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Statistics

1989

HOW WORKERS GET THEIR TRAINING AUSTRALIA



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HOW WORKERS GET THEIR TRAINING, AUSTRALIA 1989

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ADDITIONAL DATA ON REQUEST

The ABS offers a range of unpublished data from this survey on request.

Appendix D (page 45) specifies the variable, categories 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.

SUMMARY OF FINDINGS

Overview

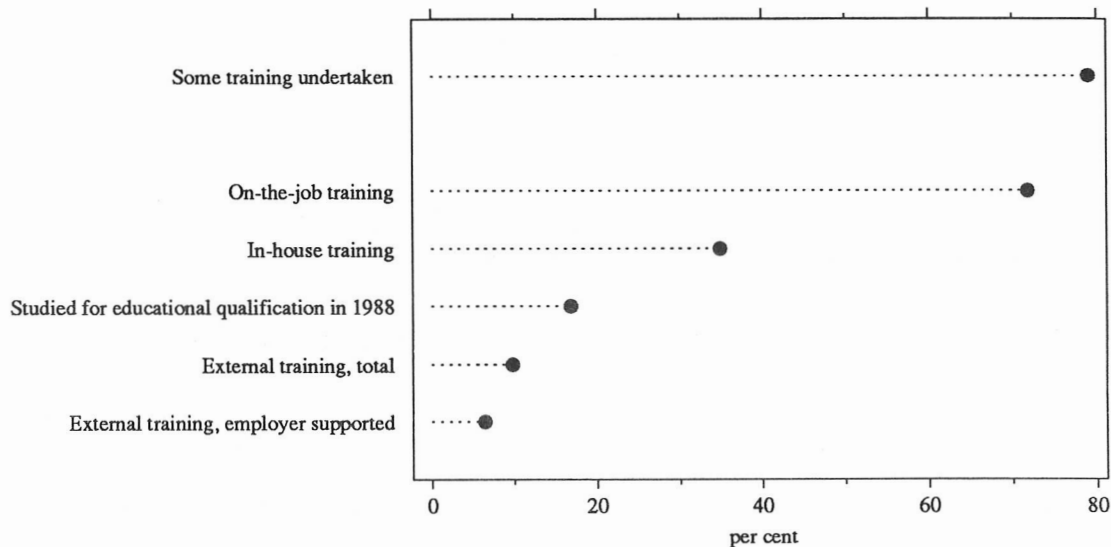
The great majority of Australian workers are getting some training. Of those persons who had a wage or salary job in the twelve months to July 1989, 79 per cent undertook some form of training in that period.

Some 72 per cent of all employees received on-the-job training. A little more than a third undertook in-house training courses, 17 per cent studied for an educational qualification, and 10 per cent attended at least one external training course. Some workers received more than one form of training.

No training at all was undertaken by an estimated 21 per cent of the 6,704,700 persons who had a wage or salary job in the twelve months to July 1989.

The number of wage and salary earners undertaking training decreased with age from 93 per cent of persons aged 15 to 24 years, to 49 per cent of persons aged 55 to 64 years. Relatively few undertook study for an educational qualification after the age of 44 years.

DIAGRAM 1. PERSONS WHO HAD A WAGE OR SALARY JOB IN THE LAST 12 MONTHS: PARTICIPATION IN TRAINING BY CATEGORY OF TRAINING UNDERTAKEN IN THE LAST 12 MONTHS, 1989



Source: Table 1

Persons with post-school qualifications undertook more training over the twelve month period than those without such qualifications (84 per cent and 75 per cent respectively). This difference was particularly evident for in-house training where 44 per cent of persons with post-school qualifications undertook this training compared with 27 per cent of those without qualifications.

Gender

A similar proportion of males and females undertook training in external courses, in-house courses, on-the-job training, and study for an educational qualification.

However, for full-time workers, a higher proportion of females (84 per cent) undertook some training than did males (79 per cent). More female full-time workers received training than did their male counterparts in all industries except Agriculture, forestry, fishing and hunting, Manufacturing, Communication, and Recreational, personal and other services.

The nature of training received varied by industry. For example, in the Manufacturing industry males and females received on-the-job training in similar proportions (68 and 67 per cent respectively), while males received more external training (9 per cent, 7 per cent), and in-house training (28 per cent, 19 per cent), and more males than females studied for an educational qualification (14 per cent, 9 per cent).

Birthplace

Four out of five Australian born workers received some training.

However participation by migrants born in main English speaking countries was somewhat higher (79 per cent) than that for migrants born in other countries (70 per cent).

Main employer

Some 27 per cent of workers started with their main employer in the past year and 86 per cent of these received some training. (Main employer is defined here as the employer for whom the person worked most weeks as a wage and salary earner in the twelve months up to the survey).

For those who began more than twelve months ago, 77 per cent undertook training, and they were more likely than the newer employees to have attended external or in-house training courses.

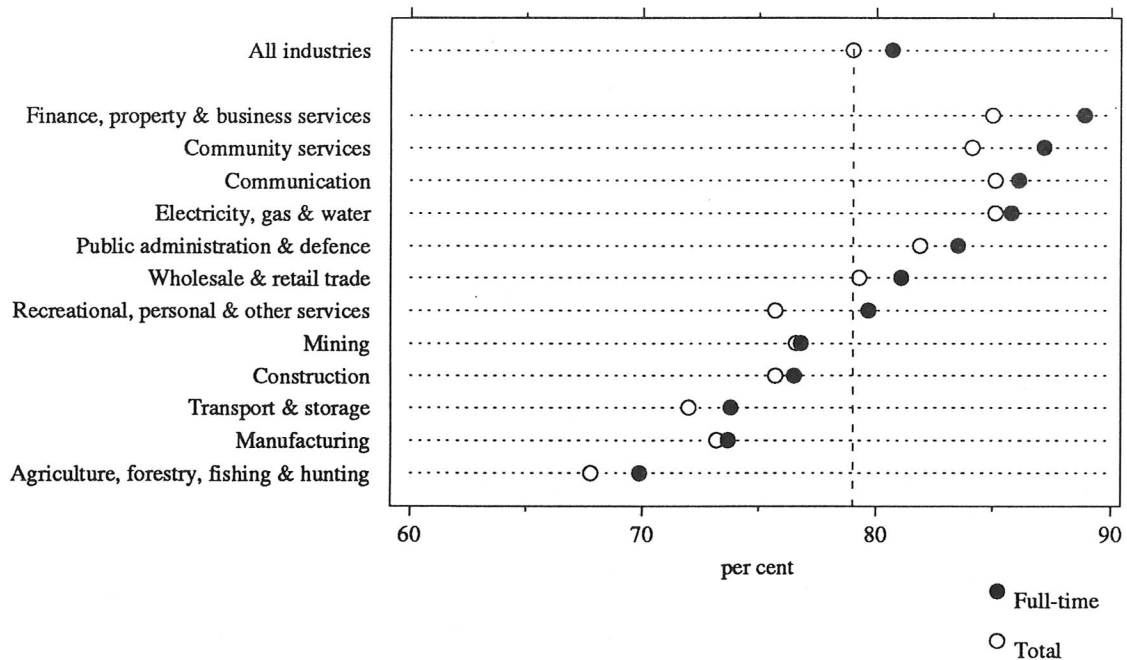
Sector

Some 84 per cent of public sector employees received training compared with 77 per cent of workers in the private sector. For in-house training the proportion of public sector workers taking courses (52 per cent) was nearly double that for the private sector (28 per cent).

Industry

Industries in which employees reported a high participation in training were the Electricity, gas and water, Communication, and Finance, property and business services industries (each with 85 per cent). Employees in the Agriculture, forestry, fishing and hunting industry reported the lowest participation (68 per cent) with only 9 per cent receiving in-house training.

DIAGRAM 2. PERSONS WHO HAD A WAGE OR SALARY JOB IN THE LAST 12 MONTHS: PARTICIPATION IN TRAINING BY INDUSTRY AND FULL-TIME/TOTAL WORKERS, 1989

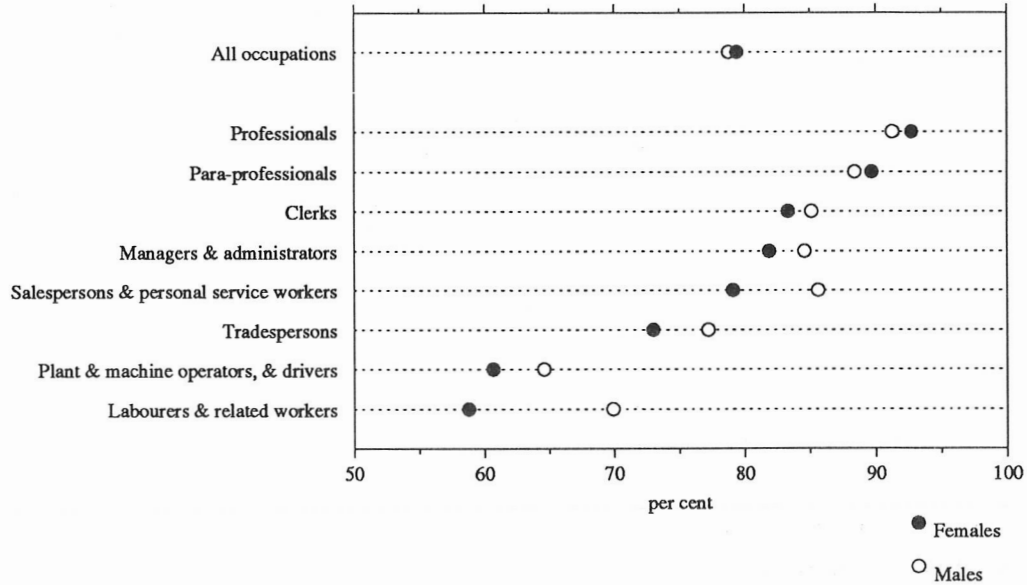


Source: Table 2

Occupation

Professionals had the highest participation in training (92 per cent) and 23 per cent of this group undertook study for an educational qualification in 1988. Plant and machine operators, and drivers recorded the lowest rate (64 per cent).

DIAGRAM 3. PERSONS WHO HAD A WAGE OR SALARY JOB IN THE LAST 12 MONTHS: PARTICIPATION IN TRAINING BY OCCUPATION, 1989



Source: Table 3

Permanent/casual employees

For permanent employees, 81 per cent undertook some training compared with 71 per cent for casual employees. Permanent employees were twice as likely to attend external or in-house training courses.

Size of location (employees)

The incidence of training increased with the number of employees at the business location. For locations with less than 10 employees, 76 per cent of workers received some training, whereas the estimate was 81 per cent for locations with 100 or more employees. Greater emphasis was placed on in-house and employer supported external training courses for employees from the larger business locations.

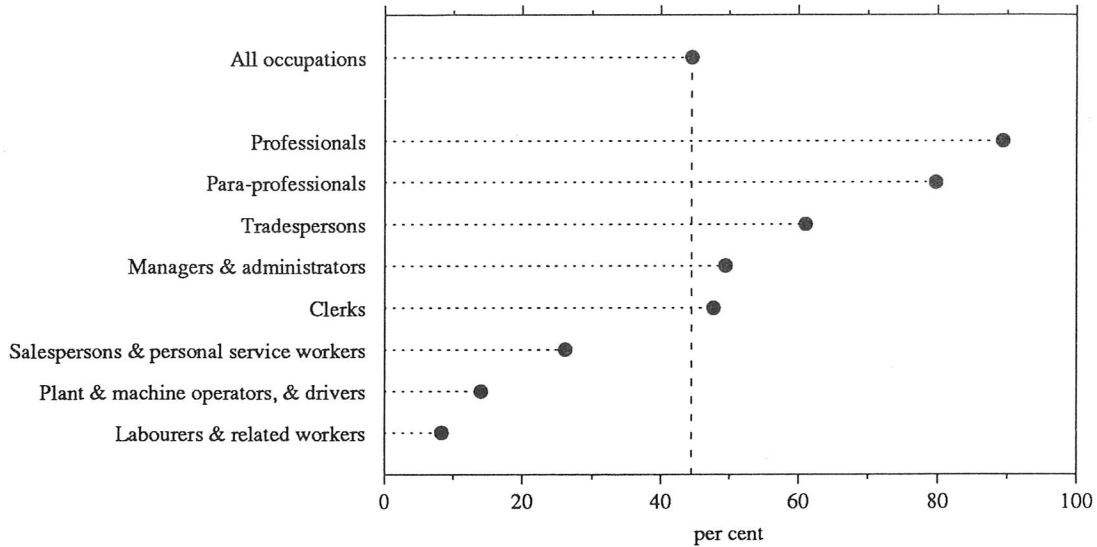
Qualifying training

Of the 6,704,700 persons who had a wage or salary job during the year, 32 per cent (2,122,400) required a post-school qualification to secure their main job, and 13 per cent (863,400) required a secondary school certificate.

Some 69 per cent of Professionals required a diploma, bachelor degree or higher qualification to obtain their jobs, and 45 per cent of Tradespersons required a trade qualification or apprenticeship.

For public sector, and private sector employees, 63 per cent and 37 per cent respectively required an educational qualification to obtain their jobs.

DIAGRAM 4. PERSONS WHO HAD A WAGE OR SALARY JOB IN THE LAST 12 MONTHS: OCCUPATION BY PROPORTION WHO REQUIRED AN EDUCATIONAL QUALIFICATION TO OBTAIN JOB WITH MAIN EMPLOYER, 1989



Source: Table 8

Of the 2,985,800 persons who needed an educational qualification for their jobs, 29 per cent (853,700) received employer support in gaining that qualification. Of workers who needed to complete a trade qualification or apprenticeship, 64 per cent received employer support in obtaining that qualification.

In-house training courses

Some 2,337,500 persons who had a wage or salary job in the last twelve months attended in-house training courses. Of these persons, 42 per cent attended one course only, and 14 per cent attended 5 or more courses.

About 26 per cent of those attending an in-house training course nominated management and professional training as the type of course on which they spent most time.

Of those undertaking in-house training, 331,500 (14 per cent) stated that the main type of course taken had helped them obtain a promotion, while a further 17 per cent (388,000) felt that the training would be likely to help them gain a promotion.

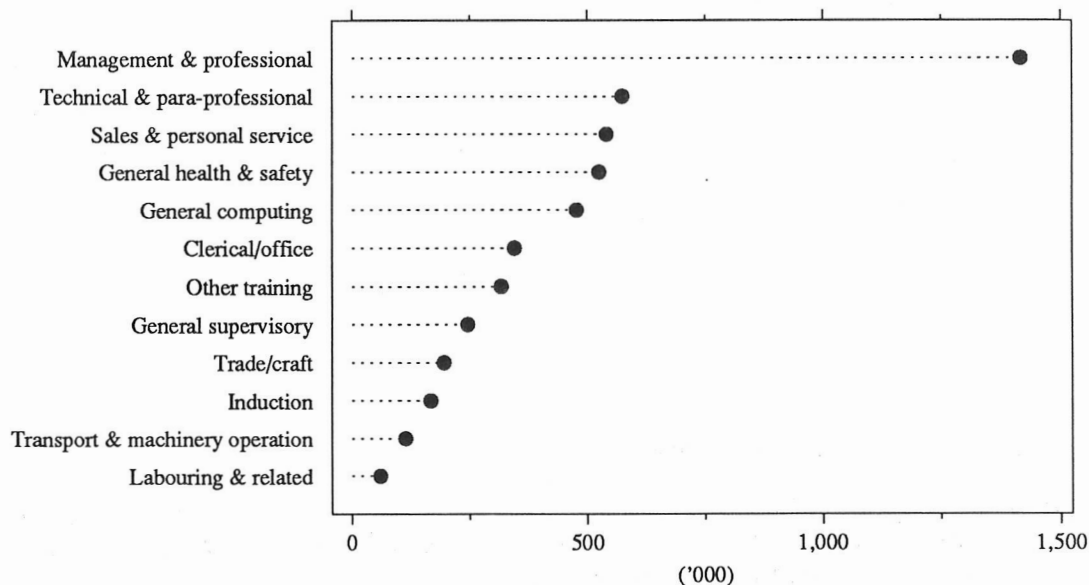
Some 39 per cent reported spending between 1 and 9 hours on the main in-house training course, while 22 per cent reported 40 hours or more.

Persons attending in-house courses attended an average 2.1 principal courses during the year (principal courses refer to the first four in-house courses on which workers spent the most time). Approximately 34 per cent spent a total of 40 or more hours on those courses, while 26 per cent spent less than 10 hours.

Of the places taken on principal in-house training courses:

- 54 per cent were taken by private sector employees;
- 56 per cent were taken by males;
- 32 per cent were taken by employees in the Community services industry;
- 25 per cent were taken by employees in the Professionals occupation group;
- 28 per cent were for Management and professional training;
- 13 per cent were of 40 or more hours duration while 52 per cent took 1 to 9 hours; and
- 82 per cent provided the trainee with transferable skills.

DIAGRAM 5. IN-HOUSE TRAINING COURSE PLACES TAKEN IN THE LAST 12 MONTHS: TYPES OF IN-HOUSE TRAINING COURSES, 1989



External training courses

An estimated 658,400 persons who had a wage and salary job during the year took 1,012,400 places on principal external training courses during the year. Most of these courses were taken while working. Two-thirds of persons who had undertaken an external training course while working had employer support for that course.

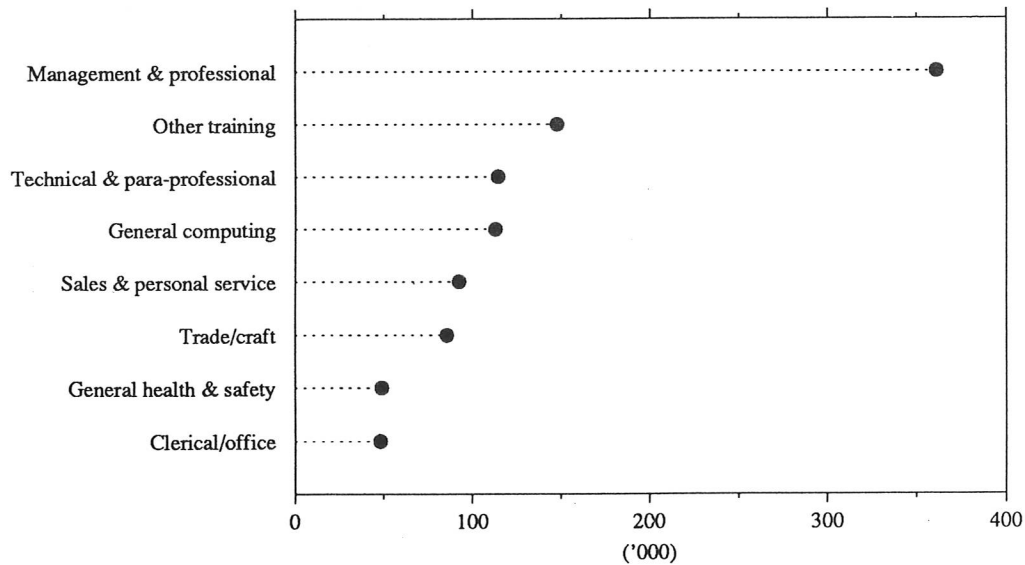
Some 445,700 workers undertook one external course only, representing 68 per cent of all persons who attended an external training course. Management and professional training was reported by 32 per cent of those taking an external course as their main type of external training.

For 77 per cent of those taking an external course, the main course attended took less than 40 hours, and for 41 per cent the main course was for less than 10 hours.

Of the estimated 1,012,400 places on principal external training courses:

- 64 per cent were taken by private sector employees;
- 60 per cent were taken by males;
- 32 per cent were taken by persons in the Community services industry;
- 34 per cent were taken by employees in the Professionals occupation group;
- 36 per cent were for Management and professional training; and
- 17 per cent were of 40 or more hours duration, and 42 per cent lasted less than 10 hours.

DIAGRAM 6. EXTERNAL TRAINING COURSE PLACES TAKEN IN THE LAST 12 MONTHS: TYPES OF EXTERNAL TRAINING COURSES, 1989



Source: Table 36

Study for an educational qualification in 1988

Of the estimated 1,124,000 persons who held a wage or salary job in the last twelve months, and who studied for an educational qualification in 1988, 352,300 received employer support to undertake that study. Of those who received employer support, 82 per cent studied part time or by correspondence.

SECTION 1. WHO RECEIVES TRAINING?

TABLE 1. PERSONS WHO HAD A WAGE OR SALARY JOB IN THE LAST 12 MONTHS : SUMMARY OF CHARACTERISTICS AND CATEGORIES OF TRAINING UNDERTAKEN IN THE LAST 12 MONTHS, 1989

	Training courses undertaken							Total
	Studied for educational qualification in 1988	External training			Some training undertaken	No training undertaken	Total	
		Employer supported	Total	In-house On-the-job				
	— per cent —							('000)
Marital status —								
Married	9.0	7.0	10.1	36.0	66.6	74.5	25.5	4,031.6
Not married	28.5	5.5	9.4	33.1	79.6	86.0	14.0	2,673.1
Family status —								
Member of a family	15.9	6.4	9.6	34.4	70.9	78.3	21.7	5,441.4
Husband or wife	9.0	7.0	10.1	36.2	66.6	74.5	25.5	3,901.8
With dependents present	8.7	7.2	10.5	37.5	68.0	76.1	23.9	2,367.2
Without dependents present	9.3	6.8	9.6	34.3	64.5	72.1	27.9	1,534.6
Other family head	12.4	5.0	10.7	32.2	70.7	77.9	22.1	273.8
Full-time student aged 15-24(a)	85.4	* 0.9	* 2.2	23.5	81.5	99.1	* 0.9	136.5
Other child of married couple or family head	32.9	5.2	8.5	30.7	84.9	89.2	10.8	1,051.5
Other relative of married couple or family head	22.1	* 2.9	* 3.5	23.8	77.1	81.3	18.7	77.8
Not a member of a family	20.0	7.2	11.8	38.6	76.1	83.1	16.9	960.7
Family status not determined	22.6	4.6	8.2	30.5	74.6	80.4	19.6	302.7
Birthplace and period of arrival —								
Born in Australia	17.9	6.3	9.9	36.2	73.3	80.6	19.4	5,039.0
Born outside Australia	13.2	6.7	9.6	30.8	67.2	74.4	25.6	1,665.8
Main English speaking countries	12.7	8.5	12.9	37.3	71.9	79.4	20.6	777.0
Other countries	13.7	5.2	6.8	25.0	63.1	70.0	30.0	888.7
Arrived before 1960	5.5	7.5	11.3	30.7	54.5	62.9	37.1	272.4
Arrived 1960 — 1969	9.7	6.6	9.5	31.7	61.3	68.8	31.2	473.3
Arrived 1970 — 1979	17.5	6.3	8.9	31.4	70.2	76.9	23.1	435.2
Arrived 1980 — 1989	17.2	6.7	9.5	29.4	77.4	84.0	16.0	484.8
Age (years) —								
15 — 24	37.9	4.2	7.1	30.3	87.7	92.6	7.4	1,705.3
25 — 34	13.8	7.8	11.9	39.6	76.0	83.2	16.8	1,939.1
35 — 44	9.0	8.0	12.0	40.2	68.1	77.1	22.9	1,621.9
45 — 54	5.2	6.5	9.3	31.5	56.5	64.6	35.4	977.9
55 — 64	2.9	3.1	4.7	20.4	40.9	49.0	51.0	460.5
Level of educational attainment —								
With post-school qualifications	17.2	9.9	14.9	44.2	76.2	84.1	15.9	3,172.6
Post-graduate degree or graduate diploma	20.6	18.5	28.0	59.8	84.4	92.9	7.1	315.7
Bachelor degree or diploma	23.4	15.8	21.8	56.2	84.9	90.8	9.2	747.6
Trade qualification or apprenticeship	9.4	5.6	8.5	31.5	65.8	74.3	25.7	936.0
Post-secondary certificate	18.8	7.4	12.1	42.6	76.6	85.3	14.7	1,143.7
Other	* 12.1	* 7.9	* 12.1	32.8	79.4	83.4	* 16.6	29.6
Without post-school qualifications(b)	16.4	3.2	5.2	26.5	67.9	74.5	25.5	3,532.1
Attended highest level of secondary school available	33.4	6.2	8.5	36.6	79.4	87.5	12.5	1,006.6
Did not attend highest level of secondary school available	9.4	2.0	3.8	22.4	63.2	69.2	30.8	2,496.5
Left at age —								
16 years or over	14.4	2.5	4.8	26.7	72.8	79.0	21.0	1,091.0
15 years or under	5.6	1.6	3.1	19.1	55.7	61.7	38.3	1,405.5
Total	16.8	6.4	9.8	34.9	71.8	79.0	21.0	6,704.7
<i>Males</i>	17.0	7.4	10.4	35.1	71.1	78.8	21.2	3,740.7
<i>Females</i>	16.5	5.2	9.1	34.6	72.7	79.4	20.6	2,964.0
				— '000 —				
Total	1,124.0	429.2	658.4	2,337.5	4,814.4	5,300.1	1,404.6	6,704.7
<i>Males</i>	634.1	276.5	388.3	1,311.2	2,659.0	2,947.5	793.2	3,740.7
<i>Females</i>	489.9	152.7	270.1	1,026.4	2,155.4	2,352.6	611.5	2,964.0

(a) Excludes persons attending school. (b) Includes those who never attended school and those for whom secondary school qualifications could not be determined.

TABLE 2. PERSONS WHO HAD A WAGE OR SALARY JOB IN THE LAST 12 MONTHS : FULL-TIME OR PART-TIME WORKERS, INDUSTRY AND CATEGORIES OF TRAINING UNDERTAKEN IN THE LAST 12 MONTHS, 1989

Industry	Training courses undertaken							Total
	Studied for educational qualification in 1988	External training			Some training undertaken	No training undertaken	Total	
		Employer supported	Total	In-house				
MALES, FULL-TIME WORKERS								
— per cent —								
('000)								
Agriculture, forestry, fishing and hunting	11.8	* 2.7	* 5.0	11.0	66.7	70.1	29.9	101.0
Mining	11.8	* 8.0	12.9	44.6	66.2	74.4	25.6	85.0
Manufacturing	13.8	7.1	9.0	27.9	67.5	74.6	25.4	885.4
Electricity, gas and water	13.2	9.4	11.9	59.8	73.1	85.5	14.5	108.4
Construction	18.0	4.0	7.0	19.2	70.2	75.7	24.3	315.5
Wholesale and retail trade	15.8	6.2	9.4	30.1	73.9	79.9	20.1	584.0
Transport and storage	8.6	5.1	7.4	31.7	59.4	69.4	30.6	245.3
Communication	10.2	* 7.1	8.8	61.4	73.1	87.3	12.7	105.0
Finance, property and business services	20.9	15.3	17.9	52.0	81.5	88.1	11.9	287.5
Public administration and defence	17.2	10.9	13.5	49.9	70.8	80.3	19.7	238.9
Community services	19.1	10.3	16.2	56.8	77.6	87.1	12.9	397.4
Recreational, personal and other services	11.7	6.4	8.9	26.8	74.7	80.6	19.4	139.3
Total	15.3	7.8	10.7	36.4	71.4	79.0	21.0	3,492.5
FEMALES, FULL-TIME WORKERS								
— per cent —								
('000)								
Agriculture, forestry, fishing and hunting	* 16.7	* 2.3	* 2.3	* 7.7	66.6	68.7	* 31.3	13.9
Mining	* 21.5	* 14.9	* 17.2	* 43.4	92.3	94.6	* 5.4	11.0
Manufacturing	9.1	4.4	6.6	19.2	66.8	71.0	29.0	281.9
Electricity, gas and water	* 13.2	* 15.6	* 15.6	55.6	84.3	87.9	* 12.1	14.5
Construction	* 12.3	* 12.9	* 20.5	* 29.5	79.5	87.0	* 13.0	22.8
Wholesale and retail trade	13.3	4.2	7.0	30.1	76.2	83.4	16.6	324.1
Transport and storage	17.3	* 8.5	13.5	55.2	82.7	92.1	* 7.9	60.1
Communication	* 12.9	* 10.1	* 14.6	48.2	67.0	81.6	* 18.4	28.1
Finance, property and business services	20.1	7.4	10.0	48.8	84.7	89.6	10.4	305.4
Public administration and defence	18.7	10.3	14.0	62.0	82.7	90.4	9.6	109.4
Community services	20.9	9.8	16.0	56.8	80.0	87.2	12.8	517.5
Recreational, personal and other services	19.0	* 5.6	8.4	24.5	72.5	78.5	21.5	114.3
Total	16.9	7.3	11.1	42.0	77.6	84.0	16.0	1,803.0
PERSONS, FULL-TIME WORKERS								
— per cent —								
('000)								
Agriculture, forestry, fishing and hunting	12.4	* 2.7	* 4.7	10.6	66.7	69.9	30.1	114.9
Mining	12.9	8.8	13.4	44.5	69.2	76.8	23.2	96.0
Manufacturing	12.7	6.5	8.4	25.8	67.4	73.7	26.3	1,167.3
Electricity, gas and water	13.2	10.1	12.3	59.3	74.4	85.8	14.2	122.8
Construction	17.6	4.6	7.9	19.9	70.8	76.5	23.5	338.3
Wholesale and retail trade	14.9	5.5	8.5	30.1	74.7	81.1	18.9	908.1
Transport and storage	10.3	5.8	8.6	36.4	64.0	73.8	26.2	305.5
Communication	10.8	7.7	10.0	58.6	71.8	86.1	13.9	133.1
Finance, property and business services	20.5	11.2	13.8	50.3	83.1	88.9	11.1	592.8
Public administration and defence	17.7	10.7	13.7	53.7	74.5	83.5	16.5	348.3
Community services	20.1	10.0	16.1	56.8	79.0	87.2	12.8	914.8
Recreational, personal and other services	15.0	6.0	8.7	25.8	73.7	79.7	20.3	253.5
Total	15.8	7.6	10.8	38.3	73.5	80.7	19.3	5,295.5

TABLE 2. PERSONS WHO HAD A WAGE OR SALARY JOB IN THE LAST 12 MONTHS : FULL-TIME OR PART-TIME WORKERS, INDUSTRY AND CATEGORIES OF TRAINING UNDERTAKEN IN THE LAST 12 MONTHS, 1989 —continued

Industry	Studied for educational qualification in 1988	Training courses undertaken						Total
		External training			On-the-job	Some training undertaken	No training undertaken	
		Employer supported	Total	In-house				
MALES, TOTAL								
— per cent —								
('000)								
Agriculture, forestry, fishing and hunting	13.3	* 2.4	* 4.7	10.9	64.6	68.7	31.3	116.5
Mining	11.7	* 8.0	12.8	44.7	66.0	74.7	25.3	85.7
Manufacturing	14.2	7.0	8.9	27.4	67.4	74.5	25.5	906.7
Electricity, gas and water	13.0	9.3	11.7	58.9	72.7	84.9	15.1	110.0
Construction	18.3	4.0	6.9	18.7	69.7	75.4	24.6	325.0
Wholesale and retail trade	19.9	5.7	8.7	28.6	73.7	80.2	19.8	641.3
Transport and storage	8.6	4.9	7.2	31.3	58.8	68.4	31.6	255.3
Communication	10.4	* 7.0	8.7	60.9	73.1	87.2	12.8	106.4
Finance, property and business services	21.9	14.1	17.0	49.5	80.4	87.3	12.7	313.1
Public administration and defence	17.9	10.6	13.7	49.6	71.0	80.4	19.6	244.5
Community services	20.2	9.9	15.9	53.3	77.4	86.4	13.6	445.1
Recreational, personal and other services	22.3	5.0	8.0	23.3	72.7	80.6	19.4	191.2
Total	17.0	7.4	10.4	35.1	71.1	78.8	21.2	3,740.7
FEMALES, TOTAL								
— per cent —								
('000)								
Agriculture, forestry, fishing and hunting	* 16.3	* 1.0	* 4.0	* 3.4	58.7	64.5	35.5	32.0
Mining	* 20.9	* 12.9	* 17.2	* 39.9	87.5	89.6	* 10.4	12.6
Manufacturing	8.7	3.6	5.7	16.8	65.5	69.9	30.1	349.7
Electricity, gas and water	* 11.2	* 13.3	* 16.6	52.1	79.7	86.2	* 13.8	17.0
Construction	* 11.7	* 8.9	* 15.0	22.1	72.4	78.2	21.8	38.6
Wholesale and retail trade	17.2	2.7	5.8	25.6	70.9	78.4	21.6	598.8
Transport and storage	14.4	* 6.6	10.4	45.3	76.5	83.9	16.1	77.6
Communication	* 10.6	* 7.9	* 12.0	44.0	65.3	78.8	* 21.2	36.1
Finance, property and business services	17.7	5.7	8.1	40.7	78.5	83.3	16.7	431.8
Public administration and defence	18.3	9.1	12.2	54.5	76.5	84.4	15.6	148.6
Community services	17.9	6.7	12.8	46.5	75.3	83.0	17.0	934.6
Recreational, personal and other services	19.8	* 2.7	6.3	17.0	66.8	72.4	27.6	286.6
Total	16.5	5.2	9.1	34.6	72.7	79.4	20.6	2,964.0
PERSONS, TOTAL								
— per cent —								
('000)								
Agriculture, forestry, fishing and hunting	14.0	* 2.1	* 4.6	9.3	63.4	67.8	32.2	148.5
Mining	12.9	8.6	13.4	44.1	68.8	76.6	23.4	98.3
Manufacturing	12.7	6.1	8.0	24.5	66.9	73.2	26.8	1,256.4
Electricity, gas and water	12.7	9.8	12.4	58.0	73.6	85.1	14.9	126.9
Construction	17.6	4.6	7.8	19.1	70.0	75.7	24.3	363.5
Wholesale and retail trade	18.6	4.3	7.3	27.1	72.3	79.3	20.7	1,240.1
Transport and storage	10.0	5.3	8.0	34.6	62.9	72.0	28.0	332.9
Communication	10.4	7.2	9.5	56.6	71.1	85.1	14.9	142.5
Finance, property and business services	19.4	9.3	11.8	44.4	79.3	85.0	15.0	744.9
Public administration and defence	18.1	10.0	13.1	51.5	73.1	81.9	18.1	393.1
Community services	18.6	7.7	13.8	48.7	75.9	84.1	15.9	1,379.8
Recreational, personal and other services	20.8	3.6	7.0	19.5	69.2	75.7	24.3	477.7
Total	16.8	6.4	9.8	34.9	71.8	79.0	21.0	6,704.7

TABLE 3. PERSONS WHO HAD A WAGE OR SALARY JOB IN THE LAST 12 MONTHS : OCCUPATION AND CATEGORIES OF TRAINING UNDERTAKEN IN THE LAST 12 MONTHS, 1989

Occupation	Training courses undertaken							Total
	Studied for educational qualification in 1988	External training			Some training undertaken	No training undertaken	Total	
		Employer supported	Total	In-house				
MALES								
				— per cent —				('000)
Managers and administrators	9.8	16.8	20.5	49.8	72.9	84.6	15.4	323.1
Professionals	22.7	18.3	24.1	61.5	84.0	91.3	8.7	466.0
Para-professionals	17.4	9.4	13.1	53.3	78.6	88.4	11.6	253.0
Tradespersons	22.1	4.5	7.2	25.4	70.1	77.2	22.8	881.6
Clerks	19.8	9.5	12.0	45.2	75.0	85.1	14.9	328.9
Salespersons and personal service workers	22.6	5.7	10.1	43.0	78.4	85.6	14.4	306.4
Plant and machine operators, and drivers	5.5	2.8	4.3	25.3	57.9	64.6	35.4	451.6
Labourers and related workers	13.5	1.7	3.2	15.1	64.0	69.9	30.1	727.9
Total(a)	17.0	7.4	10.4	35.1	71.1	78.8	21.2	3,740.7
FEMALES								
				— per cent —				('000)
Managers and administrators	15.7	15.4	21.1	48.3	72.0	81.9	18.1	76.6
Professionals	23.5	12.9	21.5	59.1	87.4	92.7	7.3	385.6
Para-professionals	24.1	9.7	16.1	57.3	82.5	89.7	10.3	215.1
Tradespersons	19.4	* 4.6	8.9	16.1	66.8	73.0	27.0	96.0
Clerks	14.6	4.7	8.1	34.9	76.4	83.3	16.7	974.3
Salespersons and personal service workers	19.7	2.7	6.0	32.3	71.9	79.1	20.9	686.2
Plant and machine operators, and drivers	* 3.9	* 0.8	* 1.4	* 6.7	59.3	60.7	39.3	100.9
Labourers and related workers	8.2	* 0.3	* 1.6	12.6	52.0	58.8	41.2	427.6
Total(a)	16.5	5.2	9.1	34.6	72.7	79.4	20.6	2,964.0
PERSONS								
				— per cent —				('000)
Managers and administrators	10.9	16.5	20.6	49.5	72.7	84.0	16.0	399.7
Professionals	23.1	15.8	22.9	60.4	85.5	92.0	8.0	851.6
Para-professionals	20.5	9.5	14.5	55.1	80.4	89.0	11.0	468.1
Tradespersons	21.8	4.5	7.3	24.5	69.8	76.7	23.3	977.5
Clerks	15.9	5.9	9.1	37.5	76.0	83.8	16.2	1,303.2
Salespersons and personal service workers	20.6	3.6	7.3	35.6	73.9	81.1	18.9	992.6
Plant and machine operators, and drivers	5.2	2.5	3.8	21.9	58.1	63.9	36.1	552.5
Labourers and related workers	11.5	1.2	2.6	14.2	59.6	65.8	34.2	1,155.4
Total(a)	16.8	6.4	9.8	34.9	71.8	79.0	21.0	6,704.7

(a) Includes not determined.

TABLE 4. PERSONS WHO HAD A WAGE OR SALARY JOB IN THE LAST 12 MONTHS : SUMMARY OF EMPLOYMENT CHARACTERISTICS AND CATEGORIES OF TRAINING UNDERTAKEN IN THE LAST 12 MONTHS, 1989

	Training courses undertaken							Total
	Studied for educational qualification in 1988	External training			Some training undertaken	No training undertaken		
		Employer supported	Total	In-house				
				— per cent —				(‘000)
Hours usually worked —								
Part-time	20.3	1.8	6.0	21.9	65.5	72.9	27.1	1,409.3
1 — 15	27.0	* 0.8	5.5	15.9	64.0	72.2	27.8	581.5
16 — 29	15.5	2.1	5.7	26.0	64.9	71.8	28.2	599.9
30 — 34	16.1	3.7	8.0	26.2	70.8	77.5	22.5	227.9
Full-time	15.8	7.6	10.8	38.3	73.5	80.7	19.3	5,295.5
35 — 39	15.2	5.7	8.3	36.9	72.3	79.7	20.3	1,913.7
40	16.6	6.2	9.1	34.5	71.9	78.6	21.4	1,706.9
41 — 44	17.5	8.2	12.7	43.8	77.5	85.4	14.6	321.1
45 — 48	17.2	11.5	15.7	45.6	77.5	84.7	15.3	558.8
49 and over	13.8	12.2	16.7	42.5	75.4	82.9	17.1	794.9
Whether permanent or casual employee —								
Permanent	15.5	7.7	11.0	39.8	73.2	80.5	19.5	5,367.0
Casual	21.9	1.2	5.2	15.2	66.3	73.2	26.8	1,337.7
Size of location (employees) —								
Under 10	18.2	3.9	7.5	19.9	71.2	76.1	23.9	1,539.7
10 — 19	16.6	4.1	7.4	26.4	72.4	77.3	22.7	800.0
20 — 99	16.5	6.2	9.8	37.6	72.8	80.3	19.7	1,869.4
100 and over	16.3	9.2	12.5	46.5	72.0	81.4	18.6	2,347.3
Don't know	13.2	* 2.4	5.7	18.6	59.3	66.3	33.7	148.3
Sector —								
Public	16.7	8.4	12.6	52.4	74.4	83.7	16.3	1,928.8
Private	16.8	5.6	8.7	27.8	70.8	77.2	22.8	4,776.0
Total	16.8	6.4	9.8	34.9	71.8	79.0	21.0	6,704.7

TABLE 5. PERSONS WHO HAD A WAGE OR SALARY JOB IN THE LAST 12 MONTHS : JOB TENURE SUMMARY AND CATEGORIES OF TRAINING UNDERTAKEN IN THE LAST 12 MONTHS, 1989

	Training courses undertaken							Total
	Studied for educational qualification in 1988	External training			Some training undertaken	No training undertaken	Total	
		Employer supported	Total	In-house				
	— per cent —							('000)
Number of employers in the last 12 months —								
One	14.3	6.7	9.6	35.5	68.8	76.6	23.4	5,173.0
Two or more	25.0	5.4	10.6	32.8	82.1	87.3	12.7	1,531.7
Whether currently working with main period employer —								
Currently working with main period employer	15.9	7.1	10.2	37.2	71.7	79.0	21.0	5,577.2
Not currently working with main period employer	21.2	2.9	7.8	23.3	72.5	79.1	20.9	1,127.5
Whether began job with main period employer during the last 12 months —								
Began job during the last 12 months	26.3	4.0	8.1	27.8	81.3	86.1	13.9	1,809.5
Did not begin job during the last 12 months	13.2	7.3	10.5	37.5	68.3	76.5	23.5	4,895.2
Duration of continuous employment with main period employer during the last 12 months (weeks) —								
1 and under 4	18.3	* 1.3	* 5.2	13.0	68.7	74.8	25.2	147.4
4 and under 13	31.0	2.5	6.1	20.9	77.5	83.3	16.7	494.0
13 and under 26	25.1	3.4	8.4	26.8	79.0	84.2	15.8	578.6
26 and under 39	21.9	5.3	10.5	32.3	80.8	85.5	14.5	737.3
39 and under 52	18.9	4.4	7.9	32.8	77.0	82.4	17.6	521.0
52	12.8	7.9	10.7	39.1	68.1	76.5	23.5	4,226.5
Duration of continuous employment with main period employer —								
Under 1 year	25.9	3.9	8.4	27.4	81.1	86.1	13.9	1,906.2
Under 3 months	30.0	2.5	5.9	19.8	78.3	83.8	16.2	566.9
3 and under 6 months	28.2	3.9	8.7	27.3	83.0	88.0	12.0	467.2
6 and under 12 months	22.0	4.8	9.7	32.3	82.0	86.5	13.5	872.1
1 and under 2 years	18.3	6.7	9.7	35.5	78.8	83.4	16.6	1,003.4
2 and under 3 years	15.7	6.4	9.7	36.7	73.5	80.5	19.5	698.0
3 and under 5 years	18.8	7.8	11.7	37.8	72.9	80.7	19.3	967.1
5 and under 10 years	10.1	8.0	10.8	40.2	65.1	74.5	25.5	1,029.5
10 and under 20 years	5.4	8.0	10.4	39.4	55.7	66.5	33.5	806.5
20 years and over	3.2	7.1	9.0	36.4	47.4	60.2	39.8	294.0
Total	16.8	6.4	9.8	34.9	71.8	79.0	21.0	6,704.7

TABLE 6. PERSONS CURRENTLY WORKING WITH THEIR MAIN PERIOD EMPLOYER : USUAL WEEKLY EARNINGS AND CATEGORIES OF TRAINING UNDERTAKEN IN THE LAST 12 MONTHS, 1989

Usual weekly earnings (\$)	Studied for educational qualification in 1988	Training courses undertaken						Total	Total	
		External training			In-house	On-the-job	Some training undertaken			No training undertaken
		Employer supported	Total	— per cent —						
Under 40	27.6	* 0.7	* 4.2	* 7.1	60.8	69.3	30.7	55.3		
40 and under 80	28.5	* 0.0	* 3.9	14.9	65.6	72.3	27.7	115.5		
80 " 120	27.6	* 0.6	* 3.7	14.6	66.4	73.3	26.7	135.9		
120 " 160	27.8	* 1.8	6.1	18.7	73.8	80.4	19.6	214.0		
160 " 200	30.4	* 2.4	4.7	22.6	73.1	77.8	22.2	186.6		
200 " 240	27.5	* 1.7	5.1	21.3	70.9	76.0	24.0	247.7		
240 " 280	19.6	3.6	5.9	26.2	75.9	79.0	21.0	301.8		
280 " 320	18.3	3.2	5.5	24.9	67.4	72.1	27.9	381.9		
320 " 360	9.8	2.6	5.2	30.3	69.2	75.0	25.0	553.9		
360 " 400	12.5	4.7	6.9	32.5	70.1	76.5	23.5	534.5		
400 " 440	11.7	5.6	8.3	35.9	68.7	78.1	21.9	511.5		
440 " 480	13.2	7.2	8.6	40.3	68.1	77.4	22.6	397.5		
480 " 520	12.8	8.9	12.4	48.3	74.9	84.0	16.0	375.9		
520 " 560	13.6	9.2	13.3	52.0	72.5	80.9	19.1	282.4		
560 " 600	14.7	12.9	16.1	51.6	75.9	84.3	15.7	208.2		
600 " 640	12.9	11.9	15.4	58.6	79.0	86.3	13.7	207.2		
640 " 680	12.5	16.0	20.3	62.5	82.2	91.9	8.1	134.8		
680 " 720	10.3	15.6	21.2	56.4	79.6	86.4	13.6	136.4		
720 " 760	13.0	17.1	21.7	62.2	72.7	86.2	13.8	88.6		
760 " 800	13.0	15.8	21.0	54.5	77.3	85.9	14.1	110.7		
800 and over	12.2	24.3	29.8	59.1	76.5	87.7	12.3	241.6		
Payment in kind/ not stated/don't know	14.4	11.5	14.3	40.6	63.5	72.5	27.5	155.5		
Total	15.9	7.1	10.2	37.2	71.7	79.0	21.0	5,577.2		

SECTION 2. QUALIFYING TRAINING

TABLE 7. PERSONS WHO HAD A WAGE OR SALARY JOB IN THE LAST 12 MONTHS : INDUSTRY AND LEVEL OF EDUCATIONAL QUALIFICATION REQUIRED TO OBTAIN JOB WITH MAIN PERIOD EMPLOYER, 1989 ('000)

Industry	Educational qualification required							Total
	Post-secondary				Secondary school certificate	Total	No educational qualification required	
	Diploma, bachelor degree or higher	Trade qualification or apprenticeship	Post-secondary certificate	Total(a)				
Agriculture, forestry, fishing and hunting	* 5.0	* 5.1	* 5.4	16.7	* 3.4	20.0	128.5	148.5
Mining	12.1	15.7	* 6.6	35.3	9.5	44.9	53.5	98.3
Manufacturing	69.9	185.5	66.0	329.0	118.7	447.6	808.7	1,256.4
Electricity, gas and water	18.0	26.5	14.1	59.0	23.2	82.3	44.7	126.9
Construction	12.2	107.7	16.1	137.4	36.0	173.4	190.2	363.5
Wholesale and retail trade	37.6	111.5	50.5	206.2	129.5	335.6	904.5	1,240.1
Transport and storage	16.8	28.4	26.7	82.6	59.2	141.8	191.2	332.9
Communication	8.7	16.2	13.2	39.7	28.7	68.4	74.1	142.5
Finance, property and business services	100.7	10.6	95.0	213.9	195.5	409.3	335.6	744.9
Public administration and defence	68.6	19.7	44.3	135.6	79.9	215.5	177.6	393.1
Community services	437.0	43.0	293.8	787.6	142.3	929.9	449.9	1,379.8
Recreational, personal and other services	13.1	35.3	28.2	79.5	37.6	117.2	360.6	477.7
Total	799.7	605.2	659.9	2,122.4	863.4	2,985.8	3,718.9	6,704.7
<i>Males</i>	445.2	580.6	198.9	1,262.1	469.6	1,731.7	2,009.0	3,740.7
<i>Females</i>	354.5	24.7	461.0	860.4	393.8	1,254.2	1,709.9	2,964.0

(a) Includes other post-school qualifications.

TABLE 8. PERSONS WHO HAD A WAGE OR SALARY JOB IN THE LAST 12 MONTHS : OCCUPATION AND LEVEL OF EDUCATIONAL QUALIFICATION REQUIRED TO OBTAIN JOB WITH MAIN PERIOD EMPLOYER, 1989 ('000)

Occupation	Educational qualification required							Total
	Post-secondary				Secondary school certificate	Total	No educational qualification required	
	Diploma, bachelor degree or higher	Trade qualification or apprenticeship	Post-secondary certificate	Total(a)				
Managers and administrators	72.1	30.3	34.3	142.8	54.6	197.5	202.3	399.7
Professionals	591.0	20.5	71.1	691.1	70.1	761.2	90.4	851.6
Para-professionals	49.9	45.6	185.0	292.4	81.0	373.4	94.7	468.1
Tradespersons	* 7.5	442.7	27.7	481.3	114.5	595.8	381.7	977.5
Clerks	52.9	12.5	208.8	285.7	335.8	621.6	681.6	1,303.2
Salespersons and personal service workers	21.0	14.6	87.1	128.0	132.0	260.0	732.5	992.6
Plant and machine operators, and drivers	* 1.0	21.3	20.4	49.6	27.6	77.2	475.3	552.5
Labourers and related workers	* 4.2	17.4	23.3	49.0	47.3	96.3	1,059.1	1,155.4
Total(b)	799.7	605.2	659.9	2,122.4	863.4	2,985.8	3,718.9	6,704.7

(a) Includes other post-school qualifications. (b) Includes not determined.

TABLE 9. PERSONS WHO HAD A WAGE OR SALARY JOB IN THE LAST 12 MONTHS: EMPLOYER SUPPORT FOR STUDY TO OBTAIN THE REQUIRED EDUCATIONAL QUALIFICATION AND LEVEL OF EDUCATIONAL QUALIFICATION REQUIRED TO OBTAIN JOB WITH MAIN PERIOD EMPLOYER, 1989
(*000)

<i>Employer support for study to obtain the required educational qualification</i>	<i>Educational qualification required</i>							<i>No educational qualification required</i>	<i>Total</i>
	<i>Post-secondary</i>					<i>Secondary school certificate</i>	<i>Total</i>		
	<i>Diploma, bachelor degree or higher</i>	<i>Trade qualification or apprenticeship</i>	<i>Post-secondary certificate</i>	<i>Total(a)</i>					
Educational qualification required	799.7	605.2	659.9	2,122.4	863.4	2,985.8	..	2,985.8	
Employer support provided	223.5	386.7	220.1	846.0	* 7.7	853.7	..	853.7	
Main period employer	123.8	128.8	106.2	366.1	* 4.1	370.1	..	370.1	
Paid for study materials or fees	89.7	85.7	73.9	254.8	* 2.8	257.6	..	257.6	
Provided paid study leave	63.8	101.5	74.2	243.7	* 1.0	244.7	..	244.7	
Other	37.9	24.9	24.7	91.4	* 1.2	92.6	..	92.6	
Other employer	104.5	264.6	118.2	496.2	* 3.9	500.1	..	500.1	
Paid for study materials or fees	62.6	146.6	65.4	280.8	* 1.5	282.3	..	282.3	
Provided paid study leave	69.6	209.0	83.6	367.2	* 3.3	370.5	..	370.5	
Other	30.2	51.7	30.7	115.8	* 0.9	116.7	..	116.7	
No employer support provided	576.2	218.5	439.8	1,276.4	855.7	2,132.1	..	2,132.1	
No educational qualification required	3,718.9	3,718.9	
Total	799.7	605.2	659.9	2,122.4	863.4	2,985.8	3,718.9	6,704.7	

(a) Includes other post-school qualifications.

TABLE 10. PERSONS WHO HAD A WAGE OR SALARY JOB IN THE LAST 12 MONTHS : SIZE OF LOCATION, SECTOR AND LEVEL OF EDUCATIONAL QUALIFICATION REQUIRED TO OBTAIN JOB WITH MAIN PERIOD EMPLOYER, 1989
(*000)

	<i>Educational qualification required</i>							<i>No educational qualification required</i>	<i>Total</i>
	<i>Post-secondary</i>					<i>Secondary school certificate</i>	<i>Total</i>		
	<i>Diploma, bachelor degree or higher</i>	<i>Trade qualification or apprenticeship</i>	<i>Post-secondary certificate</i>	<i>Total(a)</i>					
Size of location (employees) —									
Under 10	90.2	131.7	127.8	363.3	165.9	529.2	1,010.5	1,539.7	
10 — 19	83.5	79.1	71.7	242.2	96.1	338.3	461.7	800.0	
20 — 99	250.5	166.3	168.9	599.4	240.8	840.2	1,029.2	1,869.4	
100 and over	365.0	220.9	278.2	885.9	350.3	1,236.2	1,111.1	2,347.3	
Don't know	10.5	* 7.2	13.2	31.7	10.3	42.0	106.3	148.3	
Sector —									
Public	439.4	134.7	270.4	864.8	347.0	1,211.8	716.9	1,928.8	
Private	360.3	470.5	389.5	1,257.6	516.3	1,774.0	3,002.0	4,776.0	
Total	799.7	605.2	659.9	2,122.4	863.4	2,985.8	3,718.9	6,704.7	

(a) Includes other post-school qualifications.

TABLE 11. PERSONS WHO ATTENDED AN IN-HOUSE TRAINING COURSE IN THE LAST 12 MONTHS : INDUSTRY AND SUMMARY OF WHETHER IN-HOUSE TRAINING COURSES REQUIRED TO OBTAIN JOB WITH MAIN PERIOD EMPLOYER, 1989 ('000)

<i>Industry</i>	<i>Summary of whether in-house training courses required to obtain job with main period employer</i>		<i>Total</i>
	<i>One or more in-house training courses required to obtain job with main period employer</i>	<i>No in-house training courses required to obtain job with main period employer</i>	
Agriculture, forestry, fishing and hunting	* 1.9	11.9	13.8
Mining	* 2.5	40.9	43.3
Manufacturing	11.8	295.4	307.2
Electricity, gas and water	* 1.0	72.7	73.6
Construction	* 3.0	66.4	69.4
Wholesale and retail trade	26.1	310.5	336.6
Transport and storage	* 6.6	108.4	115.0
Communication	* 2.7	78.0	80.7
Finance, property and business services	24.1	306.9	330.9
Public administration and defence	* 7.3	195.0	202.3
Community services	18.6	652.8	671.4
Recreational, personal and other services	9.9	83.3	93.2
Total	115.5	2,222.0	2,337.5

TABLE 12. PERSONS WHO ATTENDED AN IN-HOUSE TRAINING COURSE IN THE LAST 12 MONTHS : OCCUPATION AND SUMMARY OF WHETHER IN-HOUSE TRAINING COURSES REQUIRED TO OBTAIN JOB WITH MAIN PERIOD EMPLOYER, 1989 ('000)

<i>Occupation</i>	<i>Summary of whether in-house training courses required to obtain job with main period employer</i>		<i>Total</i>
	<i>One or more in-house training courses required to obtain job with main period employer</i>	<i>No in-house training courses required to obtain job with main period employer</i>	
Managers and administrators	* 7.7	190.3	197.9
Professionals	12.0	502.2	514.2
Para-professionals	9.7	248.4	258.1
Tradespersons	8.2	230.9	239.2
Clerks	18.6	470.2	488.8
Salespersons and personal service workers	39.8	313.5	353.3
Plant and machine operators, and drivers	9.9	110.9	120.9
Labourers and related workers	9.6	154.5	164.1
Total(a)	115.5	2,222.0	2,337.5

(a) Includes not determined.

TABLE 13. PERSONS WHO ATTENDED AN IN-HOUSE TRAINING COURSE IN THE LAST 12 MONTHS : SIZE OF LOCATION, SECTOR AND SUMMARY OF WHETHER IN-HOUSE TRAINING COURSES REQUIRED TO OBTAIN JOB WITH MAIN PERIOD EMPLOYER, 1989
(^{'000})

	<i>Summary of whether in-house training courses required to obtain job with main period employer</i>		<i>Total</i>
	<i>One or more in-house training courses required to obtain job with main period employer</i>	<i>No in-house training courses required to obtain job with main period employer</i>	
Size of location (employees) —			
Under 10	17.0	289.0	306.0
10 — 19	10.7	200.3	211.0
20 — 99	29.7	672.5	702.1
100 and over	56.3	1,034.6	1,090.9
Don't know	* 1.9	25.6	27.5
Sector —			
Public	34.7	975.2	1,009.9
Private	80.9	1,246.8	1,327.7
Total	115.5	2,222.0	2,337.5
<i>Males</i>	<i>54.7</i>	<i>1,256.5</i>	<i>1,311.2</i>
<i>Females</i>	<i>60.8</i>	<i>965.5</i>	<i>1,026.4</i>

TABLE 14. PERSONS WHO ATTENDED AN EXTERNAL TRAINING COURSE IN THE LAST 12 MONTHS : INDUSTRY AND SUMMARY OF WHETHER EXTERNAL TRAINING COURSES REQUIRED TO OBTAIN JOB WITH MAIN PERIOD EMPLOYER, 1989
(^{'000})

<i>Industry</i>	<i>Summary of whether external training courses required to obtain job with main period employer</i>		<i>Total</i>
	<i>One or more external training courses required to obtain job with main period employer</i>	<i>No external training courses required to obtain job with main period employer</i>	
Agriculture, forestry, fishing and hunting	* 0.4	* 6.4	* 6.8
Mining	* 0.3	12.8	13.1
Manufacturing	* 4.0	96.2	100.2
Electricity, gas and water	* 0.0	15.7	15.7
Construction	* 1.3	26.9	28.2
Wholesale and retail trade	* 5.4	85.0	90.3
Transport and storage	* 2.1	24.5	26.6
Communication	* 0.0	13.6	13.6
Finance, property and business services	* 1.7	86.5	88.2
Public administration and defence	* 1.2	50.3	51.5
Community services	* 6.6	184.1	190.7
Recreational, personal and other services	* 4.5	28.9	33.5
Total	27.5	630.9	658.4

TABLE 15. PERSONS WHO ATTENDED AN EXTERNAL TRAINING COURSE IN THE LAST 12 MONTHS : OCCUPATION AND SUMMARY OF WHETHER EXTERNAL TRAINING COURSES REQUIRED TO OBTAIN JOB WITH MAIN PERIOD EMPLOYER, 1989
('000)

<i>Occupation</i>	<i>Summary of whether external training courses required to obtain job with main period employer</i>		<i>Total</i>
	<i>One or more external training courses required to obtain job with main period employer</i>	<i>No external training courses required to obtain job with main period employer</i>	
Managers and administrators	* 2.3	80.2	82.5
Professionals	* 3.7	191.6	195.3
Para-professionals	* 0.7	67.1	67.8
Tradespersons	* 2.9	68.9	71.8
Clerks	* 6.2	112.1	118.2
Salespersons and personal service workers	* 6.8	65.3	72.0
Plant and machine operators, and drivers	* 2.1	18.9	21.0
Labourers and related workers	* 2.8	26.9	29.7
Total(a)	27.5	630.9	658.4

(a) Includes not determined.

TABLE 16. PERSONS WHO ATTENDED AN EXTERNAL TRAINING COURSE IN THE LAST 12 MONTHS : SIZE OF LOCATION, SECTOR AND SUMMARY OF WHETHER EXTERNAL TRAINING COURSES REQUIRED TO OBTAIN JOB WITH MAIN PERIOD EMPLOYER, 1989
('000)

	<i>Summary of whether external training courses required to obtain job with main period employer</i>		<i>Total</i>
	<i>One or more external training courses required to obtain job with main period employer</i>	<i>No external training courses required to obtain job with main period employer</i>	
Size of location (employees) —			
Under 10	* 7.2	108.0	115.2
10 — 19	* 3.4	55.9	59.3
20 — 99	* 7.7	174.7	182.4
100 and over	8.6	284.5	293.0
Don't know	* 0.6	* 7.8	8.4
Sector —			
Public	* 7.0	235.5	242.5
Private	20.5	395.4	415.9
Total	27.5	630.9	658.4
<i>Males</i>	<i>10.3</i>	<i>378.0</i>	<i>388.3</i>
<i>Females</i>	<i>17.2</i>	<i>252.9</i>	<i>270.1</i>

SECTION 3. EMPLOYER SUPPORT FOR TRAINING

TABLE 17. PERSONS WHO HAD A WAGE OR SALARY JOB IN THE LAST 12 MONTHS : SUMMARY OF CHARACTERISTICS AND NUMBER OF IN-HOUSE TRAINING COURSES ATTENDED IN THE LAST 12 MONTHS, 1989 ('000)

	<i>Number of in-house training courses attended in the last 12 months</i>					<i>Attended at least one in-house training course</i>	<i>Did not attend an in-house training course</i>	<i>Total</i>
	<i>One</i>	<i>Two</i>	<i>Three</i>	<i>Four</i>	<i>Five or more</i>			
Marital status —								
Married	592.1	369.4	181.0	105.1	205.6	1,453.2	2,578.4	4,031.6
Not married	384.5	199.6	122.4	58.4	119.5	884.4	1,788.8	2,673.1
Family status —								
Member of a family	787.6	463.0	235.8	128.8	259.3	1,874.5	3,566.9	5,441.4
Husband or wife	574.8	359.4	177.1	102.3	199.7	1,413.3	2,488.5	3,901.8
With dependents present	364.5	222.9	110.0	64.3	124.9	886.6	1,480.6	2,367.2
Without dependents present	210.3	136.5	67.0	38.0	74.9	526.7	1,007.9	1,534.6
Other family head	32.7	20.1	12.9	* 5.7	16.8	88.1	185.6	273.8
Full-time student aged 15-24(a)	22.1	* 4.1	* 2.4	* 1.5	* 2.0	32.1	104.4	136.5
Other child of married couple or family head	148.0	73.7	42.8	18.6	39.4	322.5	729.0	1,051.5
Other relative of married couple or family head	10.0	* 5.6	* 0.7	* 0.8	* 1.4	18.5	59.3	77.8
Not a member of a family	148.3	85.0	54.2	28.9	54.3	370.7	590.0	960.7
Family status not determined	40.8	20.9	13.4	* 5.8	11.5	92.3	210.3	302.7
Birthplace and period of arrival —								
Born in Australia	753.6	448.3	237.6	129.3	256.3	1,825.0	3,214.0	5,039.0
Born outside Australia	223.1	120.6	65.8	34.3	68.8	512.6	1,153.2	1,665.8
Main English speaking countries	120.4	67.1	36.3	22.4	43.8	290.1	487.0	777.0
Other countries	102.7	53.5	29.5	11.8	25.0	222.5	666.2	888.7
Arrived before 1960	33.5	20.2	14.0	* 4.7	11.1	83.5	188.9	272.4
Arrived 1960 — 1969	67.7	31.9	21.3	11.9	17.3	150.1	323.2	473.3
Arrived 1970 — 1979	57.8	32.9	15.1	8.1	22.6	136.4	298.8	435.2
Arrived 1980 — 1989	64.1	35.7	15.4	9.5	17.8	142.5	342.3	484.8
Age (years) —								
15 — 24	242.8	117.9	63.4	27.5	65.2	516.8	1,188.5	1,705.3
25 — 34	304.3	195.2	102.2	55.8	110.1	767.6	1,171.5	1,939.1
35 — 44	265.9	153.9	85.2	47.3	99.0	651.4	970.5	1,621.9
45 — 54	117.5	82.6	42.3	24.2	40.9	307.6	670.3	977.9
55 — 64	46.1	19.3	10.3	8.6	9.8	94.1	366.4	460.5
Level of educational attainment —								
With post-school qualifications	523.5	352.4	186.9	114.1	224.1	1,400.9	1,771.8	3,172.6
Post-graduate degree or graduate diploma	64.1	39.0	25.7	20.2	39.7	188.8	126.9	315.7
Bachelor degree or diploma	125.5	108.0	64.3	43.0	79.2	420.0	327.7	747.6
Trade qualification or apprenticeship	135.4	81.9	34.9	15.2	27.7	295.1	640.8	936.0
Post-secondary certificate	195.3	120.3	60.2	35.7	75.8	487.3	656.5	1,143.7
Other	* 3.1	* 3.2	* 1.7	* 0.0	* 1.7	9.7	19.9	29.6
Without post-school qualifications(b)	453.2	216.5	116.5	49.4	101.0	936.7	2,595.4	3,532.1
Attended highest level of secondary school available	166.7	80.4	51.5	23.0	47.0	368.7	637.9	1,006.6
Did not attend highest level of secondary school available	284.2	133.4	63.5	25.9	53.0	560.0	1,936.5	2,496.5
Left at age —								
16 years or over	143.6	67.8	36.2	15.7	28.5	291.8	799.2	1,091.0
15 years or under	140.6	65.6	27.3	10.3	24.5	268.2	1,137.2	1,405.5
Total	976.7	569.0	303.3	163.5	325.1	2,337.5	4,367.2	6,704.7
<i>Males</i>	<i>537.4</i>	<i>325.0</i>	<i>175.6</i>	<i>99.2</i>	<i>174.0</i>	<i>1,311.2</i>	<i>2,429.5</i>	<i>3,740.7</i>
<i>Females</i>	<i>439.3</i>	<i>244.0</i>	<i>127.8</i>	<i>64.3</i>	<i>151.0</i>	<i>1,026.4</i>	<i>1,937.7</i>	<i>2,964.0</i>

(a) Excludes persons attending school. (b) Includes those who never attended school and those for whom secondary school qualifications could not be determined.

TABLE 18. PERSONS WHO HAD A WAGE OR SALARY JOB IN THE LAST 12 MONTHS : NUMBER OF EMPLOYERS IN THE LAST 12 MONTHS, INDUSTRY AND NUMBER OF IN-HOUSE TRAINING COURSES ATTENDED IN THE LAST 12 MONTHS, 1989 ('000)

Industry	Number of in-house training courses attended in the last 12 months					Attended at least one in-house training course	Did not attend an in-house training course	Total
	One	Two	Three	Four	Five or more			
ONE EMPLOYER								
Agriculture, forestry, fishing and hunting	* 3.3	* 4.5	* 1.0	* 0.6	* 0.3	9.7	83.1	92.7
Mining	17.0	10.8	* 3.8	* 3.3	* 0.7	35.7	44.4	80.0
Manufacturing	123.3	57.0	34.5	15.2	20.3	250.3	770.1	1,020.4
Electricity, gas and water	26.2	16.8	9.9	* 7.1	* 6.6	66.6	45.9	112.4
Construction	27.0	13.6	* 3.5	* 2.2	* 5.9	52.1	207.4	259.5
Wholesale and retail trade	116.4	57.9	31.1	12.3	30.4	248.1	667.8	915.8
Transport and storage	48.7	24.9	9.4	* 4.9	* 5.3	93.3	174.3	267.6
Communication	26.0	20.2	11.4	* 5.0	11.0	73.5	53.5	127.0
Finance, property and business services	89.3	72.0	28.5	19.9	40.0	249.8	316.6	566.4
Public administration and defence	61.5	36.0	24.9	10.2	25.4	158.0	154.6	312.6
Community services	179.0	123.3	83.1	51.2	101.8	538.4	569.1	1,107.5
Recreational, personal and other services	30.7	13.4	* 6.7	* 2.4	* 5.9	59.0	251.9	310.9
Total	748.4	450.3	248.0	134.3	253.6	1,834.4	3,338.6	5,173.0
TOTAL(a)								
Agriculture, forestry, fishing and hunting	* 6.7	* 4.5	* 1.0	* 1.3	* 0.3	13.8	134.7	148.5
Mining	20.1	13.9	* 4.5	* 3.9	* 1.0	43.3	55.0	98.3
Manufacturing	153.4	67.9	40.4	18.0	27.5	307.2	949.2	1,256.4
Electricity, gas and water	29.4	18.1	10.6	8.1	* 7.5	73.6	53.3	126.9
Construction	35.8	18.4	* 4.6	* 2.7	* 7.8	69.4	294.1	363.5
Wholesale and retail trade	161.8	76.1	42.9	16.1	39.7	336.6	903.5	1,240.1
Transport and storage	60.5	29.2	11.6	* 5.3	8.4	115.0	217.9	332.9
Communication	28.3	22.1	12.2	* 5.6	12.5	80.7	61.8	142.5
Finance, property and business services	122.7	95.2	36.2	25.4	51.4	330.9	414.0	744.9
Public administration and defence	81.4	46.5	30.5	13.5	30.5	202.3	190.8	393.1
Community services	230.7	151.4	98.3	59.5	131.5	671.4	708.4	1,379.8
Recreational, personal and other services	45.9	25.6	10.6	* 4.1	* 7.0	93.2	384.5	477.7
Total	976.7	569.0	303.3	163.5	325.1	2,337.5	4,367.2	6,704.7

(a) Includes two or more employers.

TABLE 19. PERSONS WHO HAD A WAGE OR SALARY JOB IN THE LAST 12 MONTHS : NUMBER OF EMPLOYERS IN THE LAST 12 MONTHS, OCCUPATION AND NUMBER OF IN-HOUSE TRAINING COURSES ATTENDED IN THE LAST 12 MONTHS, 1989
(*000)

Occupation	Number of in-house training courses attended in the last 12 months							Total
	One	Two	Three	Four	Five or more	Attended at	Did not attend	
						least one in-house training course	an in-house training course	
ONE EMPLOYER								
Managers and administrators	48.3	45.7	20.7	17.4	38.0	170.2	169.4	339.6
Professionals	116.1	96.4	71.1	44.7	76.4	404.7	258.7	663.4
Para-professionals	72.7	52.9	24.6	20.6	39.2	210.0	166.5	376.5
Tradespersons	92.4	50.5	24.7	9.8	15.0	192.4	571.1	763.6
Clerks	174.7	92.8	48.4	19.1	40.6	375.6	627.5	1,003.1
Salespersons and personal service workers	112.0	65.1	31.8	13.7	30.4	253.0	452.3	705.4
Plant and machine operators, and drivers	57.9	20.7	10.7	* 3.0	* 6.5	98.7	352.6	451.3
Labourers and related workers	74.4	26.2	16.0	* 5.8	* 7.1	129.4	738.3	867.7
Total(a)	748.4	450.3	248.0	134.3	253.6	1,834.4	3,338.6	5,173.0
TOTAL(b)								
Managers and administrators	54.4	53.0	27.7	20.4	42.5	197.9	201.8	399.7
Professionals	155.0	124.8	84.3	51.4	98.8	514.2	337.4	851.6
Para-professionals	88.8	66.8	28.3	24.1	50.1	258.1	210.1	468.1
Tradespersons	117.8	61.3	29.1	11.7	19.3	239.2	738.4	977.5
Clerks	235.9	116.5	57.5	26.3	52.6	488.8	814.4	1,303.2
Salespersons and personal service workers	158.8	87.4	43.2	19.8	44.2	353.3	639.2	992.6
Plant and machine operators, and drivers	70.7	25.8	12.5	* 3.7	8.1	120.9	431.7	552.5
Labourers and related workers	94.9	33.4	20.9	* 6.1	8.8	164.1	991.3	1,155.4
Total(a)	976.7	569.0	303.3	163.5	325.1	2,337.5	4,367.2	6,704.7

(a) Includes not determined. (b) Includes two or more employers.

TABLE 20. PERSONS WHO ATTENDED AN IN-HOUSE TRAINING COURSE IN THE LAST 12 MONTHS : INDUSTRY AND TOTAL TIME SPENT ON IN-HOUSE TRAINING COURSES ATTENDED IN THE LAST 12 MONTHS, 1989
('000)

Industry	Less than 40 hours				Total	40 hours or more	Total
	1 - 9 hours	10 - 19 hours	20 - 29 hours	30 - 39 hours			
Agriculture, forestry, fishing and hunting	* 5.6	* 2.1	* 1.2	* 1.0	9.9	* 3.9	13.8
Mining	12.4	* 5.6	* 5.9	* 2.6	26.4	16.9	43.3
Manufacturing	76.3	52.5	36.9	25.2	190.8	116.4	307.2
Electricity, gas and water	12.9	12.7	9.3	* 5.2	40.1	33.5	73.6
Construction	23.6	11.5	* 6.7	* 6.6	48.4	20.9	69.4
Wholesale and retail trade	117.5	61.9	35.4	27.4	242.3	94.3	336.6
Transport and storage	28.4	13.4	10.7	11.3	63.8	51.2	115.0
Communication	12.4	* 7.7	* 7.5	* 6.9	34.6	46.2	80.7
Finance, property and business services	67.6	53.1	52.5	35.5	208.6	122.3	330.9
Public administration and defence	44.9	36.9	31.3	21.6	134.7	67.6	202.3
Community services	184.2	138.1	105.1	61.5	488.9	182.5	671.4
Recreational, personal and other services	31.2	15.4	13.4	* 5.3	65.3	27.9	93.2
Total	617.0	411.0	315.9	210.3	1,554.1	783.5	2,337.5

TABLE 21. PERSONS WHO ATTENDED AN IN-HOUSE TRAINING COURSE IN THE LAST 12 MONTHS : OCCUPATION AND TOTAL TIME SPENT ON IN-HOUSE TRAINING COURSES ATTENDED IN THE LAST 12 MONTHS, 1989
('000)

Occupation	Less than 40 hours				Total	40 hours or more	Total
	1 - 9 hours	10 - 19 hours	20 - 29 hours	30 - 39 hours			
Managers and administrators	19.0	26.8	30.2	21.5	97.6	100.4	197.9
Professionals	85.2	102.2	91.6	54.7	333.6	180.6	514.2
Para-professionals	62.0	43.8	31.6	24.3	161.7	96.4	258.1
Tradespersons	69.9	43.0	20.2	16.3	149.4	89.8	239.2
Clerks	134.9	92.2	74.0	45.5	346.5	142.3	488.8
Salespersons and personal service workers	118.9	64.0	44.5	28.2	255.6	97.7	353.3
Plant and machine operators, and drivers	47.2	15.5	12.9	* 6.6	82.2	38.7	120.9
Labourers and related workers	79.5	23.5	10.9	13.3	127.2	36.9	164.1
Total(a)	617.0	411.0	315.9	210.3	1,554.1	783.5	2,337.5

(a) Includes not determined.

**TABLE 22. PERSONS WHO ATTENDED AN EXTERNAL TRAINING COURSE IN THE LAST 12 MONTHS WHILE WORKING :
INDUSTRY AND TOTAL TIME SPENT ON EXTERNAL TRAINING COURSES ATTENDED IN THE LAST 12 MONTHS WHILE
WORKING, 1989**
(*000)

Industry	Less than 40 hours			Total	40 hours or more	Total
	1 - 9 hours	10 - 19 hours	20 - 39 hours			
Agriculture, forestry, fishing and hunting	* 2.3	* 0.4	* 0.7	* 3.3	* 3.0	* 6.4
Mining	* 3.1	* 3.9	* 3.6	10.7	* 2.5	13.1
Manufacturing	19.3	25.0	19.2	63.4	31.9	95.4
Electricity, gas and water	* 1.9	* 5.3	* 5.3	12.6	* 2.6	15.1
Construction	8.5	* 6.1	* 4.7	19.2	* 7.4	26.6
Wholesale and retail trade	26.2	16.3	14.9	57.4	25.4	82.8
Transport and storage	* 5.3	* 6.5	* 6.7	18.5	* 6.4	24.9
Communication	* 2.0	* 2.4	* 4.2	8.6	* 5.0	13.6
Finance, property and business services	21.5	20.8	21.7	64.1	21.8	85.9
Public administration and defence	9.5	10.0	15.6	35.1	14.3	49.4
Community services	45.6	39.3	44.0	128.9	53.5	182.4
Recreational, personal and other services	10.6	* 7.9	* 4.3	22.7	* 5.0	27.7
Total	155.9	143.8	144.9	444.5	178.7	623.2

**TABLE 23. PERSONS WHO ATTENDED AN EXTERNAL TRAINING COURSE IN THE LAST 12 MONTHS WHILE WORKING :
OCCUPATION AND TOTAL TIME SPENT ON EXTERNAL TRAINING COURSES ATTENDED IN THE LAST 12 MONTHS WHILE
WORKING, 1989**
(*000)

Occupation	Less than 40 hours			Total	40 hours or more	Total
	1 - 9 hours	10 - 19 hours	20 - 39 hours			
Managers and administrators	17.5	22.0	19.0	58.5	23.0	81.5
Professionals	49.4	43.3	51.0	143.7	47.8	191.6
Para-professionals	13.2	13.9	15.9	43.0	23.0	65.9
Tradespersons	19.4	14.3	10.7	44.4	23.3	67.7
Clerks	25.6	29.0	25.5	80.1	27.3	107.4
Salespersons and personal service workers	20.5	13.0	11.5	45.0	20.0	64.9
Plant and machine operators, and drivers	* 5.9	* 2.9	* 5.4	14.2	* 5.4	19.6
Labourers and related workers	* 4.5	* 5.3	* 5.8	15.6	9.1	24.7
Total(a)	155.9	143.8	144.9	444.5	178.7	623.2

(a) Includes not determined.

**TABLE 24. PERSONS WHO ATTENDED AN EXTERNAL TRAINING COURSE IN THE LAST 12 MONTHS WHILE WORKING :
SUMMARY OF EMPLOYER SUPPORT AND TOTAL TIME SPENT ON EXTERNAL TRAINING COURSES ATTENDED IN THE
LAST 12 MONTHS WHILE WORKING, 1989**
(*000)

Summary of employer support for external training courses attended while working	Less than 40 hours			Total	40 hours or more	Total
	1 - 9 hours	10 - 19 hours	20 - 39 hours			
Attended one external training course while working	131.8	102.6	88.3	322.7	96.4	419.2
Employer support provided	88.0	71.3	60.5	219.8	59.3	279.1
Main period employer	86.4	67.8	58.5	212.7	56.3	269.0
Paid for study materials or fees	62.0	57.9	47.3	167.2	41.6	208.8
Provided paid study leave	62.4	49.0	47.7	159.0	44.8	203.8
Other	12.7	9.3	10.9	32.9	11.9	44.8
Other employer	* 2.2	* 4.3	* 1.9	8.4	* 3.0	11.5
No employer support provided	43.8	31.3	27.8	102.9	37.1	140.0
Attended two or more external training courses while working	24.1	41.1	56.6	121.7	82.3	204.0
Employer support provided	12.2	29.1	45.0	86.2	63.9	150.1
Main period employer	11.7	28.6	43.6	83.9	60.9	144.8
Paid for study materials or fees	* 7.6	20.2	38.0	65.8	52.5	118.3
Provided paid study leave	* 6.5	21.7	36.5	64.7	48.4	113.0
Other	* 3.4	* 6.4	8.4	18.2	15.0	33.2
Other employer	* 0.8	* 0.8	* 2.4	* 4.0	* 4.3	8.4
No employer support provided	11.9	12.0	11.6	35.5	18.4	53.9
Total	155.9	143.8	144.9	444.5	178.7	623.2

TABLE 25. PERSONS WHO STUDIED FOR AN EDUCATIONAL QUALIFICATION IN 1988 : EMPLOYER SUPPORT FOR FIRST QUALIFICATION STUDIED IN 1988 AND FULL-TIME/PART-TIME STUDY STATUS, 1989 ('000)

<i>Employer support for first qualification studied in 1988</i>	<i>Enrolled for full academic year</i>			<i>Enrolled for part of academic year</i>			<i>Total</i>		
	<i>Full-time</i>	<i>Part-time/ correspondence</i>	<i>Total</i>	<i>Full-time</i>	<i>Part-time/ correspondence</i>	<i>Total</i>	<i>Full-time</i>	<i>Part-time/ correspondence</i>	<i>Total</i>
Employer support provided	34.4	198.0	232.4	29.9	90.0	119.9	64.3	288.0	352.3
Main period employer	28.0	184.4	212.4	26.5	80.4	106.8	54.5	264.7	319.2
Paid for study materials or fees	12.6	85.0	97.6	16.7	48.7	65.3	29.3	133.7	163.0
Provided paid study leave	17.6	150.1	167.7	24.1	53.2	77.3	41.7	203.3	245.0
Other	* 7.4	26.4	33.8	* 6.1	11.6	17.7	13.5	38.0	51.5
Other employer	* 7.7	20.8	28.5	* 4.4	11.5	15.9	12.1	32.3	44.4
Paid for study materials or fees	* 4.4	9.9	14.3	* 2.4	* 6.7	9.2	* 6.8	16.6	23.5
Provided paid study leave	* 4.1	15.0	19.1	* 2.4	* 6.5	8.8	* 6.4	21.5	27.9
Other	* 4.9	* 3.6	8.5	* 1.5	* 2.7	* 4.1	* 6.4	* 6.3	12.6
No employer support provided	333.3	199.9	533.2	71.7	166.8	238.5	405.0	366.7	771.7
Total	367.7	397.9	765.6	101.6	256.8	358.4	469.3	654.7	1,124.0

TABLE 26. PERSONS WHO STUDIED FOR AN EDUCATIONAL QUALIFICATION IN 1988 : EMPLOYER SUPPORT FOR FIRST QUALIFICATION STUDIED IN 1988, LEVEL OF FIRST QUALIFICATION STUDIED IN 1988 AND FULL-TIME/PART-TIME STUDY STATUS, 1989 ('000)

	<i>Enrolled for full academic year</i>			<i>Enrolled for part of academic year</i>			<i>Total</i>		
	<i>Full-time</i>	<i>Part-time/ correspondence</i>	<i>Total</i>	<i>Full-time</i>	<i>Part-time/ correspondence</i>	<i>Total</i>	<i>Full-time</i>	<i>Part-time/ correspondence</i>	<i>Total</i>
Employer support provided —									
Post-graduate degree or graduate diploma	* 6.7	27.7	34.4	* 0.7	8.7	9.4	* 7.4	36.3	43.8
Bachelor degree or diploma	10.9	51.9	62.8	* 3.5	9.2	12.7	14.4	61.1	75.5
Trade qualification or apprenticeship	* 6.2	77.4	83.6	9.2	20.2	29.5	15.5	97.6	113.1
Post-secondary certificate	9.5	38.1	47.6	14.2	45.7	60.0	23.8	83.8	107.6
Secondary school certificate	* 0.9	* 1.0	* 2.0	* 0.0	* 1.3	* 1.3	* 0.9	* 2.3	* 3.2
Other	* 0.2	* 2.0	* 2.1	* 2.2	* 4.9	* 7.1	* 2.4	* 6.9	9.3
<i>Total</i>	<i>34.4</i>	<i>198.0</i>	<i>232.4</i>	<i>29.9</i>	<i>90.0</i>	<i>119.9</i>	<i>64.3</i>	<i>288.0</i>	<i>352.3</i>
No employer support provided —									
Post-graduate degree or graduate diploma	14.0	30.0	44.0	* 3.0	10.9	13.9	17.0	40.9	57.9
Bachelor degree or diploma	153.4	61.2	214.6	14.9	26.0	40.9	168.3	87.3	255.6
Trade qualification or apprenticeship	* 3.2	19.0	22.3	* 4.7	9.3	14.0	* 7.9	28.4	36.3
Post-secondary certificate	28.1	73.8	101.9	27.0	103.6	130.6	55.1	177.4	232.5
Secondary school certificate	133.3	11.1	144.4	20.3	* 5.4	25.7	153.5	16.5	170.1
Other	* 1.2	* 4.7	* 5.9	* 1.9	11.5	13.4	* 3.1	16.2	19.3
<i>Total</i>	<i>333.3</i>	<i>199.9</i>	<i>533.2</i>	<i>71.7</i>	<i>166.8</i>	<i>238.5</i>	<i>405.0</i>	<i>366.7</i>	<i>771.7</i>
Total —									
Post-graduate degree or graduate diploma	20.7	57.7	78.4	* 3.7	19.5	23.3	24.4	77.2	101.7
Bachelor degree or diploma	164.3	113.1	277.4	18.4	35.2	53.6	182.7	148.3	331.0
Trade qualification or apprenticeship	9.4	96.4	105.9	13.9	29.6	43.5	23.4	126.0	149.4
Post-secondary certificate	37.7	111.9	149.5	41.2	149.3	190.5	78.9	261.2	340.1
Secondary school certificate	134.2	12.1	146.3	20.3	* 6.7	27.0	154.5	18.9	173.3
Other	* 1.4	* 6.7	8.1	* 4.1	16.4	20.5	* 5.5	23.1	28.6
Total	367.7	397.9	765.6	101.6	256.8	358.4	469.3	654.7	1,124.0

TABLE 27. PERSONS WITH POST-SCHOOL QUALIFICATIONS : EMPLOYER SUPPORT FOR HIGHEST EDUCATIONAL QUALIFICATION OBTAINED AND LEVEL OF EDUCATIONAL ATTAINMENT, 1989
(^{'000})

<i>Employer support for highest educational qualification obtained</i>	<i>Level of educational attainment</i>				<i>Total(a)</i>
	<i>Post-graduate degree or graduate diploma</i>	<i>Bachelor degree or diploma</i>	<i>Trade qualification or apprenticeship</i>	<i>Post-secondary certificate</i>	
MALES					
Employer support provided	75.0	128.4	548.7	176.2	942.0
Main period employer	44.2	68.3	155.7	104.1	381.9
Paid for study materials or fees	25.2	47.1	104.7	79.0	264.0
Provided paid study leave	30.0	42.8	122.4	72.0	273.0
Other	13.2	17.6	31.3	20.9	87.4
Other employer(b)	33.9	64.5	400.0	75.7	578.8
Paid for study materials or fees	23.3	44.8	226.2	52.6	350.1
Provided paid study leave	23.9	46.9	316.3	47.5	436.3
Other	10.0	13.4	81.6	16.8	123.9
No employer support provided	110.1	282.3	321.9	197.3	918.2
<i>Total</i>	<i>185.1</i>	<i>410.7</i>	<i>870.7</i>	<i>373.5</i>	<i>1,860.2</i>
FEMALES					
Employer support provided	39.0	73.8	32.9	206.2	356.1
Main period employer	24.2	43.9	* 6.7	93.1	169.4
Paid for study materials or fees	12.6	32.3	* 3.2	63.6	113.4
Provided paid study leave	16.8	15.7	* 4.8	63.7	102.2
Other	* 3.4	14.5	* 0.5	19.2	38.8
Other employer(b)	16.7	30.5	27.7	115.8	193.5
Paid for study materials or fees	* 7.8	16.1	16.4	68.1	110.2
Provided paid study leave	9.8	17.1	20.0	72.6	122.0
Other	* 5.2	12.6	* 5.1	32.8	56.1
No employer support provided	91.6	263.2	32.5	564.1	956.3
<i>Total</i>	<i>130.6</i>	<i>336.9</i>	<i>65.3</i>	<i>770.2</i>	<i>1,312.4</i>
PERSONS					
Employer support provided	114.0	202.1	581.6	382.3	1,298.1
Main period employer	68.4	112.2	162.4	197.2	551.3
Paid for study materials or fees	37.8	79.5	108.0	142.6	377.3
Provided paid study leave	46.8	58.5	127.2	135.8	375.2
Other	16.6	32.1	31.8	40.2	126.2
Other employer(b)	50.6	95.0	427.7	191.5	772.2
Paid for study materials or fees	31.1	60.9	242.6	120.8	460.3
Provided paid study leave	33.6	63.9	336.3	120.1	558.3
Other	15.2	26.0	86.7	49.6	180.0
No employer support provided	201.7	545.5	354.4	761.4	1,874.5
<i>Total</i>	<i>315.7</i>	<i>747.6</i>	<i>936.0</i>	<i>1,143.7</i>	<i>3,172.6</i>

(a) Includes other post-school qualifications. (b) Includes a small number of persons whose type of other employer support was not determined.

SECTION 4. TRAINING COURSES

NOTE: Tables of training courses relate to the principal courses attended. For persons attending 4 or less in-house or external training courses, all courses have been tabulated. For persons attending 5 or more in-house or external training courses, only the 4 main courses have been tabulated. This means that tables in this publication underestimate the number of training courses undertaken by persons who attended more than four in-house or external training courses.

TABLE 28. PERSONS WHO ATTENDED AN IN-HOUSE TRAINING COURSE IN THE LAST 12 MONTHS : NUMBER OF IN-HOUSE TRAINING COURSES ATTENDED IN THE LAST 12 MONTHS, TIME SPENT ON MAIN IN-HOUSE TRAINING COURSE AND MAIN TYPE OF IN-HOUSE TRAINING COURSE ATTENDED IN THE LAST 12 MONTHS, 1989 ('000)

	Main type of in-house training course attended in the last 12 months										Total
	Management and professional training	Technical and para-professional training	Trade/craft training	Clerical/office training	Sales and personal service training	Induction training	General supervisory training	General computing skills training	General health and safety training	Other training	
Attended one in-house training course —											
Less than 40 hours	132.0	50.0	27.2	72.8	107.3	38.5	30.6	93.1	126.4	109.5	787.3
1 — 9 hours	52.9	25.0	18.5	39.3	58.8	21.8	11.3	37.9	91.8	68.1	425.4
10 — 19 hours	34.7	11.8	* 4.4	17.5	23.7	* 7.6	* 7.5	26.3	16.8	22.8	173.1
20 — 39 hours	44.4	13.2	* 4.3	16.0	24.8	9.1	11.8	29.0	17.8	18.6	188.9
40 hours or more	44.8	25.4	13.3	12.6	10.4	14.1	10.1	17.8	13.5	27.5	189.3
Total	176.8	75.4	40.5	85.3	117.6	52.6	40.7	110.9	139.9	137.0	976.7
Attended two or more in-house training courses —											
Less than 40 hours	343.0	106.6	45.4	71.2	111.5	31.7	50.3	103.6	95.8	88.7	1,047.6
1 — 9 hours	127.3	60.9	25.2	29.3	58.8	17.6	18.9	33.5	66.4	47.6	485.4
10 — 19 hours	98.9	20.8	* 7.9	21.2	26.2	* 5.1	12.4	33.8	10.8	17.2	254.5
20 — 39 hours	116.8	24.8	12.2	20.7	26.5	8.9	19.0	36.2	18.6	23.9	307.7
40 hours or more	96.8	49.7	15.0	17.8	21.2	16.6	16.6	29.7	17.7	32.2	313.2
Total	439.8	156.2	60.4	88.9	132.7	48.3	66.9	133.2	113.5	120.9	1,360.9
Total —											
Less than 40 hours	475.0	156.6	72.5	143.9	218.8	70.2	80.9	196.7	222.2	198.2	1,835.0
1 — 9 hours	180.2	85.9	43.7	68.5	117.7	39.4	30.1	71.4	158.2	115.6	910.7
10 — 19 hours	133.6	32.7	12.3	38.7	49.8	12.7	19.9	60.1	27.6	40.1	427.6
20 — 39 hours	161.2	38.0	16.5	36.7	51.3	18.0	30.8	65.2	36.3	42.5	496.7
40 hours or more	141.6	75.1	28.3	30.3	31.5	30.7	26.7	47.4	31.2	59.6	502.6
Total	616.6	231.7	100.8	174.3	250.3	100.9	107.6	244.1	253.3	257.9	2,337.5

TABLE 29. PERSONS WHO ATTENDED AN IN-HOUSE TRAINING COURSE IN THE LAST 12 MONTHS : SUMMARY OF MAIN IN-HOUSE TRAINING COURSE CHARACTERISTICS AND MAIN TYPE OF IN-HOUSE TRAINING COURSE ATTENDED IN THE LAST 12 MONTHS, 1989 ('000)

	Main type of in-house training course attended in the last 12 months										Total
	Management and professional training	Technical and para-professional training	Trade/craft training	Clerical/office training	Sales and personal service training	Induction training	General supervisory training	General computing skills training	General health and safety training	Other training	
Structure of main in-house training course —											
Conducted with an instructor	575.2	221.4	95.3	165.8	230.6	94.6	102.4	227.1	241.7	242.1	2,196.1
With structured notes or a manual	480.3	183.0	75.3	146.5	185.8	77.1	87.8	200.3	171.9	184.7	1,792.8
Self paced course	90.2	27.2	22.2	33.6	39.1	14.7	18.8	64.0	33.5	39.9	383.1
Not a self paced course	390.1	155.8	53.2	112.8	146.7	62.3	69.0	136.3	138.5	144.8	1,409.7
Without structured notes or a manual	94.9	38.4	19.9	19.3	44.8	17.5	14.6	26.8	69.7	57.4	403.3
Self paced course	18.6	* 7.6	* 6.1	* 7.4	10.8	* 4.3	* 5.6	10.8	11.7	17.6	100.5
Not a self paced course	76.3	30.8	13.8	11.9	34.0	13.2	9.0	16.0	58.0	39.8	302.8
Conducted without an instructor	41.4	10.2	* 5.6	8.5	19.7	* 6.3	* 5.2	17.0	11.7	15.8	141.4
Whether main in-house training course was for retraining —											
Did training to enable a different kind of work	95.1	51.6	25.4	56.9	43.4	29.4	35.5	109.1	28.0	70.9	545.3
Did not do training to enable a different kind of work	521.5	180.1	75.4	117.4	206.9	71.5	72.1	135.1	225.4	187.0	1,792.2
Whether did main in-house training course to help obtain a promotion —											
Did training to help obtain a promotion	129.7	41.1	18.4	40.4	43.0	19.5	46.0	60.2	16.6	46.8	461.5
Training helped in obtaining a promotion	59.8	24.2	* 7.8	21.7	18.4	11.9	21.2	28.7	* 5.3	24.4	223.4
Training is likely to help in obtaining a promotion	43.4	10.1	* 6.9	11.9	15.1	* 3.7	15.3	15.4	* 4.6	12.0	138.5
Other	26.5	* 6.7	* 3.7	* 6.8	9.5	* 3.9	9.5	16.0	* 6.7	10.3	99.6
Did not do training to help obtain a promotion	486.9	190.6	82.4	133.9	207.3	81.4	61.7	184.0	236.7	211.1	1,876.0
Training helped in obtaining a promotion	17.7	15.5	* 7.9	* 7.5	13.8	* 5.9	* 3.6	12.3	10.9	13.0	108.1
Training is likely to help in obtaining a promotion	74.5	20.5	11.9	21.1	36.0	* 4.9	9.6	33.5	13.7	23.9	249.5
Other	394.8	154.6	62.6	105.3	157.6	70.6	48.5	138.2	212.1	174.2	1,518.4
Whether skills gained through main in-house training course transferable to another employer —											
Skills gained could be used with another employer	507.7	195.1	87.3	136.5	220.9	74.1	94.2	221.1	204.8	201.2	1,942.8
Skills gained could not be used with another employer	108.9	36.5	13.6	37.8	29.5	26.8	13.4	23.0	48.5	56.7	394.7
Total	616.6	231.7	100.8	174.3	250.3	100.9	107.6	244.1	253.3	257.9	2,337.5

TABLE 30. PERSONS WHO ATTENDED AN EXTERNAL TRAINING COURSE IN THE LAST 12 MONTHS : STRUCTURE OF MAIN EXTERNAL TRAINING COURSE AND MAIN TYPE OF EXTERNAL TRAINING COURSE ATTENDED IN THE LAST 12 MONTHS, 1989
(*000)

Structure of main external training course	Main type of external training course attended in the last 12 months								Total
	Management and professional training	Technical and para-professional training	Trade/craft training	Clerical/office training	Sales and personal service training	General computing skills training	General health and safety training	Other training	
Conducted with an instructor	194.3	67.2	60.4	39.2	54.0	82.4	38.2	98.6	634.3
With structured notes or a manual	168.3	57.6	52.6	36.0	46.3	75.9	36.7	81.4	554.7
Self paced course	29.9	8.0	9.5	11.8	13.1	23.7	* 4.5	23.0	123.4
Not a self paced course	138.4	49.5	43.1	24.3	33.2	52.2	32.2	58.4	431.3
Without structured notes or a manual	26.0	9.6	* 7.8	* 3.2	* 7.8	* 6.5	* 1.5	17.2	79.6
Conducted without an instructor	13.4	* 1.6	* 0.6	* 1.0	* 1.8	* 1.7	* 0.0	* 4.0	24.0
Total	207.7	68.8	61.0	40.2	55.8	84.1	38.2	102.6	658.4

TABLE 31. PERSONS WHO ATTENDED AN EXTERNAL TRAINING COURSE IN THE LAST 12 MONTHS : NUMBER OF EXTERNAL TRAINING COURSES ATTENDED IN THE LAST 12 MONTHS, TIME SPENT ON MAIN EXTERNAL TRAINING COURSE AND MAIN TYPE OF EXTERNAL TRAINING COURSE ATTENDED IN THE LAST 12 MONTHS, 1989
(*000)

	Main type of external training course attended in the last 12 months								Total
	Management and professional training	Technical and para-professional training	Trade/craft training	Clerical/office training	Sales and personal service training	General computing skills training	General health and safety training	Other training	
Attended one external training course —									
Less than 40 hours	91.8	31.2	26.5	26.2	28.2	55.3	23.7	55.5	338.4
1 — 9 hours	33.8	15.1	12.0	11.4	15.9	17.7	* 5.7	22.0	133.8
10 — 19 hours	27.7	* 6.8	* 6.3	9.9	* 7.3	21.1	9.2	19.8	108.2
20 — 39 hours	30.3	9.3	8.1	* 4.9	* 5.0	16.4	8.8	13.7	96.4
40 hours or more	26.9	11.4	20.0	9.1	* 6.4	10.2	* 4.3	19.0	107.3
<i>Total</i>	<i>118.7</i>	<i>42.6</i>	<i>46.5</i>	<i>35.4</i>	<i>34.6</i>	<i>65.4</i>	<i>28.0</i>	<i>74.5</i>	<i>445.7</i>
Attended two or more external training courses —									
Less than 40 hours	74.9	22.0	8.9	* 4.3	18.9	13.3	* 5.3	19.6	167.1
40 hours or more	14.1	* 4.2	* 5.6	* 0.5	* 2.4	* 5.4	* 4.9	8.5	45.6
<i>Total</i>	<i>89.0</i>	<i>26.2</i>	<i>14.5</i>	<i>* 4.9</i>	<i>21.2</i>	<i>18.6</i>	<i>10.1</i>	<i>28.1</i>	<i>212.7</i>
Total —									
Less than 40 hours	166.6	53.2	35.4	30.6	47.1	68.5	29.0	75.1	505.5
1 — 9 hours	64.6	26.4	19.5	12.7	26.8	20.1	* 7.4	29.0	206.5
10 — 19 hours	47.9	11.8	* 7.6	11.4	11.4	25.8	10.2	27.7	153.8
20 — 39 hours	54.1	15.0	8.4	* 6.5	8.8	22.6	11.4	18.3	145.2
40 hours or more	41.0	15.6	25.6	9.7	8.8	15.5	9.2	27.5	152.9
Total	207.7	68.8	61.0	40.2	55.8	84.1	38.2	102.6	658.4

TABLE 32. PERSONS WHO ATTENDED AN EXTERNAL TRAINING COURSE IN THE LAST 12 MONTHS : PROVIDER OF MAIN EXTERNAL TRAINING COURSE, NUMBER OF EXTERNAL TRAINING COURSES ATTENDED IN THE LAST 12 MONTHS AND MAIN TYPE OF EXTERNAL TRAINING COURSE ATTENDED IN THE LAST 12 MONTHS, 1989 ('000)

	<i>Main type of external training course attended in the last 12 months</i>								<i>Total</i>
	<i>Management and professional training</i>	<i>Technical and para-professional training</i>	<i>Trade/craft training</i>	<i>Clerical/office training</i>	<i>Sales and personal service training</i>	<i>General computing skills training</i>	<i>General health and safety training</i>	<i>Other training</i>	
Provider of main external training course —									
Educational institution	56.4	13.4	27.7	18.0	* 5.1	32.0	* 5.8	28.6	187.0
Training consultant	52.6	8.2	* 5.5	* 7.3	18.5	22.9	* 4.8	14.7	134.3
Equipment supplier or manufacturer	10.7	16.7	19.1	* 3.6	18.3	22.1	* 1.5	12.7	104.6
Professional or industrial association	79.9	24.1	* 6.1	* 5.5	10.2	* 4.8	15.6	24.6	170.7
Other	8.0	* 6.4	* 2.7	* 5.9	* 3.8	* 2.4	10.6	22.0	61.7
Number of external training courses attended in the last 12 months —									
One	118.7	42.6	46.5	35.4	34.6	65.4	28.0	74.5	445.7
Two or more	89.0	26.2	14.5	* 4.9	21.2	18.6	10.1	28.1	212.7
Total	207.7	68.8	61.0	40.2	55.8	84.1	38.2	102.6	658.4

TABLE 33. PERSONS WHO ATTENDED AN EXTERNAL TRAINING COURSE IN THE LAST 12 MONTHS WHILE WORKING : SUMMARY OF CHARACTERISTICS OF MAIN EXTERNAL TRAINING COURSE ATTENDED WHILE WORKING AND MAIN TYPE OF EXTERNAL TRAINING COURSE ATTENDED IN THE LAST 12 MONTHS WHILE WORKING, 1989 ('000)

	<i>Main type of external training course attended in the last 12 months while working</i>								<i>Total</i>
	<i>Management and professional training</i>	<i>Technical and para-professional training</i>	<i>Trade/craft training</i>	<i>Clerical/office training</i>	<i>Sales and personal service training</i>	<i>General computing skills training</i>	<i>General health and safety training</i>	<i>Other training</i>	
Whether main external training course attended while working was for retraining —									
Did training to enable a different kind of work	35.3	13.9	19.1	10.3	10.8	30.3	8.7	26.4	154.9
Did not do training to enable a different kind of work	170.1	52.3	36.9	22.1	42.4	51.0	28.0	65.6	468.3
Whether did main external training course while working to help obtain a promotion —									
Did training to help obtain a promotion	37.4	9.2	10.7	* 5.2	* 6.7	10.7	* 4.8	14.2	98.9
Did not do training to help obtain a promotion	168.0	57.0	45.3	27.2	46.4	70.6	31.9	77.8	524.3
Whether skills gained through main external training course attended while working transferable to another employer —									
Skills gained could be used with another employer	189.4	62.5	53.4	31.3	51.3	76.2	34.8	84.6	583.5
Skills gained could not be used with another employer	16.0	* 3.7	* 2.6	* 1.1	* 1.9	* 5.1	* 1.9	* 7.4	39.7
Employer support for main external training course attended while working —									
Employer support provided	149.0	49.7	34.3	16.9	34.4	61.3	23.1	53.6	422.2
Main period employer	143.3	48.1	32.5	16.9	32.1	60.7	22.5	50.8	406.9
Paid for study materials or fees	121.6	40.0	18.0	12.8	22.8	51.3	18.7	33.1	318.3
Provided paid study leave	108.6	33.6	26.3	13.3	20.5	47.5	17.4	39.6	306.8
Other	26.0	11.0	* 5.1	* 3.8	* 7.4	* 4.4	* 2.0	10.6	70.3
Other employer	* 6.8	* 2.1	* 1.8	* 0.0	* 3.7	* 0.5	* 0.6	* 2.8	18.3
No employer support provided	56.5	16.5	21.7	15.5	18.8	20.0	13.6	38.4	201.0
Total	205.5	66.2	56.0	32.4	53.2	81.3	36.7	92.0	623.2

TABLE 34. IN-HOUSE TRAINING COURSES ATTENDED IN THE LAST 12 MONTHS : OCCUPATION, INDUSTRY, SECTOR AND TYPES OF IN-HOUSE TRAINING COURSES ATTENDED IN THE LAST 12 MONTHS, 1989 ('000)

<i>Types of in-house training courses attended in the last 12 months</i>													
	<i>Management and professional training</i>	<i>Technical and para-professional training</i>	<i>Trade/craft training</i>	<i>Clerical/office training</i>	<i>Sales and personal service training</i>	<i>Transport and machinery operation training</i>	<i>Labouring and related training</i>	<i>Induction training</i>	<i>General supervisory training</i>	<i>General computing skills training</i>	<i>General health and safety training</i>	<i>Other training</i>	<i>Total</i>
Occupation —													
Managers and administrators	254.4	28.4	* 4.8	15.4	67.7	* 0.3	* 1.5	* 6.3	26.9	37.4	22.7	29.4	495.1
Professionals	735.1	114.6	17.1	24.4	34.9	* 1.8	* 1.4	32.5	36.9	137.0	43.0	79.3	1,258.1
Para-professionals	121.7	242.0	8.4	10.9	15.2	* 7.0	* 4.3	14.9	30.8	31.8	72.0	45.0	603.9
Tradespersons	31.6	61.2	120.4	* 2.5	18.5	35.9	8.6	15.6	26.6	13.2	97.4	20.0	451.5
Clerks	143.7	31.6	* 7.9	246.8	80.9	* 3.8	* 5.5	39.7	58.6	203.4	61.1	74.2	957.1
Salespersons and personal service workers	99.9	56.3	13.2	40.2	308.7	* 5.4	* 2.9	31.0	24.7	42.7	61.1	33.0	719.1
Plant and machine operators, and drivers	9.6	15.3	12.0	* 1.9	* 2.3	43.1	9.0	12.3	12.8	* 6.2	70.6	11.9	207.1
Labourers and related workers(a)	19.2	25.2	11.2	* 3.9	11.9	16.5	26.5	15.4	29.3	* 5.7	97.7	24.5	287.1
Industry —													
Agriculture, forestry, fishing and hunting	8.6	* 1.9	* 0.9	* 2.4	* 0.9	* 3.8	* 0.8	* 0.0	* 0.6	* 0.9	* 2.6	* 1.6	25.1
Mining	14.8	* 6.3	9.0	* 2.2	* 0.0	* 7.5	* 0.9	* 5.6	* 3.3	* 7.4	21.0	* 2.8	80.9
Manufacturing	101.3	69.3	42.0	18.3	58.2	31.0	15.4	18.5	49.1	54.1	104.6	30.6	592.3
Electricity, gas and water	31.4	13.8	* 6.0	13.9	* 3.2	* 5.5	* 2.5	* 5.2	11.9	24.0	35.3	* 6.9	159.6
Construction	21.7	11.3	14.3	* 4.0	* 5.0	* 4.1	* 3.6	* 4.8	9.7	16.8	28.1	* 5.3	128.7
Wholesale and retail trade	129.6	42.8	51.1	31.5	230.7	15.5	* 6.3	27.2	23.1	41.4	37.0	29.5	665.8
Transport and storage	32.2	16.5	8.6	15.3	26.5	25.5	* 2.3	* 4.9	10.3	25.3	25.9	15.3	208.5
Communication	34.3	35.8	17.5	* 7.3	11.3	* 3.5	* 1.5	* 5.9	14.8	24.8	16.0	8.8	181.5
Finance, property and business services	220.6	25.0	* 4.9	118.5	119.2	* 0.9	* 3.3	31.6	32.0	105.7	16.1	51.2	729.0
Public administration and defence	97.1	35.2	8.3	79.4	10.8	* 7.7	* 5.5	17.3	30.2	70.6	50.2	29.4	441.6
Community services	692.0	311.2	20.8	45.4	35.0	* 5.7	13.3	36.8	51.5	93.8	171.0	116.1	1,592.5
Recreational, personal and other services	31.6	* 5.4	11.6	* 7.9	39.2	* 3.2	* 4.2	10.0	10.2	12.6	17.6	19.8	173.4
Sector —													
Public	733.8	335.6	64.7	191.8	69.1	42.9	21.9	70.9	116.4	234.5	249.0	147.1	2,277.7
Private	681.3	239.0	130.3	154.1	471.0	71.0	37.7	96.8	130.2	242.9	276.6	170.3	2,701.2
Total	1,415.2	574.6	195.0	345.9	540.0	113.9	59.7	167.7	246.6	477.4	525.6	317.4	4,978.9
<i>Males</i>	<i>830.9</i>	<i>306.4</i>	<i>164.7</i>	<i>125.9</i>	<i>251.5</i>	<i>107.1</i>	<i>41.9</i>	<i>86.9</i>	<i>158.2</i>	<i>246.6</i>	<i>323.4</i>	<i>163.5</i>	<i>2,807.1</i>
<i>Females</i>	<i>584.3</i>	<i>268.2</i>	<i>30.3</i>	<i>220.0</i>	<i>288.5</i>	<i>* 6.7</i>	<i>17.8</i>	<i>80.8</i>	<i>88.4</i>	<i>230.8</i>	<i>202.2</i>	<i>153.9</i>	<i>2,171.9</i>

(a) Includes a small number of persons whose occupation was not determined. NOTE: Estimates relate to the four principal in-house training courses undertaken over the last 12 months. Therefore, a person may contribute more than once to a type of course or to more than one type of course.

TABLE 35. IN-HOUSE TRAINING COURSES ATTENDED IN THE LAST 12 MONTHS : SUMMARY OF IN-HOUSE TRAINING COURSE CHARACTERISTICS AND TYPES OF IN-HOUSE TRAINING COURSES ATTENDED IN THE LAST 12 MONTHS, 1989 ('000)

	<i>Types of in-house training courses attended in the last 12 months</i>												<i>Total</i>
	<i>Management and professional training</i>	<i>Technical and para-professional training</i>	<i>Trade/craft training</i>	<i>Clerical/office training</i>	<i>Sales and personal service training</i>	<i>Transport and machinery operation training</i>	<i>Labouring and related training</i>	<i>Induction training</i>	<i>General supervisory training</i>	<i>General computing skills training</i>	<i>General health and safety training</i>	<i>Other training</i>	
Structure of in-house training courses —													
Conducted with an instructor	1,307.9	543.9	180.3	326.8	500.9	109.0	57.7	158.2	234.1	436.0	499.9	293.3	4,647.9
With structured notes or a manual	1,047.5	419.7	143.8	280.9	404.0	85.5	35.8	129.1	197.2	384.1	353.7	217.2	3,698.6
Self paced course	194.2	75.6	45.4	74.1	91.4	25.4	* 7.1	32.4	47.9	124.0	80.3	41.0	838.9
Not a self paced course	853.3	344.1	98.5	206.8	312.5	60.2	28.8	96.7	149.3	260.1	273.3	176.1	2,859.7
Without structured notes or a manual	260.4	124.1	36.5	45.8	96.9	23.5	21.9	29.1	36.9	51.8	146.2	76.2	949.3
Self paced course	56.9	29.4	14.5	14.3	21.7	11.6	* 6.4	* 6.9	12.4	22.4	26.0	20.8	243.4
Not a self paced course	203.5	94.8	22.0	31.5	75.2	11.9	15.5	22.2	24.5	29.5	120.2	55.3	705.9
Conducted without an instructor	107.2	30.8	14.7	19.2	39.2	* 4.9	* 2.0	9.5	12.5	41.5	25.7	24.1	331.0
Whether in-house training courses were for retraining —													
Did training to enable a different kind of work	189.6	109.3	52.1	102.8	90.4	45.9	17.0	47.2	76.9	204.7	53.1	57.8	1,046.9
Did not do training to enable a different kind of work	1,225.6	465.3	142.9	243.1	449.6	68.0	42.6	120.5	169.6	272.7	472.4	259.6	3,932.0
Whether did in-house training courses to help obtain a promotion —													
Did training to help obtain a promotion	259.6	86.0	34.9	83.2	89.3	24.1	14.8	26.6	100.1	105.8	35.8	45.8	906.1
Training helped in obtaining a promotion	115.1	48.4	15.6	46.5	43.7	10.9	* 6.4	17.8	49.0	56.1	12.1	21.0	442.5
Training is likely to help in obtaining a promotion	92.3	22.0	13.7	24.4	30.5	* 6.7	* 4.6	* 4.3	33.5	28.3	12.1	17.1	289.7
Other	52.3	15.6	* 5.6	12.3	15.1	* 6.5	* 3.8	* 4.5	17.5	21.4	11.5	* 7.6	173.8
Did not do training to help obtain a promotion	1,155.5	488.6	160.1	262.7	450.7	89.8	44.8	141.1	146.5	371.6	489.8	271.6	4,072.9
Training helped in obtaining a promotion	37.4	28.0	14.2	11.6	26.4	11.3	* 1.1	* 7.9	9.4	20.8	15.8	9.8	193.8
Training is likely to help in obtaining a promotion	160.3	44.9	23.2	43.0	82.1	12.0	* 5.1	9.4	22.7	71.8	24.6	27.0	526.2
Other	957.8	415.7	122.7	208.1	342.3	66.5	38.6	123.8	114.4	278.9	449.4	234.8	3,352.9
Whether skills gained through in-house training courses transferable to another employer —													
Skills gained could be used with another employer	1,125.6	471.9	166.2	273.8	474.4	95.5	45.3	122.0	220.6	433.2	432.0	237.9	4,098.4
Skills gained could not be used with another employer	289.5	102.7	28.9	72.1	65.6	18.3	14.4	45.7	26.0	44.2	93.5	79.5	880.5
Time spent on in-house training courses attended in the last 12 months —													
Less than 40 hours	1,237.8	469.0	154.8	305.8	493.5	87.0	51.5	131.8	203.9	419.3	482.9	273.5	4,310.9
1 — 9 hours	706.9	309.0	102.5	179.2	308.8	60.1	40.4	79.1	101.0	191.2	369.0	164.5	2,611.8
10 — 19 hours	267.3	81.1	28.4	69.7	100.7	13.2	* 5.1	26.2	53.3	132.3	56.9	60.3	894.4
20 — 29 hours	172.4	55.0	15.1	35.0	57.0	9.6	* 3.6	15.3	27.7	69.6	34.9	35.0	530.1
30 — 39 hours	91.2	24.0	8.7	21.9	27.0	* 4.0	* 2.4	11.2	21.9	26.2	22.2	13.8	274.6
40 hours or more	177.3	105.6	40.3	40.1	46.6	26.9	8.2	35.9	42.6	58.1	42.6	43.9	668.1
Total	1,415.2	574.6	195.0	345.9	540.0	113.9	59.7	167.7	246.6	477.4	525.6	317.4	4,978.9

NOTE: Estimates relate to the four principal in-house training courses undertaken over the last 12 months. Therefore, a person may contribute more than once to a type of course or to more than one type of course.

TABLE 36. EXTERNAL TRAINING COURSES ATTENDED IN THE LAST 12 MONTHS : OCCUPATION, SECTOR AND TYPES OF EXTERNAL TRAINING COURSES ATTENDED IN THE LAST 12 MONTHS, 1989 ('000)

	<i>Types of external training courses attended in the last 12 months</i>								<i>Total</i>
	<i>Management and professional training</i>	<i>Technical and para-professional training</i>	<i>Trade/craft training</i>	<i>Clerical/office training</i>	<i>Sales and personal service training</i>	<i>General computing skills training</i>	<i>General health and safety training</i>	<i>Other training</i>	
Occupation —									
Managers and administrators	76.2	11.8	* 6.4	* 2.3	14.1	9.5	* 2.9	10.7	133.9
Professionals	195.7	37.4	* 7.6	* 4.8	12.2	34.4	9.4	38.8	340.3
Para-professionals	24.4	38.9	* 6.0	* 1.1	* 3.1	* 7.0	9.1	16.7	106.3
Tradespersons	* 7.6	10.1	44.4	* 1.8	* 6.4	* 3.3	* 5.1	16.0	94.7
Clerks	29.3	8.1	* 2.5	31.9	9.8	48.4	* 6.6	21.7	158.4
Salespersons and personal service workers	20.6	* 5.7	8.8	* 6.5	43.6	* 4.7	* 3.1	17.5	110.4
Plant and machine operators, and drivers	* 2.6	* 0.3	* 4.9	* 0.0	* 0.7	* 2.4	* 5.3	10.3	26.5
Labourers and related workers	* 4.8	* 2.0	* 5.4	* 0.0	* 2.7	* 3.4	* 7.4	16.2	42.0
Sector —									
Public	142.7	56.0	17.1	18.8	11.7	48.2	20.4	53.2	368.0
Private	218.5	58.4	68.8	29.5	81.0	64.9	28.5	94.9	644.4
Total	361.1	114.4	85.9	48.3	92.7	113.1	48.9	148.0	1,012.4
<i>Males</i>	225.4	72.8	62.6	* 5.9	57.7	63.2	28.4	90.2	605.9
<i>Females</i>	135.8	41.6	23.3	42.4	35.0	49.9	20.5	57.9	406.5

NOTE: Estimates relate to the four principal external training courses undertaken over the last 12 months. Therefore, a person may contribute more than once to a type of course or to more than one type of course.

TABLE 37. EXTERNAL TRAINING COURSES ATTENDED IN THE LAST 12 MONTHS : TIME SPENT ON EXTERNAL TRAINING COURSES ATTENDED IN THE LAST 12 MONTHS AND TYPES OF EXTERNAL TRAINING COURSES ATTENDED IN THE LAST 12 MONTHS, 1989 ('000)

<i>Time spent on external training courses attended in the last 12 months</i>	<i>Types of external training courses attended in the last 12 months</i>								<i>Total</i>
	<i>Management and professional training</i>	<i>Technical and para-professional training</i>	<i>Trade/craft training</i>	<i>Clerical/office training</i>	<i>Sales and personal service training</i>	<i>General computing skills training</i>	<i>General health and safety training</i>	<i>Other training</i>	
Less than 40 hours	313.6	97.1	56.7	37.5	83.9	95.1	38.1	116.9	838.9
1 — 9 hours	164.9	54.7	36.1	18.0	56.0	30.1	12.2	54.7	426.7
10 — 19 hours	72.0	20.6	10.4	12.5	15.3	35.6	13.2	38.2	217.7
20 — 39 hours	76.7	21.8	10.2	* 7.0	12.6	29.4	12.7	24.1	194.5
40 hours or more	47.6	17.3	29.2	10.7	8.8	18.0	10.8	31.1	173.5
Total	361.1	114.4	85.9	48.3	92.7	113.1	48.9	148.0	1,012.4

NOTE: Estimates relate to the four principal external training courses undertaken over the last 12 months. Therefore, a person may contribute more than once to a type of course or to more than one type of course.

SECTION 5. STUDY IN 1988 FOR AN EDUCATIONAL QUALIFICATION

TABLE 38. PERSONS WHO STUDIED FOR AN EDUCATIONAL QUALIFICATION IN 1988 : MAIN FIELD OF FIRST QUALIFICATION STUDIED IN 1988 AND EMPLOYER SUPPORT FOR THAT QUALIFICATION, 1989 ('000)

<i>Main field of first qualification studied in 1988</i>	<i>Employer support provided</i>	<i>No employer support provided</i>	<i>Total</i>
Bachelor degree or higher	119.2	313.5	432.7
Administration, business studies, commerce	45.7	69.4	115.2
Law	* 5.5	* 7.4	12.9
Education	9.0	50.7	59.7
Medicine	8.2	20.0	28.2
Science, mathematics	* 7.7	37.9	45.6
Computing and information sciences	* 4.5	19.5	23.9
Engineering	13.6	21.0	34.6
Social sciences, arts, humanities	16.6	57.9	74.5
Other	8.3	29.8	38.1
Trade qualification or apprenticeship	113.1	36.3	149.4
Metal fitting and machining	16.9	* 6.9	23.8
Other metal	* 7.6	* 2.8	10.4
Electrical and electronics	17.1	* 6.7	23.8
Building	21.9	* 7.9	29.8
Vehicle	23.6	* 5.6	29.3
Other	26.0	* 6.4	32.4
Post-secondary certificate	107.6	232.5	340.1
Business, administration, commerce	30.0	48.2	78.2
Secretarial, typing, data processing	11.0	52.9	63.9
Education, teacher training	* 6.0	9.0	15.0
Nursing	15.6	10.8	26.5
Other health, para-medical	* 6.5	10.4	16.8
Science, computing, agriculture	* 7.5	17.1	24.6
Engineering, architecture	12.1	16.8	29.0
Arts, social studies, crafts	* 0.5	25.2	25.8
Other	18.2	42.0	60.3
Secondary school certificate	* 3.2	170.1	173.3
Other	9.3	19.3	28.6
Total	352.3	771.7	1,124.0

TABLE 39. PERSONS WHO STUDIED FOR AN EDUCATIONAL QUALIFICATION IN 1988 : EDUCATIONAL INSTITUTION AT WHICH ENROLLED FOR FIRST QUALIFICATION STUDIED IN 1988 AND WHO RECOMMENDED STUDY ATTENDANCE, 1989 ('000)

<i>Educational institution at which enrolled for first qualification studied in 1988</i>	<i>Employer recommended</i>			<i>Other</i>			<i>Total</i>		
	<i>Males</i>	<i>Females</i>	<i>Persons</i>	<i>Males</i>	<i>Females</i>	<i>Persons</i>	<i>Males</i>	<i>Females</i>	<i>Persons</i>
Secondary school	* 1.2	* 1.4	* 2.6	82.5	76.1	158.6	83.7	77.5	161.2
University	12.4	10.5	22.9	95.1	82.5	177.6	107.5	93.1	200.5
CAE/Institute of Technology	24.8	9.4	34.2	61.2	81.2	142.4	86.0	90.7	176.6
Technical college/TAFE	136.6	36.3	172.9	138.6	102.1	240.7	275.2	138.4	413.6
Other	34.2	26.9	61.1	47.5	63.4	110.9	81.7	90.3	172.0
Total	209.2	84.6	293.8	424.9	405.3	830.2	634.1	489.9	1,124.0

SECTION 6. POPULATION SUMMARY

TABLE 40. ALL POPULATIONS BY STATES AND TERRITORIES OF USUAL RESIDENCE
(*000)

	N.S.W.	Vic.	Qld.	S.A.	W.A.	Tas.	N.T.	A.C.T.	Aust.
<i>Population 1:</i> Current wage or salary earners	2,006.1	1,600.8	981.5	506.0	593.8	152.7	73.0	127.5	6,041.4
<i>Population 2:</i> Persons who had a wage or salary job in the last 12 months	2,215.4	1,739.1	1,112.7	562.4	680.4	176.2	82.0	136.5	6,704.7
<i>Population 3:</i> Persons with post-school qualifications	1,109.4	777.2	492.4	265.4	336.8	74.6	41.3	75.6	3,172.6
<i>Population 4:</i> Persons who have a job and had a wage or salary job in the last 12 months	2,045.2	1,635.4	1,011.9	518.7	618.7	157.3	73.9	128.7	6,189.8
<i>Population 5:</i> Persons who attended a training course in the last 12 months	834.0	679.8	414.5	238.6	270.5	63.0	33.4	68.8	2,602.5
<i>Population 5A:</i> Persons who attended any category of training in the last 12 months	1,735.1	1,382.4	858.1	452.5	553.5	131.6	67.3	119.6	5,300.1
<i>Population 6:</i> Persons who studied for an educational qualification in 1989	318.4	261.8	157.7	72.5	113.4	25.3	11.6	27.8	988.3
<i>Population 7:</i> Persons who studied for an educational qualification in 1988 and continued in 1989	165.5	140.2	79.4	37.8	57.3	13.2	6.0	13.9	513.2
<i>Population 8:</i> Persons who studied for an educational qualification in 1988	379.3	282.1	184.4	83.8	124.6	25.8	13.8	30.2	1,124.0
<i>Population 9:</i> Persons currently working with their main period employer	1,872.6	1,472.8	893.6	475.4	535.1	145.2	66.4	116.0	5,577.2
<i>Population 10:</i> Persons who attended an in-house training course in the last 12 months	745.3	617.3	368.3	217.3	237.3	57.2	30.1	64.8	2,337.5
<i>Population 11:</i> Persons who attended an external training course in the last 12 months	203.6	177.9	101.4	61.8	77.3	13.6	6.4	16.4	658.4
<i>Population 12:</i> Persons who attended an external training course in the last 12 months while working	190.0	174.2	92.6	59.5	71.5	13.6	6.4	15.5	623.2
<i>Population 13:</i> Persons who attended an external training course in the last 12 months while not working	13.5	* 5.2	9.6	* 2.6	6.5	* 0.0	* 0.0	* 0.9	38.4
<i>Population 14:</i> Persons who required an educational qualification to obtain job with main period employer	1,040.4	753.8	472.7	234.9	295.3	74.6	38.3	75.9	2,985.8

APPENDIX A

GLOSSARY

Bachelor degree or diploma: enrolment in or completion of an undergraduate diploma, associate diploma or degree.

CAE: College of Advanced Education.

Casual employees: employees who were not entitled to annual leave nor sick leave with their main period employer.

Commenced study: enrolled and began studying for a particular qualification for the first time.

Courses: see either *Training courses*, *In-house training courses* or *External training courses*.

Diploma, bachelor degree or higher: see *Bachelor degree or diploma* and *Post-graduate degree or graduate diploma*.

Duration of continuous employment with main period employer: the total amount of time as a wage or salary earner with the main period employer. Periods of leave without pay, on strike, etc. are included. Where respondents ceased working for their main period employer and were subsequently re-hired, only the most recent period of employment was recorded. Full years of employment were recorded where the cumulative period of employment extended over a year.

Educational institution: the type of establishment that the respondent enrolled at, not the actual place of attendance.

Employer support: multi-response categories comprised of 'paid for study materials or fees', 'provided paid study leave' or 'other support'.

External, employer supported: respondents were asked whether any of the four main external training courses undertaken over the last 12 months had been supported by an employer. Support is comprised of 'paid for study materials or fees', 'provided paid study leave' or 'other support'.

External training courses: training which is organised and conducted by training or educational establishments, agencies or consultants other than any of the respondent's employers. It is training other than study for an educational qualification. Information was collected on the four main courses attended in the last 12 months.

Full-time attendance: persons who consider themselves to be attending full-time, or the institution which they are attending so classifies them.

Full-time workers: persons who usually worked 35 hours or more per week with their main period employer.

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: classified according to the *Australian Standard Industrial Classification (ASIC)* 1983 and relates to main period employer.

In-house training courses: training organised by the respondents' employers primarily for their own employees, using the employers' staff or training consultants. Information was collected on the four main courses attended in the last 12 months.

Last 12 months: the last 12 months prior to being interviewed. Interviews were conducted in March, April, June and July 1989.

Level of 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).

Level of educational qualification required to get job with main period employer: the minimum educational qualification respondents required to get their current/last held job with their main period employer.

Main English speaking countries: United Kingdom, Ireland, Canada, South Africa, U.S.A. and New Zealand.

Main external training course attended in the last 12 months: the external training course on which the respondent spent the most time over the last 12 month period.

Main external training course attended in the last 12 months while working: the external training course on which the respondent spent the most time while working over the last 12 month period.

Main field of study: respondents who have enrolled in or completed a post-graduate degree or graduate diploma, bachelor degree or diploma, trade qualification or apprenticeship, or certificate (as defined) indicated the main field of study for that qualification.

Main in-house training course: the in-house training course on which the respondent spent the most time over the last 12 month period.

Main period employer: the employer for whom the respondent worked the most weeks for wages or salary during the last twelve months.

Number of employers in the last 12 months: the number of employers a respondent worked for, for wages or salary, during the last 12 months.

Occupation: classified according to the *Australian Standard Classification of Occupations (ASCO) 1986* and relates to job with main period employer.

On-the-job training: respondents were asked to indicate whether any of the following activities were undertaken to improve their job skills while employed in any job over the last 12 months - being shown how to do the job, watching others work (including examining other workers' product), asking questions of co-workers and teaching self.

Other educational institution: business, commercial and secretarial colleges; religious and theological colleges; teaching hospitals; and overseas institutions.

Other post-school qualification: enrolment in or completion of other types of education courses, e.g. adult education, preparatory/bridging course or hobby course.

Part-time attendance: persons who consider themselves to be attending part-time or the institution which they are attending so classifies them.

Part-time workers: persons who usually work less than 35 hours with their main period employer.

Permanent employee: employees who were entitled to paid holiday or sick leave with their main period employer.

Persons who had a wage or salary job in the last 12 months: persons who stated they had a wage or salary job (excluding persons in a limited liability company) in the 12 months prior to being interviewed.

Persons currently working with their main period employer: persons working as a wage or salary earner with their main period employer at the time of being interviewed.

Post-graduate degree or graduate diploma: enrolment in or completion of a graduate diploma (including those titled simply diploma but which require a prior degree or diploma), masters degree, doctorate, or higher doctorate course.

Post-secondary certificate: enrolment in or completion of an approved post-secondary certificate course in secretarial or business studies, administration, nursing, etc.

Sector: relates to job with main period employer. Public sector was coded from a list of government organisations. Employers not listed as government were

coded to private, including a small number of overseas organisations.

Secondary school certificate: completion of a Year 10 or Year 12 certificate or their equivalent.

Self paced course: a monitored course where the respondent sets the rate of progress, e.g. an interactive computer course. This course may also have an instructor or a manual.

Size of location: the number of persons employed at the location of the respondent's job with their main period employer.

Studied for educational qualification in 1988: study done with the intention of it leading to a trade qualification, certificate, diploma, degree or any other qualification. It is not necessary to have completed the course or to have been awarded the qualification. Information was collected on the first course studied in 1988.

TAFE: college of technical and further education.

Time spent on in-house/external training courses: the average number of hours spent on a training course multiplied by the number of days spent on that course.

Total time spent on external training courses attended in the last 12 months: the sum of time spent on a maximum of four external training courses attended in the last 12 months.

Total time spent on external training courses attended in the last 12 months while not working: the sum of time spent on a maximum of four external training courses attended in the last 12 months while not working.

Total time spent on external training courses attended in the last 12 months while working: the sum of time spent on a maximum of four external training courses attended in the last 12 months while working.

Total time spent on in-house training courses attended in the last 12 months: the sum of time spent on a maximum of four in-house training courses attended in the last 12 months.

Trade qualification or apprenticeship: enrolment or completion of an approved trade/technical apprenticeship in fitting and turning, hairdressing, plumbing, carpentry, etc.

Training course required to get job with main period employer: training undertaken specifically by the respondent to get the job held with their main period employer. The training need not have been completed before commencing with that employer.

Training courses: courses undertaken in order to improve career opportunities, or to maintain or learn new job skills related to job performance. Training courses

may take place on-the-job or off-the-job. They consist of periods of instruction or a combination of instruction and monitored practical work experience which is associated with the instruction. Information was collected on the four main in-house and the four main external training courses attended in the last 12 months. This means that tables in this publication underenumerate training courses undertaken by persons who attended more than four in-house or external training courses.

Usual weekly earnings: the current amount of usual weekly pay from the respondent's job with their main

period employer before taxation and other deductions were made.

Whether retraining: whether the training enabled the respondent to do a kind of work different to that performed in the job held at the time of the training.

Year completed qualification: the year in which the study was concluded to obtain the qualification, not the year in which the qualification was awarded.

APPENDIX B

EXPLANATORY NOTES

Introduction

This publication presents results from the survey of How Workers Get Their Training conducted throughout Australia during the months March, April, June and July 1989. The survey obtained information on training and education undertaken by persons who had worked as wage or salary earners in the last 12 months. Information collected includes socio-demographic characteristics (such as gender, age, earnings and educational attainment), work history details (such as occupation, industry and job tenure), highest qualification needed to obtain job, types of training courses undertaken over a 12 month period, time spent on training courses, employer support for training courses, etc. A data items list is included at Appendix D.

Scope

Geographical Areas

2. The survey was conducted in both rural and urban areas in all States and Territories.

Dwellings

3. The survey covered both private and special dwellings. Private dwellings are houses, flats, home units, and any other structures used as private places of residence at the time of the survey. Special dwellings are hotels, motels, hostels, hospitals, caravan parks, etc.

Persons

4. The survey included all persons aged 15 to 64 years who had worked as wage or salary earners in the last 12 months 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 dependents) stationed in Australia;
- (e) persons who were permanently unable to work;
- (f) boarding school pupils not resident in households, some patients in hospitals and sanatoriums and inmates of gaols, reformatories, etc.; and
- (g) persons aged 15 to 20 years still at school.

Coverage

5. Coverage rules were applied which aimed to ensure that each person eligible on scope was associated with only one dwelling and hence has only one chance of selection.

Data collection methodology

6. The survey was conducted on a sub-sample of the monthly population survey. The monthly population survey (which is described in *The Labour Force, Australia* (6203.0)) comprises the monthly labour force and supplementary topics and is based on a multi-stage area sample of private dwellings (about 31,000 houses, flats, etc.) and a list sample of non-private dwellings. It covers about three-fifths of one per cent of the population of Australia.

7. In each of the months March, April, June and July 1989, one-eighth of the respondents to the labour force survey were asked some additional questions by trained interviewers. These questions were asked on an 'any responsible adult' basis to identify the target population for the survey of How Workers Get Their Training. This effectively resulted in a half sample (about 15,500 houses, flats etc. and non-private dwellings). Information was then collected from the target population through personal interviews.

Definitions

8. Definitions of labour force and demographic classifications appearing in this publication are given in *The Labour Force, Australia* (6203.0). Unless otherwise stated, all characteristics referenced in this publication relate to the week before the interview.

Results of the survey

9. The estimates in this publication were collected over four months and, due to seasonal factors, may not be representative of other periods throughout the year.

10. This was the first time a survey on this topic has been conducted in Australia.

Estimation procedure

11. 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 (based on the average of the months of March, April, June and July) of the population for each capital city and remainder of State by age and gender, rather than to the corresponding distribution within the sample itself.

Reliability of the estimates

12. Estimates in this publication are subject to sampling and non-sampling errors. For further information refer to the Technical Note, Appendix C.

Related publications

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

The Labour Force, Australia (6203.0)—issued monthly

Employer Training Expenditure, Australia, July to September 1989 (6253.0)—issued irregularly

Career Paths of Qualified Nurses, Australia, 1989 (6277.0)—issued irregularly

Career Paths of Persons with Trade Qualifications, Australia, 1989 (6243.0)—issued irregularly

Transition from Education to Work, Australia (6277.0)—issued annually

Labour Mobility, Australia (6209.0)—issued annually

Labour Force Status and Educational Attainment, Australia (6235.0)—issued annually

Multiple Jobholding, Australia, August 1987 (6216.0)—issued irregularly

14. Current publications produced by the ABS are listed in the *Catalogue of Publications, 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, Appendix C.
- .. not applicable

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

Electronic services

DISCOVERY. Key *656# for selected current economic, social and demographic statistics.

AUSSTATS. Thousands of up-to-date time series are available on this ABS on-line service through CSIRONET.

For further information phone the AUSSTATS Help Desk on (06) 252 6017.

TELESTATS. This service provides foreign trade statistics tailored to users' requirements.

Further information is available on (06) 252 5404.

Floppy disk service.

Selected ABS statistics are available on floppy disk. Further information is available on (06) 252 6684.

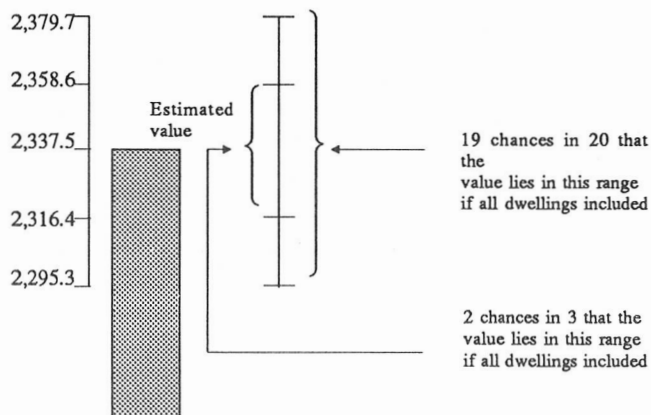
APPENDIX C

TECHNICAL NOTE

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 chances 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 estimate.

2. Space does not allow for the separate indication of the standard errors of all estimates in this publication. Tables of standard errors for general application are given on the following pages. 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. Use Table B for in-house training course estimates (Tables 34 and 35), Table C for external training course estimates (Tables 36 and 37) and Table A for person estimates (all other tables).

3. An example of the calculation and the use of standard errors in relation to estimates of persons is as follows. A similar procedure applies for the calculation of standard errors for training course estimates. Table 1 shows the estimated number of persons who had undertaken an in-house training course to be 2,337,500. Since this estimate is between 2,000,000 and 5,000,000, the standard error for Australia will be between 20,200 and 27,900 in the standard error Table A and can be approximated as 21,100 (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 2,316,400 to 2,358,600 and about nineteen chances in twenty that the value will fall within the range 2,295,300 to 2,379,700. This example is illustrated in the preceding 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 errors (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 are considered sufficiently reliable for most purposes. However, estimates 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 2,337,500 persons who had undertaken an in-house training course, 1,825,000 or 78.1 per cent were born in Australia. The standard error of 1,825,000 is approximately 19,400 so the relative standard error is 1.1 per cent. The relative standard error for 2,337,500 is 0.9 per cent. Applying the above formula, the relative standard error of the proportion is $\sqrt{(1.1)^2 - (0.9)^2}$ or 0.6 per cent, giving a standard error for the proportion (78.1 per cent) of 0.5 percentage points. Therefore, there are about two chances in three that the proportion of persons who had undertaken an in-house training course who were born in Australia was between 77.6 per cent and 78.6 per cent and nineteen chances in twenty that the proportion was within the range 77.1 per cent to 79.1 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:

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

While this formula will only be exact for differences between separate and uncorrelated characteristics or sub-populations it is expected to provide a good approximation for all differences likely to be of interest in this publication.

8. 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.

TABLE A. STANDARD ERRORS OF PERSON ESTIMATES

Size of estimate (Persons)	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Australia	Relative standard error (per cent)
	—number—									
200						180				
300				280		220	290	250		
400			390	330	350	250	340	280	380	94.2
500			440	370	400	280	370	310	430	85.5
600	590	580	480	400	430	310	400	340	470	79.0
700	640	630	520	430	470	330	430	360	520	73.8
800	680	670	550	460	500	360	460	390	560	69.6
900	720	710	590	490	520	380	480	410	590	66.0
1,000	760	750	620	520	550	400	510	430	630	63.0
1,100	800	790	650	540	580	410	530	450	660	60.3
1,200	840	820	680	560	600	430	550	460	700	58.0
1,300	870	860	700	590	620	450	570	480	730	55.9
1,400	900	890	730	610	650	460	590	490	760	54.1
1,500	930	920	750	630	670	480	610	510	790	52.4
1,600	960	950	780	650	690	490	630	520	810	50.9
1,700	990	980	800	660	710	500	640	540	840	49.4
1,800	1,000	1,000	820	680	730	520	660	550	870	48.2
1,900	1,050	1,050	850	700	740	530	680	560	890	47.0
2,000	1,100	1,050	870	720	760	540	690	580	920	45.8
2,100	1,100	1,100	890	730	780	550	710	590	940	44.8
2,200	1,150	1,100	910	750	800	560	720	600	960	43.8
2,300	1,150	1,150	930	760	810	570	740	610	990	42.9
2,400	1,150	1,150	950	780	830	580	750	620	1,000	42.1
2,500	1,200	1,200	960	790	840	600	770	640	1,050	41.3
3,000	1,300	1,300	1,050	860	920	640	830	690	1,150	37.9
3,500	1,400	1,400	1,150	930	980	680	900	730	1,250	35.2
4,000	1,500	1,500	1,200	980	1,050	720	950	770	1,300	33.0
4,500	1,600	1,550	1,250	1,050	1,100	760	1,000	810	1,400	31.1
5,000	1,650	1,650	1,350	1,100	1,150	790	1,050	850	1,500	29.6
6,000	1,800	1,800	1,450	1,200	1,250	850	1,150	920	1,600	27.0
8,000	2,050	2,050	1,650	1,350	1,400	950	1,300	1,050	1,850	23.4
10,000	2,300	2,250	1,800	1,450	1,550	1,050	1,450	1,150	2,100	20.9
20,000	3,100	3,100	2,450	2,000	2,100	1,300	2,000	1,500	2,950	14.7
30,000	3,700	3,700	2,950	2,350	2,500	1,500	2,400	1,750	3,550	11.8
40,000	4,200	4,150	3,300	2,600	2,800	1,600	2,750	1,950	4,050	10.1
50,000	4,600	4,600	3,650	2,850	3,050	1,750	3,050	2,100	4,500	9.0
100,000	6,100	6,100	4,850	3,750	4,000	2,100	4,250	2,700	6,100	6.1
200,000	8,000	8,000	6,300	4,850	5,200	2,450	5,900	3,450	8,200	4.1
300,000	9,400	9,300	7,400	5,600	6,100	2,700	7,200	3,950	9,700	3.2
400,000	10,400	10,300	8,200	6,200	6,800	2,850	8,200	4,350	10,900	2.7
500,000	11,300	11,200	8,900	6,700	7,300	3,000	9,200	4,650	11,900	2.4
1,000,000	14,500	14,300	11,400	8,500	9,300	3,350	12,800	5,800	15,600	1.6
2,000,000	18,400	18,100	14,500	10,600	11,800	3,700	17,900	7,200	20,200	1.0
5,000,000	24,900	24,200	19,600	14,000	15,900	4,000	28,000	9,400	27,900	0.6
10,000,000	30,800	29,800	24,300	17,000	19,700	4,200	39,300	11,400	35,100	0.4

TABLE B. STANDARD ERRORS OF IN-HOUSE TRAINING COURSES

Size of estimate (Persons)	N.S.W.	Vic.	Qld.	S.A.	W.A.	Tas.	N.T.	A.C.T.	Australia	Relative standard error (per cent)
	—number—									
100						120				
200				230		180	250	200		
300			340	280	310	220	290	250	320	106.4
400			390	330	350	250	340	280	380	94.2
500	540	520	440	370	400	280	370	310	430	85.5
600	590	580	480	400	430	310	400	340	470	79.0
700	640	630	520	430	460	330	430	360	520	73.8
800	680	670	550	460	500	360	460	390	560	69.6
900	720	710	590	490	520	380	480	410	590	66.0
1,000	760	750	620	520	550	400	510	430	630	63.0
1,100	800	790	650	540	580	410	530	450	660	60.3
1,200	840	820	680	560	600	430	550	460	700	58.0
1,300	870	860	700	580	620	450	570	480	730	55.9
1,400	900	890	730	610	650	460	590	490	760	54.1
1,500	930	920	750	630	670	480	610	510	790	52.4
1,600	960	950	780	650	690	490	630	520	810	50.9
1,700	990	980	800	660	710	500	640	540	840	49.4
1,800	1,000	1,000	820	680	730	520	660	550	870	48.2
1,900	1,050	1,050	850	700	740	530	680	560	890	47.0
2,000	1,100	1,050	870	720	760	540	690	580	920	45.8
2,100	1,100	1,100	890	730	780	550	710	590	940	44.8
2,200	1,150	1,100	910	750	800	560	720	600	960	43.8
2,300	1,150	1,150	930	770	810	580	740	610	990	42.9
2,400	1,150	1,150	950	780	830	590	750	620	1,000	42.1
2,500	1,200	1,200	960	790	850	600	770	640	1,050	41.3
3,000	1,300	1,300	1,050	860	920	640	830	690	1,150	37.9
3,500	1,400	1,400	1,150	930	980	690	900	730	1,250	35.2
4,000	1,500	1,500	1,200	980	1,050	720	950	780	1,300	33.0
4,500	1,600	1,550	1,250	1,050	1,100	760	1,000	810	1,400	31.1
5,000	1,650	1,650	1,350	1,100	1,150	790	1,050	850	1,500	29.6
6,000	1,800	1,800	1,450	1,200	1,250	850	1,150	920	1,600	27.0
8,000	2,050	2,050	1,650	1,350	1,400	940	1,300	1,050	1,850	23.4
10,000	2,300	2,250	1,800	1,450	1,550	1,050	1,450	1,150	2,100	20.9
20,000	3,100	3,100	2,500	2,000	2,100	1,300	2,000	1,500	2,950	14.7
30,000	3,700	3,700	2,950	2,350	2,500	1,500	2,450	1,750	3,550	11.8
40,000	4,200	4,150	3,300	2,650	2,800	1,650	2,750	1,900	4,050	10.1
50,000	4,600	4,600	3,650	2,850	3,050	1,750	3,050	2,100	4,500	9.0
100,000	6,100	6,100	4,800	3,700	4,000	2,100		2,700	6,100	6.1
200,000	8,000	8,000	6,400	4,750	5,200			3,900	8,300	4.2
300,000	9,300	9,300	7,500	5,600	6,000				9,800	3.3
400,000	10,400	10,400	8,400	6,200	6,800				11,000	2.8
500,000	11,500	11,000	9,000	6,800	7,500				12,300	2.5
1,000,000	15,000	14,000	11,000						16,600	1.7
2,000,000	18,000								22,200	1.1
5,000,000									46,700	0.9

TABLE C. STANDARD ERRORS OF EXTERNAL TRAINING COURSES

Size of estimate (Persons)	N.S.W.	Vic.	Qld.	S.A.	W.A.	Tas.	N.T.	A.C.T.	Australia	Relative standard error (per cent)
	—number—									
100						120				
200				230		180	250	200		
300			340	280	310	220	290	250	320	106.4
400			390	330	350	250	340	280	380	94.2
500	540	520	440	370	400	280	370	310	430	85.5
600	590	580	480	400	430	310	400	340	470	79.0
700	640	630	520	430	460	330	430	360	520	73.8
800	680	670	550	460	500	360	460	390	560	69.6
900	720	710	590	490	520	380	480	410	590	66.0
1,000	760	750	620	520	550	400	510	430	630	63.0
1,100	800	790	650	540	580	410	530	450	660	60.3
1,200	840	820	680	560	600	430	550	460	700	58.0
1,300	870	860	700	590	620	450	570	480	730	55.9
1,400	900	890	730	610	650	460	590	490	760	54.1
1,500	930	920	750	630	670	480	610	510	790	52.4
1,600	960	950	780	650	690	490	630	520	810	50.9
1,700	990	980	800	660	710	500	640	540	840	49.4
1,800	1,000	1,000	820	680	730	520	660	550	870	48.2
1,900	1,050	1,050	850	700	740	530	680	560	890	47.0
2,000	1,100	1,050	870	720	760	540	690	580	920	45.8
2,100	1,100	1,100	890	730	780	550	710	590	940	44.8
2,200	1,150	1,100	910	750	800	560	720	600	960	43.8
2,300	1,150	1,150	930	770	810	580	740	610	990	42.9
2,400	1,150	1,150	950	780	830	590	750	620	1,000	42.1
2,500	1,200	1,200	960	800	850	600	770	640	1,050	41.3
3,000	1,300	1,300	1,050	860	920	640	830	690	1,150	37.9
3,500	1,400	1,400	1,150	930	980	690	900	730	1,250	35.2
4,000	1,500	1,500	1,200	980	1,050	720	950	780	1,300	33.0
4,500	1,600	1,550	1,250	1,050	1,100	760	1,000	810	1,400	31.1
5,000	1,650	1,650	1,350	1,100	1,150	790	1,050	850	1,500	29.6
6,000	1,800	1,800	1,450	1,200	1,250	850	1,150	920	1,600	27.0
8,000	2,050	2,050	1,650	1,350	1,400	940	1,300	1,050	1,850	23.4
10,000	2,300	2,250	1,800	1,450	1,550	1,050	1,450	1,150	2,100	20.9
20,000	3,100	3,100	2,500	2,000	2,100	1,300	2,000	1,500	2,950	14.7
30,000	3,700	3,700	2,950	2,350	2,500	1,500	2,450	1,750	3,550	11.8
40,000	4,200	4,150	3,300	2,650	2,800	1,650	2,800	1,900	4,050	10.1
50,000	4,600	4,600	3,650	2,850	3,050	1,750	3,150	2,100	4,500	9.0
100,000	6,100	6,100	4,800	3,700	4,000	2,100		2,750	6,100	6.1
200,000	8,000	8,000	6,400	4,800	5,200				9,000	4.5
300,000	9,300	9,300	7,500	5,700	6,000				10,700	3.6
400,000	10,400	10,400	8,400	6,500	6,800				12,300	3.1
500,000	11,500	11,000	9,000	6,600	7,500				13,900	2.8
1,000,000	15,100	14,000	11,300						19,800	2.0
2,000,000	18,600								35,100	1.8

APPENDIX D

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 appendix specifies the variables, categories 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. When compiling your table request please ensure all variables are available for the requested population.

Those variables with 'course file' included in the population column relate to individual training courses and should not be cross-classified with non-course file training course variables (i.e. TCIH and TCEX variable numbers).

POPULATIONS

Population 1: Current wage or salary earners

Population 2: Persons who had a wage or salary job in the last 12 months

Population 3: Persons with post-school qualifications

Population 4: Persons who have a job and had a wage or salary job in the last 12 months

Population 5: Persons who attended a training course in the last 12 months

Population 5A: Persons who attended any category of training in the last 12 months

Population 6: Persons who studied for an educational qualification in 1989

Population 7: Persons who studied for an educational qualification in 1988 and continued in 1989

Population 8: Persons who studied for an educational qualification in 1988

Population 9: Persons currently working with their main period employer

Population 10: Persons who attended an in-house training course in the last 12 months

Population 11: Persons who attended an external training course in the last 12 months

Population 12: Persons who attended an external training course in the last 12 months while working

Population 13: Persons who attended an external training course in the last 12 months while not working

Population 14: Persons who required an educational qualification to obtain job with main period employer

VARIABLE	POPULATIONS	VARIABLE	POPULATIONS
DEMOGRAPHIC		DEM2	AREA
DEM1	STATES AND TERRITORIES OF USUAL RESIDENCE	Metropolitan	ALL
	New South Wales	Non-metropolitan	
	Victoria	DEM3	DISSEMINATION REGION
	Queensland	Standard labour force	ALL
	South Australia	dissemination regions	
	Western Australia	DEM4	GENDER
	Tasmania	Males	ALL
	Northern Territory	Females	
	Australian Capital Territory	DEM5	MARITAL STATUS
	Australia	Married	ALL
		Not married	

VARIABLE	POPULATIONS	VARIABLE	POPULATIONS
DEM6A FAMILY STATUS (1)		DEM7B BIRTHPLACE AND PERIOD OF ARRIVAL	
Member of a family	ALL	(single years collected)	ALL
Husband or wife		Born in Australia	
With dependents present		Born outside Australia	
Without dependents present		Arrived before 1960	
Other family head		Arrived 1960 - 1969	
With dependents present		Arrived 1970 - 1979	
Without dependents present		Arrived 1980 - 1989	
Full-time student aged 15 - 24(a)			
Other child of married couple or family head		DEM8 AGE	
Other relative of married couple or family head		(single years collected)	
Not a member of a family		15 - 24	ALL
Living alone		25 - 34	
Not living alone		35 - 44	
Family status not determined		45 - 54	
		55 - 64	
(a) Excludes persons attending school.		DEM9 AGE OF YOUNGEST CHILD	
		(single years collected)	ALL
DEM6B FAMILY STATUS (2)		Family with children aged 0 - 14 present	
Member of a family	ALL	0 - 2 years	
Husband or wife		3 - 4 years	
With children aged 0 - 14 present		5 - 9 years	
Without children aged 0 - 14 present		10 - 14 years	
Other family head		Family without children aged 0 - 14 present/family status not determined	
With children aged 0 - 14 present			
Without children aged 0 - 14 present		CURRENT LABOUR FORCE	
Full-time student aged 15 - 24(a)		CLF1A LABOUR FORCE STATUS AND FULL-TIME OR PART-TIME WORKERS (1)	
Other child of married couple or family head		Labour force	2-3,5-8,10-14
Other relative of married couple or family head		Working	
Not a member of a family		Full-time	
Living alone		Part-time	
Not living alone		Not determined	
Family status not determined		Looking for work	
		Looking for full-time work	
(a) Excludes persons attending school.		Looking for part-time work	
		Not in the labour force	
DEM6C FAMILY STATUS (3)		CLF1B LABOUR FORCE STATUS (2)	
Member of a family	ALL	Labour force	2-3,5-8,10-14
Husband or wife		Working	
With dependents present		Looking for work	
Without dependents present		Not in the labour force	
Other family head			
Full-time student aged 15 - 24(a)		CLF6 HOURS WORKED LAST WEEK	
Other child of married couple or family head		(single hours collected)	1,4,9
Other relative of married couple or family head		0	
Not a member of a family		1 - 15	
Family status not determined		16 - 29	
		30 - 34	
(a) Excludes persons attending school.		35 - 39	
		40	
		41 - 44	
		45 - 48	
		49 and over	
DEM7A BIRTHPLACE		CLF8 STATUS OF WORKER	
(individual countries collected)	ALL	Wage and salary earners	4
Born in Australia		Employers	
Born outside Australia		Self-employed	
Main English speaking countries		Unpaid family helpers	
Other countries			

VARIABLE	POPULATIONS	VARIABLE	POPULATIONS
CLF9	FULL-TIME OR PART-TIME WORKERS Full-time workers Part-time workers	1,4,9	
WORK HISTORY			
WH1	DURATION OF CONTINUOUS EMPLOYMENT WITH MAIN PERIOD EMPLOYER (single years collected) Under 1 year Under 3 months 3 and under 6 months 6 and under 12 months 1 and under 2 years 2 and under 3 years 3 and under 5 years 5 and under 10 years 10 and under 20 years 20 years and over	ALL	
WH2	DURATION OF CONTINUOUS EMPLOYMENT WITH MAIN PERIOD EMPLOYER IN LAST OCCUPATION HELD (single years collected) Under 1 year Under 3 months 3 and under 6 months 6 and under 12 months 1 and under 2 years 2 and under 3 years 3 and under 5 years 5 and under 10 years 10 and under 20 years 20 years and over	ALL	
WH3	CUMULATIVE DURATION OF EMPLOYMENT IN LAST OCCUPATION HELD WITH MAIN PERIOD EMPLOYER (single years collected) Under 1 year Under 3 months 3 and under 6 months 6 and under 12 months 1 and under 2 years 2 and under 3 years 3 and under 5 years 5 and under 10 years 10 and under 20 years 20 years and over	ALL	
WH4	INDUSTRY OF MAIN PERIOD EMPLOYER (3 digit ASIC collected) 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 Public administration and defence Community services Recreation, personal and other services	ALL	
WH5	OCCUPATION OF JOB WITH MAIN PERIOD EMPLOYER (4 digit ASCO collected) Managers and administrators Professionals Para-professionals Tradespersons Clerks Salespersons and personal service workers Plant and machine operators, and drivers Labourers and related workers	ALL	
WH6	DURATION OF CONTINUOUS EMPLOYMENT WITH MAIN PERIOD EMPLOYER DURING THE LAST 12 MONTHS (single weeks collected) 1 and under 4 weeks 4 and under 13 weeks 13 and under 26 weeks 26 and under 39 weeks 39 and under 49 weeks 49 and under 52 weeks 52	ALL	
WH7	HOURS USUALLY WORKED WITH MAIN PERIOD EMPLOYER (single hours collected) 1 - 15 16 - 29 30 - 34 35 - 39 40 41 - 44 45 - 48 49 and over	ALL	
WH8	SECTOR OF MAIN PERIOD EMPLOYER Public Private Overseas Don't know	ALL	
WH9	WHETHER BEGAN JOB WITH MAIN PERIOD EMPLOYER DURING THE LAST 12 MONTHS Began job with main period employer during the last 12 months Did not begin job with main period employer during the last 12 months	ALL	
WH10	FULL-TIME OR PART-TIME WORKERS WITH MAIN PERIOD EMPLOYER Full-time workers Part-time workers	ALL	
WH11	WHETHER PERMANENT OR CASUAL EMPLOYEE IN JOB WITH MAIN PERIOD EMPLOYER Permanent Casual	ALL	

VARIABLE	POPULATIONS	VARIABLE	POPULATIONS
WH12	USUAL WEEKLY EARNINGS (\$)	SEQ894	MAIN FIELD OF STUDY IN 1989
	Under 40		Diploma, bachelor degree or higher
	40 and under 80		Administration, business studies, commerce
	80 and under 120		Law
	120 and under 160		Education
	160 and under 200		Medicine
	200 and under 240		Science, mathematics
	240 and under 280		Computing and information sciences
	280 and under 320		Veterinary science, agriculture, forestry
	320 and under 360		Engineering
	360 and under 400		Architecture
	400 and under 440		Social sciences, arts, humanities
	440 and under 480		Other
	480 and under 520		Trade qualification or apprenticeship
	520 and under 560		Metal fitting and machining
	560 and under 600		Other metal
	600 and under 640		Electrical and electronics
	640 and under 680		Building
	680 and under 720		Printing
	720 and under 760		Vehicle
	760 and under 800		Food
	800 and over		Hairdressing
	Payment in kind		Other
	Not stated/don't know		Post-secondary certificate
WH13	NUMBER OF EMPLOYERS IN THE LAST 12 MONTHS		Business, administration, commerce
	One		Secretarial, typing, data processing
	Two or more	ALL	Education, teacher training
WH14	WHETHER CURRENTLY WORKING WITH MAIN PERIOD EMPLOYER		Nursing
	Currently working with main period employer	1-8,10-14	Other health, para-medical
	Not currently working with main period employer		Science, computing, agriculture
ES1	SIZE OF LOCATION IN JOB WITH MAIN PERIOD EMPLOYER (EMPLOYEES)		Engineering, architecture
	Under 10	ALL	Transport, communication
	10 - 19		Arts, social studies, crafts
	20 - 99		Other
	100 and over		Secondary secondary certificate
	Don't know		Other
STUDY FOR AN EDUCATIONAL QUALIFICATION			
SEQ891	1989 STUDY STATUS		SEQ895
	Currently studying	1-5,8-14	WHETHER HAD COMPLETED A QUALIFICATION IN THE FIELD OF THE QUALIFICATION STUDIED IN 1989
	Not currently studying		Had not completed a qualification
	Studied in 1989		Had completed a qualification
	Did not study in 1989		In that field
SEQ892	NUMBER OF QUALIFICATIONS IN WHICH ENROLLED IN 1989		Not in that field
	One	6-7	Not determined
	Two or more		SEQ896
SEQ893	LEVEL OF QUALIFICATION STUDIED IN 1989		EDUCATIONAL INSTITUTION AT WHICH ENROLLED IN 1989
	Post-graduate degree or graduate diploma	6-7	Secondary school
	Bachelor degree or diploma		University
	Trade qualification or apprenticeship		CAE/Institute of Technology
	Post-secondary certificate		Technical college/TAFE
	Secondary secondary certificate		Business college
	Other		Teaching hospital
			Other

VARIABLE	POPULATIONS	VARIABLE	POPULATIONS		
SEQ897	FULL-TIME/PART-TIME STUDY STATUS IN 1989 Enrolled for full academic year Full-time Part-time Correspondence Enrolled for part of academic year Full-time Part-time Correspondence Total Full-time Part-time Correspondence	6-7	SEQ883	MAIN FIELD OF FIRST QUALIFICATION STUDIED IN 1988 Diploma, bachelor degree or higher Administration, business studies, commerce Law Education Medicine Science, mathematics Computing and information sciences Veterinary science, agriculture, forestry Engineering Architecture Social sciences, arts, humanities Other Trade qualification or apprenticeship Metal fitting and machining Other metal Electrical and electronics Building Printing Vehicle Food Hairdressing Other Post-secondary certificate 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 Secondary secondary certificate Other	8
SEQ898	WHETHER COMMENCED STUDY IN 1989 Commenced study in 1989 Commenced study prior to 1989 Studied in 1988 Did not study in 1988	6	SEQ884	WHETHER HAD COMPLETED A QUALIFICATION IN THE FIELD OF FIRST QUALIFICATION STUDIED IN 1988 Had not completed a qualification Had completed a qualification In that field Not in that field Not determined	8
SEQ899	EMPLOYER SUPPORT FOR STUDY IN 1989 Employer support provided Main period employer Paid for study materials or fees Provided paid study leave Other Other employer No employer support provided	6-7	SEQ885	EDUCATIONAL INSTITUTION AT WHICH ENROLLED FOR FIRST QUALIFICATION STUDIED IN 1988 Secondary school University CAE/Institute of Technology Technical college/TAFE Business college Teaching hospital Other	8
SEQ8910	WHO RECOMMENDED COMMENCE STUDY ATTENDANCE Main period employer Other employer Other	6-7			
SEQ881	NUMBER OF QUALIFICATIONS IN WHICH ENROLLED IN 1988 One Two or more	8			
SEQ882	LEVEL OF FIRST QUALIFICATION STUDIED IN 1988 Post-graduate degree or graduate diploma Bachelor degree or diploma Trade qualification or apprenticeship Post-secondary certificate Secondary secondary certificate Other	8			

VARIABLE	POPULATIONS	VARIABLE	POPULATIONS
SEQ886 FULL-TIME/PART-TIME STUDY STATUS FOR FIRST QUALIFICATION STUDIED IN 1988		SEQ8811 MAIN FIELD OF QUALIFICATION STUDIED IN 1988 AND CONTINUED IN 1989	
Enrolled for full academic year	8	Diploma, bachelor degree or higher	7
Full-time		Administration, business studies, commerce	
Part-time		Law	
Correspondence		Education	
Enrolled for part of academic year		Medicine	
Full-time		Science, mathematics	
Part-time		Computing and information sciences	
Correspondence		Veterinary science, agriculture, forestry	
Total		Engineering	
Full-time		Architecture	
Part-time		Social sciences, arts, humanities	
Correspondence		Other	
SEQ887 WHETHER COMMENCED STUDY FOR FIRST QUALIFICATION IN 1988		Trade qualification or apprenticeship	
Commenced study in 1988	8	Metal fitting and machining	
Commenced study prior to 1988		Other metal	
SEQ888 EMPLOYER SUPPORT FOR FIRST QUALIFICATION STUDIED IN 1988		Electrical and electronics	
Employer support provided	8	Building	
Main period employer		Printing	
Paid for study materials or fees		Vehicle	
Provided paid study leave		Food	
Other		Hairdressing	
Other employer		Other	
Paid for study materials or fees		Post-secondary certificate	
Provided paid study leave		Business, administration, commerce	
Other		Secretarial, typing, data processing	
No employer support provided		Education, teacher training	
SEQ889 WHO RECOMMENDED STUDY ATTENDANCE FOR FIRST QUALIFICATION STUDIED IN 1988		Nursing	
Main period employer	8	Other health, para-medical	
Other employer		Science, computing, agriculture	
Other		Engineering, architecture	
SEQ8810 LEVEL OF QUALIFICATION STUDIED IN 1988 AND CONTINUED IN 1989		Transport, communication	
Post-graduate degree or graduate diploma	7	Arts, social studies, crafts	
Bachelor degree or diploma		Other	
Trade qualification or apprenticeship		Secondary secondary certificate	
Post-secondary certificate		Other	
Secondary secondary certificate		SEQ8812 WHETHER HAD COMPLETED A QUALIFICATION IN THE FIELD OF QUALIFICATION STUDIED IN 1988 AND CONTINUED IN 1989	
Other		Had not completed a qualification	7
SEQ8813 EDUCATIONAL INSTITUTION AT WHICH ENROLLED IN 1988 AND CONTINUED IN 1989		Had completed a qualification	
Secondary school	7	In that field	
University		Not in that field	
CAE/Institute of Technology		Not determined	
Technical college/TAFE			
Business college			
Teaching hospital			
Other			

VARIABLE	POPULATIONS	VARIABLE	POPULATIONS
SEQ8814 FULL-TIME/PART-TIME STUDY STATUS FOR QUALIFICATION STUDIED IN 1988 AND CONTINUED IN 1989		EDC1B LEVEL OF EDUCATIONAL ATTAINMENT (2)	
Enrolled for full academic year	7	With post-school qualifications	1-2,4-14
Full-time		Post-graduate degree or graduate diploma	
Part-time		Bachelor degree or diploma	
Correspondence		Trade qualification or apprenticeship	
Enrolled for part of academic year		Post-secondary certificate	
Full-time		Other	
Part-time		Without post-school qualifications(a)	
Correspondence		Attended highest level of secondary school available	
Total		Did not attend highest level of secondary school available	
Full-time		Left at age –	
Part-time		18 years or over	
Correspondence		16 or 17 years	
		14 or 15 years	
SEQ8815 WHETHER COMMENCED STUDY IN 1988 FOR QUALIFICATION CONTINUED IN 1989		13 years or under	
Commenced study in 1988	7	Never attended school	
Commenced study prior to 1988			
		(a) Includes those for whom secondary school qualifications could not be determined.	
SEQ8816 EMPLOYER SUPPORT FOR QUALIFICATION STUDIED IN 1988 AND CONTINUED IN 1989		EDC2 MAIN FIELD OF STUDY	
Employer support provided	7	Diploma, bachelor degree or higher	3
Main period employer		Administration, business studies, commerce	
Paid for study materials or fees		Law	
Provided paid study leave		Education	
Other		Medicine	
Other employer		Science, mathematics	
Paid for study materials or fees		Computing and information sciences	
Provided paid study leave		Veterinary science, agriculture, forestry	
Other		Engineering	
No employer support provided		Architecture	
		Social sciences, arts, humanities	
SEQ8817 WHO RECOMMENDED COMMENCE STUDY ATTENDANCE FOR QUALIFICATION STUDIED IN 1988 AND CONTINUED IN 1989		Other	
Main period employer	7	Trade qualification or apprenticeship	
Other employer		Metal fitting and machining	
Other		Other metal	
		Electrical and electronics	
EDUCATIONAL ATTAINMENT		Building	
EDC1A LEVEL OF EDUCATIONAL ATTAINMENT (1)		Printing	
Post-graduate degree or graduate diploma	3	Vehicle	
Bachelor degree or diploma		Food	
Trade qualification or apprenticeship		Hairdressing	
Post-secondary certificate		Other	
Other		Post-secondary certificate	
		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	
		Other	

VARIABLE	POPULATIONS	VARIABLE	POPULATIONS
EDC3 YEAR COMPLETED (single years collected)	3	QOPJ2A WHETHER COMPLETED STUDY PRIOR TO STARTING JOB WITH MAIN PERIOD EMPLOYER (1)	1-13
Before 1950		Educational qualification required	
1950 – 1959		Completed study prior to starting job	
1960 – 1969		Had not completed study prior to starting job	
1970 – 1979		Not determined	
1980 – 1989		No educational qualification required	
EDC4 WHERE QUALIFICATION OBTAINED	3	QOPJ2B WHETHER COMPLETED STUDY PRIOR TO STARTING JOB WITH MAIN PERIOD EMPLOYER (2)	14
Australia		Completed study prior to starting job	
Overseas		Had not completed study prior to starting job	
EDC5 EMPLOYER SUPPORT FOR HIGHEST EDUCATIONAL QUALIFICATION OBTAINED	3	Not determined	
Employer support provided		QOPJ3A EMPLOYER SUPPORT FOR STUDY TO OBTAIN THE REQUIRED EDUCATIONAL QUALIFICATION (1)	1-13
Main period employer		Educational qualification required	
Paid for study materials or fees		Employer support provided	
Provided paid study leave		Main period employer	
Other		Paid for study materials or fees	
Other employer		Provided paid study leave	
Paid for study materials or fees		Other	
Provided paid study leave		Other employer	
Other		Paid for study materials or fees	
Not determined		Provided paid study leave	
No employer support provided		Other	
EDC6 NUMBER OF POST-SCHOOL EDUCATIONAL QUALIFICATIONS OBTAINED	3	No employer support provided	
One		No educational qualification required	
Two or more		QOPJ3B EMPLOYER SUPPORT FOR STUDY TO OBTAIN THE REQUIRED EDUCATIONAL QUALIFICATION (2)	14
QUALIFICATION REQUIRED TO OBTAIN MAIN PERIOD JOB		Employer support provided	
QOPJ1A LEVEL OF EDUCATIONAL QUALIFICATION REQUIRED TO OBTAIN JOB WITH MAIN PERIOD EMPLOYER (1)	1-13	Main period employer	
Educational qualification required		Paid for study materials or fees	
Post-graduate degree or graduate diploma		Provided paid study leave	
Bachelor degree or diploma		Other	
Trade qualification or apprenticeship		Other employer	
Post-secondary certificate		Paid for study materials or fees	
Secondary secondary certificate		Provided paid study leave	
Other		Other	
No educational qualification required		No employer support provided	
QOPJ1B LEVEL OF EDUCATIONAL QUALIFICATION REQUIRED TO OBTAIN JOB WITH MAIN PERIOD EMPLOYER (2)	14		
Post-graduate degree or graduate diploma			
Bachelor degree or diploma			
Trade qualification or apprenticeship			
Post-secondary certificate			
Secondary secondary certificate			
Other			

VARIABLE	POPULATIONS	VARIABLE	POPULATIONS
IN-HOUSE TRAINING COURSES		TCIH4A SUMMARY OF TYPES OF IN-HOUSE TRAINING COURSES ATTENDED IN THE LAST 12 MONTHS (1)	
TCIH1A NUMBER OF IN-HOUSE TRAINING COURSES ATTENDED IN THE LAST 12 MONTHS (1)		Attended one in-house training course	10
Attended an in-house training course	1-9,11-14	Type of course –	
One		Management and professional training	
Two		Technical and para-professional training	
Three		Trade/craft training	
Four		Clerical/office training	
Five or more		Sales and personal service training	
Did not attend an in-house training course		Transport and machinery operation training	
		Labouring and related training	
		Induction training	
		General supervisory training	
		General computing skills training	
		General health and safety training	
		Other training	
TCIH1B NUMBER OF IN-HOUSE TRAINING COURSES ATTENDED IN THE LAST 12 MONTHS (2)		Attended two or more in-house training courses	
One	10	All courses of the same type	
Two or more		Management and professional training	
Two		Technical and para-professional training	
Three		Trade/craft training	
Four		Clerical/office training	
Five or more		Sales and personal service training	
		Transport and machinery operation training	
		Labouring and related training	
		Induction training	
		General supervisory training	
		General computing skills training	
		General health and safety training	
		Other training	
TCIH2 TYPES OF IN-HOUSE TRAINING COURSES ATTENDED IN THE LAST 12 MONTHS		Attended courses of different types	
Management and professional training	Course file 10		
Technical and para-professional training			
Trade/craft training			
Clerical/office training			
Sales and personal service training			
Transport and machinery operation training			
Labouring and related training			
Induction training			
General supervisory training			
General computing skills training			
General health and safety training			
Other training			
TCIH3 MAIN TYPE OF IN-HOUSE TRAINING COURSE ATTENDED IN THE LAST 12 MONTHS		TCIH4B SUMMARY OF TYPES OF IN-HOUSE TRAINING COURSES ATTENDED IN THE LAST 12 MONTHS (2)	
Management and professional training	10	Attended one in-house training course	10
Technical and para-professional training		Attended two or more in-house training courses	
Trade/craft training		All courses of the same type	
Clerical/office training		Attended courses of different types	
Sales and personal service training			
Transport and machinery operation training			
Labouring and related training			
Induction training			
General supervisory training			
General computing skills training			
General health and safety training			
Other training			
		TCIH5 TIME SPENT ON IN-HOUSE TRAINING COURSES ATTENDED IN THE LAST 12 MONTHS	
		Less than 40 hours	Course file 10
		1 – 9 hours	
		10 – 19 hours	
		20 – 29 hours	
		30 – 39 hours	
		40 hours or more	
		40 – 119 hours	
		120 – 199 hours	
		200 hours or more	

VARIABLE	POPULATIONS	VARIABLE	POPULATIONS
TCIH6A TOTAL TIME SPENT ON IN-HOUSE TRAINING COURSES ATTENDED IN THE LAST 12 MONTHS (1)		TCIH9 STRUCTURE OF MAIN IN-HOUSE TRAINING COURSE ATTENDED IN THE LAST 12 MONTHS	
Attended an in-house training course	1-9,11-14	Conducted with an instructor	10
Less than 40 hours		With structured notes or a manual	
1 - 9 hours		Self paced course	
10 - 19 hours		Not a self paced course	
20 - 29 hours		Without structured notes or a manual	
30 - 39 hours		Self paced course	
40 hours or more		Not a self paced course	
40 - 119 hours		Conducted without an instructor	
120 - 199 hours		With structured notes or a manual	
200 - 399 hours		Self paced course	
400 hours or more		Not a self paced course	
Did not attend an in-house training course		Without structured notes or a manual	
		Self paced course	
		Not a self paced course	
TCIH6B TOTAL TIME SPENT ON IN-HOUSE TRAINING COURSES ATTENDED IN THE LAST 12 MONTHS (2)		TCIH10 WHETHER IN-HOUSE TRAINING COURSES FOR RETRAINING	
Less than 40 hours	10	Did training to enable a different kind of work	Course file 10
1 - 9 hours		Did not do training to enable a different kind of work	
10 - 19 hours			
20 - 29 hours			
30 - 39 hours			
40 hours or more		TCIH11 WHETHER MAIN IN-HOUSE TRAINING COURSE WAS FOR RETRAINING	
40 - 119 hours		Did training to enable a different kind of work	10
120 - 199 hours		Did not do training to enable a different kind of work	
200 - 399 hours			
400 hours or more			
TCIH7 TIME SPENT ON MAIN IN-HOUSE TRAINING COURSE ATTENDED IN THE LAST 12 MONTHS		TCIH12 SUMMARY OF WHETHER IN-HOUSE TRAINING COURSES WERE FOR RETRAINING	
Less than 40 hours	10	Attended one in-house training course	10
1 - 9 hours		Did training to enable a different kind of work	
10 - 19 hours		Did not do training to enable a different kind of work	
20 - 29 hours		Attended two or more in-house training courses	
30 - 39 hours		Did all training courses to enable a different kind of work	
40 hours or more		Did some training courses to enable a different kind of work	
40 - 119 hours		Did no training courses to enable a different kind of work	
120 - 199 hours			
200 hours or more			
TCIH8 STRUCTURE OF IN-HOUSE TRAINING COURSES ATTENDED IN THE LAST 12 MONTHS			
Conducted with an instructor	Course file 10		
With structured notes or a manual			
Self paced course			
Not a self paced course			
Without structured notes or a manual			
Self paced course			
Not a self paced course			
Conducted without an instructor			
With structured notes or a manual			
Self paced course			
Not a self paced course			
Without structured notes or a manual			
Self paced course			
Not a self paced course			

VARIABLE	POPULATIONS	VARIABLE	POPULATIONS
TCIH13	WHETHER DID IN-HOUSE TRAINING COURSES TO HELP OBTAIN A PROMOTION	TCIH17	WHETHER SKILLS GAINED THROUGH MAIN IN-HOUSE TRAINING COURSE TRANSFERABLE TO ANOTHER EMPLOYER
Did training to help obtain a promotion	Course file 10	Skills gained could be used with another employer	10
Training helped in obtaining a promotion		Skills gained could not be used with another employer	
Training is likely to help in obtaining a promotion			
Other			
Did not do training to help obtain a promotion		TCIH18	SUMMARY OF WHETHER SKILLS GAINED THROUGH IN-HOUSE TRAINING COURSES TRANSFERABLE TO ANOTHER EMPLOYER
Training helped in obtaining a promotion		Attended one in-house training course	10
Training is likely to help in obtaining a promotion		Skills gained could be used with another employer	
Other		Skills gained could not be used with another employer	
		Attended two or more in-house training courses	
TCIH14	WHETHER DID MAIN IN-HOUSE TRAINING COURSE TO HELP OBTAIN A PROMOTION	Skills gained in all training courses could be used with another employer	
Did training to help obtain a promotion	10	Skills gained in some training courses could be used with another employer	
Training helped in obtaining a promotion		Skills gained in training courses could not be used with another employer	
Training is likely to help in obtaining a promotion			
Other		TCIH19	WHO RECOMMENDED ATTENDANCE AT IN-HOUSE TRAINING COURSES
Did not do training to help obtain a promotion		Main period employer	Course file 10
Training helped in obtaining a promotion		Other employer	
Training is likely to help in obtaining a promotion		Other	
Other			
TCIH15	SUMMARY OF WHETHER DID IN-HOUSE TRAINING COURSES TO HELP OBTAIN A PROMOTION	TCIH20	WHO RECOMMENDED ATTENDANCE AT MAIN IN-HOUSE TRAINING COURSE
Attended one in-house training course	10	Main period employer	10
Did training to help obtain a promotion		Other employer	
Did not do training to help obtain a promotion		Other	
Attended two or more in-house training courses			
Did all training courses to help obtain a promotion		TCIH21	SUMMARY OF WHO RECOMMENDED ATTENDANCE AT IN-HOUSE TRAINING COURSES
Did some training courses to help obtain a promotion		Attended one in-house training course	10
Did no training courses to help obtain a promotion		Course recommended by –	
		Main period employer	
TCIH16	WHETHER SKILLS GAINED THROUGH IN-HOUSE TRAINING COURSES TRANSFERABLE TO ANOTHER EMPLOYER	Other employer	
Skills gained could be used with another employer	Course file 10	Other	
Skills gained could not be used with another employer		Attended two or more in-house training courses	
		Course recommended by –	
		Main period employer only	
		Other employer only	
		Other only	
		Combination of the above	

VARIABLE	POPULATIONS	VARIABLE	POPULATIONS
TCIH31 TIME SPENT ON TRADE/CRAFT TRAINING COURSES – IN-HOUSE		TCIH34 TIME SPENT ON TRANSPORT AND MACHINERY OPERATION TRAINING COURSES – IN-HOUSE	
Attended an in-house trade/craft training course	10	Attended an in-house transport and machinery operation training course	10
Less than 40 hours		Less than 40 hours	
1 – 9 hours		1 – 9 hours	
10 – 19 hours		10 – 19 hours	
20 – 29 hours		20 – 29 hours	
30 – 39 hours		30 – 39 hours	
40 hours or more		40 hours or more	
40 – 119 hours		40 – 119 hours	
120 – 199 hours		120 – 199 hours	
200 – 399 hours		200 – 399 hours	
400 hours or more		400 hours or more	
Did not attend an in-house trade/craft training course		Did not attend an in-house transport and machinery operation training course	
TCIH32 TIME SPENT ON CLERICAL/OFFICE TRAINING COURSES – IN-HOUSE		TCIH35 TIME SPENT ON LABOURING AND RELATED TRAINING COURSES – IN-HOUSE	
Attended an in-house clerical/office training course	10	Attended an in-house labouring and related training course	10
Less than 40 hours		Less than 40 hours	
1 – 9 hours		1 – 9 hours	
10 – 19 hours		10 – 19 hours	
20 – 29 hours		20 – 29 hours	
30 – 39 hours		30 – 39 hours	
40 hours or more		40 hours or more	
40 – 119 hours		40 – 119 hours	
120 – 199 hours		120 – 199 hours	
200 – 399 hours		200 – 399 hours	
400 hours or more		400 hours or more	
Did not attend an in-house clerical/office training course		Did not attend an in-house labouring and related training course	
TCIH33 TIME SPENT ON SALES AND PERSONAL SERVICE TRAINING COURSES – IN-HOUSE		TCIH36 TIME SPENT ON INDUCTION TRAINING COURSES – IN-HOUSE	
Attended an in-house sales and personal service training course	10	Attended an in-house induction training course	10
Less than 40 hours		Less than 40 hours	
1 – 9 hours		1 – 9 hours	
10 – 19 hours		10 – 19 hours	
20 – 29 hours		20 – 29 hours	
30 – 39 hours		30 – 39 hours	
40 hours or more		40 hours or more	
40 – 119 hours		40 – 119 hours	
120 – 199 hours		120 – 199 hours	
200 – 399 hours		200 – 399 hours	
400 hours or more		400 hours or more	
Did not attend an in-house sales and personal training course		Did not attend an in-house induction training course	

VARIABLE	POPULATIONS	VARIABLE	POPULATIONS
TCIH37	TIME SPENT ON GENERAL SUPERVISORY TRAINING COURSES – IN-HOUSE	EXTERNAL TRAINING COURSES	
Attended an in-house general supervisory training course	10	TCEX1A	NUMBER OF EXTERNAL TRAINING COURSES ATTENDED IN THE LAST 12 MONTHS (1)
Less than 40 hours		Attended an external training course	1-10
1 – 9 hours		One	
10 – 19 hours		Two	
20 – 29 hours		Three	
30 – 39 hours		Four	
40 hours or more		Five or more	
40 – 119 hours		Did not attend an external training course	
120 – 199 hours			
200 – 399 hours			
400 hours or more			
Did not attend an in-house general supervisory training course		TCEX1B	NUMBER OF EXTERNAL TRAINING COURSES ATTENDED IN THE LAST 12 MONTHS (2)
		One	11-13
TCIH38	TIME SPENT ON GENERAL COMPUTING SKILLS TRAINING COURSES – IN-HOUSE	Two or more	
Attended an in-house general computing skills training course	10	Two	
Less than 40 hours		Three	
1 – 9 hours		Four	
10 – 19 hours		Five or more	
20 – 29 hours			
30 – 39 hours		TCEX2	TYPES OF EXTERNAL TRAINING COURSES ATTENDED IN THE LAST 12 MONTHS
40 hours or more		Management and professional training	Course file 11-13
40 – 119 hours		Technical and para-professional training	
120 – 199 hours		Trade/craft training	
200 – 399 hours		Clerical/office training	
400 hours or more		Sales and personal service training	
Did not attend an in-house general computing skills training course		Transport and machinery operation training	
		Labouring and related training	
TCIH39	TIME SPENT ON GENERAL HEALTH AND SAFETY TRAINING COURSES – IN-HOUSE	Induction training	
Attended an in-house general health and safety training course	10	General supervisory training	
Less than 40 hours		General computing skills training	
1 – 9 hours		General health and safety training	
10 – 19 hours		Other training	
20 – 29 hours			
30 – 39 hours		TCEX3	MAIN TYPE OF EXTERNAL TRAINING COURSE ATTENDED IN THE LAST 12 MONTHS
40 hours or more		Management and professional training	11-13
40 – 119 hours		Technical and para-professional training	
120 – 199 hours		Trade/craft training	
200 – 399 hours		Clerical/office training	
400 hours or more		Sales and personal service training	
Did not attend an in-house general health and safety training course		Transport and machinery operation training	
		Labouring and related training	
TCIH40	TIME SPENT ON OTHER TRAINING COURSES – IN-HOUSE	Induction training	
Attended an other in-house training course	10	General supervisory training	
Less than 40 hours		General computing skills training	
1 – 9 hours		General health and safety training	
10 – 19 hours		Other training	
20 – 29 hours			
30 – 39 hours			
40 hours or more			
40 – 119 hours			
120 – 199 hours			
200 – 399 hours			
400 hours or more			
Did not attend an other in-house training course			

VARIABLE	POPULATIONS	VARIABLE	POPULATIONS
TCEX4 MAIN TYPE OF EXTERNAL TRAINING COURSE ATTENDED IN THE LAST 12 MONTHS WHILE WORKING	12	TCEX5B SUMMARY OF TYPES OF EXTERNAL TRAINING COURSES ATTENDED IN THE LAST 12 MONTHS	11-13
Management and professional training		Attended one external training course	
Technical and para-professional training		Attended two or more external training courses	
Trade/craft training		All courses of the same type	
Clerical/office training		Attended courses of different types	
Sales and personal service training			
Transport and machinery operation training		TCEX6 TIME SPENT ON EXTERNAL TRAINING COURSES ATTENDED IN THE LAST 12 MONTHS	
Labouring and related training		Less than 40 hours	Course file 11-13
Induction training		1 - 9 hours	
General supervisory training		10 - 19 hours	
General computing skills training		20 - 29 hours	
General health and safety training		30 - 39 hours	
Other training		40 hours or more	
		40 - 119 hours	
TCEX5A SUMMARY OF TYPES OF EXTERNAL TRAINING COURSES ATTENDED IN THE LAST 12 MONTHS	11-13	120 - 199 hours	
Attended one external training course		200 hours or more	
Type of course -		TCEX7A TOTAL TIME SPENT ON EXTERNAL TRAINING COURSES ATTENDED IN THE LAST 12 MONTHS (1)	1-10
Management and professional training		Attended an external training course	
Technical and para-professional training		Less than 40 hours	
Trade/craft training		1 - 9 hours	
Clerical/office training		10 - 19 hours	
Sales and personal service training		20 - 29 hours	
Transport and machinery operation training		30 - 39 hours	
Labouring and related training		40 hours or more	
Induction training		40 - 119 hours	
General supervisory training		120 - 199 hours	
General computing skills training		200 - 399 hours	
General health and safety training		400 hours or more	
Other training		Did not attend an external training course	
Attended two or more external training courses		TCEX7B TOTAL TIME SPENT ON EXTERNAL TRAINING COURSES ATTENDED IN THE LAST 12 MONTHS (2)	11-13
All courses of the same type -		Less than 40 hours	
Management and professional training		1 - 9 hours	
Technical and para-professional training		10 - 19 hours	
Trade/craft training		20 - 29 hours	
Clerical/office training		30 - 39 hours	
Sales and personal service training		40 hours or more	
Transport and machinery operation training		40 - 119 hours	
Labouring and related training		120 - 199 hours	
Induction training		200 - 399 hours	
General supervisory training		400 hours or more	
General computing skills training			
General health and safety training			
Other training			
Attended courses of different types			

VARIABLE	POPULATIONS	VARIABLE	POPULATIONS
TCEX8 TOTAL TIME SPENT ON EXTERNAL TRAINING COURSES SUPPORTED BY AN EMPLOYER	ALL	TCEX12 STRUCTURE OF MAIN EXTERNAL TRAINING COURSE	11-13
Attended an external training course supported by an employer		Conducted with an instructor	
Less than 40 hours		With structured notes or a manual	
1 - 9 hours		Self paced course	
10 - 19 hours		Not a self paced course	
20 - 29 hours		Without structured notes or a manual	
30 - 39 hours		Self paced course	
40 hours or more		Not a self paced course	
40 - 119 hours		Conducted without an instructor	
120 - 199 hours		With structured notes or a manual	
200 hours or more		Self paced course	
Did not attend an external training course supported by an employer		Not a self paced course	
TCEX9 TOTAL TIME SPENT ON EXTERNAL TRAINING COURSES NOT SUPPORTED BY AN EMPLOYER	ALL	TCEX13 WHETHER EXTERNAL TRAINING COURSES ATTENDED WHILE WORKING FOR RETRAINING	Course file 12
Attended an external training course not supported by an employer		Did training to enable a different kind of work	
Less than 40 hours		Did not do training to enable a different kind of work	
1 - 9 hours		TCEX14 SUMMARY OF WHETHER EXTERNAL TRAINING COURSES ATTENDED WHILE WORKING WERE FOR RETRAINING	12
10 - 19 hours		Attended one external training course while working	
20 - 29 hours		Did training to enable a different kind of work	
30 - 39 hours		Did not do training to enable a different kind of work	
40 hours or more		Attended two or more external training courses while working	
40 - 119 hours		Did all training courses to enable a different kind of work	
120 - 199 hours		Did some training courses to enable a different kind of work	
200 hours or more		Did no training courses to enable a different kind of work	
Did not attend an external training course not supported by an employer		TCEX15 WHETHER MAIN EXTERNAL TRAINING COURSE ATTENDED WHILE WORKING WAS FOR RETRAINING	12
TCEX10 TIME SPENT ON MAIN EXTERNAL TRAINING COURSE ATTENDED IN THE LAST 12 MONTHS	11-13	Did training to enable a different kind of work	
Less than 40 hours		Did not do training to enable a different kind of work	
1 - 9 hours		TCEX11 STRUCTURE OF EXTERNAL TRAINING COURSES	Course file 11-13
10 - 19 hours		Conducted with an instructor	
20 - 29 hours		With structured notes or a manual	
30 - 39 hours		Self paced course	
40 hours or more		Not a self paced course	
40 - 119 hours		Without structured notes or a manual	
120 - 199 hours		Self paced course	
200 hours or more		Not a self paced course	
Conducted without an instructor		Conducted without an instructor	
With structured notes or a manual		With structured notes or a manual	
Self paced course		Self paced course	
Not a self paced course		Not a self paced course	
Without structured notes or a manual		Without structured notes or a manual	
Self paced course		Self paced course	
Not a self paced course		Not a self paced course	

VARIABLE	POPULATIONS	VARIABLE	POPULATIONS
TCEX16	WHETHER DID EXTERNAL TRAINING COURSES WHILE WORKING TO HELP OBTAIN A PROMOTION	TCEX20	WHETHER SKILLS GAINED THROUGH MAIN EXTERNAL TRAINING COURSE ATTENDED WHILE WORKING TRANSFERABLE TO ANOTHER EMPLOYER
Did training to help obtain a promotion	Course file 12	Skills gained could be used with another employer	12
Training helped in obtaining promotion		Skills gained could not be used with another employer	
Training is likely to help in obtaining a promotion			
Other			
Did not do training to help obtain a promotion		TCEX21	WHETHER SKILLS GAINED THROUGH EXTERNAL TRAINING COURSES ATTENDED WHILE WORKING TRANSFERABLE TO ANOTHER EMPLOYER
Training helped in obtaining a promotion		Attended one external training course while working	12
Training is likely to help in obtaining a promotion		Skills gained could be used with another employer	
Other		Skills gained could not be used with another employer	
TCEX17	WHETHER DID MAIN EXTERNAL TRAINING COURSE WHILE WORKING TO HELP OBTAIN A PROMOTION	Attended two or more external training courses while working	
Did training to help obtain a promotion	12	Skills gained in all training courses could be used with another employer	
Training helped in obtaining a promotion		Skills gained in some training courses could be used with another employer	
Training is likely to help in obtaining a promotion		Skills gained in training courses could not be used with another employer	
Other			
Did not do training to help obtain a promotion		TCEX22	WHO RECOMMENDED ATTENDANCE AT EXTERNAL TRAINING COURSES ATTENDED WHILE WORKING
Training helped in obtaining a promotion		Main period employer	Course file 12
Training is likely to help in obtaining a promotion		Other employer	
Other		Other	
TCEX18	SUMMARY OF WHETHER DID EXTERNAL TRAINING COURSES WHILE WORKING TO HELP OBTAIN A PROMOTION	TCEX23	WHO RECOMMENDED ATTENDANCE AT MAIN EXTERNAL TRAINING COURSE ATTENDED WHILE WORKING
Attended one external training course while working	12	Main period employer	12
Did training to help obtain a promotion		Other employer	
Did not do training to help obtain a promotion		Other	
Attended two or more external training courses while working		TCEX24	SUMMARY OF WHO RECOMMENDED ATTENDANCE AT EXTERNAL TRAINING COURSES ATTENDED WHILE WORKING
Did all training courses to help obtain a promotion		Attended one external training course while working	12
Did some training courses to help obtain a promotion		Course recommended by –	
Did no training courses to help obtain a promotion		Main period employer	
		Other employer	
TCEX19	WHETHER SKILLS GAINED THROUGH EXTERNAL TRAINING COURSES ATTENDED WHILE WORKING TRANSFERABLE TO ANOTHER EMPLOYER	Other	
Skills gained could be used with another employer	Course file 12	Attended two or more external training courses while working	
Skills gained could not be used with another employer		Courses recommended by –	
		Main period employer only	
		Other employer only	
		Other only	
		Combination of the above	

VARIABLE	POPULATIONS	VARIABLE	POPULATIONS
TCEX25 WHETHER EXTERNAL TRAINING COURSES REQUIRED TO OBTAIN JOB WITH MAIN PERIOD EMPLOYER	Required to obtain job with main period employer Not required to obtain job with main period employer Commenced job with main period employer in the last 12 months Commenced job with main period employer more than 12 months ago	TCEX29 EMPLOYER SUPPORT FOR MAIN EXTERNAL TRAINING COURSE ATTENDED WHILE WORKING	Employer support provided Main period employer Paid for study materials or fees Provided paid study leave Other Other employer No employer support provided
	Course file 11-13		12
TCEX26 WHETHER MAIN EXTERNAL TRAINING COURSE REQUIRED TO OBTAIN JOB WITH MAIN PERIOD EMPLOYER	Required to obtain job with main period employer Not required to obtain job with main period employer Commenced job with main period employer in the last 12 months Commenced job with main period employer more than 12 months ago	TCEX30 SUMMARY OF EMPLOYER SUPPORT FOR EXTERNAL TRAINING COURSES ATTENDED WHILE WORKING	Attended one external training course while working Employer support provided Main period employer Paid for study materials or fees Provided paid study leave Other Other employer No employer support provided Attended two or more external training courses while working Employer support provided Main period employer Paid for study materials or fees Provided paid study leave Other Other employer No employer support provided
	11-13		12
TCEX27 SUMMARY OF WHETHER EXTERNAL TRAINING COURSES REQUIRED TO OBTAIN JOB WITH MAIN PERIOD EMPLOYER	Attended one external training course Required to obtain job with main period employer Not required to obtain job with main period employer Attended two or more external training courses All courses required to obtain job with main period employer Some courses required to obtain job with main period employer No courses required to obtain job with main period employer		
	11-13		
TCEX28 EMPLOYER SUPPORT FOR EXTERNAL TRAINING COURSES ATTENDED WHILE WORKING	Employer support provided Main period employer Paid for study materials or fees Provided paid study leave Other Other employer No employer support provided	TCEX31 PROVIDER OF EXTERNAL TRAINING COURSES	Educational institution Training consultant Equipment supplier or manufacturer Professional or industrial association Other
	Course file 12		Course file 11-13
		TCEX32 PROVIDER OF MAIN EXTERNAL TRAINING COURSE	Educational institution Training consultant Equipment supplier or manufacturer Professional or industrial association Other
			11-13

VARIABLE	POPULATIONS	VARIABLE	POPULATIONS
TCEX33 WHETHER DID EXTERNAL TRAINING COURSES WHILE NOT WORKING TO HELP OBTAIN A JOB		TCEX36B NUMBER OF EXTERNAL TRAINING COURSES ATTENDED IN THE LAST 12 MONTHS WHILE WORKING (2)	
Did training to help obtain a job	Course file13	One	12
Training helped in obtaining a job		Two	
Better job or more money than previous job		Three	
Other/no previous job		Four	
Training did not help in obtaining a job		TCEX37A NUMBER OF EXTERNAL TRAINING COURSES ATTENDED IN THE LAST 12 MONTHS WHILE NOT WORKING (1)	
Did not do training to help obtain a job		None	11-12
Training helped in obtaining a job		One	
Better job or more money than previous job		Two	
Other/no previous job		Three	
Training did not help in obtaining a job		Four	
TCEX34 WHETHER DID MAIN EXTERNAL TRAINING COURSE WHILE NOT WORKING TO HELP OBTAIN A JOB		TCEX37B NUMBER OF EXTERNAL TRAINING COURSES ATTENDED IN THE LAST 12 MONTHS WHILE NOT WORKING (2)	
Did training to help obtain a job	13	One	13
Training helped in obtaining a job		Two	
Better job or more money than previous job		Three	
Other/no previous job		Four	
Training did not help in obtaining a job		TCEX38 WHETHER WORKING AT THE TIME ATTENDED MAIN EXTERNAL TRAINING COURSE	
Did not do training to help obtain a job		Working	11-13
Training helped in obtaining a job		Not working	
Better job or more money than previous job		TCEX39 NUMBER OF EXTERNAL TRAINING COURSES ATTENDED IN THE LAST 12 MONTHS WHILE WORKING THAT WERE SUPPORTED BY EMPLOYER	
Other/no previous job		None	12
Training did not help in obtaining a job		One	
TCEX35 SUMMARY OF WHETHER DID EXTERNAL TRAINING COURSES WHILE NOT WORKING TO HELP OBTAIN A JOB		Two	
Attended one external training course while not working	13	Three	
Did training to help obtain a job		Four	
Did not do training to help obtain a job		TCEX40 NUMBER OF EXTERNAL TRAINING COURSES ATTENDED IN THE LAST 12 MONTHS WHILE WORKING THAT WERE NOT SUPPORTED BY EMPLOYER	
Attended two or more external training courses while not working		None	12
Did all training courses to help obtain a job		One	
Did some training courses to help obtain a job		Two	
Did no training courses to help obtain a job		Three	
TCEX36A NUMBER OF EXTERNAL TRAINING COURSES ATTENDED IN THE LAST 12 MONTHS WHILE WORKING (1)		Four	
None	11,13		
One			
Two			
Three			
Four			

VARIABLE	POPULATIONS	VARIABLE	POPULATIONS
TCEX41 TIME SPENT ON MANAGEMENT AND PROFESSIONAL TRAINING COURSES – EXTERNAL		TCEX44 TIME SPENT ON CLERICAL/OFFICE TRAINING COURSES – EXTERNAL	
Attended an external management and professional training course	11-13	Attended an external clerical/office training course	11-13
Less than 40 hours		Less than 40 hours	
1 – 9 hours		1 – 9 hours	
10 – 19 hours		10 – 19 hours	
20 – 29 hours		20 – 29 hours	
30 – 39 hours		30 – 39 hours	
40 hours or more		40 hours or more	
40 – 119 hours		40 – 119 hours	
120 – 199 hours		120 – 199 hours	
200 – 399 hours		200 – 399 hours	
400 hours or more		400 hours or more	
Did not attend an external management and professional training course		Did not attend an external clerical/office training course	
TCEX42 TIME SPENT ON TECHNICAL AND PARA-PROFESSIONAL TRAINING COURSES – EXTERNAL		TCEX45 TIME SPENT ON SALES AND PERSONAL SERVICE TRAINING COURSES – EXTERNAL	
Attended an external technical and para-professional training course	11-13	Attended an external sales and personal service training course	11-13
Less than 40 hours		Less than 40 hours	
1 – 9 hours		1 – 9 hours	
10 – 19 hours		10 – 19 hours	
20 – 29 hours		20 – 29 hours	
30 – 39 hours		30 – 39 hours	
40 hours or more		40 hours or more	
40 – 119 hours		40 – 119 hours	
120 – 199 hours		120 – 199 hours	
200 – 399 hours		200 – 399 hours	
400 hours or more		400 hours or more	
Did not attend an external technical and para-professional training course		Did not attend an external sales and personal service training course	
TCEX43 TIME SPENT ON TRADE/CRAFT TRAINING COURSES – EXTERNAL		TCEX46 TIME SPENT ON TRANSPORT AND MACHINERY OPERATION TRAINING COURSES – EXTERNAL	
Attended an external trade/craft training course	11-13	Attended an external transport and machinery operation training course	11-13
Less than 40 hours		Less than 40 hours	
1 – 9 hours		1 – 9 hours	
10 – 19 hours		10 – 19 hours	
20 – 29 hours		20 – 29 hours	
30 – 39 hours		30 – 39 hours	
40 hours or more		40 hours or more	
40 – 119 hours		40 – 119 hours	
120 – 199 hours		120 – 199 hours	
200 – 399 hours		200 – 399 hours	
400 hours or more		400 hours or more	
Did not attend an external trade/craft training course		Did not attend an external transport and machinery operation training course	

VARIABLE	POPULATIONS	VARIABLE	POPULATIONS
TCEX47 TIME SPENT ON LABOURING AND RELATED TRAINING COURSES – EXTERNAL		TCEX50 TIME SPENT ON GENERAL COMPUTING SKILLS TRAINING COURSES – EXTERNAL	
Attended an external labouring and related training course	11-13	Attended an external general computing skills training course	11-13
Less than 40 hours		Less than 40 hours	
1 – 9 hours		1 – 9 hours	
10 – 19 hours		10 – 19 hours	
20 – 29 hours		20 – 29 hours	
30 – 39 hours		30 – 39 hours	
40 hours or more		40 hours or more	
40 – 119 hours		40 – 119 hours	
120 – 199 hours		120 – 199 hours	
200 – 399 hours		200 – 399 hours	
400 hours or more		400 hours or more	
Did not attend an external labouring and related training course		Did not attend an external general computing skills training course	
TCEX48 TIME SPENT ON INDUCTION TRAINING COURSES – EXTERNAL		TCEX51 TIME SPENT ON GENERAL HEALTH AND SAFETY TRAINING COURSES – EXTERNAL	
Attended an external induction training course	11-13	Attended an external general health and safety training course	11-13
Less than 40 hours		Less than 40 hours	
1 – 9 hours		1 – 9 hours	
10 – 19 hours		10 – 19 hours	
20 – 29 hours		20 – 29 hours	
30 – 39 hours		30 – 39 hours	
40 hours or more		40 hours or more	
40 – 119 hours		40 – 119 hours	
120 – 199 hours		120 – 199 hours	
200 – 399 hours		200 – 399 hours	
400 hours or more		400 hours or more	
Did not attend an external induction training course		Did not attend an external general health and safety training course	
TCEX49 TIME SPENT ON GENERAL SUPERVISORY TRAINING COURSES – EXTERNAL		TCEX52 TIME SPENT ON OTHER TRAINING COURSES – EXTERNAL	
Attended an external general supervisory training course	11-13	Attended an other external training course	11-13
Less than 40 hours		Less than 40 hours	
1 – 9 hours		1 – 9 hours	
10 – 19 hours		10 – 19 hours	
20 – 29 hours		20 – 29 hours	
30 – 39 hours		30 – 39 hours	
40 hours or more		40 hours or more	
40 – 119 hours		40 – 119 hours	
120 – 199 hours		120 – 199 hours	
200 – 399 hours		200 – 399 hours	
400 hours or more		400 hours or more	
Did not attend an external general supervisory training course		Did not attend an other external training course	
TCEX53 TOTAL TIME SPENT ON EXTERNAL TRAINING COURSES ATTENDED IN THE LAST 12 MONTHS WHILE WORKING			
		Less than 40 hours	12
		1 – 9 hours	
		10 – 19 hours	
		20 – 29 hours	
		30 – 39 hours	
		40 hours or more	
		40 – 119 hours	
		120 – 199 hours	
		200 – 399 hours	
		400 hours or more	

VARIABLE	POPULATIONS	VARIABLE	POPULATIONS
TCEX54 TOTAL TIME SPENT ON EXTERNAL TRAINING COURSES ATTENDED IN THE LAST 12 MONTHS WHILE NOT WORKING		TC4 TIME SPENT ON MAIN IN-HOUSE OR EXTERNAL TRAINING COURSE IN THE LAST 12 MONTHS	
Less than 40 hours	13	Less than 40 hours	5
1 - 9 hours		1 - 9 hours	
10 - 19 hours		10 - 19 hours	
20 - 29 hours		20 - 29 hours	
30 - 39 hours		30 - 39 hours	
40 hours or more		40 hours or more	
40 - 119 hours		40 - 119 hours	
120 - 199 hours		120 - 199 hours	
200 - 399 hours		200 hours or more	
400 hours or more			
TRAINING CATEGORIES		TC5 STRUCTURE OF MAIN IN-HOUSE OR EXTERNAL TRAINING COURSE ATTENDED IN THE LAST 12 MONTHS	
TC1 CATEGORIES OF TRAINING UNDERTAKEN IN THE LAST 12 MONTHS		Conducted with an instructor	5
Study for educational qualification in 1988	ALL	With structured notes or a manual	
External, employer supported		Self paced course	
External, not employer supported		Not a self paced course	
Total external		Without structured notes or a manual	
In-house		Self paced course	
On-the-job		Not a self paced course	
Total training		Conducted without an instructor	
		With structured notes or a manual	
		Self paced course	
		Not a self paced course	
		Without structured notes or a manual	
		Self paced course	
		Not a self paced course	
TC2 MAIN TYPE OF IN-HOUSE OR EXTERNAL TRAINING COURSE ATTENDED IN THE LAST 12 MONTHS		TC6 WHETHER MAIN IN-HOUSE OR EXTERNAL TRAINING COURSE WAS FOR RETRAINING	
Management and professional training	5	Attended main training course while working	5
Technical and para-professional training		Did training to enable a different kind of work	
Trade/craft training		Did not do training to enable a different kind of work	
Clerical/office training		Attended main training course while not working	
Sales and personal service training			
Transport and machinery operation training		TC7 WHETHER DID MAIN IN-HOUSE OR EXTERNAL TRAINING COURSE TO HELP OBTAIN A PROMOTION	
Labouring and related training		Attended main training course while working	5
Induction training		Did training to help obtain a promotion	
General supervisory training		Training helped in obtaining a promotion	
General computing skills training		Training is likely to help in obtaining a promotion	
General health and safety training		Other	
Other training		Did not do training to help obtain a promotion	
TC3 CATEGORY OF MAIN IN-HOUSE OR EXTERNAL TRAINING COURSE ATTENDED IN THE LAST 12 MONTHS		Training helped in obtaining a promotion	
External, while working	5	Training is likely to help in obtaining a promotion	
Employer support provided		Other	
No employer support provided		Did not do training to help obtain a promotion	
External, while not working		Training helped in obtaining a promotion	
In-house		Training is likely to help in obtaining a promotion	
		Other	
		Attended main training course while not working	

VARIABLE	POPULATIONS	VARIABLE	POPULATIONS	
TC8	WHETHER SKILLS GAINED THROUGH MAIN IN-HOUSE OR EXTERNAL TRAINING COURSE TRANSFERABLE TO ANOTHER EMPLOYER Attended main training course while working Skills gained could be used with another employer Skills gained could not be used with another employer Attended main training course while not working	5	TC12 TIME SPENT ON MANAGEMENT AND PROFESSIONAL TRAINING COURSES – IN-HOUSE AND EXTERNAL Attended a management and professional training course Less than 40 hours 1 – 9 hours 10 – 19 hours 20 – 29 hours 30 – 39 hours 40 hours or more 40 – 119 hours 120 – 199 hours 200 – 399 hours 400 hours or more Did not attend a management and professional training course	5
TC9	WHO RECOMMENDED ATTENDANCE AT MAIN IN-HOUSE OR EXTERNAL TRAINING COURSE Attended main training course while working Course recommended by – Main period employer Other employer Other Attended main training course while not working	5	TC13 TIME SPENT ON TECHNICAL AND PARA-PROFESSIONAL TRAINING COURSES – IN-HOUSE AND EXTERNAL Attended a technical and para-professional training course Less than 40 hours 1 – 9 hours 10 – 19 hours 20 – 29 hours 30 – 39 hours 40 hours or more 40 – 119 hours 120 – 199 hours 200 – 399 hours 400 hours or more Did not attend a technical and para-professional training course	5
TC10	WHETHER MAIN IN-HOUSE OR EXTERNAL TRAINING COURSE REQUIRED TO OBTAIN JOB WITH MAIN PERIOD EMPLOYER Attended main training course while working Required to obtain job with main period employer Not required to obtain job with main period employer Commenced job with main period employer in the last 12 months Commenced job with main period employer more than 12 months ago Attended main training course while not working	5	TC14 TIME SPENT ON TRADE/CRAFT TRAINING COURSES – IN-HOUSE AND EXTERNAL Attended a trade/craft training course Less than 40 hours 1 – 9 hours 10 – 19 hours 20 – 29 hours 30 – 39 hours 40 hours or more 40 – 119 hours 120 – 199 hours 200 – 399 hours 400 hours or more Did not attend a trade/craft training course	5
TC11	TOTAL TIME SPENT ON IN-HOUSE OR EXTERNAL TRAINING COURSES ATTENDED IN THE LAST 12 MONTHS Less than 40 hours 1 – 9 hours 10 – 19 hours 20 – 29 hours 30 – 39 hours 40 hours or more 40 – 119 hours 120 – 199 hours 200 – 399 hours 400 hours or more	5		

VARIABLE	POPULATIONS	VARIABLE	POPULATIONS
TC15		TC18	
TIME SPENT ON CLERICAL/ OFFICE TRAINING COURSES – IN-HOUSE AND EXTERNAL		TIME SPENT ON LABOURING AND RELATED TRAINING COURSES – IN-HOUSE AND EXTERNAL	
Attended a clerical/office training course	5	Attended a labouring and related training course	5
Less than 40 hours		Less than 40 hours	
1 – 9 hours		1 – 9 hours	
10 – 19 hours		10 – 19 hours	
20 – 29 hours		20 – 29 hours	
30 – 39 hours		30 – 39 hours	
40 hours or more		40 hours or more	
40 – 119 hours		40 – 119 hours	
120 – 199 hours		120 – 199 hours	
200 – 399 hours		200 – 399 hours	
400 hours or more		400 hours or more	
Did not attend a clerical/office training course		Did not attend a labouring and related training course	
TC16		TC19	
TIME SPENT ON SALES AND PERSONAL SERVICE TRAINING COURSES – IN-HOUSE AND EXTERNAL		TIME SPENT ON INDUCTION TRAINING COURSES – IN-HOUSE AND EXTERNAL	
Attended a sales and personal service training course	5	Attended an induction training course	5
Less than 40 hours		Less than 40 hours	
1 – 9 hours		1 – 9 hours	
10 – 19 hours		10 – 19 hours	
20 – 29 hours		20 – 29 hours	
30 – 39 hours		30 – 39 hours	
40 hours or more		40 hours or more	
40 – 119 hours		40 – 119 hours	
120 – 199 hours		120 – 199 hours	
200 – 399 hours		200 – 399 hours	
400 hours or more		400 hours or more	
Did not attend a sales and personal service training course		Did not attend an induction training course	
TC17		TC20	
TIME SPENT ON TRANSPORT AND MACHINERY OPERATION TRAINING COURSES – IN-HOUSE AND EXTERNAL		TIME SPENT ON GENERAL SUPERVISORY TRAINING COURSES – IN-HOUSE AND EXTERNAL	
Attended a transport and machinery operation training course	5	Attended a general supervisory training course	5
Less than 40 hours		Less than 40 hours	
1 – 9 hours		1 – 9 hours	
10 – 19 hours		10 – 19 hours	
20 – 29 hours		20 – 29 hours	
30 – 39 hours		30 – 39 hours	
40 hours or more		40 hours or more	
40 – 119 hours		40 – 119 hours	
120 – 199 hours		120 – 199 hours	
200 – 399 hours		200 – 399 hours	
400 hours or more		400 hours or more	
Did not attend a transport and machinery operation training course		Did not attend a general supervisory training course	

VARIABLE	POPULATIONS	VARIABLE	POPULATIONS
TC21	TIME SPENT ON GENERAL COMPUTING SKILLS TRAINING COURSES – IN-HOUSE AND EXTERNAL	TC23	TIME SPENT ON OTHER TRAINING COURSES – IN-HOUSE AND EXTERNAL
Attended a general computing skills training course	5	Attended an other training course	5
Less than 40 hours		Less than 40 hours	
1 – 9 hours		1 – 9 hours	
10 – 19 hours		10 – 19 hours	
20 – 29 hours		20 – 29 hours	
30 – 39 hours		30 – 39 hours	
40 hours or more		40 hours or more	
40 – 119 hours		40 – 119 hours	
120 – 199 hours		120 – 199 hours	
200 – 399 hours		200 – 399 hours	
400 hours or more		400 hours or more	
Did not attend a general computing skills training course		Did not attend an other training course	
TC22	TIME SPENT ON GENERAL HEALTH AND SAFETY TRAINING COURSES – IN-HOUSE AND EXTERNAL	ON-THE-JOB TRAINING ACTIVITIES	
Attended a general health and safety training course	5	UTA1	ALL ON-THE-JOB TRAINING ACTIVITIES LAST UNDERTAKEN IN THE 12 MONTHS
Less than 40 hours		Undertook on-the-job training activities	ALL
1 – 9 hours		Being shown how to do the job	
10 – 19 hours		Watching others work	
20 – 29 hours		Asking questions of co-workers	
30 – 39 hours		Teaching self	
40 hours or more		Did not undertake on-the-job training activities	
40 – 119 hours		UTA2	MAIN ON-THE-JOB TRAINING ACTIVITY UNDERTAKEN IN THE LAST 12 MONTHS
120 – 199 hours		Undertook on-the-job training activities	ALL
200 – 399 hours		Being shown how to do the job	
400 hours or more		Watching others work	
Did not attend a general health and safety training course		Asking questions of co-workers	
		Teaching self	
		Did not undertake on-the-job training activities	

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Please specify your special data request(s) on the order 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	60
3	75
4	105
5	150
6 or more	negotiable

- NOTE**
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3. Return the completed order form together with the **address advice** to—

Assistant Director
Labour Force Supplementary Surveys
Australian Bureau of Statistics
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Belconnen ACT 2616

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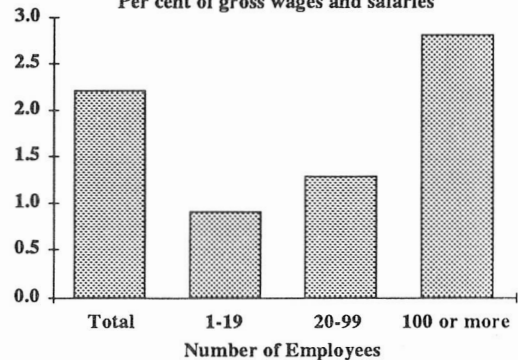
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