



WAGE AND SALARY EARNERS

AUSTRALIA

EMBARGO: 11:30AM (CANBERRA TIME) TUES 27 APR 1999

DECEMBER QUARTER 1998 KEY FIGURES

ESTIMATES	November 1998 '000	% change Aug 1998 to Nov 1998	% change Nov 1997 to Nov 1998
Trend—employees			
Private sector	5 654.2	1.5	5.7
Public sector	1 442.3	-1.0	-1.8
Private and public sectors	7 096.4	1.0	4.1
Seasonally adjusted—employees			
Private sector	5 657.3	1.3	5.7
Public sector	1 440.2	-0.7	-2.1
Private and public sectors	7 097.5	0.9	4.1

	Dec Qtr 1998 \$m	% change Sept Qtr '98 to Dec Qtr '98	% change Dec Qtr '97 to Dec Qtr '98
Original—gross earnings			
Private sector	46 897.6	5.1	10.8
Public sector	15 046.0	-1.6	-1.1
Private and public sectors	61 943.6	3.4	7.7

DECEMBER QUARTER 1998 KEY POINTS

TREND ESTIMATES

PRIVATE SECTOR

- In the period November 1997 to November 1998, the number of employees increased by 5.7% to 5,654,200. The largest annual percentage increases were in Queensland (10.4%) and the Australian Capital Territory (8.7%).
- In the same period the number of employees fell in the Northern Territory (1.4%) and Tasmania (1.1%).

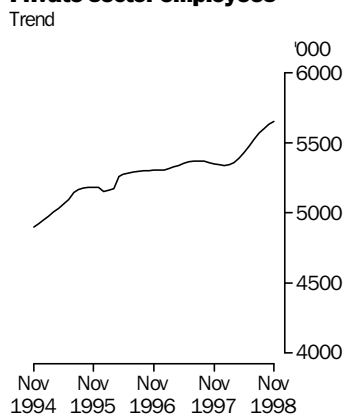
PUBLIC SECTOR

- From November 1997 to November 1998 the number of employees decreased by 26,700 (1.8%) to 1,442,300.
- In the same period the number of employees decreased in the Commonwealth Government by 6.6%, the State and Territory Governments by 0.6% and local government by 1.6%.

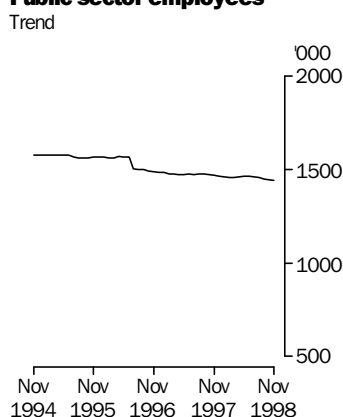
INDUSTRY

- In the year to November 1998 the number of employees in Property and business services increased by 14.9% to 866,500, and in Construction by 12.3% to 367,700.
- In the same period, the number of employees in Electricity, gas and water supply decreased by 6,100 (10.4%) to 52,700.

Private sector employees



Public sector employees



- For further information about these and related statistics, contact Ken Clarke on Perth 08 9360 5141, or any ABS office shown on the back of this publication.

NOTES

FORTHCOMING ISSUES	<i>ISSUE (Quarter)</i>	<i>EXPECTED RELEASE DATE</i>
	March 1999	22 July 1999
	June 1999	21 October 1999



NOTES ON ESTIMATES QUARTERLY MOVEMENT

The movement between the September 1998 and the December 1998 quarters for employee and earnings estimates has been affected (in part) by the inclusion of a number of businesses that were previously thought to be no longer operating. For further details refer to paragraphs 18 and 19 of the Explanatory Notes.

PRIVATISATION

The privatisation of public financial and public trading enterprises has affected estimates at the sector level over recent years.

Mainly Commonwealth Government and State Government enterprises, principally engaged in Electricity, gas and water supply, Transport and storage and Finance and insurance, have been sold.



SAMPLING ERRORS For information on sampling errors see the Technical Notes. Standard errors for the original estimates contained in this publication are in tables A and B of the Technical Notes.



SYMBOLS AND OTHER USAGES

ABS	Australian Bureau of Statistics
ANZSIC	Australian and New Zealand Standard Industrial Classification
ASIC	Australian Standard Industrial Classification
AWE	Average Weekly Earnings
LFS	Labour Force Survey
SEE	Survey of Employment and Earnings
SISCA	Standard Institutional Sector Classification of Australia
n.a.	not available
*	subject to high relative standard error. See paragraph 3 of the Technical Notes.
—	nil or rounded to zero



W. McLennan
Australian Statistician

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WAGE AND SALARY EARNERS, Industry—Australia: **Trend & Seasonally Adjusted**

	August 1997	November 1997	February 1998	May 1998	August 1998	November 1998
Industry	'000	'000	'000	'000	'000	'000
TREND						
Mining	82.0	80.1	78.5	78.5	76.5	72.1
Manufacturing	945.7	937.4	928.9	920.4	918.7	908.5
Electricity, gas and water supply	61.2	58.8	55.2	53.5	53.5	52.7
Construction	331.6	327.3	330.6	339.9	356.7	367.7
Wholesale trade	469.9	472.6	469.1	479.0	497.2	508.5
Retail trade	995.1	983.8	988.1	1 002.8	1 016.5	1 030.4
Accommodation, cafes and restaurants	368.4	368.3	376.3	381.1	386.6	382.5
Transport and storage	291.1	281.9	273.6	275.4	284.1	299.7
Communication services	130.6	124.4	120.1	121.4	124.5	123.9
Finance and insurance	259.2	261.2	272.3	287.1	291.2	292.5
Property and business services	745.0	754.0	743.3	776.3	821.8	866.5
Government administration and defence	345.3	346.0	349.5	346.8	342.5	340.0
Education	595.7	604.8	606.8	605.6	606.1	600.9
Health and community services	778.8	777.6	774.7	786.7	794.8	798.7
Cultural and recreational services	178.9	181.4	174.7	180.1	187.1	187.3
Personal and other services	260.1	262.5	252.8	250.2	261.5	271.9
All industries(a)	6 844.1	6 818.9	6 802.7	6 892.5	7 025.9	7 096.4

SEASONALLY ADJUSTED						
Mining	81.8	80.9	77.7	79.0	77.2	71.4
Manufacturing	950.1	934.0	932.8	918.6	923.0	905.4
Electricity, gas and water supply	61.1	59.0	54.9	53.0	54.2	52.3
Construction	331.8	324.3	334.4	334.4	359.0	366.7
Wholesale trade	470.2	473.7	469.0	478.5	499.2	507.1
Retail trade	1 000.0	978.9	994.5	1 002.6	1 012.9	1 036.8
Accommodation, cafes and restaurants	365.6	367.2	385.9	385.3	389.2	386.8
Transport and storage	290.2	284.2	273.8	276.8	284.4	303.5
Communication services	132.6	124.3	120.0	120.8	127.0	122.6
Finance and insurance	260.0	259.3	270.8	289.4	290.9	291.5
Property and business services	742.9	767.2	735.5	782.8	818.3	874.8
Government administration and defence	345.1	345.5	352.7	345.4	339.9	339.4
Education	593.7	609.2	611.6	594.8	606.5	601.4
Health and community services	777.2	780.5	774.3	792.0	795.8	800.6
Cultural and recreational services	183.8	181.8	176.8	186.0	183.1	183.4
Personal and other services	258.9	264.6	253.1	248.0	263.5	271.6
All industries(a)	6 853.8	6 821.0	6 820.5	6 891.8	7 036.0	7 097.5

(a) Includes employees of government agencies classified to Agriculture, forestry and fishing.

WAGE AND SALARY EARNERS, Sector—States & Territories: **Trend**

Month	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory	Australia
	'000	'000	'000	'000	'000	'000	'000	'000	'000
PRIVATE									
November 1991	1 587.0	1 238.6	691.8	386.3	391.8	108.0	43.0	63.9	4 510.3
November 1992	1 602.7	1 227.9	728.6	359.2	427.0	107.1	41.2	68.0	4 561.8
November 1993	1 644.5	1 195.5	773.8	380.2	448.9	116.1	39.4	69.9	4 668.3
November 1994	1 716.7	1 336.1	789.7	386.0	450.6	105.7	45.8	68.4	4 899.1
November 1995	1 802.6	1 358.6	894.0	400.1	507.7	109.1	41.6	67.6	5 181.3
November 1996	1 863.2	1 418.5	878.5	386.5	521.3	119.8	50.4	67.0	5 305.0
1997									
August	1 904.1	1 414.1	903.9	380.6	526.3	120.9	48.9	70.6	5 369.3
November	1 889.0	1 422.8	891.0	384.1	531.6	114.9	48.6	67.9	5 349.9
1998									
February	1 895.1	1 417.8	885.3	379.9	534.9	116.2	46.9	68.3	5 344.4
May	1 910.2	1 426.4	925.3	385.1	551.7	115.0	46.3	69.7	5 429.5
August	1 944.8	1 444.5	981.4	401.7	565.1	112.5	47.4	72.0	5 569.5
November	1 994.3	1 464.7	983.7	410.3	565.7	113.6	47.9	73.8	5 654.2
PUBLIC									
November 1991	549.4	433.6	269.1	147.5	160.2	48.8	21.4	73.2	1 703.3
November 1992	526.9	426.1	273.6	142.8	160.2	47.0	19.9	71.9	1 669.1
November 1993	521.8	384.7	275.2	139.4	156.4	46.1	20.4	74.2	1 618.4
November 1994	510.6	367.1	270.1	133.0	156.2	44.8	21.1	73.5	1 576.7
November 1995	514.5	354.3	271.9	126.6	155.4	45.0	22.2	75.1	1 565.0
November 1996	484.3	322.8	280.5	119.0	147.0	44.6	22.3	69.8	1 489.6
1997									
August	470.7	319.8	284.3	118.7	146.5	42.1	23.0	69.2	1 474.8
November	471.7	316.7	282.6	117.7	146.6	41.5	22.6	70.0	1 469.0
1998									
February	472.2	311.9	279.1	116.6	146.0	41.2	21.8	69.4	1 458.3
May	474.8	312.7	278.3	118.4	147.1	41.1	21.8	68.7	1 463.0
August	468.9	309.0	281.4	119.0	147.2	40.8	22.3	67.8	1 456.4
November	463.0	306.0	285.1	113.8	143.8	41.3	22.3	67.0	1 442.3
PRIVATE AND PUBLIC									
November 1991	2 136.5	1 672.2	960.8	533.8	552.0	156.8	64.4	137.1	6 213.6
November 1992	2 129.7	1 653.9	1 002.3	502.0	587.2	154.1	61.2	139.9	6 230.9
November 1993	2 166.4	1 580.3	1 049.0	519.6	605.3	162.2	59.8	144.0	6 286.7
November 1994	2 227.4	1 703.2	1 059.9	519.0	606.8	150.5	66.9	142.0	6 475.7
November 1995	2 317.1	1 712.9	1 165.9	526.7	663.0	154.1	63.8	142.7	6 746.3
November 1996	2 347.5	1 741.3	1 159.0	505.5	668.2	164.4	72.6	136.8	6 794.6
1997									
August	2 374.8	1 733.9	1 188.2	499.3	672.8	162.9	71.9	139.8	6 844.1
November	2 360.7	1 739.5	1 173.6	501.8	678.3	156.3	71.2	137.9	6 818.9
1998									
February	2 367.4	1 729.6	1 164.4	496.5	680.9	157.4	68.7	137.7	6 802.7
May	2 385.0	1 739.1	1 203.6	503.4	698.8	156.0	68.1	138.4	6 892.5
August	2 413.7	1 753.5	1 262.8	520.8	712.3	153.3	69.7	139.8	7 025.9
November	2 457.4	1 770.7	1 268.9	524.2	709.6	155.0	70.2	140.8	7 096.4

WAGE AND SALARY EARNERS, Level of Government—States & Territories: **Trend**

	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory	Australia
Month	'000	'000	'000	'000	'000	'000	'000	'000	'000
COMMONWEALTH GOVERNMENT									
November 1991	133.1	101.8	49.0	29.6	26.3	8.9	4.2	52.8	405.7
November 1992	126.4	96.7	46.3	27.4	24.6	8.5	3.9	52.8	386.7
November 1993	117.1	90.1	45.8	25.5	23.1	7.7	3.8	54.5	367.6
November 1994	117.8	85.0	45.2	25.0	21.9	7.7	4.0	53.9	360.5
November 1995	106.7	83.5	45.1	24.7	22.4	7.8	4.0	55.1	349.2
November 1996	82.7	70.7	39.4	18.1	20.4	7.0	4.3	51.8	294.5
1997									
August	78.3	65.2	37.3	21.0	20.9	6.6	3.7	51.3	284.3
November	75.6	62.6	35.5	19.3	20.4	6.1	3.5	51.3	274.3
1998									
February	73.1	60.8	34.2	17.9	20.7	6.0	3.4	50.0	265.9
May	73.6	59.0	34.1	17.2	20.0	5.9	3.4	49.4	262.6
August	73.6	58.6	34.5	17.0	18.6	5.8	3.5	48.6	260.4
November	72.6	56.8	34.5	16.8	18.2	5.8	3.6	48.0	256.3
STATE GOVERNMENT									
November 1991	356.8	286.9	189.3	108.6	122.1	35.9	15.9	20.4	1 135.9
November 1992	346.6	284.0	194.0	106.1	123.6	34.2	14.8	19.1	1 122.4
November 1993	351.7	249.1	195.8	104.8	120.8	34.1	15.4	19.7	1 091.4
November 1994	340.1	238.6	191.8	99.2	121.5	33.2	15.8	19.7	1 060.0
November 1995	354.3	229.8	192.8	94.1	120.3	33.0	16.2	20.0	1 060.5
November 1996	355.0	216.2	204.3	93.0	113.7	33.3	16.1	18.0	1 049.5
1997									
August	348.7	223.4	209.4	89.7	112.4	31.5	16.1	17.9	1 048.9
November	351.9	221.9	210.2	90.3	113.0	31.3	16.1	18.7	1 053.4
1998									
February	354.5	217.0	209.2	90.7	112.3	31.5	16.3	19.4	1 050.9
May	356.6	221.2	209.0	93.0	114.2	31.5	16.4	19.3	1 061.2
August	350.8	219.9	210.9	93.9	115.4	31.3	16.5	19.2	1 057.8
November	345.9	218.2	214.2	89.1	112.5	31.7	16.3	19.0	1 046.9
LOCAL GOVERNMENT									
November 1991	59.5	44.9	30.9	9.2	11.8	n.a.	n.a.	—	161.6
November 1992	53.9	45.4	33.3	9.3	12.0	n.a.	n.a.	—	160.0
November 1993	53.0	45.5	33.7	9.1	12.6	n.a.	n.a.	—	159.5
November 1994	52.8	43.5	33.1	8.8	12.7	n.a.	n.a.	—	156.1
November 1995	53.5	41.0	34.0	7.9	12.7	n.a.	n.a.	—	155.3
November 1996	46.6	36.0	36.8	7.9	12.9	n.a.	n.a.	—	145.6
1997									
August	43.7	31.2	37.6	8.1	13.2	n.a.	n.a.	—	141.6
November	44.2	32.2	36.8	8.2	13.2	n.a.	n.a.	—	141.3
1998									
February	44.7	34.1	35.7	8.0	13.0	n.a.	n.a.	—	141.4
May	44.5	32.6	35.2	8.1	12.8	n.a.	n.a.	—	139.1
August	44.5	30.5	35.9	8.1	13.2	n.a.	n.a.	—	138.3
November	44.6	31.0	36.4	7.9	13.2	n.a.	n.a.	—	139.0

WAGE AND SALARY EARNERS, Sector—States & Territories: **Seasonally Adjusted**

Month	New South Wales '000	Victoria '000	Queensland '000	South Australia '000	Western Australia '000	Tasmania '000	Northern Territory '000	Australian Capital Territory '000	Australia '000
PRIVATE									
November 1991	1 588.5	1 238.0	688.1	385.3	392.1	108.0	43.2	63.6	4 506.9
November 1992	1 603.2	1 222.7	731.4	360.0	427.1	107.3	41.1	67.7	4 560.5
November 1993	1 651.5	1 195.6	774.4	381.2	448.9	116.9	38.9	70.2	4 677.6
November 1994	1 710.4	1 332.7	790.1	384.4	448.3	104.9	45.9	68.5	4 885.2
November 1995	1 796.7	1 361.2	897.0	402.5	506.4	109.3	40.7	67.2	5 181.1
November 1996	1 871.8	1 424.0	881.2	385.1	519.5	120.1	50.3	64.8	5 316.8
1997									
August	1 907.5	1 410.2	915.9	377.0	525.1	121.9	48.6	70.7	5 376.9
November	1 876.8	1 428.5	888.1	386.2	539.9	114.2	49.2	67.5	5 350.4
1998									
February	1 906.7	1 418.3	892.2	380.2	531.2	118.2	47.0	67.9	5 361.6
May	1 913.5	1 434.2	921.7	380.2	554.4	114.8	45.9	68.5	5 433.3
August	1 936.1	1 441.1	1 006.9	403.9	565.1	111.7	47.9	72.2	5 585.0
November	2 001.1	1 464.1	981.0	409.2	566.1	114.5	47.7	73.7	5 657.3
PUBLIC									
November 1991	550.5	434.6	268.6	146.7	158.8	48.7	21.4	75.5	1 705.0
November 1992	530.8	426.8	275.4	142.3	161.0	47.1	20.1	71.9	1 675.8
November 1993	521.2	383.0	275.0	138.6	154.4	45.8	20.2	74.6	1 613.2
November 1994	510.5	366.0	270.6	133.1	157.0	44.9	21.2	72.8	1 576.4
November 1995	512.5	356.2	267.2	127.2	156.9	45.4	22.1	75.2	1 562.8
November 1996	486.6	322.4	281.1	119.1	146.3	44.5	22.3	69.7	1 492.0
1997									
August	472.4	320.6	283.9	119.4	146.4	42.1	23.1	69.0	1 477.0
November	472.7	319.1	282.1	116.6	146.0	41.4	22.7	70.2	1 470.6
1998									
February	476.8	308.1	279.4	116.8	144.9	41.5	21.9	69.2	1 458.9
May	473.4	313.1	278.9	117.4	144.8	41.1	21.7	68.2	1 458.5
August	464.1	306.7	278.3	121.1	149.7	40.7	22.5	67.9	1 451.0
November	466.9	304.4	284.4	111.7	142.6	41.2	22.5	66.8	1 440.2
PRIVATE AND PUBLIC									
November 1991	2 139.1	1 672.6	956.6	532.0	550.9	156.7	64.5	139.2	6 211.9
November 1992	2 134.0	1 649.6	1 006.8	502.3	588.1	154.3	61.2	139.7	6 236.3
November 1993	2 172.7	1 578.6	1 049.4	519.8	603.3	162.7	59.1	144.8	6 290.8
November 1994	2 220.9	1 698.7	1 060.6	517.5	605.2	149.8	67.1	141.4	6 461.6
November 1995	2 309.2	1 717.4	1 164.1	529.7	663.4	154.7	62.8	142.4	6 743.9
November 1996	2 358.4	1 746.5	1 162.3	504.2	665.7	164.6	72.6	134.6	6 808.8
1997									
August	2 380.0	1 730.8	1 199.8	496.4	671.4	164.0	71.7	139.7	6 853.8
November	2 349.5	1 747.7	1 170.1	502.8	685.9	155.5	71.9	137.8	6 821.0
1998									
February	2 383.4	1 726.4	1 171.6	497.0	676.1	159.7	68.9	137.0	6 820.5
May	2 386.9	1 747.3	1 200.6	497.6	699.2	155.9	67.6	136.6	6 891.8
August	2 400.3	1 747.9	1 285.2	525.0	714.7	152.4	70.4	140.1	7 036.0
November	2 467.9	1 768.5	1 265.4	520.9	708.7	155.7	70.1	140.4	7 097.5

WAGE AND SALARY EARNERS, Level of Government—States & Territories: **Seasonally Adjusted**

Month	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory	Australia
	'000	'000	'000	'000	'000	'000	'000	'000	'000
COMMONWEALTH GOVERNMENT									
November 1991	133.4	101.6	49.0	29.5	26.4	9.0	4.2	52.6	405.7
November 1992	126.6	96.3	46.1	27.4	24.6	8.5	3.9	52.9	386.3
November 1993	117.2	90.4	45.7	25.2	23.0	7.7	3.8	54.7	367.6
November 1994	116.8	85.2	46.0	24.9	21.9	7.6	4.0	53.5	359.9
November 1995	107.6	83.8	45.3	24.7	22.5	7.9	3.9	55.2	351.0
November 1996	82.4	70.4	39.5	18.1	20.5	7.0	4.2	51.9	294.0
1997									
August	79.1	65.7	37.6	20.9	21.2	6.6	3.7	51.3	286.1
November	75.8	62.4	35.4	19.3	20.2	6.1	3.5	51.6	274.4
1998									
February	72.6	61.6	34.0	17.9	20.9	6.0	3.4	49.7	266.3
May	73.9	58.0	33.9	16.9	20.0	5.8	3.4	49.2	261.1
August	73.2	58.3	33.5	17.0	18.4	5.8	3.5	48.6	258.3
November	72.4	55.8	34.1	16.6	18.4	5.8	3.6	47.9	254.6
STATE GOVERNMENT									
November 1991	357.5	287.8	188.7	108.0	120.6	35.7	15.9	23.0	1 137.2
November 1992	350.5	285.1	195.9	105.6	124.4	34.4	15.0	19.0	1 129.9
November 1993	350.9	247.5	195.6	104.4	119.0	33.6	15.2	19.9	1 086.1
November 1994	341.0	237.3	191.6	99.4	122.3	33.5	15.8	19.4	1 060.4
November 1995	352.0	231.0	187.9	94.7	121.5	33.3	16.2	20.0	1 056.6
November 1996	357.5	216.1	204.6	93.1	112.9	33.3	16.0	17.8	1 051.3
1997									
August	349.7	223.5	208.8	90.4	112.0	31.4	16.1	17.7	1 049.5
November	352.8	224.5	209.7	89.0	112.6	31.2	16.0	18.7	1 054.5
1998									
February	359.2	212.1	209.7	91.1	110.8	31.9	16.4	19.4	1 050.6
May	355.1	223.3	209.9	92.2	112.0	31.5	16.3	19.0	1 059.4
August	346.3	217.9	208.3	95.9	117.9	31.3	16.6	19.2	1 053.5
November	349.8	217.3	214.0	87.2	111.1	31.5	16.6	18.9	1 046.4
LOCAL GOVERNMENT									
November 1991	59.6	45.2	30.8	9.2	11.8	n.a.	n.a.	—	162.1
November 1992	53.8	45.4	33.3	9.3	12.0	n.a.	n.a.	—	159.6
November 1993	53.1	45.1	33.7	9.1	12.5	n.a.	n.a.	—	159.5
November 1994	52.7	43.5	33.1	8.8	12.8	n.a.	n.a.	—	156.1
November 1995	52.9	41.4	33.9	7.9	12.9	n.a.	n.a.	—	155.2
November 1996	46.7	36.0	37.0	7.8	12.9	n.a.	n.a.	—	146.6
1997									
August	43.7	31.4	37.5	8.1	13.2	n.a.	n.a.	—	141.4
November	44.1	32.2	36.9	8.3	13.2	n.a.	n.a.	—	141.7
1998									
February	45.0	34.3	35.7	7.8	13.1	n.a.	n.a.	—	142.0
May	44.4	31.7	35.2	8.2	12.8	n.a.	n.a.	—	138.1
August	44.6	30.5	36.4	8.1	13.4	n.a.	n.a.	—	139.2
November	44.6	31.3	36.3	7.9	13.1	n.a.	n.a.	—	139.1

WAGE AND SALARY EARNERS, Sector—States & Territories: **Original**

Month	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory	Australia
	'000	'000	'000	'000	'000	'000	'000	'000	'000
PRIVATE									
November 1991	1 605.0	1 248.0	699.2	385.8	393.5	107.8	44.1	64.7	4 548.1
November 1992	1 619.4	1 231.8	743.9	361.1	426.9	107.1	42.2	68.9	4 601.1
November 1993	1 667.9	1 203.9	787.5	383.3	446.8	116.8	40.0	71.5	4 717.6
November 1994	1 726.8	1 341.8	802.2	387.4	445.2	104.8	47.3	69.9	4 925.5
November 1995	1 813.2	1 370.6	909.4	406.2	502.4	109.3	42.0	68.7	5 221.9
November 1996	1 888.3	1 434.2	891.7	389.0	515.5	120.1	51.9	66.3	5 357.0
1997									
August	1 913.7	1 422.6	900.8	374.1	530.0	122.4	50.3	71.2	5 385.3
November	1 892.4	1 439.0	898.0	390.2	535.8	114.3	50.9	69.0	5 389.6
1998									
February	1 914.7	1 401.0	898.6	381.9	530.6	117.9	45.0	66.9	5 356.5
May	1 912.6	1 443.5	925.9	386.3	561.6	116.1	46.1	69.0	5 461.0
August	1 943.0	1 453.7	990.4	400.5	570.5	112.2	49.7	72.8	5 592.7
November	2 017.3	1 475.0	991.6	413.6	561.8	114.6	49.2	75.2	5 698.3
PUBLIC									
November 1991	556.2	439.6	271.0	147.8	161.1	49.7	21.5	75.8	1 722.7
November 1992	536.8	432.6	278.1	143.7	163.5	48.1	20.2	72.1	1 695.0
November 1993	527.9	388.6	278.0	140.5	157.0	46.8	20.3	74.7	1 633.8
November 1994	517.4	371.6	273.4	135.3	159.7	46.0	21.3	73.0	1 597.7
November 1995	520.3	361.7	269.8	129.7	159.7	46.4	22.2	75.3	1 585.2
November 1996	494.9	327.6	283.9	121.8	149.0	45.5	22.4	69.8	1 514.9
1997									
August	478.4	327.5	286.4	119.0	144.5	42.8	23.2	68.9	1 490.6
November	481.1	324.7	284.9	119.4	148.8	42.3	22.8	70.3	1 494.1
1998									
February	467.1	303.0	277.3	114.0	142.8	39.4	21.6	68.4	1 433.7
May	481.1	314.1	281.2	118.2	145.8	41.9	21.8	69.3	1 473.4
August	470.2	313.6	281.0	120.6	147.7	41.4	22.5	67.8	1 464.8
November	475.3	309.9	287.3	114.4	145.4	42.2	22.6	66.8	1 463.8
PRIVATE AND PUBLIC									
November 1991	2 161.2	1 687.6	970.1	533.6	554.6	157.5	65.6	140.5	6 270.8
November 1992	2 156.2	1 664.3	1 022.0	504.7	590.4	155.2	62.4	141.0	6 296.2
November 1993	2 195.8	1 592.4	1 065.5	523.7	603.8	163.6	60.3	146.2	6 351.4
November 1994	2 244.2	1 713.4	1 075.6	522.7	604.9	150.8	68.6	142.9	6 523.2
November 1995	2 333.5	1 732.3	1 179.3	535.9	662.2	155.7	64.2	144.0	6 807.1
November 1996	2 383.2	1 761.9	1 175.6	510.8	664.4	165.6	74.3	136.1	6 872.0
1997									
August	2 392.1	1 750.1	1 187.2	493.1	674.5	165.2	73.5	140.1	6 875.8
November	2 373.5	1 763.7	1 182.9	509.6	684.5	156.6	73.6	139.3	6 883.7
1998									
February	2 381.8	1 703.9	1 175.9	495.9	673.5	157.3	66.5	135.3	6 790.1
May	2 393.7	1 757.6	1 207.1	504.5	707.4	158.0	67.9	138.2	6 934.4
August	2 413.2	1 767.3	1 271.3	521.1	718.1	153.6	72.2	140.5	7 057.5
November	2 492.5	1 784.8	1 278.9	528.0	707.2	156.8	71.8	142.1	7 162.1

WAGE AND SALARY EARNERS, Level of Government—States & Territories: **Original**

Month	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory	Australia
	'000	'000	'000	'000	'000	'000	'000	'000	'000
COMMONWEALTH GOVERNMENT									
November 1991	133.2	101.5	48.8	29.4	26.3	9.0	4.2	52.4	404.8
November 1992	126.3	96.4	45.9	27.3	24.4	8.4	3.9	52.7	385.3
November 1993	116.7	90.6	45.5	25.1	22.9	7.6	3.8	54.5	366.6
November 1994	116.2	85.4	45.8	24.7	21.7	7.5	4.0	53.3	358.7
November 1995	106.9	84.0	45.1	24.5	22.2	7.8	3.9	55.0	349.5
November 1996	81.8	70.4	39.3	18.0	20.2	6.9	4.2	51.7	292.5
1997									
August	77.8	64.6	37.3	20.6	21.0	6.6	3.6	51.1	282.6
November	75.3	62.4	35.2	19.2	19.9	6.0	3.5	51.3	272.9
1998									
February	73.4	61.6	34.3	18.0	20.8	6.1	3.5	49.6	267.3
May	74.6	59.1	34.1	17.3	20.5	5.8	3.4	50.0	264.7
August	72.0	57.3	33.2	16.7	18.2	5.8	3.4	48.4	255.2
November	71.9	55.8	33.9	16.4	18.1	5.7	3.6	47.7	253.2
STATE GOVERNMENT									
November 1991	363.0	292.7	191.5	109.2	122.9	36.6	16.1	23.4	1 155.4
November 1992	356.5	290.5	199.1	107.0	127.0	35.4	15.1	19.4	1 149.9
November 1993	357.7	252.7	199.1	106.3	121.6	34.7	15.3	20.2	1 107.6
November 1994	348.2	242.5	195.0	101.7	125.2	34.6	15.9	19.7	1 082.8
November 1995	360.0	236.2	191.3	97.3	124.6	34.4	16.3	20.3	1 080.4
November 1996	366.0	221.1	208.1	95.9	115.9	34.5	16.1	18.1	1 075.6
1997									
August	356.8	230.9	211.7	90.3	110.4	32.1	16.1	17.7	1 066.0
November	361.3	229.9	213.2	91.8	115.7	32.3	16.1	19.0	1 079.4
1998									
February	348.7	207.2	207.2	88.0	108.8	29.6	16.1	18.8	1 024.5
May	362.3	223.6	211.4	92.8	112.5	32.4	16.5	19.3	1 070.7
August	353.5	225.2	211.3	95.8	116.2	32.0	16.5	19.3	1 069.7
November	358.3	222.7	217.6	90.0	114.2	32.7	16.7	19.1	1 071.3
LOCAL GOVERNMENT									
November 1991	60.0	45.4	30.7	9.3	11.9	4.1	1.2	—	162.5
November 1992	54.1	45.7	33.1	9.4	12.1	4.3	1.2	—	159.8
November 1993	53.5	45.3	33.4	9.1	12.5	4.5	1.2	—	159.6
November 1994	53.1	43.7	32.7	8.9	12.8	3.8	1.3	—	156.2
November 1995	53.3	41.5	33.4	7.9	12.9	4.2	2.0	—	155.3
November 1996	47.1	36.2	36.5	7.9	12.9	4.2	2.0	—	146.8
1997									
August	43.7	31.9	37.5	8.1	13.1	4.1	3.5	—	142.0
November	44.6	32.3	36.4	8.4	13.2	4.0	3.1	—	141.9
1998									
February	44.9	34.2	35.8	8.0	13.3	3.7	2.0	—	141.9
May	44.2	31.5	35.7	8.2	12.8	3.8	1.9	—	138.0
August	44.6	31.1	36.5	8.1	13.3	3.6	2.6	—	139.9
November	45.0	31.4	35.7	8.0	13.1	3.8	2.3	—	139.3

GROSS EARNINGS, Sector—States & Territories: **Original**

Period	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory	Australia
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
PRIVATE									
1992-93	43 640.1	31 889.9	17 985.9	8 629.3	11 312.4	2 567.8	946.9	1 542.5	118 514.8
1993-94	45 985.9	32 469.6	18 480.0	9 454.2	12 160.6	2 587.2	982.7	1 531.0	123 651.2
1994-95	48 387.2	37 024.5	20 264.0	9 367.2	12 400.5	2 558.5	1 113.9	1 603.0	132 718.7
1995-96	54 415.4	39 516.4	23 048.6	10 418.4	14 206.0	2 734.2	1 145.5	1 692.8	147 177.2
1996-97	59 789.0	42 652.8	24 871.0	10 295.1	15 317.7	3 073.1	1 457.8	1 726.9	159 183.4
1997-98	63 553.6	44 542.3	25 241.8	10 614.1	15 768.4	3 080.3	1 446.0	1 799.8	166 046.3
1997									
September	15 661.8	11 121.0	6 285.3	2 634.7	3 846.5	795.0	382.9	448.4	41 175.6
December	16 169.5	11 453.9	6 421.3	2 747.1	3 892.9	786.1	384.6	453.0	42 308.4
1998									
March	15 782.2	10 646.1	6 117.5	2 555.7	3 810.4	728.6	324.9	425.9	40 391.2
June	15 940.2	11 321.4	6 417.8	2 676.6	4 218.6	770.6	353.6	472.5	42 171.2
September	16 671.4	11 829.9	7 295.7	2 847.5	4 326.3	761.5	378.4	530.1	44 640.8
December	17 722.8	12 573.1	7 484.4	2 960.7	4 373.8	814.5	381.3	586.9	46 897.6
PUBLIC									
1992-93	17 613.4	14 322.4	8 453.9	4 592.5	4 994.2	1 454.0	709.2	2 621.9	54 761.5
1993-94	18 039.3	13 324.5	8 734.2	4 864.0	5 254.0	1 435.9	763.2	2 979.0	55 394.0
1994-95	18 666.8	12 698.8	8 907.6	4 553.4	5 158.5	1 412.6	788.3	2 976.2	55 162.2
1995-96	18 951.8	12 724.3	9 459.0	4 390.2	5 176.3	1 496.8	847.7	3 224.4	56 270.3
1996-97	18 817.8	12 160.4	10 160.7	4 406.9	5 282.5	1 551.5	902.4	3 304.6	56 586.8
1997-98	19 707.5	12 176.5	10 626.3	4 573.1	5 468.5	1 532.9	940.0	3 364.1	58 388.9
1997									
September	4 716.9	3 128.5	2 755.4	1 139.3	1 290.1	367.2	216.2	780.0	14 393.5
December	5 201.7	3 088.7	2 669.6	1 236.8	1 442.4	410.9	255.2	903.7	15 208.9
1998									
March	4 689.8	2 929.8	2 625.5	1 046.1	1 288.6	353.4	214.2	769.3	13 916.8
June	5 099.1	3 029.5	2 575.8	1 150.9	1 447.4	401.4	254.4	911.1	14 869.7
September	5 054.1	3 220.4	2 872.7	1 197.7	1 360.9	405.6	258.9	915.2	15 285.5
December	5 248.9	3 048.2	2 811.1	1 106.0	1 428.9	388.9	227.4	786.5	15 046.0
PRIVATE AND PUBLIC									
1992-93	61 253.4	46 212.3	26 439.8	13 221.8	16 306.6	4 021.7	1 656.2	4 164.4	173 276.3
1993-94	64 025.2	45 794.0	27 214.2	14 318.2	17 414.6	4 023.1	1 745.9	4 510.0	179 045.3
1994-95	67 054.0	49 723.2	29 171.6	13 920.6	17 559.0	3 971.1	1 902.2	4 579.3	187 880.9
1995-96	73 367.2	52 240.6	32 507.5	14 808.6	19 382.3	4 231.0	1 993.2	4 917.2	203 447.5
1996-97	78 606.8	54 813.2	35 031.7	14 702.0	20 600.2	4 624.6	2 360.2	5 031.6	215 770.2
1997-98	83 261.0	56 719.0	35 868.3	15 187.2	21 236.9	4 613.1	2 386.0	5 163.9	224 435.2
1997									
September	20 378.6	14 249.6	9 040.7	3 774.0	5 136.6	1 162.1	599.1	1 228.4	55 569.0
December	21 371.2	14 542.6	9 091.0	3 983.9	5 335.3	1 197.0	639.8	1 356.7	57 517.3
1998									
March	20 472.0	13 575.9	8 743.0	3 601.8	5 099.0	1 082.0	539.1	1 195.2	54 308.0
June	21 039.3	14 350.9	8 993.6	3 827.5	5 666.1	1 172.0	608.1	1 383.6	57 040.9
September	21 725.5	15 050.3	10 168.5	4 045.2	5 687.2	1 167.1	637.2	1 445.3	59 926.3
December	22 971.7	15 621.3	10 295.5	4 066.7	5 802.7	1 203.4	608.8	1 373.5	61 943.6

GROSS EARNINGS, Level of Government—States & Territories: **Original**

<i>Period</i>	<i>New South Wales</i>	<i>Victoria</i>	<i>Queensland</i>	<i>South Australia</i>	<i>Western Australia</i>	<i>Tasmania</i>	<i>Northern Territory</i>	<i>Australian Capital Territory</i>	Australia
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
COMMONWEALTH GOVERNMENT									
1992-93	4 713.1	3 485.7	1 605.2	935.7	832.2	298.4	137.8	2 086.7	14 095.0
1993-94	4 620.0	3 473.2	1 675.0	954.7	843.1	286.7	143.1	2 298.8	14 294.7
1994-95	4 829.2	3 365.2	1 665.4	932.9	829.1	280.0	149.7	2 289.3	14 340.8
1995-96	4 263.5	3 499.0	1 703.4	990.0	863.6	300.3	160.5	2 519.2	14 299.5
1996-97	3 735.9	3 109.8	1 655.8	914.7	885.0	299.0	165.6	2 561.8	13 327.6
1997-98	3 852.8	2 983.9	1 666.6	944.3	923.8	279.1	154.1	2 570.1	13 374.7
1997									
September	926.5	711.0	404.0	239.3	217.8	68.5	36.9	604.3	3 208.3
December	1 023.5	787.3	440.9	296.3	238.4	71.7	40.6	687.8	3 586.5
1998									
March	863.3	674.1	369.3	182.1	213.1	63.8	34.0	583.5	2 983.2
June	1 039.5	811.5	452.4	226.7	254.5	75.1	42.6	694.5	3 596.7
September	1 007.4	809.9	470.6	228.0	237.9	77.2	42.5	689.1	3 562.5
December	840.4	678.4	369.6	176.7	193.3	64.0	36.4	592.3	2 951.2
STATE GOVERNMENT									
1992-93	11 288.4	9 799.5	5 995.5	3 416.4	3 871.8	1 041.3	543.2	535.2	36 491.3
1993-94	11 767.9	8 786.1	6 157.9	3 659.0	4 105.9	1 039.7	590.9	680.2	36 787.6
1994-95	12 164.3	8 225.8	6 276.4	3 390.3	4 004.3	1 026.2	609.0	686.9	36 383.3
1995-96	12 890.2	8 080.6	6 734.0	3 169.9	3 983.5	1 076.0	643.8	705.2	37 283.3
1996-97	13 520.9	8 046.3	7 359.6	3 250.2	4 035.0	1 122.7	690.7	742.8	38 768.3
1997-98	14 312.1	8 322.9	7 785.6	3 364.4	4 169.1	1 127.9	731.1	793.7	40 606.7
1997									
September	3 404.5	2 195.2	2 042.0	833.3	978.0	264.9	162.0	175.6	10 055.5
December	3 777.4	2 075.6	1 925.3	871.0	1 106.3	306.1	198.6	215.8	10 476.0
1998									
March	3 453.4	2 040.0	1 983.0	800.0	985.9	261.2	169.2	185.7	9 878.4
June	3 676.8	2 012.1	1 835.3	860.1	1 098.9	295.7	201.3	216.6	10 196.8
September	3 636.2	2 198.0	2 098.7	899.7	1 022.3	297.1	204.5	226.0	10 582.5
December	3 982.8	2 151.0	2 136.9	861.2	1 140.3	292.8	178.6	194.2	10 937.8
LOCAL GOVERNMENT									
1992-93	1 611.8	1 037.2	853.1	240.4	290.2	114.3	28.2	—	4 175.3
1993-94	1 651.4	1 065.1	901.3	250.2	305.0	109.5	29.2	—	4 311.7
1994-95	1 673.4	1 107.7	965.7	230.2	325.1	106.4	29.6	—	4 438.1
1995-96	1 798.1	1 144.6	1 021.6	230.3	329.2	120.5	43.3	—	4 687.6
1996-97	1 560.9	1 004.3	1 145.3	242.0	362.5	129.9	46.1	—	4 491.0
1997-98	1 542.6	869.9	1 174.3	264.3	375.7	125.8	54.8	—	4 407.5
1997									
September	385.8	222.4	309.4	66.8	94.3	33.7	17.3	—	1 129.7
December	400.8	225.8	303.5	69.4	97.8	33.1	16.0	—	1 146.4
1998									
March	373.2	215.7	273.2	64.0	89.7	28.5	11.0	—	1 055.2
June	382.8	206.0	288.2	64.1	93.9	30.6	10.5	—	1 076.2
September	410.5	212.6	303.4	70.0	100.8	31.3	11.9	—	1 140.5
December	425.7	218.8	304.6	68.0	95.3	32.1	12.4	—	1 157.0

WAGE AND SALARY EARNERS, Full-time & Part-time: **Original**

	NOV 1997.....		FEB 1998.....		MAY 1998.....		AUG 1998.....		NOV 1998.....	
	<i>Full-time Part-time</i>		<i>Full-time Part-time</i>		<i>Full-time Part-time</i>		<i>Full-time Part-time</i>		<i>Full-time Part-time</i>	
	'000	'000	'000	'000	'000	'000	'000	'000	'000	'000
INDUSTRY										
Mining	78.7	2.2	75.0	* 3.1	76.4	* 3.0	74.0	2.6	68.9	2.5
Manufacturing	842.9	99.1	838.3	98.5	821.6	101.2	821.1	98.8	814.9	97.9
Electricity, gas and water supply	56.4	2.4	52.7	2.3	51.6	2.4	51.3	2.3	49.9	2.2
Construction	286.8	36.2	301.5	33.8	305.7	36.9	318.4	39.0	327.5	37.5
Wholesale trade	399.5	75.9	388.2	78.7	388.9	90.7	411.7	92.8	423.3	85.5
Retail trade	480.1	516.5	477.3	514.7	483.2	512.7	499.2	509.2	501.9	553.4
Accommodation, cafes and restaurants	163.6	215.7	167.2	212.3	153.4	223.5	162.0	230.5	156.3	242.9
Transport and storage	240.4	43.9	224.5	46.7	229.3	50.5	239.8	46.1	252.9	50.5
Communication services	111.7	12.4	108.5	12.3	108.6	13.1	112.0	12.9	108.1	14.4
Finance and insurance	212.3	50.6	216.9	49.9	232.0	55.2	232.9	59.6	239.0	56.6
Property and business services	526.4	223.0	533.2	217.1	540.5	246.1	573.8	248.4	607.5	246.5
Government administration and defence	289.9	58.2	292.2	58.5	286.4	57.9	283.6	56.8	282.6	59.5
Education	389.4	239.9	381.0	195.1	384.3	234.4	383.3	245.1	381.1	240.2
Health and community services	377.7	396.5	374.3	403.0	377.6	419.3	374.1	423.2	369.0	425.1
Cultural and recreational services	80.9	103.4	83.7	92.2	86.1	102.8	90.8	95.2	90.9	95.0
Personal and other services	190.6	75.2	175.3	76.4	178.7	74.8	181.0	80.8	186.0	86.7
All industries(a)	4 731.8	2 151.9	4 694.8	2 095.4	4 709.1	2 225.2	4 813.5	2 244.0	4 865.1	2 297.1
STATES AND TERRITORIES										
New South Wales	1 680.2	693.3	1 680.9	700.9	1 673.4	720.3	1 704.3	708.9	1 734.0	758.5
Victoria	1 206.7	556.9	1 181.6	522.4	1 186.7	570.8	1 193.2	574.1	1 207.9	576.9
Queensland	819.0	363.8	819.0	356.9	814.6	392.5	865.6	405.8	875.1	403.8
South Australia	327.7	181.9	326.1	169.7	326.4	178.1	336.9	184.3	336.6	191.4
Western Australia	446.5	238.0	441.7	231.8	461.3	246.2	465.4	252.7	458.3	248.9
Tasmania	101.6	55.0	98.7	58.6	99.2	58.9	95.5	58.1	97.1	59.7
Northern Territory	52.2	21.4	48.5	18.0	48.6	19.3	52.0	20.3	52.3	19.5
Australian Capital Territory	97.8	41.6	98.3	37.0	99.0	39.2	100.6	39.9	103.8	38.3
Australia	4 731.8	2 151.9	4 694.8	2 095.4	4 709.1	2 225.2	4 813.5	2 244.0	4 865.1	2 297.1

(a) Includes employees of government agencies classified to Agriculture, forestry & fishing.

WAGE AND SALARY EARNERS, Sector—Australia: **Original**

Industry	NUMBER OF EMPLOYEES.....						GROSS EARNINGS
	August 1997	November 1997	February 1998	May 1998	August 1998	November 1998	December Qtr 1998
	'000	'000	'000	'000	'000	'000	\$m
PRIVATE							
Mining	79.1	78.9	76.1	77.6	74.8	69.6	1 289.0
Manufacturing	941.8	937.3	932.3	918.5	915.7	909.0	9 107.1
Electricity, gas and water supply	9.8	10.1	10.0	10.1	9.9	9.7	167.0
Construction	319.1	307.1	318.3	325.3	340.5	344.8	3 406.0
Wholesale trade	473.4	473.7	465.3	477.9	503.0	507.3	4 819.1
Retail trade	994.8	996.2	991.6	995.6	1 008.1	1 055.2	5 440.2
Accommodation, cafes and restaurants	368.1	378.7	379.1	376.0	391.8	398.5	1 862.7
Transport and storage	225.5	225.6	214.8	222.7	230.5	248.3	2 378.3
Communication services	23.5	22.3	22.7	23.2	28.6	28.7	275.9
Finance and insurance	252.3	253.6	260.3	280.6	284.7	288.0	3 702.3
Property and business services	719.5	722.2	723.4	759.5	796.4	828.1	7 810.1
Education	177.7	182.0	178.2	182.2	190.8	183.4	1 391.6
Health and community services	467.5	462.9	468.4	482.0	485.9	484.0	3 202.4
Cultural and recreational services	162.5	160.1	151.3	163.5	160.1	161.6	959.9
Personal and other services	170.7	178.8	164.7	166.3	171.7	182.0	1 086.0
<i>All industries</i>	5 385.3	5 389.6	5 356.5	5 461.0	5 592.7	5 698.3	46 897.6
PUBLIC							
Agriculture, forestry and fishing	4.9	5.3	5.7	5.7	5.2	5.8	53.5
Manufacturing	4.9	4.7	4.5	4.2	4.1	3.8	43.6
Electricity, gas and water supply	50.7	48.6	45.0	43.9	43.7	42.4	599.7
Construction	11.3	15.9	17.0	17.3	16.9	20.2	258.6
Transport and storage	66.3	58.7	56.4	57.2	55.4	55.1	750.2
Communication services	106.9	101.9	98.1	98.5	96.2	93.8	1 121.5
Finance and insurance	9.2	9.4	6.5	6.6	7.8	7.6	98.3
Property and business services	26.7	27.2	26.9	27.0	25.8	25.9	301.0
Government administration and defence	345.6	348.1	350.7	344.3	340.4	342.1	3 533.2
Education	437.2	447.3	397.9	436.6	437.5	437.9	4 055.0
Health and community services	311.4	311.3	308.8	314.9	311.5	310.2	2 912.2
Cultural and recreational services	24.0	24.2	24.5	25.3	25.8	24.3	253.4
Personal and other services	86.5	87.0	87.1	87.3	90.1	90.6	1 014.4
<i>All industries(a)</i>	1 490.6	1 494.1	1 433.7	1 473.4	1 464.8	1 463.8	15 046.0
PRIVATE AND PUBLIC							
Agriculture, forestry and fishing	4.9	5.3	5.7	5.7	5.2	5.8	53.5
Mining	81.2	80.9	78.1	79.4	76.6	71.4	1 318.0
Manufacturing	946.7	942.0	936.7	922.7	919.9	912.8	9 150.7
Electricity, gas and water supply	60.4	58.8	55.0	54.0	53.6	52.1	766.8
Construction	330.4	323.0	335.4	342.6	357.4	365.0	3 664.6
Wholesale trade	475.0	475.4	466.9	479.5	504.5	508.8	4 836.7
Retail trade	995.1	996.5	992.0	995.9	1 008.5	1 055.4	5 440.9
Accommodation, cafes and restaurants	368.9	379.3	379.6	376.9	392.5	399.3	1 866.7
Transport and storage	291.8	284.3	271.2	279.9	286.0	303.4	3 128.5
Communication services	130.5	124.1	120.8	121.7	124.9	122.5	1 397.5
Finance and insurance	261.5	262.9	266.8	287.2	292.5	295.6	3 800.7
Property and business services	746.2	749.4	750.3	786.6	822.2	854.0	8 111.1
Government administration and defence	345.6	348.1	350.7	344.3	340.4	342.1	3 533.2
Education	614.9	629.3	576.1	618.7	628.3	621.3	5 446.6
Health and community services	778.9	774.2	777.2	796.9	797.3	794.2	6 114.6
Cultural and recreational services	186.5	184.3	175.9	188.9	186.0	185.9	1 213.2
Personal and other services	257.2	265.8	251.8	253.5	261.8	272.7	2 100.4
All industries	6 875.8	6 883.7	6 790.1	6 934.4	7 057.5	7 162.1	61 943.6

(a) Includes employees classified to Mining, Wholesale trade, Retail trade and Accommodation, cafes and restaurants.

WAGE AND SALARY EARNERS, Level of Government—Australia: **Original**

Industry	NUMBER OF EMPLOYEES.....						GROSS EARNINGS
	August 1997	November 1997	February 1998	May 1998	August 1998	November 1998	December Qtr 1998
	'000	'000	'000	'000	'000	'000	\$m
COMMONWEALTH GOVERNMENT							
Agriculture, forestry and fishing	0.1	0.1	0.1	0.1	0.1	0.1	1.3
Manufacturing	2.9	2.6	2.4	2.5	2.4	2.3	29.4
Electricity, gas and water supply	0.6	0.6	0.6	0.5	0.5	0.5	9.7
Construction	1.4	—	—	—	—	—	0.2
Transport and storage	8.3	7.7	6.5	7.5	7.2	7.3	106.0
Communication services	106.8	101.7	97.9	98.5	96.2	93.8	1 121.5
Finance and insurance	2.0	2.0	2.0	2.0	2.9	2.8	38.3
Property and business services	14.2	13.9	14.9	13.6	13.2	13.2	161.4
Government administration and defence	122.3	121.1	121.1	117.8	111.2	111.6	1 255.5
Education	7.0	7.3	5.9	6.2	6.3	6.5	50.2
Health and community services	3.9	3.1	3.5	3.2	2.8	2.8	18.2
Cultural and recreational services	8.0	7.8	7.7	8.0	7.6	7.5	101.4
Personal and other services	4.5	4.3	4.0	3.9	3.8	4.0	48.9
All industries(a)	282.6	272.9	267.3	264.7	255.2	253.2	2 951.2
STATE GOVERNMENT							
Agriculture, forestry and fishing	4.7	4.8	5.2	5.2	4.7	5.7	51.8
Manufacturing	1.5	1.5	1.5	1.2	1.2	1.2	11.2
Electricity, gas and water supply	44.2	43.7	39.7	38.8	38.5	37.3	542.5
Construction	8.5	14.6	15.6	15.6	15.1	18.6	243.4
Transport and storage	56.6	49.7	48.7	48.4	46.9	46.4	629.7
Communication services	0.2	0.2	0.2	—	—	—	—
Finance and insurance	7.1	7.2	4.4	4.4	4.7	4.6	57.5
Property and business services	12.5	13.2	11.9	13.3	12.5	12.6	139.3
Government administration and defence	93.1	95.7	100.9	99.4	100.6	101.8	1 220.0
Education	429.9	439.9	389.4	430.1	430.9	431.2	4 003.8
Health and community services	307.3	308.0	305.0	311.4	308.3	306.9	2 890.9
Cultural and recreational services	15.2	15.7	16.2	16.6	17.5	16.1	148.1
Personal and other services	81.9	82.1	82.9	83.2	86.1	86.4	963.6
All industries(a)	1 066.0	1 079.4	1 024.5	1 070.7	1 069.7	1 071.3	10 937.8
LOCAL GOVERNMENT							
Agriculture, forestry and fishing	0.1	0.4	0.4	0.4	0.3	* 0.1	* 0.5
Manufacturing	0.6	0.6	0.6	0.6	0.6	0.3	3.0
Electricity, gas and water supply	5.9	4.4	4.8	4.6	4.7	4.6	47.6
Construction	1.4	1.4	1.5	1.7	1.8	* 1.6	* 15.0
Transport and storage	1.4	1.3	1.3	1.3	1.4	1.4	14.4
Communication services	—	—	—	—	—	—	—
Finance and insurance	0.1	0.1	0.1	0.1	0.1	0.1	2.5
Property and business services	—	* 0.1	—	* 0.1	* 0.1	—	* 0.3
Government administration and defence	130.1	131.4	128.7	127.1	128.6	128.7	1 057.7
Education	* 0.3	* 0.1	* 2.6	* 0.2	* 0.3	* 0.2	* 1.0
Health and community services	0.2	* 0.2	* 0.3	* 0.3	* 0.4	* 0.4	* 3.1
Cultural and recreational services	0.8	0.7	0.6	0.7	0.7	0.7	3.9
Personal and other services	0.2	0.5	0.2	0.2	0.2	0.3	1.9
All industries(a)	142.0	141.9	141.9	138.0	139.9	139.3	1 157.0

(a) Includes employees classified to Mining, Wholesale trade, Retail trade and Accommodation, cafes and restaurants.

WAGE AND SALARY EARNERS, Sector—New South Wales: **Original**

Industry	NUMBER OF EMPLOYEES.....						GROSS EARNINGS
	August 1997	November 1997	February 1998	May 1998	August 1998	November 1998	December Qtr 1998
	'000	'000	'000	'000	'000	'000	\$m
PRIVATE							
Mining	17.8	16.2	16.6	17.0	12.3	10.8	249.2
Manufacturing	301.6	292.5	286.2	284.7	277.5	273.8	2 881.9
Electricity, gas and water supply	1.8	1.6	1.5	1.2	1.4	1.5	19.5
Construction	105.1	101.7	108.1	103.0	100.5	100.9	958.8
Wholesale trade	199.0	198.2	198.1	193.1	195.8	196.4	2 017.0
Retail trade	337.3	334.5	351.3	350.4	353.8	389.4	2 080.4
Accommodation, cafes and restaurants	135.0	133.8	142.7	133.0	133.9	137.7	678.9
Transport and storage	86.2	89.7	82.9	83.3	80.7	90.4	945.6
Communication services	14.0	13.7	14.4	11.9	* 17.7	* 17.9	174.2
Finance and insurance	101.9	101.9	104.0	115.0	120.1	123.6	1 866.7
Property and business services	301.4	294.2	294.2	293.5	316.1	332.9	3 456.8
Education	60.1	59.0	57.9	60.9	63.9	60.4	484.9
Health and community services	164.6	163.5	167.1	173.4	175.3	179.7	1 165.6
Cultural and recreational services	41.2	41.8	42.5	41.0	43.9	47.1	339.2
Personal and other services	46.9	50.0	47.4	51.3	50.0	54.7	404.3
All industries	1 913.7	1 892.4	1 914.7	1 912.6	1 943.0	2 017.3	17 722.8
PUBLIC							
Agriculture, forestry and fishing	2.1	2.0	2.2	2.2	1.9	1.9	18.1
Manufacturing	2.1	2.1	2.1	2.0	2.0	1.8	20.1
Electricity, gas and water supply	21.2	20.8	18.0	17.7	17.1	16.7	247.0
Construction	0.5	6.4	7.5	7.4	7.3	7.1	107.9
Transport and storage	25.0	18.9	18.5	19.8	19.4	19.1	292.5
Communication services	34.6	33.0	31.6	32.7	31.8	31.7	383.5
Finance and insurance	2.0	2.0	1.8	1.8	2.1	2.0	27.7
Property and business services	8.5	8.8	7.3	7.0	7.0	7.2	89.1
Government administration and defence	97.0	98.3	103.6	102.9	101.7	102.3	1 155.9
Education	131.6	135.7	121.8	134.5	131.2	133.3	1 346.4
Health and community services	109.0	108.5	107.9	108.7	103.9	109.4	1 046.1
Cultural and recreational services	11.2	10.9	11.2	10.9	11.5	9.6	105.6
Personal and other services	31.2	31.2	31.2	31.2	31.1	31.0	377.3
All industries(a)	478.4	481.1	467.1	481.1	470.2	475.3	5 248.9
PRIVATE AND PUBLIC							
Agriculture, forestry and fishing	2.1	2.0	2.2	2.2	1.9	1.9	18.1
Mining	19.4	17.9	18.3	18.5	13.7	12.3	275.8
Manufacturing	303.7	294.7	288.2	286.8	279.5	275.5	2 901.9
Electricity, gas and water supply	23.0	22.4	19.5	18.9	18.5	18.2	266.5
Construction	105.6	108.1	115.6	110.4	107.9	108.0	1 066.7
Wholesale trade	199.4	198.6	198.4	193.4	196.2	196.8	2 020.5
Retail trade	337.4	334.6	351.4	350.4	354.0	389.4	2 080.6
Accommodation, cafes and restaurants	135.1	134.0	142.8	133.3	134.2	137.9	680.3
Transport and storage	111.3	108.6	101.5	103.1	100.1	109.5	1 238.1
Communication services	48.5	46.8	46.0	44.6	49.6	49.6	557.7
Finance and insurance	103.8	103.9	105.8	116.8	122.1	125.6	1 894.3
Property and business services	309.9	303.0	301.5	300.5	323.1	340.1	3 545.9
Government administration and defence	97.0	98.3	103.6	102.9	101.7	102.3	1 155.9
Education	191.7	194.7	179.7	195.4	195.1	193.7	1 831.2
Health and community services	273.5	272.0	275.0	282.1	279.2	289.1	2 211.8
Cultural and recreational services	52.4	52.7	53.7	51.9	55.4	56.7	444.9
Personal and other services	78.1	81.2	78.6	82.4	81.0	85.7	781.6
All industries	2 392.1	2 373.5	2 381.8	2 393.7	2 413.2	2 492.5	22 971.7

(a) Includes employees classified to Mining, Wholesale trade, Retail trade and Accommodation, cafes and restaurants.

WAGE AND SALARY EARNERS, Sector—Victoria: **Original**

Industry	NUMBER OF EMPLOYEES.....						GROSS EARNINGS
	August 1997	November 1997	February 1998	May 1998	August 1998	November 1998	December Qtr 1998
	'000	'000	'000	'000	'000	'000	\$m
PRIVATE							
Mining	5.1	6.4	6.7	7.3	5.9	6.3	109.2
Manufacturing	318.9	328.3	329.2	318.6	318.3	312.8	3 213.4
Electricity, gas and water supply	6.1	5.6	5.6	5.9	5.3	5.2	85.1
Construction	96.5	87.4	84.1	90.3	96.5	101.0	1 079.7
Wholesale trade	102.3	106.7	105.1	105.0	113.7	120.6	1 200.5
Retail trade	243.8	248.3	228.9	230.1	233.3	239.1	1 272.4
Accommodation, cafes and restaurants	79.0	76.0	77.0	76.9	79.5	81.3	354.8
Transport and storage	67.1	62.7	63.3	63.9	64.1	65.4	630.4
Communication services	4.9	4.5	4.5	4.6	4.3	4.9	46.9
Finance and insurance	65.3	67.2	67.6	72.8	67.3	70.4	935.0
Property and business services	177.4	186.0	183.5	206.1	202.4	207.2	1 960.0
Education	47.3	48.8	46.9	51.4	53.9	52.7	372.8
Health and community services	108.2	105.3	107.9	111.7	107.3	102.0	718.3
Cultural and recreational services	57.4	58.0	51.2	63.1	58.7	61.7	332.3
Personal and other services	43.4	47.7	39.4	35.8	43.1	44.4	262.3
All industries	1 422.6	1 439.0	1 401.0	1 443.5	1 453.7	1 475.0	12 573.1
PUBLIC							
Agriculture, forestry and fishing	0.2	0.2	* 0.4	* 0.4	* 0.3	* 0.3	* 3.5
Manufacturing	1.1	1.1	1.0	1.0	1.0	1.0	12.8
Electricity, gas and water supply	4.3	4.3	3.7	3.7	4.3	4.3	56.1
Construction	2.7	2.5	2.5	2.5	2.5	2.4	25.0
Transport and storage	10.5	9.6	9.2	8.9	8.4	8.3	104.5
Communication services	33.7	32.0	30.6	30.2	29.6	27.7	342.7
Finance and insurance	1.8	2.1	2.0	2.1	2.0	2.0	23.4
Property and business services	4.4	4.5	4.5	4.4	4.5	4.3	52.6
Government administration and defence	63.9	64.9	65.6	61.8	60.0	60.8	570.1
Education	105.6	104.6	86.8	100.1	101.7	99.6	910.5
Health and community services	77.4	77.7	75.4	77.4	76.3	75.9	698.7
Cultural and recreational services	4.1	3.9	4.0	4.5	4.5	4.7	49.1
Personal and other services	16.9	16.7	16.6	16.5	18.1	18.2	192.0
All industries(a)	327.5	324.7	303.0	314.1	313.6	309.9	3 048.2
PRIVATE AND PUBLIC							
Agriculture, forestry and fishing	0.2	0.2	* 0.4	* 0.4	* 0.3	* 0.3	* 3.5
Mining	5.1	6.4	6.7	7.3	5.9	6.3	109.2
Manufacturing	320.0	329.3	330.2	319.6	319.3	313.8	3 226.2
Electricity, gas and water supply	10.4	9.9	9.4	9.6	9.6	9.5	141.2
Construction	99.2	89.9	86.7	92.8	99.0	103.4	1 104.6
Wholesale trade	102.7	107.1	105.4	105.4	114.1	121.0	1 207.0
Retail trade	243.9	248.4	228.9	230.1	233.3	239.1	1 272.4
Accommodation, cafes and restaurants	79.3	76.2	77.1	77.2	79.6	81.4	355.3
Transport and storage	77.6	72.3	72.5	72.8	72.6	73.8	734.9
Communication services	38.5	36.5	35.1	34.8	33.9	32.5	389.7
Finance and insurance	67.0	69.3	69.7	74.9	69.2	72.3	958.4
Property and business services	181.8	190.5	188.0	210.4	206.9	211.5	2 012.6
Government administration and defence	63.9	64.9	65.6	61.8	60.0	60.8	570.1
Education	152.9	153.5	133.7	151.5	155.6	152.3	1 283.3
Health and community services	185.6	183.0	183.3	189.1	183.6	177.8	1 417.0
Cultural and recreational services	61.5	61.9	55.2	67.6	63.2	66.4	381.4
Personal and other services	60.3	64.4	56.0	52.3	61.2	62.6	454.3
All industries	1 750.1	1 763.7	1 703.9	1 757.6	1 767.3	1 784.8	15 621.3

(a) Includes employees classified to Mining, Wholesale trade, Retail trade and Accommodation, cafes and restaurants.

WAGE AND SALARY EARNERS, Sector—Queensland: **Original**

Industry	NUMBER OF EMPLOYEES.....						GROSS EARNINGS
	August 1997	November 1997	February 1998	May 1998	August 1998	November 1998	December Qtr 1998
	'000	'000	'000	'000	'000	'000	\$m
PRIVATE							
Mining	19.6	18.7	17.7	17.1	20.2	18.4	355.7
Manufacturing	135.9	138.1	142.7	137.3	137.7	140.0	1 255.4
Electricity, gas and water supply	0.8	0.7	1.0	1.1	1.1	1.3	41.2
Construction	59.1	55.8	62.3	66.0	70.0	67.4	595.2
Wholesale trade	81.1	76.7	70.4	90.0	105.7	103.2	868.9
Retail trade	190.4	179.2	187.7	190.8	195.3	199.2	982.7
Accommodation, cafes and restaurants	68.0	78.4	73.1	80.9	82.8	78.5	389.8
Transport and storage	33.1	32.6	28.9	32.2	38.2	38.9	308.3
Communication services	* 2.3	* 1.4	1.5	* 4.2	* 4.2	* 3.9	* 41.1
Finance and insurance	33.4	33.1	33.2	34.0	35.6	34.0	335.2
Property and business services	89.5	92.7	95.4	93.6	112.9	123.3	1 092.6
Education	33.8	37.3	36.8	33.3	35.5	34.1	261.7
Health and community services	87.4	86.1	83.7	82.1	88.7	88.6	628.8
Cultural and recreational services	31.8	32.6	30.0	29.0	27.0	23.4	126.7
Personal and other services	34.7	34.4	34.3	34.4	35.5	37.4	201.0
All industries	900.8	898.0	898.6	925.9	990.4	991.6	7 484.4
PUBLIC							
Agriculture, forestry and fishing	* 0.1	0.4	0.4	0.4	0.4	1.0	9.1
Manufacturing	0.7	0.7	0.7	0.7	0.7	0.6	5.3
Electricity, gas and water supply	10.9	9.3	9.1	9.0	9.0	8.5	114.6
Construction	4.1	3.7	3.7	3.9	3.9	7.3	84.0
Transport and storage	19.3	19.4	19.3	19.5	19.3	19.5	253.6
Communication services	16.6	15.7	15.2	15.5	15.3	15.2	176.1
Finance and insurance	3.6	3.5	0.7	0.8	1.5	1.5	18.6
Property and business services	4.2	4.1	4.3	4.5	4.5	4.8	52.4
Government administration and defence	71.0	70.6	69.5	69.1	71.2	72.4	685.2
Education	87.8	88.6	84.7	87.4	86.8	88.2	735.3
Health and community services	49.0	48.6	49.2	49.3	48.4	48.4	481.9
Cultural and recreational services	1.4	2.0	2.1	2.5	2.4	2.2	21.1
Personal and other services	16.6	17.2	17.5	17.8	16.7	17.0	167.8
All industries(a)	286.4	284.9	277.3	281.2	281.0	287.3	2 811.1
PRIVATE AND PUBLIC							
Agriculture, forestry and fishing	* 0.1	0.4	0.4	0.4	0.4	1.0	9.1
Mining	20.0	19.1	18.0	17.4	20.5	18.7	358.0
Manufacturing	136.6	138.7	143.3	138.0	138.3	140.6	1 260.7
Electricity, gas and water supply	11.7	10.0	10.1	10.1	10.1	9.7	155.8
Construction	63.2	59.6	66.0	69.9	73.9	74.7	679.3
Wholesale trade	81.6	77.2	70.9	90.5	106.1	103.5	872.6
Retail trade	190.5	179.3	187.7	190.9	195.5	199.2	982.8
Accommodation, cafes and restaurants	68.0	78.4	73.1	80.9	82.9	78.6	390.2
Transport and storage	52.5	52.0	48.2	51.8	57.5	58.4	561.9
Communication services	19.0	17.2	16.7	19.7	19.5	19.1	217.2
Finance and insurance	37.0	36.6	34.0	34.7	37.2	35.5	353.8
Property and business services	93.7	96.8	99.7	98.0	117.4	128.1	1 144.9
Government administration and defence	71.0	70.6	69.5	69.1	71.2	72.4	685.2
Education	121.6	125.9	121.6	120.6	122.4	122.3	997.1
Health and community services	136.4	134.7	132.9	131.3	137.1	137.0	1 110.7
Cultural and recreational services	33.1	34.6	32.1	31.4	29.4	25.6	147.8
Personal and other services	51.3	51.6	51.8	52.2	52.2	54.4	368.7
All industries	1 187.2	1 182.9	1 175.9	1 207.1	1 271.3	1 278.9	10 295.5

(a) Includes employees classified to Mining, Wholesale trade, Retail trade and Accommodation, cafes and restaurants.

WAGE AND SALARY EARNERS, Sector—South Australia: **Original**

Industry	NUMBER OF EMPLOYEES.....						GROSS EARNINGS
	August 1997	November 1997	February 1998	May 1998	August 1998	November 1998	December Qtr 1998
	'000	'000	'000	'000	'000	'000	\$m
PRIVATE							
Mining	3.2	3.0	3.0	3.1	3.4	3.3	45.7
Manufacturing	88.3	85.3	81.3	84.0	84.8	84.8	800.7
Electricity, gas and water supply	0.6	1.7	1.4	1.2	1.2	1.2	14.7
Construction	16.0	17.7	17.3	14.7	15.7	18.8	140.6
Wholesale trade	36.7	35.9	35.9	32.6	35.5	36.2	259.2
Retail trade	67.6	75.1	74.2	71.9	70.5	75.5	359.3
Accommodation, cafes and restaurants	23.4	25.5	23.3	24.5	25.4	27.2	102.1
Transport and storage	10.3	11.2	12.0	14.0	15.0	16.8	154.9
Communication services	* 0.7	* 0.7	* 0.5	* 0.6	* 0.7	* 0.7	* 4.7
Finance and insurance	19.2	19.4	19.3	20.7	24.2	23.8	222.0
Property and business services	36.1	40.6	40.5	41.6	49.2	50.7	431.9
Education	11.1	11.4	11.1	11.8	12.0	12.0	79.6
Health and community services	39.2	39.1	40.3	43.9	42.3	40.9	241.4
Cultural and recreational services	8.1	7.3	7.3	6.9	6.4	8.3	45.3
Personal and other services	13.6	16.3	14.4	14.9	14.1	13.5	58.5
All industries	374.1	390.2	381.9	386.3	400.5	413.6	2 960.7
PUBLIC							
Agriculture, forestry and fishing	0.2	0.2	0.2	0.3	0.2	0.2	2.0
Manufacturing	0.2	0.2	0.2	—	—	—	—
Electricity, gas and water supply	3.9	3.9	3.8	3.7	3.6	3.3	56.5
Construction	1.2	1.1	1.2	1.2	1.3	1.5	15.8
Transport and storage	4.4	3.7	2.7	2.7	2.7	2.7	30.1
Communication services	8.3	8.0	7.7	7.1	6.9	6.8	77.1
Finance and insurance	0.5	0.5	0.5	0.5	0.5	0.5	6.9
Property and business services	1.5	1.4	1.4	2.9	1.6	1.5	15.6
Government administration and defence	25.8	25.6	25.2	23.7	24.6	23.2	219.0
Education	34.0	35.6	31.9	34.4	35.5	36.3	340.8
Health and community services	29.8	30.3	30.2	32.7	34.3	28.5	239.2
Cultural and recreational services	1.7	1.6	1.6	1.6	2.0	2.2	19.7
Personal and other services	7.1	7.0	7.0	7.2	7.2	7.2	80.8
All industries(a)	119.0	119.4	114.0	118.2	120.6	114.4	1 106.0
PRIVATE AND PUBLIC							
Agriculture, forestry and fishing	0.2	0.2	0.2	0.3	0.2	0.2	2.0
Mining	3.2	3.0	3.0	3.1	3.4	3.3	45.7
Manufacturing	88.5	85.5	81.4	84.0	84.8	84.8	800.7
Electricity, gas and water supply	4.5	5.6	5.2	4.9	4.8	4.6	71.2
Construction	17.2	18.9	18.4	15.9	17.0	20.3	156.4
Wholesale trade	36.8	36.0	36.0	32.7	35.6	36.3	260.5
Retail trade	67.7	75.2	74.3	72.0	70.5	75.5	359.8
Accommodation, cafes and restaurants	23.5	25.6	23.4	24.6	25.6	27.4	102.8
Transport and storage	14.7	14.9	14.7	16.6	17.7	19.5	185.0
Communication services	9.0	8.6	8.3	7.7	7.6	7.5	81.9
Finance and insurance	19.7	20.0	19.8	21.2	24.7	24.4	228.9
Property and business services	37.7	42.0	41.9	44.5	50.8	52.2	447.5
Government administration and defence	25.8	25.6	25.2	23.7	24.6	23.2	219.0
Education	45.1	46.9	43.0	46.1	47.5	48.3	420.5
Health and community services	69.1	69.4	70.5	76.6	76.5	69.4	480.6
Cultural and recreational services	9.8	8.9	8.9	8.5	8.4	10.5	65.1
Personal and other services	20.6	23.3	21.4	22.0	21.3	20.8	139.3
All industries	493.1	509.6	495.9	504.5	521.1	528.0	4 066.7

(a) Includes employees classified to Mining, Wholesale trade, Retail trade and Accommodation, cafes and restaurants.

WAGE AND SALARY EARNERS, Sector—Western Australia: **Original**

Industry	NUMBER OF EMPLOYEES.....						GROSS EARNINGS
	August 1997	November 1997	February 1998	May 1998	August 1998	November 1998	December Qtr 1998
	'000	'000	'000	'000	'000	'000	\$m
PRIVATE							
Mining	29.3	30.5	28.2	29.3	29.6	27.2	471.8
Manufacturing	68.7	65.1	65.3	66.2	69.8	70.5	682.8
Electricity, gas and water supply	0.4	0.4	0.4	0.5	0.7	0.3	4.3
Construction	29.3	33.1	35.7	41.2	46.3	44.1	506.2
Wholesale trade	39.6	42.1	40.1	41.0	37.0	35.6	340.7
Retail trade	105.8	110.4	102.6	103.7	105.3	102.6	471.5
Accommodation, cafes and restaurants	38.8	41.5	40.4	38.4	49.0	51.5	230.4
Transport and storage	19.8	20.7	19.1	20.9	23.7	26.9	241.6
Communication services	* 1.0	* 1.2	1.2	1.2	* 1.2	* 0.9	* 5.8
Finance and insurance	23.4	22.7	27.2	29.2	29.3	28.8	275.0
Property and business services	84.7	79.2	82.0	96.2	84.4	80.2	589.0
Education	16.4	16.8	17.3	16.2	17.4	16.0	126.8
Health and community services	41.6	42.3	42.2	43.4	43.4	45.2	270.4
Cultural and recreational services	16.4	13.6	14.0	* 17.7	17.5	14.0	75.3
Personal and other services	14.7	15.9	14.9	16.5	15.8	18.0	82.2
All industries	530.0	535.8	530.6	561.6	570.5	561.8	4 373.8
PUBLIC							
Agriculture, forestry and fishing	1.6	1.6	1.7	1.7	1.6	1.7	13.6
Manufacturing	0.4	0.4	0.4	0.3	0.3	0.4	4.1
Electricity, gas and water supply	6.4	6.5	6.5	6.0	6.0	6.0	76.6
Construction	2.1	2.0	1.9	1.8	1.6	1.5	24.0
Transport and storage	3.8	3.7	3.6	3.4	2.6	2.6	34.4
Communication services	8.8	8.4	8.2	8.4	8.2	8.0	92.1
Finance and insurance	0.5	0.5	0.6	0.6	0.6	0.6	8.6
Property and business services	4.5	4.5	4.6	4.7	4.6	4.5	52.9
Government administration and defence	30.6	31.9	31.9	31.5	28.3	29.3	272.1
Education	46.9	50.5	44.6	48.2	50.4	48.0	443.2
Health and community services	28.5	28.5	28.9	29.0	31.1	30.5	270.1
Cultural and recreational services	1.8	1.9	1.8	1.9	1.8	1.8	17.0
Personal and other services	8.3	8.0	7.9	7.9	10.2	10.2	117.0
All industries(a)	144.5	148.8	142.8	145.8	147.7	145.4	1 428.9
PRIVATE AND PUBLIC							
Agriculture, forestry and fishing	1.6	1.6	1.7	1.7	1.6	1.7	13.6
Mining	29.3	30.5	28.2	29.3	29.6	27.2	471.8
Manufacturing	69.1	65.5	65.6	66.5	70.1	70.9	686.9
Electricity, gas and water supply	6.8	6.9	6.8	6.5	6.7	6.3	80.9
Construction	31.4	35.1	37.6	43.0	47.9	45.7	530.2
Wholesale trade	39.7	42.3	40.3	41.2	37.2	35.8	343.0
Retail trade	105.8	110.4	102.6	103.7	105.3	102.6	471.5
Accommodation, cafes and restaurants	38.9	41.6	40.5	38.6	49.1	51.7	231.2
Transport and storage	23.6	24.4	22.7	24.4	26.4	29.5	276.0
Communication services	9.8	9.6	9.5	9.6	9.5	8.9	98.0
Finance and insurance	24.0	23.3	27.7	29.7	29.9	29.4	283.6
Property and business services	89.2	83.7	86.6	101.0	89.0	84.7	642.0
Government administration and defence	30.6	31.9	31.9	31.5	28.3	29.3	272.1
Education	63.3	67.3	61.8	64.4	67.8	64.0	570.0
Health and community services	70.2	70.8	71.1	72.4	74.5	75.6	540.5
Cultural and recreational services	18.3	15.5	15.9	19.6	19.3	15.8	92.3
Personal and other services	23.0	23.9	22.8	24.4	26.0	28.2	199.2
All industries	674.5	684.5	673.5	707.4	718.1	707.2	5 802.7

(a) Includes employees classified to Mining, Wholesale trade, Retail trade and Accommodation, cafes and restaurants.

WAGE AND SALARY EARNERS, Sector—Tasmania: **Original**

Industry	NUMBER OF EMPLOYEES.....						GROSS EARNINGS
	August 1997	November 1997	February 1998	May 1998	August 1998	November 1998	December Qtr 1998
	'000	'000	'000	'000	'000	'000	\$m
PRIVATE							
Mining	1.7	1.6	1.6	1.5	1.3	1.4	19.5
Manufacturing	21.7	21.5	21.2	21.9	22.2	22.5	228.5
Electricity, gas and water supply	0.1	0.1	0.1	0.1	0.2	0.1	1.3
Construction	* 6.4	4.5	4.5	4.1	3.8	4.3	39.5
Wholesale trade	* 8.5	* 8.2	* 10.0	10.6	9.8	9.7	69.1
Retail trade	22.5	21.7	24.3	22.9	21.5	21.7	107.2
Accommodation, cafes and restaurants	11.1	10.8	11.0	10.2	9.0	10.3	44.7
Transport and storage	4.3	4.6	4.6	4.4	4.3	5.3	57.1
Communication services	* 0.5	* 0.5	* 0.3	* 0.4	* 0.2	* 0.2	* 0.8
Finance and insurance	4.9	4.9	4.9	4.9	4.8	4.0	35.0
Property and business services	12.2	11.1	10.7	10.2	10.3	10.6	60.0
Education	4.0	3.8	3.3	3.5	3.0	3.1	23.6
Health and community services	14.4	14.6	15.3	15.6	16.0	15.0	91.4
Cultural and recreational services	* 2.9	1.7	1.8	2.1	2.7	2.8	16.9
Personal and other services	* 7.2	4.4	4.3	3.6	3.2	3.6	19.6
All industries	122.4	114.3	117.9	116.1	112.2	114.6	814.5
PUBLIC							
Agriculture, forestry and fishing	0.6	0.6	0.6	0.6	0.6	0.6	6.1
Manufacturing	0.1	0.1	0.1	0.1	0.1	0.1	0.6
Electricity, gas and water supply	2.0	2.0	1.9	1.9	1.8	1.9	27.0
Construction	0.2	0.2	0.3	0.4	0.3	0.2	1.8
Transport and storage	1.1	1.1	1.0	0.8	0.9	0.8	6.7
Communication services	2.2	2.1	2.0	2.0	2.1	2.0	22.6
Finance and insurance	0.2	0.2	0.2	0.2	0.3	0.2	3.8
Property and business services	0.8	0.8	0.8	0.4	0.6	0.6	5.3
Government administration and defence	10.0	9.7	9.5	9.6	9.2	10.0	94.5
Education	14.0	14.3	12.1	14.8	14.4	14.7	110.5
Health and community services	9.2	8.9	8.4	8.7	8.6	8.6	84.4
Cultural and recreational services	0.6	0.6	0.6	0.6	0.6	0.6	6.6
Personal and other services	1.9	1.9	1.9	1.9	2.0	2.0	18.8
All industries(a)	42.8	42.3	39.4	41.9	41.4	42.2	388.9
PRIVATE AND PUBLIC							
Agriculture, forestry and fishing	0.6	0.6	0.6	0.6	0.6	0.6	6.1
Mining	1.7	1.6	1.6	1.5	1.3	1.4	19.5
Manufacturing	21.8	21.6	21.2	22.0	22.3	22.5	229.1
Electricity, gas and water supply	2.1	2.0	2.0	2.0	2.0	2.0	28.3
Construction	* 6.6	4.7	4.8	4.4	4.0	4.5	41.3
Wholesale trade	* 8.6	* 8.2	* 10.1	10.6	9.8	9.7	69.4
Retail trade	22.5	21.7	24.3	22.9	21.5	21.7	107.2
Accommodation, cafes and restaurants	11.1	10.8	11.0	10.2	9.0	10.3	44.7
Transport and storage	5.4	5.7	5.6	5.2	5.2	6.1	63.8
Communication services	2.7	2.6	2.4	2.4	2.2	2.3	23.5
Finance and insurance	5.0	5.1	5.1	5.0	5.0	4.2	38.8
Property and business services	12.9	11.9	11.4	10.6	10.9	11.1	65.3
Government administration and defence	10.0	9.7	9.5	9.6	9.2	10.0	94.5
Education	18.0	18.1	15.5	18.3	17.4	17.8	134.1
Health and community services	23.6	23.5	23.7	24.3	24.6	23.6	175.9
Cultural and recreational services	* 3.5	2.4	2.4	2.7	3.3	3.4	23.6
Personal and other services	* 9.0	6.3	6.2	5.5	5.2	5.5	38.4
All industries	165.2	156.6	157.3	158.0	153.6	156.8	1 203.4

(a) Includes employees classified to Mining, Wholesale trade, Retail trade and Accommodation, cafes and restaurants.

WAGE AND SALARY EARNERS, Industry—Territories: **Original**

Industry	NUMBER OF EMPLOYEES.....						GROSS EARNINGS
	August 1997	November 1997	February 1998	May 1998	August 1998	November 1998	December Qtr 1998
	'000	'000	'000	'000	'000	'000	\$m
NORTHERN TERRITORY							
Agriculture, forestry and fishing	0.1	0.1	0.1	0.1	0.1	0.1	1.2
Mining	2.5	2.3	2.2	2.3	2.2	2.2	37.5
Manufacturing	3.5	3.2	3.2	2.5	2.8	2.8	28.6
Electricity, gas and water supply	0.8	0.8	0.8	0.8	0.8	0.8	9.2
Construction	3.0	3.7	2.9	3.1	3.6	4.0	41.0
Wholesale trade	3.1	2.7	2.6	2.4	2.2	2.3	20.1
Retail trade	10.8	11.8	9.6	10.2	11.8	10.8	67.6
Accommodation, cafes and restaurants	5.6	4.9	4.4	4.8	5.1	4.8	27.3
Transport and storage	3.1	2.6	2.5	2.2	2.5	2.6	24.4
Communication services	0.9	0.9	0.9	0.9	0.8	0.8	9.4
Finance and insurance	* 1.8	1.7	* 1.7	* 1.6	1.0	1.0	9.1
Property and business services	6.1	* 6.0	4.5	4.9	6.6	6.0	53.2
Government administration and defence	9.3	8.6	7.8	7.7	8.3	7.9	75.0
Education	7.0	7.1	6.8	7.3	7.3	7.5	68.5
Health and community services	8.1	8.0	7.7	8.1	8.4	8.5	74.1
Cultural and recreational services	2.6	2.7	2.6	2.5	2.4	*2.9	20.4
Personal and other services	5.4	6.5	6.3	6.5	6.5	6.8	42.3
All industries	73.5	73.6	66.5	67.9	72.2	71.8	608.8
AUSTRALIAN CAPITAL TERRITORY							
Agriculture, forestry and fishing	—	—	—	—	—	—	—
Mining	—	—	—	—	—	—	0.4
Manufacturing	3.5	3.4	3.4	3.3	2.6	* 1.9	* 16.4
Electricity, gas and water supply	1.2	1.2	1.3	1.2	1.2	1.0	13.8
Construction	* 4.2	* 3.2	* 3.3	* 3.0	* 4.1	* 4.3	* 45.1
Wholesale trade	3.1	3.1	3.1	3.3	3.3	3.4	* 43.6
Retail trade	16.5	15.1	13.2	15.7	16.7	17.0	99.2
Accommodation, cafes and restaurants	7.3	7.7	7.2	7.2	7.1	7.1	34.9
Transport and storage	3.6	3.7	3.6	3.8	4.0	4.0	44.4
Communication services	2.0	2.0	2.0	2.0	1.9	1.9	20.2
Finance and insurance	3.2	3.2	3.1	3.2	3.4	3.2	33.8
Property and business services	14.9	15.4	16.8	16.6	17.5	20.3	* 199.8
Government administration and defence	38.1	38.6	37.5	38.2	37.0	36.2	461.5
Education	15.3	15.7	14.0	15.1	15.3	15.4	141.9
Health and community services	12.4	12.9	13.0	12.9	13.5	13.1	104.1
Cultural and recreational services	5.3	5.6	5.0	4.5	4.7	4.6	37.8
Personal and other services	9.5	8.6	8.7	8.2	8.3	8.6	76.5
All industries	140.1	139.3	135.3	138.2	140.5	142.1	1 373.5

WAGE AND SALARY EARNERS, Private Sector—Employer Size(a): **Original**

NUMBER OF EMPLOYEES—NOVEMBER 1998 GROSS EARNINGS—DECEMBER QTR 1998

	NUMBER OF EMPLOYEES—NOVEMBER 1998				GROSS EARNINGS—DECEMBER QTR 1998			
	<i>Less than 20 employees</i>	<i>20 to 99 employees</i>	<i>100 or more employees</i>	<i>Total</i>	<i>Less than 20 employees</i>	<i>20 to 99 employees</i>	<i>100 or more employees</i>	<i>Total</i>
	'000	'000	'000	'000	\$m	\$m	\$m	\$m
INDUSTRY								
Mining	6.8	9.8	53.0	69.6	91.4	145.7	1 051.9	1 289.0
Manufacturing	218.1	226.8	464.1	909.0	1 532.8	2 131.8	5 442.5	9 107.1
Electricity, gas and water supply	0.5	0.9	8.3	9.7	5.4	13.5	148.1	167.0
Construction	214.5	59.0	71.3	344.8	1 673.6	748.5	983.9	3 406.0
Wholesale trade	198.9	199.3	109.2	507.3	1 635.8	1 972.5	1 210.8	4 819.1
Retail trade	433.3	146.3	475.6	1 055.2	2 271.9	882.4	2 285.9	5 440.2
Accommodation, cafes and restaurants	148.0	151.2	99.3	398.5	539.3	726.3	597.1	1 862.7
Transport and storage	105.2	42.4	100.7	248.3	720.7	413.0	1 244.6	2 378.3
Communication services	* 13.1	* 2.8	* 12.8	28.7	* 111.9	* 32.2	131.8	275.9
Finance and insurance	45.7	37.2	205.1	288.0	* 465.3	622.4	2 614.6	3 702.3
Property and business services	420.0	162.7	245.4	828.1	3 601.9	1 995.8	2 212.4	7 810.1
Education	41.3	52.3	89.7	183.4	198.4	428.7	764.5	1 391.6
Health and community services	179.8	126.0	178.2	484.0	1 310.5	745.1	1 146.8	3 202.4
Cultural and recreational services	44.6	* 54.6	62.4	161.6	184.9	276.5	498.5	959.9
Personal and other services	100.7	38.2	43.1	182.0	485.9	239.1	361.0	1 086.0
All industries	2 170.5	1 309.5	2 218.3	5 698.3	14 829.7	11 373.3	20 694.6	46 897.6
STATES AND TERRITORIES								
New South Wales	751.2	447.6	818.4	2 017.3	5 626.3	4 092.7	8 003.8	17 722.8
Victoria	530.8	379.8	564.3	1 475.0	3 495.3	3 446.3	5 631.5	12 573.1
Queensland	411.0	190.2	390.3	991.6	2 685.6	1 555.1	3 243.6	7 484.4
South Australia	160.7	105.4	147.5	413.6	926.5	787.7	1 246.5	2 960.7
Western Australia	216.0	119.3	226.5	561.8	1 404.0	985.5	1 984.3	4 373.8
Tasmania	42.8	33.4	38.4	114.6	235.3	256.0	323.1	814.5
Northern Territory	20.3	15.9	13.0	49.2	154.1	115.9	111.3	381.3
Australian Capital Territory	37.6	17.8	19.8	75.2	302.3	134.1	150.5	586.9
Australia	2 170.5	1 309.5	2 218.3	5 698.3	14 829.7	11 373.3	20 694.6	46 897.6

(a) See paragraph 15 of the Explanatory Notes, and the Glossary.

EXPLANATORY NOTES

INTRODUCTION

1 This publication contains estimates from the quarterly Survey of Employment and Earnings (SEE) which was introduced in the September quarter 1983. The survey is designed to obtain, from employer units, information on numbers of wage and salary earners employed each month and their quarterly earnings. It replaced the civilian employees series, based principally on information obtained from payroll tax returns, which was discontinued after April 1980.

SCOPE

2 All wage and salary earners who received pay in any pay period ending within the quarter were represented in the survey, except:

- members of the Australian permanent defence forces;
- employees of businesses in the private sector primarily engaged in Agriculture, forestry and fishing;
- 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.

3 An indicator of the number of wage and salary earners out of scope as at June 1998 is shown in the following list:

New South Wales	70,101
Victoria	43,907
Queensland	55,244
South Australia	26,266
Western Australia	24,882
Tasmania	8,667
Northern Territory	7,595
Australian Capital Territory	8,809
Australia	245,470

4 Estimates of the number of employees in private sector Agriculture, forestry and fishing and Private households employing staff were derived from the Labour Force Survey (LFS). Data relating to the number of permanent defence force members are based upon information supplied to the ABS by the Department of Defence.

5 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 METHODOLOGY AND DESIGN

6 A sample of approximately 10,000 employer units is selected from the ABS Business Register to ensure adequate State and industry representation. Of these, approximately 7,500 are in the private sector and 2,500 are in the public sector. The survey is conducted by mail each quarter. However, data for a number of Commonwealth, Australian Capital Territory and Northern Territory government departments are collected electronically.

7 The statistical unit for the survey comprises all activities of an employer in a particular State or Territory. Each statistical unit is classified to an industry which reflects the predominant activity of the business in the State or Territory. See paragraphs 10–13 for more information on classification by industry.

EXPLANATORY NOTES *continued*

SURVEY METHODOLOGY
AND DESIGN *continued*

8 Information on monthly number of employees and quarterly earnings is collected each quarter. For the first and last month of each quarter, only the total number of employees is collected; for the mid-month of each quarter, the number of full-time and part-time employees are collected. Up until May 1996 the number of male and female employees was also collected.

9 Public sector statistical units are stratified by State, industry and number of employees. Private sector units are further stratified by institutional sector classification. An equal probability sample is selected from each stratum.

SURVEY DESIGN CHANGES

10 From the March quarter 1997, the industrial classification used in the sample design of the SEE is the Australian and New Zealand Standard Industrial Classification; for more details refer to *Australian and New Zealand Standard Industrial Classification (ANZSIC), 1993* (Cat. no. 1292.0). It replaced the Australian Standard Industrial Classification (ASIC) previously used.

11 A consequence of the introduction of ANZSIC is that in the March quarter 1997 there is a higher than normal proportion of newly selected units in the sample causing higher than normal standard errors on estimated December quarter 1996 to March quarter 1997 movements. Hence caution should be used when comparing movements between these two quarters with movements between previous and subsequent quarters.

12 For further information see paragraphs 10–15 of the Explanatory Notes in the March quarter 1997 issue of this publication.

HISTORICAL ANZSIC
ESTIMATES

13 Previously published ASIC industry estimates have been recompiled on an equivalent ANZSIC basis back to the September quarter 1983. The historical ANZSIC estimates to September 1994 were produced by developing a concordance between ASIC and ANZSIC. The ANZSIC estimates from the December quarter 1994 to the December quarter 1996 have been produced by recoding survey unit data from ASIC to ANZSIC. Due to the sample being designed on an ASIC basis from the September quarter 1983 to the December quarter 1996, ANZSIC estimates for this period are subject to higher than normal standard errors.

STANDARD INSTITUTIONAL
SECTOR CLASSIFICATION

14 Institutional units are classified by broad economic functions according to the Standard Institutional Sector Classification of Australia which is a key component of the general national accounting framework; for more details refer to *Standard Institutional Sector Classification of Australia (SISCA), 1987* (Cat. no. 1218.0). Public sector data split by the SISCA classification are available on request.

EMPLOYER SIZE CLASSIFICATION

15 Data presented in table 20 show the distribution of employees in employer units over three size ranges. Over time, the composition of these categories will vary as some employer units migrate from one size group to another due to changes in the number of their employees.

EXPLANATORY NOTES *continued*

RELIABILITY OF ESTIMATES

16 Estimates are subject to sampling and non-sampling errors. For more information refer to the Technical Notes.

COVERAGE

17 Adjustments are included in the estimates to allow for lags in processing new businesses to the ABS Business Register and the omission of some mainly small private sector businesses from the Business Register. These adjustments were introduced in the March quarter 1997 issue and were backcast to the introduction of the series in 1983. For more details refer to the March quarter 1997 issue or the *Information Paper: Improvements to ABS Economic Statistics, 1997* (Cat. no. 1357.0).

18 The ABS recently conducted a reconciliation of businesses in scope of the SEE (i.e. who have a group employer registration number for which they have been consistently remitting pay as you earn tax) with the current ABS Business Register.

19 As a result of this investigation, the ABS dispatched SEE forms to a number of businesses selected in the December quarter 1998 collection that were previously thought to be no longer operating. The inclusion of these businesses, which improves the accuracy of the estimates produced by the SEE, increased the employee and gross quarterly earnings estimates for the December quarter 1998 by approximately 1% for private sector Australian level estimates. This effect is also relatively constant across each of the States and Territories. Consequently, the movement between the September quarter and the December quarter 1998 estimates has been affected.

INTERPRETATION OF ESTIMATES OF MOVEMENTS

20 Estimates of wage and salary earners are presented in this publication for the middle month of the quarter. Monthly data are available on request. The survey is conducted quarterly and the sample of employer units is updated each quarter to reflect changes in the Register, from which the sample is selected. 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.

21 Estimates of movements are also affected by:

- changes in the reported number of employees of selected businesses ;
- the controlled rotation of the sample; and
- the privatisation of public trading and public financial enterprises.

SEASONAL ADJUSTMENT

22 Seasonal adjustment is a means of removing the estimated effects of normal seasonal variation from the series so that the effects of other influences on the series can be more clearly recognised. Seasonal adjustment does not aim to remove the irregular or non-seasonal influences which may be present in any particular month. Influences that are volatile or unsystematic can still make it difficult to interpret the movement of the series even after adjustment for seasonal variation. This means that quarter-to-quarter movements of seasonally adjusted estimates may not be reliable indicators of trend behaviour.

23 The seasonal factors are reviewed annually to take account of each additional year's original data. The most recent review took place in time for inclusion in the March quarter 1998 estimates.

24 Details about the method of seasonal adjustment of these series are available on request.

TREND ESTIMATES

25 The ABS considers that trend estimates provide a more reliable guide to the underlying direction of the data, and are more suitable than either the seasonally adjusted or original estimates for most business decisions and policy advice.

26 The trend estimates in this publication, obtained by dampening out the irregular component from the seasonally adjusted series, are calculated using a centred 13-term Henderson moving average of the seasonally adjusted series. Estimates for the six most recent months cannot be calculated using this centred average method; instead an asymmetric average is used. This can lead to revisions in the trend estimates for the last six months when data become available for later months. Revisions of trend estimates will also occur with revisions to the original data and re-estimation of seasonal adjustment factors.

27 If a series is highly volatile then the trend estimates will be subject to greater revision for the latest few months as data become available. However, it is important to note that this does not make the trend series inferior to the seasonally adjusted or original series. In some cases the effect of the irregular component on overall movements will remain in the seasonally adjusted and the original estimates but not in the trend series.

28 For information about ABS procedures for deriving trend estimates and analysis of advantages of using them over alternative techniques for monitoring trends, refer to *Information Paper: A Guide to Interpreting Time Series—Monitoring Trends, an Overview* (Cat. no. 1348.0), or contact the Assistant Director, Time Series Analysis on Canberra 02 6252 6345.

29 Two feature articles which have appeared in the ABS monthly publication *Australian Economic Indicators* (Cat. no. 1350.0) may also be of interest:

- Picking Turning Points in the Economy (April 1991); and
- Smarter Data Use (March 1992).

COMPARABILITY OF RESULTS WITH
THE LABOUR FORCE SURVEY

30 The monthly LFS collects data by interview from a sample of about 30,000 private and non-private dwellings, using trained interviewers. Self-employed persons are included in the LFS. The estimates are published in *Labour Force, Australia, Preliminary* (Cat. no. 6202.0) and *Labour Force, Australia* (Cat. no 6203.0). There are conceptual and methodological reasons for differences in the estimates produced by the two surveys. These are discussed in *Information Paper: Comparison of Employment Estimates from the Labour Force Survey and the Survey of Employment and Earnings* (Cat. no. 6263.0).

31 When making comparisons of the wage and salary earners components of the two surveys it must be borne in mind that the SEE draws its sample from the ABS Register while the LFS is a household survey. As discussed in paragraph 17 above, the Register is subject to some undercoverage of business units at any point in time. This can lead to undercoverage of samples of businesses selected from the Register. Estimates obtained from households are not similarly impacted.

32 Separate estimates of full-time and part-time employees are included in table 10. For definitions of these terms, see the Glossary. This table was first published in the June quarter 1987 issue of this publication. Information for previous quarters back to the September quarter 1983 is available on request. For the reasons outlined above in paragraph 31, it is difficult to compare estimates of full-time and part-time employees derived from the SEE with those produced from the LFS. In the LFS, a person who works more than 35 hours a week in total in two (or more) part-time jobs is classified as working full-time. However, in this situation, the SEE would show two part-time jobs as having been filled.

EXPLANATORY NOTES *continued*

COMPARABILITY OF RESULTS WITH THE LABOUR FORCE SURVEY *continued* **33** The ABS considers that the Labour Force series provides the better indicator of overall employment movements at the Australian and State levels. The aggregate employment estimates in the quarterly National Accounts are based on that source. The SEE is the preferred source for industry and sector estimates of employees.

COMPARABILITY OF RESULTS WITH THE SURVEY OF AVERAGE WEEKLY EARNINGS **34** The SEE collects total quarterly employee earnings primarily for use in estimating the gross domestic product component of the Australian National Accounts. While average employee earnings can be derived from these data, the results will not be comparable with those from the Survey of Average Weekly Earnings (AWE) published in *Average Weekly Earnings, Australia, Preliminary* (Cat. no. 6301.0) and *Average Weekly Earnings, States and Australia* (Cat. no. 6302.0). The SEE collects the sum of employee earnings for all pay periods ending in a quarter and the results will be affected by the varying number of pay periods from quarter to quarter, whereas the AWE relates to a specified pay period within a quarter and is not subject to such influences. In addition, certain types of payments within the scope of the SEE, such as retrospective pay, pay in advance, leave loadings and severance, termination and redundancy payments are specifically excluded from the AWE. The SEE earnings data are also 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 the December quarter figures.

RELATED PUBLICATIONS **35** Users may also wish to refer to the following publications which are available on request:

Information Paper: Improvements to ABS Economic Statistics, 1997 (Cat. no. 1357.0)—August 1997

Labour Force, Australia (Cat. no. 6203.0)—issued monthly

Average Weekly Earnings, Australia, Preliminary (Cat. no. 6301.0)—issued quarterly

Average Weekly Earnings, States and Australia (Cat. no. 6302.0)—issued quarterly

Wage Cost Index, Australia (Cat. no. 6345.0)—issued quarterly

Labour Statistics, Australia (Cat. no. 6101.0)—issued irregularly

A Guide to Labour Statistics, 1986 (Cat. no. 6102.0)—issued 10 February 1986

Small Business in Australia, 1997 (Cat. no. 1321.0)—issued May 1998

Labour Force Projections, Australia, 1995–2011 (Cat. no. 6260.0)—issued 20 July 1994

Directory of Industrial Relations Statistics (Cat. no. 1134.0)—issued 21 August 1997.

36 Current publications produced by the ABS are listed in the *Catalogue of Publications and Products* (Cat. no. 1101.0). The ABS also issues, on Tuesdays and Fridays, a *Release Advice* (Cat. no. 1105.0) which lists publications to be released in the next few days. The Catalogue and Release Advice are available from any ABS office.

EXPLANATORY NOTES *continued*

UNPUBLISHED STATISTICS

37 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: photocopy, data tape, floppy disk, CD-ROM, computer printout or clerically extracted tabulation. Generally a charge is made for providing unpublished information. Details of additional data available are shown in Special Data Service on page 33 of this publication.

ROUNDING

38 Where figures have been rounded, discrepancies may occur between sums of the component items and totals.

TECHNICAL NOTES

RELIABILITY OF ESTIMATES

1 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 a 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 If the standard error of an estimate is large relative to the size of the estimate, the usefulness of that estimate is seriously impaired. For the tables in this publication, estimates with standard errors greater than 25% of the estimate have been labelled with an asterisk.

4 Standard errors of estimates of level, by industry and States and Territories, are shown in table A for the private sector and table B for the public sector and relate only to the middle month of the quarter. As the survey is conducted quarterly from a common sample of employer units, who report details of employees for each month of the quarter, standard errors on all estimates for employees in each month are of a similar magnitude.

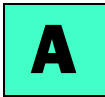
5 Standard errors of estimates of movements provide a measure of the reliability of changes in the level of an estimate. Tables A and B show standard errors of movements in the level of estimates of employees for the private and public sectors respectively between the middle months of the most recent two quarters.

6 An example of the use of standard error on levels is as follows. If the estimated number of wage and salary earners was 5,800,000 with a standard error of 34,000, then there would be about two chances in three that a full enumeration would have given a figure in the range 5,766,000 to 5,834,000 and about nineteen chances in twenty that it would be in the range 5,732,000 to 5,868,000.

7 An example of the use of standard error on movements is as follows. If the estimated standard error for a quarterly change estimate of wage and salary earners was 15,000 and the quarterly change estimate between two quarters was 40,000 persons, then there would be about two chances in three that a full enumeration would have given a quarterly change estimate in the range 25,000 to 55,000 persons and about nineteen chances in twenty that it would be in the range 10,000 to 70,000 persons.

8 Quarterly movements in estimates of wage and salary earners are considered to be statistically significant where they exceed two standard errors.

9 Standard errors for earnings are approximately the same relative size as standard errors for the number of employees. Detailed standard errors are available on request.



STANDARD ERRORS, Wage and Salary Earners—Private Sector

Industry	New South Wales '000	Victoria '000	Queensland '000	South Australia '000	Western Australia '000	Tasmania '000	Northern Territory '000	Australian Capital Territory '000	Australia '000
LEVEL									
Mining	0.9	0.9	0.9	0.2	1.8	0.1	0.1	—	2.4
Manufacturing	9.5	9.7	5.8	3.6	4.9	1.3	0.4	0.6	16.0
Electricity, gas and water supply	0.1	—	—	—	—	—	—	—	0.1
Construction	15.7	13.5	9.1	4.7	6.6	0.7	0.7	1.6	23.9
Wholesale trade	27.9	10.4	13.0	5.7	4.6	2.4	0.3	0.5	33.3
Retail trade	30.1	13.7	16.8	6.9	6.7	2.9	1.9	2.2	38.3
Accommodation, cafes and restaurants	13.2	11.2	8.8	2.8	8.9	1.4	0.4	0.7	21.5
Transport and storage	8.9	7.4	5.1	2.7	3.0	0.7	0.5	0.3	13.1
Communication services	4.9	0.6	2.9	0.2	0.4	0.1	—	0.1	5.7
Finance and insurance	10.4	5.8	2.8	3.6	6.9	0.3	0.1	0.2	14.5
Property and business services	21.9	23.2	15.2	8.2	15.6	2.1	1.0	3.4	39.4
Education	3.2	4.5	4.8	1.9	0.6	0.2	0.2	0.2	7.6
Health and community services	13.2	6.8	6.4	3.0	3.6	1.9	0.3	0.8	16.9
Cultural and recreational services	5.9	14.3	2.0	1.2	2.8	0.3	0.8	0.3	15.9
Personal and other services	5.5	6.7	5.5	3.1	2.7	0.6	0.8	0.8	11.0
All industries	56.0	40.6	31.9	15.3	23.3	5.3	2.7	4.7	81.0
QUARTERLY MOVEMENT									
Mining	0.5	0.9	0.7	0.1	1.4	0.1	0.1	—	1.9
Manufacturing	5.1	8.1	2.5	1.8	2.9	0.5	0.1	0.5	10.5
Electricity, gas and water supply	—	—	—	—	0.1	—	—	—	0.1
Construction	5.7	4.2	6.9	2.6	3.1	0.4	0.4	0.5	10.7
Wholesale trade	6.6	4.8	10.6	1.6	5.5	0.3	0.1	0.1	14.5
Retail trade	14.4	9.6	5.1	3.0	3.6	2.3	1.7	0.6	18.6
Accommodation, cafes and restaurants	4.6	6.6	4.8	1.7	4.4	0.8	0.3	0.3	10.4
Transport and storage	3.8	4.0	2.1	0.9	1.2	0.8	0.2	0.1	6.1
Communication services	1.5	0.4	0.4	0.2	0.3	—	—	—	1.6
Finance and insurance	7.5	2.1	0.9	0.7	—	0.5	0.1	0.1	7.8
Property and business services	11.9	18.6	5.6	3.4	6.9	1.1	0.7	1.9	24.1
Education	1.8	1.3	0.6	0.4	0.9	0.1	0.1	—	2.5
Health and community services	3.8	4.6	4.7	3.0	1.8	0.9	0.3	0.7	8.4
Cultural and recreational services	1.9	5.0	2.1	1.1	2.8	0.2	0.8	0.1	6.5
Personal and other services	2.6	3.3	3.5	—	1.5	0.2	0.5	0.3	5.6
All industries	23.9	25.8	17.1	6.9	12.1	3.1	2.2	2.3	41.5
ANNUAL MOVEMENT									
Mining	1.2	1.2	1.6	0.2	3.2	0.1	0.1	—	4.0
Manufacturing	9.7	11.1	7.3	5.0	6.2	1.9	0.4	0.6	18.2
Electricity, gas and water supply	0.1	—	—	—	—	—	—	—	0.1
Construction	12.3	11.4	7.7	4.1	6.3	0.6	0.8	1.8	19.9
Wholesale trade	10.1	9.2	12.9	5.0	6.6	1.6	0.3	0.3	20.5
Retail trade	29.7	19.2	15.8	5.9	9.5	3.5	2.1	2.7	40.4
Accommodation, cafes and restaurants	10.4	8.4	8.6	3.1	8.2	1.2	0.4	0.9	18.0
Transport and storage	7.6	6.7	4.1	2.2	3.0	0.9	0.6	0.3	11.5
Communication services	3.5	0.7	2.9	0.2	0.4	0.2	—	0.1	4.6
Finance and insurance	11.2	5.9	1.7	3.5	3.3	0.4	0.5	0.2	13.5
Property and business services	22.5	25.1	14.8	5.7	7.8	2.4	0.8	2.4	38.1
Education	3.0	4.9	8.6	1.2	1.6	0.4	0.2	0.1	10.5
Health and community services	6.8	9.4	7.3	3.2	3.5	2.1	0.3	0.8	14.6
Cultural and recreational services	4.9	6.3	3.1	1.7	1.0	0.2	0.7	0.4	8.8
Personal and other services	4.1	6.9	6.4	2.2	1.9	0.7	0.6	0.6	10.6
All industries	46.2	41.0	32.1	13.4	19.7	5.6	2.8	4.4	73.6

STANDARD ERRORS, Wage and Salary Earners—Public Sector

Industry	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory	Australia
	'000	'000	'000	'000	'000	'000	'000	'000	'000
LEVEL									
Agriculture, forestry and fishing	—	0.2	—	—	—	—	—	—	0.2
Manufacturing	—	—	—	—	—	—	—	—	—
Electricity, gas and water supply	0.3	0.1	0.1	—	—	—	—	—	0.3
Construction	—	—	—	—	—	—	—	—	—
Transport and storage	—	0.1	0.5	—	—	—	—	—	0.5
Communication services	—	—	—	—	—	—	—	—	—
Finance and insurance	0.1	—	—	—	—	—	—	—	0.1
Property and business services	0.3	0.3	0.1	0.1	—	0.1	0.2	0.2	0.5
Government administration and defence	1.4	0.3	2.9	0.5	0.6	—	0.2	0.1	3.3
Education	0.1	4.2	0.1	—	—	0.1	—	—	4.2
Health and community services	0.1	0.7	0.1	—	0.2	—	0.1	—	0.7
Cultural and recreational services	0.1	0.1	—	0.1	—	—	—	—	0.1
Personal and other services	0.1	0.6	—	—	—	—	—	—	0.7
All industries(a)	1.4	4.3	2.9	0.5	0.7	0.2	0.3	0.3	5.5

QUARTERLY MOVEMENT

Agriculture, forestry and fishing	—	—	0.1	—	—	—	—	—	0.1
Manufacturing	—	—	—	—	—	—	—	—	—
Electricity, gas and water supply	0.1	—	0.1	—	—	—	—	—	0.2
Construction	—	—	—	—	—	—	—	—	—
Transport and storage	—	0.1	0.4	—	—	—	—	—	0.4
Communication services	—	—	—	—	—	—	—	—	—
Finance and insurance	—	—	—	—	—	—	—	—	—
Property and business services	0.1	0.4	—	0.1	—	0.1	0.2	0.2	0.6
Government administration and defence	0.6	0.2	2.7	0.7	0.2	—	0.2	0.1	2.8
Education	—	1.6	—	—	—	0.1	—	—	1.6
Health and community services	—	0.2	0.1	1.9	—	—	0.1	—	1.9
Cultural and recreational services	0.2	—	0.2	0.1	—	—	—	—	0.3
Personal and other services	—	1.5	—	—	—	—	—	—	0.2
All industries(a)	0.6	1.7	2.7	2.0	0.2	0.2	0.3	0.2	3.9

ANNUAL MOVEMENT

Agriculture, forestry and fishing	0.1	0.2	—	—	—	—	—	—	0.2
Manufacturing	—	—	—	—	—	—	—	—	—
Electricity, gas and water supply	0.3	0.1	0.1	—	—	—	—	—	0.2
Construction	—	—	—	—	—	—	—	—	—
Transport and storage	0.1	0.2	0.7	—	—	—	—	—	0.7
Communication services	—	—	—	—	—	—	—	—	—
Finance and insurance	0.1	0.2	—	—	—	—	—	—	0.3
Property and business services	0.3	0.3	0.1	0.1	—	0.1	0.3	0.4	0.7
Government administration and defence	0.8	0.5	2.9	0.8	0.4	—	0.3	0.5	3.2
Education	1.1	4.3	—	—	—	0.1	—	—	4.4
Health and community services	0.2	0.7	0.1	0.9	0.2	0.1	0.2	—	1.2
Cultural and recreational services	0.1	0.1	—	0.1	—	—	—	—	0.2
Personal and other services	0.1	0.7	0.1	—	—	—	—	—	0.7
All industries(a)	1.4	4.4	3.0	1.2	0.4	0.2	0.4	0.6	5.7

(a) Includes employees classified to Mining, Wholesale trade, Retail trade and Accommodation, cafes and restaurants.

SPECIAL DATA SERVICE

INTRODUCTION

A large range of unpublished data is available from the Survey of Employment and Earnings on request. These data can be produced for clients as customised reports. The variables are listed below.

HOW TO PLACE AN ORDER

Firstly, determine the population and the variables (see following) that you require estimates for. A covering letter indicating these requirements and the intended uses of the data requested should be addressed to:

Labour Statistics Centre
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Australian Bureau of Statistics
GPO Box K881
PERTH WA 6842

CONTACT OFFICER

If you wish to discuss individual requests, especially in regard to the reliability of estimates for particular cross-classifications and the charges involved, please telephone Ken Clarke on Perth 08 9360 5141.

VARIABLES

The following variables are available from this survey (subject to the reliability of the estimates. The more variables included in any one tabulation the more likely it is that confidentiality provisions associated with the data will be invoked and some data suppressed):

Employees	Persons (available by month) Full-time/Part-time (available by mid-month of quarter)
Gross earnings (available by quarter)	Gross wages and salaries Severance, termination and redundancy payments Fees paid to directors and office holders
Sector	Private sector Public Sector
Level of government	Commonwealth Government State Government Local government
Public institutional sector (SISCA)	Public trading enterprises Public financial enterprises General government
Sex	Males/Females (available for mid-month of quarter) until May 1996 only
Industry (ANZSIC classification)	ANZSIC Division (1-digit code—as shown in this publication) ANZSIC Sub-division (2-digit code) ANZSIC Group (3-digit code) ANZSIC Class (4-digit code)
Employer unit size (private sector only)	Any user specified range (e.g. Under 20 employees; 20–49 employees; 50–99 employees) Ranges can overlap and do not have to cover the complete range.

GLOSSARY

Commonwealth government employees	Employees of all departments, agencies and authorities created by or reporting to the Commonwealth Parliament. Those bodies run jointly by the Commonwealth Government and State Governments are classified to Commonwealth.
Employer size	To derive estimates of employer size, each of the approximately 7,500 private sector employer units is allocated a size classification based on the number of employees actually reported for the middle month of the quarter. The size classification reflects the size of a business in each State or Territory and not necessarily the size of a business Australia wide.
Employer units	Employer units are the statistical units which make up the population from which the sample was drawn (see paragraph 7 of the Explanatory Notes).
Full-time employees	Permanent, temporary and casual employees who normally work the agreed or award hours for a full-time employee in their occupation and who 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.
General government enterprises	Public sector enterprises mainly engaged in the production of goods and services, outside the normal market mechanisms, providing these goods and services to the general public. The cost of operations is often financed from public revenues (e.g. government departments).
Gross earnings	Payments to employees before tax and other items (such as superannuation) are deducted. They comprise amounts paid from interstate or overseas; ordinary time and overtime earnings; overaward payments; penalty payments, shift and other remunerative allowances; commissions and retainers; bonuses and similar payments; payments under incentive or piecework; payments under profit-sharing schemes; leave loadings; annual and long service leave payments; sick leave payments; advance and retrospective payments; salaries and fees paid to company directors, members of boards, committees, commissions, councils, etc.; amounts paid to employees on workers' compensation who continue to be paid through the payroll; and severance, termination and redundancy payments.
Industry	Industry is classified according to the Australian and New Zealand Standard Industrial Classification (see paragraphs 10–12 of the Explanatory Notes).
Institutional sector	Institutional sector is classified according to the Standard Institutional Sector Classification of Australia (see paragraph 14 of the Explanatory Notes).
Local government employees	Employees of municipalities and shires and other local authorities created by or subject to the provisions of local government legislation, such as county councils in New South Wales.

GLOSSARY *continued*

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Number of employees	All wage and salary earners who received pay for any part of the relevant pay period. All permanent, temporary, casual, managerial and executive employees are included. Part-time and casual employees who may have received pay for only a few hours during the reference period are included. Employees on paid leave and those employees on workers' compensation who continue to be paid through the employer's payroll are also included. Casual employees who work on an irregular basis and who were not paid for the relevant pay period, employees on leave without pay, on strike or stood down without pay for the whole of the pay period are excluded.
Part-time employees	Permanent, temporary and casual employees who are not classified as full-time employees as defined.
Public financial enterprises	Public sector enterprises actively involved in financial market transactions such as borrowing and lending. Excluded are those public bodies whose funds flow directly to or from general government revenue.
Public sector employees	Administrative employees and all other employees of Commonwealth, State and local government businesses and financial undertakings engaged in services and activities such as railways, road transport, banks, postal and telecommunications, education, radio, television, police, public works, factories, marketing authorities, hospitals and welfare institutions.
Public trading enterprises	Public sector enterprises predominantly engaged in the production of goods and services with an intention of maximising profits and financial returns with most operating costs being derived from trading activities.
Reference period for earnings	All pay periods which end within the quarter.
Reference period for the number of employees	The last pay period ending on or before the third Friday in each month.
Sector	Public sector includes local government authorities and all government departments, agencies and authorities created by, or reporting to, the Commonwealth Parliament and State Parliaments. All remaining employees are classified as private sector.
State government employees	Employees of all State government departments and authorities created by, or reporting to, State Parliaments, including organisations for which the Commonwealth has assumed financial responsibility. Following self-government, the Northern Territory and the Australian Capital Territory administrations have been classified to State Governments. Employees of State Governments employed interstate are included in the estimates of the State in which they are based.

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POST Client Services, ABS, PO Box 10, Belconnen ACT 2616

EMAIL client.services@abs.gov.au

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