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Wages and wages determination in Australia in 2003

Martin Watts and William Mitchell¹

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Centre of Full Employment and Equity
The University of Newcastle, Callaghan NSW 2308, Australia
Home Page: http://el.newcastle.edu.au/coffee
Email: coffee@newcastle.edu.au

1. Introduction

In this paper we review the wage outcomes in 2003, as well as the institutional developments with respect to the determination of wages and conditions of employment. The macroeconomic environment is the fundamental determinant of the underlying state of the labour market and hence employment outcomes. Thus in the first section we briefly review the state of the macro-economy in 2003, which is followed by an analysis of wage outcomes under the different regimes of wage determination. We explore the time series data on earnings inequality for full-time employees. A detailed analysis of the Safety Net Case is undertaken. The flow through of industry hourly productivity gains into hourly wages by industry is subject to econometric investigation. Attitudes to executive compensation in the light of corporate scandals in 2002 are examined. In the penultimate section we outline rulings by the Australian Industrial Relations Commission (AIRC) and legislative changes in 2003 which will impact on the determination of wages and conditions of employment. Concluding comments are found in the final section.

2. The macroeconomic background

Macroeconomic forecasts continue to play a key role in the annual deliberations of the Australian Industrial Relations Commission (AIRC) about the appropriate safety net adjustment for award reliant workers. In addition, these forecasts influence the level of the cash rate set by the Reserve Bank and hence the structure of interest rates, which impact increasingly on households' living standards, given their growing levels of indebtedness.

In a stronger world economy, annual Australian real GDP growth to September 2003 remained below 3 per cent but the official rate of unemployment at year's end was 5.6 per cent, its lowest level since the 1980s. This decline was largely driven by the fall in the participation rate from 64.1 per cent in December 2002 to 63.8 in December 2003.² The Australian dollar appreciated about 20 per cent over the year and through its impact on import prices the inflation rate was just 2.4 per cent over the calendar year, well within the Reserve Bank's acceptable range. The inflation rate of non-tradeables was in excess of 4 per cent.

House prices in capital cities grew more than 15 per cent over the year. The demand for credit remained 'unsustainable' according to the Reserve Bank (RBA). The continuing growth in housing loans, particularly to investors, and the consequent rise in house prices led to a decline in housing affordability, notwithstanding the historically low interest rates. Consequently the average debt-servicing ratio³ for housing which stood at under 4 per cent in 1978, under 5 per cent in 1998, rose above 6 per cent in 2002 (RBA, 2003b: 21). Over commitment by some house buyers, which increased the maldistribution of household indebtedness, occurred at a time when the Federal Government continued to run budget surpluses, thereby increasing net household indebtedness and threatening the sustainability of economic growth. Even moderate interest rate increases could have a significant impact on living standards through rising mortgage repayments.

The Reserve Bank was well aware of the precariousness of the housing bubble, but keen to gently deflate it with interest rate increases, without forcing some home-buyers to sell their properties and precipitate an asset price collapse.

Towards the end of the year there was evidence of a marginal increase in the growth of wage costs reflecting a tighter labour market (Table 1), following stronger growth in consumption and investment, an improving rural economy following increased rainfall, as well as the strengthening world economy. This evidence underpinned the Bank's decision to raise the cash rate 25 basis points in November, ostensibly to achieve balanced sustained growth. The RBA acknowledged that the rate of inflation was likely to decline for the foreseeable future given the continued strengthening of the Australian dollar and its impact on the tradeable sector.

A further 25 point increase, which raised the cash rate to 5.25 per cent, took place in December to reduce the degree of economic stimulus from monetary policy. Once the impact of the appreciation of the Australian dollar on the price of tradeables had diminished, then the RBA anticipated that the CPI would be on a rising trajectory 'given the strength of domestic demand, firming labour market conditions and continuing strong price pressures in the non-tradeables sector of the economy' (RBA, 2003b).

3. Wage determination in 2003

In this section we examine the coverage of different forms of wage determination and the associated rates of money wage growth. The relationship between movements in real wages and productivity across industries is examined, along with the trend in earnings inequality for full-time employees. Brief reference is made to the controversial issue of executive compensation.

3.1 Coverage of agreements

There are a number of sources of Australian data on the incidence of different types of extant agreements. Researchers now have access to two issues of the ABS publication, *Survey of Employee Earnings and Hours* (2000 and 2002) which have data on the distribution of employees across different types of Federal and State agreements and the associated rates of pay. In May 2000, 23.2 per cent of workers were covered by awards only, 36.7 per cent by registered and unregistered collective agreements (35.2 and 1.5 per cent respectively) and the remainder (40.1 per cent) by registered and unregistered individual agreements. Only 1.8 per cent of all employees had written and formally registered individual contracts. Also the Government encouraged the making of collective, but non-union enterprise agreements, but at the end of 2001, the proportion of all workers covered by federal collective agreements who had non-union agreements was still only 9 per cent.

In May 2002, there were 20.5 per cent of all employees on awards only, representing 24.6 per cent of private sector employees and 4.6 per cent of public sector employees, and 38.3 per cent of all employees were covered by collective agreements (36.1 and 2.2 per cent) (ABS, 2003a). Thus the coverage of individual agreements, including common law contracts and registered individual agreements such as Australian Workplace Agreements, increased faster than collective agreements, but unregistered individual agreements exhibited the greatest absolute increase, since registered agreements only represent 2 per cent of all employees. Over the first five years since the Workplace Relations Act, the average duration of agreements increased from two years to thirty months.

In both May 2000 and May 2002 there was a monotonically rising incidence of collective agreements as the number of employees in the enterprise increased and conversely for individual agreements.

Collective agreements were most prevalent in the public sector and the utilities, while individual agreements were most common in the wholesale trade, property and business services and construction. Workers in Accommodation, Cafes and Restaurants had a high incidence of award only, followed by Retail and Health and Community Services. Across occupations, Elementary Clerical, Sales and Service Workers had the highest incidence of awards, Professionals tended to be the recipients of collective agreements and Managers and Administrators had a high incidence of individual agreements (ABS, 2003a).

The Department of Employment, Workplace Relations (DEWR, 2003) collects data on registered Federal agreements. At the end of September 2002, there were 14,450 Federal wage agreements across all industries covering an estimated 1,537,700 employees, who represented approximately 16.5 per cent of all employees, whereas there were 11,367 Federal wage agreements current in September 2003, covering an estimated 1,498,100 employees (DEWR, 2003). Thus many agreements lapsed over this period and were not renewed.

Over 2003 the number of AWAs approved per month steadily rose from about 8,000 at the end of 2002 to 11,536 in December 2003 (OEA, 2004). A total of 102,474 AWAs were approved out of 119,000 applications Australia-wide during 2002-03. Take up rates increased significantly in construction, wholesale trade and education but there were small decreases in the energy industry, finance and communications. In WA, 45,000 AWAs were lodged in 2002-03, representing a 300 per cent increase on 2001-02. In part this reflected the decision to abolish Western Australian workplace agreements (WAWAs), so mining personnel switched to AWAs.

3.2 Money wage growth

Since the advent of enterprise bargaining aggregate wage data have been very difficult to interpret. Many employees have unregistered agreements and wage increases may be granted in exchange for trade-offs with respect to other conditions and there are major compositional changes occurring in the workforce (Burgess, 1995).

The Australian Centre for Industrial Relations Research and Training (ACIRRT) collects data on State and Federal agreements which are registered each quarter. The average annual wage increase for certified agreements registered in the March quarter 2003 was 4.2 per cent (ACIRRT, 2003a: 1). In the June quarter the figure was 4 per cent (ACIRRT, 2003b: 2), but this increased to 4.5 per cent in the September quarter (ACIRRT, 2003c: 1). The disparity between union and non-union registered agreements increased to 1.4 percentage points (4.9 cf 3.5) in September. On the other hand, across industries, average annual wage increases in agreements operating in the September quarter ranged from 4.4 per cent (Electricity, Gas and Water) to 3.6 per cent (Mining).

ACIRRT also documents the features of a sample of high wage agreements. A number entailed the absorption of allowances and overtime. Remuneration tended to be linked to Key Performance Indicators (KPI's), rather than individual performance appraisals, both in the form of lump-sum bonus payments and cross-classification wage increases. Both rostering flexibility and functional flexibility were rewarded, with the latter often associated with the introduction of new classification systems.

While the comparison of the ABS data for May 2000 and 2002 provides an indication of the changing incidence of wages paid under different institutional arrangements, a comparison of the corresponding wage levels is less insightful, because the computation of say the growth in the pay of award reliant employees will reflect both the general increase in award wages, as well as the compositional bias induced by the change in the wage fixing arrangements for some workers. In addition, the data include workers of all ages, who are working both part-time and full-time. Consequently we do not report earnings growth from the ABS data over the two years under the different forms of wage fixing arrangement.

Full-time adult Average Weekly Earnings grew 6.0 per cent in the 12 months to November 2003, as compared to 5.2 per cent over the previous 12 months (AUSSTATS, 2004). These figures conflate changes in hourly wages, full-time hours and compositional changes. Industries exhibited a wide diversity of outcomes in the year to November 2003, ranging from Health and Community Services (10.4 per cent) and Accommodation, Cafes and Restaurants (-3.3 per cent). The annual rates of wage growth across industries across the two successive years (that is, to November 2002 and November 2003, respectively) exhibited a strong negative correlation (-0.24) which suggests that the timing of the wage agreements could strongly influence these aggregate industry figures, particularly when agreements tended to be in excess of two years..

On the other hand, the growth in Average Weekly Ordinary Time Earnings over the same period was 5.5 per cent, following 4.8 per cent in the year to November 2002 (AUSSTATS, 2004). The industry rates of wage growth had a correlation of -0.28 with growth rates over the previous 12 months.

In the year to September 2003, wage growth, as measured by the fixed weight Wage Cost Index, grew 3.6 percent (ABS, 2003b). This was just within the Reserve Bank's target band of 3.5-4.5 percent and represented a small increase in the rate of growth compared to the year to September 2002 (3.3 per cent). This year to year increase was composed of the growth of public sector wages (4.7 per cent), and private sector growth (3.2 per cent). Table 1 shows the annual percentage change in the wage cost indexes by industry. The fixed weights significantly reduce the wage variability.

Data from the Department of Employment and Workplace Relations show a modest upward trend in the average annualized wage increase (AAWI) per employee certified within the quarter over the 18 months to September 2003. Federal wage agreements formalised in the September quarter paid an AAWI of 4.1 per cent, marginally down from the 4.3 per cent in the June quarter.

Table 1 Annual Percentage Increases in Ordinary Time Hourly Rates of Pay Index, Excluding Bonuses, by Industry, September 2000-2002

	Sept 2000	Sept 2001	Sept 2002	Sept 2003		
	From Quarter of Corresponding Year					
Mining	2.6	2.9	4.3	2.7		
Manufacturing	3.0	3.8	3.4	3.4		
Electricity, gas and water supply	3.9	4.4	4.0	4.1		
Construction	4.5	3.6	3.0	3.9		
Wholesale trade	3.3	3.0	3.5	2.8		
Retail trade	2.7	2.3	3.3	2.6		
Accommodation cafes and restaurants	2.9	3.0	3.0	3.2		
Transport and storage	2.7	3.1	2.4	3.9		
Communication services	3.0	4.1	3.0	3.2		
Finance and insurance	3.2	3.8	3.5	3.4		
Property and business services	3.6	4.4	3.3	3.4		
Government administration and defence	2.7	3.6	2.8	4.6		
Education	3.2	4.4	3.8	3.8		
Health and community services	2.4	3.5	3.0	5.0		
Cultural and recreational services	2.9	3.1	3.4	4.0		
Personal and other services	3.0	3.3	3.6	3.4		
All industries	3.1	3.6	3.3	3.6		

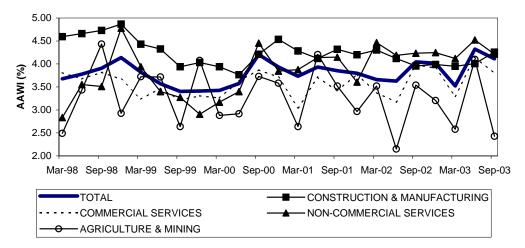
Source: ABS (2002c) Table 10

Figure 1 shows quarterly AAWIs per employee across groups of industries for new agreements certified in the corresponding quarter across industry groups from March 1998 to September 2003, based on currently weighted DEWR data. These new wage agreements, while exhibiting considerable volatility provide some indication of contemporary developments in wages bargaining, although they only represented over 22 per cent percent of extant agreements in September 2003.

Construction and manufacturing consistently yield the highest AAWIs. Commercial services have generally exhibited the third lowest AAWI, but this group comprises somewhat heterogeneous industries, ranging from Wholesale and Retail Trade to Finance and Insurance. Agriculture and Mining exhibit extreme volatility that probably reflects the relatively few agreements finalised in each quarter.

Thus the evidence is mixed on wage outcomes in 2003, reflecting the difficulty of collecting meaningful data. The wage cost series, which is the easiest to interpret, reveals a small (0.2 percentage point) increase over the 12 months to September 2003 and just places wages growth within the critical band identified by the RBA.

Figure 1 AAWI per Employee of Federal Agreements Certified within the Quarter by Industry Group, March 1998-September 2003



Notes: Manufacturing and construction are equivalent to the ANZSIC industries. Commercial services: Wholesale; Retail; Accommodation, cafes, restaurants; Transport; Communications; Electricity, Gas and Water, Finance and Insurance, Property and Business; Cultural and Recreation and Personal and Other. Non-commercial services: Education and Health, Government Administration and Defence and Community Services.

The estimates have been rounded since June 1999. Historical estimates have been revised, so the Figure may exhibit slight differences as compared to Figure 1 in Watts (2003).

The AAWIs are calculated as a weighted sum of the AAWIs per employee per ANZSIC industry with the weights given by the corresponding employment shares.

Source: DEWRSB (2003, various issues), author's calculations.

3.3 Earnings inequality

In an annual report of wage determination the year to year documentation of changes in earnings inequality is of marginal use, given the lag in releasing the annual wage data and the limited additional insights conveyed by each year's data. In its submission to the 2003 Safety Net Case, the Commonwealth documented Australian real total weekly earnings by percentile for the period May 1975- May 2002 (Commonwealth of Australia, 2003: 86). Taking May 1975 as 100, the highest percentiles exhibited the highest growth of real weekly earnings over the sample period with the 90th percentile registering an increase in excess of 25 per cent, whereas median earnings had grown approximately 15 per cent and the 10th percentile 4.9 per cent (see Figure 2). Between 1996 and 1999 real earnings at each percentile grew rapidly but, at the same time, the proportional disparity between percentiles increased. Real earnings then fell across all percentiles until 2001, with the disparities between the percentiles staying largely unchanged. Inequality between the percentiles started to widen over the period 2001-02. Overall the gap between the 90th percentiles and the median grew 3.5 per cent between May 1996 and May 2002, whereas the gap between the median and the 10th percentile rose 2.3 per cent. The Commonwealth concluded that similar processes were occurring in the Australia labour market, as in 'other advanced and dynamic economies such as the United States and the United Kingdom'. The Commonwealth made a virtue of the growing wage inequality by arguing that it enhanced the productivity and flexibility of the workforce by promoting incentive.

| 140.0 | — 10th percentile | 25th percentile | — X — 75th percentile | — X — 75th percentile | — X — 10th percentile | — X — 75th percentile | — X — 10th percentile | — X —

Figure 2 Australian real total weekly earnings, by percentile, for full-time adult non-managerial employees, 1975-2002.

Source: Commonwealth of Australia (2003, Figure 9.1) which utilizes published and unpublished data from ABS Survey of Employee Earnings and Hours (Cat 6305.0, 6306.0). The Survey was not conducted in 1982, 1984, 1997, 1999 and 2001. The results were obtained by linear interpolation. All series were deflated by the all groups CPI.

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These economic benefits were alleged to have been gained without compromising the living standards of the low paid due to the presence of income support systems. Indeed the Commonwealth was quite clear: earnings have continued to increase in real terms across the distribution, showing that low paid workers are benefiting from economic growth' (Commonwealth, 2003: 85). Significant real earnings growth did occur over the period 1996-2002, whereas median earnings grew a rather modest 5 per cent over the period 1983-1996 under the Labor Government. The significant real growth of earnings under the Coalition Government was accompanied by rising inequality, as measured by the percentile differentials. We explore this issue below in the context of the Safety Net Case.

In a recent paper Keating (2003) analyses the change in earnings inequality amongst full-time adult employees between 1975 and 2000. He claims that it is the change in the occupational composition of employment rather than changing wage relativities which is the source of the rising inequality. He concludes that Australia must increase its rate of job creation, especially full-time job creation, to achieve a sustainable improvement in income inequality.

3.4 The Living Wage Case

Introduction

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In November 2002 the ACTU filed its Living Wage Claim under the Workplace Relations Act (1996). The peak body requested a \$24.60 per week increase in all award rates of pay with an equivalent increase in wage related allowances (AIRC, 2003, para 1).

The Workplace Relations Act (1996, Section.88A) is designed to ensure that:

- (a) wages and conditions of employment are protected by a system of enforceable awards established and maintained by the Commission; and
- (b) awards act as a safety net of fair minimum wages and conditions of employment.

Under the Act (1996, Section 88B (2)b), the AIRC is required to have regard to 'economic factors, including levels of productivity and inflation, and the desirability of attaining a high level of employment' in setting appropriate minimum rates of pay, but also to take into account the need to provide fair minimum standards for employees in the context of general Australian living standards and the needs of the low paid. Sectoral outcomes must also be taken into account in determining the safety net adjustments (AIRC, 2003, para 174).

The Labor State and Territory Governments supported an increase of \$18 per week in the minimum wage and all minimum award rates (AIRC, 2003, para 13). The Commonwealth opposed the ACTU claim based on its adverse economic effects, but argued for a moderate increase of up to \$12 to minimum classification rates at or below the C10 classification (\$525.20) should be available on application with the increase to be fully absorbed into over-awards, including those from enterprise agreements and informal over-awards (AIRC, 2003, para 12). A \$12 a week increase would maintain the value of the Federal Minimum Wage. If the Commission were to award more than \$12, the Commonwealth argued that the increase should be phased in over no less than 18 months (AIRC, 2003, para 13).

Most employer groups favoured no increase, pointing to an uncertain economic outlook particularly in light of the drought, the state of the world economy and international instability. No party or intervener suggested that the Commission should apply a percentage adjustment.

In this Case there were no new substantive economic arguments presented. The major issues addressed in the submissions were the economic impact of the ACTU's demand and the appropriateness of the wage system, rather than the tax-transfer system, in addressing the needs of the low paid. We address each of these issues briefly below.

Economic Impact

Quoting both the Treasurer and the November 2002 RBA Statement on Monetary Policy, the ACTU argued that the Australian economy had performed strongly with continued positive economic growth, strong productivity growth in the market sector, employment growth and business investment, moderate wage growth, record high profits and a rate of inflation within the Reserve Bank target range (AIRC, 2003, para 19). Based on projections from Government agencies and the OECD (para 26), the peak body claimed that the overall prospects for 2003/04 were good, despite the effects of the drought and weaker overseas demand.

The Commonwealth acknowledged the positive economic outlook, but argued that the ACTU had failed to recognise the downside risks which had emerged since the forecasts were devised, including the geo-political tensions, sharp rises in oil prices, weak and volatile equity markets, higher exchange rates and weakening employment growth (AIRC, 2003, para 32). Industry groups also pointed to uncertain economic prospects.

The AIRC also noted the strong performance of the Australian economy, and the positive economic outlook, notwithstanding the weakness of the rural sector due to the drought (AIRC, 2003, para 67). Also the Commission could not discern any adverse impacts of the \$18 2002 Safety Net Decision. It was inappropriate to assume that the risks identified by business groups would necessarily materialize in the form of a worse case scenario (AIRC, 2003, para 93). Also, the Australian economy had revealed a capacity to resist external shocks, which had been noted by the OECD (AIRC, 2003, para 95). Finally, in line with Australian Council of Social Service, the Commission rejected the view that the low paid should carry the full burden of the economic uncertainty through wage restraint (AIRC, 2003, para 96).

The AIRC concluded that the aggregate growth in wage costs of the ACTU's claim would be less than the 2002 claim because the absolute dollar increase sought was lower, it was being applied to a higher level of award wages and would be received by a smaller proportion of employees reliant on award increases due to the continuing spread of enterprise bargaining (AIRC, 2003, para 139).

The ACTU drew on work by Dowrick and Quiggin who denied that there was conclusive econometric evidence that rising wage inequality, from the failure to adjust minimum wages, led to faster employment growth. Likewise evidence from the UK Low Pay Commission also failed to find major adverse effects on UK employment and hours arising from the introduction of the Minimum Wage, and it subsequent upratings (AIRC, 2003, paras 153-58).

The AIRC concluded that increases in the wages of the low paid would only have modest impacts on employment and would be confined to specific groups (AIRC, 2003, para 161). The Commission was convinced that the limited impact of the ACTU's claim on aggregate wages would in turn have a minimal impact on inflation (AIRC, 2003, para 179).

Drawing on UK and Australian evidence, the Commission dismissed the argument that enterprise bargaining promoted productivity growth, so that productivity growth would be lower in award reliant sectors subject to safety net increases (AIRC, 2003, para 180). A recent paper by Loundes, Tseng and Wooden (2003) acknowledges that the link between enterprise bargaining and faster productivity growth in Australia has yet to be established empirically, despite the resurgence in productivity growth in the 1990s.

In its deliberations, the Commission noted the uncertainty associated with the duration of the rural drought. In the context of relatively strong aggregate employment and hours growth, employment growth in the three most award reliant sectors, namely health and community services, accommodation, cafes and restaurants, and the retail industry, had significantly exceeded the total employment growth of 12.5 per cent since May 1996 (AIRC, 2003, para 149). These three industries constituted around one-third of regional employment. Thus any negative effects of a large wage increase would be amplified in drought-affected areas (AIRC, 2003, para 247). The UK Low Pay Commission also found that since the uprating of the minimum wage in October 2001, employment in low-paying sectors as a whole had been stronger than in the higher paying sectors (AIRC, 2003, para 158).

Wage adjustment and the social security system

Drawing on the NATSEM analysis of the Effective Marginal Tax Rate (EMTR), the ACTU challenged the claim that workers only received a little of a Safety Net adjustment due to a high EMTR (AIRC, 2003, para 207).

The Australian Industry Group repeated the Commonwealth arguments of 2002 that the determination of the SNA by the AIRC should take into account the interaction of the wages system and the income support system. In particular, wage increases for the low paid represented a low bang for the buck, due to the presence of wedges, so that wage earners would typically only receive between 20 per cent and 60 per cent of each dollar of a wage increase (AIRC, 2003, para 227). In addition, wage increases attracted additional oncosts.

The Commission's response was weak. It accepted the proposition that the tax-transfer system could provide more targeted assistance but pointed out that SN increases did convey benefits to the low paid (AIRC, 2003, para 225), so that safety net increases were an 'imperfect and partial mechanism for addressing the needs of the low paid' (para 226). The AIRC did indicate that the variation of awards to provide wage increases was the only tool available to it to address the "needs of the low paid" (AIRC, 2003, para 230).

In a previous review, Watts (2003: 192) noted that by arguing that SNAs were a limited means of achieving social equity, the Commonwealth appears to be trying to marginalise the Living Wage Case, thereby gaining greater discretion to determine the degree of economic inequality within the Australian economy, through manipulation of the tax-transfer system. Also, by limiting wage increases for the low paid, the Commonwealth was promoting static and dynamic inefficiency (Mitchell and Watts, 2002: 97).

The Commonwealth asserted that the key cause of inequality was unemployment and hence employment creation was needed to reduce income inequality in Australia rather than increasing the incomes of those in work (AIRC, 2003, para 217). Recent work, including Watts (2002) points to causality running from unemployment to wage inequality. The irony is that tight Federal monetary and fiscal policies in the form of relatively high interest rates and budget surpluses have been a major cause of persistent unemployment in Australia (Mitchell, 2001). A significant aggregate demand stimulus would be required to impact on wage differentials, given the significant levels of hidden unemployment and underemployment (Mitchell and Carlson, 2001). Further, in the context of growing real wages, the Commonwealth supported an increase in the Federal Minimum Wage of \$12 to maintain its real value, thereby sanctioning a widening of earnings inequality, given the overall growth of real wages. On the other hand, Dowrick and Quiggin advocated the indexation of minimum wages to the average or median wage, rather than the CPI to enable workers in low-pay occupations to share in the benefits of rising productivity (AIRC, 2003, para 151).

Decision

The Commission reaffirmed its view expressed in the 2002 decision that it should try to maintain a safety net of fair minimum wages for all award reliant employees (AIRC, 2003, para 248).

In its 7th Safety Net Adjustment since the Workplace Relations Act (1996), the Commission (2003, paras 241-253) granted a \$17 per week increase in award rates up

to and including \$731.80 per week; and a \$15 per week increase in award rates above \$731.80 per week. Consistent with the decision, the federal minimum wage was increased by \$17 to \$448.40 per week (2003, para 253). The extra increase for the low paid gave emphasis to their needs and slightly moderated the overall economic impact, as compared to a uniform adjustment of awards.

The usual conditions applied which included the full absorption of the award in over-awards where possible, and the phasing in of the increase no less than 12 months after the increases provided for in the May 2002 decision. Thus the AIRC rejected the Commonwealth recommendation that any increase in excess of \$12 should be phased in over 18 months, and attempts by the ACCI to delay the next Case until October 2004. In its decision the Commission reaffirmed the terms of the Economic Incapacity Principle.

In its submission to the 2004 Safety Net Case, the ACTU sought an increase in awards of \$26.60 per week with a commensurate increase in wage related allowances. If granted the ACTU claim would take the Federal Minimum Wage to \$475.00 per week or \$12.50 per hour.

4. Real wage and productivity movements

Mitchell, Muysken and Watts (2001) provide a detailed examination of the relationship between real hourly earnings and labour productivity by industry (measured as gross value added per hour) for Australia for the period 1985 to 2001. Special attention was paid to assessing the extent to which labour productivity growth was reflected in real hourly earnings and if the introduction of the Workplace Relations Act (1996) (hereafter WRA) affected this relationship in Australia. They found that productivity movements were only partially being passed on in the form of lower prices and/or higher nominal wage outcomes, so that in many industries (13 out of 16 ANZSIC excluding the farm sector), businesses were using the productivity gains to expand their margins. With more data now available we can better assess whether the WRA has allowed real wage movements to be more closely aligned to enterprise-level productivity growth.

Table 2 shows the annual average compound growth rates for employment (EMP), real hourly wages (RHW) and hourly productivity (LPH) by sector for 1990-2003 and 2000-2003. It is clear that the first period figures were heavily influenced by the significant recession in the early 1990s. Over the second period, employment growth was generally stronger with notable exceptions (Manufacturing, Accommodation, Cafes and Restaurants, Communications, Property and Business Services, and Cultural and Recreation Services). Real wage growth was stronger and productivity growth slower in the latter period but again there were exceptions. Real wages growth was negative in several of the growing service sectors (Accommodation, Cafes and Restaurants, Communications, Property and Business services, Personal and other services).

Table 2 Industry employment, real wage and productivity growth rates, Australia, 1990-2003

Sector	1990-2003			2000-2003		
	EMP	RHW	LPH	EMP	RHW	LPH
Mining	-0.69	1.43	2.80	4.33	0.00	-4.22
Manufacturing	-0.53	1.31	2.04	-1.21	1.72	2.45
EGW	-2.53	2.64	3.91	5.23	2.79	-4.21
Construction	2.02	0.53	1.37	3.10	2.51	4.13
Wholesale Trade	-0.91	1.10	4.67	0.00	1.66	3.64
Retail Trade	2.14	0.75	2.17	3.46	1.22	2.14
Accom, Cafes, Restaurants	3.02	0.92	0.59	0.76	-1.89	3.42
Transport	0.92	0.78	2.60	1.24	0.63	2.57
Communications	1.25	0.80	5.72	-0.19	-1.83	4.19
Finance and Insurance	-0.33	2.10	3.59	1.54	2.71	2.11
Property and Business	4.85	1.35	-0.20	2.60	1.29	1.77
Government and Defence	1.54	1.47	1.44	7.80	1.24	-3.18
Education	1.99	0.71	-0.01	3.62	0.83	-2.19
Health and Community	2.65	1.18	1.42	3.09	2.05	2.43
Cultural and Recreation	3.52	0.39	-0.28	1.50	5.06	0.13
Personal and Other	2.46	0.52	0.26	3.05	-2.32	0.73
Total Non-Farm	1.66	1.00	1.90	2.26	1.65	1.79

Source: see appendix. RHW is the real hourly wage, LPH is labour productivity measured per hour and EMP is total employment.

To examine the relationship between real wages growth and sectoral productivity growth we returned to the model in Mitchell *et al.* (2001) and estimated real hourly wages equations at the industry level in the following form (variables in logs):

(1)
$$(w/p)_{it} = \alpha_0 + \alpha_1 g_{it} + \alpha_2 g_{t-1} + \beta u_t + e_{it}$$

where w/p are hourly real wages in industry i, g_i is the corresponding output per hour worked in industry i, g is All-industry output per hour worked, and u is aggregate unemployment. Seasonally adjusted data was used.

This model allows us to discriminate between the influence of sectoral productivity on real hourly wages by industry relative to the impact of economy-wide productivity movements. The model was supplemented with a dummy variables designed to test for the impact of the Workplace Relations Act 1996 (various threshold effects were examined with the results reported using 0 prior to 1996:3 and 1 thereafter). The own elasticities reported in Table 3 refer to α_1 and the Industry elasticities refer to α_2 .

Only elasticities which are significant at the 5 per cent level are reported. Maximum likelihood estimation corrected for serial correlation was used and the equations were subjected to the usual diagnostic tests and were generally satisfactory.

The results show that for some industries, real hourly wages were driven by economywide productivity trends while for others; it was predominantly own-industry productivity that mattered. Only workers in the Education sector gain full compensation for their industry specific productivity increases. In 8 of the 17 industries (Mining, Manufacturing, EGW, Wholesale Trade, Property and Business Services, Government and Defence, Education, and Cultural and Recreational Services) the restriction that the sum of these statistically significant elasticities is unity was accepted. Workers in these industries were able to share in labour productivity growth within their own industry and/or the overall economy. In Mining, Communications, Finance and Insurance, Property and Business and Government and Defence, economy wide productivity growth was the sole source of the real wage growth. More industries now satisfy the unity restriction than was found in the earlier study by Mitchell et al. (2001). The other major difference is that the unemployment rate was less significant in the extended sample when compared to the results of Mitchell et al. (2001). Clearly, the continued improvement in the economy has allowed real wages to grow more in line with labour productivity.

Table 3 Real wage-productivity regressions, Australia, 1984 to 2003

Industry	Own Elasticity	Industry Elasticity	Unity Test	WRA	R^2
Mining		0.89	0.65*	-0.06	0.76
Manufacturing	0.26	0.68	0.66*	-0.03	0.92
EGW	0.13	1.13	0.28*		0.94
Construction	0.18		0.00		0.59
Wholesale Trade	0.16	0.83	0.98*		0.84
Retail Trade	0.33		0.00		0.84
Accom, Cafes, Restaurants		0.52	0.01		0.77
Transport			0.00		0.71
Communications		0.54	0.06*		0.82
Finance and Insurance		0.57	0.07*	0.08	0.93
Property and Business		0.66	0.04		0.85
Government and Defence		0.81	0.36*		0.91
Education	0.97		0.56*		0.88
Health and Community	0.31		0.00		0.83
Cultural and Recreation	0.49		0.00	-0.12	0.59
Personal and Other	0.21		0.00		0.68

Note: Own elasticity relates to sectoral productivity and the industry elasticity refers to the All industry effect. The Unity Test refers to a Wald test on the restriction that the productivity elasticity in total (own and industry equals unity. Prob values are reported for the Unity test with an * indicating acceptance of the null. Only statistically significant at 5 per cent level coefficients are reported. The unemployment exerted a significant negative influence on Construction and Cultural and Recreational Services only.

Despite the ability of workers to achieve real wages growth in line with productivity growth in the more recent period, there are still several industries where workers are not accessing productivity growth within their own sector or in the wider economy (Construction, Retail Trade, Transport and Storage, Communications, Finance and

Insurance, Health and Community Services, Property and Business, Personal and Other Services). These cases undermine the rationale of current policy, which is designed to promote the further decentralisation of wage setting. Industry productivity growth is thus being used to expand profit margins. In addition, however, with the exception of Education, even those industries which satisfy the unity test are increasing margins if national productivity growth is less than the own industry productivity growth. Over the period 2000-2003 this occurred in Manufacturing, Wholesale, Communications, Finance and Insurance, whereas in the remaining industries, satisfying the unity test, margins were cut.

The WRA has a significant negative effect for Mining, Manufacturing and Cultural and Recreational Services, whereas real hourly wages were higher for Finance and Insurance in this period (other things equal). The results reflect the findings of Carlson *et al.* (2001) who argued that the key share changes occurred in the 1980s rather than in the 1990s.

5. Executive Pay

Following a number of corporate scandals in 2002, there was an increased an increased public focus on the pay of Australian executives in 2003. In particular, there was a heightened sense of shareholder activism, as well as academic interest with a symposium in the Australian Economic Review. In a poll of retail investors (holding between 5,000 and 10,000 shares in Australian companies), 77 per cent considered that companies failed to properly disclose their executive payments and show how it was linked to performance (Australian Financial Review, 2003b). Even key corporate players were talking about it. Former BHP Billiton CEO Paul Anderson told the 2002 Business Council AGM that executive compensation was out of control after the bidding frenzy of the 1990s. He particularly noted that share options are being overused because boards "considered them to be free" (Anderson, 2002: 4). He also considered the common practice of "annual compensation reviews" to be a rubber stamp for executive pay inflation.

Trade unions also wanted answers. Shields et al. (2003: iii) in a report commissioned by the Labour Council of NSW, sought to determine whether Australian executives delivered "value for the ever increasing investment from shareholders." Relying heavily on the Australian Financial Review's annual survey of executive pay in the top 150 Australian companies, they concluded that "existing executive remuneration practices are defensible neither in terms of distributive justice nor organisational effectiveness."

Their major findings included that executive pay was 22 times AWE in 1992 and by 2002 it was 74 times. Further, executive option packages (typically relating to privileges concerning company shares) comprised 35.2 per cent of total remuneration in 1998 rising from 6.3 per cent in 1987. Despite this growth in executive pay, Shields et al. (2003: iii) found that the "often-stated link between high executive pay and company performance does not exist" and that as executive pay increases, "the performance of the company deteriorates". O'Neill and Iob (1999) also report an inverse relationship between senior executive pay and Australian company performance with organisations making new (expensive) appointments in response to poor performance.

Other notable findings (Shields et al., 2003: iii) were that the "finance sector emerges as a case study in corporate excess, with CEOs of the four major banks averaging 188

times the pay of their customer service staff." In a similar vein, former Reserve Bank governor and now public promoter of a superannuation fund, Bernie Fraser accused Australian chief executives of being paid "scandalous salaries while customer service was being downgraded" (quoted in Turnbull, 2004).

The policy agenda would suggest that controls on executive pay and incentives to be more accountable to shareholders, customers and the public are needed. Some commentators have suggested that government discriminate in their spending against companies with excessive executive pay and that the regulatory functions currently performed by the Australian Stock Exchange (a private company) are vested, instead, in a public watchdog. More directly, share options used to supplement executive pay should be controlled with caps and minimum vesting periods. Increased accountability and disclosure rules would be enhanced if formal shareholder assent was required for all executive pay agreements (Shields et al., 2003: iii).

The Federal Government reacting to earlier collapses (for example, HIH) which involved apparent executive pay excesses has proposed legislation where shareholders would be able to "vet multimillion dollar executive salaries and companies would face \$100,000 fines for inadequate disclosure" (Maiden et al, 2003). Critics of the proposed changes to law argue that shareholders should have the power of veto over the 'overly generous' retirement packages for executives and that the fines for misleading the market should be stiffer. Our legislative proposals would be more lenient than those recently enacted in the U.S. in the Enron aftermath.

Clearly, more debate will be forthcoming in the year ahead on this issue.

6. Industrial relations and labour market reform

During 2003, the ACTU mounted a number of Test Cases before the Commission. The Federal Government initiated legislative reforms which were designed to impact on the wages and conditions of workers. The Government was keen to reinforce the decentralisation of industrial relations, by diluting unions' power, through outlawing pattern bargaining, and union bargaining fees, and scrapping unfair dismissal laws for small business, but, in a number of instances, was frustrated in the Senate.

6.1 Bargaining fees

In mid-2002, the full bench of the Federal Court overturned an earlier decision in the Electrolux case, and ruled that unions and their members could take protected strike action in the pursuit of enterprise agreements that included clauses outside the traditional employment relationship, such as a bargaining fee (Watts, 2003: 196). The High Court will make a decision in 2004 on the appeal against the Electrolux decision.

In January 2003, in a case involving the Electrical Trades Union and the National Union of Workers, the AIRC ruled that enterprise bargains should not incorporate clauses relating to compulsory union bargaining fees from non-union members who benefit from collective bargaining outcomes, because such clauses were not part of the employer-employee relationship but were between employees and the union. Law professor Andrew Stewart noted that the validity of many (certified) agreements would be questionable, given that they included clauses outside the employment relationship, such as bargaining fees or payroll deductions for union dues. An EBA could be unanimously supported by all employees, the employer and the union but the AIRC could refuse to approve it (Balogh, 2003a). The issue remained legally

untested, however, because the ruling related specifically to one clause in one enterprise agreement (Adam, 2003). In March the AIRC struck out 160 agreements containing bargaining fee clauses (Priest, 2003b).

Compulsory bargaining fees are said to offend against the law of contract that underpins the Workplace Relations Act. This requires offer and acceptance as well as consideration and certainty to be binding. On the other hand, unions argue that fairness and equity dictates that these fees prevent non-union members freeloading on the efforts of unions to provide improved pay and conditions without contributing to their cost. By setting a fee of \$500 which exceeds the annual membership to the union, however, the union could be accused of trying to impose a closed shop. The Australian Financial Review (2003a) was quite clear 'In no other commercial environment can a non-state party foist its services on a person and demand payment'. Also unions would never let an employer pay a non-union member a lower rate because it would undercut their members. Indeed, under the Government's own workplace laws, union-negotiated enterprise agreements benefit all employees in the workplace, not just union members. Unions support this approach because it prevents discrimination (Burrow, 2003). Thus the union rate provides a floor to the non-union member.

The AFR argues that the rights of non-union workers who might secure a better deal for above-average skills by direct negotiation must be respected. If a significant minority in the workplace choose not to be union members, then is the employer going to undertake a genuine negotiation with each of them? As noted above, the number of registered individual agreements remains very low. ABS data indicates that union members are better off with respect to weekly pay, annual leave entitlements, access to sick leave, long service leave and paid maternity leave (ABS, 2003a).

Government amendments to the Workplace Relations Act to outlaw union bargaining fees had been blocked earlier in the Senate by Labor and the minor parties, but in March 2003, the Democrats capitulated and supported Abbott's bill to ban them.

6.2 Pattern bargaining

An anti-pattern-bargaining provision was inserted into the Workplace Relations Act late in 2003 which forced Australian unions to negotiate directly with individual employers. A uniform wage increase was viewed symptomatic of the 'one size fits all' principle which was outdated. The National Secretary of the Australian Workers Union, Bill Shorten, noted that all workers were entitled to a wage increase of at least 4 per cent, arising from inflation of 2 to 3 per cent and productivity growth of 2 per cent, yet a demand for such an increase would be construed as pattern bargaining (Priest, 2003a).

In September the then Workplace Relations Minister Tony Abbot had sparked controversy by advocating that rural nurses be paid less than their city counterparts, thereby enabling higher quality services to be provided. Orthodox economics, to which the Coalition could be said to adhere, would interpret that wage inequality amongst workers essentially undertaking the same tasks was a manifestation of allocative inefficiency, with the employers of the lower paid workers receiving a subsidy. Further one strand of the efficiency wage hypothesis is premised on a link between wages and productivity.

The issue of pattern bargaining has a dynamic dimension too. By outlawing this practice the Commonwealth was trying to quarantine individual enterprise wage

agreements, thereby minimising the flow on of wage increases through the network of industrial awards by the tribunals which had characterised previous wage explosions (Watts, 2003: 195). The orderly flow on of a modest wage increase will not promote an acceleration of inflation, but in an environment of unsynchronised, unequal wage outcomes, there is the prospect of catch up and leapfrogging, which was characteristic of the periods of wage explosion.

The debate about pattern bargaining was reignited by the Cole Royal Commission which found that pattern agreements in the building industry accounted for 89 per cent of all agreements from January 1, 2000, to December 31, 2001. The agreements had common expiry dates which enabled the unions to run industry-wide campaigns. The rapid establishment of a 36-hour week in the building industry during 2002 and 2003 indicated the presence of pattern bargaining (Priest, 2003a). Priest (20003a) notes that in an industry with an elaborate web of contracting between small operators and sub-contractors, 'the fragmentation of conditions through genuine bargaining offers the prospect of a brave new order or simply chaos'. The legislation flowing from the Royal Commission appears unlikely to be passed by the Senate, with the Democrats wanting it to include a crackdown on political donations (Skulley, 2003b).

6.3 Redundancy provisions

In May a full bench of the AIRC commenced hearing an application to extend redundancy pay obligations to small businesses of less than 15 staff and to end the exemptions that apply under federal and most state awards which deny payouts to long-term casuals. In addition, the claim sought to increase severance pay for each employee from a maximum of eight weeks' pay per employee to a maximum of 20 weeks and include additional penalty and overtime payments in redundancy payouts. Also employers would be required to pay redundant employees a \$300 allowance for employment and financial advice (Jackson, 2003).

Late in the year a court decision gave Ansett employees a further 42c in the dollar in outstanding entitlements. Following a two year legal case after Ansett's collapse in 2001, the former employees received a total of 71c in the dollar (AAP, 2003). A \$10 airline ticket levy had funded \$300 million of the funding, which generated the community standard of eight weeks redundancy pay for the nearly 13,000 former employees (ABC, 2003).

6.4 Australian Workplace Agreements

In a survey of 500 AWAs, Mitchell and Fetter from Melbourne University argued that, while the ideology behind AWAs was the achievement of higher productivity and efficiency by developing levels of trust between employers and employees and involving workers in decision making, most AWAs gave management the flexibility to change employees' working hours and pay rates in a bid to cut costs (Skulley, 2003a). The report found that AWAs were more common in small-to-medium sized employers and often allowed employers to unilaterally change working hours and add duties. In March only 1.9 per cent of the Australian workforce was covered by AWAs, but this is rising.

The Federal Government was forced to drop its plan to force universities to offer AWAs to staff in exchange for \$404 million in extra funding, which was part of the Higher Education Bill that passed in December with the support of the independent senators.

6.5 Disability remuneration

At a separate hearing of the Full Bench, the AIRC agreed to increase the supported wage for disabled workers from \$56 to \$60 per week. This wage system allows disabled workers to work in open employment and be paid an amount consistent with their assessed productive capacity. Workers will be able to earn \$60 per week without a reduction in their Disability Support Pension. The Federal Government introduced the Disability Reform Bill, however, which stated that anyone with a disability who was capable of working more than 15 hours would no longer be entitled to disability benefits. The current threshold is 30 hours. The Bill is a trigger for a double dissolution after its rejection in the Senate (O'loughlin, 2003b).

6.6 Casual employment

Casual workers do not have access to entitlements received by permanent staff, which includes paid sick leave and paid annual leave. About 60 per cent of part-time employees are casuals and casuals have a lower rate of unionization than permanent staff. Also casual employees are not deemed to have appropriate job security and income to qualify for a home or car loan. The percentage of workers in casual employment rose from 13 per cent in 1982 to over 27 per cent in 2002.

Pocock, Buchanan and Campbell (2004) claim that an inadequate regulatory system has facilitated this growth in casual employment, because 'permanent casuals' can be employed with few rights and benefits as substitutes for workers with standard rights and benefits. Almost 50 per cent of casual workers stayed in the same job for more than 12 months, but had no access to sick leave or holidays (Robinson, 2003). Pocock et al (2004) argue that casual employment should be limited to proper casual work which is short term and unpredictable. In August 2003 the ACTU proposed a test case in the AIRC to give job security to casual workers by allowing them to choose permanent employment after six months of continuous casual work. Almost three years earlier the AIRC had ruled that 300,000 workers in the manufacturing industry had the right to convert to full-time or part-time employment after six months. At the time, unions declined to use the decision as the basis for a general claim on employers (Norington and Nixon, 2003). Predictably the Australian Chamber of Commerce and Industry opposed to permanency for casuals after a specific time, argung it would add to costs and unemployment.

In November the Democrats decided to support amendments to the Workplace Relations Amendment (Fair Dismissal) Bill 2002, which excluded casual employees from access to unfair dismissal laws for the first 12 months of employment (Louw, 2003). Employers would not be allowed to rort the 12 month qualifying period, however, by dismissing staff, only to re-employ them again later (O'Loughlin, 2003a). The Democrats had previously supported a proposal by the Australian Labor Party to allow casual workers the same rights as permanent employees after six months of employment. This legislation followed a ruling by the AIRC in September that casual employees could claim for unfair dismissal under federal awards, when they had been employed for less than one year.

7. Work and family

The Federal Government failed to introduce paid maternity leave in the May budget. Australia and the United States remain the only OECD countries that do not offer a universal system of paid maternity leave. A Senate Bill was introduced which would

provide 14-weeks paid maternity leave at a minimum wage level, along the same lines as the model proposed by Ms Goward in late 2002 (see Watts, 2003). Goward had found that more than 60 per cent of Australian women did not have access to paid maternity leave (Milburn, 2003).

Under the Workplace Relations Act permanent full-time and part-time employees who have 12 months' continuous service with their employers have a minimum entitlement to 52 weeks of unpaid parental leave following the birth or adoption of a child. While 59 per cent of public sector workplaces offer maternity leave, only 23 per cent of private sector workplaces do the same, with most being large companies with more than 1000 employees. 0.7 per cent of AWAs provide paid maternity leave for either nine or 12 weeks. Up to 65 per cent of managers and 54 per cent of professional women have access to paid maternity leave compared with 18 per cent of clerical, sales and service workers and 0.4 per cent of casual workers. The average duration for paid maternity leave for federal agreements is six weeks; for AWAs - nine or 12 weeks; and for private sector employees between six and 12 weeks.

Under the ACTU test case which was in the AIRC in June about one million workers would be entitled to get up to six weeks' unpaid leave, in addition to paid annual leave, to look after their children. Once the unpaid leave had been negotiated with the employer, it would be financed via regular deductions from workers' normal pay. The unpaid parental leave would be available until the child was two, rather than for one year, with the option of an agreement with the employer for the entitlement to be extended to five years. The test case also included eight weeks' unpaid leave for new fathers at the same time as maternity leave was being taken to enable them to share the baby workload and a doubling of unpaid maternity leave from 12 months to two years. Under the current award, parents are allowed to take off only one week of unpaid leave simultaneously. Workers returning from parental leave would be entitled work part-time, request flexible start and finish times, and get reasonable periods of unpaid emergency leave, which employers could not unreasonably refuse to accommodate until the child was school age (Sunday Tasmanian, 2003, Way, 2003).

One problem with the ACTU proposal was that while the mother had certain entitlements she had to exercise her rights through negotiation with the employer in a potentially unequal bargaining environment (O'Connor, 2003). The AIRC Full Bench will make a decision on the Test Case in 2004.

The Australian Chamber of Commerce and Industry detailed its own plan for more family-friendly workplaces, including a proposal to allow employees to trade leave loading and penalty rates for extra holidays and have greater access to unpaid leave.

8. Unfair dismissal laws

The Workplace Relations Fair Dismissal Bill which exempts small businesses from the unfair dismissal provisions, except in relation to apprentices and trainees, was rejected in the Senate. The Bill is a trigger for a double dissolution in 2004.

The Federal Government planned to utilise its corporation powers under the Termination of Employment Bill to assume responsibility for state unfair dismissal cases where workers were employed by corporations. The Commonwealth was already responsible for 50 per cent of claims, and this would increase their workload by another 35 per cent. NSW and Queensland planned to mount a constitutional challenge. The Democrats signified support overall for the legislation but opposed any

provisions that discriminated against small business employees (Balogh, 2003b). This Bill is a potential trigger for a double dissolution (O'loughlin, 2003b).

9. Conclusion

The last 12 months saw no evidence of a strong Federal reform agenda in the run up to the next election. The shift of Abbot away from the Workplace Relations portfolio signified a less aggressive approach to industrial relations, and a priority on resolving medicare and other issues, including the reform of Universities. The Federal Government took a legalistic perspective to reform by trying to fix up loopholes in the Workplace Relations Act by making it harder to take industrial action, limiting collective bargaining and union's role and powers within the process and promoting individual contracts (Skulley, 2003b). Some of their efforts were frustrated by political and legal processes and through decisions by the AIRC. The annual submissions to the Safety Net cases by the Commonwealth revealed their desire to marginalise the Commission's influence on wage setting. The award system is not seen as a vehicle for countering growing earnings inequality, but merely maintaining the real pre-tax wages of the lowest paid.

While the ALP supports enterprise bargaining but with an improved set of minimum conditions, it wants to abolish individual AWAs and introduce "good faith" bargaining, which would restore a wider role for the Australian Industrial Relations Commission.

In a recent New Zealand employment reform bill, a good faith arrangement was defined as a "productive employment relationship in which the parties are, among other things, responsive, communicative and supportive" which includes individual agreements. An explanatory note indicates that workplaces should "support innovation, productivity and workforce skill development". This requires "fair dealing" besides trust and confidence and "reasonable equality" between the parties, plus access to relevant information when there is a decision that is "likely to have an adverse effect on employees" (James, 2003).

The ACTU is looking to halt the decline in union membership by broadening its appeal by exploiting the concerns of casual and part-time workforce, lifting minimum pay and conditions for the low-paid and winning "work and family" improvements such as paid maternity leave (Skulley, 2003b).

The absence of legislative developments in 2003 would suggest that, despite the rhetoric, the Government did not see itself as under pressure to develop initiatives. With a Federal election due in the next 12 months, however, and Mark Latham doing well in the polls at the time of writing, the Federal Government may well be vulnerable on the softer industrial relations issues, which profoundly influence employees' work and family lives, including working hours, parental leave and child care.

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Appendix A

Data Sources

Employment and Total Hours Worked by industry came from the ABS, *The Labour Force, Australia*, Cat. No.6203.0.

Gross value added data for 16 non-farm ANZSIC industries came from the ABS, *National Accounts*, Cat. No.5204.0. The value added series are chain indexes. Sectoral price indices were not available so wages were deflated by the non-farm implicit price deflator.

Average hourly wages by industry were computed from the ABS, *Average Weekly Earnings*, 6302.0.

Industry Mnemonics

Mining (ANZSIC B)

Manufacturing (ANZSIC C)

Electricity, gas & water (ANZSIC D)

Construction (ANZSIC E)

Wholesale Trade (ANZSIC F)

Retail Trade (ANZSIC G)

Accommodation, Cafes, Restaurants (ANZSIC H)

Transport and Storage (ANZSIC I)

Communications (ANZSIC J)

Finance & insurance (ANZSIC K)

Property & business services (ANZSIC L)

Government Administration and Defence (ANZSIC M)

Education (ANZSIC N)

Health and Community Services (ANZSIC O)

Cultural and Recreation Services (ANZSIC P)

Personal and Other Services (ANZSIC Q)

Total Non-Farm

¹ The authors are Associate Professor and Deputy Director of Centre of Full Employment and Equity and Professor of Economics and Director of the Centre of Full Employment and Equity, The University of Newcastle, respectively.

²Had the participation rate remained at 64.1%, the unemployment rate would have been 6.06% in December 2003, compared to 6.1% in December 2002. The inclusion of underemployment and hidden unemployment would approximately double the official unemployment rate (see Mitchell and Carlson, 2001).

³ The debt servicing ratio is defined as the household interest paid as a percentage of household disposable income.

⁴ The wage cost index measures hourly wages net of bonuses and, in contrast to measures of average weekly ordinary time earnings (AWOTE), is independent of compositional changes, because it is based on a fixed basket of jobs, which, however, includes part-time jobs.