

AVERAGE WEEKLY EARNINGS, STATES AND AUSTRALIA, MAY 1993

SUMMARY OF FINDINGS

Estimates of average weekly earnings for May 1993 and the respective changes over previous periods are shown below:

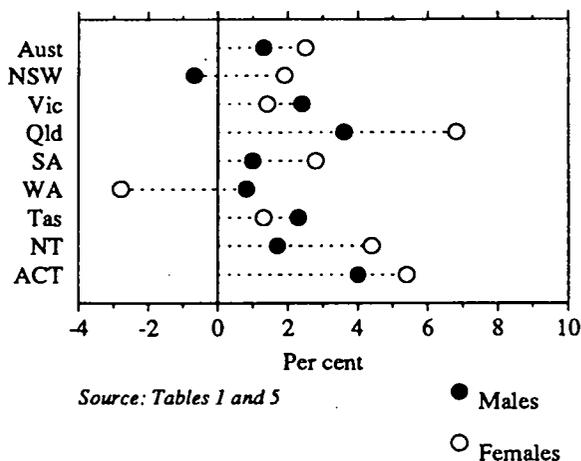
	Full-time adult average weekly ordinary time earnings			Full-time adult average weekly total earnings			All employees average weekly total earnings		
	Change (%)			Change (%)			Change (%)		
	Feb. 1993 to (\$)	May 1993	May 1992 to May 1993	Feb. 1993 to (\$)	May 1993	May 1992 to May 1993	Feb. 1993 to (\$)	May 1993	May 1992 to May 1993
Males	632.90	+0.7	+1.3	679.60	+0.6	+2.1	612.50	+0.2	+2.5
Females	533.00	+0.4	+2.5	545.60	+0.5	+2.7	406.30	-0.9	+2.4
Persons	597.80	+0.7	+1.8	632.60	+0.7	+2.4	517.50	-0.2	+2.6

At the national level, in the twelve months since May 1992:

- average weekly ordinary time earnings of full-time adult employees have increased 1.8 per cent, compared to the 0.8 per cent in the twelve month period to February 1993.
- average weekly ordinary time earnings of full-time adult females have increased at a faster rate (2.5%) than that for males (1.3%).
- average weekly ordinary time earnings of full-time adults have risen 3.0 per cent in the public sector compared with 1.1 per cent in the private sector.
- the industries showing the largest increases in average weekly ordinary time earnings of full-time adult persons are Mining (8.3%), Wholesale trade (6.3%) and Recreation, personal and other services (6.1%).

Between February and May 1993, statistically significant movements were recorded in some categories of earnings for Queensland and the Australian Capital Territory only.

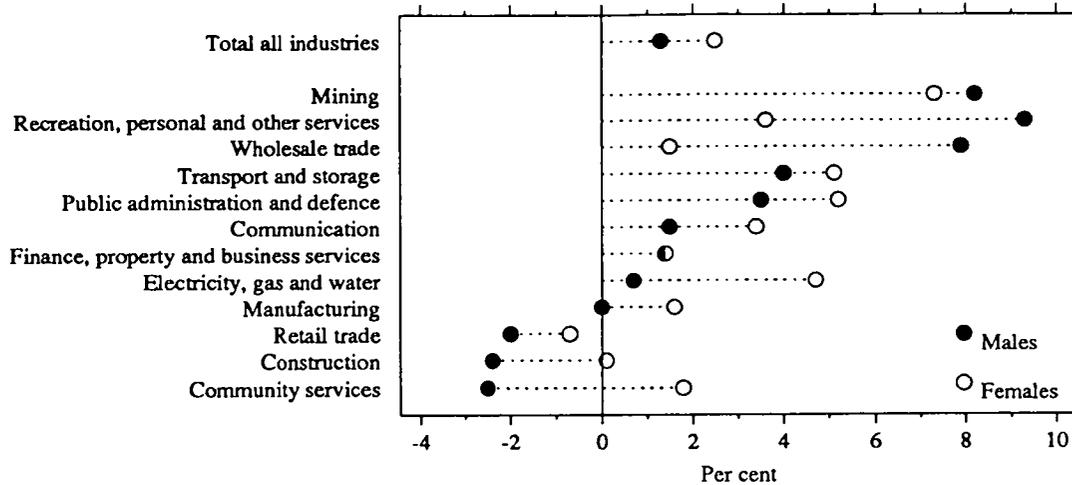
DIAGRAM 1. ANNUAL MOVEMENT  
AVERAGE ORDINARY TIME EARNINGS  
FULL TIME ADULT EMPLOYEES MAY 1993



INQUIRIES

- for further information about statistics in this publication and the availability of related unpublished statistics, contact Ann Soutar on Perth (09) 323 5304 or Errol Preston on Canberra (06) 252 6511.
- for information about other ABS statistics and services please refer to the back page of this publication.

**DIAGRAM 2: PERCENTAGE CHANGE IN AVERAGE WEEKLY ORDINARY TIME EARNINGS OF FULL-TIME ADULT EMPLOYEES, AUSTRALIA, MAY 1992 TO MAY 1993**



Source: See Table 4.

#### NEW INFORMATION IN THIS ISSUE

For the first time, this publication contains tables showing estimates of Average Weekly Earnings at the Division level of the Australian Standard Industrial Classification (ASIC). The new tables (Tables 3 and 4, and Table A) contain industry estimates of:

- average weekly earnings for May 1993
- percentage change in average weekly earnings in the last 12 months and
- standard errors for current estimates.

These tables will be a permanent inclusion in future issues of this publication.

#### Notes on the estimates

Average weekly earnings statistics represent average gross (before tax) earnings of employees and do not relate to average award rates nor to the earnings of the 'average person'. Estimates of average weekly earnings are derived by dividing estimates of weekly total earnings by estimates of employment. Changes in the averages may be affected not only by changes in the level of earnings of employees but also by changes in the overall composition of the employed wage and salary earner segment of the labour force. There are several aspects which can contribute to compositional changes such as variations in the proportions of part-time, casual and junior employees, variations in the occupational distribution within and across industries, variations in the distribution of employment between industries and variations in the proportion of male and female employees. Such effects may apply differently in the different States, and over time.

**IAN CASTLES**  
Australian Statistician

TABLE 1. AVERAGE WEEKLY EARNINGS OF EMPLOYEES, AUSTRALIA

Reference period - pay period ending on or before	Males			Females			Persons		
	Full-time adults		All males	Full-time adults		All females	Full-time adults		All employees
	Ordinary time earnings	Total earnings	Total earnings	Ordinary time earnings	Total earnings	Total earnings	Ordinary time earnings	Total earnings	Total earnings
	TOTAL EMPLOYEES								
— dollars —									
1992—									
21 February	625.20	666.00	598.90	523.90	535.50	400.90	589.20	619.70	507.90
15 May	624.80	665.50	597.40	519.70	531.20	397.00	587.30	617.60	504.50
21 August	623.20	664.90	597.70	518.70	530.10	397.40	585.80	616.60	503.90
20 November	623.90	670.30	599.50	520.70	532.90	395.80	586.80	621.00	504.10
1993—									
19 February	628.60	675.60	611.20	530.60	542.80	409.90	593.70	628.30	518.30
21 May	632.90	679.60	612.50	533.00	545.60	406.30	597.80	632.60	517.50
Standard errors (a)—									
1993—									
May									
Level	5.20	5.40	5.30	3.00	3.10	3.60	3.70	3.80	3.80
Change (quarterly)	3.30	3.50	3.50	2.60	2.50	2.10	2.60	2.70	2.60
Percentage changes:									
— per cent —									
Quarterly change to—									
1992—									
February	2.1	1.8	1.6	1.8	1.5	2.0	1.8	1.5	1.3
May	-0.1	-0.1	-0.3	-0.8	-0.8	-1.0	-0.3	-0.3	-0.7
August	-0.3	-0.1	0.0	-0.2	-0.2	0.1	-0.3	-0.2	-0.1
November	0.1	0.8	0.3	0.4	0.5	-0.4	0.2	0.7	0.0
1993—									
February	0.8	0.8	2.0	1.9	1.9	3.6	1.2	1.2	2.8
May	0.7	0.6	0.2	0.4	0.5	-0.9	0.7	0.7	-0.2
Annual change to—									
1992—									
February	4.6	3.7	2.3	4.8	4.6	4.0	4.4	3.7	2.2
May	5.5	5.2	4.8	3.8	3.7	4.8	4.7	4.4	4.2
August	4.0	4.2	3.9	2.4	2.4	3.4	3.2	3.3	3.0
November	1.9	2.5	1.7	1.1	1.1	0.7	1.4	1.7	0.6
1993—									
February	0.6	1.4	2.1	1.3	1.4	2.2	0.8	1.4	2.1
May	1.3	2.1	2.5	2.5	2.7	2.4	1.8	2.4	2.6

(a) See Appendix A - Technical Notes.

TABLE 2. AVERAGE WEEKLY EARNINGS OF EMPLOYEES, SECTOR, AUSTRALIA

Reference period - pay period ending on or before	Males			Females			Persons		
	Full-time adults		All males	Full-time adults		All females	Full-time adults		All employees
	Ordinary time earnings	Total earnings	Total earnings	Ordinary time earnings	Total earnings	Total earnings	Ordinary time earnings	Total earnings	Total earnings
	PRIVATE SECTOR EMPLOYEES								
— dollars —									
1992—									
21 February	610.20	656.60	574.60	484.00	496.60	354.20	568.00	603.10	473.70
15 May	608.70	652.10	571.70	482.20	493.50	354.40	565.60	598.00	470.60
21 August	605.60	651.50	570.80	477.40	489.10	353.00	561.80	596.00	468.60
20 November	605.20	656.40	571.60	477.90	491.20	350.20	561.60	599.90	467.70
1993—									
19 February	611.30	664.20	585.40	489.10	502.20	363.40	570.20	609.70	483.50
21 May	612.00	662.70	584.20	489.60	502.80	358.70	571.60	609.90	480.90
Standard errors (a)—									
1993—									
May									
Level	7.40	7.70	7.20	4.20	4.20	4.40	5.40	5.70	5.00
Change (quarterly)	4.80	5.10	4.90	3.90	3.90	3.00	3.80	4.00	3.60
Percentage changes:									
— per cent —									
Quarterly change to—									
1992—									
February	2.0	1.7	1.0	0.6	0.3	0.3	1.4	1.1	0.3
May	-0.2	-0.7	-0.5	-0.4	-0.6	0.0	-0.4	-0.8	-0.6
August	-0.5	-0.1	-0.1	-1.0	-0.9	-0.4	-0.7	-0.3	-0.4
November	-0.1	0.8	0.1	0.1	0.4	-0.8	0.0	0.6	-0.2
1993—									
February	1.0	1.2	2.4	2.3	2.2	3.8	1.5	1.6	3.4
May	0.1	-0.2	-0.2	0.1	0.1	-1.3	0.3	0.0	-0.5
Annual change to—									
1992—									
February	4.2	3.0	1.6	3.7	3.5	3.8	3.8	2.8	1.6
May	5.5	4.8	4.6	3.4	3.2	6.3	4.4	3.8	4.3
August	3.4	3.6	2.6	0.7	0.7	2.6	2.2	2.3	1.7
November	1.2	1.7	0.5	-0.6	-0.8	-0.8	0.3	0.5	-0.9
1993—									
February	0.2	1.2	1.9	1.1	1.1	2.6	0.4	1.1	2.1
May	0.5	1.6	2.2	1.5	1.9	1.2	1.1	2.0	2.2

(a) See Appendix A - Technical Notes.

NOTE: This data is also available by Industry.

TABLE 2. AVERAGE WEEKLY EARNINGS OF EMPLOYEES, SECTOR, AUSTRALIA—continued

Reference period - pay period ending on or before	Males			Females			Persons		
	Full-time adults		All males	Full-time adults		All females	Full-time adults		All employees
	Ordinary time earnings	Total earnings	Total earnings	Ordinary time earnings	Total earnings	Total earnings	Ordinary time earnings	Total earnings	Total earnings
	PUBLIC SECTOR EMPLOYEES								
— dollars —									
1992—									
21 February	655.30	685.00	654.70	585.90	596.00	505.40	628.00	650.00	585.50
15 May	658.40	693.60	657.80	583.60	595.30	499.10	629.40	655.40	584.90
21 August	659.30	692.30	660.20	587.50	598.30	502.60	631.30	655.70	587.00
20 November	662.80	699.30	665.90	593.20	603.60	506.10	635.60	662.00	591.60
1993—									
19 February	665.50	699.90	674.40	599.10	609.80	519.40	639.30	664.30	601.90
21 May	677.50	715.80	680.60	603.70	615.50	516.90	648.60	676.50	604.20
Standard errors (a)—									
1993—									
May									
Level	2.00	1.90	2.20	1.90	1.80	2.90	1.50	1.30	1.70
Change (quarterly)	1.40	1.50	1.70	1.10	1.10	1.10	1.10	1.10	1.20
Percentage changes:									
— per cent —									
Quarterly change to—									
1992—									
February	1.9	1.8	2.2	2.5	2.4	3.6	2.0	1.8	2.5
May	0.5	1.2	0.5	-0.4	-0.1	-1.2	0.2	0.8	-0.1
August	0.1	-0.2	0.4	0.7	0.5	0.7	0.3	0.0	0.4
November	0.5	1.0	0.9	1.0	0.9	0.7	0.7	1.0	0.8
1993—									
February	0.4	0.1	1.3	1.0	1.0	2.6	0.6	0.4	1.8
May	1.8	2.3	0.9	0.8	0.9	-0.5	1.5	1.8	0.4
Annual change to—									
1992—									
February	5.4	5.0	4.0	6.5	6.3	4.8	5.6	5.2	3.8
May	5.7	6.0	5.6	5.7	5.5	3.9	5.7	5.7	4.7
August	5.0	5.4	6.7	5.2	5.1	5.8	5.0	5.1	5.9
November	3.1	3.9	4.0	3.8	3.7	3.7	3.2	3.7	3.6
1993—									
February	1.6	2.2	3.0	2.2	2.3	2.8	1.8	2.2	2.8
May	2.9	3.2	3.5	3.5	3.4	3.6	3.0	3.2	3.3

(a) See Appendix A - Technical Notes.

NOTE: This data is also available by Industry.

TABLE 3. AVERAGE WEEKLY EARNINGS OF EMPLOYEES, INDUSTRIES, AUSTRALIA

Industry	Males			Females			Persons		
	Full-time adults		All males	Full-time adults		All females	Full-time adults		All employees
	Ordinary time earnings	Total earnings	Total earnings	Ordinary time earnings	Total earnings	Total earnings	Ordinary time earnings	Total earnings	Total earnings
	— dollars —								
Mining	944.20	1,064.40	1,045.10	670.80	701.50	599.80	923.10	1,036.50	1,001.60
Manufacturing	575.90	649.10	621.90	454.70	481.20	426.30	547.60	609.90	568.70
Electricity, gas and water	653.40	707.00	695.40	558.00	583.70	538.80	642.90	693.40	675.60
Construction	582.90	675.50	647.80	445.20	459.90	334.20	563.60	645.30	580.60
Wholesale trade	613.20	643.10	590.40	469.50	478.70	384.30	575.50	600.00	523.20
Retail trade	515.50	534.70	404.00	422.70	433.40	262.10	483.60	499.90	331.40
Transport and storage	625.80	703.70	671.30	563.10	586.90	518.30	614.00	681.70	637.60
Communication	632.90	686.70	679.50	540.70	573.80	521.00	610.20	658.90	634.20
Finance, property and business services	754.40	773.50	713.10	532.00	542.80	432.40	653.40	668.70	561.70
Public administration and defence	634.80	657.90	636.70	584.40	594.40	507.80	616.60	634.90	582.70
Community services	692.60	717.70	638.60	600.60	608.40	456.70	642.50	658.20	519.00
Recreation, personal and other services	583.70	600.70	421.90	461.40	471.90	285.70	526.80	540.70	341.30
<b>Total all industries</b>	<b>632.90</b>	<b>679.60</b>	<b>612.50</b>	<b>533.00</b>	<b>545.60</b>	<b>406.30</b>	<b>597.80</b>	<b>632.60</b>	<b>517.50</b>

Note: See Appendix A for per cent standard errors on level.

TABLE 4. AVERAGE WEEKLY EARNINGS OF EMPLOYEES, INDUSTRIES, AUSTRALIA, PERCENTAGE CHANGE, MAY 1992 — MAY 1993

Industry	Males			Females			Persons		
	Full-time adults		All males	Full-time adults		All females	Full-time adults		All employees
	Ordinary time earnings	Total earnings	Total earnings	Ordinary time earnings	Total earnings	Total earnings	Ordinary time earnings	Total earnings	Total earnings
Mining	8.2	5.4	6.2	7.3	7.5	12.1	8.3	5.6	7.2
Manufacturing	0.0	1.8	3.3	1.6	2.0	2.9	0.5	2.0	3.2
Electricity, gas and water	0.7	1.5	2.0	4.7	5.1	7.1	1.0	1.7	2.4
Construction	-2.4	3.1	6.3	0.1	0.8	-5.2	-1.6	3.5	4.7
Wholesale trade	7.9	7.4	4.1	1.5	0.9	-1.9	6.3	5.8	2.2
Retail trade	-2.0	-2.1	-0.2	-0.7	-0.1	1.1	-0.7	-0.6	1.4
Transport and storage	4.0	3.5	2.6	5.1	3.5	2.3	3.9	3.1	1.8
Communication	1.5	3.8	4.2	3.4	2.9	3.6	1.8	3.5	3.8
Finance, property and business services	1.4	1.9	1.1	1.4	1.8	-2.8	1.4	1.9	-1.3
Public administration and defence	3.5	3.7	4.3	5.2	5.6	5.2	4.0	4.3	4.4
Community services	-2.5	-2.2	-1.1	1.8	1.9	1.8	0.1	0.3	1.5
Recreation, personal and other services	9.3	9.4	5.6	3.6	4.0	6.6	6.1	6.3	5.6
<b>Total all industries</b>	<b>1.3</b>	<b>2.1</b>	<b>2.5</b>	<b>2.5</b>	<b>2.7</b>	<b>2.4</b>	<b>1.8</b>	<b>2.4</b>	<b>2.6</b>

TABLE 5. AVERAGE WEEKLY EARNINGS OF EMPLOYEES, STATES AND TERRITORIES

Reference period— pay period ending on or before	Males			Females			Persons		
	Full-time adults		All males	Full-time adults		All females	Full-time adults		All employees
	Ordinary time earnings	Total earnings	Total earnings	Ordinary time earnings	Total earnings	Total earnings	Ordinary time earnings	Total earnings	Total earnings
NEW SOUTH WALES									
— dollars —									
1992—									
21 February	652.60	696.40	616.70	538.10	550.80	409.60	612.60	645.50	524.40
15 May	648.60	694.10	616.20	539.10	551.80	413.20	609.90	643.90	524.80
21 August	638.60	684.40	620.90	524.70	535.60	421.20	596.70	629.70	530.50
20 November	640.30	689.60	621.40	530.10	544.20	420.90	599.80	636.20	529.70
1993—									
19 February	639.40	691.40	630.70	539.20	553.40	432.80	603.40	642.00	542.70
21 May	644.00	694.10	627.90	549.20	562.40	432.40	610.20	647.20	540.60
Standard errors (a)—									
1993—									
May									
Level	12.50	12.60	11.70	6.50	6.60	6.80	8.60	8.70	7.90
Change (quarterly)	7.20	7.30	6.60	5.30	5.30	3.60	5.20	5.30	4.60
Percentage changes:									
— per cent —									
Quarterly change to—									
1992—									
November	0.3	0.8	0.1	1.0	1.6	-0.1	0.5	1.0	-0.2
1993—									
February	-0.1	0.3	1.5	1.7	1.7	2.8	0.6	0.9	2.5
May	0.7	0.4	-0.5	1.9	1.6	-0.1	1.1	0.8	-0.4
Annual change to—									
1993—									
May	-0.7	0.0	1.9	1.9	1.9	4.7	0.1	0.5	3.0
VICTORIA									
— dollars —									
1992—									
21 February	620.30	657.30	601.70	524.10	537.70	408.80	584.90	613.30	509.40
15 May	618.80	653.70	595.40	519.20	530.90	403.10	582.80	609.30	504.40
21 August	625.90	662.60	594.50	522.90	534.90	392.10	588.80	616.70	497.70
20 November	624.40	669.90	605.50	522.50	535.00	396.00	587.30	620.80	504.80
1993—									
19 February	631.10	675.10	616.90	531.40	545.00	413.60	595.10	628.10	520.80
21 May	633.90	679.90	619.30	526.30	540.00	407.90	595.50	629.90	519.80
Standard errors (a)—									
1993—									
May									
Level	6.50	7.50	8.40	5.20	5.30	6.10	5.00	5.60	6.50
Change (quarterly)	6.40	6.90	7.00	5.00	4.90	4.20	5.50	5.70	5.30
Percentage changes:									
— per cent —									
Quarterly change to—									
1992—									
November	-0.2	1.1	1.9	-0.1	0.0	1.0	-0.3	0.7	1.4
1993—									
February	1.1	0.8	1.9	1.7	1.9	4.4	1.3	1.2	3.2
May	0.4	0.7	0.4	-1.0	-0.9	-1.4	0.1	0.3	-0.2
Annual change to—									
1993—									
May	2.4	4.0	4.0	1.4	1.7	1.2	2.2	3.4	3.0

(a) See Appendix A - Technical Notes.

NOTE: This data is also available by Industry.

TABLE 5. AVERAGE WEEKLY EARNINGS OF EMPLOYEES, STATES AND TERRITORIES—continued

Reference period— pay period ending on or before	Males			Females			Persons		
	Full-time adults		All males	Full-time adults		All females	Full-time adults		All employees
	Ordinary time earnings	Total earnings	Total earnings	Ordinary time earnings	Total earnings	Total earnings	Ordinary time earnings	Total earnings	Total earnings
QUEENSLAND									
— dollars —									
1992—									
21 February	575.10	617.50	555.20	481.70	490.30	364.90	542.30	572.90	467.80
15 May	581.30	623.40	561.70	469.30	479.90	360.90	540.50	571.20	467.00
21 August	575.00	616.30	560.10	484.90	496.30	372.90	543.50	574.30	471.70
20 November	586.20	633.20	570.60	483.70	493.60	365.30	550.00	584.00	473.30
1993—									
19 February	590.80	633.20	573.20	502.90	511.50	381.40	559.90	590.40	484.30
21 May	601.90	645.00	586.80	501.40	512.20	375.70	567.70	599.90	489.00
Standard errors (a)— 1993—									
May									
Level	10.60	11.80	10.60	5.50	5.60	8.60	7.40	8.30	7.80
Change (quarterly)	4.80	6.20	6.30	4.60	4.40	3.20	3.70	4.50	4.10
Percentage changes:	— per cent —								
Quarterly change to— 1992—									
November	1.9	2.7	1.9	-0.3	-0.6	-2.0	1.2	1.7	0.3
1993—									
February	0.8	0.0	0.5	4.0	3.6	4.4	1.8	1.1	2.3
May	1.9	1.9	2.4	-0.3	0.1	-1.5	1.4	1.6	1.0
Annual change to— 1993—									
May	3.6	3.5	4.5	6.8	6.7	4.1	5.0	5.0	4.7
SOUTH AUSTRALIA									
— dollars —									
1992—									
21 February	592.70	632.60	574.90	537.30	546.40	401.10	575.10	605.20	497.20
15 May	604.10	637.40	575.50	529.00	538.80	395.30	579.40	604.90	493.30
21 August	609.80	644.40	567.70	529.70	542.30	386.30	582.60	609.80	477.30
20 November	610.30	647.60	547.10	532.80	543.90	377.00	585.00	613.70	469.90
1993—									
19 February	610.10	648.50	559.50	533.30	543.90	381.60	584.80	614.10	477.70
21 May	610.00	645.10	565.50	543.70	557.10	385.30	589.00	617.20	484.50
Standard errors (a)— 1993—									
May									
Level	10.40	10.90	15.40	9.50	8.90	13.40	8.70	8.80	11.80
Change (quarterly)	9.80	10.30	14.50	7.60	7.30	9.30	7.80	8.00	10.80
Percentage changes:	— per cent —								
Quarterly change to— 1992—									
November	0.1	0.5	-3.6	0.6	0.3	-2.4	0.4	0.6	-1.5
1993—									
February	0.0	0.1	2.3	0.1	0.0	1.2	0.0	0.1	1.7
May	0.0	-0.5	1.1	1.9	2.4	1.0	0.7	0.5	1.4
Annual change to— 1993—									
May	1.0	1.2	-1.7	2.8	3.4	-2.5	1.7	2.0	-1.8

(a) See Appendix A - Technical Notes.

NOTE: This data is also available by Industry.

TABLE 5. AVERAGE WEEKLY EARNINGS OF EMPLOYEES, STATES AND TERRITORIES—continued

Reference period— pay period ending on or before	Males			Females			Persons		
	Full-time adults		All males	Full-time adults		All females	Full-time adults		All employees
	Ordinary time earnings	Total earnings	Total earnings	Ordinary time earnings	Total earnings	Total earnings	Ordinary time earnings	Total earnings	Total earnings
<b>WESTERN AUSTRALIA</b>									
— dollars —									
1992—									
21 February	637.40	681.90	610.20	517.20	526.60	389.30	594.90	627.00	508.60
15 May	635.70	682.10	608.60	522.50	532.70	379.70	595.10	628.60	500.60
21 August	635.90	686.80	607.90	509.80	521.10	370.40	593.00	630.30	498.40
20 November	625.20	676.90	599.90	510.70	521.20	364.90	586.70	624.60	490.70
1993—									
19 February	641.90	699.60	629.70	511.20	520.40	376.30	596.90	637.90	510.80
21 May	640.80	699.40	617.80	507.90	519.50	364.70	594.50	636.70	496.10
Standard errors (a)—									
1993—									
May									
Level	11.00	12.50	12.50	6.40	6.60	9.40	8.60	9.70	10.50
Change (quarterly)	8.90	8.60	8.90	4.50	4.70	8.00	6.20	5.90	8.40
Percentage changes:									
— per cent —									
Quarterly change to—									
1992—									
November	-1.7	-1.4	-1.3	0.2	0.0	-1.5	-1.1	-0.9	-1.5
1993—									
February	2.7	3.3	5.0	0.1	-0.1	3.1	1.7	2.1	4.1
May	-0.2	0.0	-1.9	-0.6	-0.2	-3.1	-0.4	-0.2	-2.9
Annual change to—									
1993—									
May	0.8	2.5	1.5	-2.8	-2.5	-3.9	-0.1	1.3	-0.9
<b>TASMANIA</b>									
— dollars —									
1992—									
21 February	584.00	613.10	559.70	493.80	499.10	382.80	554.70	576.00	480.80
15 May	589.00	617.00	553.20	497.30	504.10	369.70	559.50	580.60	469.60
21 August	589.10	616.80	541.60	505.30	512.90	379.70	562.00	583.20	470.20
20 November	590.40	622.90	554.20	511.60	520.80	380.60	564.60	589.50	474.60
1993—									
19 February	596.90	637.70	577.70	520.00	529.30	396.60	569.90	599.60	490.10
21 May	602.70	640.10	576.10	503.70	512.60	379.10	570.60	598.80	486.20
Standard errors (a)—									
1993—									
May									
Level	13.00	13.40	15.00	7.70	7.90	9.10	9.40	9.70	10.60
Change (quarterly)	7.80	7.70	8.60	14.70	14.30	14.60	7.00	6.10	6.10
Percentage changes:									
— per cent —									
Quarterly change to—									
1992—									
November	0.2	1.0	2.3	1.2	1.5	0.3	0.5	1.1	0.9
1993—									
February	1.1	2.4	4.2	1.7	1.6	4.2	0.9	1.7	3.3
May	1.0	0.4	-0.3	-3.1	-3.1	-4.4	0.1	-0.1	-0.8
Annual change to—									
1993—									
May	2.3	3.8	4.1	1.3	1.7	2.5	2.0	3.1	3.5

(a) See Appendix A - Technical Notes.

NOTE: This data is also available by Industry.

TABLE 5. AVERAGE WEEKLY EARNINGS OF EMPLOYEES, STATES AND TERRITORIES—continued

Reference period— pay period ending on or before	Males			Females			Persons		
	Full-time adults		All males	Full-time adults		All females	Full-time adults		All employees
	Ordinary time earnings	Total earnings	Total earnings	Ordinary time earnings	Total earnings	Total earnings	Ordinary time earnings	Total earnings	Total earnings
NORTHERN TERRITORY									
— dollars —									
1992—									
21 February	658.30	718.50	655.80	534.10	551.80	456.40	606.70	649.30	561.80
15 May	658.10	724.70	635.10	549.40	564.80	446.60	615.60	662.20	550.20
21 August	648.70	724.50	652.00	571.00	586.10	466.80	618.90	671.50	569.90
20 November	672.40	729.40	643.40	569.20	582.90	441.80	630.90	670.40	547.60
1993—									
19 February	669.70	729.20	650.20	575.50	589.70	439.10	632.00	673.40	548.40
21 May	669.20	733.40	646.00	573.60	589.70	449.80	631.30	676.40	553.20
Standard errors (a)—									
1993—									
May									
Level	11.90	18.20	22.70	4.70	4.90	11.30	7.20	12.10	16.00
Change (quarterly)	5.90	12.90	15.20	4.70	5.10	10.20	4.30	8.80	9.90
Percentage changes:									
— per cent —									
Quarterly change to—									
1992—									
November	3.7	0.7	-1.3	-0.3	-0.6	-5.4	1.9	-0.2	-3.9
1993—									
February	-0.4	0.0	1.0	1.1	1.2	-0.6	0.2	0.4	0.2
May	-0.1	0.6	-0.6	-0.3	0.0	2.4	-0.1	0.4	0.9
Annual change to—									
1993—									
May	1.7	1.2	1.7	4.4	4.4	0.7	2.5	2.1	0.5
AUSTRALIAN CAPITAL TERRITORY									
— dollars —									
1992—									
21 February	714.50	741.00	660.00	594.50	601.80	461.40	664.50	683.10	562.20
15 May	723.50	758.70	667.70	589.70	598.70	451.30	670.00	694.80	562.20
21 August	732.90	760.30	658.50	584.30	594.80	438.40	672.90	693.50	550.00
20 November	716.60	748.80	655.20	591.70	601.40	454.10	664.40	687.30	553.30
1993—									
19 February	743.80	769.10	665.60	609.20	617.50	470.10	685.80	703.70	566.00
21 May	752.70	780.50	674.20	621.60	630.50	483.00	698.40	718.40	579.40
Standard errors (a)—									
1993—									
May									
Level	12.30	12.20	13.40	5.30	5.10	9.20	7.80	7.80	10.00
Change (quarterly)	6.90	7.10	8.10	7.40	7.50	5.70	6.50	6.70	6.00
Percentage changes:									
— per cent —									
Quarterly change to—									
1992—									
November	-2.2	-1.5	-0.5	1.3	1.1	3.6	-1.3	-0.9	0.6
1993—									
February	3.8	2.7	1.6	3.0	2.7	3.5	3.2	2.4	2.3
May	1.2	1.5	1.3	2.0	2.1	2.7	1.8	2.1	2.4
Annual change to—									
1993—									
May	4.0	2.9	1.0	5.4	5.3	7.0	4.2	3.4	3.1

(a) See Appendix A - Technical Notes.

NOTE: This data is also available by Industry.

## EXPLANATORY NOTES

### Introduction

This publication contains estimates of average weekly earnings for May 1993 based on information obtained from a sample survey of employers.

2. Background information about the average weekly earnings series is provided in *Information Paper: New Statistical Series: Employment, Average Weekly Earnings, Job Vacancies and Overtime* (6256.0) published on 21 June 1984, copies of which are available on request.

### Scope of the survey

3. All wage and salary earners who received pay for the reference period are represented in the survey, except:

- members of the Australian permanent defence forces;
- employees of enterprises primarily engaged in agriculture, forestry, fishing and hunting;
- employees in private households employing staff;
- employees of overseas embassies, consulates, etc.;
- employees based outside Australia; and
- employees on workers' compensation who are not paid through the payroll.

4. Also excluded are the following persons who are not regarded as employees for the purposes of this survey:

- directors who are not paid a salary;
- proprietors/partners of unincorporated businesses; and
- self-employed persons such as subcontractors, owner/drivers, consultants and persons paid solely by commission without a retainer.

### Survey design

5. A sample of approximately 5,000 employers is selected from the ABS register of businesses to ensure adequate State and industry representation. The sample is updated each quarter to reflect changes in the ABS register of business units. These changes arise from the emergence of new businesses, takeovers and mergers, changes to industry classification, changes in the number of employees, and businesses which have ceased operations. Such updating of the register can contribute to changes in the estimates of average weekly earnings.

6. The statistical unit for the survey comprises all activities of an enterprise in a particular State or Territory. Each statistical unit is classified to an industry which reflects the predominant activity of the enterprise in the State or Territory. In a small number of cases where an enterprise has significant employment in more than one industry, a separate statistical unit is created for each industry. The statistical units are stratified by State, public/private sector, industry and size of employment and an equal probability sample is selected from each stratum.

7. Since February 1992 survey data for a number of Commonwealth Government and ACT Government departments have been collected electronically.

### Reliability of estimates

8. Estimates are subject to sampling and non-sampling errors. For more information refer to Appendix A - Technical Note.

### Comparability of results

9. When comparisons are made between period to period movements in average weekly ordinary time earnings (AWOTE) for full-time adults and movements in the Award Rates of Pay Indexes (ARPI) it is important to recognise the different coverage, scope, definitions and methodology used in the construction of each series. In particular, the AWOTE series includes a number of payments additional to award rates of pay used in compiling ARPI. Allowances covered under awards which are not industry or occupation wide in their application such as site, travelling, height and dirt allowances are excluded from ARPI but included in AWOTE. The AWOTE series also includes other payments, such as shift penalty payments and overaward pay. A significant number of employees are not covered by awards but are included in AWOTE. The AWOTE series is affected by compositional change in the labour force. However ARPI is not, because it is a fixed-weight index constructed from a representative 'basket' of occupations selected from the May 1985 Survey of Employee Earnings and Hours and subject to reselection and rebasing at infrequent intervals. Other factors affecting comparisons of the two series include seasonal influences on earnings and differences between the two series in the treatment of retrospective pay increases. A detailed description of the methodology, scope and definitions used in ARPI is published in *Award Rates of Pay Indexes, Australia* (6312.0).

10. It is also important to recognise that whilst average employee earnings can be derived from the Survey of Employment and Earnings (SEE) published in *Employed Wage and Salary Earners, Australia* (6248.0), these average earnings will not be comparable with those produced from the Survey of Average Weekly Earnings (AWE). In the AWE survey, information is obtained relating to a specified pay period, the last pay period ending on or before the third Friday of the middle month of the calendar quarter. The SEE collects the sum of employee earnings paid in *all* pay periods ending in a calendar quarter including payments to employees which are excluded from the scope of the AWE survey such as retrospective pay, pay in advance, leave loadings and severance, termination and redundancy payments. Whilst the quarterly earnings produced by the SEE are affected by the varying number of pay periods from quarter to quarter the AWE results are unaffected because of the selection of a specified pay period in the middle of a quarter. The SEE earnings data are also more subject to seasonal variations, particularly in the December and March quarters, due to the incidence of holidays taken in

January being paid in advance and the earnings being reported in December quarter figures.

#### Historical series

11. The series was introduced in August 1981 when it replaced the average weekly earnings series based principally on information from payroll tax returns. Revised estimates of average weekly earnings for the period August 1981 to November 1983 were included in *Average Weekly Earnings, States and Australia, March Quarter 1984* (6302.0) published on 12 July 1984. Users who need a measure of the movement in earnings for a period which spans both the payroll tax based and employer survey series should refer to Table 3 in that publication which presents both series linked to a common index base (August 1981 = 100).

#### Related publications

12. Users may also wish to refer to the following publications which are available on request:

*Average Weekly Earnings, States and Australia* (6302.0)—issued quarterly

*Average Weekly Earnings of Employees, Australia* (6304.0)—issued annually

*Distribution and Composition of Employee Earnings and Hours, Australia* (6306.0)—issued annually

*Job Vacancies and Overtime, Australia* (6354.0)—issued quarterly

*Employed Wage and Salary Earners, Australia* (6248.0)—issued quarterly

*Information Paper: New Statistical Series: Employment, Average Weekly Earnings, Job Vacancies and Overtime* (6256.0)—issued June 1984

*Average Weekly Earnings, Australia 1941-1990* (6350.0)—issued February 1992

Occasional Paper No. 1986/1: *Statistics on Wages, Earnings, Income and Labour Costs—A Guide to Their Concepts, Measurement and Usage*

*Award Rates of Pay Indexes, Australia* (6312.0)—issued monthly

*The Labour Force, Australia* (6203.0)—issued monthly

*Labour Force Projections, Australia 1992-2005* (6260.0)

*Weekly Earnings of Employees (Distribution) Australia* (6310.0)—issued annually

13. Current publications produced by the ABS are listed in the *Catalogue of Publications and Products, Australia* (1101.0). The ABS also issues, on Tuesdays and Fridays, a *Publications Advice* (1105.0) which lists publications to be released in the next few days. The Catalogue and Publications Advice are available from any ABS office.

#### Unpublished statistics

14. In some cases, the ABS can also make available information which is not published. This information may be made available in one or more of the following forms: microfiche, photocopy, data tape, floppy disk, computer printout or clerically extracted tabulation. Generally, a charge is made for providing unpublished information. Inquiries should be made to the contact officer or Information Services in the nearest ABS office.

15. The estimates of average weekly earnings are rounded to the nearest 10 cents.

16. Percentage changes are calculated on the actual values and may differ from calculations based on rounded estimates.

#### Forthcoming Issues

17. The following table shows the dates on which catalogue numbers 6301.0 and 6302.0 are expected to be released.

ISSUE	EXPECTED RELEASE DATE
1993	August 6301.0 (Australia, Preliminary) 28 October 1993
	August 6302.0 (States and Australia) 18 November 1993
1994	November 6301.0 (Australia, Preliminary) 10 February 1994
	November 6302.0 (States and Australia) 3 March 1994

## APPENDIX A - TECHNICAL NOTES

## Reliability of estimates

As the estimates in this publication are based on information relating to a sample of employers rather than a full enumeration, they are subject to sampling variability. That is, they may differ from the estimates that would have been produced if the information had been obtained from all employers. This difference, called *sampling error*, should not be confused with inaccuracy that may occur because of imperfections in reporting by respondents or in processing by the ABS. Such inaccuracy is referred to as *non-sampling error* and may occur in any enumeration whether it be a full count or sample. Efforts have been made to reduce non-sampling error by careful design of questionnaires, detailed checking of returns and quality control of processing.

2. The sampling error associated with any estimate can be estimated from the sample results. One measure of sampling error is given by the *standard error* which indicates the degree to which an estimate may vary from the value that would have been obtained from a full enumeration (the 'true' figure). There are about two chances in three that a sample estimate differs from the true value by less than one standard error, and about nineteen chances in twenty that the difference will be less than two standard errors.

3. An example of the use of a standard error is as follows. If the estimated average earnings was \$500.00 with a standard error of \$4.00, then there would be about two chances in three that a full enumeration would have given an estimate in the range \$496.00 to \$504.00 and about nineteen chances in twenty that it would be in the range \$492.00 to \$508.00.

4. An example of the use of a standard error for a quarterly change estimate is as follows. If the estimated standard error for a quarterly change estimate of average weekly earnings was \$1.00 and the quarterly change estimate between two quarters was \$1.50, then there would be about two chances in three that a full enumeration would have given a quarterly change estimate in the range +\$0.50 to +\$2.50 and about nineteen chances in twenty that it would be in the range -\$0.50 to +\$3.50.

5. Quarterly movements in estimates of average weekly earnings are considered to be statistically significant where they exceed two standard errors.

6. Standard errors of estimates of level by industry are shown in Table A for total all sectors for Australia. These standard errors relate to the average weekly earnings estimates in Table 3 on page 6.

TABLE A. AVERAGE WEEKLY EARNINGS OF EMPLOYEES, INDUSTRIES, AUSTRALIA, STANDARD ERROR OF LEVEL, MAY 1993

Industry	Males			Females			Persons		
	Full-time adults		All males	Full-time adults		All females	Full-time adults		All employees
	Ordinary time earnings	Total earnings	Total earnings	Ordinary time earnings	Total earnings	Total earnings	Ordinary time earnings	Total earnings	Total earnings
	— dollars —								
Mining	14.00	13.40	12.70	13.90	13.90	17.70	12.80	12.10	12.80
Manufacturing	4.50	6.30	6.10	4.60	5.00	4.80	4.10	5.60	5.40
Electricity, gas and water	2.30	2.70	3.00	2.70	3.20	2.80	1.80	2.10	2.20
Construction	12.40	20.20	18.90	23.20	24.30	45.60	13.20	20.50	29.50
Wholesale trade	16.70	17.90	20.30	11.30	11.50	14.50	13.70	14.60	17.10
Retail trade	13.40	14.50	11.80	8.20	8.80	6.20	10.80	11.70	7.60
Transport and storage	6.60	7.70	8.80	12.00	10.60	17.10	6.00	6.90	8.70
Communication	0.70	0.70	0.70	0.40	0.40	0.40	0.50	0.50	0.50
Finance, property and business services	27.20	27.20	25.90	6.80	6.80	10.60	16.60	16.70	15.20
Public administration and defence	8.30	7.90	8.10	11.50	11.20	16.20	7.60	7.10	8.60
Community services	21.90	19.90	14.40	4.30	4.30	4.50	8.90	8.00	5.60
Recreation, personal and other services	23.00	23.70	21.00	12.10	12.80	11.70	17.10	17.70	14.40
<b>Total all industries</b>	<b>5.20</b>	<b>5.40</b>	<b>5.30</b>	<b>3.00</b>	<b>3.10</b>	<b>3.60</b>	<b>3.70</b>	<b>3.80</b>	<b>3.80</b>

Note: Standard errors of movement are also available.

## APPENDIX B: GLOSSARY

*Weekly ordinary time earnings* refers to one week's earnings of employees for the reference period attributable to award, standard or agreed hours of work. It is calculated before taxation and any other deductions (e.g. superannuation, board and lodging) have been made. Included in ordinary time earnings are award payments, base rates of pay, overaward payments, penalty payments, shift and other allowances; commissions and retainers; bonuses and similar payments related to the reference period; payments under incentive or piecework; payments under profit-sharing schemes normally paid each pay period; payments for leave taken during the reference period; all workers' compensation payments made through the payroll; and salary payments made to directors. Excluded are overtime payments, retrospective pay, pay in advance, leave loadings, severance, termination and redundancy payments and other payments not related to the reference period.

2. *Weekly total earnings* of employees is equal to weekly ordinary time earnings plus weekly overtime earnings.

3. *Average weekly earnings* statistics represent average gross (before tax) earnings of employees and do not relate to average award rates nor to the earnings of the 'average person'. Estimates of average weekly earnings are derived by dividing estimates of weekly total earnings by estimates of employment. Changes in the averages may be affected not only by changes in the level of earnings of employees but also by changes in the overall composition of the employed wage and salary earner segment of the labour force. There are several aspects which can contribute to compositional changes such as variations in the proportions of part-time, casual and junior employees, variations in the occupational distribution within and across industries and variations in the distribution of employment between industries.

4. *Employees* refers to all wage and salary earners (as defined in paragraph 3 of the Explanatory Notes) who received pay for any part of the reference period.

5. *Full-time employees* are permanent, temporary and casual employees who normally work the agreed or award hours for a full-time employee in their occupation and received pay for any part of the reference period; if agreed or award hours do not apply, employees are regarded as full-time if they ordinarily work 35 hours or more per week.

6. *Adult employees* are those employees 21 years of age or over and those employees who, although under 21 years of age, are paid at the full adult rate for their occupation.

7. *Reference period* for the survey refers to the last pay period ending on or before the third Friday of the middle month of the quarter. The reference date for the current survey is 20 May 1993.

8. *Sector*. Public sector includes all local government authorities and government departments, agencies and authorities created by, or reporting to the Commonwealth and State Parliaments. All remaining employees are classified as private sector.

### GENERAL INCREASES IN AWARD WAGES

The following table gives details of general increases in award wages as a result of recent wage hearings (e.g. indexation cases). More detailed information on wage determination in Australia is contained in *Year Book, Australia* (1301.0). Figures for earlier periods were published in *Labour Statistics, Australia, 1980* (6101.0) and in *Award Rates of Pay Indexes, Australia* (6312.0).

#### GENERAL INCREASES IN AWARD WAGES — ADULTS, FEDERAL AND STATE AWARDS, ETC.

<i>Date operative(a)</i>	<i>Increase</i>	<i>Comments</i>
1985		
4 November	3.8 per cent	National Wage Case increase to all States(b). In Queensland the operative date was 11 November 1985.
1986		
1 July	2.3 per cent	National Wage Case increase to all States(c). In Queensland the operative date was 7 July 1986.
1987		
10 March	\$10.00	National Wage Case increase to all States. This is the first tier payment under the two tier wage fixing system. The decision provided for second tier increases, not exceeding 4 per cent of wages and salaries, subject to approval by the Conciliation and Arbitration Commission.
1988		
5 February	\$6.00	National Wage Case increase to all States.
September	3.0 per cent	National Wage Case increase to all States. This is the first part of the increase, which was not to be available before 1 September 1988.
1989		
March	\$10.00	National Wage Case increase to all States. This is the second part of the increase, from the August 1988 National Wage Case, which was not to be available before 1 March 1989.
August	Various	National Wage Case increase to all States. The National Wage Case decision of August 1989 allowed for an increase of \$15 (or 3% whichever is greater) for skilled workers, \$12.50 for semi-skilled workers and \$10 for unskilled workers. A second increase of the same amount will be available no earlier than 6 months after last increase.
1991		
April	2.5 per cent	National Wage Case increase to all States, subject to application to and ratification by the Australian Industrial Relations Commission.

(a) Rates are generally operative from the first pay-period on or after the date shown, except where otherwise indicated in the comments. (b) In Queensland some awards were varied by 3.6 per cent only, while in Victoria and Queensland some awards received no increase in total wages. (c) Some awards received no increase.



## For more information ...

The ABS publishes a wide range of statistics and other information on Australia's economic and social conditions. Details of what is available in various publications and other products can be found in the *ABS Catalogue of Publications and Products* available at all ABS Offices (see below for contact details).

### Information Consultancy Service

Information tailored to special needs of clients can be obtained from the Information Consultancy Service available at ABS Offices (see Information Inquiries below for contact details).

### National Dial-a-Statistic Line

0055 26 400

This number gives you 24 hour access, 365 days a year for a range of statistics.

### Electronic Data Services

A wide range of ABS data are available on electronic media. Selections of most frequently requested statistics are available, updated daily, on DISCOVERY (Key \*656#). The ABS PC TELESTATS service delivers major economic indicator main features ready to download into personal computers on the day of release. The PC AUSSTATS service enables on-line access to a data base of thousands of up-to-date time series. Selected datasets are also available on diskette or CD-ROM. For more details on electronic data services available, contact Information Services in any of the ABS Offices (see Information Inquiries below for contact details).

### Bookshops and Subscriptions

There are over 500 titles of various publications available from ABS bookshops in all ABS Offices (see below Bookshop Sales for contact details). The ABS also provides a subscription service through which nominated publications are provided by mail on a regular basis at no additional cost (telephone Publications Subscription Service toll free on 008 02 0608 Australia wide).

## Sales and Inquiries

Regional Offices	Information Inquiries	Bookshop Sales
SYDNEY (02)	268 4611	268 4620
MELBOURNE (03)	615 7000	615 7829
BRISBANE (07)	222 6351	222 6350
PERTH (09)	323 5140	323 5307
ADELAIDE (08)	237 7100	237 7582
HOBART (002)	205 800	205 800
CANBERRA (06)	207 0315	207 0315
DARWIN (089)	432 111	432 111
<b>National Office</b>		
ACT (06)	252 6007	008 020 608



Information Services, ABS, PO Box 10, Belconnen ACT 2616

