

February 1991

LABOUR FORCE STATUS AND EDUCATIONAL ATTAINMENT AUSTRALIA



EMBARGOED UNTIL 11.30 A.M. 20 SEPTEMBER 1991

**LABOUR FORCE STATUS AND EDUCATIONAL
ATTAINMENT, AUSTRALIA
FEBRUARY 1991**

J. L. CARROLL
Acting Australian Statistician

AUSTRALIAN BUREAU OF STATISTICS

CATALOGUE NO. 6235.0

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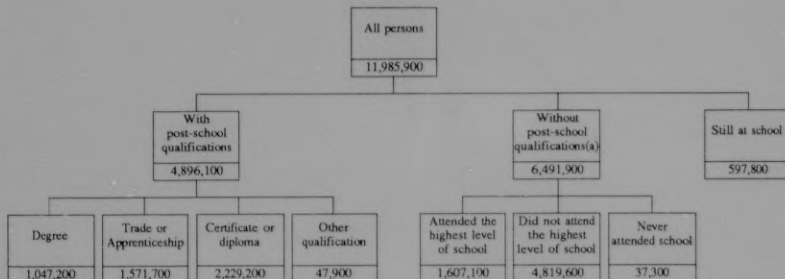
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INQUIRIES

- * for further information about statistics in this publication and the availability of related unpublished statistics, contact Ms Nicolle Wittmann on Canberra (06) 252 6578 or any ABS State office.
 - * for information about other ABS statistics and services please refer to the back page of this publication.
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SUMMARY OF FINDINGS

DIAGRAM 1. ALL PERSONS AGED 15 TO 69: EDUCATIONAL ATTAINMENT, FEBRUARY 1991
(Source : Table 5)



(a) Includes persons for whom secondary school qualifications could not be determined.

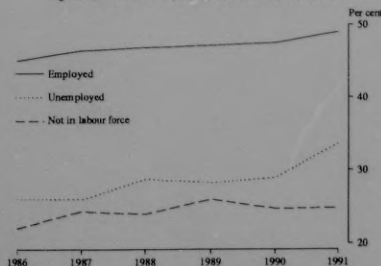
Overview

In February 1991 the estimated civilian population aged 15 to 69 was 11,985,900 persons, an increase of 187,500 since the previous year.

Persons without post-school qualifications (6,491,900) comprise the larger part of this population and 4,819,600 (74%) of these had not attended the highest level of school available. A further 1,607,100 (25%) had attended the highest level of schooling.

Persons with post-school qualifications numbered 4,896,100 and comprised 2,229,200 (46%) with a certificate or diploma, 1,571,700 (32%) with a trade qualification, 1,047,200 (21%) with a degree or higher and 47,900 (1%) with other qualifications.

DIAGRAM 2. PROPORTION OF PERSONS IN A LABOUR FORCE CATEGORY WITH POST-SCHOOL QUALIFICATIONS, FEBRUARY 1986 TO 1991



Source: Table 1

It was estimated that 597,800 persons were attending school.

Since February 1986.....

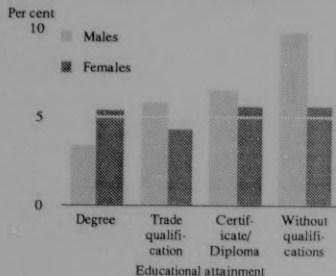
- the survey population has increased by 10 per cent (1,121,600)
- the number of persons with post-school qualifications has increased by 23 per cent (928,100)
- the number without post-school qualifications has increased by 2 per cent (97,100)
- there has been a decrease of 11 per cent (375,400) in the number of persons without qualifications who had left school at age 15 or under
- the proportion of employed persons with post-school qualifications has risen from 45 per cent to 49 per cent
- the proportion of unemployed persons with qualifications has increased from 26 per cent to 34 per cent.

Since February 1990.....

- an extra 197,100 persons were recorded as having post-school qualifications (4%)
- persons with certificates/diplomas were the major component of this increase, rising by 139,500 (71%)
- the age group 45 to 54 recorded the largest increase in the number of persons with post-school qualifications rising by 67,100
- the number of employed persons with post-school qualifications increased by 83,300 (2%) while the number without decreased by 152,100 (4%)

- the number of unemployed persons with post-school qualifications increased by 101,000 (60%) and the number without increased by 109,000 (29%)
- the number of persons attending school increased by 32,500 (6%).

DIAGRAM 3. PROPORTION OF PERSONS IN AN EDUCATIONAL ATTAINMENT CATEGORY WHO WERE UNEMPLOYED, FEBRUARY 1991



Source: Table 4

Participation in the labour force

Persons with post-school qualifications had a labour force participation rate of 82.1 per cent compared to 65.4 per cent for those without post-school qualifications.

Of persons without post-school qualifications those who had attended the highest level of school available had a participation rate of 76.4 per cent and persons who had not attended at the highest level had a participation rate of 62.0 per cent.

Persons who had never attended school (37,300) had a participation rate of 25.6 per cent.

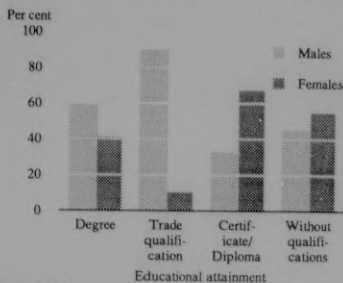
Persons not in the labour force

Since 1986 the number of persons in this category with a post-school qualification increased by 111,500 (15%). The number without a qualification declined by 88,000 (4%).

In February 1991, 25 per cent (874,700) of persons not in the labour force had post-school qualifications. Females accounted for 571,600 (65%) of these with the majority (421,300) holding certificates or diplomas.

Among the 2,246,700 persons without post-school qualifications only 379,500 (17%) had attended the highest level of secondary school available.

DIAGRAM 4. DISTRIBUTION OF POST-SCHOOL QUALIFICATIONS AMONG MALES AND FEMALES, FEBRUARY 1991



Source: Table 4

Educational characteristics of family members

In February 1991.....

- 50 per cent (1,984,000) of persons identified as husbands or wives with dependent children had a post-school qualification, while 39 per cent (1,551,000) had not attended the highest level of school available
- 51 per cent (189,300) of sole parents had not attended the highest level of school available while a further 40 per cent (147,600) had attained post-school qualifications
- 45 per cent (669,000) of persons who were not members of a family within the household had post-school qualifications.

Occupation

Just under half of the number of employed managers and administrators had post-school qualifications (408,900) compared to 89 per cent of professionals (872,700), 77 per cent of para-professionals (347,200) and 65 per cent of tradespersons (751,400). Labourers and related workers had the lowest proportion of persons with post-school qualifications at 24 per cent (284,100).

Industry

The industry recording the highest number of persons with post-school qualifications was community services with 70 per cent (947,300). The lowest level was in the agriculture, forestry, fishing and hunting industries with 31 per cent (126,500).

Of the 875,000 employed persons with degrees, 40 per cent were in the community services industry.

Three industries accounted for almost two-thirds of persons with trade qualifications. These were manufacturing with 296,000 (24%), wholesale and retail trade with 259,500 (21%) and construction with 251,100 (20%).

TABLE I. PERSONS AGED 15 TO 69(a) : LABOUR FORCE STATUS AND EDUCATIONAL ATTAINMENT,
FEBRUARY 1986 TO FEBRUARY 1991
(*000)

	1986	1987(b)	1988(b)	1989(b)	1990(b)	1991(b)
Employed	6,752.6	6,939.2	7,159.5	7,478.8	7,724.0	7,651.8
With post-school qualifications	3,035.8	3,217.5	3,349.5	3,526.0	3,668.9	3,752.2
Degree	687.3	683.7	734.5	770.4	834.4	875.0
Trade qualification	2,260.3	1,209.2	1,227.1	1,248.3	1,255.9	1,242.2
Certificate or diploma		1,299.3	1,368.7	1,491.1	1,532.3	1,604.1
Other		88.1	25.3	19.2	16.3	46.2	31.0
Without post-school qualifications(c)	3,615.7	3,603.5	3,689.7	3,808.2	3,911.0	3,758.9
Attended highest level of secondary school available	848.1	881.3	928.9	977.8	1,068.1	1,094.8
Did not attend highest level of secondary school available	2,758.4	2,695.0	2,725.4	2,802.4	2,813.9	2,638.8
left at age —						
16 and over	1,049.8	1,053.3	1,097.4	1,186.2	1,202.0	1,147.3
15 and under	1,708.6	1,641.7	1,627.9	1,616.2	1,611.9	1,491.6
Still at school	101.2	118.2	120.3	144.6	144.2	140.7
Unemployed	649.6	687.3	633.0	588.0	581.8	800.7
With post-school qualifications	169.1	178.1	181.8	165.9	168.3	269.3
Degree	27.9	25.4	27.2	32.3	37.5	44.2
Trade qualification	128.3	64.2	61.8	46.6	46.3	38.2
Certificate or diploma		85.3	89.5	83.6	80.5	131.2
Other		12.9	*3.2	*3.3	*3.4	4.0	5.7
Without post-school qualifications(c)	444.4	468.0	410.9	384.8	377.4	484.4
Attended highest level of secondary school available	97.6	109.1	97.2	96.9	96.6	132.8
Did not attend highest level of secondary school available	344.7	355.2	308.2	283.8	277.2	350.8
left at age —						
16 and over	130.7	143.0	130.1	118.3	118.7	153.4
15 and under	214.0	212.2	178.1	165.5	158.5	197.4
Still at school	36.0	41.2	40.3	37.3	36.1	45.1
Labour force	7,402.2	7,626.5	7,792.5	8,066.9	8,305.8	8,452.5
With post-school qualifications	3,204.9	3,395.7	3,531.3	3,691.9	3,837.1	4,021.5
Degree	715.2	709.1	761.7	802.7	871.9	919.1
Trade qualification	2,388.6	1,273.3	1,288.8	1,294.8	1,302.2	1,330.3
Certificate or diploma		1,384.6	1,458.3	1,574.6	1,612.8	1,735.3
Other		101.1	28.6	22.5	19.7	50.2	36.7
Without post-school qualifications(c)	4,060.1	4,071.4	4,100.5	4,193.1	4,288.4	4,245.3
Attended highest level of secondary school available	945.7	990.4	1,026.1	1,074.7	1,164.7	1,227.6
Did not attend highest level of secondary school available	3,103.1	3,050.1	3,033.6	3,086.2	3,091.1	2,989.6
left at age —						
16 and over	1,180.5	1,196.3	1,227.6	1,304.5	1,320.7	1,300.6
15 and under	1,922.6	1,853.9	1,806.0	1,781.7	1,770.4	1,689.0
Still at school	137.2	159.4	160.6	181.9	180.3	185.8
Not in labour force	3,462.1	3,473.6	3,576.5	3,530.5	3,492.5	3,533.4
With post-school qualifications	763.2	845.2	855.4	914.4	861.9	874.7
Degree	110.9	107.5	106.6	125.9	115.8	128.1
Trade qualification	615.5	254.4	262.9	269.0	255.3	241.4
Certificate or diploma		470.2	475.5	509.1	476.9	494.0
Other		36.7	13.1	13.3	10.4	13.9	11.2
Without post-school qualifications(c)	2,334.7	2,262.9	2,295.4	2,230.0	2,245.6	2,246.7
Attended highest level of secondary school available	328.5	318.0	334.2	330.6	371.0	379.5
Did not attend highest level of secondary school available	1,985.4	1,912.0	1,929.3	1,864.6	1,837.6	1,829.9
left at age —						
16 and over	446.2	430.9	444.1	440.3	434.5	432.6
15 and under	1,539.2	1,481.0	1,485.2	1,424.2	1,403.2	1,397.4
Still at school	364.2	365.6	425.7	386.2	385.0	412.0
All persons	10,864.3	11,100.1	11,369.0	11,597.4	11,798.4	11,985.9
With post-school qualifications	3,968.0	4,240.8	4,386.7	4,606.2	4,699.0	4,896.1
Degree	826.1	816.6	868.4	928.6	987.7	1,047.2
Trade qualification	3,004.1	1,527.7	1,551.8	1,563.8	1,557.5	1,571.7
Certificate or diploma		1,854.8	1,930.8	2,083.7	2,089.7	2,229.2
Other		137.8	41.7	35.8	30.1	64.1	47.9
Without post-school qualifications(c)	6,394.8	6,334.3	6,360.0	6,423.0	6,534.0	6,491.9
Attended highest level of secondary school available	1,274.1	1,308.3	1,360.3	1,405.3	1,535.7	1,607.1
Did not attend highest level of secondary school available	5,088.5	4,962.1	4,962.9	4,950.7	4,928.7	4,819.6
left at age —						
16 and over	1,626.7	1,627.2	1,671.7	1,744.8	1,755.1	1,733.2
15 and under	3,461.8	3,334.9	3,291.2	3,205.9	3,173.6	3,086.4
Still at school	501.4	525.0	586.3	568.1	565.3	597.8

(a) See paragraph 13 of the Explanatory Notes. (b) Prior to February 1987 the data now published in the Educational attainment categories "Trade qualifications" and "Certificate or diploma" were published as "Trade, technical or other certificate". See paragraph 12 of the Explanatory Notes. (c) Includes persons who never attended school and those for whom attendance at secondary school could not be determined.

TABLE 2. PERSONS AGED 15 TO 69(a) : AGE AND EDUCATIONAL ATTAINMENT,
FEBRUARY 1986 TO FEBRUARY 1991
('000)

	1986	1987(b)	1988(b)	1989(b)	1990(b)	1991(b)
Aged 15 - 24	2,598.6	2,599.4	2,659.8	2,677.9	2,696.8	2,709.5
With post-school qualifications	577.0	540.0	560.2	555.8	576.8	611.2
Degree	79.2	85.0	78.6	86.7	102.4	112.2
Trade qualification	} 467.0 {	179.5	187.0	165.9	165.7	170.0
Certificate or diploma		267.9	287.1	298.5	299.1	320.9
Other		30.8	7.6	7.6	4.6	9.7	8.1
Without post-school qualifications(c)	1,520.2	1,534.3	1,513.3	1,554.0	1,554.7	1,500.4
Attended highest level of secondary school available	550.0	577.6	602.2	640.7	701.4	722.4
Did not attend highest level of secondary school available	968.6	952.4	907.2	908.8	846.9	773.0
Still at school	501.4	525.0	586.3	568.1	565.3	597.8
Aged 25 - 34	2,524.3	2,589.7	2,643.5	2,697.3	2,730.5	2,758.0
With post-school qualifications	1,200.5	1,262.4	1,331.9	1,346.5	1,357.1	1,412.2
Degree	308.5	303.1	335.4	325.9	325.3	347.5
Trade qualification	} 857.4 {	400.7	416.4	422.8	423.2	429.5
Certificate or diploma		544.9	570.2	589.3	593.0	620.7
Other		34.7	13.8	9.9	8.5	15.6	14.6
Without post-school qualifications(c)	1,323.8	1,327.3	1,311.6	1,350.8	1,373.5	1,345.8
Attended highest level of secondary school available	317.3	341.0	331.8	327.2	359.5	349.8
Did not attend highest level of secondary school available	1,003.1	976.3	969.4	1,011.2	1,001.7	986.5
Aged 35 - 44	2,211.5	2,304.4	2,387.9	2,457.7	2,527.0	2,591.5
With post-school qualifications	1,017.6	1,105.4	1,145.9	1,229.6	1,280.1	1,337.6
Degree	238.2	241.6	259.6	295.2	309.1	328.0
Trade qualification	} 744.1 {	370.8	370.4	375.5	387.5	388.6
Certificate or diploma		485.0	507.6	551.6	569.9	612.6
Other		35.2	8.0	8.2	7.4	13.7	8.5
Without post-school qualifications(c)	1,193.9	1,199.0	1,242.0	1,228.0	1,246.9	1,253.8
Attended highest level of secondary school available	179.4	184.8	206.9	216.1	229.2	255.3
Did not attend highest level of secondary school available	1,009.5	1,000.5	1,019.7	1,001.9	1,004.6	983.9
Aged 45 - 54	1,538.5	1,589.4	1,636.9	1,695.0	1,764.5	1,838.2
With post-school qualifications	599.5	663.1	675.4	759.3	773.0	840.1
Degree	111.7	102.8	111.7	130.5	148.3	154.8
Trade qualification	} 469.9 {	279.9	264.3	289.9	280.7	295.7
Certificate or diploma		275.6	294.7	334.9	331.0	381.7
Other		17.9	4.7	4.7	4.0	12.9	7.8
Without post-school qualifications(c)	939.0	926.3	961.5	935.7	991.5	998.1
Attended highest level of secondary school available	98.9	90.9	96.9	103.1	123.8	143.6
Did not attend highest level of secondary school available	831.3	819.8	847.4	818.9	855.6	842.5
Aged 55 - 69	1,991.4	2,017.3	2,040.9	2,069.6	2,079.6	2,088.8
With post-school qualifications	573.5	669.8	673.4	715.0	712.1	695.0
Degree	88.5	84.1	83.1	90.3	102.6	104.8
Trade qualification	} 465.7 {	296.8	313.6	309.7	300.6	288.0
Certificate or diploma		281.3	271.3	309.4	296.8	293.4
Other		19.2	7.6	5.4	5.6	12.2	8.9
Without post-school qualifications(c)	1,417.9	1,347.5	1,367.5	1,354.5	1,367.5	1,393.8
Attended highest level of secondary school available	128.6	114.0	122.5	118.1	121.9	136.1
Did not attend highest level of secondary school available	1,276.0	1,213.2	1,219.2	1,209.9	1,220.0	1,233.7
All persons	10,864.3	11,100.1	11,369.0	11,597.4	11,798.4	11,985.9
With post-school qualifications	3,968.0	4,240.8	4,386.7	4,606.2	4,699.0	4,896.1
Degree	826.1	816.6	868.4	928.6	987.7	1,047.2
Trade qualification	} 3,004.1 {	1,527.7	1,551.8	1,563.8	1,557.5	1,571.7
Certificate or diploma		1,854.8	1,930.8	2,083.7	2,089.7	2,229.2
Other		137.8	41.7	35.8	30.1	64.1	47.9
Without post-school qualifications(c)	6,394.8	6,334.3	6,396.0	6,423.0	6,534.0	6,491.9
Attended highest level of secondary school available	1,274.1	1,308.3	1,360.3	1,405.3	1,535.7	1,607.1
Did not attend highest level of secondary school available	5,088.5	4,962.1	4,962.9	4,950.7	4,928.7	4,819.6
Still at school	501.4	525.0	586.3	568.1	565.3	597.8

(a) See paragraph 13 of the Explanatory Notes. (b) Prior to February 1987 the data now published in the Educational attainment categories "Trade qualifications" and "Certificate or diploma" were published as "Trade, technical or other certificate". See paragraph 12 of the Explanatory Notes. (c) Includes persons who never attended school and those for whom attendance at a secondary school could not be determined.

TABLE 3. UNEMPLOYED PERSONS AGED 15 TO 69(a) : EDUCATIONAL ATTAINMENT, UNEMPLOYMENT RATE, AVERAGE AND MEDIAN DURATION OF UNEMPLOYMENT, FEBRUARY 1986 TO FEBRUARY 1991

Degree	Educational attainment							
	With post-school qualifications			Without post school qualifications				
	Trade qualification	Certificate or diploma	Total(b)	Attended highest level of secondary school available	Did not attend highest level of secondary school available	Total(c)	Total(d)	
								Degree
—'000—								
Total unemployed—								
1986	27.9	128.3		169.1	97.6	344.7	444.4	649.6
1987(e)	25.4	64.2	85.3	178.1	109.1	355.2	468.0	687.3
1988(e)	27.2	61.8	89.5	181.8	97.2	308.2	410.9	633.0
1989(e)	32.3	46.6	83.6	165.9	96.9	283.8	384.8	588.0
1990(e)	37.5	46.3	80.5	168.3	96.6	277.2	377.4	581.8
1991(e)	44.2	88.2	131.2	269.3	132.8	350.8	486.4	800.7
—per cent—								
Unemployment rate—								
1986	3.9	5.4		5.3	10.3	11.1	10.9	8.8
1987(e)	3.6	5.0	6.2	5.2	11.0	11.6	11.5	9.0
1988(e)	3.6	4.8	6.1	5.1	9.5	10.2	10.0	8.1
1989(e)	4.0	3.6	5.3	4.5	9.0	9.2	9.2	7.3
1990(e)	4.3	3.6	5.0	4.4	8.3	9.0	8.8	7.0
1991(e)	4.8	6.6	7.6	6.7	10.8	11.7	11.5	9.5
—weeks—								
Average duration of unemployment—								
1986	23.1	37.8		35.6	29.5	52.3	47.5	42.6
1987(e)	37.0	54.6	29.2	39.3	30.9	57.9	51.8	46.4
1988(e)	24.9	47.5	33.9	37.8	27.7	57.3	50.5	44.4
1989(e)	23.4	63.6	31.7	39.4	22.5	59.1	50.1	44.8
1990(e)	27.6	37.4	33.5	33.1	23.5	48.0	41.9	37.4
1991(e)	17.9	36.0	30.0	30.2	20.5	49.7	41.7	36.3
Median duration of unemployment—								
1986	8	11		11	10	20	16	13
1987(e)	11	15	10	12	11	24	18	14
1988(e)	7	15	8	9	9	24	17	13
1989(e)	8	19	8	9	8	18	13	11
1990(e)	8	8	7	8	6	13	10	9
1991(e)	8	13	11	11	9	18	13	13

(a) See paragraph 13 of the Explanatory Notes. (b) Includes persons with other post-school qualifications. (c) Includes persons who never attended school and those for whom attendance at a secondary school could not be determined. (d) Includes persons still at school. (e) Prior to February 1987 the data now published in the Educational attainment categories "Trade qualifications" and "Certificate or diploma" were published as "Trade, technical or other certificate". See paragraph 12 of the Explanatory Notes.

TABLE 4. PERSONS AGED 15 TO 69(a): LABOUR FORCE STATUS AND EDUCATIONAL ATTAINMENT, FEBRUARY 1991

Educational attainment	Employed			Unem- ployed	Labour force	Not in labour force	Total	Unem- ployment rate	Partici- pation rate
	Full-time	Part-time	Total						
MALES									
With post-school qualifications	2,213.4	116.7	2,330.0	154.4	2,484.5	303.1	2,787.5	6.2	89.1
Degree	522.1	29.4	551.5	21.2	572.7	48.8	621.5	3.7	92.1
Trade qualification	1,103.3	48.5	1,151.8	81.2	1,233.0	177.5	1,410.5	6.6	87.4
Certificate or diploma	570.8	37.3	608.1	47.6	655.7	72.6	728.4	7.3	90.0
Other	17.1	*1.4	18.6	4.5	23.0	4.1	27.1	19.5	85.0
Without post-school qualifications(b)	1,899.1	182.6	2,081.7	287.2	2,369.0	566.1	2,935.1	12.1	80.7
Attended highest level of secondary school available	519.8	85.2	605.0	70.1	675.2	120.6	795.8	10.4	84.8
Did not attend highest level of secondary school available	1,367.7	95.8	1,463.4	215.9	1,679.4	431.0	2,110.4	12.9	79.6
Left at age—									
18 and over	29.2	3.7	32.9	9.4	42.2	6.4	48.7	22.2	86.8
16 or 17	557.8	35.0	592.8	83.4	676.2	66.0	742.2	12.3	91.1
14 or 15	685.9	48.2	734.2	104.7	838.8	258.3	1,097.1	12.5	76.5
13 and under	94.7	8.9	103.6	18.5	122.1	100.4	222.5	15.1	54.9
Never attended school	4.4	*0.9	5.3	*0.4	5.8	11.5	17.3	*7.7	33.5
Still at school	*0.2	63.5	63.8	23.3	87.1	217.8	304.9	26.8	28.6
Total	4,112.7	362.8	4,475.5	465.0	4,940.5	1,087.0	6,027.5	9.4	82.0
FEMALES									
With post-school qualifications	922.9	499.3	1,422.2	114.9	1,537.0	571.6	2,108.6	7.5	72.9
Degree	240.6	82.9	323.4	23.0	346.5	79.3	425.7	6.6	81.4
Trade qualification	55.8	34.5	90.3	7.0	67.3	63.9	161.2	7.2	60.4
Certificate or diploma	618.3	377.6	995.9	83.6	1,079.6	421.3	1,500.9	7.7	71.9
Other	8.1	4.3	12.4	*1.2	13.7	7.1	20.8	*9.1	65.7
Without post-school qualifications(b)	973.3	703.9	1,677.2	199.1	1,876.3	1,680.6	3,556.9	10.6	52.8
Attended highest level of secondary school available	295.7	194.1	489.8	62.7	552.4	258.9	811.4	11.3	68.1
Did not attend highest level of secondary school available	670.6	504.8	1,175.4	134.9	1,310.3	1,398.9	2,709.2	10.3	48.4
Left at age—									
18 and over	13.4	7.7	21.0	3.6	24.7	18.4	43.0	14.7	57.4
16 or 17	304.9	195.7	500.6	56.9	557.5	341.8	899.3	10.2	62.0
14 or 15	317.1	273.1	590.2	66.1	656.3	850.1	1,506.4	10.1	43.6
13 and under	35.2	28.3	63.6	8.2	71.7	188.7	260.4	11.4	27.5
Never attended school	*1.7	*1.6	*3.3	*0.5	3.8	16.2	20.0	*13.3	18.9
Still at school	*0.2	76.7	76.9	21.8	98.7	194.2	292.9	22.0	33.7
Total	1,896.4	1,279.9	3,176.2	335.7	3,511.9	2,446.4	5,958.3	9.6	58.9
PERSONS									
With post-school qualifications	3,136.2	615.9	3,752.2	269.3	4,021.5	874.7	4,896.1	6.7	82.1
Degree	762.7	112.3	875.0	44.2	919.1	128.1	1,047.2	4.8	87.8
Trade qualification	1,159.1	83.0	1,242.2	88.2	1,330.3	241.4	1,571.7	6.6	84.6
Certificate or diploma	1,189.1	414.9	1,604.1	131.2	1,735.3	494.0	2,229.2	7.6	77.8
Other	25.3	5.7	31.0	5.7	36.7	11.2	47.9	15.6	76.6
Without post-school qualifications(b)	2,872.4	886.5	3,758.9	486.4	4,245.3	2,246.7	6,491.9	11.5	65.4
Attended highest level of secondary school available	815.5	279.3	1,094.8	132.8	1,227.6	379.5	1,607.1	10.8	76.4
Did not attend highest level of secondary school available	2,038.3	600.5	2,638.8	350.8	2,989.6	1,829.9	4,819.6	11.7	62.0
Left at age—									
18 and over	42.6	11.3	53.9	13.0	66.9	24.8	91.7	19.4	73.0
16 or 17	862.7	230.7	1,093.4	140.4	1,233.7	407.8	1,641.5	11.4	75.2
14 or 15	1,003.0	321.3	1,324.4	170.8	1,495.2	1,108.4	2,603.5	11.4	57.4
13 and under	130.0	37.2	167.2	26.6	193.8	289.0	482.9	13.7	40.1
Never attended school	6.1	*2.5	8.6	*0.9	9.6	27.7	37.3	*9.9	25.6
Still at school	*0.4	140.2	140.7	45.1	185.8	417.9	597.8	24.3	31.1
Total	6,009.1	1,642.7	7,651.8	800.7	8,452.5	3,533.4	11,985.9	9.5	70.5

(a) See paragraph 13 of the Explanatory Notes. (b) Includes persons for whom attendance at a secondary school could not be determined.

TABLE 5. PERSONS AGED 15 TO 69(a) : AGE AND EDUCATIONAL ATTAINMENT, FEBRUARY 1991 ('000)

Educational attainment	Age					Total	
	15 - 19	20 - 24	25 - 34	35 - 44	45 - 54		55 - 69
MALES							
With post-school qualifications	25.4	258.9	762.8	768.2	520.4	451.9	2,787.5
Degree	* 0.3	52.2	185.5	202.2	105.0	76.3	621.5
Trade qualification	7.8	138.3	389.2	349.0	268.0	258.3	1,410.5
Certificate or diploma	15.8	65.8	180.2	211.6	144.1	110.8	728.4
Other	* 1.5	* 2.5	7.9	5.5	* 3.3	6.5	27.1
Without post-school qualifications(b)	365.8	420.5	614.8	529.2	421.2	583.6	2,935.1
Attended highest level of secondary school available	173.6	191.2	171.1	128.3	68.2	63.4	795.8
Did not attend highest level of secondary school available	191.9	228.1	439.5	395.6	346.3	509.0	2,110.4
Left at age —							
18 and over	* 2.9	9.3	17.8	11.6	4.9	* 2.1	48.7
16 or 17	118.1	137.2	222.5	144.7	66.3	53.3	742.2
14 or 15	70.2	78.4	189.8	212.4	223.0	323.3	1,097.1
13 and under	* 0.6	* 3.2	9.4	26.8	52.1	130.4	222.5
Never attended school	* 0.4	* 0.2	* 1.9	* 3.0	3.6	8.2	17.3
Still at school	303.2	* 1.8	..	..	..	..	304.9
Total	694.3	681.2	1,377.6	1,297.4	941.5	1,035.5	6,027.5
FEMALES							
With post-school qualifications	53.3	273.7	649.4	569.5	319.7	243.1	2,108.6
Degree	* 0.1	59.5	161.9	125.9	49.8	28.5	425.7
Trade qualification	* 2.1	21.7	40.3	39.6	27.8	29.7	161.2
Certificate or diploma	50.2	189.2	440.4	401.0	237.6	182.5	1,500.9
Other	* 0.8	* 3.4	6.7	* 3.0	4.5	* 2.3	20.8
Without post-school qualifications(b)	320.8	393.3	731.0	724.6	576.9	810.2	3,556.9
Attended highest level of secondary school available	186.6	171.0	178.7	127.0	75.4	72.7	811.4
Did not attend highest level of secondary school available	133.1	219.9	547.0	588.3	496.3	724.7	2,709.2
Left at age —							
18 and over	* 2.5	9.6	15.4	8.1	* 3.4	4.0	43.0
16 or 17	77.5	127.7	282.5	217.0	103.5	91.1	899.3
14 or 15	51.6	80.1	235.7	326.0	320.9	492.2	1,506.4
13 and under	* 1.6	* 2.4	13.3	37.3	68.5	137.3	260.4
Never attended school	* 0.4	* 0.0	* 1.6	4.3	* 3.1	10.6	20.0
Still at school	291.2	* 1.6	..	..	..	..	292.9
Total	665.4	668.6	1,380.4	1,294.1	896.6	1,053.3	5,958.3
PERSONS							
With post-school qualifications	78.6	532.6	1,412.2	1,337.6	840.1	695.0	4,896.1
Degree	* 0.5	111.7	347.5	328.0	154.8	104.8	1,047.2
Trade qualification	9.9	160.0	429.5	388.6	295.7	288.0	1,571.7
Certificate or diploma	65.9	255.0	620.7	612.6	381.7	293.4	2,229.2
Other	* 2.3	5.9	14.6	8.5	7.8	8.9	47.9
Without post-school qualifications(b)	686.6	813.8	1,345.8	1,253.8	998.1	1,393.8	6,491.9
Attended highest level of secondary school available	360.2	362.2	349.8	255.3	143.6	136.1	1,607.1
Did not attend highest level of secondary school available	325.0	448.0	986.5	983.9	842.5	1,233.7	4,819.6
Left at age —							
18 and over	5.4	18.9	33.2	19.7	8.3	6.1	91.7
16 or 17	195.5	264.9	505.0	361.7	169.8	144.4	1,641.5
14 or 15	121.8	158.5	425.5	538.4	543.8	815.5	2,603.5
13 and under	* 2.2	5.6	22.7	64.1	120.6	267.7	482.9
Never attended school	* 0.8	* 0.2	3.5	7.3	6.8	18.8	37.3
Still at school	594.4	* 3.4	..	..	..	..	597.8
Total	1,359.7	1,348.8	2,758.0	2,591.5	1,838.2	2,088.8	11,985.9

(a) See paragraph 13 of the Explanatory Notes. (b) Includes persons for whom attendance at a secondary school could not be determined.

TABLE 6. PERSONS AGED 15 TO 69(a): EDUCATIONAL ATTAINMENT AND FAMILY STATUS(b), FEBRUARY 1991 ('000)

Family status	Educational attainment							
	With post-school qualifications			Without post-school qualifications				
	Degree	Trade qualification	Certificate or diploma	Total(c)	Attended highest level of secondary school available	Did not attend highest level of secondary school available	Total(d)	Total(e)
MALES								
Member of a family	492.9	1,198.3	599.4	2,312.0	642.2	1,752.7	2,417.5	5,010.0
Husband	427.6	1,023.2	501.9	1,968.4	312.9	1,281.6	1,612.8	3,581.2
With dependants present	276.4	574.9	304.5	1,165.6	187.6	646.3	842.4	2,007.9
Without dependants present	151.1	448.3	197.3	802.8	125.3	635.3	770.5	1,573.3
Sole parent	4.2	10.5	6.6	21.8	* 2.8	18.1	21.0	42.8
Other family head	6.0	17.7	7.6	31.6	7.4	27.9	35.5	67.1
Full-time student aged 15 - 24(f)	3.7	* 0.4	4.1	8.6	105.4	12.1	117.6	405.5
Other child of married couple or family head	45.8	133.6	73.7	257.2	199.7	375.8	577.8	835.7
Other relative of married couple or family head	5.6	12.8	5.5	24.4	13.8	37.2	52.8	77.8
Not a member of a family	109.1	169.2	106.9	390.4	125.3	286.6	417.9	810.2
Living alone	47.8	85.1	55.2	190.5	50.2	152.2	205.2	396.2
Not living alone	61.3	84.1	51.8	199.9	75.1	134.4	212.6	414.1
Family status not determined	19.5	43.0	22.1	85.1	28.2	71.1	99.7	207.3
Total	621.5	1,410.5	728.4	2,787.5	795.8	2,110.4	2,935.1	6,027.5
FEMALES								
Member of a family	329.0	139.1	1,270.6	1,755.4	676.0	2,351.3	3,058.4	5,089.2
Wife	254.9	111.9	982.8	1,360.4	368.2	1,850.6	2,239.2	3,599.6
With dependants present	158.8	61.7	592.8	818.9	216.5	904.7	1,130.4	1,949.3
Without dependants present	96.1	50.2	390.1	541.6	151.7	945.9	1,108.8	1,650.3
Sole parent	20.1	9.1	94.8	125.8	26.3	171.2	200.7	326.9
Other family head	6.7	* 2.5	29.5	39.8	12.1	87.8	101.5	141.6
Full-time student aged 15 - 24(f)	5.2	* 0.8	10.7	16.7	113.8	11.8	126.2	416.5
Other child of married couple or family head	39.4	13.8	141.1	196.7	146.2	186.4	336.2	534.1
Other relative of married couple or family head	* 2.8	* 1.0	11.7	15.9	9.4	43.6	54.6	70.5
Not a member of a family	83.5	16.6	175.3	278.6	102.9	280.1	387.0	668.6
Living alone	38.1	10.3	90.0	139.6	39.8	191.4	233.9	373.6
Not living alone	45.4	6.3	85.4	139.0	63.1	88.7	153.1	295.0
Family status not determined	13.2	5.5	54.9	74.7	32.5	77.8	111.4	200.6
Total	425.7	161.2	1,500.9	2,108.6	811.4	2,709.2	3,556.9	5,958.3
PERSONS								
Member of a family	821.9	1,337.4	1,870.0	4,067.3	1,318.2	4,104.0	5,475.9	10,099.2
Husband or wife	682.5	1,135.1	1,484.7	3,328.8	681.1	3,132.2	3,852.0	7,180.8
With dependants present	435.2	636.6	897.3	1,984.4	404.1	1,551.0	1,972.8	3,957.2
Without dependants present	247.3	498.5	587.4	1,344.4	277.0	1,581.2	1,879.2	3,223.6
Sole parent	24.4	19.6	101.4	147.6	29.2	189.3	221.7	369.6
Other family head	12.6	20.3	37.1	71.4	19.5	115.6	137.0	208.6
Full-time student aged 15 - 24(f)	8.9	* 1.2	14.8	25.4	219.2	23.9	243.8	822.0
Other child of married couple or family head	85.2	147.4	214.7	453.9	345.9	562.1	914.0	1,369.8
Other relative of married couple or family head	8.4	13.8	17.2	40.3	23.2	80.8	107.4	148.3
Not a member of a family	192.6	185.8	282.3	669.0	228.3	566.7	804.9	1,478.8
Living alone	85.9	95.4	145.1	330.2	90.1	343.6	439.2	769.7
Not living alone	106.7	90.4	137.1	338.8	138.2	223.1	365.7	709.1
Family status not determined	32.7	48.5	77.0	159.8	60.7	148.9	211.1	407.8
Total	1,047.2	1,571.7	2,229.2	4,896.1	1,607.1	4,819.6	6,491.9	11,985.9

(a) See paragraph 13 of the Explanatory Notes. (b) The family status classification has been changed to discriminate between "Sole parent" and "Other family head" previously combined under the grouping "Not married family head". For further information please refer to the publication *Labour Force Status and Other Characteristics of Families, Australia (Catalogue no. 6224.0)*. (c) Includes persons with other post-school qualifications. (d) Includes persons who never attended school and those for whom attendance at a secondary school could not be determined. (e) Includes persons still attending school. (f) Excludes persons aged 21 to 24 attending school.

TABLE 7. PERSONS AGED 15 TO 59(a) WITH A POST-SCHOOL QUALIFICATION: AGE, LABOUR FORCE STATUS AND SUMMARY OF DEMOGRAPHIC AND EDUCATIONAL CHARACTERISTICS, FEBRUARY 1991 ('000)

	Age					Employed	Unemployed	Not in labour force	Total
	15-24	25-34	35-44	45-54	55-69				
<i>Marital status—</i>									
Married	115.9	946.3	1,105.0	702.4	555.5	2,621.5	136.6	667.0	3,425.1
Not married	495.3	465.9	232.6	137.7	139.5	1,130.7	132.7	207.7	1,471.0
<i>Birthplace and period of arrival—</i>									
Born in Australia	525.9	1,063.0	909.3	530.0	465.8	2,730.9	170.9	592.2	3,494.0
Born outside Australia	85.3	349.2	428.4	310.1	229.2	1,021.3	98.4	282.4	1,402.1
Arrived before 1961	* 0.0	* 7.0	91.6	81.6	125.8	199.2	14.0	92.8	301.3
Arrived 1961-1970	16.4	105.4	88.0	118.9	62.5	294.4	23.5	43.8	291.5
Arrived 1971-1980	31.8	55.5	119.3	64.1	20.8	232.3	15.4	43.8	291.5
Arrived 1981-1990	34.8	177.9	127.9	45.5	19.8	294.5	41.7	69.6	405.8
Arrived 1991	* 2.3	* 3.3	* 1.7	* 0.0	* 0.3	* 0.9	3.7	* 2.9	7.5
<i>Country obtained qualification—</i>									
In Australia	590.3	1,241.1	1,098.2	640.0	524.4	3,196.6	213.1	684.2	4,093.9
Outside Australia	21.0	171.2	239.4	200.1	170.6	555.5	56.2	190.5	802.2
Main english-speaking countries	9.5	78.6	118.5	108.2	89.2	305.4	18.7	79.9	404.0
Other countries	11.4	92.6	120.9	91.9	81.5	250.1	37.5	110.6	398.2
<i>Year obtained qualification—</i>									
Before 1951	..	..	..	..	291.0	75.2	5.8	210.0	291.0
1951-1960	..	..	..	241.2	261.1	320.8	15.9	150.7	487.3
1961-1970	..	..	394.7	386.5	63.1	681.8	31.8	117.2	830.8
1971-1980	..	486.6	667.2	116.8	48.0	1,246.1	62.7	190.9	1,299.7
1981-1990	593.8	938.6	286.6	110.3	31.6	1,598.4	146.2	203.6	1,948.2
1991	30.1	5.9	* 2.7	* 0.3	* 0.1	30.0	6.8	* 2.4	39.2
<i>Main field of study—</i>									
<i>Degree—</i>									
Administration(b)	112.2	347.5	328.0	154.8	104.8	875.0	44.2	128.1	1,047.2
Law	27.8	66.3	54.0	20.0	15.7	158.8	6.4	18.5	183.8
Education	3.7	19.2	13.9	6.3	3.5	42.7	* 0.8	* 3.1	46.6
Medicine	12.8	51.3	59.7	28.3	13.8	138.6	5.6	21.7	165.9
Science, maths, computing	4.9	25.7	26.8	14.4	11.9	72.8	* 2.5	8.3	83.6
Veterinary, agric., forestry	25.8	63.2	52.3	25.8	10.6	150.7	9.0	18.0	177.8
Engineering	* 2.3	7.3	7.3	4.2	* 2.1	18.2	* 1.5	* 3.4	23.2
Architecture	6.9	32.5	33.5	16.5	20.2	91.9	4.1	13.6	109.6
Social sciences, arts, etc.	24.6	67.7	67.4	33.9	* 3.1	18.1	* 0.5	* 2.5	21.1
Other fields of degree	* 1.4	7.8	6.7	* 2.1	21.4	165.0	12.1	37.9	215.1
<i>Trade qualification—</i>	170.0	429.5	388.6	295.7	288.0	1,242.2	88.2	241.4	1,571.7
Metal	33.2	84.0	79.4	65.5	70.8	265.8	18.7	48.4	332.9
Service	16.2	27.7	30.9	15.6	12.7	67.6	3.6	31.9	103.1
Building	33.8	90.5	84.4	72.5	65.2	277.0	23.7	45.6	346.4
Electrical	18.1	52.0	52.1	30.8	26.4	154.5	6.6	18.2	179.4
Food and drink	18.4	35.9	25.3	19.4	18.9	94.4	8.7	14.9	118.0
Wood and furniture	5.7	17.1	11.2	7.8	11.8	42.0	3.8	7.7	53.5
Printing and allied	4.5	11.1	12.8	10.1	8.0	36.9	* 2.3	7.2	46.4
Automotive, mechanical	26.8	78.8	62.7	42.3	34.3	208.1	12.3	24.5	244.8
Footwear, clothing, textile	* 0.8	6.7	9.0	12.6	23.8	24.8	* 2.7	25.4	52.9
Other fields of trade	12.5	25.6	20.7	19.3	16.1	71.1	5.6	17.6	94.2
<i>Certificate or diploma—</i>									
Business administration(c)	320.9	620.7	612.6	381.7	293.4	1,604.1	131.2	494.0	2,229.2
Secretarial(d)	37.3	68.8	91.6	65.0	42.8	246.0	14.6	44.9	305.5
Education, teacher training	112.5	174.2	136.1	78.1	66.7	360.2	36.1	171.3	567.6
Nursing	20.9	64.0	85.0	46.1	32.3	180.0	11.6	56.7	248.4
Other health, paramedical	28.0	101.6	104.8	64.9	50.2	250.3	9.8	89.5	349.6
Science(e)	12.3	28.2	26.7	16.4	10.5	73.6	3.6	16.9	94.1
Engineering, architecture	22.1	38.5	36.6	19.2	13.6	108.1	7.3	14.5	129.9
Transport, communication	9.5	35.0	38.8	28.2	22.4	109.6	7.7	16.6	134.0
Social studies, arts, crafts	6.4	16.3	15.1	14.0	9.1	47.6	5.6	7.6	60.9
Other fields of certificate/diploma	18.4	32.1	25.8	20.4	20.0	66.7	12.4	37.7	116.8
<i>Other post-school qualifications</i>	53.5	61.8	52.1	29.4	25.6	161.9	22.3	38.1	222.3
<i>Persons</i>	8.1	14.6	8.5	7.8	8.9	31.0	5.7	11.2	47.9
Males	611.2	1,412.2	1,337.6	840.1	695.0	3,752.2	269.3	874.7	4,896.1
Females	284.2	762.8	768.2	520.4	451.9	2,330.0	154.4	303.1	2,787.5
	327.0	649.4	569.5	319.7	243.1	1,422.2	114.9	571.6	2,108.6

(a) See paragraph 13 Explanatory Notes.

(b) Includes Computing and Agriculture.

(c) Includes Business Studies and Commerce.

(d) Includes Commerce.

(e) Includes Typing and Data Processing.

TABLE 8. EMPLOYED PERSONS AGED 15 TO 69(a): EDUCATIONAL ATTAINMENT AND SUMMARY OF DEMOGRAPHIC AND EMPLOYMENT CHARACTERISTICS, FEBRUARY 1991 ('000)

	Educational attainment							
	With post-school qualifications				Without post-school qualifications			
	Degree	Trade qualification	Certificate or diploma	Total(b)	Attended highest level of secondary school available	Did not attend highest level of secondary school available	Total(c)	Total(d)
Age —								
15-24	89.3	143.0	246.3	484.5	479.5	504.0	985.9	1,611.2
25-34	293.9	377.8	453.3	1,134.6	265.8	617.9	888.5	2,023.1
35-44	292.7	342.8	491.4	1,133.4	195.0	682.4	884.5	2,017.9
45-54	140.4	250.4	304.6	700.5	105.6	527.2	638.8	1,339.2
55-69	58.6	128.2	108.5	299.2	48.8	307.3	361.1	660.4
Marital status —								
Married	589.4	922.4	1,093.3	2,621.5	488.0	1,761.3	2,266.5	4,881.1
Not married	285.6	319.7	510.8	1,130.7	606.8	877.5	1,492.4	2,763.7
Birthplace and period of arrival —								
Born in Australia	608.7	897.3	1,199.6	2,730.9	818.8	2,015.3	2,847.4	5,707.1
Born outside Australia	266.3	344.9	404.5	1,021.3	276.0	623.5	911.5	1,944.7
Arrived before 1961	43.2	83.1	72.1	199.2	33.4	163.3	199.1	398.3
Arrived 1961-1970	66.2	110.2	116.0	294.4	65.1	213.4	283.9	578.3
Arrived 1971-1980	64.2	72.0	94.2	232.3	93.0	130.8	225.6	462.7
Arrived 1981-1990	91.9	79.4	122.2	294.5	84.1	115.7	202.2	503.8
Arrived 1991	* 0.8	* 0.1	* 0.0	* 0.9	* 0.4	* 0.3	* 0.7	* 1.6
Status of worker —								
Wage and salary earners	776.6	971.5	1,400.7	3,173.8	976.6	2,700.4	3,196.7	6,502.7
Other	98.4	270.7	203.4	578.4	118.1	538.4	562.2	1,149.1
Full-time/part-time status —								
Full-time workers	762.7	1,159.1	1,189.1	3,136.2	815.5	2,038.3	2,872.4	6,009.1
Part-time workers	112.3	83.0	414.9	615.9	279.3	600.5	886.5	1,642.7
Occupation in current job —								
Managers and administrators	98.8	130.5	175.0	408.9	114.6	307.5	425.4	834.9
Professionals	572.6	37.0	261.8	872.7	67.3	41.0	109.7	983.5
Para-professionals	36.3	61.0	247.3	347.2	46.9	57.3	104.7	452.6
Tradespersons	16.2	688.4	74.9	751.4	84.3	317.6	403.9	1,156.8
Clerks	80.1	43.7	419.8	549.5	297.6	492.9	795.6	1,348.3
Salespersons and personal service workers	43.4	72.1	246.8	367.5	255.1	413.4	671.8	1,119.6
Plant and machine operators and drivers	7.4	103.0	56.1	170.8	58.5	339.4	400.4	571.5
Labourers and related workers	20.0	136.5	122.2	284.1	170.5	669.8	847.3	1,184.6
Industry of current job —								
Agriculture, forestry, fishing and hunting	14.2	36.1	73.0	126.5	50.2	219.5	272.0	407.3
Mining	12.4	27.8	14.9	55.0	10.3	31.5	42.4	97.3
Manufacturing	66.5	296.0	161.6	527.9	134.3	485.0	622.1	1,154.2
Electricity, gas and water	11.0	29.9	19.4	60.7	9.7	33.4	43.4	104.0
Construction	18.0	251.1	59.3	330.3	47.2	185.4	234.7	565.5
Wholesale and retail trade	76.6	259.5	250.6	590.1	292.8	631.6	928.9	1,617.3
Transport and storage	16.1	72.6	66.2	159.6	50.7	184.5	236.4	397.0
Communication	10.8	23.3	27.1	62.0	24.7	51.9	77.5	139.5
Finance, property and business services	184.0	50.8	228.0	467.1	182.6	221.0	407.6	879.3
Public administration and defence	78.0	35.0	78.7	194.0	64.5	103.8	169.9	364.2
Community services	350.8	71.8	520.9	947.3	114.7	281.1	399.3	1,349.8
Recreation, personal and other services	36.7	88.2	104.4	231.8	113.0	210.1	324.7	576.5
Persons	875.0	1,242.2	1,604.1	3,752.2	1,094.8	2,638.8	3,758.9	7,518.8
Males	551.5	1,151.8	608.1	2,330.0	605.0	1,463.4	2,081.7	4,475.5
Females	323.4	90.3	995.9	1,422.2	489.8	1,175.4	1,677.2	3,176.2

(a) See paragraph 13 of the Explanatory Notes. (b) Includes persons with other post-school qualifications. (c) Includes persons who never attended school and those for whom attendance at a secondary school could not be determined. (d) Includes persons still at school.

TABLE 9. UNEMPLOYED PERSONS AGED 15 TO 69(a) : EDUCATIONAL ATTAINMENT, SUMMARY OF DEMOGRAPHIC CHARACTERISTICS AND DURATION OF UNEMPLOYMENT, FEBRUARY 1991 ('000)

	Educational attainment							
	With post-school qualifications			Without post-school qualifications				
	Degree	Trade qualification	Certificate or diploma	Total(b)	Attended highest level of secondary school available	Did not attend highest level of secondary school available	Total(c)	Total(d)
— '000 —								
<i>Age —</i>								
15-24	9.8	17.8	38.2	67.3	92.9	136.2	229.9	342.3
25-34	19.0	28.1	42.9	92.1	21.0	92.5	114.2	206.2
35-44	9.7	20.2	30.2	60.8	11.6	62.4	74.7	135.5
45-54	4.1	12.0	13.8	30.8	3.9	37.3	41.6	72.3
55-69	* 1.6	10.2	6.1	18.3	* 3.4	22.4	26.1	44.4
<i>Marital status —</i>								
Married	20.9	49.7	63.2	136.6	28.8	148.1	177.9	314.4
Not married	23.3	38.5	68.0	132.7	104.0	202.7	308.5	486.3
<i>Birthplace and period of arrival —</i>								
Born in Australia	22.5	56.5	87.3	170.9	97.8	262.9	362.3	572.9
Born outside Australia	21.6	31.7	43.9	98.4	35.0	87.9	124.1	227.8
Arrived before 1961	* 0.9	6.6	6.3	14.0	* 1.8	12.9	14.8	28.8
Arrived 1961-1970	* 2.6	9.9	10.1	23.5	4.1	24.7	29.8	53.3
Arrived 1971-1980	* 2.1	5.6	7.7	15.4	9.0	22.5	31.6	49.1
Arrived 1981-1990	13.9	9.3	18.6	41.7	19.2	27.5	46.7	91.4
Arrived 1991	* 2.2	* 0.4	* 1.2	3.7	* 1.0	* 0.2	* 1.2	5.2
<i>Duration of current period of unemployment —</i>								
1 and under 4 weeks	12.3	15.0	29.0	57.2	31.4	51.8	83.4	155.8
4 and under 8 weeks	8.2	16.4	20.3	46.6	26.0	42.6	68.9	123.1
8 and under 13 weeks	7.7	11.4	20.0	39.1	25.1	45.1	70.7	118.1
13 and under 26 weeks	7.1	17.9	19.6	45.4	19.9	58.5	78.8	129.8
26 and under 52 weeks	5.3	11.9	17.2	35.5	13.3	53.2	67.1	107.1
52 and under 104 weeks	* 2.2	6.5	14.9	24.2	10.9	47.9	59.5	86.7
104 weeks and over	* 1.3	9.1	10.2	21.2	6.2	51.7	58.0	80.1
<i>Persons</i>	44.2	88.2	131.2	269.3	132.8	350.8	486.4	800.7
Males	21.2	81.2	47.6	154.4	70.1	215.9	287.2	465.0
Females	23.0	7.0	83.6	114.9	62.7	134.9	199.1	335.7
— per cent —								
<i>Unemployment rate</i>	4.8	6.6	7.6	6.7	10.8	11.7	11.5	9.5
<i>Unemployment/population ratio</i>	4.2	5.6	5.9	5.5	8.3	7.3	7.5	6.7

(a) See paragraph 13 of the Explanatory Notes. (b) Includes persons with other post-school qualifications. (c) Includes persons who never attended school and those for whom attendance at a secondary school could not be determined. (d) Includes persons still attending school.

TABLE 10. STATES AND TERRITORIES BY MAIN POPULATION TOTALS, FEBRUARY 1991
(*000)

Main survey populations	State of usual residence								
	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory	Australia
<i>Population 1:</i> Persons aged 15 to 69	4,071.1	3,102.9	2,025.7	1,011.8	1,151.8	314.3	105.7	202.4	11,985.9
<i>Population 2:</i> Employed persons aged 15 to 69	2,574.1	2,003.8	1,269.5	652.5	741.9	193.7	68.2	148.2	7,651.8
<i>Population 3:</i> Unemployed persons aged 15 to 69	241.6	209.1	149.8	69.9	88.3	22.4	7.5	12.2	800.7
<i>Population 4:</i> Persons aged 15 to 69 who are not in the labour force	1,255.5	890.0	606.4	289.4	321.7	98.3	30.1	42.0	3,533.4
<i>Population 5:</i> Persons aged 15 to 69 who are in the labour force	2,815.7	2,212.9	1,419.3	722.4	830.2	216.0	75.7	160.4	8,452.5
<i>Population 6:</i> Persons aged 15 to 69 with a degree qualification	371.9	280.4	144.4	68.4	103.2	24.0	8.9	46.1	1,047.2
<i>Population 7:</i> Persons aged 15 to 69 with a trade qualification	533.0	378.1	277.5	141.6	167.0	37.3	16.0	21.3	1,571.7
<i>Population 8:</i> Persons aged 15 to 69 with a certificate or diploma qualification	844.3	531.2	348.6	171.4	226.7	50.7	18.6	37.7	2,229.2
<i>Population 9:</i> Persons aged 15 to 25	971.5	779.0	524.6	244.0	288.1	75.8	30.0	58.5	2,971.4
<i>Population 10:</i> Persons aged 15 to 25 who attended an educational institution in the previous year	524.3	418.5	262.2	115.4	133.0	37.1	13.5	34.9	1,539.0
<i>Population 11:</i> Employed persons aged 15 to 69 with a degree qualification	312.7	236.7	115.4	55.8	86.3	19.8	7.6	40.7	875.0
<i>Population 12:</i> Employed persons aged 15 to 69 with a trade qualification	426.9	300.1	216.6	108.1	130.0	30.8	12.3	17.4	1,242.2
<i>Population 13:</i> Employed persons aged 15 to 69 with a certificate or diploma qualification	600.6	401.1	241.8	126.4	158.0	34.7	13.6	27.9	1,604.1
<i>Population 14:</i> Persons aged 15 to 69 with a post-school qualification	1,763.2	1,200.1	780.6	386.6	500.8	113.7	44.5	106.8	4,896.1

EXPLANATORY NOTES

Introduction

The monthly population survey (which is described in *The Labour Force, Australia* (6203.0)) comprises the monthly labour force survey and supplementary topics. This publication contains some results of a supplementary survey run in association with the February 1991 labour force survey conducted throughout Australia.

2. Of the respondents to the labour force survey, those who fell within the scope of the supplementary survey were asked additional questions. They were asked about their highest educational qualifications. For persons with post-school qualifications, the information sought included field of study, and year and country in which they obtained their highest qualification; and for those without post-school qualifications, it included whether they completed the highest level of secondary schooling available, and if not, at what age they left school.

Scope

3. The scope of this supplementary survey includes all persons aged 15 to 69 except:

- (a) members of the permanent defence forces;
- (b) certain diplomatic personnel of overseas governments, customarily excluded from census and estimated populations;
- (c) overseas residents in Australia;
- (d) members of non-Australian defence forces (and their dependants) stationed in Australia;
- (e) visitors to private dwellings;
- (f) some patients in hospitals and sanitoriums; and
- (g) inmates of reformatories, gaols etc.

Coverage

4. In the population 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. See *The Labour Force, Australia* (6203.0) for more details.

Definitions

5. Further definitions of labour force and demographic classifications appearing in this publication are given in *The Labour Force, Australia* (6203.0).

6. Unless otherwise stated, all characteristics referenced in this publication relate to the week before the interview.

Results of the survey

7. Due to differences in the scope and method of estimation used in this supplementary survey and that used in the labour force survey, there are some small variations between estimates in this publication and those in the corresponding issue of *The Labour Force, Australia* (6203.0).

8. The estimates in this publication refer to information collected in the survey month and, due to seasonal factors, may not be representative of other months of the year.

9. Results of similar surveys, conducted annually since February 1979, have been given in previous issues of this publication.

10. This survey will be conducted again in February 1992.

Unpublished tables

11. 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 Ms Nicolle Wittmann on Canberra (06) 252 6578.

Discontinuities in the series

12. Since February 1987 an expanded classification of post-school qualifications has been used. As a result a small number of persons previously categorised as "Degree" or "Other" may now be included in the categories "Trade qualification" or "Certificate or diploma".

13. Persons aged 70 and over are no longer required to answer the supplementary survey questions on educational attainment. Time series tables have been revised to provide estimates of persons in the age range of 15 to 69 years.

Survey sample redesign

14. The Labour Force Survey (LFS) sample has been redesigned and reselected using information collected in the 1986 Population Census. As a result, the standard errors used in this supplementary survey differ from those used in surveys of the same topic run prior to September 1987. For details, see *Information Paper—Labour Force Survey—Sample Design* (6269.0).

Estimation procedure

15. The estimates are derived from the population survey by use of a ratio estimation procedure which ensures that the estimates conform to an independently estimated distribution of the population for each capital city and remainder of state by age, gender and labour force status, rather than to the corresponding distribution within the sample itself.

Reliability of the estimates

16. Estimates in this publication are subject to sampling and non-sampling error. For more information refer to the Technical Note, on page 15.

Related publications

17. Other ABS publications which may be of interest include:

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

Transition from Education to Work, Australia (6227.0) — issued annually.

Labour Force Status and Educational Attendance, Australia (6272.0) — issued annually.

Schools, Australia (4221.0) — issued annually.

Employer Training Expenditure, Australia (6353.0) — issued irregularly, latest issue: July to September 1990.

How Workers Get Their Training, Australia (6278.0) — issued irregularly, first and latest issue: 1989.

Career Paths of Tradespersons, Australia (6243.0) — issued irregularly, latest issue: 1989.

Career Paths of Qualified Nurses, Australia (6277.0) — issued irregularly, first and latest issue: 1989.

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

Symbols and other usages

- * subject to sampling variability too high for most practical uses. See the Technical Note.
- .. not applicable

19. Because estimates have been rounded, discrepancies may occur between sums of the component items and totals.

TECHNICAL NOTE

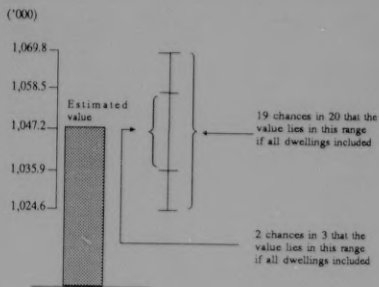
Estimation procedure

Since the estimates in this publication are based on information obtained from occupants of a sample of dwellings, they are subject to sampling variability, that is, they may differ from those that would have been produced if all dwellings had been included in the survey. One measure of the likely difference is given by the *standard error*, which indicates the extent to which an estimate might have varied by chance because only a sample of dwellings was included. There are about two changes in three that a sample estimate will differ by less than one standard error from the number that would have been obtained if all dwellings had been included, and about nineteen chances in twenty that the difference will be less than two standard errors. Another measure of the likely difference is the *relative standard error*, which is obtained by expressing the standard error as a percentage of the estimates.

2. Space does not allow for the separate indication of the standard errors of all estimates in this publication. A table of standard errors for general application is given on the following page. Since they are averages based on calculations for a limited number of past surveys over a wide range of labour force characteristics these numbers will not give a precise measure of the standard error of a particular estimate but they will provide an indication of its magnitude.

3. An example of the calculation and the use of standard errors in relation to estimates of persons is as follows. Table 4 shows the estimated number of persons with a Degree qualification in February 1991 is 1,047,200. Since this estimate is between 1,000,000 and 2,000,000 in the standard error table, the standard error for Australia will be between 11,100 and 14,300 and can be approximated by interpolation as 11,300 (rounded to the nearest 100). Therefore, there are about two chances in three that the value that would have been produced if all dwellings had been included in the survey will fall in the range 1,035,900 to 1,058,500 and about nineteen changes in twenty that the value will fall within the range 1,024,600 to 1,069,800. This example is illustrated in the following diagram.

4. As can be seen from the standard error table, the smaller the estimate the higher is the relative standard error. Very small estimates are thus subject to such high standard error (relative to the size of the estimate) as to detract seriously from their value for most reasonable uses. In the tables in this publication only estimates with relative standard errors of 25 per cent 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. *3.4) to indicate they are subject to high standard errors and should be used with caution.



5. Proportions and percentages formed from the ratio of two estimates are also subject to sampling errors. The size of the error depends on the accuracy of both the numerator and the denominator. A formula to approximate the relative standard error (RSE) of a proportion is given below:

$$RSE(x/y) = \sqrt{[RSE(x)]^2 + [RSE(y)]^2}$$

6. Considering the example from paragraph 3 above, of the 1,047,200 persons with a Degree qualification in February 1991, 919,100 or 87.8 per cent participated in the labour force. The standard error of 919,100 is approximately 10,600 so the relative standard error is 1.2 per cent. The relative standard error for 1,047,200 is 1.1 per cent. Applying the above formula, the relative standard error of the proportion is $\sqrt{(1.2)^2 + (1.1)^2}$ or 0.5 per cent, giving a standard error for the proportion (87.8 per cent) of 0.4 percentage points. Therefore, there are about two chances in three that the participation rate of persons with a Degree qualification in February 1991 is between 87.4 per cent and 88.2 per cent and nineteen chances in twenty the proportion is within the range 87.0 per cent to 88.6 per cent.

7. Published estimates may also be used to calculate the difference between two survey estimates (of numbers or percentages). Such an estimate is subject to sampling error. The sampling error of the difference between two estimates depends on their standard errors and the relationship (correlation) between them. An approximate standard error (SE) of the difference between two estimates (x-y) may be calculated by the following formula:

$$SE(x-y) = \sqrt{[SE(x)]^2 + [SE(y)]^2}$$

8. While this formula will only be exact for differences between separate and uncorrelated characteristics of sub-populations it is expected to provide a good

approximation for all differences likely to be of interest in this publication.

9. The imprecision due to sampling variability, which is measured by the standard error, should not be confused with inaccuracies that may occur because of imperfections in reporting by interviewers and respondents, and errors

made in coding and processing data. Inaccuracies of this kind are referred to as the *non-sampling error*, and they 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.

STANDARD ERRORS OF ESTIMATES

Size of estimate	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia	
									number	per cent of estimate
100			130	110	120	80	130	100	120	117.6
200	230	230	190	160	180	120	170	140	180	89.0
300	290	280	240	200	220	150	210	170	230	75.2
400	340	330	280	230	250	180	240	200	270	66.6
500	380	370	310	260	280	200	260	220	300	60.5
600	420	410	340	280	310	220	280	240	340	55.9
800	480	470	390	330	350	250	320	270	390	49.2
1,000	540	530	440	370	390	280	360	300	450	44.5
1,300	620	610	500	410	440	320	400	340	510	39.6
1,500	660	650	530	440	470	340	430	360	560	37.0
1,800	720	710	580	480	510	360	470	390	610	34.0
2,000	760	750	610	510	540	380	490	410	650	32.4
2,500	850	840	680	560	600	420	540	450	730	29.2
3,000	920	910	740	610	650	450	590	490	800	26.8
3,500	990	980	800	660	700	480	630	520	870	24.9
4,000	1,050	1,050	850	700	740	510	670	550	930	23.3
4,500	1,100	1,100	900	730	780	540	710	580	990	22.0
5,000	1,200	1,150	940	770	820	560	750	600	1,050	20.9
6,000	1,300	1,250	1,000	830	880	600	810	650	1,150	19.1
10,000	1,600	1,600	1,300	1,050	1,100	730	1,050	800	1,500	14.8
20,000	2,200	2,200	1,750	1,400	1,500	920	1,400	1,050	2,050	10.4
50,000	3,250	3,250	2,600	2,050	2,150	1,200	2,150	1,500	3,150	6.3
100,000	4,300	4,300	3,400	2,650	2,850	1,500	3,000	1,900	4,300	4.3
200,000	5,700	5,600	4,500	3,450	3,700	1,750	4,200	2,450	5,800	2.9
300,000	6,600	6,600	5,200	3,950	4,300	1,900		2,800	6,900	2.3
500,000	8,000	7,900	6,300	4,750	5,200	2,100		3,300	8,400	1.7
1,000,000	10,300	10,100	8,100	6,000	6,600				11,100	1.1
2,000,000	13,000	12,800	10,300	7,500	8,400				14,300	0.7
5,000,000	17,600	17,100	13,900						19,700	0.4
10,000,000	21,800								24,800	0.2

GLOSSARY

Average duration of unemployment: obtained by dividing the aggregate number of weeks a group has been unemployed by the number of persons in that group.

Certificate or diploma: completion of an approved certificate or diploma in secretarial or business studies, administration, teaching, nursing, etc.

Degree: a bachelor degree (including honours), a graduate or post-graduate diploma, masters degree or a doctorate.

Educational attainment: measures the highest qualification obtained by the respondent. Qualifications may include those obtained at other than educational institutions (e.g. nursing qualifications obtained at a hospital).

Highest level of secondary school available: the highest level of secondary schooling (or equivalent) offered by the education system at the time the respondent left school.

Industry: all occurrences of industry in this publication refer to Industry Division as defined by the Australian Standard Industry Classification (ASIC).

Main field of study: respondents with a degree; trade qualification; or a certificate or diploma (as defined) indicated the main field of study for their highest qualification.

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.

Occupation: all occurrences of occupation in this publication refer to Major Group as defined by the Australian Standard Classification of Occupation (ASCO).

Other post-school qualifications: completion of other types of education, e.g. adult education, preparatory/bridging course or non-vocational course.

Post-school qualifications: qualifications held by those persons who had left school and answered 'Yes' to the question: 'Since leaving school have you obtained a trade qualification, certificate, diploma, degree or any other qualification?'. Respondents indicated which of the following groups best described their highest qualification: Degree; Trade qualification; Certificate or diploma; Other post-school qualification.

Still at school: current school attendance was recorded only for persons aged fifteen to twenty years.

Trade qualification: completion of an approved trade/technical apprenticeship in fitting and turning, hairdressing, plumbing, carpentry, etc. See paragraph 12 of the Explanatory Notes, page 13.

Unemployment/population ratio: the number of unemployed persons, for any group, expressed as a percentage of all persons in the same group.

DATA ITEMS AND HOW TO ORDER SPECIAL TABLES FROM THIS SURVEY

The ABS offers a range of unpublished data from this survey upon request. When ordering special tables from this survey, please ensure you identify the **population(s)** and the **variable(s)** which you require.

This section specifies the variables and populations which relate to the survey and includes an order form for special tables.

The population(s) for a particular variable refers to the persons in the survey to whom the variable relates.

POPULATIONS

- POPULATION 1: Persons aged 15 to 69
- POPULATION 2: Employed persons aged 15 to 69
- POPULATION 3: Unemployed persons aged 15 to 69
- POPULATION 4: Persons not in the labour force aged 15 to 69
- POPULATION 5: Persons in the labour force aged 15 to 69
- POPULATION 6: Persons aged 15 to 69 who had a degree qualification
- POPULATION 7: Persons aged 15 to 69 who had a trade/technical qualification or apprenticeship
- POPULATION 8: Persons aged 15 to 69 who had a certificate or diploma
- POPULATION 9: Persons aged 15-25 years
- POPULATION 10: Persons aged 15-25 years who attended an educational institution last year
- POPULATION 11: Employed persons aged 15 to 69 who had a degree qualification
- POPULATION 12: Employed persons aged 15 to 69 who had a trade/technical qualification or apprenticeship
- POPULATION 13: Employed persons aged 15 to 69 who had a certificate or diploma
- POPULATION 14: Persons aged 15 to 69 with a post-school qualification

VARIABLE	POPULATIONS	VARIABLE	POPULATIONS
1 STATE OF USUAL RESIDENCE	All	8 PERIOD OF ARRIVAL	All
Australia		Born in Australia	
New South Wales		Born outside Australia	
Victoria		Arrived before 1961	
Queensland		Arrived 1961-1970	
South Australia		Arrived 1971-1980	
Western Australia		Arrived 1981-1990	
Tasmania		Arrived 1991	
Northern Territory		Not asked (Boarding school pupils)	
Australian Capital Territory			
2 AREA OF USUAL RESIDENCE	All	9 AGE	All
Metropolitan		15-19	
Non-metropolitan		20-24	
		25-34	
3 DISSEMINATION REGION	All	35-44	
Standard labour force dissemination regions		45-54	
		55-59	
4 SEX	All	60-64	
Males		65-69	
Females		N.B. Other age groupings are available	
5 MARITAL STATUS	All	10 LABOUR FORCE STATUS	1,6-10,14
Married		Labour force	
Not-married		Employed	
		Unemployed	
6 FAMILY STATUS	All	Not in labour force	
Member of a family		Unemployment rate	
Husband or wife		Participation rate	
With dependants present			
Without dependants present		11 STATUS OF WORKER	2,11-13
Sole parent		Wage and salary earners	
Other family head		Other	
Full-time student aged 15-24 (a)			
Other child of family head		12 FULL-TIME / PART-TIME STATUS (ALL JOBS)	2,11-13
Other relative of family head		Full-time workers	
Not a member of a family		Part-time workers	
Living alone			
Not living alone		13 OCCUPATION	2,11-13
Family status not determined		Managers and administrators	
(a) Excludes persons aged 20-24 attending school		Professionals	
		Para-professionals	
7 BIRTHPLACE	All	Tradespersons	
Born in Australia		Clerks	
Born outside Australia		Salespersons and personal service workers	
Born in main English-speaking countries(a)		Plant and machine operators, and drivers	
Born in other countries		Labourers and related workers	
Not asked (boarding school pupils)			
(a) Comprises United Kingdom, Ireland, Canada, South Africa, U.S.A. and New Zealand		14 INDUSTRY	2,11-13
N.B. More detailed country groupings available.		Agriculture, forestry, fishing and hunting	
		Mining	
		Manufacturing	
		Electricity, gas and water	
		Construction	
		Wholesale and retail trade	
		Transport and storage	
		Communication	
		Finance, property and business services	
		Community services	
		Recreation, personal and other services	

VARIABLE	POPULATIONS	VARIABLE	POPULATIONS
15 EDUCATIONAL ATTAINMENT	1,5,9-10	19 TYPE OF INSTITUTION ATTENDED LAST YEAR	10
With post-school qualifications		Primary school / secondary school	
Degree		Other	
Trade qualification or apprenticeship		20 WHETHER ATTENDED FULL-YEAR OR PART-YEAR	10
Certificate or diploma		Attended full-year	
Other		Attended part of year	
Without post-school qualifications		21 STUDENT STATUS LAST YEAR	10
Attended highest level of secondary school available		Full-time	
Did not attend highest level of secondary school available		Part-time	
Left at age -		22 DURATION OF CURRENT PERIOD OF UNEMPLOYMENT	3
18 years or over		1 and under 4 weeks	
17 years		4 and under 8 weeks	
16 years		8 and under 13 weeks	
15 years		13 and under 26 weeks	
14 years		26 and under 52 weeks	
13 years or under		52 and under 104 weeks	
Never attended school		104 weeks and over	
Secondary school qualifications not determined		23 COUNTRY OBTAINED QUALIFICATION	6-8,11-14
Still at school		In Australia	
16 MAIN FIELD OF STUDY - DEGREE	6,11	Outside Australia	
Administration, business studies, commerce		Main English-speaking countries	
Law		Other countries	
Education		24 YEAR OBTAINED HIGHEST POST-SCHOOL QUALIFICATION	6-8,11-14
Medicine		Before 1950	
Science, mathematics, computing		1950 - 1960	
Veterinary science, agriculture, forestry		1961 - 1970	
Engineering		1971 - 1980	
Architecture		1981 - 1985	
Social sciences, arts, humanities		1986 - 1990	
Other		1991	
17 MAIN FIELD OF STUDY - TRADE QUALS / APPRENTICESHIP	7,12		
Metal			
Service			
Building			
Electrical			
Food and drink			
Wood and furniture			
Printing and allied			
Automotive, mechanical			
Footwear, clothing, textile			
Other			
18 MAIN FIELD OF STUDY - CERTIFICATE OR DIPLOMA	8,13		
Business, administration, commerce			
Secretarial, typing, data processing			
Education, teacher training			
Nursing			
Other health, para-medical			
Science, computing, agriculture			
Engineering, architecture			
Transport, communication			
Arts, social studies, crafts			
Other			

SPECIAL DATA REQUESTS

LABOUR FORCE STATUS AND EDUCATIONAL ATTAINMENT, AUSTRALIA, FEBRUARY 1991

Please specify your special data request(s) on the order form (or on a photocopy of the form) provided on the following page.

The following points should be noted when requesting special tables:

1. Table requests will be available on computer printout, floppy disk or microfiche.
2. The current cost of special tables is as follows —

No. of variables (excluding populations)	Cost per table (\$)
2	120
3	150
4	210
5	300
6 or more	negotiable

NOTE (i) For tables provided on floppy disk, an additional cost of \$65.00 per disk will be charged;

(ii) For tables provided on microfiche, an additional cost of \$50.00 plus \$5.00 per microfiche will be charged;

(iii) Prices quoted are subject to revisions.

3. Return the completed **SPECIAL DATA REQUEST ORDER** form to —

Assistant Director
Education Sub-section
Australian Bureau of Statistics
PO Box 10
Belconnen ACT 2616

4. The invoiced cost is payable in full within 28 days of receipt of the data.
5. Any inquiries about this order should be directed to Ms Nicole Wittmann on (06) 252 6578.

EDUCATION AND TRAINING - RELATED PUBLICATIONS

LABOUR FORCE STATUS AND EDUCATIONAL ATTENDANCE, AUSTRALIA, SEPTEMBER 1990 (Catalogue No. 6272.0)

This annual publication released on 22nd July 1991 provides current information from a household based survey on the level of educational attainment of the Australian population aged 15 to 24. It also monitors trends in education by providing information on the main field of study and time series data by age and labour force status.

The publication features information on:

- socio-demographic characteristics such as state, age, family status, labour force status and education attainment for the whole population
- summaries of the characteristics of sub-groups of the population such as employed and unemployed persons, persons with tertiary qualifications and persons who were attending an educational institution in the previous year
- time series of educational attainment by age, labour force status and duration of unemployment
- a selection of the findings from the survey
- a glossary and technical note to help explain the concepts and methodologies used.

The publication *Labour Force Status and Educational Attendance, Australia, September 1990* also includes a full list of the extensive range of data items collected in the survey that will assist you in ordering tailored tables to meet your individual requirements.

To order your copy of *Labour Force Status and Educational Attendance, Australia, September 1990*, priced at \$10.00, please fill in the details on the **ABS BOOKSHOP ORDER FORM** located at the back of this publication.

TRANSITION FROM EDUCATION TO WORK, AUSTRALIA, MAY 1990 (Catalogue No. 6227.0)

This annual publication, released on 18th December 1990, provides annual information from a household based survey on the labour force characteristics of persons aged 15 to 64 in the educational system, both at the time of the survey and in the previous calendar year. For those attending and those not attending an educational institution it gives a broad picture of their contribution to the workforce, their level of education and the type of work they are engaged in.

The publication features information on:

- socio-demographic characteristics such as gender, age, labour force status and educational attainment
- work history details such as occupation and industry
- type of institution attending
- type of school last attended
- level of course attended/attending
- highest level of education obtained
- information on the characteristics of apprentices.

The publication *Transition from Education to Work, Australia, May 1990* also includes a full list of the extensive range of data items collected in the survey that will assist you in ordering tailored tables to meet your individual requirements.

To order your copy of *Transition from Education to Work, Australia, May 1990*, priced at \$12.50, please fill in the details on the **ABS BOOKSHOP ORDER FORM** located at the back of this publication.

EMPLOYER TRAINING EXPENDITURE, AUSTRALIA, JULY TO SEPTEMBER 1990 (Catalogue No. 6353.0)

This publication was released on 22 May 1991 and it shows that in the September quarter 1990, Australian employers spent the equivalent of 2.6% of gross wages and salaries on the formal training of their employees.

The publication features detailed statistics on:

- training expenditure for 34 industries, three employer sizes, two payroll sizes and sector
- the time employees spent receiving formal training for 10 separate fields of in-house and external training
- costs of training such as wages and salaries of trainers and trainees, fees paid to consultants and training institutions
- other training costs such as expenditure on materials, equipment, travel, accommodation, training rooms and contributions to training institutions.

Extensive unpublished statistics on training expenditure are also available and the publication contains lists of data items that may be used to order specialised tables to suit individual requirements.

To order your copy of *Employer Training Expenditure, Australia, July to September 1990*, priced at \$25.00 please fill in the details on the **ABS BOOKSHOP ORDER FORM** located at the back of this publication.

SCHOOLS, AUSTRALIA, 1990 (Catalogue No. 4221.0)

This publication, released on 29th May 1991, provides statistics on schools, students and staff involved in the provision or administration of primary and secondary education, in government and non-government schools.

The publication features information on:

- Schools classified by type
- Students classified by age level/year of education, sex and type of school attended
- Staff classified by category of school and major function.

For the first time the publication includes tables showing student/teaching staff ratios and student/total school staff ratios.

To order your copy of *Schools, Australia, 1990*, priced at \$20.00, please fill in the details on the **ABS BOOKSHOP ORDER FORM** located at the back of this publication.

LABOUR STATISTICS, AUSTRALIA, 1989 (Catalogue No. 6101.0)

This publication provides a wealth of information, including time series statistics, on the Australian labour market in tabular and graphical forms. Selected features highlight some of the more significant elements and trends.

Aspects of the Australian labour market covered in this publication include:

- Socio-demographic characteristics of the labour force.
- employment, unemployment and underemployment
- persons not in the labour force
- award rates, labour costs and employment benefits
- hours worked, Industrial relations, training expenditure
- international comparisons.

This 166-page publication can also be obtained from the ABS Bookshop in your state capital city for \$25.00.

To order your copy of *Labour Statistics, Australia, 1989*, please fill in the details on the **ABS BOOKSHOP ORDER FORM** located at the back of this publication.



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ISSN 0158-5282