

WAGES 1. Coal. Percentage changes in wage rates, miners, South Wales, 1848 - 1939

General Notes

Note I. Sources. A. Dalziel, *The Colliers' Strike in South Wales*; p.8, for 1848-71, W.G. Dalziel, *The Monmouthshire and South Wales Coal Owners Association*, esp. pp. 104-8, for 1871-94; F.A. Gibson, *A compilation of statistics of the coal mining industry*, pp. 144-5 for 1880-1938.

(Applies to the whole table)

Note II. It is important to realise that this table attempts to trace the *changes* in wage-rates. Thus it gives the percentage change from time to time in the price paid for cutting and loading a ton of (large) steam coal (to take the most basic rate for South Wales), or in the daily rate for other tasks etc. It says nothing about (a) the actual cutting price (which would for a given seam vary from colliery to colliery and valley to valley, depending on a range of factors such as bargaining power, depth and state of the seam etc) , nor about (b) actual earnings (which again would depend on a wide range of factors such as individual strength and skill, state of the seam, age, regularity of work, etc) . The next table gives some overlapping information on average earnings (per shift and/or per week).

(Applies to the whole table)

Note III. From 1848 to 1871 the figures are based on the steam-coal collieries of the Aberdare valley. An extensive reading of other sources suggests that these are reasonably representative at least for miners producing for the export market in steam coal. They reflect less accurately the variations in wage-rates for other groups of coal-miners in South Wales: those producing for the major iron-works; those producing house coal; and those in the anthracite area in the west of the coalfield. These variations tended to be reduced in both size and significance after the formation of the Monmouthshire and South Wales Collieries Association in 1873 and with the increasing predominance of the steam-coal trade.

(Applies to the whole table)

Note IV. There were frequent revisions of the wage agreements. But the extent to which these under-mine the reliability of the variations is greatly reduced because the negotiations revolved around the same base year. Thus all the sliding scale agreements from 1880 on (1880, 1882, 1887, 1890, 1892, 1893, 1895 and 1898) as well as the succeeding conciliation board agreements (1903, 1905 and 1910) took the wage-rates of Dec. 1879 as their starting-point. (1879 was the lowest point reached by rates - and, probably, earnings - in the second half of the nineteenth century). From 1915 to the second world war the rates of July 1915 were taken as the base-rate for negotiations.

(Applies to the whole table)

Specific Notes

Note 1. From 1916 to 1921 the percentages exclude flat rate increases granted were of 1s 6d per shift in Sept. 1917 and June 1918, 2s in March 1919, 20 per cent in May 1920 and 2s in Oct. 1920. For these

years, therefore the percentage variations do not reflect the true variations in wage-rates.

(This note applies to all fields for the records 126 to 136.)

HDS Notes

Note 1. Values for 1908, 1909, 1914, 1916, 1917, 1918, 1919, 1920 and 1921 are not properly explained. These values have been extracted and isolated from their original position in order to make understandable the table.

(This note applies to all fields for the records 112 to 115, 122, and 126 to 132.)

Wages. 2 etc. Wages. Coal. Average earnings, 1840-1974: earning per shift, all workers, North Wales, 1888, 1914 and 1918-46 (quarterly), and South Wales, 1840-1914 (occasional dates) and 1918-46 (quarterly); and South Wales (per shift and weekly), 1945-75 (extract a).

General Notes

Note I. Sources.

(a) 1840-70, 1891: A.L. Bowley *Wages in the U.K. in the Nineteenth Century*, p.109. (Bowley's sources are: 1840; *Returns of Wages, 1830-86*; 1849, 1860, 1870: Dalziel, *Colliers strike in South Wales*; 1891: *R.C. on Labour, 5th Report, Part II*, p.39.

(b) 1888 and 1914 (note 4) J.W.F. Rowe, *Wages in the Coal Industry*, pp. 72-3 (he says 1888 figure is estimated d.)

(c) 1913 A.L. Bowley *Prices and Wages in the U.K. 1914-20*, p.154. Bowley's source is Cmd.361, pp. 5-6.

(d) 1914-1938 *Annual Reports of H.M. Chief Inspector of Mines* for 1921 to 1938.

(e) 1944-46 *Quarterly statistical Statement on Coal* issued as a parliamentary paper for these years, but from 1947 published by the N.C.B.

(f) 1945-75 (South Wales), N.C.B. *Annual Report and Accounts*. The figures relate to the south-western division (see notes to Coal table 3)

(Applies to the whole table)

Specific Notes

Note 1. The quarterly figures for 1918-46 refer to actual cash earnings, and exclude allowances in kind. Between 1927 and 1938, these varied between 2 1/4d and 3d per shift for North Wales, and 2 1/2d and 3 1/4d per shift for South Wales. Between 1944 and 1946, allowances were between 7d and 9d for North Wales, and 8d and 10d for South Wales.

(Applies to the whole table)

Note 2. The smaller figure is the average earnings of labourers; the larger that of hewers. Detailed figures are also available (Rowe, pp.72-3) for other classes of workers:

	North Wales	South Wales
	s. d.	s. d.
coal getters on day wage	3 6	4 4
putters, etc.	. .	3 4
timbermen, storemen, etc.	3 9	4 2

firemen

3 6

4 4

(This note applies to all fields for the record 49.)

Note 3. Detailed figures for South Wales are available for 1913 from the evidence presented by the Coal Controller to the Royal Commission on the Coal Industry, 1919, pp. 55-6.

	s. d.	
<i>Underground</i>		
hewers		8 8
putters, hauliers, trimmers, etc.	6 9	
storemen, brushers, rippers, etc.	8 3	
deputies, firemen, examiners, etc.	8 6	(day wage)
mechanical haulage - men		6 1
-boys	3 11	
other underground workers	5 8	
all underground workers		7 4

	s. d.	
3. <i>Surface</i>		
enginemen	6 6	
pitheadmen	5 5	
workers on screens - men	5 3	
- boys & girls	2 6	
stokers and boilermen	5 7	
mechanics, joiners, blacksmiths	5 10	
other surface workers	5 5	
all surface workers	5 6	

(This note applies to the field south_wales_s and south_wales_d for the record 74.)

Note 4. Detailed figures are available (Rowe, pp.72-3) for 1914 from a different source:

	N. Wales	S. Wales
piece'w'ork coal getters	8 0	9 4
coal getters on day wage	6 4 1/2	6 5
putters, etc.	5 10	6 7
timbermen, stonemen, etc.	6 2	7 8
firemen	7 3	7 9
labourers	5 5 1/2	5 9

(This note applies to all fields for the record 75.)

Note 5. The maximum hours of labour below ground were reduced from 8 to 7 per shift on 16 July 1919.

(This note applies to all fields for the record 83.)

Note 6. The range of earnings is suggested by the calculation that in November 1920 skilled piece-workers in South Wales received about 26s 1d per shift (compared to about 9s 2d in June 1914) and unskilled men received about 17s 11d (compared to 5s 8d in 1914); in North Wales

the comparable figures are 20s 7d (8s 4d) and 17s (5s 8d). See Rowe, pp 95-6.

(This note applies to all fields for the record 88.)

Note 7. On 1 May 1927, the production of coal at almost all mines stopped, and particulars of earnings for the last eight months of 1926 are not available. The figures given here relate only to the month of April.

(This note applies to all fields for the record 110.)

Note 8. The figures from January 1927 onwards under North Wales are those given under the heading "Cumberland, North Wales, South Staffordshire, Shropshire, Bristol, Forest of Dean, Somerset, and Kent". They are thus more representative of the smaller coalfields generally than of North Wales in particular.

(This note applies to all fields for the records 111 to 174.)

HDS Notes

Note 1. The values for 1888 ranged from the number appeared in the table to the following:

North Wales		South Wales	
s.	d.	s.	d.
4	1	4	10

(This note applies to all fields for the record 49.)

<range>76,1:76,5</range>

Note 2. The figures related to June 1914 and also those ones included in specific note 4 correspond to a three-month period beginning in June 1914.

(This note applies to all fields for the record 75.)

Wages. 2 etc. Wages. Coal. Average earnings, (1) 1840-1974: earning per shift, all workers, North Wales, 1888, 1914 and 1918-46 (quarterly), and South Wales, 1840-1914 (occasional dates) and 1918-46 (quarterly); and South Wales (per shift and weekly), 1945-75 (extract b).

General Notes

Note I. Sources.

(a) 1840-70, 1891: A.L. Bowley *Wages in the U.K. in the Nineteenth Century*, p.109. (Bowley's sources are: 1840; *Returns of Wages*, 1830-86; 1849, 1860, 1870: Dalziel, *Colliers strike in South Wales*; 1891: *R.C. on Labour*, 5th Report, Part II, p.39.

(b) 1888 and 1914 (note 4) J.W.F. Rowe, *Wages in the Coal Industry*, pp. 72-3 (he says 1888 figure is estimated d.)

(c) 1913 A.L. Bowley *Prices and Wages in the U.K. 1914-20*, p.154. Bowley's source is Cmd.361, pp. 5-6.

(d) 1914-1938 *Annual Reports of H.M. Chief Inspector of Mines* for 1921 to 1938.

(e) 1944-46 *Quarterly statistical Statement on Coal* issued as a parliamentary paper for these years, but from 1947 published by the N.C.B.

(f) 1945-75 (South Wales), N.C.B. *Annual Report and Accounts*. The figures relate to the south-western division (see notes to Coal table 3)

(Applies to the whole table)

Wages. 2 etc. Wages. Coal. Average earnings, (1) 1840-1974: earning per shift, all workers, North Wales, 1888, 1914 and 1918-46 (quarterly), and South Wales, 1840-1914 (occasional dates) and 1918-46 (quarterly); and South Wales (per shift and weekly), 1945-75 (extract c).

General Notes

Note I. Sources.

(a) 1840-70, 1891: A.L. Bowley *Wages in the U.K. in the Nineteenth Century*, p.109. (Bowley's sources are: 1840: *Returns of Wages, 1830-86*; 1849, 1860, 1870: *Dalziel, Colliers strike in South Wales*; 1891: *R.C. on Labour, 5th Report, Part II*, p.39.

(b) 1888 and 1914 (note 4) J.W.F. Rowe, *Wages in the Coal Industry*, pp. 72-3 (he says 1888 figure is estimated d.)

(c) 1913 A.L. Bowley *Prices and Wages in the U.K. 1914-20*, p.154. Bowley's source is Cmd.361, pp. 5-6.

(d) 1914-1938 *Annual Reports of H.M. Chief Inspector of Mines* for 1921 to 1938.

(e) 1944-46 *Quarterly statistical Statement on Coal* issued as a parliamentary paper for these years, but from 1947 published by the N.C.B.

(f) 1945-75 (South Wales), N.C.B. *Annual Report and Accounts*. The figures relate to the south-western division (see notes to Coal table 3)

(Applies to the whole table)

Wages 3. Agriculture. Nominal weekly wages, occasional dates, 1788-1882; average weekly earnings, occasional dates, by county, 1867-1917; minimum rates, by county, 1918-39; weekly earnings and hours, Wales, 1967-75. (Extract a).

General Notes

Note 1. Sources. A.L. Bowley, *Wages in the U.K. in the nineteenth century* (for 1788-1870); E.H. Hunt, *Regional Wage Variations in Britain* (for 1867-70) pp.62-3; Board of Trade, *Abstracts of Labour Statistics*, 6th to 17th (for 1898, 1902 and 1907); A.L. Bowley, *Prices and Wages in the U.K.*, 1914-20, p. 176(for 1914 and 1917; and for 1918-20); *Journal of the Min. of Agriculture*, XXIII-XLVI (for 1921-39): figures provided direct by Ministry of Agriculture and from *Annual Digest of Welsh Agricultural Statistics* (for 1967-75).

(Applies to the whole table)

Specific Notes

Note 1. South Wales ploughmen only.
(This note applies to the field 1813_nom_weekly_wages_1788-1870_d for the record 1.)

HDS Notes

Note 1. There is a second set of values for Monmouth between 1867 and 1870. This set originally appeared bracketed as: 13 6 actual.

(This note applies to the fields 1867-70_nom_weekly_wages_s, and 1867-70_nom_weekly_wages_d for the record 2.)

Wages 3. Agriculture. Nominal weekly wages, occasional dates, 1788-1882; average weekly earnings, occasional dates, by county, 1867-1917; minimum rates, by county, 1918-39; weekly earnings and hours, Wales, 1967-75. (Extract b)

General Notes

Note 1. Sources. A.L. Bowley, *Wages in the U.K. in the nineteenth century* (for 1788-1870); E.H. Hunt, *Regional Wage Variations in Britain* (for 1867-70) pp.62-3; Board of Trade, *Abstracts of Labour Statistics*, 6th to 17th (for 1898, 1902 and 1907); A.L. Bowley, *Prices and Wages in the U.K.*, 1914-20, p.176 (for 1914 and 1917; and for 1918-20) ; *Journal of the Min. of Agriculture*, XXIII-XLVI (for 1921-39): figures provided direct by Ministry of Agriculture and from *Annual Digest of Welsh Agricultural Statistics* (for 1967-75).

(Applies to the whole table)

Specific Notes

Note 2. The figures relate to married labourers, i.e., those not lodging in the farmhouse. The earnings include the estimated value of allowances in kind.

(Applies to the whole table)

Note 3. Includes labourers lodging in the farmhouse - covers all labourers regularly employed on the farm and in receipt of weekly wages.

(This note applies to the field 1898_ave_weekly_earnings_1867-1917_d for the record 10.)

HDS Notes

Note 1. Notes kept the original numbering.

(Applies to the whole table)

Agriculture. Nominal weekly wages, occasional dates, 1788-1882; average weekly earnings, occasional dates, by county, 1867-1917; minimum rates, by county, 1918-39; weekly earnings and hours, Wales, 1967-75 (Extract c).

General Notes

Note 1. Sources. A.L. Bowley, *Wages in the U.K. in the nineteenth century* (for 1788-1870); E.H. Hunt, *Regional Wage Variations in Britain* (for 1867-70) pp.62-3; Board of Trade, *Abstracts of Labour Statistics*, 6th to 17th (for 1898, 1902 and 1907); A.L. Bowley, *Prices and Wages in the U.K.*, 1914-20, p.176 (for 1914 and 1917; and for 1918-20); *Journal of the Min. of Agriculture*, XXIII-XLVI (for 1921-39): figures provided direct by Ministry of Agriculture and from *Annual Digest of Welsh Agricultural Statistics* (for 1967-75).

(Applies to the whole table)

Specific Notes

Note 4. Relates to wages for ordinary male workers, 21 years or older.

(Applies to the whole table)

Note 5. From 1921 to 1924 the month given is the terminal month of the wage agreement: from 1925 it is the starting month. The rate for Brecon and Radnor ran to January 1821.

(This note applies to the field 1921_Nov/Dec_s_d for the records 1 to 13.)

Note 6. The rate ran to November for Anglesey: May for Caernarvonshire; October for Cardiganshire and Pembrokeshire; September for Denbighshire and Flintshire; and January for Glamorganshire.

(This note applies to the field 1922_April_s_d for the records 1 to 13.)

Note 7. The rate ran to May for Caernarvonshire.

(This note applies to the field 1923_Nov_s_d for the records 1 to 13.)

Note 8. The rate ran to May for Carmarthenshire. The rates in brackets are those prevailing before the Agriculture Wages (Regulation) Act, 1924.

(This note applies to the field 1924_April_s_d for the records 1 to 13.)

<range>1,10:14,10</range>

Note 9. After 1924 the dates of changes in rates were:

Monmouthshire - March 1932; March 1935; and Sept. 1936, 1937 and 1938.

Glamorganshire - in March of the following years:

1925 and 1926; 1928. 1930; 1932. 1933 and 1934; 1937 and 1938.

Carmarthenshire - from November 1925; February 1932; November 1932; 1934, 1936 and 1937.

Cardiganshire and - From October 1925, 1933, 1934, 1935 and 1937 Pembrokeshire 1937

Breconshire and - from February 1925, May 1932, November 1934, Radnorshire May 1936, 1937 and November 1937.

Montgomeryshire and - from May 1925, 1928 and 1932; March 1933; Merionethshire and May 1935, 1937, 1938 and 1939.

Flintshire and - from February 1925, 1937 and Denbighshire 1938.

Caernarvonshire and- from June 1926, January 1933, Anglesey November 1933, December 1935 and December 1937.

(This note applies to the field 1925_s_d for the records 1 to 13.)

Note 10. The rates from 1925 on were related to a standard working week, the hours of which were:

<i>Monmouth</i>			<i>Glamorgan</i>			<i>Carmarthen</i>		
<i>Year</i>	<i>Summer</i>	<i>Winter</i>	<i>Year</i>	<i>Summer</i>	<i>Winter</i>	<i>Year</i>	<i>Summer</i>	<i>Winter</i>
1922	54		1925-35	54		1925-37	54	
1925-7	50	48	1936	52				
1928	52	50	1937	54				
1929-39	54	50	1938	52				
1939	50	48						

<i>Cardigan & Pembroke</i>			<i>Brecon & Radnor</i>			<i>Montgomery & Merioneth</i>		
<i>Year</i>	<i>Summer</i>	<i>Winter</i>	<i>Year</i>	<i>Summer</i>	<i>Winter</i>	<i>Year</i>	<i>Summer</i>	<i>Winter</i>
1925-7	54	50	1925-30	54	48	1925-35		54
1928-37	54	52	1931-7	54	50	1936		52
1938	53	51	1938-9	54	48	1937		54
						1938		52
						1939	50	48

<i>Flint & Denbigh</i>			<i>Caernarvon & Anglesey</i>		
<i>Year</i>	<i>Summer</i>	<i>Winter</i>	<i>Year</i>	<i>Summer</i>	<i>Winter</i>
1925-32		50	1925-36		50
1933-4	54	50	1937-9	50	48
1935-9	50	48			

(Applies to the whole table)

HDS Notes

Note 1. Notes kept the original numbering.

(Applies to the whole table)

Note 2. Given value for May.

(This note applies to the field 1923_Nov_s_d for the record 10.)

Note 3. Given value for January.

(This note applies to the field 1925_s_d for the record 5.)

Note 4. Given values apply to the whole range.

(This note applies to the fields 1918_s_d, 1919_May_s_d, 1920_May_s_d, and 1920_Aug_s_d for the records 1 and 2, 3 to 5, 6 to 9, and 10 to 13; field 1921_Nov/Dec_s_d for the records 6 and 7, 8 and 9, and 10 and 11.)

Wages 3. Agriculture. Nominal weekly wages, occasional dates, 1788-1882; average weekly earnings, occasional dates, by county, 1867-1917; minimum rates, by county, 1918-39; weekly earnings and hours, Wales, 1967-75 (Extract d).

General Notes

Note I. Sources. A.L. Bowley, Wages in the U.K. in the nineteenth century (for 1788-1870); E.H. Hunt, Regional Wage Variations in Britain (for 1867-70) pp.62-3; Board of Trade, Abstracts of Labour Statistics, 6th to 17th (for 1898, 1902 and 1907); A.L. Bowley, Prices and Wages in the U.K., 1914-20, p. 176 (for 1914 and 1917; and for 1918-20); Journal of the Min. of Agriculture, XXIII-XLVI (for 1921-39): figures provided direct by Ministry of Agriculture and from Annual Digest of Welsh Agricultural Statistics (for 1967-75).

(Applies to the whole table)

Specific Notes

Note 4. Relates to wages for ordinary male workers, 21 years or older.

(Applies to the whole table)

Note 10. The rates from 1925 on were related to a standard working week, the hours of which were:

<i>Monmouth</i>			<i>Glamorgan</i>			<i>Carmarthen</i>		
<i>Year</i>	<i>Summer</i>	<i>Winter</i>	<i>Year</i>	<i>Summer</i>	<i>Winter</i>	<i>Year</i>	<i>Summer</i>	<i>Winter</i>
1922	54		1925-35	54		1925-37	54	
1925-7		50 48	1936		52			
1928	52 50		1937	54				
1929-39		54 50	1938		52			
1939	50 48							

<i>Cardigan & Pembroke</i>			<i>Brecon & Radnor</i>			<i>Montgomery & Merioneth</i>		
<i>Year</i>	<i>Summer</i>	<i>Winter</i>	<i>Year</i>	<i>Summer</i>	<i>Winter</i>	<i>Year</i>	<i>Summer</i>	<i>Winter</i>
1925-7	54	50	1925-30	54	48	1925-35	54	
1928-37	54	52	1931-7	54	50	1936	52	
1938 53		51	1938-9	54	48	1937	54	
								1938
								1939
								50 48

<i>Flint & Denbigh</i>			<i>Caernarvon & Anglesey</i>		
<i>Year</i>	<i>Summer</i>	<i>Winter</i>	<i>Year</i>	<i>Summer</i>	<i>Winter</i>
1925-32		50	1925-36		50
1933-4	54	50	1937-9	50	48
1935-9	50	48			

(Applies to the whole table)

HDS Notes

Note 1. Specific notes kept the original numbering.

(Applies to the whole table)

Wages 3. Agriculture. Nominal weekly wages, occasional dates, 1788-1882; average weekly earnings, occasional dates, by county, 1867-1917; minimum rates, by county, 1918-39; weekly earnings and hours, Wales, 1967-75 (Extract e).

General Notes

Note I. Sources. A.L. Bowley, *Wages in the U.K. in the nineteenth century* (for 1788-1870); E.H. Hunt, *Regional Wage Variations in Britain* (for 1867-70) pp.62-3; Board of Trade, *Abstracts of Labour Statistics*, 6th to 17th (for 1898, 1902 and 1907); A.L. Bowley, *Prices and Wages in the U.K., 1914-20*, p. 176 (for 1914 and 1917; and for 1918-20); *Journal of the Min. of Agriculture*, XXIII-XLVI (for 1921-39): figures provided direct by Ministry of Agriculture and from *Annual Digest of Welsh Agricultural Statistics* (for 1967-75).

(Applies to the whole table)

Specific Notes

Note 11. The figures in brackets are from the *Welsh Digest of Agricultural Statistics*, the rest were provided direct by the Ministry of Agriculture.

(Applies to the whole table)

HDS Notes

Note 1. Figures in brackets referred in the specific note 11 were relocated into a two alternative columns (columns 4 and 6).

(This note applies to the field
agric_earnings_allhired_men_aged20+_ave_week_earnings for the records
2 to 7, and to the field
agric_earnings_allhired_men_aged20+_net_week_total_hours for the
records 2 to 7.)

Wages 4. Police. Maximum and Minimum rates of pay of Police constables, by county, 1902-14.

General Notes

Note I. Board of Trade, *Abstracts of Labour Statistics*, no figures for 1904, 1906 and 1910.

(Applies to the whole table)

Wages 5. Building. Hours and rates per hour, building trades, main towns, 1886-1914 and 1936

General Notes

Note I. Sources. Board of Trade, *Abstracts of Labour Statistics* (for 1894-1905; 1907-14, 1936); E.H. Hunt, *Regional Wage Variations in Britain 1850-1914* (for 1886 and 1906). Hunt's sources are: G.H. Wood unpublished wage statistics, library of Royal Statistical Society and Dept. of Employment; *Wages of the Manual Labour Classes*, P.P. 1893-4, LXXXVIII; *Earnings and Hours Inquiry*, III, P.P. 1910, LXXXIV.

(Applies to the whole table)

Note II. The summer hours for all craftsmen (except Plasterers), and for Labourers are given for every year from 1894 to 1914 as 54 per week (except for Swansea in 1914 where the hours are 53 1/2). The summer hours for Plasterers are given as 50 1/2 for 1894 to 1898, but thereafter become 54. The summer hours are not as consistently recorded - mostly being given only for 1894 to 1900, when they were 48 for Bricklayers; 47 1/2 (48 in Swansea in 1900) for Masons, Carpenters and Joiners; 54 for 1896-8 for House Plumbers (Cardiff) but 48 for 1898 and 1900 (Swansea); 44 1/2 for Plasterers 1896-8 (Cardiff), 47 in 1894 and 47 1/2 to 51 in 1900 (Cardiff); 48 for Painters (Swansea) in 1900 - the only information recorded. In 1936 the hours for all Craftsmen and Labourers were: 46 1/2 in summer, and 44 in winter.

(Applies to the whole table)

Specific Notes

Note 1. S = summer; W - winter. (See HDS Note

(This note applies to the field rates_perhour_houseplumbers_d for the records 20 to 27 and 33 to 37.)

Note 2. Trade union rate.

(This note applies to the field rates_perhour_painters_d for the record 36.)

HDS Notes

Note 1. Values referred in specific note 1 as (w) winter values are in all cases 9.00. These values have been extracted from the table in order to make it understandable.

(This note applies to the field rates_perhour_houseplumbers_d for the records 20 to 27 and 33 to 37.)

Note 2. The values appeared for these dates in the column of Labourers Bricklayers are common to the Labourers Plasterers too.

(This note applies to the fields rates_perhour_bricklayers_d, and rates_perhour_plasterers_d for the records 1 and 2, and 28 to 68.)

Note 3. The second value for this range is 6.00

(This note applies to the field rates_perhour_bricklayers_d for the record 21.)

Note 4. The second value for this range is 6.00

(This note applies to the fields rates_perhour_plasterers_d for the record 21.)

Note 5. The second value for this range is 5.50

(This note applies to the field rates_perhour_bricklayers_d for the record 22.)

Note 6. The second value for this range is 5.50

(This note applies to the field rates_perhour_plasterers_d for the record 22.)

Note 7. The second value for this range is 6.00

(This note applies to the field rates_perhour_bricklayers_d for the record 23.)

Note 8. The second value for this range is 6.00

(This note applies to the field rates_perhour_plasterers_d for the record 23.)

Note 9. The second value for this range is 6.00

(This note applies to the field rates_perhour_bricklayers_d for the record 24.)

Note 10. The second value for this range is 6.00

(This note applies to the field rates_perhour_plasterers_d for the record 24.)

Note 11. The second value for this range is 9.00

(This note applies to the field rates_perhour_houseplumbers_d for the record 15.)

Note 12. The second value for this range is 6.00

(This note applies to the field rates_perhour_bricklayers_d for the record 26.)

Note 13. The second value for this range is 6.00

(This note applies to the field rates_perhour_plasterers_d for the record 26.)

Note 14. The second value for this range is 6.00

(This note applies to the field rates_perhour_bricklayers_d for the record 27.)

Note 15. The second value for this range is 6.00

(This note applies to the field rates_perhour_plasterers_d for the record 27.)

Note 16. The second value for this range is 8.50

(This note applies to the fields rates_perhour_painters_d for the record 25.)

Note 17. The second value for this range is 8.50

(This note applies to the fields rates_perhour_painters_d for the record 36.)

Note 18. The second value for this range is 6.00

(This note applies to the fields rates_perhour_bricklayers_d, and rates_perhour_plasterers_d for the record 42.)

Wages 6. Engineering and Ship-Repairing. Rates for different trades, main ports, 1873 - 1968

General Notes

Note I. Sources. Bowley and Wood, *JRSS.*, 68 (for 1873); Board of Trade, *Abstract of Labour Statistics* (for 1886, 1894-1905, 1907-14, 1936); *British Labour Statistics, Historical Abstract. 1868-1968* (for 1880-1968 (for 1880-90, 1906, 1920-30, 1938-68); Bowley, *Prices and Wages in the U.K., 1914-20*, (for 1915-16).

(Applies to the whole table)

Specific Notes

Note 1. Some earlier figures for weekly wages are given in Bowley and Wood, *J.R.S.S.* vol. 68. The weekly rate for shipwrights in Newport was given as 27s. for 1863-7; 30s. for 1868-75; and 36s. in 1876. The rate for pattern-makers in Cardiff was given as 36s. for every year back to 1874. Bowley and Wood also give figures for 1880-1904 taken from the *Reports on changes in Wages and hours of Labour*, but the slightly different figures from the *Labour Abstracts* and the *Historical Abstract* have been preferred as a more reliable source.

(Applies to the whole table)

Note 2. Figures are also available for the following shipbuilding workers for 1886, for South Wales:

	s.	d.
fitters	35	8
ships carpenters and joiners	38	10
labourers	23	4

(This note applies to all fields for the record 14.)

Note 3. Relates to marine shops.

(This note applies to the fields `engineers_week_rates_turners_d`, `engineers_week_rates_fitters_d` and `engineers_week_rates_smiths_d` for the records 29, 31, 33, 35, 38, 40, 41, 43, 45, 48 and 50.)

Note 4. Relates to repair work.

(This note applies to the fields `boilermakers_iron_shipbuilders_weekly_rates_newwork_platers_heavy_boiler_shops_d` and `boilermakers_iron_shipbuilders_weekly_rates_newwork_rivettters_boiler_shops_d` for the records 29, 30, 32, 34, 36 and 39; fields `boilermakers_iron_shipbuilders_weekly_rates_newwork_platers_heavy_ship_yards_d`, `boilermakers_iron_shipbuilders_weekly_rates_newwork_platers_light_boiler_shops_d`, `boilermakers_iron_shipbuilders_weekly_rates_newwork_platers_light_ship_yards_d` and `boilermakers_iron_shipbuilders_weekly_rates_newwork_rivettters_ship_yards_d`, for the record 29; and for the field `shipwrights_week_rate_newwork_d` for the records 29, 31, 33, 34, 35, 36, 38, 39, 78, 79 and 80.)

Note 5. Rate per day.

(This note applies to the fields
boilermakers_iron_shipbuilders_weekly_rates_newwork_platers_heavy_boiler_shops_d and
boilermakers_iron_shipbuilders_weekly_rates_newwork_riveters_boiler_shops_d for the records 30, 32, 34, 36 and 39.)

Note 6. Rate for piece work.

(This note applies to the field shipwrights_week_rate_newwork_d for the record 26.)

Note 7. A figure is also available for shipbuilding labourers for 1936:Cardiff, Newport and Swansea 55s. 6d.

(This note applies to the field engineering_labourers_week_rate_d for the records 78, 79 and 80.)

Note 8. Figures are also given for iron-moulders (sand) for 1936:

	s.	d.
Cardiff	63	0
Newport	66	6
Swansea	7	0

(This note applies to all fields for the records 78, 79 and 80.)

HDS Notes

Note 1. There is a second number for each of these values. These second number is always 36.

(This note applies to the field shipwrights_week_rate_newwork_s for the records 32, 36 and 39.)

Note 2. There is a second number for each of these values. These second number is always 0.

(This note applies to the field shipwrights_week_rate_newwork_d for the records 32, 36 and 39.)

Note 3. The values for Cardiff in the table are the spring values. Winter values are the following:

1894	48
1896	48
1897	47
1898	47
1900	47
1901	47
1912	47

(This note applies to the field
boilermakers_iron_shipbuilders_week_hours for the records 22, 24, 25, 26, 29, 31 and 50.)

Note 4. There is a second set of values for Cardiff for the following years.

1902	47
------	----

1903	47
1905	47
Jly 1907	47
Jly 1908	47
Mar 1912	47

(This note applies to the field
boilermakers_iron_shipbuilders_week_hours for the records 33, 35, 38,
41 and 43.)

Wages 7. Rates of pay and hours for Printing trades, main towns, 1850-1868; Cabinet makers, 1901-14.

General Notes

Note I. Sources. Board of Trade *Abstracts of Labour Statistics* (for 1894-1914 and 1936); *British Labour Statistics, Historical Abstracts, 1886-1968* (for 1850-86, 1924-30, 1938-68); Bowley, *Prices and Wages in the U.K., 1914-20* (for 1915-20).

(Applies to the whole table)

Specific Notes

Note 1. Relates to evening newspapers.

(This note applies to the fields
print_trad_composit_min_week_rate_daily_n'papers_d and
print_trad_composit_max_week_hours_daily_n'papers for the records 53,
55, 57, 59, 62, 69 and 71.)

Note 2. Other figures given for 1936:

	Cardiff		Swansea		Newport	
	s.	d.	s.	d.	s.	d.
lino-type and mono-type operators (jobbing work)	74	6	74	6	71	6
general assistants (book and jobbing)	55	6	55	6	53	6

(This note applies to all fields for the records 100, 101 and 102.)

HDS Notes

Note 1. The second value for this range is 8.00

(This note applies to the field
cabinet_makers_etc_hourly_rates_cabinet_makers_d for the record 54.)

Note 2. The second value for this range is 7.50

(This note applies to the field
cabinet_makers_etc_hourly_rates_french_polishers_d for the record
54.)

Note 3. The second value for this range is 9.00

(This note applies to the field
cabinet_makers_etc_hourly_rates_upholsterers_d for the record 54.)

Note 4. The second value for this range is 8.00

(This note applies to the field
cabinet_makers_etc_hourly_rates_cabinet_makers_d for the record 56.)

Note 5. The second value for this range is 7.50

(This note applies to the field
cabinet_makers_etc_hourly_rates_french_polishers_d for the record
56.)

Note 6. The second value for this range is 9.00

(This note applies to the field
cabinet_makers_etc_hourly_rates_upholsterers_d for the record 56.)

Note 7. The second value for this range is 8.50

(This note applies to the field
cabinet_makers_etc_hourly_rates_upholsterers_d for the record 75.)

Note 8. The second value for this range is 8.50

(This note applies to the field
cabinet_makers_etc_hourly_rates_upholsterers_d for the record 77.)

Note 9. An extra column HDS1 has been added for the second values
given in these ranges.

(This note applies to the fields
print_trad_lithio_printers_week_rate_s,
print_trad_lithio_printers_week_rate_d and HDS 1 for the records 69,
71 and 73.)

WAGES 8. Earnings. Average weekly and hourly earnings, and average hours for manual workers over 20 in manufacturing, all industries, and selected individual industries, 1960 -75 (extract a).

General Notes

Note I. Sources.

(a) For Manufacturing and All Industries: *British Labour statistics. Historical Abstract. 1886-1968*, tables 57-9 (for 1960-8); *British Labour Statistics. Yearbooks* (for 1969-73); *Dept. of Employment Gazette*, 1975-6 (for 1974-5).

(b) For Individual Industries: for April 1960, April 1962-April 1968; *Ministry of Labour Gazette*, 1963-1968; for April and October 1961, *Statistics on incomes, Prices, Ministry of Labour Gazette*, June 1963 *Employment and Productivity*, Dec. 1963; for October 1968-October 1975; *Employment and Production Gazette*, 1969-76

(Applies to the whole table)

Specific Notes

Note 1. All industries mean manufacturing industry plus mining and quarrying (except coal), construction, gas, electricity and water, transport and communications, some miscellaneous services and public administration. From October 1967 postmen and dock workers on daily (or half-daily) engagements are included.

(This note applies to the fields `all_ind_ave_week_earnings`, `all_ind_ave_week_earnings_s`, `all_ind_ave_week_earnings_d`, `all_ind_ave_week_hours_worked`, `all_ind_ave_hourly_earnings_d` for all the records.)

WAGES 8. Earnings. Average weekly and hourly earnings, and average hours for manual workers over 20 in manufacturing, all industries, and selected individual industries, 1960 -75 (extract b).

General Notes

Note I. Sources.

(a) For Manufacturing and All Industries: *British Labour statistics. Historical Abstract. 1886-1968*, tables 57-9 (for 1960-8); *British Labour Statistics. Yearbooks* (for 1969-73); *Dept. of Employment Gazette*, 1975-6 (for 1974-5).

(b) For Individual Industries: for April 1960, April 1962-April 1968; *Ministry of Labour Gazette*, 1963-1968; for April and October 1961, *Statistics on incomes, Prices, Ministry of Labour Gazette*, June 1963 *Employment and Productivity*, Dec. 1963; for October 1968-October 1975; *Employment and Production Gazette*, 1969-76

(Applies to the whole table)

Specific Notes

Note 2. a = 1958 S.I.C.

b = 1968 S.I.C., figures continue on this basis from 1976.

(This note applies to all fields for the records 1, 2 and 3.)

HDS Notes

Note 1. In the specific note number 2 the figures of a) correspond to October of 1968 and the first values for October of 1969. The figures for b) are related with the second values for October of 1969.

(This note applies to all fields for the records 2 and 3.)

WAGES 8 Earnings. Selected Individual Industries (extract c).

General Notes

Note 1. Sources.

(a) For Manufacturing and All Industries: *British Labour statistics. Historical Abstract. 1886-1968*, tables 57-9 (for 1960-8); *British Labour Statistics. Yearbooks* (for 1969-73); *Dept. of Employment Gazette*, 1975-6 (for 1974-5).

(b) For Individual Industries: for April 1960, April 1962-April 1968; *Ministry of Labour Gazette*, 1963-1968; for April and October 1961, *Statistics on incomes, Prices, Ministry of Labour Gazette*, June 1963 *Employment and Productivity*, Dec. 1963; for October 1968-October 1975; *Employment and Production Gazette*, 1969-76

(Applies to the whole table)

Specific Notes

Note 3. This is the figure given in the Gazette. The Statistics on Income and Prices gives 282s. 5d. This latter figure has been used to calculate the earnings for April and October 1961 to keep them on the same basis as for the other industries.

(This note applies to the field ave_week_earnings_d for the record 2.)

HDS Notes

Note 1. (sic 1958).

(This note applies to all fields for the records 77 to 80.)

Note 2. (sic 1968)

(This note applies to all fields for the records 81 to 86.)

Note 3. (sic 1968)

(This note applies to all fields for the records 93 to 98.)

Note 4. The values for Average weekly earnings from Oct 1971 to Oct 1975 appear in £ rather than in s. d.

(This note applies to the fields ave_week_earnings_s and ave_week_earnings_d for the records 93 to 122.)

Wages 9. Income and expenditure. Household income and expenditure,
Wales and U.K., 1953-4 and 1961-73

General Notes

Note I. Sources. *British Labour Statistics, Historical Abstracts*, 1886-1968 (for 1953-4, 1962-3 and 1967-8); *British Labour Statistics Yearbooks* (for 1968-73).

(Applies to the whole table)

Specific Notes

Note 1. Figures relates to 1962 only. No figure available for 1961.

(This note applies to the fields ave_weeklyh'hold_income_uk and ave_week_income_perperson_uk for the record 2.)

Wages 10. Household amenities. Proportion of Households possessing certain amenities, Wales and U.K., 1964-73

General Notes

Note I. Sources. *British Labour Statistics, Historical Abstracts, 1896-1968* (for 1964-6); *British Labour Statistics Yearbooks* (for 1969-73).

(Applies to the whole table)