

WAGE AND SALARY EARNERS

AUSTRALIA

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SEPTEMBER QUARTER 1999 KEY FIGURES

ESTIMATES	August 1999 '000	% change May 1999 to August 1999	% change August 1998 to August 1999
Trend—employees			
Private sector	5 774.3	0.5	3.5
Public sector	1 450.8	0.2	-0.2
Private and public sectors	7 225.1	0.4	2.7
Seasonally adjusted—employees			
Private sector	5 794.9	1.0	3.9
Public sector	1 445.3	-0.5	-0.4
Private and public sectors	7 240.3	0.7	3.0

	Sept Qtr 1999 \$m	% change June Qtr '99 to Sept Qtr '99	% change Sept Qtr '98 to Sept Qtr '99
Original—gross earnings			
Private sector	47 801.4	3.3	7.1
Public sector	15 724.8	6.9	2.9
Private and public sectors	63 526.2	4.2	6.0

SEPTEMBER QUARTER 1999 KEY POINTS

TREND ESTIMATES

PRIVATE SECTOR

- In the period August 1998 to August 1999, the number of employees increased by 3.5% to 5,774,300. The largest annual percentage increases were in the Australian Capital Territory (14.2%), and the Northern Territory (10.4%).

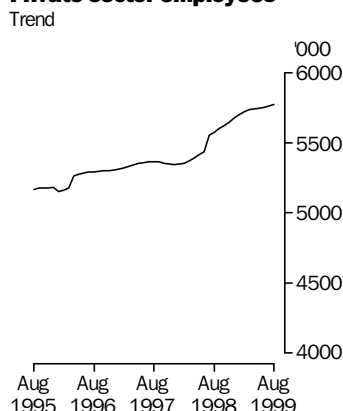
PUBLIC SECTOR

- From August 1998 to August 1999 the number of employees decreased by 2,300 (0.2%) to 1,450,800.
- In the same period the number of employees in the Commonwealth Government decreased by 6.1% to 243,500.

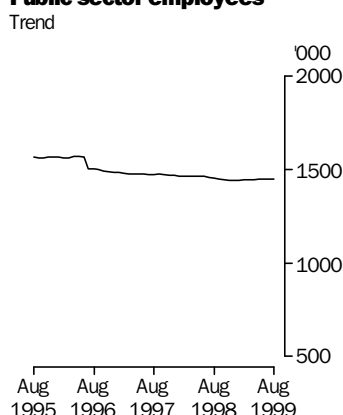
INDUSTRY

- In the year to August 1999 the number of employees in Property and business services increased by 13.7%, and in Personal and other services by 10.3%.
- In the same period, the number of employees in Mining decreased by 7.5% and in Communication services by 6.4%.

Private sector employees



Public sector employees



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

NOTES

FORTHCOMING ISSUES

ISSUE (Quarter)

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NOTES ON ESTIMATES

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	Survey of 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

D. Trewin

Acting Australian Statistician

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

	May 1998	August 1998	November 1998	February 1999	May 1999	August 1999
Industry	'000	'000	'000	'000	'000	'000
TREND						
Mining	78.4	76.3	72.5	72.8	72.3	70.6
Manufacturing	919.4	917.6	912.8	910.6	895.9	884.3
Electricity, gas and water supply	53.6	53.5	52.6	52.5	52.2	51.3
Construction	339.7	357.4	366.6	360.0	355.4	367.2
Wholesale trade	480.2	496.1	506.1	521.2	529.4	523.3
Retail trade	1 002.3	1 013.8	1 033.8	1 047.9	1 043.0	1 046.8
Accommodation, cafes and restaurants	381.6	383.5	384.5	402.3	408.3	392.1
Transport and storage	275.2	284.7	296.6	292.1	291.0	295.2
Communication services	121.3	124.0	124.2	122.8	118.3	116.1
Finance and insurance	290.4	291.0	291.8	300.0	304.8	288.4
Property and business services	778.5	819.5	856.3	876.8	903.0	931.6
Government administration and defence	346.7	342.7	339.6	336.1	336.5	338.4
Education	606.8	605.2	599.5	605.8	615.5	622.1
Health and community services	786.5	794.9	798.0	799.0	798.0	807.7
Cultural and recreational services	181.2	185.6	184.2	185.6	189.1	182.6
Personal and other services	251.3	260.6	270.6	279.0	282.2	287.5
All industries(a)	6 878.9	7 032.9	7 089.7	7 167.2	7 196.2	7 225.1
SEASONALLY ADJUSTED						
Mining	78.7	77.0	71.5	74.0	72.2	71.4
Manufacturing	918.1	921.1	909.1	916.6	889.0	885.1
Electricity, gas and water supply	53.1	54.1	52.1	52.7	52.0	51.4
Construction	336.0	357.9	368.4	359.4	352.4	372.3
Wholesale trade	480.5	498.0	505.4	525.6	527.4	522.2
Retail trade	1 003.0	1 010.9	1 035.4	1 058.8	1 046.8	1 053.3
Accommodation, cafes and restaurants	383.9	387.5	383.4	407.2	409.2	393.9
Transport and storage	276.2	284.2	302.5	291.1	290.0	296.6
Communication services	121.1	125.1	123.1	123.7	116.8	116.8
Finance and insurance	289.7	291.4	292.6	296.7	311.7	282.5
Property and business services	782.8	815.7	865.8	878.8	906.7	937.3
Government administration and defence	345.7	340.8	339.7	337.4	338.4	337.6
Education	597.2	605.1	597.6	616.0	615.3	615.2
Health and community services	790.5	795.4	800.2	799.5	795.5	813.8
Cultural and recreational services	185.7	181.9	182.9	192.4	189.2	179.7
Personal and other services	249.2	262.7	268.7	282.7	278.9	289.8
All industries(a)	6 889.8	7 028.8	7 095.0	7 210.4	7 189.0	7 240.3

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

WAGE AND SALARY EARNERS, Sector—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
PRIVATE									
August 1992	1 601.8	1 219.4	718.8	357.9	418.5	105.8	39.0	70.4	4 531.6
August 1993	1 612.9	1 195.2	754.6	373.3	452.9	119.0	39.7	69.1	4 616.7
August 1994	1 691.3	1 315.2	767.0	384.5	450.8	109.9	45.1	68.7	4 832.4
August 1995	1 807.7	1 367.5	877.8	400.0	497.6	106.1	42.1	66.2	5 165.1
August 1996	1 867.8	1 399.7	890.9	394.7	510.7	116.1	47.5	67.1	5 294.6
August 1997	1 904.0	1 414.7	898.1	380.2	525.8	121.2	48.9	70.6	5 363.5
1998									
May	1 909.7	1 428.8	912.1	381.3	551.2	114.9	46.5	69.4	5 413.9
August	1 944.6	1 444.1	988.8	405.6	564.8	112.8	47.3	71.9	5 579.8
November	1 996.3	1 466.2	975.1	407.4	566.9	113.5	47.8	74.5	5 647.7
1999									
February	2 011.3	1 499.2	984.5	406.5	576.0	115.1	50.0	79.7	5 722.3
May	1 995.9	1 498.2	1 018.6	404.7	576.0	118.8	52.2	83.7	5 748.0
August	1 995.9	1 504.4	1 037.3	409.6	569.2	123.6	52.2	82.1	5 774.3
PUBLIC									
August 1992	532.4	429.4	271.3	144.5	159.7	48.0	20.3	71.2	1 675.9
August 1993	528.4	396.0	276.5	141.7	160.8	47.1	20.3	74.5	1 645.1
August 1994	507.7	370.6	266.5	133.8	153.2	44.1	20.6	72.7	1 569.1
August 1995	516.0	352.2	274.2	126.7	154.7	44.9	21.8	74.5	1 565.1
August 1996	486.3	328.1	278.0	121.2	148.5	45.3	22.2	72.0	1 502.0
August 1997	472.0	319.1	283.5	118.0	146.3	42.1	22.9	69.2	1 474.1
1998									
May	473.9	313.4	278.7	118.9	147.4	41.0	21.9	68.8	1 465.0
August	467.8	308.5	280.6	118.6	146.6	40.9	22.3	67.9	1 453.1
November	464.7	305.1	283.9	114.0	144.1	41.2	22.1	66.6	1 442.0
1999									
February	465.4	305.6	286.3	112.8	145.7	41.4	21.9	66.0	1 444.9
May	463.7	304.4	288.3	113.3	148.6	41.1	22.1	66.9	1 448.2
August	467.2	300.0	288.6	113.9	150.6	40.9	22.0	67.4	1 450.8
PRIVATE AND PUBLIC									
August 1992	2 134.2	1 648.8	990.0	502.4	578.2	153.7	59.3	141.6	6 207.5
August 1993	2 141.3	1 591.2	1 031.0	515.0	613.7	166.1	59.9	143.5	6 261.8
August 1994	2 198.9	1 685.9	1 033.5	518.3	604.0	153.9	65.7	141.3	6 401.5
August 1995	2 323.8	1 719.7	1 152.1	526.8	652.3	150.9	63.9	140.7	6 730.2
August 1996	2 354.1	1 727.8	1 169.0	515.9	659.2	161.4	69.7	139.1	6 796.6
August 1997	2 375.9	1 733.8	1 181.6	498.2	672.1	163.3	71.8	139.8	6 837.6
1998									
May	2 383.6	1 742.2	1 190.8	500.2	698.6	155.9	68.3	138.2	6 878.9
August	2 412.4	1 752.5	1 269.4	524.3	711.3	153.6	69.6	139.8	7 032.9
November	2 461.0	1 771.4	1 259.1	521.4	711.0	154.8	69.9	141.1	7 089.7
1999									
February	2 476.7	1 804.7	1 270.8	519.3	721.8	156.5	72.0	145.7	7 167.2
May	2 459.6	1 802.6	1 306.9	518.1	724.6	159.9	74.3	150.6	7 196.2
August	2 463.2	1 804.4	1 325.9	523.5	719.8	164.5	74.2	149.5	7 225.1

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									
August 1992	129.1	97.9	47.3	27.9	25.2	8.7	4.0	52.4	392.4
August 1993	119.8	92.2	46.6	26.1	23.4	7.9	3.8	54.4	374.2
August 1994	115.7	84.0	44.2	24.7	21.7	7.6	3.7	53.2	354.8
August 1995	105.3	83.9	44.8	24.3	22.2	7.7	4.0	54.8	347.0
August 1996	84.4	73.7	39.8	19.6	20.8	7.4	4.2	53.3	303.3
August 1997	78.1	64.9	37.2	20.6	20.9	6.6	3.7	51.3	283.3
1998									
May	73.6	59.1	34.2	17.3	20.2	5.9	3.4	49.4	263.1
August	73.5	58.4	34.1	17.0	18.4	5.8	3.5	48.6	259.3
November	72.3	56.4	33.7	16.7	18.3	5.9	3.6	47.8	254.7
1999									
February	70.2	54.0	32.9	16.2	17.8	5.8	3.6	47.8	248.3
May	68.5	53.4	31.9	15.8	17.0	5.8	3.6	48.4	244.4
August	67.6	53.5	30.7	16.1	16.9	5.9	3.8	49.0	243.5
STATE GOVERNMENT									
August 1992	345.4	287.0	192.2	107.4	122.6	35.2	15.1	18.8	1 123.8
August 1993	355.0	257.9	195.6	106.4	125.0	34.7	15.4	20.1	1 110.1
August 1994	339.3	241.6	189.1	100.2	118.2	32.6	15.6	19.5	1 056.1
August 1995	356.4	227.6	195.7	94.5	119.9	33.1	16.1	19.6	1 062.9
August 1996	354.4	218.5	203.9	93.8	114.9	33.6	16.1	18.7	1 053.8
August 1997	350.1	222.8	209.1	89.4	112.2	31.5	16.1	17.9	1 049.2
1998									
May	355.7	222.9	209.1	93.4	114.3	31.5	16.4	19.3	1 062.6
August	349.8	219.3	210.6	93.5	115.1	31.4	16.5	19.3	1 055.5
November	347.9	217.9	214.0	89.4	112.7	31.6	16.2	18.7	1 048.4
1999									
February	350.4	220.5	217.3	88.7	114.8	31.9	15.6	18.2	1 057.5
May	350.6	219.8	221.5	89.6	118.5	31.6	15.6	18.5	1 065.8
August	354.7	215.3	224.3	90.0	120.5	31.3	15.6	18.4	1 070.2
LOCAL GOVERNMENT									
August 1992	57.8	44.5	31.7	9.2	11.9	n.a.	n.a.	—	159.7
August 1993	53.6	45.9	34.2	9.2	12.3	n.a.	n.a.	—	160.8
August 1994	52.7	45.1	33.2	8.9	13.3	n.a.	n.a.	—	158.2
August 1995	54.4	40.7	33.8	8.0	12.6	n.a.	n.a.	—	155.3
August 1996	47.4	35.9	34.4	7.9	12.7	n.a.	n.a.	—	144.9
August 1997	43.7	31.4	37.2	8.0	13.2	n.a.	n.a.	—	141.6
1998									
May	44.6	31.3	35.4	8.2	12.9	n.a.	n.a.	—	139.2
August	44.5	30.7	35.9	8.1	13.1	n.a.	n.a.	—	138.2
November	44.6	30.9	36.2	7.9	13.1	n.a.	n.a.	—	138.9
1999									
February	44.8	31.1	36.0	7.9	13.2	n.a.	n.a.	—	139.1
May	44.6	31.1	34.9	7.9	13.1	n.a.	n.a.	—	138.1
August	44.9	31.2	33.6	7.7	13.2	n.a.	n.a.	—	137.1

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

	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
PRIVATE									
August 1992	1 600.2	1 223.6	720.3	356.7	420.4	105.0	39.4	70.9	4 536.5
August 1993	1 611.1	1 197.3	755.8	376.1	451.9	118.5	39.5	68.2	4 618.3
August 1994	1 683.3	1 328.4	762.1	386.4	456.6	110.2	44.7	69.1	4 840.9
August 1995	1 818.2	1 360.9	872.9	398.1	497.2	105.4	42.1	70.3	5 165.2
August 1996	1 867.8	1 390.2	891.0	392.0	511.0	116.2	47.6	67.6	5 283.3
August 1997	1 908.2	1 413.2	905.4	377.9	525.1	122.3	48.5	70.6	5 371.4
1998									
May	1 912.3	1 433.5	920.6	380.1	552.5	114.9	46.3	68.4	5 428.7
August	1 936.4	1 444.5	993.9	405.2	565.2	112.1	47.9	72.1	5 577.3
November	2 002.7	1 459.9	981.6	408.1	566.8	114.4	47.4	74.4	5 655.4
1999									
February	2 018.3	1 526.3	981.8	409.0	577.7	114.4	50.1	80.4	5 758.0
May	1 990.6	1 487.3	1 026.3	403.0	572.9	118.5	52.5	85.3	5 736.5
August	2 002.1	1 523.0	1 033.0	410.3	568.8	124.2	52.1	81.4	5 794.9
PUBLIC									
August 1992	534.0	427.7	269.7	144.9	159.3	48.3	20.3	71.1	1 675.0
August 1993	528.6	397.0	275.5	141.9	163.5	46.9	20.4	74.4	1 648.2
August 1994	508.7	369.8	265.9	133.5	153.2	43.4	20.4	72.6	1 567.6
August 1995	516.1	350.3	274.6	125.7	152.7	45.1	21.8	74.7	1 561.3
August 1996	484.1	331.9	280.2	121.0	148.1	45.2	22.1	71.8	1 504.8
August 1997	474.0	320.5	283.7	118.8	146.0	42.1	23.0	69.0	1 477.6
1998									
May	473.7	312.8	279.1	118.4	145.6	41.1	21.8	68.5	1 461.0
August	465.9	306.6	278.0	120.3	149.2	40.8	22.4	67.9	1 451.6
November	465.7	304.3	283.9	112.1	142.9	41.3	22.4	66.7	1 439.6
1999									
February	466.9	307.7	286.3	114.2	148.6	41.4	21.7	66.1	1 452.4
May	463.9	304.0	289.3	114.4	150.2	40.9	22.3	67.3	1 452.5
August	464.3	298.2	286.1	114.0	152.3	40.9	21.7	67.3	1 445.3
PRIVATE AND PUBLIC									
August 1992	2 134.3	1 651.2	990.0	501.6	579.7	153.4	59.6	142.0	6 211.5
August 1993	2 139.7	1 594.3	1 031.3	518.0	615.5	165.4	59.9	142.6	6 266.5
August 1994	2 192.1	1 698.2	1 028.0	519.9	609.9	153.6	65.1	141.7	6 408.5
August 1995	2 334.3	1 711.2	1 147.5	523.9	649.9	150.5	63.9	145.0	6 726.5
August 1996	2 352.0	1 722.1	1 171.1	513.0	659.1	161.4	69.7	139.4	6 788.2
August 1997	2 382.2	1 733.7	1 189.1	496.7	671.2	164.5	71.5	139.6	6 849.0
1998									
May	2 386.0	1 746.4	1 199.7	498.6	698.1	155.9	68.1	136.9	6 889.8
August	2 402.3	1 751.1	1 271.9	525.5	714.4	152.9	70.2	140.0	7 028.8
November	2 468.4	1 764.3	1 265.4	520.2	709.7	155.7	69.8	141.1	7 095.0
1999									
February	2 485.2	1 834.0	1 268.1	523.3	726.3	155.8	71.7	146.5	7 210.4
May	2 454.5	1 791.4	1 315.6	517.4	723.1	159.4	74.9	152.6	7 189.0
August	2 466.4	1 821.2	1 319.0	524.3	721.2	165.1	73.9	148.7	7 240.3

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

	<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
<i>Month</i>	'000	'000	'000	'000	'000	'000	'000	'000	'000
COMMONWEALTH GOVERNMENT									
August 1992	129.4	97.4	47.0	27.9	25.2	8.6	4.0	52.5	392.1
August 1993	119.6	92.4	46.6	26.2	23.5	7.8	3.8	54.3	374.2
August 1994	116.6	83.6	43.9	24.8	21.8	7.6	3.6	53.0	355.0
August 1995	104.2	83.2	44.5	24.1	20.4	7.7	4.0	55.1	343.3
August 1996	84.1	76.6	40.1	19.6	20.8	7.6	4.2	53.1	306.1
August 1997	79.1	65.7	37.5	20.8	21.2	6.6	3.7	51.3	285.8
1998									
May	73.7	58.6	34.2	17.1	20.1	5.8	3.4	49.3	262.1
August	73.2	58.2	33.4	16.9	18.4	5.8	3.5	48.6	257.9
November	72.3	56.1	34.0	16.6	18.4	5.8	3.7	47.7	254.7
1999									
February	70.1	53.8	32.7	16.5	17.9	5.9	3.5	47.8	248.2
May	67.3	53.3	32.3	15.5	16.7	5.8	3.6	48.7	243.3
August	67.8	53.9	30.7	16.3	17.2	5.8	3.8	48.7	244.2
STATE GOVERNMENT									
August 1992	346.8	285.9	191.1	107.8	122.3	35.4	15.1	18.6	1 122.9
August 1993	355.4	259.0	194.8	106.6	127.6	34.4	15.5	20.1	1 113.4
August 1994	339.6	241.4	188.8	99.8	117.9	31.8	15.5	19.5	1 054.2
August 1995	357.7	226.6	196.4	93.6	119.9	33.3	16.2	19.6	1 063.2
August 1996	352.7	219.2	205.6	93.5	114.7	33.2	16.0	18.7	1 053.5
August 1997	351.3	223.5	208.9	89.9	111.7	31.5	16.1	17.7	1 050.6
1998									
May	355.5	222.8	209.5	93.1	112.6	31.5	16.3	19.2	1 060.4
August	348.1	217.9	208.5	95.3	117.5	31.4	16.6	19.3	1 054.5
November	348.8	217.1	213.8	87.7	111.6	31.6	16.6	18.9	1 046.1
1999									
February	351.9	222.3	217.5	89.9	117.3	31.9	15.5	18.3	1 064.4
May	351.7	219.5	221.9	91.0	120.3	31.4	15.6	18.6	1 069.9
August	352.3	213.2	222.1	90.0	121.8	31.4	15.6	18.5	1 064.8
LOCAL GOVERNMENT									
August 1992	57.9	44.4	31.6	9.2	11.9	n.a.	n.a.	—	160.0
August 1993	53.6	45.6	34.1	9.1	12.5	n.a.	n.a.	—	160.5
August 1994	52.6	44.9	33.2	8.9	13.6	n.a.	n.a.	—	158.4
August 1995	54.2	40.5	33.7	8.0	12.5	n.a.	n.a.	—	154.9
August 1996	47.4	36.1	34.5	7.8	12.7	n.a.	n.a.	—	145.2
August 1997	43.7	31.4	37.2	8.1	13.1	n.a.	n.a.	—	141.2
1998									
May	44.5	31.4	35.4	8.2	12.9	n.a.	n.a.	—	138.5
August	44.6	30.5	36.1	8.1	13.3	n.a.	n.a.	—	139.1
November	44.6	31.1	36.1	7.9	12.9	n.a.	n.a.	—	138.9
1999									
February	44.9	31.6	36.1	7.9	13.4	n.a.	n.a.	—	139.7
May	44.9	31.2	35.1	7.8	13.2	n.a.	n.a.	—	139.3
August	44.2	31.1	33.3	7.7	13.4	n.a.	n.a.	—	136.3

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

	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
PRIVATE									
August 1992	1 597.9	1 229.0	712.3	356.2	421.0	104.5	40.7	71.1	4 532.8
August 1993	1 610.5	1 204.6	746.5	375.8	454.4	118.0	40.9	68.4	4 618.9
August 1994	1 684.6	1 337.7	753.1	385.7	460.1	110.0	46.3	69.3	4 846.8
August 1995	1 820.9	1 370.9	864.1	396.5	501.6	105.3	43.7	70.7	5 173.8
August 1996	1 872.0	1 399.9	884.3	389.1	515.6	116.2	49.4	68.0	5 294.6
August 1997	1 913.7	1 422.6	900.8	374.1	530.0	122.4	50.3	71.2	5 385.3
1998									
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
1999									
February	2 029.7	1 505.2	983.6	409.4	574.6	115.3	47.8	79.3	5 744.9
May	1 991.1	1 498.0	1 032.1	409.8	582.7	119.7	52.3	86.0	5 771.7
August	2 009.6	1 532.5	1 030.1	405.2	574.1	124.3	54.1	82.1	5 812.0
PUBLIC									
August 1992	537.5	432.6	270.2	144.7	159.0	49.5	20.2	71.1	1 684.8
August 1993	532.6	402.4	276.2	141.4	162.7	48.0	20.4	74.4	1 658.0
August 1994	512.8	376.0	267.1	133.0	152.0	44.2	20.4	72.5	1 578.0
August 1995	520.6	356.7	276.3	125.4	151.2	45.8	21.9	74.5	1 572.6
August 1996	488.8	338.6	282.6	120.9	146.5	45.9	22.2	71.7	1 517.1
August 1997	478.4	327.5	286.4	119.0	144.5	42.8	23.2	68.9	1 490.6
1998									
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
1999									
February	459.2	302.0	283.5	111.5	145.5	39.5	21.3	65.2	1 427.7
May	471.1	305.2	291.6	114.1	150.3	41.8	22.3	68.0	1 464.5
August	468.6	305.2	289.3	114.4	150.8	41.5	21.9	67.1	1 458.9
PRIVATE AND PUBLIC									
August 1992	2 135.4	1 661.6	982.5	500.9	580.0	154.0	60.9	142.3	6 217.6
August 1993	2 143.0	1 607.0	1 022.7	517.2	617.0	165.9	61.3	142.8	6 276.9
August 1994	2 197.4	1 713.7	1 020.2	518.7	612.0	154.2	66.8	141.8	6 424.7
August 1995	2 341.5	1 727.6	1 140.4	521.9	652.8	151.2	65.6	145.2	6 746.3
August 1996	2 360.8	1 738.5	1 166.8	510.1	662.1	162.1	71.7	139.7	6 811.8
August 1997	2 392.1	1 750.1	1 187.2	493.1	674.5	165.2	73.5	140.1	6 875.8
1998									
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
1999									
February	2 488.9	1 807.2	1 267.1	520.9	720.1	154.8	69.1	144.5	7 172.6
May	2 462.2	1 803.2	1 323.7	523.9	733.0	161.4	74.7	154.0	7 236.1
August	2 478.2	1 837.7	1 319.4	519.6	724.9	165.8	76.0	149.3	7 270.8

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

	<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
<i>Month</i>	'000	'000	'000	'000	'000	'000	'000	'000	'000
COMMONWEALTH GOVERNMENT									
August 1992	128.3	96.0	46.7	27.7	25.0	8.6	4.0	52.3	388.5
August 1993	118.3	90.8	46.3	25.9	23.3	7.7	3.8	54.1	370.3
August 1994	115.1	82.1	43.5	24.6	21.7	7.5	3.6	52.8	350.9
August 1995	102.8	81.7	44.1	23.9	20.2	7.7	3.9	54.9	339.2
August 1996	82.8	75.4	39.8	19.5	20.6	7.6	4.1	52.9	302.5
August 1997	77.8	64.6	37.3	20.6	21.0	6.6	3.6	51.1	282.6
1998									
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
1999									
February	70.7	53.9	32.8	16.5	17.7	5.9	3.6	47.4	248.7
May	68.2	53.7	32.2	15.7	17.1	5.7	3.6	49.4	245.7
August	66.8	53.1	30.5	16.1	17.0	5.8	3.7	48.6	241.7
STATE GOVERNMENT									
August 1992	351.4	291.8	192.0	108.0	122.2	36.8	15.0	18.8	1 136.0
August 1993	360.6	265.4	195.9	106.5	127.0	35.7	15.4	20.3	1 126.8
August 1994	345.1	248.4	190.4	99.6	116.8	32.8	15.5	19.7	1 068.1
August 1995	363.6	233.8	198.5	93.5	118.6	34.1	16.1	19.7	1 077.8
August 1996	358.5	226.4	208.1	93.7	113.3	34.0	16.0	18.8	1 068.7
August 1997	356.8	230.9	211.7	90.3	110.4	32.1	16.1	17.7	1 066.0
1998									
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
1999									
February	343.5	216.6	214.7	86.9	114.3	29.9	15.2	17.8	1 038.9
May	358.4	220.3	224.0	90.7	120.1	32.3	15.7	18.6	1 080.1
August	357.6	220.4	225.2	90.6	120.4	32.0	15.6	18.5	1 080.2
LOCAL GOVERNMENT									
August 1992	57.8	44.8	31.5	9.1	11.8	4.1	1.2	—	160.3
August 1993	53.6	46.2	34.0	9.0	12.4	4.5	1.2	—	160.9
August 1994	52.6	45.5	33.2	8.8	13.5	3.9	1.4	—	158.9
August 1995	54.2	41.2	33.7	8.0	12.4	4.0	1.9	—	155.5
August 1996	47.4	36.8	34.7	7.8	12.6	4.4	2.2	—	145.9
August 1997	43.7	31.9	37.5	8.1	13.1	4.1	3.5	—	142.0
1998									
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
1999									
February	45.0	31.5	36.0	8.0	13.5	3.7	2.5	—	140.1
May	44.5	31.2	35.4	7.8	13.1	3.7	3.0	—	138.7
August	44.2	31.7	33.6	7.7	13.3	3.7	2.7	—	137.0

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

	<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
<i>Period</i>	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
PRIVATE									
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
1998–99	68 203.9	49 098.4	29 133.1	11 575.5	17 715.5	3 131.2	1 588.5	2 386.1	182 832.3
1998									
June	15 940.2	11 321.3	6 417.7	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
1999									
March	17 108.3	12 138.8	6 901.4	2 805.2	4 325.2	763.0	393.3	578.9	45 014.1
June	16 701.4	12 556.6	7 451.6	2 962.1	4 690.2	792.2	435.5	690.2	46 279.8
September	17 681.1	13 057.5	7 690.8	2 980.0	4 497.1	813.0	479.4	602.6	47 801.4
PUBLIC									
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
1998–99	20 419.7	12 176.7	11 156.9	4 495.9	5 547.7	1 568.4	962.6	3 359.7	59 687.6
1998									
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
1999									
March	4 906.3	3 017.7	2 777.3	1 080.8	1 333.2	398.2	253.7	876.0	14 643.2
June	5 210.4	2 890.4	2 695.8	1 111.4	1 424.7	375.7	222.6	782.0	14 712.9
September	5 426.5	3 137.4	2 868.5	1 178.3	1 536.8	404.2	261.5	911.5	15 724.8
PRIVATE AND PUBLIC									
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
1998–99	88 623.5	61 275.1	40 290.2	16 071.3	23 263.2	4 699.6	2 551.0	5 745.9	242 520.0
1998									
June	21 039.3	14 350.9	8 993.6	3 827.5	5 666.0	1 172.0	608.0	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
1999									
March	22 014.5	15 156.5	9 678.7	3 886.0	5 658.4	1 161.2	647.0	1 454.9	59 657.3
June	21 911.8	15 447.0	10 147.5	4 073.4	6 114.9	1 167.9	658.0	1 472.2	60 992.8
September	23 107.7	16 194.9	10 559.3	4 158.3	6 033.9	1 217.2	740.9	1 514.1	63 526.2

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

	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory	Australia
<i>Period</i>	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
COMMONWEALTH GOVERNMENT									
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
1998–99	3 566.9	2 848.8	1 613.4	777.0	829.7	280.5	155.5	2 528.7	12 600.5
1998									
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
1999									
March	915.7	716.1	408.1	199.7	212.2	75.2	40.6	656.6	3 224.1
June	803.4	644.4	365.1	172.6	186.3	64.1	36.0	590.7	2 862.7
September	872.7	703.3	393.3	201.4	220.2	70.6	42.9	690.6	3 195.1
STATE GOVERNMENT									
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
1998–99	15 231.4	8 471.4	8 341.1	3 452.0	4 326.0	1 164.6	757.9	830.9	42 575.2
1998									
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
1999									
March	3 599.7	2 088.2	2 072.1	818.1	1 022.2	293.7	201.1	219.4	10 314.5
June	4 012.7	2 034.2	2 033.4	873.0	1 141.2	281.0	173.7	191.3	10 740.4
September	4 139.9	2 210.1	2 183.3	908.6	1 212.0	303.2	204.5	220.9	11 382.5
LOCAL GOVERNMENT									
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
1998–99	1 621.4	856.6	1 202.5	266.7	392.0	123.3	49.3	—	4 511.9
1998									
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
1999									
March	390.9	213.4	297.2	63.0	98.8	29.3	12.0	—	1 104.6
June	394.3	211.8	297.3	65.7	97.1	30.6	13.0	—	1 109.8
September	413.9	224.0	291.9	68.3	104.6	30.4	14.1	—	1 147.3

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

	AUG 1998.....		NOV 1998.....		FEB 1999.....		MAY 1999.....		AUG 1999.....	
	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time
	'000	'000	'000	'000	'000	'000	'000	'000	'000	'000
INDUSTRY										
Mining	74.0	2.6	68.9	2.5	71.4	2.6	71.0	2.0	68.6	2.4
Manufacturing	821.1	98.8	814.9	97.9	821.2	99.7	800.3	93.5	786.7	97.3
Electricity, gas and water supply	51.3	2.3	49.9	2.2	50.2	2.4	50.5	2.4	48.5	2.4
Construction	318.4	39.0	327.5	37.5	334.1	29.6	320.1	39.1	334.9	36.8
Wholesale trade	411.7	92.8	423.3	85.5	437.9	83.4	450.2	76.0	453.7	75.5
Retail trade	499.2	509.2	501.9	553.4	514.7	541.7	492.7	546.4	514.0	537.2
Accommodation, cafes and restaurants	162.0	230.5	156.3	242.9	161.9	236.1	168.0	234.1	159.6	239.4
Transport and storage	239.8	46.1	252.9	50.5	239.7	48.0	243.0	51.0	248.2	50.2
Communication services	112.0	12.9	108.1	14.4	108.7	15.4	100.7	16.7	99.0	17.6
Finance and insurance	232.9	59.6	239.0	56.6	236.3	57.5	248.3	60.7	228.0	55.6
Property and business services	573.8	248.4	607.5	246.5	623.5	260.8	627.8	283.4	669.9	275.0
Government administration and defence	283.6	56.8	282.6	59.5	277.1	59.3	276.8	60.2	275.8	61.3
Education	383.3	245.1	381.1	240.2	376.2	203.9	387.0	250.4	387.8	251.2
Health and community services	374.1	423.2	369.0	425.1	379.9	422.2	369.5	432.5	369.2	446.5
Cultural and recreational services	90.8	95.2	90.9	95.0	90.5	100.7	82.1	110.1	83.8	100.1
Personal and other services	181.0	80.8	186.0	86.7	186.7	93.4	196.3	87.5	201.9	86.9
All industries(a)	4 813.5	2 244.0	4 865.1	2 297.1	4 915.3	2 257.3	4 889.2	2 346.9	4 934.6	2 336.3
STATES AND TERRITORIES										
New South Wales	1 704.3	708.9	1 734.0	758.5	1 747.6	741.3	1 712.9	749.2	1 721.5	756.7
Victoria	1 193.2	574.1	1 207.9	576.9	1 237.6	569.6	1 226.2	577.0	1 257.4	580.3
Queensland	865.6	405.8	875.1	403.8	873.9	393.2	881.2	442.5	892.0	427.4
South Australia	336.9	184.3	336.6	191.4	335.5	185.3	335.3	188.6	331.5	188.1
Western Australia	465.4	252.7	458.3	248.9	467.5	252.6	473.9	259.1	472.5	252.4
Tasmania	95.5	58.1	97.1	59.7	96.6	58.2	96.0	65.4	98.8	67.0
Northern Territory	52.0	20.3	52.3	19.5	51.3	17.8	54.8	19.8	55.9	20.2
Australian Capital Territory	100.6	39.9	103.8	38.3	105.2	39.3	108.8	45.2	105.1	44.2
Australia	4 813.5	2 244.0	4 865.1	2 297.1	4 915.3	2 257.3	4 889.2	2 346.9	4 934.6	2 336.3

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

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

Industry	NUMBER OF EMPLOYEES.....						GROSS EARNINGS
	May 1998	August 1998	November 1998	February 1999	May 1999	August 1999	September Qtr 1999
	'000	'000	'000	'000	'000	'000	\$m
PRIVATE							
Mining	77.6	74.8	69.6	72.3	71.3	69.2	1 280.8
Manufacturing	918.5	915.7	909.0	917.0	890.0	878.8	8 828.7
Electricity, gas and water supply	10.1	9.9	9.7	9.6	11.0	10.4	173.2
Construction	325.3	340.5	344.8	342.7	338.4	350.9	3 390.0
Wholesale trade	477.9	503.0	507.3	520.2	525.1	528.0	5 173.6
Retail trade	995.6	1 008.1	1 055.2	1 056.3	1 039.0	1 050.9	5 462.9
Accommodation, cafes and restaurants	376.0	391.8	398.5	397.3	401.3	398.3	1 891.3
Transport and storage	222.7	230.5	248.3	232.7	240.4	246.8	2 534.3
Communication services	23.2	28.6	28.7	31.5	30.6	33.1	352.2
Finance and insurance	280.6	284.7	288.0	286.2	301.4	276.2	3 383.5
Property and business services	759.5	796.4	828.1	855.4	882.7	918.8	8 591.1
Education	182.2	190.8	183.4	176.3	190.2	192.5	1 404.7
Health and community services	482.0	485.9	484.0	492.1	492.0	505.8	3 205.7
Cultural and recreational services	163.5	160.1	161.6	164.7	165.7	156.9	903.3
Personal and other services	166.3	171.7	182.0	190.5	192.5	195.4	1 226.2
All industries	5 461.0	5 592.7	5 698.3	5 744.9	5 771.7	5 812.0	47 801.4
PUBLIC							
Agriculture, forestry and fishing	5.7	5.2	5.8	6.1	5.8	5.9	60.5
Manufacturing	4.2	4.1	3.8	3.9	3.8	5.2	59.3
Electricity, gas and water supply	43.9	43.7	42.4	42.9	41.9	40.5	596.3
Construction	17.3	16.9	20.2	20.9	20.8	20.9	247.9
Transport and storage	57.2	55.4	55.1	54.9	53.6	51.6	723.1
Communication services	98.5	96.2	93.8	92.6	86.8	83.5	1 178.2
Finance and insurance	6.6	7.8	7.6	7.5	7.5	7.4	109.1
Property and business services	27.0	25.8	25.9	28.9	28.5	26.1	338.8
Government administration and defence	344.3	340.4	342.1	336.4	337.0	337.1	3 740.6
Education	436.6	437.5	437.9	403.8	447.2	446.5	4 222.7
Health and community services	314.9	311.5	310.2	310.0	310.0	309.9	2 976.1
Cultural and recreational services	25.3	25.8	24.3	26.4	26.4	27.0	293.8
Personal and other services	87.3	90.1	90.6	89.6	91.4	93.4	1 126.1
All industries(a)	1 473.4	1 464.8	1 463.8	1 427.7	1 464.5	1 458.9	15 724.8
PRIVATE AND PUBLIC							
Agriculture, forestry and fishing	5.7	5.2	5.8	6.1	5.8	5.9	60.5
Mining	79.4	76.6	71.4	74.0	73.0	71.0	1 310.9
Manufacturing	922.7	919.9	912.8	920.9	893.9	884.0	8 888.0
Electricity, gas and water supply	54.0	53.6	52.1	52.6	52.9	50.9	769.6
Construction	342.6	357.4	365.0	363.7	359.2	371.8	3 637.8
Wholesale trade	479.5	504.5	508.8	521.3	526.2	529.1	5 189.6
Retail trade	995.9	1 008.5	1 055.4	1 056.4	1 039.1	1 051.2	5 465.1
Accommodation, cafes and restaurants	376.9	392.5	399.3	398.1	402.1	399.0	1 895.5
Transport and storage	279.9	286.0	303.4	287.6	294.0	298.4	3 257.4
Communication services	121.7	124.9	122.5	124.1	117.4	116.6	1 530.3
Finance and insurance	287.2	292.5	295.6	293.8	309.0	283.5	3 492.6
Property and business services	786.6	822.2	854.0	884.3	911.2	944.9	8 929.8
Government administration and defence	344.3	340.4	342.1	336.4	337.0	337.1	3 740.6
Education	618.7	628.3	621.3	580.1	637.4	639.0	5 627.4
Health and community services	796.9	797.3	794.2	802.1	802.0	815.7	6 181.8
Cultural and recreational services	188.9	186.0	185.9	191.1	192.2	183.9	1 197.1
Personal and other services	253.5	261.8	272.7	280.1	283.9	288.8	2 352.2
All industries	6 934.4	7 057.5	7 162.1	7 172.6	7 236.1	7 270.8	63 526.2

(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
	May 1998	August 1998	November 1998	February 1999	May 1999	August 1999	September Qtr 1999
	'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	2.5	2.4	2.3	2.3	2.2	2.3	25.4
Electricity, gas and water supply	0.5	0.5	0.5	0.5	0.5	0.4	5.0
Construction	—	—	—	—	—	—	0.1
Transport and storage	7.5	7.2	7.3	7.0	6.7	6.1	123.9
Communication services	98.5	96.2	93.8	92.6	86.8	83.5	1 178.2
Finance and insurance	2.0	2.9	2.8	2.6	2.6	2.5	34.4
Property and business services	13.6	13.2	13.2	15.0	15.1	15.1	210.0
Government administration and defence	117.8	111.2	111.6	107.4	108.8	109.1	1 356.0
Education	6.2	6.3	6.5	5.9	6.9	6.3	57.1
Health and community services	3.2	2.8	2.8	2.9	3.2	3.5	25.4
Cultural and recreational services	8.0	7.6	7.5	7.9	8.1	8.2	113.2
Personal and other services	3.9	3.8	4.0	3.8	3.9	4.0	54.3
All industries(a)	264.7	255.2	253.2	248.7	245.7	241.7	3 195.1
STATE GOVERNMENT							
Agriculture, forestry and fishing	5.2	4.7	5.7	5.9	5.7	5.8	59.2
Manufacturing	1.2	1.2	1.2	1.3	1.3	2.6	30.8
Electricity, gas and water supply	38.8	38.5	37.3	37.9	37.0	36.1	551.7
Construction	15.6	15.1	18.6	18.5	18.3	18.4	225.3
Transport and storage	48.4	46.9	46.4	46.5	45.5	44.1	585.6
Communication services	—	—	—	—	—	—	—
Finance and insurance	4.4	4.7	4.6	4.8	4.8	4.7	72.8
Property and business services	13.3	12.5	12.6	13.8	13.3	11.0	128.3
Government administration and defence	99.4	100.6	101.8	100.4	100.8	102.2	1 338.7
Education	430.1	430.9	431.2	397.7	440.1	440.3	4 165.5
Health and community services	311.4	308.3	306.9	306.6	306.3	305.9	2 946.9
Cultural and recreational services	16.6	17.5	16.1	17.8	17.5	17.9	176.0
Personal and other services	83.2	86.1	86.4	85.5	87.2	88.9	1 066.3
All industries(a)	1 070.7	1 069.7	1 071.3	1 038.9	1 080.1	1 080.2	11 382.5
LOCAL GOVERNMENT							
Agriculture, forestry and fishing	0.4	0.3	* 0.1	* 0.1	—	—	0.1
Manufacturing	0.6	0.6	0.3	0.3	0.3	0.3	3.0
Electricity, gas and water supply	4.6	4.7	4.6	4.6	4.5	4.0	39.7
Construction	1.7	1.8	* 1.6	2.4	2.4	2.5	22.4
Transport and storage	1.3	1.4	1.4	1.4	1.4	1.4	13.6
Communication services	—	—	—	—	—	—	—
Finance and insurance	0.1	0.1	0.1	0.1	0.1	0.1	1.9
Property and business services	* 0.1	* 0.1	—	* 0.1	* 0.1	* 0.1	* 0.5
Government administration and defence	127.1	128.6	128.7	128.6	127.4	125.8	1 045.9
Education	* 0.2	* 0.3	* 0.2	* 0.2	* 0.2	—	—
Health and community services	* 0.3	* 0.4	* 0.4	* 0.5	* 0.5	* 0.5	* 3.8
Cultural and recreational services	0.7	0.7	0.7	0.7	0.8	0.9	4.7
Personal and other services	0.2	0.2	0.3	0.3	0.3	0.5	5.5
All industries(a)	138.0	139.9	139.3	140.1	138.7	137.0	1 147.3

(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
	May 1998	August 1998	November 1998	February 1999	May 1999	August 1999	September Qtr 1999
	'000	'000	'000	'000	'000	'000	\$m
PRIVATE							
Mining	17.0	12.3	10.8	10.9	11.6	12.5	254.1
Manufacturing	284.7	277.5	273.8	273.5	268.5	263.1	2 749.6
Electricity, gas and water supply	1.2	1.4	1.5	1.4	1.7	1.6	20.7
Construction	103.0	100.5	100.9	97.6	123.5	146.0	1 412.1
Wholesale trade	193.1	195.8	196.4	214.2	208.9	192.2	2 098.5
Retail trade	350.4	353.8	389.4	381.7	347.0	351.9	1 842.2
Accommodation, cafes and restaurants	133.0	133.9	137.7	134.9	144.7	143.2	716.1
Transport and storage	83.3	80.7	90.4	84.6	91.0	90.7	1 060.9
Communication services	11.9	* 17.7	* 17.9	18.5	15.4	17.0	206.7
Finance and insurance	115.0	120.1	123.6	124.2	125.9	115.6	1 661.3
Property and business services	293.5	316.1	332.9	339.1	308.2	316.1	3 281.0
Education	60.9	63.9	60.4	60.4	58.6	66.0	511.2
Health and community services	173.4	175.3	179.7	177.7	167.4	171.9	1 062.6
Cultural and recreational services	41.0	43.9	47.1	48.4	56.3	54.5	347.1
Personal and other services	51.3	50.0	54.7	62.5	62.6	67.3	457.2
All industries	1 912.6	1 943.0	2 017.3	2 029.7	1 991.1	2 009.6	17 681.1
PUBLIC							
Agriculture, forestry and fishing	2.2	1.9	1.9	1.9	1.9	1.9	21.7
Manufacturing	2.0	2.0	1.8	1.7	1.6	1.6	20.5
Electricity, gas and water supply	17.7	17.1	16.7	16.9	16.7	16.4	257.8
Construction	7.4	7.3	7.1	6.9	6.8	6.6	95.2
Transport and storage	19.8	19.4	19.1	19.4	19.0	18.0	260.8
Communication services	32.7	31.8	31.7	31.2	28.9	27.6	393.5
Finance and insurance	1.8	2.1	2.0	1.9	1.9	1.8	27.3
Property and business services	7.0	7.0	7.2	7.3	7.4	6.8	90.3
Government administration and defence	102.9	101.7	102.3	101.3	99.7	99.7	1 182.4
Education	134.5	131.2	133.3	117.2	133.2	133.8	1 383.8
Health and community services	108.7	103.9	109.4	109.7	110.0	110.3	1 110.1
Cultural and recreational services	10.9	11.5	9.6	10.4	10.3	10.2	129.3
Personal and other services	31.2	31.1	31.0	31.4	31.7	31.7	420.5
All industries(a)	481.1	470.2	475.3	459.2	471.1	468.6	5 426.5
PRIVATE AND PUBLIC							
Agriculture, forestry and fishing	2.2	1.9	1.9	1.9	1.9	1.9	21.7
Mining	18.5	13.7	12.3	12.4	13.1	13.9	281.6
Manufacturing	286.8	279.5	275.5	275.1	270.1	264.8	2 770.0
Electricity, gas and water supply	18.9	18.5	18.2	18.4	18.5	18.0	278.5
Construction	110.4	107.9	108.0	104.5	130.3	152.6	1 507.3
Wholesale trade	193.4	196.2	196.8	214.6	209.2	192.6	2 101.6
Retail trade	350.4	354.0	389.4	381.7	347.1	352.0	1 843.1
Accommodation, cafes and restaurants	133.3	134.2	137.9	135.2	144.9	143.5	717.8
Transport and storage	103.1	100.1	109.5	104.0	110.0	108.7	1 321.7
Communication services	44.6	49.6	49.6	49.7	44.2	44.6	600.1
Finance and insurance	116.8	122.1	125.6	126.1	127.8	117.4	1 688.6
Property and business services	300.5	323.1	340.1	346.4	315.6	322.9	3 371.3
Government administration and defence	102.9	101.7	102.3	101.3	99.7	99.7	1 182.4
Education	195.4	195.1	193.7	177.6	191.8	199.8	1 895.0
Health and community services	282.1	279.2	289.1	287.4	277.4	282.2	2 172.7
Cultural and recreational services	51.9	55.4	56.7	58.8	66.6	64.7	476.4
Personal and other services	82.4	81.0	85.7	93.9	94.3	99.0	877.7
All industries	2 393.7	2 413.2	2 492.5	2 488.9	2 462.2	2 478.2	23 107.7

(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
	May 1998	August 1998	November 1998	February 1999	May 1999	August 1999	September Qtr 1999
	'000	'000	'000	'000	'000	'000	\$m
PRIVATE							
Mining	7.3	5.9	6.3	6.2	6.7	5.3	97.8
Manufacturing	318.6	318.3	312.8	321.8	302.4	293.1	3 027.7
Electricity, gas and water supply	5.9	5.3	5.2	5.2	6.1	5.6	107.4
Construction	90.3	96.5	101.0	96.9	88.0	84.7	809.9
Wholesale trade	105.0	113.7	120.6	121.6	122.9	131.0	1 279.1
Retail trade	230.1	233.3	239.1	248.5	240.4	247.1	1 293.8
Accommodation, cafes and restaurants	76.9	79.5	81.3	84.4	71.3	79.4	341.0
Transport and storage	63.9	64.1	65.4	59.9	65.0	65.3	638.6
Communication services	4.6	4.3	4.9	5.7	6.3	6.7	69.5
Finance and insurance	72.8	67.3	70.4	73.5	82.4	78.7	902.4
Property and business services	206.1	202.4	207.2	230.5	247.5	290.9	2 890.9
Education	51.4	53.9	52.7	48.9	55.8	55.6	379.4
Health and community services	111.7	107.3	102.0	102.4	113.4	109.3	727.7
Cultural and recreational services	63.1	58.7	61.7	58.6	49.8	43.5	225.9
Personal and other services	35.8	43.1	44.4	40.9	40.0	36.3	266.4
All industries	1 443.5	1 453.7	1 475.0	1 505.2	1 498.0	1 532.5	13 057.5
PUBLIC							
Agriculture, forestry and fishing	* 0.4	* 0.3	* 0.3	* 0.4	* 0.4	* 0.4	* 3.1
Manufacturing	1.0	1.0	1.0	0.9	0.9	2.1	22.3
Electricity, gas and water supply	3.7	4.3	4.3	4.3	3.7	3.6	42.0
Construction	2.5	2.5	2.4	2.5	2.4	2.4	28.8
Transport and storage	8.9	8.4	8.3	8.0	7.4	6.9	103.8
Communication services	30.2	29.6	27.7	27.4	26.6	25.7	365.9
Finance and insurance	2.1	2.0	2.0	2.0	2.0	2.0	27.7
Property and business services	4.4	4.5	4.3	4.7	4.7	4.9	69.5
Government administration and defence	61.8	60.0	60.8	61.1	59.3	60.8	582.1
Education	100.1	101.7	99.6	91.8	99.9	98.6	941.6
Health and community services	77.4	76.3	75.9	75.6	74.6	74.0	698.5
Cultural and recreational services	4.5	4.5	4.7	5.0	4.9	5.0	49.2
Personal and other services	16.5	18.1	18.2	17.6	18.0	18.4	194.1
All industries(a)	314.1	313.6	309.9	302.0	305.2	305.2	3 137.4
PRIVATE AND PUBLIC							
Agriculture, forestry and fishing	* 0.4	* 0.3	* 0.3	* 0.4	* 0.4	* 0.4	* 3.1
Mining	7.3	5.9	6.3	6.2	6.7	5.3	97.8
Manufacturing	319.6	319.3	313.8	322.7	303.3	295.1	3 050.1
Electricity, gas and water supply	9.6	9.6	9.5	9.5	9.7	9.2	149.3
Construction	92.8	99.0	103.4	99.5	90.4	87.0	838.7
Wholesale trade	105.4	114.1	121.0	122.0	123.3	131.4	1 287.6
Retail trade	230.1	233.3	239.1	248.5	240.4	247.1	1 293.8
Accommodation, cafes and restaurants	77.2	79.6	81.4	84.5	71.4	79.5	341.3
Transport and storage	72.8	72.6	73.8	68.0	72.4	72.2	742.4
Communication services	34.8	33.9	32.5	33.1	32.9	32.5	435.4
Finance and insurance	74.9	69.2	72.3	75.5	84.4	80.7	930.1
Property and business services	210.4	206.9	211.5	235.3	252.1	295.9	2 960.4
Government administration and defence	61.8	60.0	60.8	61.1	59.3	60.8	582.1
Education	151.5	155.6	152.3	140.7	155.7	154.2	1 321.0
Health and community services	189.1	183.6	177.8	178.0	188.0	183.3	1 426.2
Cultural and recreational services	67.6	63.2	66.4	63.7	54.7	48.5	275.1
Personal and other services	52.3	61.2	62.6	58.5	58.0	54.6	460.6
All industries	1 757.6	1 767.3	1 784.8	1 807.2	1 803.2	1 837.7	16 194.9

(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
	May 1998	August 1998	November 1998	February 1999	May 1999	August 1999	September Qtr 1999
	'000	'000	'000	'000	'000	'000	\$m
PRIVATE							
Mining	17.1	20.2	18.4	17.9	17.2	15.5	301.4
Manufacturing	137.3	137.7	140.0	141.2	133.9	136.7	1 281.5
Electricity, gas and water supply	1.1	1.1	1.3	1.3	1.4	1.5	22.6
Construction	66.0	70.0	67.4	74.9	57.2	52.4	508.9
Wholesale trade	90.0	105.7	103.2	101.0	102.2	101.5	897.8
Retail trade	190.8	195.3	199.2	196.1	216.3	207.5	1 153.9
Accommodation, cafes and restaurants	80.9	82.8	78.5	72.1	88.7	88.6	455.5
Transport and storage	32.2	38.2	38.9	35.0	35.8	39.5	344.5
Communication services	* 4.2	* 4.2	* 3.9	* 4.2	* 5.6	* 5.7	* 51.1
Finance and insurance	34.0	35.6	34.0	34.2	35.6	35.8	352.5
Property and business services	93.6	112.9	123.3	120.2	145.5	135.9	1 008.6
Education	33.3	35.5	34.1	31.4	35.3	32.4	239.2
Health and community services	82.1	88.7	88.6	88.7	88.8	105.0	648.3
Cultural and recreational services	29.0	27.0	23.4	23.7	24.9	27.7	165.0
Personal and other services	34.4	35.5	37.4	41.6	43.7	44.5	259.9
All industries	925.9	990.4	991.6	983.6	1 032.1	1 030.1	7 690.8
PUBLIC							
Agriculture, forestry and fishing	0.4	0.4	1.0	1.1	1.1	1.0	8.7
Manufacturing	0.7	0.7	0.6	0.8	0.8	0.8	7.1
Electricity, gas and water supply	9.0	9.0	8.5	8.6	8.6	8.0	105.9
Construction	3.9	3.9	7.3	8.2	8.5	9.0	83.9
Transport and storage	19.5	19.3	19.5	19.6	19.4	18.7	249.2
Communication services	15.5	15.3	15.2	15.1	14.2	13.3	180.6
Finance and insurance	0.8	1.5	1.5	1.5	1.5	1.5	25.6
Property and business services	4.5	4.5	4.8	6.4	5.9	6.1	74.1
Government administration and defence	69.1	71.2	72.4	66.0	66.7	65.8	658.2
Education	87.4	86.8	88.2	86.4	93.7	93.0	768.7
Health and community services	49.3	48.4	48.4	49.5	49.8	49.8	463.8
Cultural and recreational services	2.5	2.4	2.2	3.3	3.5	3.7	35.9
Personal and other services	17.8	16.7	17.0	16.7	17.3	18.0	202.4
All industries(a)	281.2	281.0	287.3	283.5	291.6	289.3	2 868.5
PRIVATE AND PUBLIC							
Agriculture, forestry and fishing	0.4	0.4	1.0	1.1	1.1	1.0	8.7
Mining	17.4	20.5	18.7	18.2	17.4	15.8	303.9
Manufacturing	138.0	138.3	140.6	142.0	134.7	137.5	1 288.6
Electricity, gas and water supply	10.1	10.1	9.7	9.8	10.0	9.5	128.4
Construction	69.9	73.9	74.7	83.1	65.7	61.4	592.8
Wholesale trade	90.5	106.1	103.5	101.1	102.3	101.6	898.6
Retail trade	190.9	195.5	199.2	196.2	216.3	207.6	1 154.7
Accommodation, cafes and restaurants	80.9	82.9	78.6	72.1	88.8	88.7	455.9
Transport and storage	51.8	57.5	58.4	54.6	55.2	58.3	593.7
Communication services	19.7	19.5	19.1	19.3	19.9	18.9	231.7
Finance and insurance	34.7	37.2	35.5	35.7	37.0	37.3	378.1
Property and business services	98.0	117.4	128.1	126.6	151.4	142.0	1 082.7
Government administration and defence	69.1	71.2	72.4	66.0	66.7	65.8	658.2
Education	120.6	122.4	122.3	117.8	129.0	125.4	1 007.8
Health and community services	131.3	137.1	137.0	138.2	138.7	154.8	1 112.1
Cultural and recreational services	31.4	29.4	25.6	27.0	28.4	31.3	200.9
Personal and other services	52.2	52.2	54.4	58.3	61.1	62.5	462.3
All industries	1 207.1	1 271.3	1 278.9	1 267.1	1 323.7	1 319.4	10 559.3

(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
	May 1998	August 1998	November 1998	February 1999	May 1999	August 1999	September Qtr 1999
	'000	'000	'000	'000	'000	'000	\$m
PRIVATE							
Mining	3.1	3.4	3.3	3.3	3.0	4.1	62.9
Manufacturing	84.0	84.8	84.8	82.0	82.3	83.5	786.6
Electricity, gas and water supply	1.2	1.2	1.2	1.3	1.3	1.3	17.5
Construction	14.7	15.7	18.8	17.7	22.6	* 22.6	157.3
Wholesale trade	32.6	35.5	36.2	37.1	38.9	37.9	356.1
Retail trade	71.9	70.5	75.5	74.9	68.7	71.3	344.4
Accommodation, cafes and restaurants	24.5	25.4	27.2	25.6	25.4	25.4	98.8
Transport and storage	14.0	15.0	16.8	17.5	16.4	17.0	156.2
Communication services	* 0.6	* 0.7	* 0.7	1.2	0.7	0.8	* 6.4
Finance and insurance	20.7	24.2	23.8	19.0	21.7	18.7	196.5
Property and business services	41.6	49.2	50.7	48.0	46.5	41.2	327.5
Education	11.8	12.0	12.0	11.9	13.0	13.4	88.3
Health and community services	43.9	42.3	40.9	45.3	44.1	42.5	257.8
Cultural and recreational services	6.9	6.4	8.3	9.4	10.2	10.7	36.9
Personal and other services	14.9	14.1	13.5	15.3	15.0	14.9	86.8
All industries	386.3	400.5	413.6	409.4	409.8	405.2	2 980.0
PUBLIC							
Agriculture, forestry and fishing	0.3	0.2	0.2	0.2	0.3	0.3	2.4
Manufacturing	—	—	—	—	—	—	—
Electricity, gas and water supply	3.7	3.6	3.3	3.4	3.4	3.3	42.1
Construction	1.2	1.3	1.5	1.5	1.5	1.3	15.0
Transport and storage	2.7	2.7	2.7	2.4	2.5	2.8	35.4
Communication services	7.1	6.9	6.8	6.8	6.0	5.6	78.8
Finance and insurance	0.5	0.5	0.5	0.5	0.5	0.6	7.5
Property and business services	2.9	1.6	1.5	1.8	1.8	1.8	21.0
Government administration and defence	23.7	24.6	23.2	25.3	25.5	25.4	275.3
Education	34.4	35.5	36.3	32.3	35.5	35.8	355.2
Health and community services	32.7	34.3	28.5	27.5	27.7	27.8	248.1
Cultural and recreational services	1.6	2.0	2.2	2.1	2.0	2.3	18.3
Personal and other services	7.2	7.2	7.2	7.3	7.2	7.2	76.8
All industries(a)	118.2	120.6	114.4	111.5	114.1	114.4	1 178.3
PRIVATE AND PUBLIC							
Agriculture, forestry and fishing	0.3	0.2	0.2	0.2	0.3	0.3	2.4
Mining	3.1	3.4	3.3	3.3	3.0	4.1	62.9
Manufacturing	84.0	84.8	84.8	82.0	82.3	83.5	786.6
Electricity, gas and water supply	4.9	4.8	4.6	4.7	4.6	4.5	59.6
Construction	15.9	17.0	20.3	19.2	24.1	* 23.9	172.3
Wholesale trade	32.7	35.6	36.3	37.1	39.0	38.0	357.3
Retail trade	72.0	70.5	75.5	75.0	68.7	71.4	344.8
Accommodation, cafes and restaurants	24.6	25.6	27.4	25.7	25.5	25.5	99.6
Transport and storage	16.6	17.7	19.5	19.9	18.8	19.8	191.6
Communication services	7.7	7.6	7.5	8.0	6.7	6.4	85.2
Finance and insurance	21.2	24.7	24.4	19.5	22.3	19.2	204.0
Property and business services	44.5	50.8	52.2	49.8	48.3	43.0	348.4
Government administration and defence	23.7	24.6	23.2	25.3	25.5	25.4	275.3
Education	46.1	47.5	48.3	44.2	48.5	49.2	443.5
Health and community services	76.6	76.5	69.4	72.8	71.9	70.3	505.9
Cultural and recreational services	8.5	8.4	10.5	11.5	12.2	13.0	55.2
Personal and other services	22.0	21.3	20.8	22.6	22.2	22.0	163.6
All industries	504.5	521.1	528.0	520.9	523.9	519.6	4 158.3

(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		
	May 1998	August 1998	November 1998	February 1999	May 1999	August 1999	September Qtr 1999
	'000	'000	'000	'000	'000	'000	\$m
PRIVATE							
Mining	29.3	29.6	27.2	30.5	29.3	28.2	501.6
Manufacturing	66.2	69.8	70.5	71.5	74.3	72.5	696.4
Electricity, gas and water supply	0.5	0.7	0.3	0.3	0.3	0.3	3.5
Construction	41.2	46.3	44.1	42.3	34.6	32.7	380.6
Wholesale trade	41.0	37.0	35.6	30.4	35.9	44.4	373.9
Retail trade	103.7	105.3	102.6	107.1	110.5	117.6	583.8
Accommodation, cafes and restaurants	38.4	49.0	51.5	57.2	46.5	40.0	176.3
Transport and storage	20.9	23.7	26.9	25.4	22.4	22.2	222.2
Communication services	1.2	* 1.2	* 0.9	* 1.3	2.0	2.2	13.7
Finance and insurance	29.2	29.3	28.8	28.1	27.9	20.3	209.6
Property and business services	96.2	84.4	80.2	80.1	96.0	97.7	732.2
Education	16.2	17.4	16.0	15.6	18.4	17.0	128.1
Health and community services	43.4	43.4	45.2	51.9	50.3	49.0	310.5
Cultural and recreational services	* 17.7	17.5	14.0	16.7	* 16.7	12.7	85.6
Personal and other services	16.5	15.8	18.0	16.1	17.5	17.5	79.2
All industries	561.6	570.5	561.8	574.6	582.7	574.1	4 497.1
PUBLIC							
Agriculture, forestry and fishing	1.7	1.6	1.7	1.8	1.5	1.7	16.8
Manufacturing	0.3	0.3	0.4	0.3	0.3	0.6	8.7
Electricity, gas and water supply	6.0	6.0	6.0	6.1	6.0	5.7	93.9
Construction	1.8	1.6	1.5	1.5	1.4	1.3	22.1
Transport and storage	3.4	2.6	2.6	2.6	2.5	2.6	39.2
Communication services	8.4	8.2	8.0	7.8	7.0	7.2	106.1
Finance and insurance	0.6	0.6	0.6	0.6	0.6	0.6	8.7
Property and business services	4.7	4.6	4.5	4.8	4.8	3.0	38.1
Government administration and defence	31.5	28.3	29.3	29.1	30.1	30.6	316.9
Education	48.2	50.4	48.0	47.9	52.8	53.4	456.2
Health and community services	29.0	31.1	30.5	30.7	30.5	30.7	273.8
Cultural and recreational services	1.9	1.8	1.8	1.9	1.8	2.0	18.0
Personal and other services	7.9	10.2	10.2	10.1	10.7	11.0	135.5
All industries(a)	145.8	147.7	145.4	145.5	150.3	150.8	1 536.8
PRIVATE AND PUBLIC							
Agriculture, forestry and fishing	1.7	1.6	1.7	1.8	1.5	1.7	16.8
Mining	29.3	29.6	27.2	30.5	29.3	28.2	501.7
Manufacturing	66.5	70.1	70.9	71.8	74.6	73.1	705.1
Electricity, gas and water supply	6.5	6.7	6.3	6.4	6.3	6.0	97.3
Construction	43.0	47.9	45.7	43.8	36.0	34.0	402.6
Wholesale trade	41.2	37.2	35.8	30.6	36.1	44.6	376.0
Retail trade	103.7	105.3	102.6	107.1	110.5	117.6	583.8
Accommodation, cafes and restaurants	38.6	49.1	51.7	57.3	46.7	40.1	177.0
Transport and storage	24.4	26.4	29.5	28.0	24.9	24.8	261.4
Communication services	9.6	9.5	8.9	9.1	8.9	9.4	119.9
Finance and insurance	29.7	29.9	29.4	28.7	28.5	20.9	218.3
Property and business services	101.0	89.0	84.7	84.9	100.9	100.7	770.3
Government administration and defence	31.5	28.3	29.3	29.1	30.1	30.6	316.9
Education	64.4	67.8	64.0	63.5	71.1	70.4	584.4
Health and community services	72.4	74.5	75.6	82.6	80.8	79.7	584.3
Cultural and recreational services	19.6	19.3	15.8	18.6	18.6	14.7	103.5
Personal and other services	24.4	26.0	28.2	26.2	28.2	28.5	214.7
All industries	707.4	718.1	707.2	720.1	733.0	724.9	6 033.9

(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
	May 1998	August 1998	November 1998	February 1999	May 1999	August 1999	September Qtr 1999
	'000	'000	'000	'000	'000	'000	\$m
PRIVATE							
Mining	1.5	1.3	1.4	1.3	1.2	1.2	17.9
Manufacturing	21.9	22.2	22.5	22.5	22.4	24.0	225.5
Electricity, gas and water supply	0.1	0.2	0.1	0.1	0.2	0.1	0.9
Construction	4.1	3.8	4.3	4.9	4.8	4.8	* 41.7
Wholesale trade	10.6	9.8	9.7	9.8	* 10.5	* 13.4	* 93.1
Retail trade	22.9	21.5	21.7	21.8	26.2	25.0	95.8
Accommodation, cafes and restaurants	10.2	9.0	10.3	10.4	11.2	10.0	41.4
Transport and storage	4.4	4.3	5.3	6.1	4.9	5.9	44.6
Communication services	* 0.4	* 0.2	* 0.2	0.3	* 0.3	0.4	* 2.0
Finance and insurance	4.9	4.8	4.0	3.6	3.9	3.4	28.5
Property and business services	10.2	10.3	10.6	10.7	9.3	10.4	65.5
Education	3.5	3.0	3.1	2.9	3.1	2.9	20.1
Health and community services	15.6	16.0	15.0	13.4	14.4	15.0	95.0
Cultural and recreational services	2.1	2.7	2.8	3.4	3.6	3.7	20.0
Personal and other services	3.6	3.2	3.6	4.2	3.5	4.2	21.1
All industries	116.1	112.2	114.6	115.3	119.7	124.3	813.0
PUBLIC							
Agriculture, forestry and fishing	0.6	0.6	0.6	0.6	0.6	0.6	6.8
Manufacturing	0.1	0.1	0.1	0.1	0.1	0.1	0.6
Electricity, gas and water supply	1.9	1.8	1.9	1.9	1.8	1.9	25.6
Construction	0.4	0.3	0.2	0.2	0.2	0.3	2.8
Transport and storage	0.8	0.9	0.8	0.9	0.8	0.8	7.7
Communication services	2.0	2.1	2.0	2.0	1.8	1.8	23.8
Finance and insurance	0.2	0.3	0.2	0.2	0.2	0.2	2.5
Property and business services	0.4	0.6	0.6	0.6	0.6	0.5	6.9
Government administration and defence	9.6	9.2	10.0	9.5	9.6	9.1	91.0
Education	14.8	14.4	14.7	12.4	14.7	14.4	125.8
Health and community services	8.7	8.6	8.6	8.4	8.7	8.5	72.1
Cultural and recreational services	0.6	0.6	0.6	0.6	0.6	0.5	5.1
Personal and other services	1.9	2.0	2.0	2.0	1.9	2.7	33.2
All industries(a)	41.9	41.4	42.2	39.5	41.8	41.5	404.2
PRIVATE AND PUBLIC							
Agriculture, forestry and fishing	0.6	0.6	0.6	0.6	0.6	0.6	6.8
Mining	1.5	1.3	1.4	1.3	1.2	1.2	17.9
Manufacturing	22.0	22.3	22.5	22.5	22.5	24.1	226.1
Electricity, gas and water supply	2.0	2.0	2.0	2.0	2.0	1.9	26.5
Construction	4.4	4.0	4.5	5.1	5.0	5.1	44.5
Wholesale trade	10.6	9.8	9.7	9.8	* 10.6	* 13.4	* 93.3
Retail trade	22.9	21.5	21.7	21.8	26.2	25.0	95.8
Accommodation, cafes and restaurants	10.2	9.0	10.3	10.4	11.3	10.0	41.4
Transport and storage	5.2	5.2	6.1	7.0	5.7	6.6	52.2
Communication services	2.4	2.2	2.3	2.3	2.1	2.2	25.8
Finance and insurance	5.0	5.0	4.2	3.9	4.1	3.6	31.0
Property and business services	10.6	10.9	11.1	11.3	10.0	10.9	72.4
Government administration and defence	9.6	9.2	10.0	9.5	9.6	9.1	91.0
Education	18.3	17.4	17.8	15.3	17.8	17.3	146.0
Health and community services	24.3	24.6	23.6	21.8	23.0	23.5	167.1
Cultural and recreational services	2.7	3.3	3.4	4.0	4.3	4.2	25.1
Personal and other services	5.5	5.2	5.5	6.1	5.5	7.0	54.3
All industries	158.0	153.6	156.8	154.8	161.4	165.8	1 217.2

(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
	May 1998	August 1998	November 1998	February 1999	May 1999	August 1999	September Qtr 1999
	'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	1.0
Mining	2.3	2.2	2.2	2.1	2.2	2.4	44.7
Manufacturing	2.5	2.8	2.8	2.8	3.3	2.7	32.6
Electricity, gas and water supply	0.8	0.8	0.8	0.8	0.7	0.7	10.3
Construction	3.1	3.6	4.0	3.9	4.0	3.6	36.3
Wholesale trade	2.4	2.2	2.3	2.6	2.6	3.3	31.7
Retail trade	10.2	11.8	10.8	10.3	11.4	11.0	61.7
Accommodation, cafes and restaurants	4.8	5.1	4.8	4.3	4.4	4.6	28.8
Transport and storage	2.2	2.5	2.6	2.3	* 2.8	* 4.4	* 49.9
Communication services	0.9	0.8	0.8	0.9	0.9	0.9	11.6
Finance and insurance	* 1.6	1.0	1.0	1.0	0.9	1.0	9.8
Property and business services	4.9	6.6	6.0	6.9	* 8.6	* 8.7	* 115.5
Government administration and defence	7.7	8.3	7.9	7.6	8.1	7.9	84.7
Education	7.3	7.3	7.5	6.8	7.4	6.7	71.2
Health and community services	8.1	8.4	8.5	7.6	8.2	8.8	85.5
Cultural and recreational services	2.5	2.4	* 2.9	2.8	2.7	2.9	21.9
Personal and other services	6.5	6.5	6.8	6.4	6.5	6.4	43.8
All industries	67.9	72.2	71.8	69.1	74.7	76.0	740.9
AUSTRALIAN CAPITAL TERRITORY							
Agriculture, forestry and fishing	—	—	—	—	—	—	—
Mining	—	—	—	—	—	—	0.5
Manufacturing	3.3	2.6	* 1.9	* 1.9	3.0	3.3	28.9
Electricity, gas and water supply	1.2	1.2	1.0	1.0	1.0	1.0	19.6
Construction	* 3.0	* 4.1	* 4.3	* 4.5	* 3.7	4.2	43.3
Wholesale trade	3.3	3.3	3.4	3.5	3.2	4.3	43.5
Retail trade	15.7	16.7	17.0	15.9	18.4	19.6	87.4
Accommodation, cafes and restaurants	7.2	7.1	7.1	8.4	9.2	7.1	33.6
Transport and storage	3.8	4.0	4.0	3.9	4.2	3.6	44.4
Communication services	2.0	1.9	1.9	1.8	1.8	1.6	20.6
Finance and insurance	3.2	3.4	3.2	3.4	4.0	3.3	32.7
Property and business services	16.6	17.5	20.3	23.0	24.4	20.7	208.8
Government administration and defence	38.2	37.0	36.2	36.7	38.0	37.8	550.1
Education	15.1	15.3	15.4	14.1	16.1	16.0	158.5
Health and community services	12.9	13.5	13.1	13.7	14.1	13.3	128.0
Cultural and recreational services	4.5	4.7	4.6	4.9	4.7	4.6	38.9
Personal and other services	8.2	8.3	8.6	7.8	8.2	8.9	75.3
All industries	138.2	140.5	142.1	144.5	154.0	149.3	1 514.1

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

	NUMBER OF EMPLOYEES—AUGUST 1999				GROSS EARNINGS—SEPTEMBER QTR 1999			
	<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	6.1	* 11.2	52.0	69.2	72.8	* 179.2	1 028.8	1 280.8
Manufacturing	202.4	206.5	469.9	878.8	1 372.5	1 959.7	5 496.6	8 828.7
Electricity, gas and water supply	0.4	0.6	9.3	10.4	5.1	9.7	158.4	173.2
Construction	243.3	45.2	62.4	350.9	1 900.7	557.4	931.9	3 390.0
Wholesale trade	205.0	195.1	128.0	528.0	1 792.2	1 980.9	1 400.5	5 173.6
Retail trade	435.9	185.6	429.4	1 050.9	2 427.6	1 023.9	2 011.4	5 462.9
Accommodation, cafes and restaurants	157.3	131.0	109.9	398.3	616.6	638.9	635.7	1 891.3
Transport and storage	101.0	46.4	99.4	246.8	746.3	454.5	1 333.5	2 534.3
Communication services	16.3	2.1	14.7	33.1	* 115.3	20.2	216.6	352.2
Finance and insurance	43.0	24.7	208.4	276.2	344.7	* 376.4	2 662.4	3 383.5
Property and business services	432.4	208.5	277.9	918.8	3 749.2	2 377.4	2 464.4	8 591.1
Education	42.5	58.4	91.6	192.5	232.5	428.8	743.5	1 404.7
Health and community services	195.1	105.1	205.7	505.8	1 276.0	608.5	1 321.2	3 205.7
Cultural and recreational services	54.9	34.7	67.4	156.9	228.2	171.0	504.0	903.3
Personal and other services	116.9	35.8	42.8	195.4	622.6	241.6	362.0	1 226.2
All industries	2 252.5	1 290.8	2 268.6	5 812.0	15 502.4	11 028.2	21 270.8	47 801.4
STATES AND TERRITORIES								
New South Wales	814.8	414.0	780.7	2 009.6	5 991.2	3 691.9	7 998.0	17 681.1
Victoria	544.1	381.3	607.1	1 532.5	3 596.0	3 514.8	5 946.7	13 057.5
Queensland	409.5	204.3	416.2	1 030.1	2 668.9	1 624.8	3 397.1	7 690.8
South Australia	141.0	108.7	155.5	405.2	949.0	770.5	1 260.5	2 980.0
Western Australia	224.3	119.7	230.1	574.1	1 498.0	956.9	2 042.3	4 497.1
Tasmania	55.3	29.1	39.8	124.3	266.3	209.6	337.1	813.0
Northern Territory	25.1	14.6	14.5	54.1	231.4	127.2	120.8	479.4
Australian Capital Territory	38.3	19.2	24.7	82.1	301.7	132.6	168.3	602.6
Australia	2 252.5	1 290.8	2 268.6	5 812.0	15 502.4	11 028.2	21 270.8	47 801.4

(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.

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 1999 is shown in the following list:

New South Wales	72,100
Victoria	41,500
Queensland	64,500
South Australia	25,700
Western Australia	30,500
Tasmania	9,800
Northern Territory	6,900
Australian Capital Territory	8,700
Australia	259,700

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 1999 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 new 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, 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.

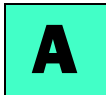
ROUNDING

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	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory	Australia
	'000	'000	'000	'000	'000	'000	'000	'000	'000
LEVEL									
Mining	2.5	0.5	0.8	0.2	3.0	0.1	0.1	—	4.1
Manufacturing	8.9	9.3	5.9	3.1	3.8	3.4	0.4	0.5	15.3
Electricity, gas and water supply	—	0.1	—	—	—	—	—	—	0.1
Construction	18.1	9.6	5.7	6.4	5.5	1.0	0.4	0.6	22.8
Wholesale trade	20.8	11.0	14.9	4.8	5.6	4.7	0.3	0.8	29.2
Retail trade	18.7	14.4	14.8	5.6	11.5	4.8	1.0	2.4	30.9
Accommodation, cafes and restaurants	12.6	9.6	13.3	2.5	6.8	1.0	0.8	0.8	21.5
Transport and storage	8.6	6.2	4.9	2.6	2.6	0.6	1.7	0.3	12.3
Communication services	1.2	1.0	2.9	0.1	0.4	0.1	—	0.1	3.2
Finance and insurance	9.0	7.0	2.1	1.9	2.7	0.3	0.1	0.3	12.0
Property and business services	19.3	42.6	20.6	6.3	18.1	1.6	2.6	3.2	54.6
Education	4.9	3.9	2.0	2.0	1.2	0.3	0.2	0.3	7.1
Health and community services	11.9	5.6	10.7	3.3	4.1	1.1	0.5	1.0	17.8
Cultural and recreational services	6.4	4.5	5.2	1.6	1.0	0.6	0.2	0.8	9.5
Personal and other services	8.3	4.8	6.7	2.8	1.9	1.0	0.8	1.3	12.2
All industries	46.4	50.9	36.6	13.6	25.1	8.0	3.6	4.6	83.3
QUARTERLY MOVEMENT									
Mining	2.6	0.9	0.7	0.2	2.5	—	0.1	—	3.8
Manufacturing	7.8	8.0	4.0	2.7	3.3	3.3	0.6	0.7	13.0
Electricity, gas and water supply	—	0.1	—	—	—	—	—	—	0.1
Construction	9.1	9.7	3.6	2.9	1.6	1.0	0.3	0.7	14.2
Wholesale trade	22.6	5.1	3.7	3.8	4.5	3.0	0.4	0.8	24.4
Retail trade	8.8	6.6	21.4	2.4	8.9	2.8	1.5	2.1	25.9
Accommodation, cafes and restaurants	6.5	6.1	9.7	1.5	6.2	0.8	0.8	1.3	14.5
Transport and storage	6.3	4.8	2.5	1.8	1.7	0.7	1.6	0.4	8.7
Communication services	1.2	0.6	0.2	0.1	0.2	0.1	—	0.1	1.3
Finance and insurance	7.5	5.5	2.0	4.0	5.1	0.2	0.1	0.4	11.5
Property and business services	10.1	16.4	15.5	5.8	5.9	1.2	1.4	2.8	26.2
Education	4.1	3.1	3.4	0.9	0.4	0.3	0.3	0.3	6.3
Health and community services	5.7	9.6	6.4	2.1	1.1	0.5	0.5	0.7	13.1
Cultural and recreational services	3.5	4.8	5.3	1.7	4.4	0.6	0.3	0.3	9.2
Personal and other services	3.6	3.0	2.7	3.2	0.9	0.9	0.6	1.0	6.6
All industries	32.5	26.9	30.5	10.5	15.7	5.7	2.9	4.2	55.7
ANNUAL MOVEMENT									
Mining	2.7	0.6	1.0	0.3	3.0	0.1	0.1	—	4.2
Manufacturing	10.3	11.4	5.3	3.6	5.2	3.4	0.5	0.7	17.7
Electricity, gas and water supply	0.1	0.1	—	—	0.1	—	—	—	0.2
Construction	19.8	10.4	9.0	6.8	4.2	1.2	0.7	1.6	25.3
Wholesale trade	24.5	9.5	16.0	4.9	7.3	3.9	0.4	0.6	32.2
Retail trade	26.4	12.2	21.2	5.1	11.9	5.7	1.5	2.7	38.5
Accommodation, cafes and restaurants	9.1	11.4	12.7	3.0	7.4	1.4	0.9	1.0	20.7
Transport and storage	8.4	6.7	5.7	1.9	3.0	0.8	1.6	0.4	12.5
Communication services	5.4	1.0	4.3	0.3	0.6	0.1	—	—	6.9
Finance and insurance	12.8	5.3	3.2	3.8	7.2	0.6	0.1	0.3	16.3
Property and business services	20.9	39.6	22.2	8.2	12.6	2.0	2.8	3.4	52.2
Education	5.0	5.6	5.6	1.3	1.4	0.3	0.3	0.4	9.5
Health and community services	13.2	7.3	11.6	4.2	4.1	1.4	0.5	1.2	19.9
Cultural and recreational services	6.7	11.9	5.6	1.8	4.5	0.7	0.3	0.7	15.5
Personal and other services	6.3	8.2	7.3	3.6	2.7	1.1	0.8	1.5	13.5
All industries	53.6	50.4	42.2	15.5	23.9	8.4	4.0	5.3	89.6

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	—	0.3	0.1	—	—	—	—	—	0.3
Manufacturing	—	—	—	—	—	—	—	—	—
Electricity, gas and water supply	0.2	0.1	0.1	—	—	—	—	—	0.3
Construction	—	—	—	—	—	—	—	—	—
Transport and storage	—	—	0.1	—	—	—	—	—	0.1
Communication services	—	—	—	—	—	—	—	—	—
Finance and insurance	—	—	—	—	—	—	—	—	—
Property and business services	0.3	0.2	0.1	0.1	—	—	0.2	0.2	0.5
Government administration and defence	1.4	0.5	1.4	0.5	0.4	—	0.4	0.1	2.2
Education	0.1	2.5	0.1	—	0.2	0.1	—	—	2.5
Health and community services	0.2	0.8	0.2	—	0.3	—	0.2	—	0.9
Cultural and recreational services	0.1	0.1	0.2	0.2	0.1	—	—	—	0.3
Personal and other services	0.1	0.7	0.1	0.1	0.1	—	—	—	0.8
All industries(a)	1.5	2.8	1.5	0.6	0.5	0.1	0.4	0.2	3.6
QUARTERLY MOVEMENT									
Agriculture, forestry and fishing	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—
Electricity, gas and water supply	0.2	—	—	—	—	—	—	—	0.2
Construction	—	—	—	—	—	—	—	—	—
Transport and storage	—	—	0.5	—	—	—	—	—	0.5
Communication services	—	—	—	—	—	—	—	—	—
Finance and insurance	—	—	—	—	—	—	—	—	—
Property and business services	0.3	0.2	0.1	0.1	—	—	0.1	0.2	0.5
Government administration and defence	0.6	0.5	0.7	0.6	0.9	—	0.4	0.4	1.6
Education	0.1	1.8	—	—	—	0.1	—	—	1.8
Health and community services	0.1	0.5	0.1	—	0.2	0.1	0.2	—	0.6
Cultural and recreational services	0.1	—	—	0.2	—	—	—	—	0.2
Personal and other services	0.1	0.1	—	—	—	—	—	—	0.2
All industries(a)	0.8	2.0	0.9	0.6	0.9	0.1	0.5	0.5	2.6
ANNUAL MOVEMENT									
Agriculture, forestry and fishing	—	—	—	—	0.1	—	—	—	0.1
Manufacturing	—	—	—	—	—	—	—	—	—
Electricity, gas and water supply	0.2	0.1	0.1	—	—	—	—	—	0.3
Construction	—	—	—	—	—	—	—	—	—
Transport and storage	—	0.1	0.4	—	—	—	—	—	0.4
Communication services	—	—	—	—	—	—	—	—	—
Finance and insurance	0.1	—	—	—	—	—	—	—	0.1
Property and business services	0.3	0.4	0.1	0.1	—	0.1	0.3	0.4	0.7
Government administration and defence	0.9	0.5	3.7	0.8	0.6	—	0.4	0.3	4.0
Education	0.1	3.7	—	—	0.2	0.2	—	—	3.7
Health and community services	0.1	0.9	0.2	1.9	0.2	—	0.2	—	2.1
Cultural and recreational services	0.2	0.1	—	0.2	0.1	—	—	—	0.3
Personal and other services	0.1	0.3	—	—	0.1	—	—	—	0.3
All industries(a)	1.1	3.9	3.7	2.1	0.6	0.2	0.5	0.5	6.0

(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
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.

G L O S S A R Y

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.

G L O S S A R Y *continued*

Number of employees	<p>All wage and salary earners who received pay for any part of the relevant pay period, including:</p> <ul style="list-style-type: none"> ▪ permanent, temporary, casual, managerial and executive employees; ▪ part-time and casual employees who may have received pay for only a few hours during the reference period; and ▪ employees on paid leave and those on workers' compensation who continue to be paid through the payroll. <p>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.</p>
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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	Sydney	02 9268 4611	02 9268 4668
	Melbourne	03 9615 7755	03 9615 7798
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	Adelaide	08 8237 7400	08 8237 7566
	Hobart	03 6222 5800	03 6222 5995
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POST Client Services, ABS, PO Box 10, Belconnen ACT 2616

EMAIL client.services@abs.gov.au



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