carelessness amounting, in the circumstances, to misconduct. On this view it is not necessary to consider whether the claimant's actions after he discovered the loss amounted to further misconduct. I hold that the claimant lost his employment through his misconduct, and I do not find it necessary to discuss whether, alternatively, he might equally well be held to have left his employment voluntarily without just cause.

10. Disqualification for receiving unemployment benefit was thus incurred, in terms of the Statute, for the period of six weeks stated at the head of this decision.

11. The appeal of the claimant is not allowed.

## Retail Prices Overseas

In the table below a summary is given of the latest information relating to changes in retail prices in overseas countries contained in official publications received since last month's issue of this GAZETTE was prepared.

Country	Index base 100*	Month for which index figure given	Items covered†	Index figure	Rise (+) or fall (-) of index figure (in index points) compared with	
					Month before	Year before
European countries						
Belgium ..	1953	July 1964	{ All items Food	120.84 121.4	+0.96 +1.6	+5.93 +6.7
Finland ..	1957	May 1964	{ All items Food	133 136	+1 +2	+13 +16
France ..	1962	July 1964	{ All items Food	108.2 108.5	+0.3 +0.4	+3.1 +3.6
Irish Republic ..	1953	Aug. 1964	{ All items Food	138.8 134.7	+1.7‡ +1.9‡	+11.5 +11.5
Italy (large towns)	1961	July 1964	{ All items Food	120.4 120.1	+0.7 +0.7	+8.4 +7.7
Netherlands ..	1959-60	Aug. 1964	{ All items Food	114 115	Nil Nil	+10 +11
Norway ..	1959	July 1964	{ All items Food	118.2 122	+1.7 +3	+6.6 +11
Portugal (Lisbon)	1948-49	July 1964	{ All items Food	122.6 124.0	Nil -0.1	+7.3 +12.8
Spain ..	1958	June 1964	{ All items Food	133.8 132.2	+1.8 +2.9	+7.7 +4.4
Switzerland ..	1939	Aug. 1964	{ All items Food	208.3 220.7	+0.5 -0.1	+6.1 +3.1
Other countries						
Australia (6 capital cities)	1952-53	June 1964	{ All items Food	127.0 128.5	+1.2‡ +2.5‡	+2.1 +4.0
Canada ..	1949	Aug. 1964	{ All items Food	136.1 135.1	-0.1 -0.3	+2.2 +1.9
Israel ..	1959	May 1964	{ All items Food	131.4 114.0	+1.6 Nil	+6.1 +1.1
New Zealand ..	1955*	June 1964	{ All items Food	1261 1175	+11‡ +15‡	+37 +58
South Africa (9 urban areas)	1958	May 1964	{ All items Food	108.2 107.3	-0.1 -0.2	+2.2 +3.3
United States ..	1957-59	June 1964	{ All items Food	108.0 106.2	+0.2 +0.7	+1.4 +1.2

## STATUTORY INSTRUMENTS

Since last month's issue of this GAZETTE was prepared, the under-mentioned Statutory Instruments, relating to matters with which the Ministry of Labour is concerned, either directly or indirectly, have been published in the series of *Statutory Instruments*. The list also includes certain regulations, etc., published in the series of *Statutory Rules and Orders of Northern Ireland*, additional to those contained in the lists appearing in previous issues of the GAZETTE. The prices shown are net; those in brackets include postage.

*The Wages Regulation (Rope, Twine and Net) (No. 2) Order 1964* (S.I. 1964/1445; 1s. 3d. (1s. 6d.)), made on 8th September; *The Wages Regulation (Rope, Twine and Net) (Holidays) Order 1964* (S.I. 1964/1446; 1s. (1s. 3d.)), made on 8th September; *The Wages Regulation (Sack and Bag) Order 1964* (S.I. 1964/1447; 8d. (11d.)), made on 9th September; *The Wages Regulation (Keg and Drum) Order 1964* (S.I. 1964/1452; 8d. (11d.)), made on 10th September; *The Wages Regulation (Ostrich and Fancy Feather and Artificial Flower) Order 1964* (S.I. 1964/1487; 8d. (11d.)), made on 15th September; *The Wages Regulation (Cotton Waste Reclamation) (Amendment) Order 1964* (S.I. 1964/1582; 3d. (6d.)), made on 24th September. These Orders were made by the Minister of Labour under the Wages Councils Act 1959.—See page 444.

*The Aerated Waters Wages Regulation (Amendment) Order (Northern Ireland) 1964* (S.R. & O. of Northern Ireland 1964/133; 5d. (8d.)); *The Road Haulage Wages Regulation (Amendment) Order (Northern Ireland) 1964* (S.R. & O. 1964/134; 5d. (8d.)). These Orders were made on 3rd September by the Ministry of Labour and National Insurance under the Wages Councils Act (Northern Ireland) 1945.—See page 444.

*The National Insurance (Claims and Payments) Amendment Regulations (Northern Ireland) 1964* (S.R. & O. 1964/120; 5d. (8d.)), made on 21st August by the Ministry of Labour and National Insurance under the National Insurance Act (Northern Ireland) 1946. These Regulations, operative from 7th September, are similar in scope, in relation to Northern Ireland, to the corresponding Regulations for Great Britain (see page 331 of the August issue of this GAZETTE).

\* Except New Zealand (1000).  
† The items of expenditure on which the "all items" figures are based are food, clothing, house-rent, fuel and light, and other or miscellaneous items.  
‡ The index is quarterly and comparison is with the previous quarter.  
§ See footnote \* on next page.



## OFFICIAL PUBLICATIONS RECEIVED\*

(Note.—The prices shown are net; those in brackets include postage).

**Agriculture.**—*Report on Safety, Health, Welfare and Wages in Agriculture, 1st October 1962 to 30th September 1963 (Including the Reports of Proceedings required by section 13 of the Agricultural Wages Act 1948 and section 21 of the Agriculture (Safety, Health and Welfare Provisions) Act 1956).* Ministry of Agriculture, Fisheries and Food. Price 1s. 9d. (2s.).

**Careers.**—*Choice of Careers.* No. 87. *Surveyor, Land Agent, Auctioneer and Estate Agent.* Ministry of Labour. Price 2s. (2s. 4d.).

**Development Districts.**—*Local Employment Acts 1960 and 1963. 4th Annual Report by the Board of Trade for the Year ended 31st March 1964.* H.C. 314. Price 1s. 3d. (1s. 6d.).

**Economic Situation.**—*National Income and Expenditure, 1964.* Central Statistical Office. Price 6s. (6s. 8d.).

**Industrial Directory.**—*Directory of Employers' Associations, Trade Unions, Joint Organisations, etc., 1960.* Amendment No. 19 (June 1964). Ministry of Labour. Obtainable on annual subscription only (12s. 6d. including postage).

**National Insurance.**—*Law relating to National Insurance (Industrial Injuries).* Supplement No. 10. Price 3s. 6d. (3s. 10d.); *Law relating to Family Allowances and National Insurance.* Supplement No. 21. Price 1s. 9d. (2s.). Ministry of Pensions and National Insurance.

**Pensions.**—*Royal Warrant concerning Pensions and other Grants in respect of Disablement or Death due to Service in the Military Forces during the 1914 World War and after 2nd September 1939.* Cmnd. 2467. Price 6s. 6d. (6s. 11d.); *Order by Her Majesty concerning Pensions and other Grants in respect of Disablement or Death due to Service in the Air Forces during the 1914 World War and after 2nd September 1939.* Cmnd. 2472. Price 6s. 6d. (6s. 11d.); *Order in Council dated 25th September 1964 concerning Pensions and other Grants in respect of Disablement or Death due to Service in the Naval Forces during the 1914 World War and after 2nd September 1939.* Ministry of Pensions and National Insurance. Price 7s. (7s. 6d.).

**Retail Prices.**—*Method of Construction and Calculation of the Index of Retail Prices (Studies in Official Statistics No. 6).* 3rd Edition, 1964. Ministry of Labour. Price 3s. (3s. 4d.).

**Safety, Health and Welfare.**—*Duties of Local Authorities: The Factories Act 1961.* 2nd Edition, 1964. Price 2s. (2s. 3d.); *Safety, Health and Welfare. New Series, No. 27. Precautions in the Use of Nitrate Salt Baths.* Price 2s. (2s. 4d.).—See page 418; *Offices, Shops and Railway Premises Act 1963.* SHW. 2. *Precautions needed on dangerous Machines.* Price 6d. (9d.). Ministry of Labour

\* Copies of official publications (including Orders, Regulations, etc.) referred to in this GAZETTE may be purchased from H.M. Stationery Office at any of the addresses shown in the next column or through any bookseller.

**Scotland.**—*Development and Growth in Scotland 1963-64.* Cmnd. 2440. Price 3s. 6d. (3s. 10d.).—See page 417.

**Wales.**—*Digest of Welsh Statistics, No. 10, 1963.* Ministry of Housing and Local Government. Price 8s. (8s. 6d.).—See page 417.

## NOTICE

## SUBSCRIPTIONS AND SALES

Annual subscription 34s. 0d.

All communications concerning subscriptions and sales of the MINISTRY OF LABOUR GAZETTE should be addressed to H.M. Stationery Office at any of the following addresses: York House, Kingsway, London W.C.2.; 423 Oxford Street, London W.1.; 13a Castle Street, Edinburgh 2; 39 King Street, Manchester 2; 35 Smallbrook, Ringway, Birmingham 5; 109 St. Mary Street, Cardiff; 50 Fairfax Street, Bristol 1; 80 Chichester Street, Belfast 1.

Communications with regard to the contents of the GAZETTE should be addressed to the Director of Statistics, Ministry of Labour, Orphanage Road, Watford, Herts. (Telephone: Watford 28500.)

## ADVERTISEMENTS

Applications concerning the insertion of advertisements in the GAZETTE should be addressed to the Director of Publications, H.M. Stationery Office, Advertisement Section, Atlantic House, Holborn Viaduct, London E.C.1. (Telephone: City 9876, extensions 147 and 148.)

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## SERVICES PROVIDED BY THE MINISTRY OF LABOUR

## EMPLOYMENT SERVICES

## Employment Exchanges

The main function of Employment Exchanges is to provide a free employment service for employers requiring workers and for workers—whether employed or not—seeking jobs. Vacancies which cannot be filled locally are circulated to Exchanges over a wide area and, if necessary, over the whole country.

## Ex-Regular members of H.M. Forces

Employment Exchanges form part of the Regular Forces Resettlement Service and at each one there is a member of staff to help ex-Regulars to secure civilian employment suited to age, experience and ability. Advice on employment prospects is also given to Regulars during their last few months of service.

## Professional and Executive Register

A service for professional people and for those seeking managerial, executive and trainee executive posts in industry and commerce is provided at 38 of the larger Employment Exchanges. Information is also given about careers opportunities in the professions and in industry and commerce.

## Nurses and Midwives

Many of the larger Employment Exchanges have specially trained staff to deal with the employment of nurses, midwives and those in related occupations. Qualified nurses give advice and, where necessary, conduct interviews.

## Disabled People

At every Employment Exchange there is a Disablement Resettlement Officer to help disabled people to find suitable employment, and to offer advice on industrial rehabilitation, training or sheltered employment. This service is available to all disabled people. The D.R.O. will also discuss with employers their responsibilities under the Disabled Persons (Employment) Acts and deal with questions arising out of the employment of disabled people. Blind Persons Resettlement Officers and Blind Persons Training Officers are available to assist in the resettlement of blind people.

## Resettlement Transfer Scheme

By the payment of grants and allowances, the Resettlement Transfer Scheme encourages unemployed workers to transfer from one area to another, to take up new employment and to achieve permanent resettlement. The facilities provided, include free fares, lodging allowances and household removal costs.

Further information about these services may be obtained at any Employment Exchange.

## THE YOUTH EMPLOYMENT SERVICE

Available locally through Youth Employment Offices, the Service is administered in some areas by the Ministry of Labour and in others by the Local Education Authorities. It gives advice to young people leaving school on their choice of work, helps them to find suitable jobs, advises them in their early years of employment and also assists employers to fill their vacancies for young workers.

School-leavers, other young people under 18 years of age and those beyond that age still at school full-time, should get in touch with the Youth Employment Office if they require advice and assistance in seeking work. Enquiries from parents about jobs for their children are welcome.

## TRAINING

## Vocational Training

Vocational training in about 40 skilled trades is provided free of charge at Government Training Centres widely distributed throughout the country. Courses, usually of six months' duration, are available for unskilled workers, disabled people and ex-Regulars who are suitable for training. Skilled workers who become redundant can be retrained in a new skill.

Where the facilities for training at a Government Training Centre are not suitable, training can be provided at a technical or commercial college or with an employer, and for severely disabled people, at special residential training colleges.

Good tax-free allowances are paid to trainees at full-time courses. Where necessary, an allowance is made for lodgings or travelling expenses.

## Supervisory Training

Training in supervisory skills is provided under the "Training Within Industry for Supervisors" scheme. Its object is to develop the skill of supervisors in instructing others, in human relations, in improving methods and in preventing accidents. The training programmes are known as Job Instruction, Job Relations, Job Methods and Job Safety. For office staff there is a special course on Office Supervision. Ministry Training Officers either give these courses themselves or train the employer's representative as a T.W.I. Trainer so that he can then conduct courses within his own firm.

## Instructor Training

Courses in industrial teaching techniques for apprentices and trade instructors are provided at the Ministry's Instructor Training Colleges at Letchworth (Herts.) and Hillington (Glasgow). These courses are specially designed for people who spend a considerable part of their working time giving instruction.

The Industrial Training Act 1964 gives the Minister of Labour powers to set up industrial training boards which are responsible

for seeing that sufficient workers are trained to meet the requirements of individual industries. Boards are able to raise a levy on employers in their industry and to pay grants to those who train to approved standards. A Central Training Council advises the Minister on training matters.

## INDUSTRIAL REHABILITATION

The Ministry provides free courses at 17 Industrial Rehabilitation Units covering the main industrial areas of the country. The Units cater for people over school-leaving age who, after completion of medical treatment or following long unemployment, need a gradual readjustment to working conditions and expert vocational help to fit them to return to work. They also provide expert advice as to the most suitable kind of work to take up if a change of job is necessary. Men and women still in employment may need advice of this sort when ill-health or advancing age is causing them difficulty in coping with their normal work.

The courses at the Industrial Rehabilitation Units last about eight weeks. Tax-free allowances are paid to cover maintenance and also, where appropriate, lodging costs and fares. At three of the Units there are residential places.

## SAFETY, HEALTH AND WELFARE

The Ministry is responsible for the administration and enforcement of the Factories Act 1961 and associated legislation. H.M. Factory Inspectors are available for consultation on all matters concerning the safety, health and welfare of workers employed in factories or at certain other premises subject to this Act, such as docks or places where building operations or works of engineering construction are in progress.

The address of the nearest office of the Inspectorate may be obtained from any Employment Exchange.

The Industrial Health and Safety Centre, 97 Horseferry Road, Westminster, London S.W.1 displays safety, health and welfare methods and appliances used in factories. It is open free to the public, and special arrangements can be made for taking groups round.

The Offices, Shops and Railway Premises Act 1963, which is concerned with the safety, health and welfare of workers in a wide range of non-industrial employment and which provides for minimum standards of accommodation and other facilities, makes various authorities (including local authorities, H.M. Factory Inspectors and Mine and Quarry Inspectors) responsible for enforcing its general provisions in different classes of premises.

Information or advice on the Act can be obtained from Town Clerks or District Inspectors of Factories.

## INDUSTRIAL RELATIONS

Industrial Relations Officers are attached to each Regional Office of the Ministry. They give assistance to industry in the formation and support of voluntary negotiating machinery and help in the prevention and settlement of trade disputes. They are available to give advice on such matters as personnel policies, the techniques of personnel management and problems of human relations at the place of work.

## Wages Inspection

The Wages Inspectorate helps employers and workers to interpret the provisions of the Wages Regulation Orders made under the Wages Councils Act 1959 and enforces the payment of minimum remuneration and the allowance of holidays with pay as prescribed. The Inspectorate also advises employers and workers about the effect upon them of the Baking Industry (Hours of Work) Act 1954, and is responsible for its enforcement.

Enquiries about these services should be made to the appropriate Regional Office (see below).

## PUBLICATIONS

A number of sale publications are issued by the Ministry. They include: *Ministry of Labour Gazette* (2s. 6d. monthly); *Statistics on Incomes, Prices, Employment and Production* (15s. quarterly); *Accidents—how they happen and how to prevent them* (2s. quarterly); *Careers Guide* (Loose leaf edition 15s. and bound edition 7s. 6d.); *The Offices, Shops and Railway Premises Act: A general guide* (2s. 6d.); and booklets in the *Choice of Careers and Safety, Health and Welfare* series (prices vary with booklets). The prices do not include postage.

In addition certain free leaflets are available at Employment Exchanges. Among these are leaflets on the Professional and Executive Register, the Youth Employment Service, Supervisory Training, Training within Industry, Industrial Rehabilitation, the Contracts of Employment Act and the Industrial Training Act.

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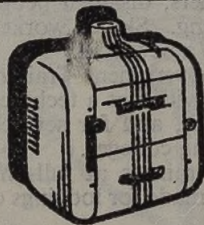
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