



February 1997

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Labour Force

Queensland

NOTES

FORTHCOMING ISSUES

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May 1997

15 July 1997

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15 October 1997

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15 January 1998

INQUIRIES

For information about other ABS statistics and services, please refer to the back of this publication.

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Ian Marshall

Acting Regional Director, Queensland

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SUMMARY OF FINDINGS

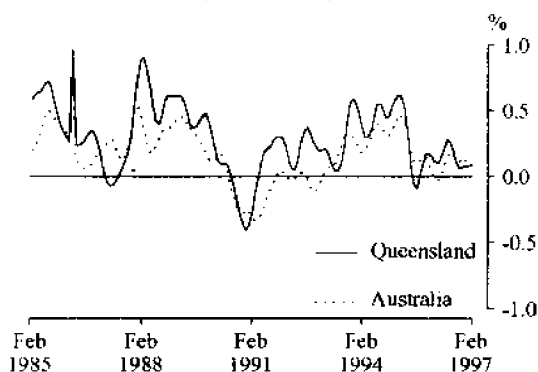
TREND SERIES

In Queensland, employment increased, in trend terms, by 25,900 to 1,546,200 between February 1996 and February 1997 while the number of unemployed persons increased by 12,400 to 166,900 over the same period. The unemployment rate increased from 9.2% in February 1996 to 9.7% in February 1997. The participation rate decreased from 64.7% in February 1996 to 64.5% in February 1997. In Australia, in trend terms, employment increased by 105,800 from February 1996 to February 1997 and the number of unemployed persons increased by 27,800 over the same period.

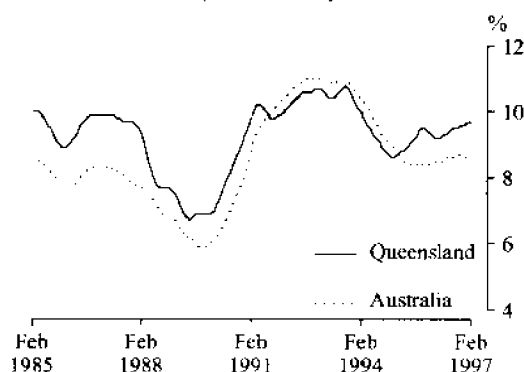
LABOUR FORCE, QUEENSLAND, TREND SERIES

| Particulars | Unit | February 1996 | November 1996 | December 1996 | January 1997 | February 1997 | Annual change |
|-------------------|------|---------------|---------------|---------------|--------------|---------------|---------------|
| Employed | '000 | 1 520.3 | 1 542.3 | 1 543.6 | 1 544.8 | 1 546.2 | 1.7 % |
| Unemployed | '000 | 154.5 | 163.2 | 164.5 | 165.9 | 166.9 | 8.0 % |
| Labour force | '000 | 1 674.8 | 1 705.5 | 1 708.0 | 1 710.7 | 1 713.1 | 2.3 % |
| Unemployment rate | % | 9.2 | 9.6 | 9.6 | 9.7 | 9.7 | 0.5 pts |

EMPLOYED PERSONS: MONTHLY PERCENTAGE CHANGE
(Trend series)



UNEMPLOYMENT RATE
(Trend Series)



SEASONALLY ADJUSTED SERIES

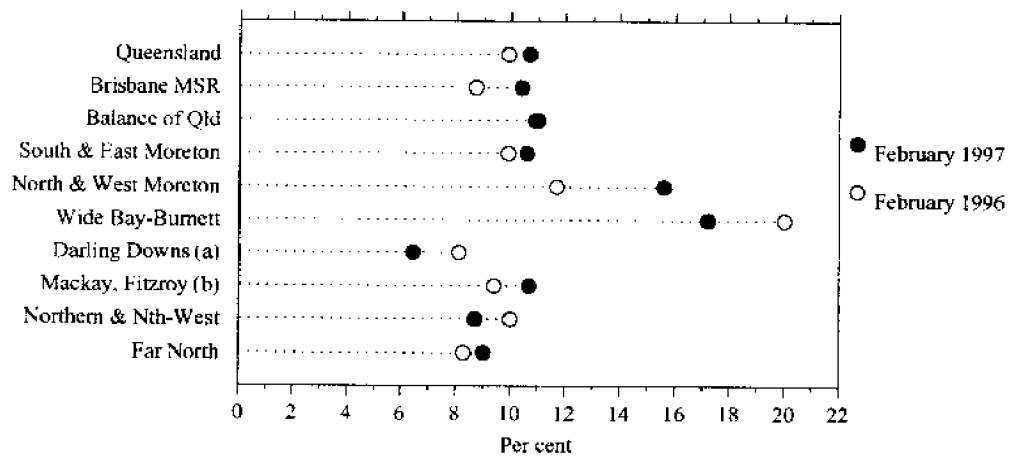
In seasonally adjusted terms, employment in Queensland increased by 26,700 to 1,549,700 between February 1996 and February 1997 while the number of unemployed persons increased by 17,200 to 166,400 over the same period. The unemployment rate fluctuated from a low of 8.9% in February 1996 to a high of 10.1% in January 1997 and then fell to 9.7% in February 1997. Between February 1996 and February 1997, the unemployment rate fell below 9.0% in only one of the months.

REGIONAL ESTIMATES (ORIGINAL SERIES)

The unemployment rate for the Brisbane Major Statistical Region (MSR) in February 1997 was 10.4% and for the Balance of Queensland was 11.0%. North and West Brisbane Statistical Division (BSD) Balance had the highest unemployment rate (12.4%) in the Brisbane MSR while the Brisbane City Inner ring had the lowest rate (8.0%). For the Balance of Queensland, regions with the highest unemployment rates were Wide Bay-Burnett (17.2%) and North and West Moreton (15.6%). The Darling Downs and South West Statistical Region had the lowest unemployment rate of 6.4%.

SUMMARY OF FINDINGS *continued*

UNEMPLOYMENT RATE: REGIONS OF QUEENSLAND, FEBRUARY 1996 AND FEBRUARY 1997



(a) Including South-West. (b) Including Central-West.

YOUTH ESTIMATES

The number of unemployed 15 to 19 year olds in the Queensland labour force increased 22.7% to 38,400 persons over the year from February 1996 to February 1997, while the number employed decreased by 9,800 to 116,400 persons. The unemployment rate for this group increased from 19.8% in February 1996 to 24.8% in February 1997. There were 189,800 employed 20 to 24 year olds in February 1997, a small decrease over the previous 12 months. The unemployment rate for this group increased from 13.8% to 14.5% over the same period.

INDUSTRY ESTIMATES

In February 1997, the retail trade industry in Queensland employed the most persons with 247,300. This was an increase of 3.3% on the figure for February 1996.

Employment in the manufacturing industry decreased 11,800 (6.4%) to 171,800.

EMPLOYMENT AND UNEMPLOYMENT FOR SELECTED GROUPS

| Particulars | EMPLOYED PERSONS..... | | | UNEMPLOYED PERSONS..... | | |
|--|--------------------------|--------------------------|-----------------------|--------------------------|--------------------------|-----------------------|
| | February 1996 '000 | February 1997 '000 | Annual change % | February 1996 '000 | February 1997 '000 | Annual change % |
| Males | 871.7 | 871.0 | -0.1 | 93.3 | 105.7 | 13.3 |
| Females | 642.2 | 669.7 | 4.3 | 72.2 | 78.7 | 9.0 |
| Persons aged (years) | | | | | | |
| 15-19 | 126.2 | 116.4 | -7.8 | 31.3 | 38.4 | 22.7 |
| 20-24 | 192.1 | 189.8 | -1.2 | 30.8 | 32.2 | 4.5 |
| 25-44 | 748.6 | 758.6 | 1.3 | 69.3 | 80.5 | 16.2 |
| 45 and over | 447.0 | 475.8 | 6.4 | 34.1 | 33.4 | -2.1 |
| Industry of employment or of last full-time job | | | | | | |
| Agriculture, forestry and fishing | 84.6 | 89.3 | 5.6 | 7.9 | 6.3 | -20.3 |
| Manufacturing | 183.6 | 171.8 | 6.4 | 14.0 | 14.6 | 4.3 |
| Construction | 128.0 | 127.1 | -0.7 | 11.1 | 13.6 | 22.5 |
| Wholesale trade | 83.7 | 87.3 | 4.3 | 6.2 | 5.2 | -16.1 |
| Retail trade | 239.3 | 247.3 | 3.3 | 15.1 | 14.6 | 3.3 |
| Health and community services | 136.6 | 138.2 | 1.2 | 6.6 | 3.8 | -42.4 |
| Other industries | 658.1 | 679.6 | 3.3 | 31.8 | 39.2 | 23.3 |
| Other unemployed persons | .. | .. | .. | 72.7 | 87.2 | 19.9 |
| Queensland | 1 513.9 | 1 540.8 | 1.8 | 165.5 | 184.5 | 11.5 |

TABLE 1 — LABOUR FORCE STATUS: ORIGINAL SERIES, QUEENSLAND

| Month | Employed | | Unemployed | | Labour force | Not in labour force | Civilian population aged 15 years and over | Unemployment rate | Participation rate |
|-----------|-----------|---------|----------------------------|-------|--------------|---------------------|--|-------------------|--------------------|
| | Full-time | Total | Looking for full-time work | Total | | | | | |
| | '000 | '000 | '000 | '000 | | | | | |
| MALES | | | | | | | | | |
| 1995 — | | | | | | | | | |
| December | 781.8 | 876.3 | 84.9 | 94.5 | 970.8 | 306.2 | 1,276.9 | 9.7 | 76.0 |
| 1996 | | | | | | | | | |
| January | 770.5 | 856.0 | 96.4 | 107.2 | 963.3 | 316.6 | 1,279.8 | 11.1 | 75.3 |
| February | 780.9 | 871.7 | 85.7 | 93.3 | 965.0 | 317.7 | 1,282.7 | 9.7 | 75.2 |
| March | 774.7 | 872.0 | 81.5 | 94.9 | 966.9 | 318.7 | 1,285.6 | 9.8 | 75.2 |
| April | 778.6 | 876.2 | 82.1 | 92.9 | 969.1 | 319.8 | 1,288.8 | 9.6 | 75.2 |
| May | 779.3 | 878.0 | 79.5 | 88.4 | 966.3 | 325.8 | 1,292.1 | 9.1 | 74.8 |
| June | 776.6 | 882.6 | 79.0 | 89.4 | 972.0 | 323.4 | 1,295.4 | 9.2 | 75.0 |
| July | 785.1 | 889.1 | 75.2 | 83.2 | 972.3 | 325.5 | 1,297.8 | 8.6 | 74.9 |
| August | 775.7 | 871.5 | 83.4 | 92.8 | 964.4 | 335.9 | 1,300.3 | 9.6 | 74.2 |
| September | 786.3 | 888.7 | 78.9 | 88.9 | 977.6 | 325.2 | 1,302.7 | 9.1 | 75.0 |
| October | 784.0 | 880.9 | 78.3 | 91.4 | 972.2 | 333.0 | 1,305.2 | 9.4 | 74.5 |
| November | 784.1 | 887.2 | 73.5 | 82.1 | 969.3 | 338.5 | 1,307.7 | 8.5 | 74.1 |
| December | 794.7 | 892.0 | 79.2 | 91.5 | 983.5 | 326.7 | 1,310.2 | 9.3 | 75.1 |
| 1997 — | | | | | | | | | |
| January | 770.9 | 870.2 | 93.4 | 109.1 | 979.3 | 333.3 | 1,312.6 | 11.1 | 74.6 |
| February | 773.9 | 871.0 | 95.7 | 105.7 | 976.7 | 338.3 | 1,315.0 | 10.8 | 74.3 |
| FEMALES | | | | | | | | | |
| 1995 — | | | | | | | | | |
| December | 377.1 | 667.3 | 41.3 | 61.2 | 728.5 | 572.0 | 1,300.4 | 8.4 | 56.0 |
| 1996 — | | | | | | | | | |
| January | 381.3 | 635.8 | 48.3 | 64.3 | 700.1 | 603.3 | 1,303.3 | 9.2 | 53.7 |
| February | 374.6 | 642.2 | 50.9 | 72.2 | 714.5 | 591.8 | 1,306.2 | 10.1 | 54.7 |
| March | 367.7 | 642.2 | 48.5 | 68.0 | 710.2 | 599.0 | 1,309.2 | 9.6 | 54.2 |
| April | 362.4 | 639.0 | 48.8 | 69.8 | 708.8 | 603.3 | 1,312.2 | 9.8 | 54.0 |
| May | 369.3 | 646.2 | 44.7 | 68.4 | 714.6 | 600.6 | 1,315.2 | 9.6 | 54.3 |
| June | 371.9 | 652.7 | 46.3 | 65.6 | 718.3 | 599.8 | 1,318.2 | 9.1 | 54.5 |
| July | 374.4 | 656.1 | 42.1 | 65.4 | 721.5 | 599.3 | 1,320.8 | 9.1 | 54.6 |
| August | 375.5 | 655.1 | 41.9 | 63.6 | 718.7 | 604.7 | 1,323.4 | 8.8 | 54.3 |
| September | 385.0 | 672.9 | 42.8 | 65.8 | 738.7 | 587.4 | 1,326.1 | 8.9 | 55.7 |
| October | 382.9 | 661.6 | 41.6 | 62.8 | 724.4 | 604.3 | 1,328.7 | 8.7 | 54.5 |
| November | 376.3 | 663.1 | 42.9 | 63.3 | 726.4 | 605.0 | 1,331.4 | 8.7 | 54.6 |
| December | 387.9 | 673.2 | 43.8 | 69.2 | 742.4 | 591.7 | 1,334.1 | 9.3 | 55.6 |
| 1997 — | | | | | | | | | |
| January | 375.1 | 642.8 | 55.2 | 77.3 | 720.0 | 616.7 | 1,336.7 | 10.7 | 53.9 |
| February | 376.6 | 669.7 | 55.8 | 78.7 | 748.4 | 590.9 | 1,339.3 | 10.5 | 55.9 |
| PERSONS | | | | | | | | | |
| 1995 — | | | | | | | | | |
| December | 1,158.9 | 1,543.6 | 126.1 | 155.7 | 1,699.2 | 878.1 | 2,577.4 | 9.2 | 65.9 |
| 1996 | | | | | | | | | |
| January | 1,151.9 | 1,491.8 | 144.7 | 171.5 | 1,663.3 | 919.8 | 2,583.2 | 10.3 | 64.4 |
| February | 1,155.5 | 1,513.9 | 136.6 | 165.5 | 1,679.4 | 909.5 | 2,588.9 | 9.9 | 64.9 |
| March | 1,142.3 | 1,514.1 | 130.0 | 163.0 | 1,677.1 | 917.7 | 2,594.8 | 9.7 | 64.6 |
| April | 1,141.0 | 1,515.2 | 130.9 | 162.7 | 1,677.9 | 923.1 | 2,601.0 | 9.7 | 64.5 |
| May | 1,148.6 | 1,524.2 | 124.2 | 156.7 | 1,680.9 | 926.3 | 2,607.3 | 9.3 | 64.5 |
| June | 1,148.5 | 1,535.3 | 125.3 | 155.0 | 1,690.3 | 923.2 | 2,613.5 | 9.2 | 64.7 |
| July | 1,159.5 | 1,545.2 | 117.3 | 148.6 | 1,693.8 | 924.8 | 2,618.6 | 8.8 | 64.7 |
| August | 1,151.2 | 1,526.6 | 125.4 | 156.4 | 1,683.1 | 940.7 | 2,623.7 | 9.3 | 64.1 |
| September | 1,171.2 | 1,561.5 | 121.7 | 154.7 | 1,716.3 | 912.5 | 2,628.8 | 9.0 | 65.3 |
| October | 1,166.9 | 1,542.5 | 120.0 | 154.2 | 1,696.7 | 937.3 | 2,634.0 | 9.1 | 64.4 |
| November | 1,160.4 | 1,550.2 | 116.4 | 145.4 | 1,695.6 | 943.5 | 2,639.1 | 8.6 | 64.2 |
| December | 1,182.6 | 1,565.2 | 123.0 | 160.7 | 1,725.9 | 918.4 | 2,644.3 | 9.3 | 65.3 |
| 1997 — | | | | | | | | | |
| January | 1,146.0 | 1,513.0 | 148.6 | 186.4 | 1,699.4 | 949.9 | 2,649.3 | 11.0 | 64.1 |
| February | 1,150.5 | 1,540.6 | 151.5 | 184.5 | 1,725.1 | 929.2 | 2,654.3 | 10.7 | 65.0 |

TABLE 2 — LABOUR FORCE STATUS: SEASONALLY ADJUSTED SERIES, QUEENSLAND

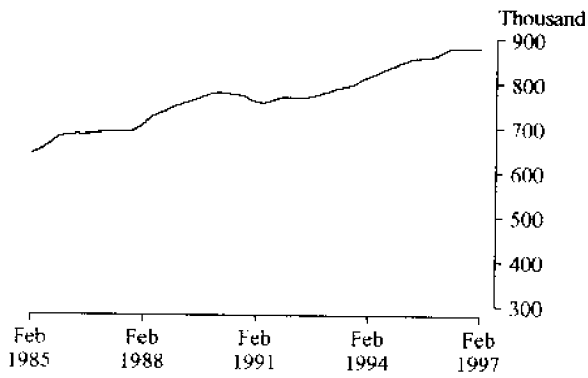
| Month | Employed | Unemployed | Labour force | Unemployment rate | Participation rate |
|-----------|----------|------------|--------------|-------------------|--------------------|
| | '000 | '000 | '000 | % | % |
| MALES | | | | | |
| 1995 | | | | | |
| December | 866.4 | 96.4 | 962.8 | 10.0 | 75.4 |
| 1996 - | | | | | |
| January | 867.5 | 95.7 | 963.3 | 9.9 | 75.3 |
| February | 875.1 | 85.9 | 961.0 | 8.9 | 74.9 |
| March | 874.3 | 89.4 | 963.7 | 9.3 | 75.0 |
| April | 881.2 | 88.9 | 970.1 | 9.2 | 75.3 |
| May | 883.4 | 86.4 | 969.8 | 8.9 | 75.1 |
| June | 878.5 | 91.5 | 970.1 | 9.4 | 74.9 |
| July | 883.8 | 88.7 | 972.5 | 9.1 | 74.9 |
| August | 876.1 | 99.5 | 975.6 | 10.2 | 75.0 |
| September | 880.3 | 93.3 | 973.6 | 9.6 | 74.7 |
| October | 876.5 | 97.0 | 973.6 | 10.0 | 74.6 |
| November | 886.8 | 86.5 | 973.3 | 8.9 | 74.4 |
| December | 882.0 | 93.6 | 975.7 | 9.6 | 74.5 |
| 1997 - | | | | | |
| January | 882.4 | 97.3 | 979.7 | 9.9 | 74.6 |
| February | 874.2 | 97.4 | 971.6 | 10.0 | 73.9 |
| FEMALES | | | | | |
| 1995 | | | | | |
| December | 656.7 | 61.5 | 718.2 | 8.6 | 55.2 |
| 1996 - | | | | | |
| January | 652.2 | 62.9 | 715.1 | 8.8 | 54.9 |
| February | 647.9 | 63.2 | 711.1 | 8.9 | 54.4 |
| March | 641.7 | 61.4 | 703.1 | 8.7 | 53.7 |
| April | 639.1 | 68.7 | 707.8 | 9.7 | 53.9 |
| May | 646.4 | 68.9 | 715.3 | 9.6 | 54.4 |
| June | 651.6 | 67.2 | 718.8 | 9.3 | 54.5 |
| July | 656.9 | 66.8 | 723.7 | 9.2 | 54.8 |
| August | 661.6 | 66.8 | 728.4 | 9.2 | 55.0 |
| September | 662.3 | 67.1 | 729.4 | 9.2 | 55.0 |
| October | 660.3 | 69.4 | 729.8 | 9.5 | 54.9 |
| November | 657.4 | 67.7 | 725.1 | 9.3 | 54.5 |
| December | 662.1 | 70.0 | 732.1 | 9.6 | 54.9 |
| 1997 - | | | | | |
| January | 659.4 | 75.4 | 734.8 | 10.3 | 55.0 |
| February | 675.5 | 69.0 | 744.5 | 9.3 | 55.6 |
| PERSONS | | | | | |
| 1995 - | | | | | |
| December | 1,523.1 | 157.9 | 1,681.1 | 9.4 | 65.2 |
| 1996 - | | | | | |
| January | 1,519.7 | 158.6 | 1,678.3 | 9.4 | 65.0 |
| February | 1,523.0 | 149.2 | 1,672.2 | 8.9 | 64.6 |
| March | 1,516.0 | 150.8 | 1,666.8 | 9.0 | 64.2 |
| April | 1,520.3 | 157.6 | 1,677.9 | 9.4 | 64.5 |
| May | 1,529.7 | 155.4 | 1,685.1 | 9.2 | 64.6 |
| June | 1,530.1 | 158.7 | 1,688.8 | 9.4 | 64.6 |
| July | 1,540.7 | 155.5 | 1,696.2 | 9.2 | 64.8 |
| August | 1,537.7 | 166.3 | 1,704.0 | 9.8 | 64.9 |
| September | 1,542.7 | 160.3 | 1,703.0 | 9.4 | 64.8 |
| October | 1,536.9 | 166.4 | 1,703.3 | 9.8 | 64.7 |
| November | 1,544.2 | 154.3 | 1,698.5 | 9.1 | 64.4 |
| December | 1,544.2 | 163.6 | 1,707.8 | 9.6 | 64.6 |
| 1997 - | | | | | |
| January | 1,541.8 | 172.7 | 1,714.5 | 10.1 | 64.7 |
| February | 1,549.7 | 166.4 | 1,716.1 | 9.7 | 64.7 |

TABLE 3 — LABOUR FORCE STATUS: TREND SERIES, QUEENSLAND

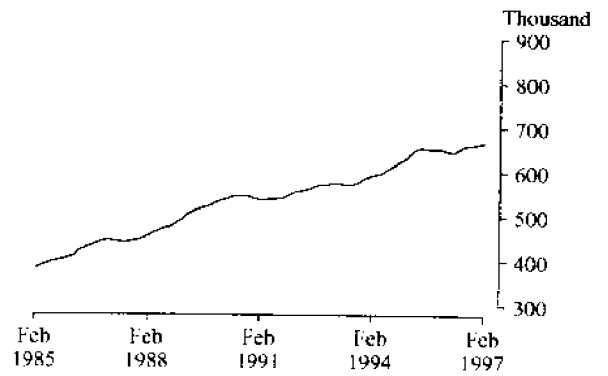
| Month | Employed '000 | Unemployed '000 | Labour force '000 | Unemployment rate % | Participation rate % |
|-----------|------------------|--------------------|----------------------|---------------------------|----------------------------|
| MALES | | | | | |
| 1995 — | | | | | |
| December | 865.2 | 95.4 | 960.7 | 9.9 | 75.2 |
| 1996 — | | | | | |
| January | 868.9 | 93.3 | 962.2 | 9.7 | 75.2 |
| February | 873.0 | 90.8 | 963.8 | 9.4 | 75.1 |
| March | 876.7 | 88.9 | 965.6 | 9.2 | 75.1 |
| April | 879.3 | 88.2 | 967.5 | 9.1 | 75.1 |
| May | 880.6 | 88.9 | 969.5 | 9.2 | 75.0 |
| June | 880.8 | 90.5 | 971.3 | 9.3 | 75.0 |
| July | 880.4 | 92.2 | 972.6 | 9.5 | 74.9 |
| August | 880.2 | 93.3 | 973.4 | 9.6 | 74.9 |
| September | 880.3 | 93.7 | 974.0 | 9.6 | 74.8 |
| October | 880.7 | 93.7 | 974.5 | 9.6 | 74.7 |
| November | 881.1 | 93.8 | 974.9 | 9.6 | 74.5 |
| December | 881.0 | 94.1 | 975.1 | 9.7 | 74.4 |
| 1997 | | | | | |
| January | 880.5 | 94.8 | 975.3 | 9.7 | 74.3 |
| February | 880.0 | 95.2 | 975.2 | 9.8 | 74.2 |
| FEMALES | | | | | |
| 1995 - | | | | | |
| December | 651.1 | 62.5 | 713.6 | 8.8 | 54.9 |
| 1996 — | | | | | |
| January | 649.7 | 63.0 | 712.6 | 8.8 | 54.7 |
| February | 647.3 | 63.7 | 711.0 | 9.0 | 54.4 |
| March | 645.2 | 64.8 | 710.0 | 9.1 | 54.2 |
| April | 644.7 | 65.9 | 710.7 | 9.3 | 54.2 |
| May | 646.8 | 66.9 | 713.7 | 9.4 | 54.3 |
| June | 650.8 | 67.4 | 718.2 | 9.4 | 54.5 |
| July | 655.2 | 67.4 | 722.7 | 9.3 | 54.7 |
| August | 658.4 | 67.4 | 725.9 | 9.3 | 54.8 |
| September | 660.0 | 67.7 | 727.7 | 9.3 | 54.9 |
| October | 660.6 | 68.4 | 729.0 | 9.4 | 54.9 |
| November | 661.2 | 69.4 | 730.7 | 9.5 | 54.9 |
| December | 662.5 | 70.4 | 732.9 | 9.6 | 54.9 |
| 1997 — | | | | | |
| January | 664.3 | 71.1 | 735.4 | 9.7 | 55.0 |
| February | 666.2 | 71.7 | 737.9 | 9.7 | 55.1 |
| PERSONS | | | | | |
| 1995 | | | | | |
| December | 1,516.3 | 157.9 | 1,674.3 | 9.4 | 65.0 |
| 1996 — | | | | | |
| January | 1,518.6 | 156.3 | 1,674.8 | 9.3 | 64.8 |
| February | 1,520.3 | 154.5 | 1,674.8 | 9.2 | 64.7 |
| March | 1,521.8 | 153.7 | 1,675.5 | 9.2 | 64.6 |
| April | 1,524.1 | 154.1 | 1,678.2 | 9.2 | 64.5 |
| May | 1,527.4 | 155.8 | 1,683.2 | 9.3 | 64.6 |
| June | 1,531.6 | 157.9 | 1,689.5 | 9.3 | 64.6 |
| July | 1,535.7 | 159.6 | 1,695.3 | 9.4 | 64.7 |
| August | 1,538.6 | 160.7 | 1,699.3 | 9.5 | 64.8 |
| September | 1,540.3 | 161.4 | 1,701.7 | 9.5 | 64.7 |
| October | 1,541.3 | 162.2 | 1,703.5 | 9.5 | 64.7 |
| November | 1,542.3 | 163.2 | 1,705.5 | 9.6 | 64.6 |
| December | 1,543.6 | 164.5 | 1,708.0 | 9.6 | 64.6 |
| 1997 | | | | | |
| January | 1,544.8 | 165.9 | 1,710.7 | 9.7 | 64.6 |
| February | 1,546.2 | 166.9 | 1,713.1 | 9.7 | 64.5 |

LABOUR FORCE STATUS: TREND SERIES, QUEENSLAND

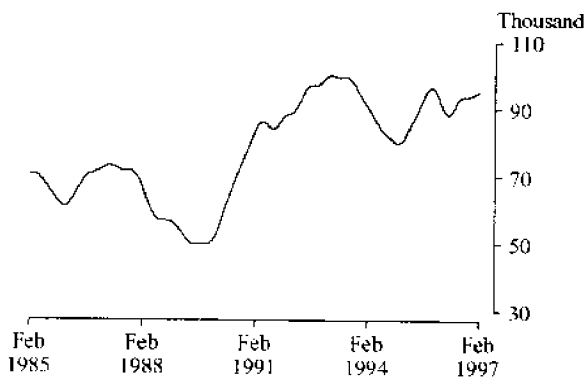
EMPLOYED MALES



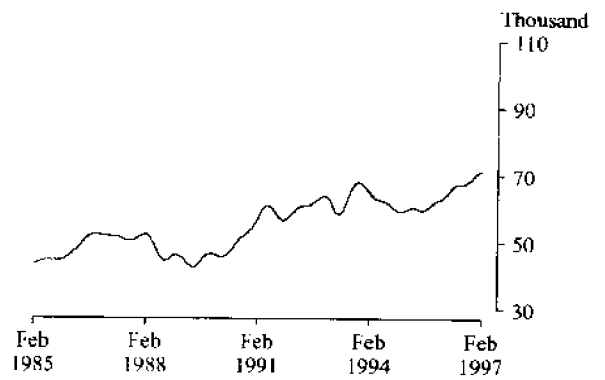
EMPLOYED FEMALES



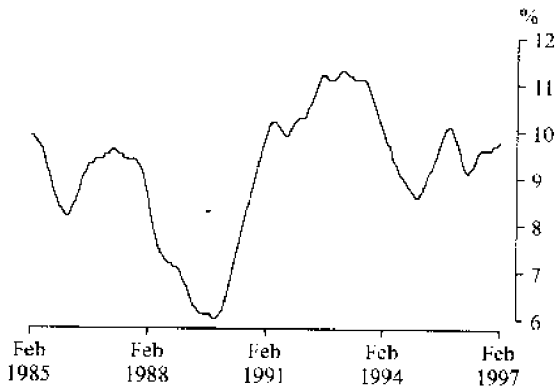
UNEMPLOYED MALES



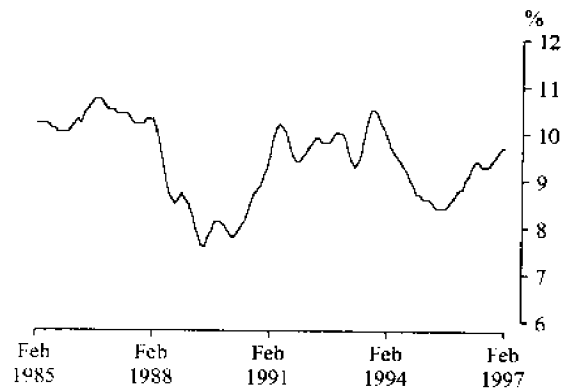
UNEMPLOYED FEMALES



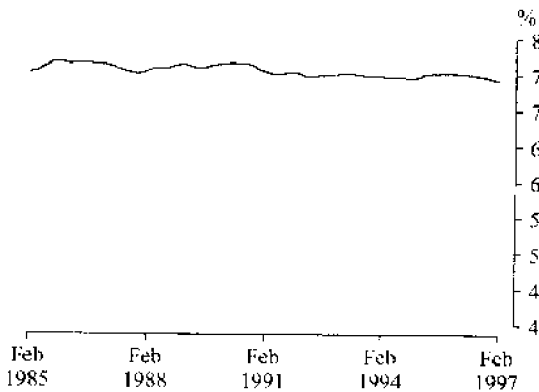
MALE UNEMPLOYMENT RATE



FEMALE UNEMPLOYMENT RATE



MALE PARTICIPATION RATE



FEMALE PARTICIPATION RATE

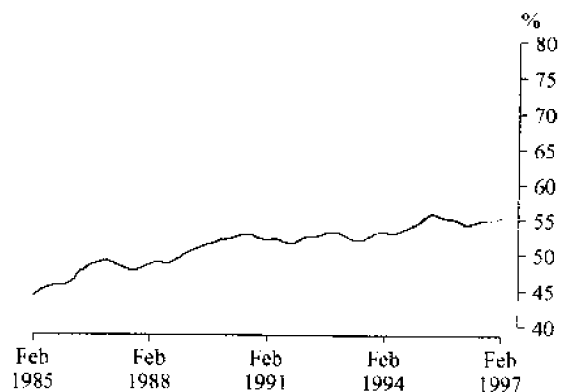


TABLE 4 — LABOUR FORCE STATUS: STATISTICAL REGIONS, QUEENSLAND, DECEMBER 1996

| Region | Employed | | | Unemployed '000 | Labour force '000 | Unem- ployment rate % | Partici- pation rate % |
|----------------------------------|-------------------|-------------------|----------------|--------------------|-------------------------|--------------------------------|---------------------------------|
| | Full-time '000 | Part-time '000 | Total '000 | | | | |
| MALES | | | | | | | |
| <i>Brisbane</i> | 365.6 | 45.6 | 411.2 | 43.5 | 454.7 | 9.6 | 76.7 |
| Brisbane City Inner Ring | 100.7 | 14.6 | 115.3 | 5.7 | 121.0 | 4.7 | 79.0 |
| Brisbane City Outer Ring | 104.6 | 16.6 | 121.2 | 13.1 | 134.3 | 9.8 | 74.3 |
| South and East BSD Balance | 65.6 | 7.1 | 72.7 | 11.5 | 84.2 | 13.7 | 78.3 |
| North and West BSD Balance | 94.7 | 7.3 | 102.0 | 13.1 | 115.1 | 11.4 | 76.0 |
| <i>Balance of Queensland</i> | 429.1 | 51.7 | 480.8 | 48.0 | 528.8 | 9.1 | 73.7 |
| South and East Moreton | 83.5 | 11.9 | 95.4 | 12.2 | 107.6 | 11.3 | 75.7 |
| North and West Moreton | 47.8 | 8.7 | 56.5 | 5.9 | 62.4 | 9.4 | 62.2 |
| Wide Bay-Burnett | 38.0 | 5.0 | 43.0 | 9.0 | 52.0 | 17.2 | 64.3 |
| Darling Downs and South-West | 67.3 | 5.6 | 72.9 | 5.2 | 78.1 | 6.6 | 77.4 |
| Mackay, Fitzroy and Central-West | 83.5 | 5.0 | 88.5 | 7.4 | 95.9 | 7.7 | 75.9 |
| Northern and North-West | 59.2 | 7.2 | 66.4 | 4.3 | 70.7 | 6.1 | 80.9 |
| Far North | 49.9 | 8.1 | 58.0 | 4.1 | 62.1 | 6.5 | 78.2 |
| Queensland | 794.7 | 97.3 | 892.0 | 91.5 | 983.5 | 9.3 | 75.1 |
| FEMALES | | | | | | | |
| <i>Brisbane</i> | 194.8 | 130.5 | 325.3 | 30.4 | 355.7 | 8.5 | 57.6 |
| Brisbane City Inner Ring | 61.7 | 28.3 | 90.0 | 7.0 | 96.9 | 7.2 | 63.9 |
| Brisbane City Outer Ring | 57.8 | 40.3 | 98.1 | 7.0 | 105.1 | 6.7 | 55.3 |
| South and East BSD Balance | 31.8 | 23.1 | 54.9 | 6.7 | 61.5 | 10.8 | 55.0 |
| North and West BSD Balance | 43.4 | 38.9 | 82.4 | 9.8 | 92.1 | 10.6 | 56.4 |
| <i>Balance of Queensland</i> | 193.1 | 154.9 | 347.9 | 38.8 | 386.7 | 10.0 | 53.9 |
| South and East Moreton | 42.8 | 35.3 | 78.0 | 8.3 | 86.3 | 9.6 | 56.3 |
| North and West Moreton | 24.2 | 20.0 | 44.2 | 5.8 | 50.0 | 11.5 | 50.8 |
| Wide Bay-Burnett | 16.1 | 18.2 | 34.3 | 6.7 | 41.0 | 16.5 | 50.3 |
| Darling Downs and South-West | 26.8 | 19.3 | 46.0 | 4.3 | 50.3 | 8.6 | 53.2 |
| Mackay, Fitzroy and Central-West | 29.4 | 26.5 | 55.9 | 8.0 | 63.9 | 12.5 | 49.4 |
| Northern and North-West | 26.6 | 19.2 | 45.9 | 4.3 | 50.2 | 8.6 | 58.7 |
| Far North | 27.2 | 16.4 | 43.6 | * 1.4 | 45.0 | * 3.0 | 60.5 |
| Queensland | 387.9 | 285.4 | 673.2 | 69.2 | 742.4 | 9.3 | 55.6 |
| PERSONS | | | | | | | |
| <i>Brisbane</i> | 560.4 | 176.1 | 736.5 | 73.9 | 810.4 | 9.1 | 67.0 |
| Brisbane City Inner Ring | 162.4 | 42.9 | 205.3 | 12.7 | 217.9 | 5.8 | 71.5 |
| Brisbane City Outer Ring | 162.4 | 56.9 | 219.3 | 20.1 | 239.4 | 8.4 | 64.5 |
| South and East BSD Balance | 97.4 | 30.1 | 127.6 | 18.2 | 145.7 | 12.5 | 66.4 |
| North and West BSD Balance | 138.1 | 46.3 | 184.4 | 22.9 | 207.2 | 11.0 | 65.8 |
| <i>Balance of Queensland</i> | 622.2 | 206.5 | 828.7 | 86.8 | 915.5 | 9.5 | 63.8 |
| South and East Moreton | 126.2 | 47.2 | 173.5 | 20.5 | 194.0 | 10.6 | 65.6 |
| North and West Moreton | 72.0 | 28.7 | 100.7 | 11.6 | 112.4 | 10.4 | 56.5 |
| Wide Bay-Burnett | 54.1 | 23.1 | 77.3 | 15.7 | 93.0 | 16.9 | 57.3 |
| Darling Downs and South-West | 94.0 | 24.9 | 118.9 | 9.5 | 128.4 | 7.4 | 65.7 |
| Mackay, Fitzroy and Central-West | 112.9 | 31.5 | 144.4 | 15.4 | 159.8 | 9.6 | 62.5 |
| Northern and North-West | 85.8 | 26.5 | 112.2 | 8.6 | 120.9 | 7.2 | 70.0 |
| Far North | 77.1 | 24.6 | 101.6 | 5.4 | 107.1 | 5.1 | 69.7 |
| Queensland | 1,182.6 | 382.6 | 1,565.2 | 160.7 | 1,725.9 | 9.3 | 65.3 |

TABLE 5 — LABOUR FORCE STATUS: STATISTICAL REGIONS, QUEENSLAND, JANUARY 1997

| Region | Employed | | | Unemployed '000 | Labour force '000 | Unem- ployment rate % | Partici- pation rate % |
|----------------------------------|-------------------|-------------------|----------------|--------------------|-------------------------|--------------------------------|---------------------------------|
| | Full-time '000 | Part-time '000 | Total '000 | | | | |
| MALES | | | | | | | |
| <i>Brisbane</i> | 351.7 | 47.0 | 398.7 | 52.2 | 450.9 | 11.6 | 75.9 |
| Brisbane City Inner Ring | 95.5 | 12.4 | 107.9 | 10.3 | 118.2 | 8.7 | 77.7 |
| Brisbane City Outer Ring | 102.4 | 18.6 | 121.1 | 14.9 | 136.0 | 11.0 | 74.5 |
| South and East BSD Balance | 60.7 | 6.4 | 67.1 | 12.2 | 79.2 | 15.4 | 75.8 |
| North and West BSD Balance | 93.0 | 9.6 | 102.6 | 14.8 | 117.4 | 12.6 | 75.9 |
| <i>Balance of Queensland</i> | 419.2 | 52.3 | 471.6 | 56.9 | 528.5 | 10.8 | 73.5 |
| South and East Moreton | 83.8 | 13.3 | 97.1 | 13.4 | 110.5 | 12.2 | 75.0 |
| North and West Moreton | 47.9 | 9.3 | 57.2 | 8.5 | 65.7 | 13.0 | 66.8 |
| Wide Bay-Burnett | 39.2 | 4.8 | 44.0 | 9.1 | 53.0 | 17.1 | 64.7 |
| Darling Downs and South-West | 65.6 | 6.1 | 71.7 | 4.7 | 76.4 | 6.1 | 77.7 |
| Mackay, Fitzroy and Central-West | 75.3 | 7.9 | 83.2 | 9.1 | 92.3 | 9.9 | 73.2 |
| Northern and North-West | 56.9 | 5.2 | 62.1 | 6.8 | 68.9 | 9.9 | 78.2 |
| Far North | 50.7 | 5.6 | 56.3 | 5.3 | 61.6 | 8.6 | 78.6 |
| Queensland | 770.9 | 99.3 | 870.2 | 109.1 | 979.3 | 11.1 | 74.6 |
| FEMALES | | | | | | | |
| <i>Brisbane</i> | 187.7 | 117.5 | 305.2 | 34.7 | 339.9 | 10.2 | 55.0 |
| Brisbane City Inner Ring | 61.2 | 25.6 | 86.7 | 7.9 | 94.6 | 8.4 | 61.6 |
| Brisbane City Outer Ring | 55.2 | 40.3 | 95.5 | 11.3 | 106.8 | 10.6 | 55.7 |
| South and East BSD Balance | 28.8 | 19.2 | 47.9 | 6.9 | 54.9 | 12.6 | 50.3 |
| North and West BSD Balance | 42.6 | 32.4 | 75.0 | 8.6 | 83.6 | 10.3 | 51.1 |
| <i>Balance of Queensland</i> | 187.4 | 150.2 | 337.5 | 42.6 | 380.1 | 11.2 | 52.9 |
| South and East Moreton | 41.9 | 33.9 | 75.8 | 7.9 | 83.6 | 9.4 | 53.8 |
| North and West Moreton | 20.1 | 22.2 | 42.3 | 5.6 | 47.9 | 11.7 | 47.4 |
| Wide Bay-Burnett | 16.3 | 15.8 | 32.1 | 5.0 | 37.1 | 13.4 | 45.5 |
| Darling Downs and South-West | 27.8 | 19.4 | 47.3 | 5.1 | 52.4 | 9.7 | 55.6 |
| Mackay, Fitzroy and Central-West | 30.1 | 24.5 | 54.5 | 8.9 | 63.5 | 14.1 | 50.3 |
| Northern and North-West | 25.5 | 19.0 | 44.5 | 5.9 | 50.4 | 11.7 | 58.8 |
| Far North | 25.6 | 15.4 | 41.0 | 4.2 | 45.2 | 9.3 | 60.9 |
| Queensland | 375.1 | 267.7 | 642.8 | 77.3 | 720.0 | 10.7 | 53.9 |
| PERSONS | | | | | | | |
| <i>Brisbane</i> | 539.4 | 164.5 | 703.9 | 86.9 | 790.8 | 11.0 | 65.2 |
| Brisbane City Inner Ring | 156.7 | 37.9 | 194.7 | 18.2 | 212.9 | 8.6 | 69.6 |
| Brisbane City Outer Ring | 157.6 | 59.0 | 216.6 | 26.2 | 242.8 | 10.8 | 64.9 |
| South and East BSD Balance | 89.5 | 25.6 | 115.0 | 19.1 | 134.1 | 14.2 | 62.8 |
| North and West BSD Balance | 135.6 | 42.1 | 177.6 | 23.4 | 201.0 | 11.6 | 63.1 |
| <i>Balance of Queensland</i> | 606.6 | 202.5 | 809.1 | 99.5 | 908.6 | 11.0 | 63.2 |
| South and East Moreton | 125.7 | 47.2 | 172.8 | 21.3 | 194.1 | 11.0 | 64.1 |
| North and West Moreton | 68.0 | 31.5 | 99.5 | 14.1 | 113.7 | 12.4 | 56.9 |
| Wide Bay-Burnett | 55.5 | 20.6 | 76.1 | 14.0 | 90.1 | 15.6 | 55.1 |
| Darling Downs and South-West | 93.4 | 25.5 | 119.0 | 9.8 | 128.7 | 7.6 | 66.8 |
| Mackay, Fitzroy and Central-West | 105.3 | 32.4 | 137.7 | 18.1 | 155.8 | 11.6 | 61.7 |
| Northern and North-West | 82.4 | 24.2 | 106.6 | 12.7 | 119.3 | 10.6 | 68.7 |
| Far North | 76.3 | 21.0 | 97.4 | 9.5 | 106.9 | 8.9 | 70.0 |
| Queensland | 1,146.0 | 367.0 | 1,513.0 | 186.4 | 1,699.4 | 11.0 | 64.1 |

TABLE 6 — LABOUR FORCE STATUS: STATISTICAL REGIONS, QUEENSLAND, FEBRUARY 1997

| Region | Employed | | | Unemployed '000 | Labour force '000 | Unem- ployment rate % | Partici- pation rate % |
|----------------------------------|-------------------|-------------------|----------------|--------------------|-------------------------|--------------------------------|---------------------------------|
| | Full-time '000 | Part-time '000 | Total '000 | | | | |
| MALES | | | | | | | |
| <i>Brisbane</i> | 357.1 | 45.4 | 402.6 | 48.1 | 450.7 | 10.7 | 75.7 |
| Brisbane City Inner Ring | 97.2 | 12.9 | 110.1 | 9.8 | 119.9 | 8.2 | 77.8 |
| Brisbane City Outer Ring | 108.6 | 16.9 | 125.4 | 14.2 | 139.6 | 10.2 | 74.9 |
| South and East BSD Balance | 61.0 | 6.9 | 67.9 | 10.2 | 78.1 | 13.1 | 75.2 |
| North and West BSD Balance | 90.3 | 8.8 | 99.1 | 13.9 | 113.0 | 12.3 | 75.0 |
| <i>Balance of Queensland</i> | 416.8 | 51.6 | 468.4 | 57.6 | 526.0 | 11.0 | 73.1 |
| South and East Moreton | 80.0 | 14.5 | 94.5 | 12.7 | 107.2 | 11.9 | 73.5 |
| North and West Moreton | 51.1 | 8.1 | 59.2 | 10.0 | 69.2 | 14.5 | 69.3 |
| Wide Bay-Burnett | 39.6 | 3.9 | 43.5 | 10.4 | 53.9 | 19.2 | 63.7 |
| Darling Downs and South-West | 64.4 | 5.1 | 69.5 | 3.3 | 72.8 | 4.6 | 74.8 |
| Mackay, Fitzroy and Central-West | 72.1 | 8.0 | 80.1 | 7.9 | 88.0 | 9.0 | 73.0 |
| Northern and North-West | 57.2 | 5.3 | 62.5 | 7.2 | 69.7 | 10.3 | 78.2 |
| Far North | 52.4 | 6.8 | 59.2 | 6.1 | 65.3 | 9.4 | 78.8 |
| Queensland | 773.9 | 97.1 | 871.0 | 105.7 | 976.7 | 10.8 | 74.3 |
| FEMALES | | | | | | | |
| <i>Brisbane</i> | 187.6 | 135.1 | 322.6 | 36.0 | 358.7 | 10.0 | 57.9 |
| Brisbane City Inner Ring | 59.8 | 29.0 | 88.8 | 7.5 | 96.3 | 7.8 | 62.1 |
| Brisbane City Outer Ring | 56.2 | 44.2 | 100.3 | 10.7 | 111.0 | 9.6 | 57.4 |
| South and East BSD Balance | 28.9 | 24.5 | 53.4 | 6.4 | 59.8 | 10.7 | 54.5 |
| North and West BSD Balance | 42.7 | 37.4 | 80.1 | 11.4 | 91.5 | 12.5 | 56.9 |
| <i>Balance of Queensland</i> | 189.1 | 158.0 | 347.0 | 42.7 | 389.7 | 11.0 | 54.1 |
| South and East Moreton | 40.6 | 35.8 | 76.4 | 7.6 | 84.0 | 9.0 | 55.5 |
| North and West Moreton | 19.5 | 24.9 | 44.4 | 9.2 | 53.6 | 17.1 | 51.3 |
| Wide Bay-Burnett | 18.6 | 15.4 | 34.1 | 5.8 | 39.8 | 14.5 | 47.4 |
| Darling Downs and South-West | 26.6 | 21.7 | 48.3 | 4.7 | 53.0 | 8.9 | 55.8 |
| Mackay, Fitzroy and Central-West | 31.6 | 27.4 | 59.0 | 8.7 | 67.7 | 12.9 | 53.2 |
| Northern and North-West | 27.4 | 15.6 | 43.0 | 2.9 | 45.9 | 6.2 | 54.6 |
| Far North | 24.7 | 17.1 | 41.8 | 3.9 | 45.7 | 8.5 | 61.8 |
| Queensland | 376.6 | 293.1 | 669.7 | 78.7 | 748.4 | 10.5 | 55.9 |
| PERSONS | | | | | | | |
| <i>Brisbane</i> | 544.7 | 180.5 | 725.2 | 84.1 | 809.3 | 10.4 | 66.7 |
| Brisbane City Inner Ring | 157.1 | 41.9 | 198.9 | 17.3 | 216.2 | 8.0 | 69.9 |
| Brisbane City Outer Ring | 164.7 | 61.0 | 225.8 | 24.9 | 250.7 | 9.9 | 66.0 |
| South and East BSD Balance | 89.9 | 31.4 | 121.3 | 16.7 | 137.9 | 12.1 | 64.6 |
| North and West BSD Balance | 133.0 | 46.2 | 179.2 | 25.3 | 204.5 | 12.4 | 65.7 |
| <i>Balance of Queensland</i> | 605.8 | 209.6 | 815.4 | 100.4 | 915.8 | 11.0 | 63.6 |
| South and East Moreton | 120.7 | 50.3 | 170.9 | 20.3 | 191.2 | 10.6 | 64.4 |
| North and West Moreton | 70.6 | 33.0 | 103.6 | 19.2 | 122.8 | 15.6 | 60.1 |
| Wide Bay-Burnett | 58.3 | 19.3 | 77.6 | 16.1 | 93.7 | 17.2 | 55.5 |
| Darling Downs and South-West | 91.0 | 26.8 | 117.8 | 8.0 | 125.8 | 6.4 | 65.4 |
| Mackay, Fitzroy and Central-West | 103.7 | 35.4 | 139.1 | 16.6 | 155.7 | 10.7 | 62.9 |
| Northern and North-West | 84.6 | 20.9 | 105.5 | 10.1 | 115.6 | 8.7 | 66.7 |
| Far North | 77.1 | 23.9 | 101.0 | 10.0 | 111.0 | 9.0 | 70.8 |
| Queensland | 1,150.5 | 390.1 | 1,540.6 | 184.5 | 1,725.1 | 10.7 | 65.0 |

TABLE 7 — LABOUR FORCE STATUS: AGE BY MAJOR STATISTICAL REGION, QUEENSLAND, FEBRUARY 1997

| Age group (years) | Employed | | | Unemployed '000 | Labour force '000 | Unem- ployment rate % | Partici- pation rate % |
|-----------------------------------|-------------------|-------------------|----------------|--------------------|-------------------------|--------------------------------|---------------------------------|
| | Full-time '000 | Part-time '000 | Total '000 | | | | |
| BRISBANE MAJOR STATISTICAL REGION | | | | | | | |
| 15-24 | 89.9 | 58.6 | 148.5 | 36.0 | 184.4 | 19.5 | 74.6 |
| 15-19 | 19.4 | 34.8 | 54.2 | 18.7 | 72.9 | 25.6 | 63.8 |
| 20-24 | 70.5 | 23.8 | 94.2 | 17.3 | 111.5 | 15.5 | 83.8 |
| 25-44 | 288.3 | 69.6 | 358.0 | 34.8 | 392.8 | 8.9 | 81.8 |
| 45 and over | 166.5 | 52.3 | 218.8 | 13.3 | 232.1 | 5.7 | 47.7 |
| Total | 544.7 | 180.5 | 725.2 | 84.1 | 809.3 | 10.4 | 66.7 |
| BALANCE OF QUEENSLAND | | | | | | | |
| 15-24 | 102.3 | 55.4 | 157.7 | 34.6 | 192.4 | 18.0 | 73.0 |
| 15-19 | 29.3 | 32.8 | 62.1 | 19.7 | 81.8 | 24.1 | 62.1 |
| 20-24 | 73.0 | 22.6 | 95.6 | 14.9 | 110.5 | 13.5 | 83.8 |
| 25-44 | 309.0 | 91.6 | 400.7 | 45.7 | 446.4 | 10.2 | 80.1 |
| 45 and over | 194.5 | 62.5 | 257.0 | 20.1 | 277.1 | 7.2 | 44.7 |
| Total | 605.8 | 209.6 | 815.4 | 100.4 | 915.8 | 11.0 | 63.6 |
| QUEENSLAND | | | | | | | |
| 15-24 | 192.2 | 114.0 | 306.2 | 70.6 | 376.8 | 18.7 | 73.7 |
| 15-19 | 48.7 | 67.6 | 116.4 | 38.4 | 154.7 | 24.8 | 62.9 |
| 20-24 | 143.4 | 46.4 | 189.8 | 32.2 | 222.1 | 14.5 | 83.8 |
| 25-44 | 597.4 | 161.3 | 758.6 | 80.5 | 839.2 | 9.6 | 80.9 |
| 45 and over | 361.0 | 114.8 | 475.8 | 33.4 | 509.2 | 6.6 | 46.0 |
| Total | 1,150.5 | 390.1 | 1,540.6 | 184.5 | 1,725.1 | 10.7 | 65.0 |

UNEMPLOYMENT RATE BY AGE, QUEENSLAND

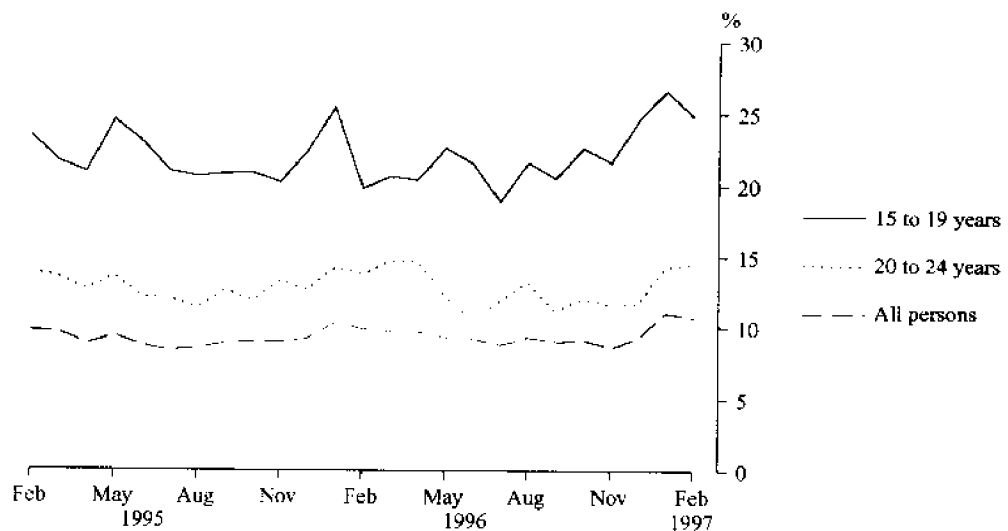


TABLE 8 — LABOUR FORCE STATUS: PERSONS AGED 15 TO 19 YEARS BY FULL-TIME ATTENDANCE AT AN EDUCATIONAL INSTITUTION, QUEENSLAND, FEBRUARY 1997

| Sex | Employed | | | Unemployed | Labour force | Not in labour force | Civilian population aged 15 to 19 years | Unemployment rate | Participation rate |
|---|--------------|-------------|--------------|-------------|--------------|---------------------|---|-------------------|--------------------|
| | Full-time | Part-time | Total | | | | | | |
| | '000 | '000 | '000 | '000 | '000 | '000 | '000 | % | % |
| ATTENDING NEITHER SCHOOL NOR A TERTIARY EDUCATIONAL INSTITUTION FULL-TIME | | | | | | | | | |
| Males | 29.4 | 8.2 | 37.6 | 13.1 | 50.7 | 4.1 | 54.8 | 25.8 | 92.5 |
| Females | 16.6 | 8.3 | 24.9 | 8.6 | 33.4 | 6.7 | 40.1 | 25.7 | 83.4 |
| Persons | 45.9 | 16.5 | 62.5 | 21.7 | 84.1 | 10.8 | 94.9 | 25.8 | 88.6 |
| ATTENDING A TERTIARY EDUCATIONAL INSTITUTION FULL-TIME | | | | | | | | | |
| Males | * 0.5 | 9.3 | 9.8 | * 2.4 | 12.2 | 9.1 | 21.3 | * 19.6 | 57.2 |
| Females | * 1.6 | 14.4 | 16.0 | 4.5 | 20.5 | 11.1 | 31.6 | 21.8 | 64.9 |
| Persons | * 2.1 | 23.7 | 25.8 | 6.9 | 32.6 | 20.2 | 52.8 | 21.0 | 61.8 |
| ATTENDING SCHOOL | | | | | | | | | |
| Males | * 0.3 | 11.4 | 11.6 | 4.2 | 15.9 | 34.4 | 50.3 | 26.6 | 31.6 |
| Females | * 0.4 | 16.1 | 16.5 | 5.6 | 22.1 | 25.9 | 48.0 | 25.4 | 46.0 |
| Persons | * 0.7 | 27.4 | 28.1 | 9.8 | 38.0 | 60.3 | 98.3 | 25.9 | 38.6 |
| TOTAL | | | | | | | | | |
| Males | 30.1 | 28.9 | 59.0 | 19.7 | 78.7 | 47.6 | 126.3 | 25.0 | 62.3 |
| Females | 18.6 | 38.7 | 57.4 | 18.7 | 76.0 | 43.7 | 119.7 | 24.6 | 63.5 |
| Persons | 48.7 | 67.6 | 116.4 | 38.4 | 154.7 | 91.3 | 246.0 | 24.8 | 62.9 |

TABLE 9 — LABOUR FORCE STATUS: PERSONS AGED 20 TO 24 YEARS BY FULL-TIME ATTENDANCE AT A TERTIARY INSTITUTION, QUEENSLAND, FEBRUARY 1997

| Sex | Employed | | | Unemployed | Labour force | Not in labour force | Civilian population aged 20 to 24 years | Unemployment rate | Participation rate |
|--|--------------|-------------|--------------|--------------|--------------|---------------------|---|-------------------|--------------------|
| | Full-time | Part-time | Total | | | | | | |
| | '000 | '000 | '000 | '000 | '000 | '000 | '000 | % | % |
| NOT ATTENDING A TERTIARY EDUCATIONAL INSTITUTION FULL-TIME | | | | | | | | | |
| Males | 82.9 | 12.4 | 95.3 | 19.1 | 114.4 | 5.5 | 119.9 | 16.7 | 95.4 |
| Females | 56.7 | 22.9 | 79.6 | 10.3 | 89.9 | 22.5 | 112.4 | 11.5 | 80.0 |
| Persons | 139.6 | 35.3 | 174.9 | 29.4 | 204.3 | 28.1 | 232.3 | 14.4 | 87.9 |
| ATTENDING A TERTIARY EDUCATIONAL INSTITUTION FULL-TIME | | | | | | | | | |
| Males | * 1.6 | 3.9 | 5.4 | * 1.2 | 6.7 | 8.1 | 14.8 | * 18.5 | 45.2 |
| Females | * 2.3 | 7.2 | 9.5 | * 1.6 | 11.1 | 6.6 | 17.7 | * 14.2 | 62.6 |
| Persons | 3.8 | 11.1 | 15.0 | * 2.8 | 17.8 | 14.7 | 32.5 | * 15.8 | 54.7 |
| TOTAL | | | | | | | | | |
| Males | 84.5 | 16.3 | 100.7 | 20.3 | 121.1 | 13.7 | 134.7 | 16.8 | 89.9 |
| Females | 59.0 | 30.1 | 89.1 | 11.9 | 101.0 | 29.2 | 130.2 | 11.8 | 77.6 |
| Persons | 143.4 | 46.4 | 189.8 | 32.2 | 222.1 | 42.8 | 264.9 | 14.5 | 83.8 |

TABLE 10 — EMPLOYED PERSONS: FULL-TIME OR PART-TIME STATUS, QUEENSLAND

| Month | Females | | | | | | | | | | | |
|--------------|-----------|-----------|-----------|-----------|-----------|-----------|-------------|-----------|-----------|-----------|---------|--|
| | Males | | Married | | | | Not married | | Total | | Persons | |
| | Full-time | Part-time | Full-time | Part-time | Full-time | Part-time | Full-time | Part-time | Full-time | Part-time | | |
| '000 | | | | | | | | | | | | |
| 1995 — | | | | | | | | | | | | |
| December | 781.8 | 94.5 | 217.5 | 192.7 | 159.6 | 97.5 | 377.1 | 290.2 | 1,158.9 | 384.7 | | |
| 1996 — | | | | | | | | | | | | |
| January | 770.5 | 85.5 | 222.9 | 171.2 | 158.4 | 83.2 | 381.3 | 254.4 | 1,151.9 | 339.9 | | |
| February | 780.9 | 90.8 | 228.1 | 180.9 | 146.5 | 86.6 | 374.6 | 267.6 | 1,155.5 | 358.4 | | |
| March | 774.7 | 97.3 | 224.3 | 182.6 | 143.4 | 91.8 | 367.7 | 274.5 | 1,142.3 | 371.8 | | |
| April | 778.6 | 97.6 | 221.4 | 182.9 | 141.0 | 93.7 | 362.4 | 276.6 | 1,141.0 | 374.2 | | |
| May | 779.3 | 98.7 | 223.9 | 184.2 | 145.3 | 92.8 | 369.3 | 277.0 | 1,148.6 | 375.6 | | |
| June | 776.6 | 105.9 | 223.5 | 184.7 | 148.4 | 96.1 | 371.9 | 280.8 | 1,148.5 | 386.8 | | |
| July | 785.1 | 104.0 | 224.7 | 187.2 | 149.8 | 94.4 | 374.4 | 281.6 | 1,159.5 | 385.6 | | |
| August | 775.7 | 95.8 | 226.4 | 182.4 | 149.1 | 97.2 | 375.5 | 279.6 | 1,151.2 | 375.4 | | |
| September | 786.3 | 102.4 | 226.4 | 193.2 | 158.6 | 94.7 | 385.0 | 287.9 | 1,171.2 | 390.3 | | |
| October | 784.0 | 96.9 | 225.5 | 181.9 | 157.4 | 96.9 | 382.9 | 278.8 | 1,166.9 | 375.7 | | |
| November | 784.1 | 103.1 | 223.6 | 184.9 | 152.7 | 101.9 | 376.3 | 286.8 | 1,160.4 | 389.8 | | |
| December | 794.7 | 97.3 | 222.8 | 182.7 | 165.0 | 102.7 | 387.9 | 285.4 | 1,182.6 | 382.6 | | |
| 1997 — | | | | | | | | | | | | |
| January | 770.9 | 99.3 | 218.6 | 172.2 | 156.5 | 95.5 | 375.1 | 267.7 | 1,146.0 | 367.0 | | |
| February | 773.9 | 97.1 | 219.2 | 194.1 | 157.4 | 99.0 | 376.6 | 293.1 | 1,150.5 | 390.1 | | |
| PER CENT (a) | | | | | | | | | | | | |
| 1995 — | | | | | | | | | | | | |
| December | 89.2 | 10.8 | 53.0 | 47.0 | 62.1 | 37.9 | 56.5 | 43.5 | 75.1 | 24.9 | | |
| 1996 — | | | | | | | | | | | | |
| January | 90.0 | 10.0 | 56.6 | 43.4 | 65.6 | 34.4 | 60.0 | 40.0 | 77.2 | 22.8 | | |
| February | 89.6 | 10.4 | 55.8 | 44.2 | 62.8 | 37.2 | 58.3 | 41.7 | 76.3 | 23.7 | | |
| March | 88.8 | 11.2 | 55.1 | 44.9 | 60.9 | 39.1 | 57.3 | 42.7 | 75.4 | 24.6 | | |
| April | 88.9 | 11.1 | 54.8 | 45.2 | 60.1 | 39.9 | 56.7 | 43.3 | 75.3 | 24.7 | | |
| May | 88.8 | 11.2 | 54.9 | 45.1 | 61.0 | 39.0 | 57.1 | 42.9 | 75.4 | 24.6 | | |
| June | 88.0 | 12.0 | 54.7 | 45.3 | 60.7 | 39.3 | 57.0 | 43.0 | 74.8 | 25.2 | | |
| July | 88.3 | 11.7 | 54.5 | 45.5 | 61.3 | 38.7 | 57.1 | 42.9 | 75.0 | 25.0 | | |
| August | 89.0 | 11.0 | 55.4 | 44.6 | 60.5 | 39.5 | 57.3 | 42.7 | 75.4 | 24.6 | | |
| September | 88.5 | 11.5 | 53.9 | 46.1 | 62.6 | 37.4 | 57.2 | 42.8 | 75.0 | 25.0 | | |
| October | 89.0 | 11.0 | 55.3 | 44.7 | 61.9 | 38.1 | 57.9 | 42.1 | 75.6 | 24.4 | | |
| November | 88.4 | 11.6 | 54.7 | 45.3 | 60.0 | 40.0 | 56.8 | 43.2 | 74.9 | 25.1 | | |
| December | 89.1 | 10.9 | 55.0 | 45.0 | 61.6 | 38.4 | 57.6 | 42.4 | 75.6 | 24.4 | | |
| 1997 — | | | | | | | | | | | | |
| January | 88.6 | 11.4 | 55.9 | 44.1 | 62.1 | 37.9 | 58.4 | 41.6 | 75.7 | 24.3 | | |
| February | 88.9 | 11.1 | 53.0 | 47.0 | 61.4 | 38.6 | 56.2 | 43.8 | 74.7 | 25.3 | | |

(a) Full-time and part-time as a proportion of employed persons in each category.

**TABLE 11 — EMPLOYED PERSONS: AVERAGE HOURS WORKED BY STATUS IN EMPLOYMENT,
INDUSTRY DIVISION AND OCCUPATION GROUP (a),
QUEENSLAND, FEBRUARY 1997**

| <i>Status in employment, industry division and occupation group</i> | <i>Females</i> | | | <i>Total</i> | <i>Persons</i> |
|---|----------------|----------------|--------------------|--------------|----------------|
| | <i>Males</i> | <i>Married</i> | <i>Not married</i> | | |
| Status in employment | | | | | |
| Employers | 55.0 | 35.8 | 43.2 | 36.5 | 48.3 |
| Own account workers | 44.2 | 24.8 | 38.0 | 26.6 | 37.6 |
| Employees | 40.2 | 30.2 | 30.2 | 30.2 | 35.8 |
| Contributing family workers | 24.7 | 18.2 | 21.8 | 19.6 | 21.7 |
| Industry division | | | | | |
| Agriculture, forestry and fishing | 48.2 | 26.3 | 33.0 | 27.7 | 42.0 |
| Mining | 47.0 | * 40.7 | * 37.8 | * 39.5 | 46.3 |
| Manufacturing | 41.1 | 31.6 | 35.9 | 33.0 | 39.2 |
| Electricity, gas and water supply | 38.1 | * 37.9 | * 0.0 | * 37.9 | 38.0 |
| Construction | 41.5 | 16.7 | 31.1 | 18.7 | 37.4 |
| Wholesale trade | 43.9 | 29.9 | 33.3 | 31.1 | 40.3 |
| Retail trade | 39.6 | 30.2 | 23.1 | 26.8 | 32.6 |
| Accommodation, cafes and restaurants | 38.3 | 36.5 | 26.9 | 31.4 | 34.4 |
| Transport and storage | 41.7 | 25.1 | 35.3 | 29.7 | 39.1 |
| Communication services | 42.3 | 28.7 | 37.7 | 32.5 | 39.0 |
| Finance and insurance | 41.3 | 32.0 | 34.2 | 32.6 | 36.4 |
| Property and business services | 42.7 | 28.0 | 35.9 | 31.2 | 37.4 |
| Government administration and defence | 38.3 | 34.3 | 34.5 | 34.4 | 36.8 |
| Education | 38.9 | 33.1 | 37.6 | 34.4 | 35.9 |
| Health and community services | 38.6 | 28.7 | 32.0 | 29.8 | 31.8 |
| Cultural and recreational services | 39.0 | 29.7 | 27.9 | 28.8 | 33.7 |
| Personal and other services | 42.1 | 27.7 | 31.1 | 29.2 | 35.2 |
| Occupation group | | | | | |
| Managers and administrators | 52.2 | 34.4 | 45.8 | 36.4 | 48.1 |
| Professionals | 43.7 | 32.9 | 37.7 | 34.4 | 39.1 |
| Associate professionals | 48.0 | 39.9 | 43.3 | 41.0 | 45.3 |
| Tradespersons and related workers | 41.8 | 33.7 | 33.5 | 33.6 | 41.1 |
| Advanced clerical and service workers | 38.3 | 24.3 | 35.6 | 26.6 | 27.8 |
| Intermediate clerical, sales and service workers | 38.4 | 28.9 | 30.3 | 29.5 | 32.0 |
| Intermediate production and transport workers | 39.8 | 26.8 | 26.6 | 26.7 | 38.3 |
| Elementary clerical, sales and service workers | 29.8 | 25.7 | 22.0 | 23.6 | 25.7 |
| Labourers and related workers | 34.1 | 22.4 | 23.9 | 23.0 | 30.0 |
| Full-time workers | 44.7 | 41.3 | 39.8 | 40.7 | 43.4 |
| Part-time workers | 15.5 | 16.7 | 15.6 | 16.3 | 16.1 |
| Total | 41.5 | 29.7 | 30.5 | 30.0 | 36.5 |

(a) Use of ASCO Second Edition commenced August quarter 1996.

TABLE 12 — EMPLOYED PERSONS: STATUS IN EMPLOYMENT, INDUSTRY DIVISION AND OCCUPATION GROUP (a), QUEENSLAND, FEBRUARY 1997
(*000)

| Particulars | Males | Females | | | Persons |
|--|--------------|--------------|--------------|--------------|----------------|
| | | Married | Not married | Total | |
| Status in employment | | | | | |
| Employers | 49.9 | 25.7 | * 2.6 | 28.3 | 78.1 |
| Own account workers | 105.8 | 54.9 | 8.4 | 63.3 | 169.1 |
| Employees | 710.2 | 328.3 | 242.5 | 570.8 | 1,281.1 |
| Contributing family workers | 5.0 | 4.4 | * 2.8 | 7.3 | 12.3 |
| Industry division | | | | | |
| Agriculture, forestry and fishing | 62.3 | 21.7 | 5.4 | 27.1 | 89.3 |
| Mining | 13.8 | * 0.9 | * 0.6 | * 1.5 | 15.3 |
| Manufacturing | 131.9 | 27.3 | 12.7 | 39.9 | 171.8 |
| Electricity, gas and water supply | 10.5 | * 1.5 | * 0.0 | * 1.5 | 12.0 |
| Construction | 104.3 | 19.7 | * 3.1 | 22.8 | 127.1 |
| Wholesale trade | 63.2 | 15.9 | 8.2 | 24.1 | 87.3 |
| Retail trade | 113.1 | 69.2 | 65.0 | 134.2 | 247.3 |
| Accommodation, cafes and restaurants | 39.2 | 23.1 | 26.2 | 49.3 | 88.6 |
| Transport and storage | 71.3 | 10.5 | 8.7 | 19.2 | 90.5 |
| Communication services | 16.9 | 4.9 | 3.5 | 8.4 | 25.3 |
| Finance and insurance | 20.1 | 18.6 | 7.0 | 25.6 | 45.7 |
| Property and business services | 75.4 | 38.8 | 26.5 | 65.3 | 140.7 |
| Government administration and defence | 40.9 | 16.7 | 8.6 | 25.3 | 66.2 |
| Education | 35.2 | 50.3 | 20.6 | 70.9 | 106.0 |
| Health and community services | 31.0 | 69.2 | 38.1 | 107.2 | 138.2 |
| Cultural and recreational services | 18.0 | 9.8 | 9.9 | 19.8 | 37.8 |
| Personal and other services | 23.8 | 15.4 | 12.4 | 27.8 | 51.6 |
| Occupation group | | | | | |
| Managers and administrators | 79.2 | 23.4 | 4.9 | 28.3 | 107.5 |
| Professionals | 116.6 | 77.8 | 37.6 | 115.4 | 232.0 |
| Associate professionals | 109.2 | 47.2 | 22.6 | 69.9 | 179.1 |
| Tradespersons and related workers | 197.9 | 9.6 | 7.6 | 17.2 | 215.1 |
| Advanced clerical and service workers | 7.6 | 53.8 | 13.4 | 67.2 | 74.8 |
| Intermediate clerical, sales and service workers | 73.4 | 107.0 | 76.7 | 183.8 | 257.2 |
| Intermediate production and transport workers | 128.2 | 9.8 | 6.2 | 16.0 | 144.2 |
| Elementary clerical, sales and service workers | 56.5 | 47.9 | 63.7 | 111.6 | 168.1 |
| Labourers and related workers | 102.2 | 36.8 | 23.5 | 60.4 | 162.6 |
| Total | 871.0 | 413.3 | 256.4 | 669.7 | 1,540.6 |

(a) Use of ASCO Second Edition commenced August quarter 1996.

TABLE 13 — EMPLOYED PERSONS: INDUSTRY DIVISION BY OCCUPATION GROUP (a), QUEENSLAND, FEBRUARY 1997
(*000)

| Industry division | Occupation group | | | | | | | | | Total |
|---------------------------------------|-----------------------------|---------------|-------------------------|-----------------------------------|---------------------------------------|---|---|---|-------------------------------|----------------|
| | Managers and administrators | Professionals | Associate professionals | Tradespersons and related workers | Advanced clerical and service workers | Intermediate clerical sales and service workers | Intermediate production and transport workers | Elementary clerical sales and service workers | Labourers and related workers | |
| Agriculture, forestry and fishing | 49.9 | * 1.4 | * 2.2 | * 1.8 | * 1.7 | * 0.9 | 5.3 | * 0.2 | 26.0 | 89.3 |
| Mining | * 0.2 | * 2.6 | * 2.0 | 4.3 | * 0.2 | * 0.6 | 5.3 | * 0.0 | * 0.0 | 15.3 |
| Manufacturing | 10.5 | 12.2 | 6.5 | 54.0 | 7.0 | 14.5 | 30.8 | 5.0 | 31.4 | 171.8 |
| Electricity, gas and water | * 0.2 | * 1.1 | * 2.9 | * 3.1 | * 0.2 | * 1.9 | * 0.9 | * 0.4 | * 1.4 | 12.0 |
| Construction | 8.4 | * 3.3 | 7.4 | 58.6 | 12.2 | 7.3 | 13.5 | * 1.1 | 15.3 | 127.1 |
| Wholesale trade | 9.4 | 7.3 | 7.3 | 10.3 | * 2.7 | 25.1 | 12.1 | 8.2 | 4.9 | 87.3 |
| Retail trade | * 3.3 | 4.7 | 39.8 | 36.3 | 7.4 | 21.9 | 17.9 | 99.5 | 16.7 | 247.3 |
| Accommodation, cafes and restaurants | * 0.8 | * 0.9 | 22.1 | 7.6 | * 1.5 | 28.6 | * 0.5 | 11.2 | 15.4 | 88.6 |
| Transport and storage | * 2.6 | 4.1 | 4.9 | 6.2 | 4.7 | 13.1 | 42.6 | 5.5 | 6.7 | 90.5 |
| Communication services | * 0.6 | * 1.5 | 4.3 | 4.4 | * 0.0 | 3.5 | * 3.1 | 7.6 | * 0.2 | 25.3 |
| Finance and insurance | * 1.9 | * 3.4 | 9.8 | * 0.0 | 7.9 | 21.7 | * 0.2 | * 0.5 | * 0.3 | 45.7 |
| Property and business services | 5.2 | 41.0 | 27.2 | 5.8 | 17.4 | 15.7 | * 2.8 | 11.1 | 14.5 | 140.7 |
| Government administration and defence | 3.7 | 14.4 | 9.1 | 4.0 | * 2.9 | 21.0 | 4.7 | * 1.9 | 4.4 | 66.2 |
| Education | 4.2 | 62.7 | 4.0 | * 2.0 | * 3.4 | 20.2 | * 0.4 | * 3.4 | 5.7 | 106.0 |
| Health and community services | 4.1 | 54.6 | 12.8 | 3.7 | * 2.8 | 44.4 | * 1.5 | * 2.6 | 11.7 | 138.2 |
| Cultural and recreational services | * 1.7 | 9.9 | 6.5 | 3.9 | * 1.1 | 7.5 | * 0.9 | 4.5 | * 1.7 | 37.8 |
| Personal and other services | * 0.7 | 7.0 | 10.2 | 9.2 | * 1.7 | 9.3 | * 2.0 | 5.5 | 6.1 | 51.6 |
| Total | 107.5 | 232.0 | 179.1 | 215.1 | 74.8 | 257.2 | 144.2 | 168.1 | 162.6 | 1,540.6 |

(a) Use of ASCO Second Edition commenced August quarter 1996.

TABLE 14— UNEMPLOYED PERSONS: DURATION OF UNEMPLOYMENT, BRISBANE MAJOR STATISTICAL REGION

| Duration of unemployment | 1995 | | 1996 | | 1997 | |
|---------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | December | January | February | December | January | February |
| MALES | | | | | | |
| | '000 | '000 | '000 | '000 | '000 | '000 |
| Unemployed | | | | | | |
| Under 4 weeks | 8.8 | 10.4 | 6.6 | 9.8 | 10.5 | 8.0 |
| 4 and under 8 weeks | 6.1 | 8.3 | 6.9 | 5.6 | 10.5 | 7.8 |
| 8 and under 13 weeks | * 3.1 | 4.0 | 5.3 | 3.9 | 5.6 | 7.0 |
| 13 and under 26 weeks | 6.5 | 5.6 | 5.2 | 4.3 | 4.4 | 5.6 |
| 26 and under 52 weeks | 8.1 | 7.7 | 6.0 | 8.3 | 10.0 | 8.1 |
| 52 weeks and over | 8.9 | 12.2 | 7.7 | 11.5 | 11.2 | 11.7 |
| Total | 41.5 | 48.2 | 37.8 | 43.5 | 52.2 | 48.1 |
| | weeks | weeks | weeks | weeks | weeks | weeks |
| Median duration of unemployment | 15 | 15 | 12 | 18 | 11 | 14 |
| FEMALES | | | | | | |
| | '000 | '000 | '000 | '000 | '000 | '000 |
| Unemployed | | | | | | |
| Under 4 weeks | 9.1 | 6.9 | 7.1 | 6.8 | 9.3 | 9.1 |
| 4 and under 8 weeks | * 2.6 | 7.8 | 5.3 | 5.7 | 7.3 | 8.0 |
| 8 and under 13 weeks | * 2.9 | * 3.1 | 3.6 | 3.9 | * 3.2 | * 3.2 |
| 13 and under 26 weeks | 3.5 | 4.1 | 3.7 | * 2.3 | * 2.5 | 5.0 |
| 26 and under 52 weeks | * 3.1 | * 3.1 | 4.6 | 5.8 | 5.0 | * 3.2 |
| 52 weeks and over | 5.4 | 6.2 | 6.1 | 5.9 | 7.4 | 7.5 |
| Total | 26.6 | 31.2 | 30.4 | 30.4 | 34.7 | 36.0 |
| | weeks | weeks | weeks | weeks | weeks | weeks |
| Median duration of unemployment | 9 | 8 | 11 | 10 | 8 | 9 |
| PERSONS | | | | | | |
| | '000 | '000 | '000 | '000 | '000 | '000 |
| Unemployed | | | | | | |
| Under 4 weeks | 17.9 | 17.3 | 13.8 | 16.6 | 19.8 | 17.1 |
| 4 and under 8 weeks | 8.7 | 16.1 | 12.2 | 11.3 | 17.9 | 15.7 |
| 8 and under 13 weeks | 6.0 | 7.1 | 8.9 | 7.8 | 8.8 | 10.2 |
| 13 and under 26 weeks | 10.0 | 9.7 | 8.8 | 6.6 | 6.8 | 10.6 |
| 26 and under 52 weeks | 11.2 | 10.8 | 10.6 | 14.1 | 15.0 | 11.3 |
| 52 weeks and over | 14.3 | 18.5 | 13.8 | 17.4 | 18.6 | 19.2 |
| Total | 68.1 | 79.4 | 68.2 | 73.9 | 86.9 | 84.1 |
| | weeks | weeks | weeks | weeks | weeks | weeks |
| Median duration of unemployment | 13 | 12 | 12 | 14 | 10 | 12 |

TABLE 15 — UNEMPLOYED PERSONS: DURATION OF UNEMPLOYMENT, BALANCE OF QUEENSLAND

| Duration of unemployment | 1995 | | 1996 | | 1997 | |
|---------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | December | January | February | December | January | February |
| MALES | | | | | | |
| | '000 | '000 | '000 | '000 | '000 | '000 |
| Unemployed | | | | | | |
| Under 4 weeks | 10.8 | 11.8 | 7.6 | 9.3 | 9.3 | 7.3 |
| 4 and under 8 weeks | 5.2 | 8.5 | 7.4 | 9.3 | 10.9 | 7.8 |
| 8 and under 13 weeks | 6.4 | 6.6 | 6.1 | 3.5 | 7.8 | 9.3 |
| 13 and under 26 weeks | 8.5 | 8.2 | 9.2 | 5.0 | 6.7 | 7.2 |
| 26 and under 52 weeks | 7.7 | 6.7 | 7.6 | 8.4 | 6.6 | 9.4 |
| 52 weeks and over | 14.3 | 17.2 | 17.6 | 12.4 | 15.6 | 16.6 |
| Total | 53.0 | 59.0 | 55.5 | 48.0 | 56.9 | 57.6 |
| | <i>weeks</i> | <i>weeks</i> | <i>weeks</i> | <i>weeks</i> | <i>weeks</i> | <i>weeks</i> |
| Median duration of unemployment | 18 | 15 | 19 | 17 | 13 | 17 |
| FEMALES | | | | | | |
| | '000 | '000 | '000 | '000 | '000 | '000 |
| Unemployed | | | | | | |
| Under 4 weeks | 7.0 | 7.8 | 9.0 | 11.4 | 13.0 | 9.1 |
| 4 and under 8 weeks | 3.7 | 6.0 | 6.9 | 6.1 | 7.0 | 6.6 |
| 8 and under 13 weeks | 4.6 | 3.5 | 5.5 | 3.7 | * 3.0 | 5.3 |
| 13 and under 26 weeks | 5.8 | 6.3 | 6.5 | 5.0 | 4.7 | 5.1 |
| 26 and under 52 weeks | 3.7 | 4.4 | 4.6 | 4.6 | 4.3 | 5.1 |
| 52 weeks and over | 9.8 | 5.1 | 9.2 | 8.0 | 10.6 | 11.5 |
| Total | 34.6 | 33.1 | 41.8 | 38.8 | 42.6 | 42.7 |
| | <i>weeks</i> | <i>weeks</i> | <i>weeks</i> | <i>weeks</i> | <i>weeks</i> | <i>weeks</i> |
| Median duration of unemployment | 15 | 10 | 11 | 8 | 9 | 13 |
| PERSONS | | | | | | |
| | '000 | '000 | '000 | '000 | '000 | '000 |
| Unemployed | | | | | | |
| Under 4 weeks | 17.7 | 19.6 | 16.6 | 20.7 | 22.3 | 16.5 |
| 4 and under 8 weeks | 9.0 | 14.5 | 14.4 | 15.4 | 17.9 | 14.5 |
| 8 and under 13 weeks | 11.0 | 10.1 | 11.6 | 7.2 | 10.7 | 14.6 |
| 13 and under 26 weeks | 14.3 | 14.6 | 15.7 | 10.0 | 11.4 | 12.2 |
| 26 and under 52 weeks | 11.5 | 11.1 | 12.3 | 13.1 | 10.9 | 14.5 |
| 52 weeks and over | 24.1 | 22.3 | 26.9 | 20.4 | 26.3 | 28.1 |
| Total | 87.6 | 92.1 | 97.4 | 86.8 | 99.5 | 100.4 |
| | <i>weeks</i> | <i>weeks</i> | <i>weeks</i> | <i>weeks</i> | <i>weeks</i> | <i>weeks</i> |
| Median duration of unemployment | 17 | 14 | 16 | 13 | 12 | 16 |

TABLE 16 — UNEMPLOYED PERSONS: DURATION OF UNEMPLOYMENT, QUEENSLAND

| Duration of unemployment | 1995 | | 1996 | | 1997 | |
|---------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | December | January | February | December | January | February |
| MALES | | | | | | |
| | '000 | '000 | '000 | '000 | '000 | '000 |
| Unemployed | | | | | | |
| Under 4 weeks | 19.5 | 22.2 | 14.2 | 19.1 | 19.8 | 15.3 |
| 4 and under 8 weeks | 11.3 | 16.9 | 14.3 | 14.9 | 21.5 | 15.6 |
| 8 and under 13 weeks | 9.5 | 10.6 | 11.4 | 7.5 | 13.4 | 16.3 |
| 13 and under 26 weeks | 15.0 | 13.8 | 14.4 | 9.3 | 11.0 | 12.8 |
| 26 and under 52 weeks | 15.9 | 14.4 | 13.7 | 16.7 | 16.6 | 17.4 |
| 52 weeks and over | 23.2 | 29.4 | 25.3 | 24.0 | 26.8 | 28.4 |
| Total | 94.5 | 107.2 | 93.3 | 91.5 | 109.1 | 105.7 |
| | weeks | weeks | weeks | weeks | weeks | weeks |
| Median duration of unemployment | 17 | 15 | 17 | 17 | 12 | 16 |
| FEMALES | | | | | | |
| | '000 | '000 | '000 | '000 | '000 | '000 |
| Unemployed | | | | | | |
| Under 4 weeks | 16.1 | 14.7 | 16.1 | 18.2 | 22.3 | 18.2 |
| 4 and under 8 weeks | 6.3 | 13.7 | 12.3 | 11.8 | 14.3 | 14.6 |
| 8 and under 13 weeks | 7.5 | 6.6 | 9.1 | 7.5 | 6.1 | 8.5 |
| 13 and under 26 weeks | 9.3 | 10.4 | 10.2 | 7.3 | 7.2 | 10.1 |
| 26 and under 52 weeks | 6.9 | 7.5 | 9.2 | 10.4 | 9.3 | 8.3 |
| 52 weeks and over | 15.2 | 11.4 | 15.3 | 13.8 | 18.0 | 19.0 |
| Total | 61.2 | 64.3 | 72.2 | 69.2 | 77.3 | 78.7 |
| | weeks | weeks | weeks | weeks | weeks | weeks |
| Median duration of unemployment | 13 | 9 | 11 | 10 | 8 | 11 |
| PERSONS | | | | | | |
| | '000 | '000 | '000 | '000 | '000 | '000 |
| Unemployed | | | | | | |
| Under 4 weeks | 35.6 | 36.9 | 30.3 | 37.3 | 42.1 | 33.5 |
| 4 and under 8 weeks | 17.7 | 30.6 | 26.6 | 26.7 | 35.7 | 30.2 |
| 8 and under 13 weeks | 16.9 | 17.2 | 20.5 | 15.0 | 19.5 | 24.8 |
| 13 and under 26 weeks | 24.2 | 24.2 | 24.6 | 16.6 | 18.2 | 22.9 |
| 26 and under 52 weeks | 22.7 | 21.8 | 22.9 | 27.2 | 26.0 | 25.8 |
| 52 weeks and over | 38.4 | 40.8 | 40.6 | 37.8 | 44.8 | 47.3 |
| Total | 155.7 | 171.5 | 165.5 | 160.7 | 186.4 | 184.5 |
| | weeks | weeks | weeks | weeks | weeks | weeks |
| Median duration of unemployment | 14 | 13 | 14 | 13 | 10 | 14 |

**TABLE 17— UNEMPLOYED PERSONS AND UNEMPLOYMENT RATES: INDUSTRY DIVISION AND OCCUPATION GROUP (a)
OF LAST FULL-TIME JOB, QUEENSLAND**

| Unemployment category, industry division and occupation group | February 1996 | | May 1996 | | August 1996 | | November 1996 | | February 1997 | |
|---|---------------|------------|--------------|------------|--------------|------------|---------------|------------|---------------|-------------|
| | Number | Rate | Number | Rate | Number | Rate | Number | Rate | Number | Rate |
| | '000 | % | '000 | % | '000 | % | '000 | % | '000 | % |
| Persons who had worked full-time for 2 weeks or more in the last 2 years | 92.8 | 5.8 | 86.8 | 5.4 | 93.3 | 5.7 | 79.5 | 4.9 | 97.3 | 5.9 |
| Industry division | | | | | | | | | | |
| Agriculture, forestry and fishing | 7.9 | 8.5 | 5.2 | 5.4 | 6.1 | 6.0 | 4.2 | 4.8 | 6.3 | 6.5 |
| Manufacturing | 14.0 | 7.1 | 18.3 | 9.5 | 13.9 | 7.7 | 13.2 | 7.3 | 14.6 | 7.8 |
| Construction | 11.1 | 8.0 | 12.0 | 8.8 | 14.0 | 9.8 | 11.7 | 8.2 | 13.6 | 9.7 |
| Wholesale trade | 6.2 | 6.9 | 3.5 | 3.8 | 4.7 | 4.9 | 4.8 | 5.4 | 5.2 | 5.7 |
| Retail trade | 15.1 | 5.9 | 12.9 | 5.2 | 14.0 | 5.6 | 12.0 | 4.7 | 14.6 | 5.5 |
| Health and community services | 6.6 | 4.6 | 4.9 | 3.4 | 3.8 | 2.7 | * 3.3 | * 2.2 | 3.8 | 2.7 |
| Cultural and recreational services | * 1.1 | * 3.0 | * 2.3 | * 6.2 | * 1.6 | * 3.9 | * 2.7 | * 6.6 | * 2.9 | * 7.0 |
| Other industries | 30.7 | 4.7 | 27.9 | 4.2 | 35.2 | 5.3 | 27.4 | 4.0 | 36.3 | 5.3 |
| Occupation group | | | | | | | | | | |
| Managers and administrators | .. | .. | .. | .. | * 2.8 | * 2.4 | * 1.3 | * 1.3 | * 0.9 | * 0.8 |
| Professionals | .. | .. | .. | .. | 4.2 | 1.8 | 5.5 | 2.3 | 7.3 | 3.1 |
| Associate professionals | .. | .. | .. | .. | 6.5 | 3.8 | 4.5 | 2.6 | 6.7 | 3.6 |
| Tradespersons and related workers | .. | .. | .. | .. | 17.0 | 7.2 | 11.9 | 5.1 | 18.1 | 7.7 |
| Advanced clerical and service workers | .. | .. | .. | .. | * 2.1 | * 2.9 | * 1.0 | * 1.4 | * 3.0 | * 3.8 |
| Intermediate clerical, sales and service workers | .. | .. | .. | .. | 14.6 | 5.2 | 9.9 | 3.5 | 11.9 | 4.4 |
| Intermediate production and transport workers | .. | .. | .. | .. | 13.6 | 8.5 | 11.4 | 7.6 | 12.1 | 7.7 |
| Elementary clerical, sales and service workers | .. | .. | .. | .. | 8.2 | 4.7 | 9.2 | 5.2 | 10.8 | 6.0 |
| Labourers and related workers | .. | .. | .. | .. | 24.0 | 13.0 | 24.4 | 12.3 | 25.9 | 13.7 |
| Reason for ceasing last full-time job | | | | | | | | | | |
| Job loser | | | | | | | | | | |
| Laid off, retrenched | 32.3 | .. | 35.7 | .. | 36.0 | .. | 34.7 | .. | 39.1 | .. |
| Other | 22.7 | .. | 19.4 | .. | 25.3 | .. | 20.9 | .. | 26.4 | .. |
| Job leaver | 37.7 | .. | 31.7 | .. | 32.0 | .. | 23.9 | .. | 31.8 | .. |
| Other | | | | | | | | | | |
| Persons looking for first job | 10.1 | .. | 13.2 | .. | 11.4 | .. | 12.6 | .. | 16.7 | .. |
| Former workers | 58.2 | .. | 53.2 | .. | 48.0 | .. | 50.0 | .. | 66.4 | .. |
| Persons stood down | 4.4 | .. | 3.6 | .. | 3.7 | .. | * 3.4 | .. | 4.1 | .. |
| Total | 165.5 | 9.9 | 156.7 | 9.3 | 156.4 | 9.3 | 145.4 | 8.6 | 184.5 | 10.7 |
| Looking for full-time work | 136.6 | 10.6 | 124.2 | 9.8 | 125.4 | 9.8 | 116.4 | 9.1 | 151.5 | 11.6 |
| Looking for part-time work | 28.9 | 7.5 | 32.5 | 8.0 | 31.1 | 7.6 | 29.0 | 6.9 | 32.9 | 7.8 |

(a) Use of ASCO Second Edition commenced August quarter 1996.

SPECIAL SURVEYS DATA

Although emphasis in the population survey is placed on the regular collection of demographic and labour force characteristics data, supplementary and special surveys of particular aspects of the labour force are carried out from time to time. The results of these surveys on labour force and related topics are published separately as shown below. All publications refer to Australia.

| <i>Title of publication</i> | <i>Latest data</i> | <i>Catalogue No.</i> |
|--|------------------------|----------------------|
| Annual and Long Service Leave Taken | May 1988 to April 1989 | 6317.0 |
| Career Experience | February 1993 | 6254.0 |
| Career Paths of Persons with Trade Qualifications | 1993 | 6243.0 |
| Career Paths of Qualified Nurses, Australia | March to July 1989 | 6277.0 |
| Child Care | March 1996 | 4402.0 |
| Employment Benefits | August 1994 | 6334.0.40.001 |
| Job Search Experience of Unemployed Persons | July 1996 | 6222.0 |
| Labour Force Experience | February 1995 | 6206.0.40.001 |
| Labour Force Status and Educational Attainment | February 1994 | 6235.0 |
| Labour Force Status and Other Characteristics of Families | June 1996 | 6224.0 |
| Labour Force Status and Other Characteristics of Migrants | September 1993 | 6250.0 |
| Labour Mobility | February 1996 | 6209.0 |
| Multiple Jobholding | August 1994 | 6216.0.40.001 |
| Participation in Education (formerly Labour Force Status and Educational Attendance) | September 1995 | 6272.0 |
| Persons Employed at Home | September 1995 | 6275.0 |
| Persons not in the Labour Force | September 1996 | 6220.0 |
| Persons Who Had Re-entered the Labour Force | July 1995 | 6264.0.40.001 |
| Persons Who Have Left the Labour Force | September 1994 | 6267.0.40.001 |
| Retirement and Retirement Intentions | November 1994 | 6238.0.40.001 |
| Successful and Unsuccessful Job Search Experience | July 1996 | 6245.0 |
| Superannuation | November 1995 | 6319.0 |
| Survey of Income and Housing Costs and Amenities | 1989-90 | 6546.0 |
| Trade Union Members | August 1996 | 6325.0 |
| Training and Education Experience (formerly How Workers Get Their Training) | 1993 | 6278.0 |
| Transition from Education to Work | May 1996 | 6227.0 |
| Underemployed Workers | September 1996 | 6265.0 |
| Weekly Earnings of Employees (Distribution) | August 1995 | 6310.0.40.001 |
| Working Arrangements | August 1995 | 6342.0.40.001 |

LABOUR FORCE SUPPLEMENTARY SURVEY PROGRAM — 1997

| <i>Topic</i> | <i>Survey month</i> |
|---|---------------------|
| Labour Force Experience | February 1997 |
| Transition from Education to Work | May 1997 |
| Job Search Experience of Unemployed Persons | July 1997 |
| Earnings | August 1997 |
| Core Benefits | August 1997 |
| Trade Union Membership | August 1997 |
| Working Arrangements | August 1997 |
| Multiple Jobholders | August 1997 |
| Persons not in the Labour Force | September 1997 |
| Underemployment | September 1997 |
| Participation in Education | September 1997 |
| Retirement Income | November 1997 |

RELEASES OF INTEREST

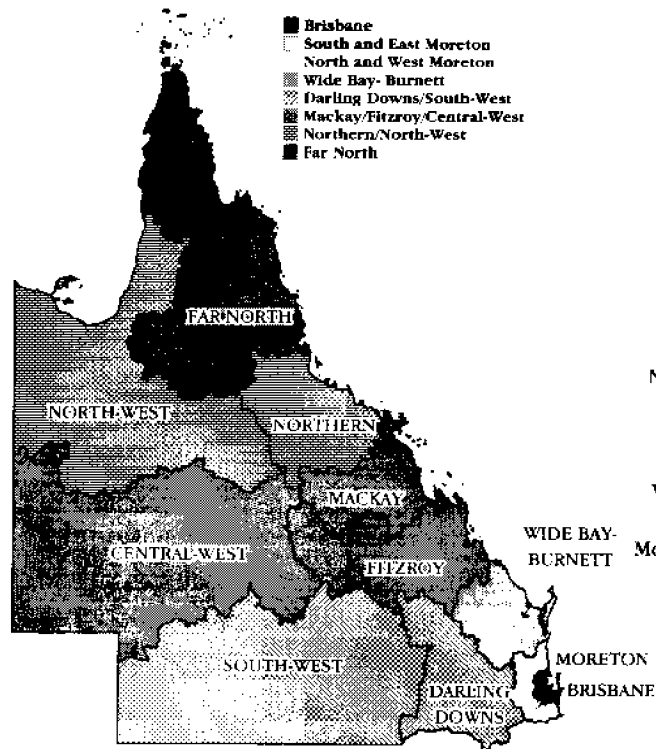
Underemployed Workers, Australia, September 1996 (6265.0), (\$15.50).

Provides information on visible underemployment. It provides details of persons currently working part-time who would prefer to work more hours each week and persons who usually work full-time but did not do so in the reference week. Details include information about the jobs in which underemployed workers are employed, their employment preferences, the extent and duration of underemployment and whether they are looking for work with more hours.

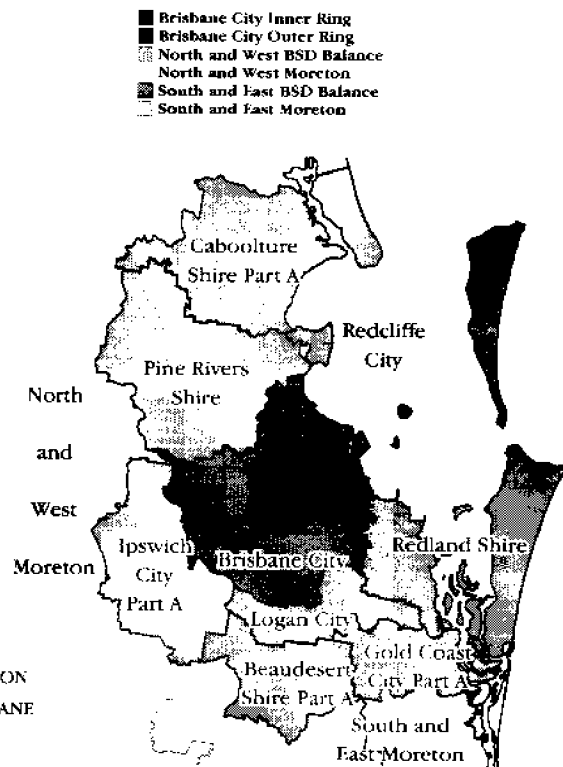
Trade Union Members, Australia, August 1996 (6325.0), (\$15.50).

Provides selected demographic and labour force characteristics of employees according to whether they are a member of a trade union, and superannuation coverage. The information collected includes age, industry, occupation, full-time/part-time status, permanent or casual employee, sector and type of standard benefit received.

STATISTICAL REGIONS, QUEENSLAND



STATISTICAL REGIONS, BRISBANE AND MORETON DIVISIONS



BRISBANE CITY INNER RING

| | | | |
|------------------|---------------------------------------|-------------------|------------------|
| Albion | Clayfield | Highgate Hill | Red Hill |
| Alderley | Coorparoo | Holland Park | Sherwood |
| Annerley | Corinda | Holland Park West | South Brisbane |
| Ascot | Dutton Park | Indooroopilly | Spring Hill |
| Ashgrove | East Brisbane | Kangaroo Point | St Lucia |
| Balmoral | Enoggera (including Military Camp) | Kedron | Stafford |
| Bardon | Fairfield | Kelvin Grove | Stafford Heights |
| Bowen Hills | Fortitude Valley - Inner | Lutwyche | Taringa |
| Bulimba | Fortitude Valley - Remainder | Milton | Tarragindi |
| Camp Hill | Graceville | Moorooka | Toowong |
| Cannon Hill | Grange | Morningside | West End |
| Carina | Greenslopes | New Farm | Wilston |
| Carina Heights | Hamilton | Newmarket | Windsor |
| Carindale | Hawthorne | Newstead | Woolloongabba |
| Chelmer | Hendra | Norman Park | Woolloowin |
| City - Inner | Herston | Nundah | Yeerongpilly |
| City - Remainder | | Paddington | Yeronga |

EXPLANATORY NOTES

POPULATION SURVEY

1 This survey is based on a multi-stage area sample of private dwellings and non-private dwellings (hotels, motels, etc.) and usually covers approximately three-fifths of 1% of the population of Queensland. The information is obtained from the occupants of selected dwellings by carefully chosen and specially trained interviewers. The interviews are generally conducted during a period of 2 weeks beginning on the Monday between the 6th and 12th of each month. The information obtained relates to the week before the interview (i.e. the reference week).

SCOPE

2 The labour force survey includes all persons aged 15 years and over except:

- members of the permanent defence forces,
- certain diplomatic personnel of overseas governments, customarily excluded from census and estimated populations,
- overseas residents in Australia and
- members of non-Australian defence forces (and their dependants) stationed in Australia.

COVERAGE

3 In the labour force survey, coverage rules are applied which aim to ensure that each person is associated with only one dwelling and hence has only one chance of selection. The coverage rules are, necessarily, a balance between theoretical and operational considerations. Nevertheless, the chance of a person being enumerated at two separate dwellings in the one survey is considered to be negligible.

4 Persons who are away from their usual residence for 6 weeks or less at the time of interview are enumerated at their usual residence when relevant information can be obtained from other usual residents present at the time of the survey.

SUPPLEMENTARY AND SPECIAL SURVEYS

5 Emphasis in the population survey is placed on the regular collection of specific data on demographic and labour force characteristics of the population. However, supplementary and special surveys of particular aspects of the labour force, or of other subjects, are carried out from time to time. Statistics from these surveys are published and are available on request. A list of survey publications on labour force and related topics is shown on page 22.

POPULATION BENCHMARKS

6 Labour force survey estimates of persons employed, unemployed and not in the labour force are calculated in such a way as to add up to the independently estimated distribution of the population aged 15 years and over by age and sex. This procedure compensates for under-enumeration in the survey and leads to more reliable estimates. The independent population statistics (benchmarks) are the latest available estimates at the time the labour force survey is conducted. They usually differ from the official population estimates subsequently published in the quarterly ABS publication *Australian Demographic Statistics* (3101.0) because they are necessarily derived from incomplete information about population changes.

7 Since regular estimates of the population are not available at the regional level, the State benchmarks were used to produce regional estimates. This

EXPLANATORY NOTES *continued*

methodology assumes a common pattern of under-enumeration at the regional level and also ensures that regional estimates add to the State totals.

8 While this procedure can be expected to provide reliable estimates of unemployment and participation rates, it cannot be taken as completely reliable for estimates of numbers involved. For this reason, estimates of numbers in each region have not been added to provide an estimate of the total civilian population aged 15 years and over.

REVISION OF SERIES

9 Survey estimates are not revised for the usually small amendments of population benchmarks arising from new data on deaths and overseas and internal migration. Revisions are made, however, after each census of population and housing and when population estimation bases are reviewed. These revisions affect unadjusted, seasonally adjusted and trend estimates. The last such revision was made in February 1994 to take account of the results of the 1991 Census of Population and Housing. This affected all the monthly estimates from January 1989 to January 1994.

10 The estimates shown in this publication are based entirely on place of usual residence. Prior to October 1982, the estimates were based on a combination of place of enumeration and place of usual residence.

11 Until February 1978, surveys were conducted in February, May, August and November each year from 1964. From February 1978 the survey has been conducted on a monthly basis.

12 The questionnaire used in the survey for the collection of labour force data has been revised a number of times. Details of these changes have been published in *Information Paper: Questionnaires Used in the Labour Force Survey* (6232.0) in March 1978, December 1981, August 1984, June 1986, June 1991 and March 1993.

COMPARABILITY OF SERIES

13 As noted in paragraph 9, estimates from January 1989 have been revised to conform to revised population estimates following the 1991 Census of Population and Housing and are thus not strictly comparable with estimates for periods prior to January 1989, which have not been revised.

14 From August 1996, occupation data is classified according to the new edition of the Australian Standard Classification of Occupations (ASCO) and is not comparable with previous information. For more detailed information see ASCO — *Australian Standard Classification of Occupations, Information Paper* (1221.0). A concordance between these versions of ASCO is not yet available.

15 Regional estimates are based on statistical regions from September 1987. They are not comparable with estimates prior to that date which were based on differently composed dissemination regions.

16 Comparability with estimates produced from the quarterly survey of employment and earnings is affected by the use of a different survey methodology and definitions. The labour force survey provides estimates of people in jobs whereas the survey of employment and earnings provides an estimate of the number of jobs held by employees. A more detailed description of the differences between these two series is provided in *Information Paper: Comparison of Employment Estimates from the Labour Force Survey and the Survey of Employment and Earnings* (6263.0).

EXPLANATORY NOTES *continued*

RELIABILITY OF ESTIMATES

17 Estimates in this publication are subject to two sources of error.

- *Sampling error.* Since the estimates are based on information obtained from occupants of a sample of dwellings, they and the movements derived from them, may differ from the figures that would have been produced if all dwellings had been included in the survey. More information on this topic is given in the Technical Notes.
- *Non-sampling error.* Inaccuracies may occur because of imperfections in reporting by respondents and interviewers and errors made in coding and processing data. These inaccuracies may occur in any enumeration, whether it be a full count or a sample. Every effort is made to reduce the non-sampling error to a minimum by careful design of questionnaires, intensive training and supervision of interviewers and efficient operating procedures.

RELIABILITY OF REGIONAL LABOUR FORCE ESTIMATES

18 While the Labour Force Survey is designed primarily to produce reliable estimates at the national and State or Territory level, it also delivers estimates for a number of regions within States.

19 As with the national and State estimates, regional labour force estimates are subject to sampling error. Since estimates for regions are components of the corresponding State level and thus are based on a considerably smaller sample size, they are subject to higher relative standard errors. Care should therefore be taken in the interpretation of regional estimates, particularly when comparing month-to-month movements. Tables of standard errors for each region are available later in this publication.

SURVEY SAMPLE REDESIGN

20 The Labour Force Survey sample was redesigned and reselected using information collected in the 1991 Census of Population and Housing. The new sample was phased in over the period September to December 1992. For details, see *Information Paper: Labour Force Survey — Sample Design* (6269.0).

21 For the most part, one-quarter of the new sample was introduced each month so that, by December 1992, the entire new sample was in place. Replacement occurred generally at the rotation group level with two groups substituted each month. Such a pattern of implementation means that any changes to labour force estimates due to differences between the two samples, or any other influences, were spread over 4 months rather than being concentrated in one inter-month period.

22 This phase-in scheme applied to the private dwelling sample in urban areas. The new sample for non-private dwellings and private dwellings in rural areas was introduced in a single stage in November 1992.

23 The sampling fraction differs for States and Territories to enable estimates of reasonable accuracy to be produced at State level as well as for Australia. The sampling fraction for Queensland is 1 in 195.

POTENTIAL EFFECTS ON LABOUR FORCE SURVEY ESTIMATES

24 Implications for estimates produced from the Labour Force Survey due to sample redesign and its implementation are as follows:

- The sampling error in Queensland increased overall initially by about 8% over the previous level but will decline gradually during the life of the new sample.

EXPLANATORY NOTES *continued*

.....

There were also higher standard errors for the estimates of month-to-month movements produced during the period September 1992 to December 1992 compared with those for the corresponding series produced prior to this period and from January 1993 onwards. *Overall, these are estimated to be up to 20% higher than the normal standard errors for monthly movements.*

- Analysis has shown that the unemployment rate was marginally higher (less than 0.5 percentage points) for those persons in sample for the first time. Normally, this will not affect the overall estimates of month-to-month movements because the number of persons in sample does not change significantly. However, during the transition period, there were twice as many as usual in sample for the first time. This may have caused a small upward movement (of less than 0.1 percentage points) in the unemployment rate from August 1992 to September 1992 and a compensating decrease from December 1992 to January 1993.

SEASONAL ADJUSTMENT

25 Seasonal adjustment is a means of removing the estimated effects of normal seasonal variation from the series so that the effect of other influences on the series can be more clearly recognised. Seasonal adjustment does not remove the irregular or non-seasonal influences which may be present in any particular month. Influences that are volatile can still make it difficult to interpret the movement of the series even after adjustment for seasonal variation. Seasonal factors are reviewed annually to take account of each additional year of original data.

TREND ESTIMATION

26 Smoothed seasonally adjusted series produce a measure of trend by reducing the impact of the irregular component of the series. The trend estimates are derived by applying a 13-term Henderson-weighted moving average to the respective seasonally adjusted series. These trend series are used to analyse the underlying behaviour of the series over time.

27 While this smoothing technique enables estimates to be produced which include the latest month, it does result in revisions to the most recent months as additional observations become available. Generally, subsequent revisions become smaller and after 3 months have a negligible impact on the series. There will also be revisions as a result of the annual review of seasonal factors.

MONTH-TO-MONTH MOVEMENTS

28 Care should be taken in the interpretation of month-to-month movements in labour force survey estimates as they are subject to sampling and non-sampling variability as explained in paragraph 17.

RELATED PUBLICATIONS

29 Other ABS publications which may be of interest include:

A Guide to Interpreting Time Series — Monitoring 'Trends' (1349.0)

Economic Indicators, Queensland (1307.3)

Information Paper: A Guide to Interpreting Time Series — Monitoring 'Trends' — An Overview (1348.0)

Information Paper: Comparison of Employment Estimates from the Labour Force Survey and the Survey of Employment and Earnings (6263.0)

Information Paper: Labour Force Survey — Measuring Teenage Unemployment (6270.0)

EXPLANATORY NOTES *continued*

Information Paper: Labour Force Survey — Sample Design (6269.0)

Information Paper: Measuring Employment and Unemployment (6279.0)

Information Paper: Regional Labour Force Statistics (6262.0)

Labour Force, Australia (6203.0)

Labour Force, Australia (6204.0)

Labour Force, Australia, Preliminary (6202.0)

Monthly Summary of Statistics, Queensland (1304.3)

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

UNPUBLISHED STATISTICS

31 As well as the statistics included in this and related publications, the ABS may have other relevant unpublished data available. Inquiries should be made to the contact shown at the front of this publication.

SYMBOLS AND OTHER USAGES

.. not applicable

* subject to sampling variability too high for most practical purposes
(see paragraphs 8 and 9 of the Technical Notes)

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

TECHNICAL NOTES

ESTIMATION PROCEDURE

1 The labour force estimates are derived from the monthly population survey by use of a complex ratio estimation procedure, which ensures that the survey estimates conform to an independently estimated distribution of the population by age and sex, rather than to the age and sex distribution within the sample itself. This procedure compensates for under-enumeration in the survey and leads to more reliable estimates.

2 Since regular estimates of the population are not available at the regional level, the State benchmarks were used to produce regional estimates. This methodology assumes a common pattern of under-enumeration at the regional level and also ensures that regional estimates add to the State totals.

DATA QUALITY

3 Two types of error are possible in an estimate based on a sample survey: sampling error and non-sampling error. Non-sampling error is explained in the Explanatory Notes, paragraph 17. The sampling error is a measure of the variability that occurs by chance because a sample, rather than the entire population, is surveyed.

Standard error of estimates

4 One measure of the variability of estimates which occurs as a result of surveying only a sample of the population is the standard error (SE).

5 There are about two chances in three that a sample estimate will differ by less than one standard error from the figure that would have been obtained if all dwellings had been included and about 19 chances in 20 that the difference will be less than two standard errors.

6 The standard error of an estimate can be obtained from table A. Linear interpolation should be used to calculate the standard error of estimates falling between the sizes of estimates listed in the table (see example in paragraphs 12 and 13 following).

7 Standard errors for some estimates, e.g. unemployment, can vary from those shown in the tables. Methods for calculating the standard errors of these estimates are shown in paragraph 14.

Relative standard error

8 Another measure of sampling variability is the relative standard error (RSE). This is obtained by expressing the standard error as a percentage of the estimate to which it refers. The relative standard error is a useful measure in that it provides an immediate indication of the percentage errors likely to have occurred due to sampling and thus avoids the need to refer also to the size of the estimate.

9 In the tables in this publication, only estimates with relative standard errors of 25% or less, and percentages based on such estimates, are considered sufficiently reliable for most purposes. However, estimates and percentages with larger relative standard errors have been included and are preceded by an asterisk (e.g. * 3.0) to indicate they are subject to high standard errors and should be used with caution. Small estimates are subject to such high standard errors (relative to the size of the estimate) as to detract seriously from their value for most reasonable use.

Standard error of movement

10 The movement in the level of an estimate is also subject to sampling variability. The standard error of the movement depends on the levels of the estimates from which the movement is obtained rather than the size of the movement. Standard errors of monthly movements are given in table B. These estimates apply only to estimates of movements between two consecutive months.

11 Movements between corresponding months of consecutive quarters, i.e. quarterly movements, can be obtained by multiplying the figures in table B by 1.21. Standard errors of movements between corresponding months of consecutive years, i.e. annual movements, can be obtained by multiplying the figures in table A by 1.3. When using tables A or B to calculate standard errors of movements, refer to the larger of the two estimates from which the movement is derived.

LINEAR INTERPOLATION

12 Linear interpolation is used to determine the standard error of an estimate which falls between two values listed in the size of estimate column in tables A or B. Linear interpolation is best described using an example. In February 1997 there were 669,700 (X_e) employed females in Queensland. This estimate falls between 500,000 (X_l) and 1,000,000 (X_u) in table A.

13 The standard error of the estimate is determined as follows:

Firstly calculate

$$\begin{aligned}
 F &= \frac{X_e - X_l}{X_u - X_l} \\
 &= \frac{669,700 - 500,000}{1,000,000 - 500,000} \\
 &= 0.339
 \end{aligned}$$

Secondly, calculate the standard error of the estimate, $SE(X_e)$ thus,

$$\begin{aligned}
 SE(X_e) &= SE(X_l) + F[SE(X_u) - SE(X_l)] \\
 &= 7,000 + 0.339 \times [8,900 - 7,000] \\
 &= 7,644 \\
 &= 7,600 \text{ rounding to the nearest 100}
 \end{aligned}$$

Therefore the standard error of the number of employed females in Queensland in February 1997 (669,700) is 7,600.

TECHNICAL NOTES *continued*

14 Standard errors for selected estimates may be calculated as follows.

| <i>Measure of reliability to be determined</i> | <i>Method</i> |
|--|---|
| Standard errors of estimates of employed persons. | Determine the SE from Table A directly. |
| Standard errors of estimates of unemployed persons. | Multiply the SE from Table A by 0.97. |
| Standard errors of estimates of persons not in the labour force. | Multiply the SE from Table A by 1.06. |
| Standard errors of rates (e.g. the unemployment rate which is based on the number of unemployed persons expressed as a percentage of the number of persons in the labour force). | Determine the RSE of the numerator (x) and the denominator (y) then apply the following formula. $RSE(x/y) = \sqrt{[RSE(x)]^2 + [RSE(y)]^2}$ |
| Standard error of average hours worked. | Determine the RSE for the number of persons on which the average is based, multiply this by 0.7. |
| Standard error of median duration of unemployment. | Determine the RSE for the number of persons on which the median is based, multiply this by 2.0. |
| Standard error of monthly movements. | Using Table B, look up the SE of the larger estimate. |
| Standard error of quarterly movements. | Determine the standard error of the larger estimate (using Table A), multiply this by 1.21. |
| Standard error of annual movements. | Determine the standard error of the larger estimate (using Table A) and multiply this by 1.3. |

A STANDARD ERRORS OF ESTIMATES FOR STATISTICAL REGIONS AND QUEENSLAND

| Size of estimate | Brisbane (MSR) Statistical Regions | | | | | | | | | | Balance of Queensland Statistical Regions | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------|---|--------|--------|--------|--------|--|--------|--------|--------|--------|--|--------|--------|--------|--------|------------------------|--------|--------|--------|--------|------------------------------|--------|--------|--------|--------|----------------------------------|--------|--------|--------|--------|-------------------------|--------|--------|--------|--------|-----------|--|--|--|--|
| | Queensland; Brisbane (MSR); Balance of Queensland | | | | | South and East Brisbane Statistical Division Balance | | | | | North and West Brisbane Statistical Division Balance | | | | | North and West Moreton | | | | | Darling Downs and South-West | | | | | Mackay, Fitzroy and Central-West | | | | | Northern and North-West | | | | | Far North | | | | |
| | No. | No. | No. | No. | No. | No. | No. | No. | No. | No. | No. | No. | No. | No. | No. | No. | No. | No. | No. | No. | No. | No. | No. | No. | No. | No. | No. | No. | No. | No. | No. | No. | No. | No. | No. | | | | | |
| 200 | 210 | 160 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | | | | | |
| 300 | 260 | 200 | 210 | 220 | 210 | 220 | 220 | 220 | 220 | 220 | 220 | 220 | 220 | 220 | 220 | 220 | 230 | 230 | 230 | 230 | 230 | 230 | 230 | 230 | 230 | 230 | 230 | 230 | 230 | 230 | 230 | 230 | 230 | 230 | 230 | | | | | |
| 500 | 340 | 260 | 270 | 280 | 280 | 280 | 280 | 280 | 280 | 280 | 280 | 280 | 280 | 280 | 280 | 280 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | | | | | |
| 700 | 400 | 310 | 320 | 340 | 330 | 340 | 340 | 340 | 340 | 340 | 340 | 340 | 340 | 340 | 340 | 340 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | | | | | |
| 1 000 | 480 | 380 | 390 | 410 | 400 | 410 | 410 | 410 | 410 | 410 | 410 | 410 | 410 | 410 | 410 | 410 | 430 | 430 | 430 | 430 | 430 | 430 | 430 | 430 | 430 | 430 | 430 | 430 | 430 | 430 | 430 | 430 | 430 | 430 | 430 | | | | | |
| 1 500 | 590 | 470 | 480 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 530 | 530 | 530 | 530 | 530 | 530 | 530 | 530 | 530 | 530 | 530 | 530 | 530 | 530 | 530 | 530 | 530 | 530 | 530 | | | | | |
| 2 000 | 680 | 540 | 560 | 590 | 580 | 590 | 590 | 590 | 590 | 590 | 590 | 590 | 590 | 590 | 590 | 590 | 620 | 620 | 620 | 620 | 620 | 620 | 620 | 620 | 620 | 620 | 620 | 620 | 620 | 620 | 620 | 620 | 620 | 620 | 620 | | | | | |
| 2 500 | 750 | 610 | 630 | 660 | 650 | 660 | 660 | 660 | 660 | 660 | 660 | 660 | 660 | 660 | 660 | 660 | 690 | 690 | 690 | 690 | 690 | 690 | 690 | 690 | 690 | 690 | 690 | 690 | 690 | 690 | 690 | 690 | 690 | 690 | 690 | | | | | |
| 3 000 | 820 | 670 | 690 | 720 | 720 | 720 | 720 | 720 | 720 | 720 | 720 | 720 | 720 | 720 | 720 | 720 | 760 | 760 | 760 | 760 | 760 | 760 | 760 | 760 | 760 | 760 | 760 | 760 | 760 | 760 | 760 | 760 | 760 | 760 | 760 | | | | | |
| 4 000 | 940 | 780 | 800 | 840 | 830 | 840 | 840 | 840 | 840 | 840 | 840 | 840 | 840 | 840 | 840 | 840 | 890 | 890 | 890 | 890 | 890 | 890 | 890 | 890 | 890 | 890 | 890 | 890 | 890 | 890 | 890 | 890 | 890 | 890 | 890 | | | | | |
| 5 000 | 1 050 | 880 | 900 | 950 | 940 | 950 | 950 | 950 | 950 | 950 | 950 | 950 | 950 | 950 | 950 | 950 | 1 000 | 1 000 | 1 000 | 1 000 | 1 000 | 1 000 | 1 000 | 1 000 | 1 000 | 1 000 | 1 000 | 1 000 | 1 000 | 1 000 | 1 000 | 1 000 | 1 000 | 1 000 | 1 000 | | | | | |
| 7 000 | 1 200 | 1 050 | 1 100 | 1 150 | 1 100 | 1 150 | 1 150 | 1 150 | 1 150 | 1 150 | 1 150 | 1 150 | 1 150 | 1 150 | 1 150 | 1 150 | 1 200 | 1 200 | 1 200 | 1 200 | 1 200 | 1 200 | 1 200 | 1 200 | 1 200 | 1 200 | 1 200 | 1 200 | 1 200 | 1 200 | 1 200 | 1 200 | 1 200 | 1 200 | 1 200 | | | | | |
| 10 000 | 1 400 | 1 250 | 1 300 | 1 350 | 1 350 | 1 350 | 1 350 | 1 350 | 1 350 | 1 350 | 1 350 | 1 350 | 1 350 | 1 350 | 1 350 | 1 350 | 1 450 | 1 450 | 1 450 | 1 450 | 1 450 | 1 450 | 1 450 | 1 450 | 1 450 | 1 450 | 1 450 | 1 450 | 1 450 | 1 450 | 1 450 | 1 450 | 1 450 | 1 450 | 1 450 | | | | | |
| 15 000 | 1 700 | 1 550 | 1 600 | 1 700 | 1 650 | 1 700 | 1 700 | 1 700 | 1 700 | 1 700 | 1 700 | 1 700 | 1 700 | 1 700 | 1 700 | 1 700 | 1 750 | 1 750 | 1 750 | 1 750 | 1 750 | 1 750 | 1 750 | 1 750 | 1 750 | 1 750 | 1 750 | 1 750 | 1 750 | 1 750 | 1 750 | 1 750 | 1 750 | 1 750 | 1 750 | | | | | |
| 20 000 | 1 950 | 1 800 | 1 850 | 1 950 | 1 950 | 1 950 | 1 950 | 1 950 | 1 950 | 1 950 | 1 950 | 1 950 | 1 950 | 1 950 | 1 950 | 1 950 | 2 050 | 2 050 | 2 050 | 2 050 | 2 050 | 2 050 | 2 050 | 2 050 | 2 050 | 2 050 | 2 050 | 2 050 | 2 050 | 2 050 | 2 050 | 2 050 | 2 050 | 2 050 | 2 050 | | | | | |
| 30 000 | 2 300 | 2 250 | 2 300 | 2 450 | 2 400 | 2 450 | 2 450 | 2 450 | 2 450 | 2 450 | 2 450 | 2 450 | 2 450 | 2 450 | 2 450 | 2 450 | 2 550 | 2 550 | 2 550 | 2 550 | 2 550 | 2 550 | 2 550 | 2 550 | 2 550 | 2 550 | 2 550 | 2 550 | 2 550 | 2 550 | 2 550 | 2 550 | 2 550 | 2 550 | 2 550 | | | | | |
| 50 000 | 2 850 | 2 950 | 3 050 | 3 150 | 3 150 | 3 150 | 3 150 | 3 150 | 3 150 | 3 150 | 3 150 | 3 150 | 3 150 | 3 150 | 3 150 | 3 350 | 3 350 | 3 350 | 3 350 | 3 350 | 3 350 | 3 350 | 3 350 | 3 350 | 3 350 | 3 350 | 3 350 | 3 350 | 3 350 | 3 350 | 3 350 | 3 350 | 3 350 | 3 350 | 3 350 | | | | | |
| 70 000 | 3 250 | 3 500 | 3 600 | 3 800 | 3 750 | 3 800 | 3 800 | 3 800 | 3 800 | 3 800 | 3 800 | 3 800 | 3 800 | 3 800 | 3 800 | 4 000 | 4 000 | 4 000 | 4 000 | 4 000 | 4 000 | 4 000 | 4 000 | 4 000 | 4 000 | 4 000 | 4 000 | 4 000 | 4 000 | 4 000 | 4 000 | 4 000 | 4 000 | 4 000 | 4 000 | | | | | |
| 100 000 | 3 750 | 4 250 | 4 350 | 4 550 | 4 500 | 4 550 | 4 550 | 4 550 | 4 550 | 4 550 | 4 550 | 4 550 | 4 550 | 4 550 | 4 550 | 4 800 | 4 800 | 4 800 | 4 800 | 4 800 | 4 800 | 4 800 | 4 800 | 4 800 | 4 800 | 4 800 | 4 800 | 4 800 | 4 800 | 4 800 | 4 800 | 4 800 | 4 800 | 4 800 | 4 800 | | | | | |
| 150 000 | 4 400 | 5 200 | 5 400 | 5 600 | 5 500 | 5 600 | 5 600 | 5 600 | 5 600 | 5 600 | 5 600 | 5 600 | 5 600 | 5 600 | 5 600 | 6 000 | 6 000 | 6 000 | 6 000 | 6 000 | 6 000 | 6 000 | 6 000 | 6 000 | 6 000 | 6 000 | 6 000 | 6 000 | 6 000 | 6 000 | 6 000 | 6 000 | 6 000 | 6 000 | 6 000 | | | | | |
| 200 000 | 4 950 | 6 100 | 6 300 | 6 600 | 6 500 | 6 600 | 6 600 | 6 600 | 6 600 | 6 600 | 6 600 | 6 600 | 6 600 | 6 600 | 6 600 | 7 000 | 7 000 | 7 000 | 7 000 | 7 000 | 7 000 | 7 000 | 7 000 | 7 000 | 7 000 | 7 000 | 7 000 | 7 000 | 7 000 | 7 000 | 7 000 | 7 000 | 7 000 | 7 000 | 7 000 | | | | | |
| 300 000 | 5 800 | 7 500 | 7 700 | 8 100 | 8 000 | 8 100 | 8 100 | 8 100 | 8 100 | 8 100 | 8 100 | 8 100 | 8 100 | 8 100 | 8 100 | 8 500 | 8 500 | 8 500 | 8 500 | 8 500 | 8 500 | 8 500 | 8 500 | 8 500 | 8 500 | 8 500 | 8 500 | 8 500 | 8 500 | 8 500 | 8 500 | 8 500 | 8 500 | 8 500 | 8 500 | | | | | |
| 500 000 | 7 000 | 9 900 | 10 100 | 10 600 | 10 500 | 10 600 | 10 600 | 10 600 | 10 600 | 10 600 | 10 600 | 10 600 | 10 600 | 10 600 | 10 600 | 11 200 | 11 200 | 11 200 | 11 200 | 11 200 | 11 200 | 11 200 | 11 200 | 11 200 | 11 200 | 11 200 | 11 200 | 11 200 | 11 200 | 11 200 | 11 200 | 11 200 | 11 200 | 11 200 | 11 200 | | | | | |
| 1 000 000 | 8 900 | 11 300 | 11 500 | 12 000 | 11 900 | 12 000 | 12 000 | 12 000 | 12 000 | 12 000 | 12 000 | 12 000 | 12 000 | 12 000 | 12 000 | 12 800 | 12 800 | 12 800 | 12 800 | 12 800 | 12 800 | 12 800 | 12 800 | 12 800 | 12 800 | 12 800 | 12 800 | 12 800 | 12 800 | 12 800 | 12 800 | 12 800 | 12 800 | 12 800 | 12 800 | | | | | |
| 2 000 000 | 11 300 | 15 000 | 15 300 | 16 000 | 15 900 | 16 000 | 16 000 | 16 000 | 16 000 | 16 000 | 16 000 | 16 000 | 16 000 | 16 000 | 16 000 | 16 800 | 16 800 | 16 800 | 16 800 | 16 800 | 16 800 | 16 800 | 16 800 | 16 800 | 16 800 | 16 800 | 16 800 | 16 800 | 16 800 | 16 800 | 16 800 | 16 800 | 16 800 | 16 800 | 16 800 | | | | | |

B

STANDARD ERRORS OF MONTHLY MOVEMENTS FOR STATISTICAL REGIONS AND QUEENSLAND

| Size of estimate | Queensland; | | Brisbane (MSR); | | | | Balance of Queensland Statistical Regions | | | | | | | | | | | | | | | | | | | | | | |
|------------------|-------------|------|-----------------|------------|---------------|---------|---|---------|----------|------------------------|----------|---------|------------------------|---------|----------|------------------------------|----------|---------|----------------------------------|---------|-------------------------|---------|-----------|---------|----------|---------|----------|---------|-----|
| | No. | % | Inner Ring | Outer Ring | Brisbane City | | South and East Brisbane | | | South and East Moreton | | | North and West Moreton | | | Darling Downs and South-West | | | Mackay, Fitzroy and Central-West | | Northern and North-West | | Far North | | | | | | |
| | No. | | No. | No. | Division | Balance | Division | Balance | Division | Balance | Division | Balance | Division | Balance | Division | Balance | Division | Balance | Division | Balance | Division | Balance | Division | Balance | Division | Balance | Division | Balance | |
| 1 000 | 580 | 58.0 | 330 | 310 | 250 | 320 | 310 | 320 | 320 | 290 | 300 | 340 | 340 | 340 | 320 | 340 | 340 | 320 | 340 | 340 | 340 | 320 | 340 | 340 | 320 | 340 | 320 | 340 | 290 |
| 1 500 | 660 | 44.0 | 400 | 370 | 300 | 380 | 370 | 380 | 340 | 340 | 350 | 400 | 390 | 390 | 390 | 400 | 410 | 390 | 390 | 410 | 390 | 390 | 410 | 390 | 390 | 390 | 390 | 340 | |
| 2 000 | 730 | 36.5 | 450 | 420 | 340 | 440 | 420 | 440 | 390 | 400 | 400 | 460 | 440 | 440 | 440 | 460 | 460 | 440 | 440 | 460 | 440 | 440 | 460 | 440 | 440 | 440 | 440 | 390 | |
| 2 500 | 790 | 31.6 | 500 | 470 | 370 | 480 | 470 | 480 | 430 | 440 | 440 | 500 | 480 | 480 | 480 | 510 | 510 | 480 | 480 | 510 | 480 | 480 | 510 | 480 | 480 | 480 | 480 | 430 | |
| 3 000 | 840 | 28.0 | 540 | 510 | 400 | 520 | 510 | 520 | 460 | 480 | 480 | 550 | 520 | 520 | 520 | 550 | 550 | 520 | 520 | 550 | 520 | 520 | 550 | 520 | 520 | 520 | 460 | | |
| 4 000 | 930 | 23.3 | 610 | 570 | 460 | 590 | 570 | 590 | 530 | 540 | 540 | 620 | 590 | 590 | 590 | 620 | 620 | 590 | 590 | 620 | 590 | 590 | 620 | 590 | 590 | 590 | 590 | 530 | |
| 5 000 | 1 000 | 20.0 | 670 | 630 | 500 | 650 | 630 | 650 | 580 | 600 | 600 | 680 | 650 | 650 | 650 | 680 | 680 | 650 | 650 | 680 | 650 | 650 | 680 | 650 | 650 | 650 | 650 | 580 | |
| 7 000 | 1 150 | 16.4 | 770 | 730 | 580 | 750 | 730 | 750 | 670 | 690 | 690 | 790 | 760 | 760 | 790 | 790 | 790 | 760 | 760 | 790 | 760 | 760 | 790 | 760 | 760 | 760 | 760 | 670 | |
| 10 000 | 1 250 | 12.5 | 900 | 850 | 680 | 880 | 850 | 880 | 780 | 810 | 810 | 920 | 880 | 880 | 920 | 920 | 920 | 880 | 880 | 920 | 880 | 880 | 920 | 880 | 880 | 880 | 880 | 780 | |
| 15 000 | 1 450 | 9.7 | 1 100 | 1 000 | 810 | 1 050 | 1 000 | 1 050 | 930 | 960 | 960 | 1 100 | 1 050 | 1 050 | 1 100 | 1 100 | 1 100 | 1 050 | 1 050 | 1 100 | 1 050 | 1 050 | 1 100 | 1 050 | 1 050 | 1 050 | 1 050 | 930 | |
| 20 000 | 1 600 | 8.0 | 1 200 | 1 150 | 920 | 1 200 | 1 150 | 1 200 | 1 050 | 1 100 | 1 100 | 1 250 | 1 200 | 1 200 | 1 250 | 1 250 | 1 250 | 1 200 | 1 200 | 1 250 | 1 200 | 1 200 | 1 250 | 1 200 | 1 200 | 1 200 | 1 200 | 1 050 | |
| 30 000 | 1 850 | 6.2 | 1 450 | 1 350 | 1 100 | 1 400 | 1 350 | 1 400 | 1 250 | 1 300 | 1 300 | 1 500 | 1 400 | 1 400 | 1 500 | 1 500 | 1 500 | 1 400 | 1 400 | 1 500 | 1 400 | 1 400 | 1 500 | 1 400 | 1 400 | 1 400 | 1 400 | 1 250 | |
| 50 000 | 2 200 | 4.4 | 1 800 | 1 700 | 1 350 | 1 750 | 1 700 | 1 750 | 1 550 | 1 600 | 1 600 | 1 850 | 1 750 | 1 750 | 1 850 | 1 850 | 1 850 | 1 750 | 1 750 | 1 850 | 1 750 | 1 750 | 1 850 | 1 750 | 1 750 | 1 750 | 1 750 | 1 550 | |
| 100 000 | 2 800 | 2.8 | 2 450 | 2 300 | 1 850 | 2 400 | 2 300 | 2 400 | 2 100 | 2 200 | 2 200 | 2 500 | 2 400 | 2 400 | 2 500 | 2 500 | 2 500 | 2 400 | 2 400 | 2 500 | 2 400 | 2 400 | 2 500 | 2 400 | 2 400 | 2 400 | 2 400 | 2 150 | |
| 200 000 | 3 550 | 1.8 | 3 300 | 3 150 | 2 500 | 3 200 | 3 150 | 3 200 | 2 850 | 2 950 | 2 950 | 3 350 | 3 200 | 3 200 | 3 350 | 3 350 | 3 350 | 3 200 | 3 200 | 3 350 | 3 200 | 3 200 | 3 350 | 3 200 | 3 200 | 3 200 | 3 200 | 2 850 | |
| 300 000 | 4 100 | 1.4 | 3 950 | 3 750 | 2 950 | 3 850 | 3 750 | 3 850 | 3 400 | 3 550 | 3 550 | 4 000 | 3 850 | 3 850 | 4 000 | 4 000 | 4 000 | 3 850 | 3 850 | 4 000 | 3 850 | 3 850 | 4 000 | 3 850 | 3 850 | 3 850 | 3 850 | 3 450 | |

GLOSSARY

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| | |
|---|--|
| Attending school | Persons aged 15 to 19 years who, during the reference week, were enrolled full-time at secondary or high schools. |
| Attending tertiary educational institution full-time | Persons aged 15 to 24 years who, during the reference week, were enrolled full-time at a TAFE college, university or other educational institution. |
| Average hours worked | Aggregate hours worked by a group divided by the number of persons in that group. |
| Average duration of unemployment | For a group of unemployed persons, the aggregate duration of unemployment divided by the number of persons in the group. |
| Duration of unemployment | The period from the time a person began looking for work or was stood down, to the end of the reference week. Thus the survey measures current (and continuing) periods of unemployment rather than completed spells. For persons who may have begun looking for work while still employed, the duration of unemployment is defined as the period from the time the person last worked full-time for 2 weeks or more to the end of the reference week. |
| Employed | Persons aged 15 years and over who, during the reference week: <ul style="list-style-type: none">■ worked for 1 hour or more for pay, profit, commission or payment in kind in a job or business or on a farm (comprising employees, employers and own account workers);■ worked for 1 hour or more without pay in a family business or on a farm (i.e. contributing family workers);■ were employees who had a job but were not at work and were: on paid leave; on leave without pay for less than 4 weeks up to the end of the reference week; stood down without pay because of bad weather or plant breakdown at their place of employment for less than 4 weeks up to the end of the reference week; on strike or locked out; on workers' compensation and expected to be returning to their job; receiving wages or salary while undertaking full-time study or■ were employers, own account workers or contributing family workers who had a job, business or farm, but were not at work. |
| Former workers | Unemployed persons who have previously worked full-time for 2 weeks or more but not in the past 2 years. |
| Full-time workers | Employed persons who usually worked 35 hours or more a week (in all jobs) and others who, although usually working less than 35 hours a week, worked 35 hours or more during the reference week. |
| Hours worked | The total number of hours a group of employed persons has actually worked during the reference week, not necessarily hours paid for. |
| Job leavers | Unemployed persons who have worked full-time for 2 weeks or more in the past 2 years and <i>left that job voluntarily</i> , that is, because of unsatisfactory work arrangements, pay or hours; the job was seasonal, temporary or a holiday job and they left that job to return to studies; their last job was running their own business and they closed down or sold that business for reasons other than financial difficulties, or any other reasons. |

GLOSSARY *continued*

Job losers Unemployed persons who have worked full-time for 2 weeks or more in the past 2 years and *left that job involuntarily*, that is, were laid off or retrenched from that job; left that job because of their own ill-health or injury; the job was seasonal or temporary and they did not leave that job to return to studies, or their last job was running their own business and the business closed down because of financial difficulties.

Industry From August 1994, Labour Force Survey industry data are classified according to the Australian and New Zealand Standard Industrial Classification (ANZSIC). Like the previous Australian Standard Industrial Classification (ASIC), ANZSIC classifies businesses according to their economic activities, in a structure consisting of four levels (Division, Sub-division, Group and Class). Labour Force Survey data are coded at the group level, as was the practice under ASIC. To assist users in making comparisons with previously published data, a concordance was developed which shows for each ASIC Group, the corresponding ANZSIC Group or Groups. The concordance also shows the estimated employment attributable to each ANZSIC Group, compared with ASIC Group data, according to establishment unit employment data on the ABS Business Register at May 1994. Historical estimates of employment by ANZSIC Group have been compiled on the basis of the concordance, and are available on request. For further information about the application of ANZSIC, see *Information Paper: Labour Force Survey: Introduction of ANZSIC for Industry Data* (6259.0) and *Australian and New Zealand Standard Industry Classification, 1993* (1292.0).

It has since been found that the concordance, which was based on preliminary investigations, did not provide the most appropriate conversion for certain Group level industries. An improved concordance has now been applied to historical Labour Force Survey estimates.

This concordance is published in the *Information Paper: Labour Force Survey: Revisions to Historical ANZSIC Industry Data* (6259.0).

Labour force For any group, persons who were employed or unemployed, as defined.

Labour force status A classification of the civilian population aged 15 years and over into employed, unemployed or not in the labour force, as defined. The definitions conform closely to the international standard definitions adopted by the International Conferences of Labour Statisticians.

Marital status Persons are classified as married (husband and wife) if they are reported as being married (including de facto) and their spouse was a usual resident of the household at the time of the survey. The not married category comprises persons who have never married, or are separated, widowed or divorced, as well as those who, although reported as being married, did not have a spouse who usually lived in the household.

Median duration of unemployment The duration which divides unemployed persons into two equal groups, one comprising persons whose duration of unemployment is above the median and the other, persons whose duration is below it.

Not in the labour force Persons who were not in the categories employed or unemployed, as defined. They include persons who were keeping house (unpaid), retired, voluntarily inactive, permanently unable to work, persons in institutions (hospitals, jails, sanatoriums, etc.), trainee teachers, members of contemplative religious orders

GLOSSARY *continued*

- and persons whose only activity during the reference week was jury service or unpaid voluntary work for a charitable organisation.
- Occupation** From August 1996, Labour Force Survey occupation data are classified according to the Australian Standard Classification of Occupations (ASCO) Second Edition, a detailed description of which appears in *ASCO — Australian Standard Classification of Occupations, Information Paper (1221.0)*. The new version of the classification replaces ASCO First Edition, which was adopted in the survey in August 1986.
- Participation rate** For any group, the labour force expressed as a percentage of the civilian population aged 15 years and over in the same group. Participation rates for persons classified by birthplace are calculated using population estimates which exclude those in institutions. Participation rates for persons classified by school or tertiary educational institution attendance are calculated using population estimates which include those in institutions.
- Part-time workers** Employed persons who usually worked less than 35 hours a week and who did so during the reference week.
- Seasonally adjusted series** A time series of estimates with the estimated effects of normal seasonal variation removed. See paragraph 25 of the Explanatory Notes for more detail.
- Statistical regions** Classified according to the *Australian Standard Geographical Classification, Edition 2.5 (1216.0)*.
- Status in employment** From August 1994, the Labour Force Survey has adopted the international classification of Status in Employment, previously referred to as Status of Worker in the survey. This change follows recommendations of the 15th International Conference of Labour Statisticians and ABS standards. For the Labour Force Survey, the change involves no changes in definitions. The only changes are to the classification titles, as follows:
- | <i>Status of worker</i> | <i>Status in employment</i> |
|-------------------------|-----------------------------|
| Wage and salary earner | Employee |
| Employer | Employer |
| Self-employed | Own account worker |
| Unpaid family helper | Contributing family worker |
- Trend series** A smoothed seasonally adjusted series of estimates. See paragraphs 26 and 27 of the Explanatory Notes for more detail.
- Unemployed** Persons aged 15 years and over who were not employed during the reference week and :
- had actively looked for full-time or part-time work at any time in the 4 weeks up to the end of the reference week and:
 - ◆ were available for work in the reference week or would have been available except for temporary illness (i.e. lasting for less than 4 weeks to the end of the reference week);
 - ◆ were waiting to start a new job within 4 weeks from the end of the reference week and would have started in the reference week if the job had been available then or

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- were waiting to be called back to a full-time or part-time job from which they had been stood down without pay for less than 4 weeks up to the end of the reference week (including the whole of the reference week) for reasons others than bad weather or plant breakdown.

**Unemployed persons
classified by industry and
occupation**

Unemployed persons who had worked full-time for 2 weeks or more in the last 2 years are classified according to the industry and occupation of their most recent full-time job.

**Unemployed looking for
full-time work**

Unemployed persons who actively looked for full-time work or were to resume a full-time job, from which they had been stood down.

**Unemployed looking for
part-time work**

Unemployed persons who had actively looked for part-time work only or were to resume a part-time job, from which they had been stood down.

Unemployment rate

For any group, the number of unemployed persons expressed as a percentage of the labour force in the same group.



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