

# POCKET GUIDE

## AUSTRALIAN VOCATIONAL EDUCATION AND TRAINING STATISTICS

### HIGHLIGHTS

- There were 1.67 million students enrolled in the public VET system in 2007.
- Around one in nine people aged 15 to 64 years participated in the publicly funded VET system in Australia in 2007.
- The number of apprentices and trainees in-training as at 31 December 2007 was 405 500.
- 89.2% of graduates were employed or in further study approximately six months after their training in 2007.
- Total operating expenditures in Australia's public VET system was \$5490.6 million in 2006.



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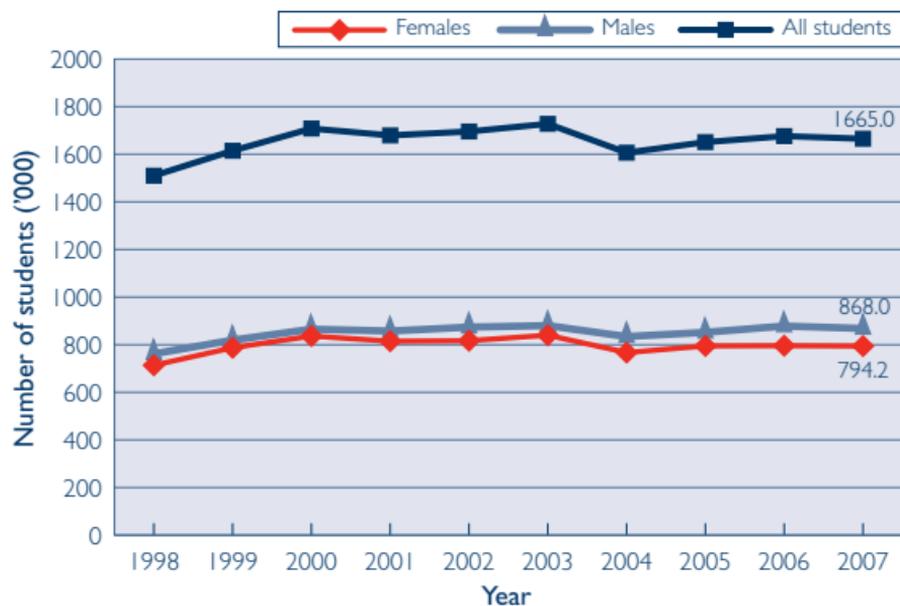
## CONTENTS

Australian public VET system	3
Apprentices and trainees	11
Expenditures and revenues	15
Outcomes of training	17
Employers' use and views	20
Notes on tables and graphs	21

This pocket guide presents statistics about:

- the public VET system, which includes activity undertaken at technical and further education (TAFE) institutes, other government providers and community education providers and publicly funded delivery by private providers
- apprentices and trainees who are undertaking vocational training through a contract of training
- expenditures and revenues of Australia's public VET system
- outcomes of training for those who completed their training at a TAFE institute or who were publicly funded and had undertaken their VET training at a private provider or community education provider
- employers' use and views of Australia's public VET system.

## NUMBER OF STUDENTS BY SEX, 1998–2007<sup>1,2</sup>



For notes on tables and graphs, see pages 21–23.

For further information, see <<http://www.ncver.edu.au/publications/2019.html>>.

Source: NCVER, National VET Provider Collection 1998–2007.

# AUSTRALIAN PUBLIC VET SYSTEM

## STUDENT CHARACTERISTICS, 2006–07

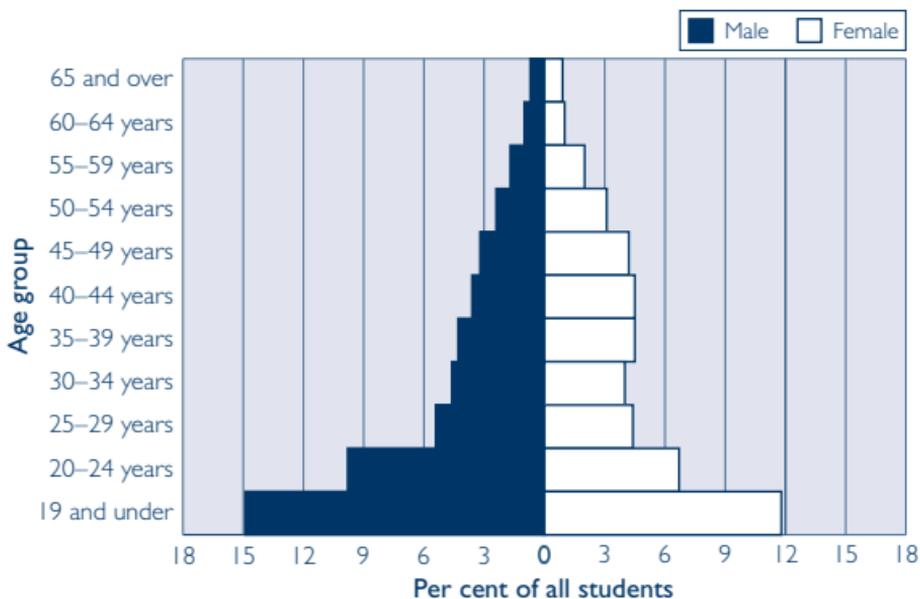
Student characteristics	2006 <sup>2</sup>	2007		2006–07
	('000)	('000)	% of total students	% change
Male	878.2	868.0	52.1	-1.2
Female	795.7	794.2	47.7	-0.2
15–24 years	705.0	708.9	42.6	0.5
45 years & over	328.4	336.9	20.2	2.6
Students with a disability	102.4	102.1	6.1	-0.3
Indigenous	67.8	70.9	4.3	4.5
Non-English speaking background	219.3	228.5	13.7	4.2
Studying full-time <sup>3</sup>	184.7	198.2	11.9	7.3
Apprentices & trainees undertaking off-the-job training	320.0	333.7	20.0	4.3

For notes on tables and graphs, see pages 21–23.

For further information, see <<http://www.ncver.edu.au/publications/2019.html>>.

Source: NCVER, National VET Provider Collection 2006–07.

## PROPORTION OF ALL STUDENTS BY AGE GROUP AND SEX, 2007



For further information, see <<http://www.ncver.edu.au/publications/2019.html>>.

Source: NCVER, National VET Provider Collection 2007.

## AUSTRALIAN PUBLIC VET SYSTEM

### PARTICIPATION RATE<sup>4</sup> OF PERSONS AGED 15 YEARS AND OLDER, 2003–07

Age	2003 %	2004 <sup>1</sup> %	2005 %	2006 <sup>2</sup> %	2007 %
15 to 19 years	26.5	26.5	27.3	30.2	30.1
20 to 24 years	20.2	19.0	19.0	18.9	18.5
25 to 44 years	11.2	10.2	10.2	9.9	9.8
45 to 64 years	6.9	6.1	6.3	5.9	5.9
65 years & older	1.3	1.0	1.1	1.0	1.0
<b>15 to 64 years</b>	<b>12.2</b>	<b>11.3</b>	<b>11.4</b>	<b>11.4</b>	<b>11.3</b>

For notes on tables and graphs, see pages 21–23.

For further information, see <<http://www.ncver.edu.au/publications/2019.html>>.

Source: NCVER, National VET Provider Collection 2003–07; ABS, *Population by age and sex, Australian states and territories, June 2007*, table 9, cat.no.3201.0, ABS, Canberra.

## PROPORTION OF STUDENTS BY HIGHEST CURRENT QUALIFICATION<sup>5</sup>, 2006–07



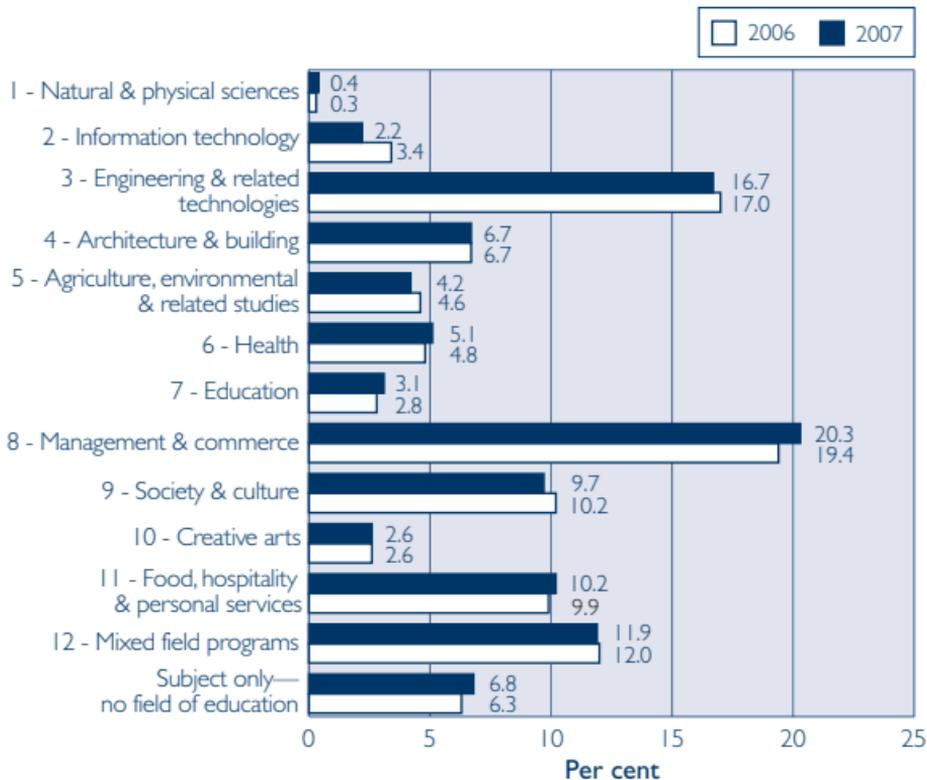
For notes on tables and graphs, see pages 21–23.

For further information, see <<http://www.ncver.edu.au/publications/2019.html>>.

Source: NCVER, National VET Provider Collection 2006–07.

# AUSTRALIAN PUBLIC VET SYSTEM

## PROPORTION OF STUDENTS BY MAJOR COURSE FIELD OF EDUCATION, 2006–07



For further information, see <<http://www.ncver.edu.au/publications/2019.html>>.

Source: NCVER, National VET Provider Collection 2006–07.

## STUDENTS BY TRAINING PACKAGE (GROUPED BY INDUSTRY SKILLS COUNCILS), AUSTRALIA, 2006–07<sup>6</sup>

	2006 ('000)	2007 ('000)	2006–07 % change
Agrifood	84.1	82.4	-2.0
Automotive	43.8	40.0	-8.7
Community services & health	103.4	111.3	7.6
Construction & property services	65.1	72.2	10.9
Electrocomms & energy utilities	33.4	37.8	13.3
Government	9.4	11.4	22.0
Innovation & business	282.1	292.6	3.7
Manufacturing	73.4	77.7	6.0
Services	202.9	208.6	2.8
SkillsDMC	12.7	14.1	11.1
Transport & logistics	41.1	33.5	-18.5
<b>Training packages not assigned to industry skills councils</b>	<b>4.9</b>	<b>4.1</b>	<b>-16.6</b>
<b>Training packages total</b>	<b>956.2</b>	<b>985.7</b>	<b>3.1</b>
<b>Non-training packages total</b>	<b>719.8</b>	<b>679.3</b>	<b>-5.6</b>
<b>Total students</b>	<b>1 676.0</b>	<b>1 665.0</b>	<b>-0.7</b>

For notes on tables and graphs, see pages 21–23.

For further information, see <<http://www.ncver.edu.au/publications/2019.html>>.

Source: NCVER, National VET Provider Collection 2006–07.

# AUSTRALIAN PUBLIC VET SYSTEM

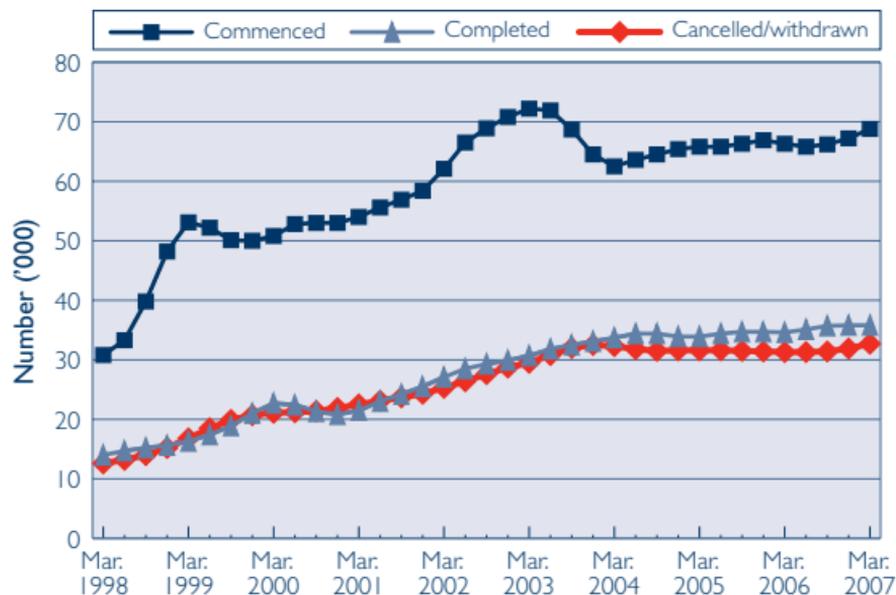
## NUMBER OF QUALIFICATIONS COMPLETED<sup>5,7</sup>, 2005–06

	2005 (’000)	2006 (’000)	2005–06 % change
<b>AQF qualifications</b>			
Diploma or higher	42.3	43.9	3.9
Certificate IV	58.5	51.0	-12.9
Certificate III	112.5	112.1	-0.3
Certificate II	64.7	64.9	0.2
Certificate I	20.1	21.5	7.4
<b>Type of accreditation</b>			
National training package qualifications	237.8	237.0	-0.3
Nationally accredited courses	60.2	56.4	-6.3
<b>Total qualifications completed</b>	<b>298.0</b>	<b>293.4</b>	<b>-1.5</b>

For notes on tables and graphs, see pages 21–23.

For further information, see <<http://www.ncver.edu.au/publications/2019.html>>.

Source: NCVER, National VET Provider Collection 2005–07.

APPRENTICES AND TRAINEES<sup>8</sup>, SEASONALLY ADJUSTED<sup>9</sup>, 1998–2007

For notes on tables and graphs, see pages 21–23.

For further information, see <<http://www.ncver.edu.au/publications/2061.html>>.

Source: NCVER, National Apprentice and Trainee Collection, June 2008 estimates.

## APPRENTICES AND TRAINEES

### APPRENTICE AND TRAINEE CONTRACT COMPLETION RATES BY OCCUPATION, 2002 COMMENCEMENTS

Occupation (ASCO) <sup>10</sup> group	Contract completion rates %	Number of contracts ('000)
Managers & administrators	50.0	1.4
Professionals	56.3	2.1
Associate professionals	42.9	20.5
Tradespersons & related workers	46.5	67.2
Advanced clerical, sales & service workers	49.7	6.4
Intermediate clerical, sales & service workers	48.7	101.2
Intermediate production & transport workers	55.5	34.1
Elementary clerical, sales & service workers	46.6	22.5
Labourers & related workers	47.7	29.3
<b>All occupations</b>	<b>48.4</b>	<b>284.8</b>

For notes on tables and graphs, see pages 21–23.

For further information, see <<http://www.ncver.edu.au/publications/2023.html>>.

Source: NCVET, National Apprentice and Trainee Collection, March 2008 estimates.

IN-TRAINING<sup>8</sup> BY OCCUPATION, AS AT 31 DECEMBER, 2006–07

Occupation (ASCO) <sup>10</sup> group	2006 (’000)	2007 (’000)	2006–07 % change
Managers & administrators	2.5	3.8	54.5
Professionals	4.5	6.9	55.0
Associate professionals	29.8	30.9	3.7
Tradespersons & related workers	186.4	190.7	2.3
Advanced clerical & service workers	6.8	6.3	-7.0
Intermediate clerical, sales & service workers	87.9	90.7	3.2
Intermediate production & transport workers	38.8	35.7	-7.9
Elementary clerical, sales & service workers	19.6	18.7	-4.8
Labourers & related workers	23.5	21.8	-6.9
<b>Total in-training</b>	<b>399.7</b>	<b>405.5</b>	<b>1.4</b>

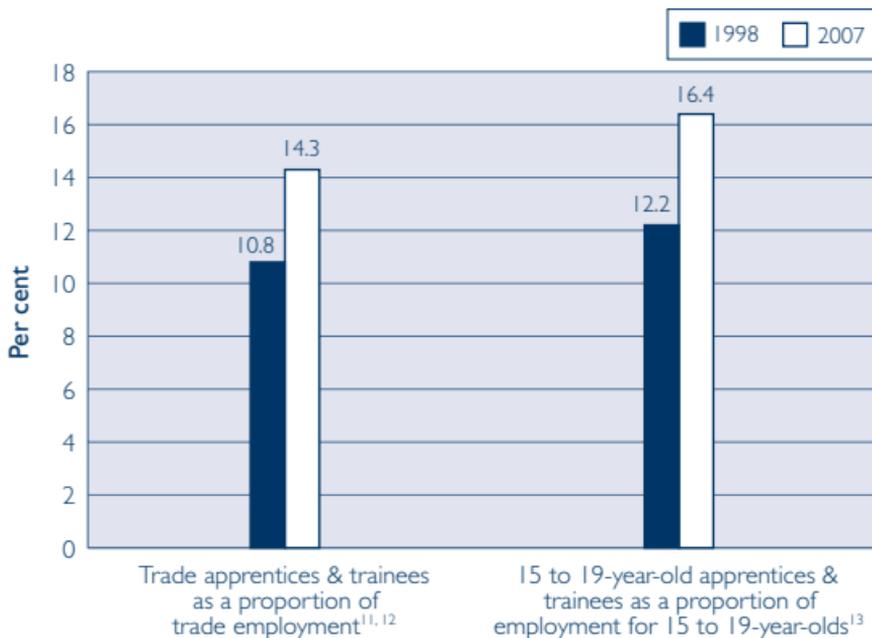
For notes on tables and graphs, see pages 21–23.

For further information, see <<http://www.ncver.edu.au/publications/2023.html>>.

Source: NCVER, National Apprentice and Trainee Collection, March 2008 estimates.

## APPRENTICES AND TRAINEES

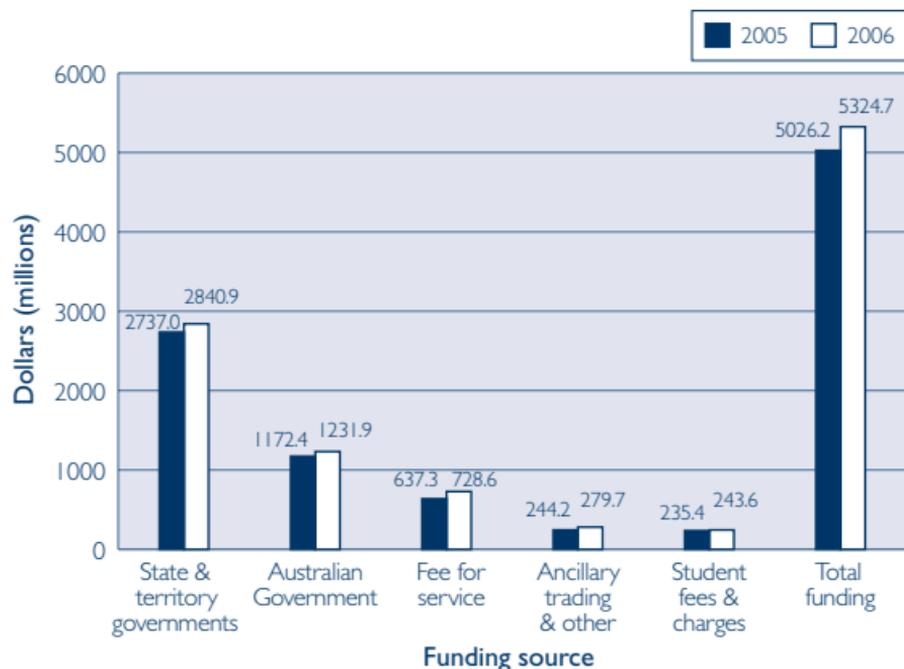
### APPRENTICE AND TRAINEE TRAINING RATES BY SELECTED CHARACTERISTICS, 1998 AND 2007



For notes on tables and graphs, see pages 21–23.

For further information, see <<http://www.ncver.edu.au/publications/2023.html>>.

Source: NCVER, National Apprentice and Trainee Collection, March 2008 estimates; for Employed persons: ABS, *Labour force, Australia, detailed*, electronic delivery, March 2008, cat.no.6291.0.55.001; ABS, *Labour force, Australia, detailed*, quarterly, February 2008, cat.no.6291.0.55.003, ABS, Canberra.

OPERATING REVENUES<sup>14</sup>, PUBLIC VET SYSTEM, 2005–06

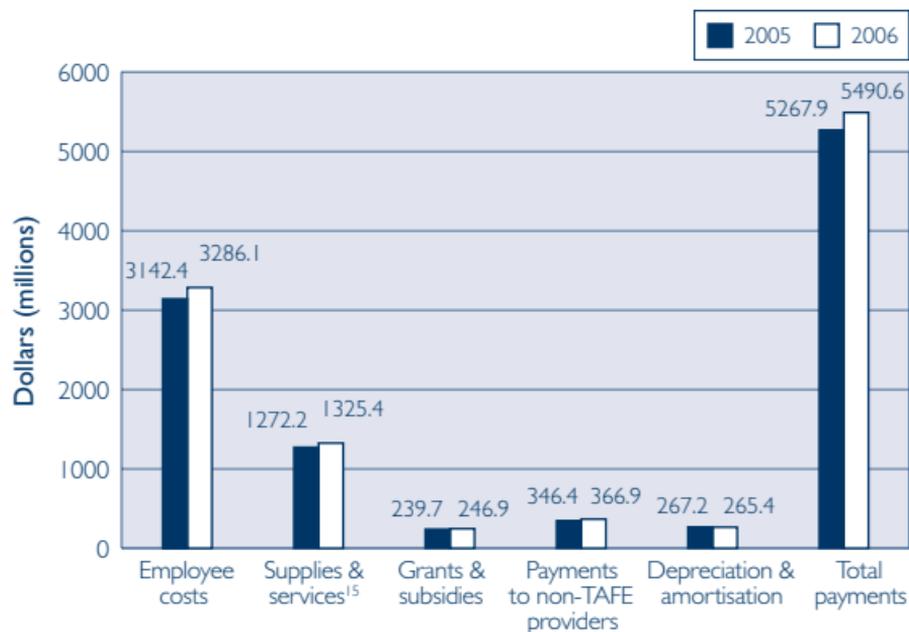
For notes on tables and graphs, see pages 21–23.

For further information, see <<http://www.ncver.edu.au/publications/1945.html>>.

Source: NCVER, National VET Financial Data Collection, 2006.

## EXPENDITURES AND REVENUES

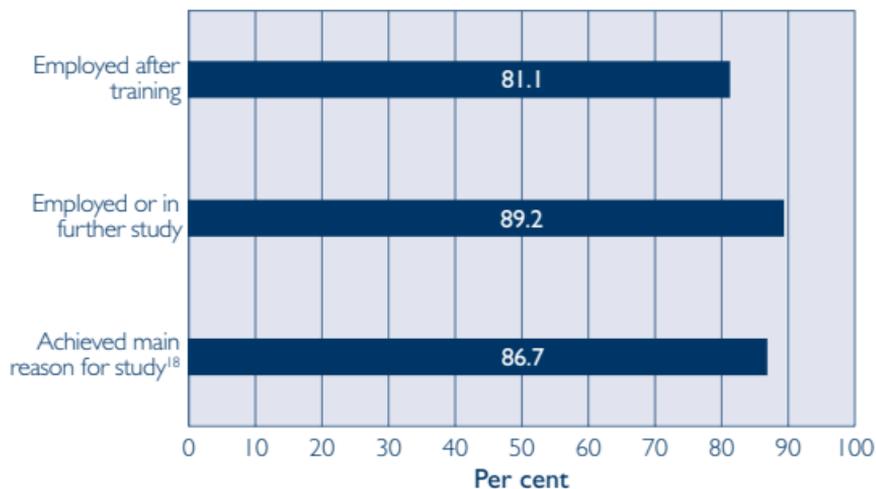
### OPERATING EXPENDITURES, PUBLIC VET SYSTEM, 2005–06



For notes on tables and graphs, see pages 21–23.

For further information, see <<http://www.ncver.edu.au/publications/1945.html>>.

Source: NCVER, National VET Financial Data Collection, 2006.

PROPORTION OF GRADUATES<sup>16</sup> BY KEY OUTCOME MEASURES<sup>17</sup>, 2007

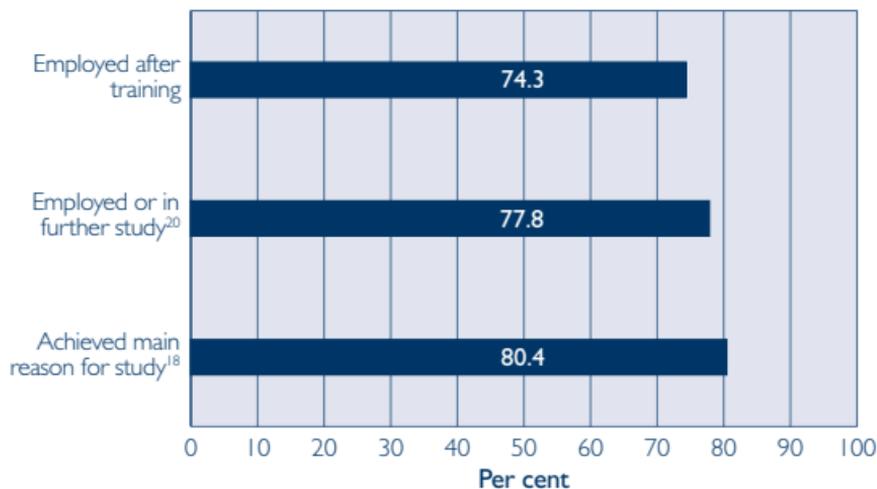
For notes on tables and graphs, see pages 21–23.

For further information, see <<http://www.ncver.edu.au/publications/1937.html>>.

Source: NCVET Student Outcomes Survey, 2007.

## OUTCOMES OF TRAINING

### PROPORTION OF MODULE COMPLETERS<sup>19</sup> BY KEY OUTCOME MEASURES<sup>17</sup>, 2007



For notes on tables and graphs, see pages 21–23.

For further information, see <<http://www.ncver.edu.au/publications/1937.html>>.

Source: NCVET Student Outcomes Survey, 2007.

OUTCOMES, PER CENT OF GRADUATES AND MODULE COMPLETERS,  
RESPECTIVELY, 2007

	Graduates <sup>16</sup>	Module completers <sup>19</sup>
	%	%
<b>Further study outcomes</b>		
Enrolled in further study	30.8	4.4
– studying at university <sup>21</sup>	6.3	4.4
– studying at a TAFE institute <sup>21,22</sup>	17.0	n.a.
– studying at a private provider or other registered provider <sup>22</sup>	7.2	n.a.
<b>Satisfaction outcomes</b>		
Students who were satisfied with the overall quality of their training	88.8	83.8
Students who achieved their main reason for study	86.7	80.4
Of those employed after training, students who reported that their training was highly or somewhat relevant to their current job	75.2	61.3

For notes on tables and graphs, see pages 21–23.

For further information, see <<http://www.ncver.edu.au/publications/1937.html>>.

Source: NCVET Student Outcomes Survey, 2007.

## EMPLOYERS' USE AND VIEWS

### EMPLOYERS' ENGAGEMENT AND SATISFACTION WITH EACH ASPECT OF THE VET SYSTEM, 2005 AND 2007

	2005 %	2007 %
<b>Employers engaged with the VET system<sup>23</sup> (%)</b>		
Employers with apprentices/trainees	28.2	29.1
Employers providing nationally recognised training <sup>24</sup>	24.1	22.1
Employers with vocational qualifications as a job requirement	35.0	33.3
<b>Employers who are satisfied<sup>25</sup> with training as a way of meeting skill needs (%)</b>		
Employers with apprentices/trainees	79.1	83.3
Employers providing nationally recognised training <sup>24</sup>	80.3	80.5
Employers with vocational qualifications as a job requirement	76.8	80.8

For notes on tables and graphs, see pages 21–23.

For further information, see <<http://www.ncver.edu.au/publications/1944.html>>.

Source: NCVET Survey of Employer Use and Views of the VET System, 2005, 2007.

## NOTES ON TABLES AND GRAPHS

- 1 In 2004 there was a large decrease in VET activity in the New South Wales adult and community (ACE) sector due to problems with software compatibility associated with the introduction of new systems by many of their providers. There were significant improvements in the NSW ACE reporting system in 2005, evident in increases in the reported number of female students and students in the older age groups (45–64 years and 65 years and older).
- 2 In 2006 New South Wales reported activity for workplace learning and the NSW Adult Migrant English Service (AMES) Skillmax Program for the first time.
- 3 Full-time and part-time study mode is based on total hours of delivery. In 2006 this excluded hours associated with continuing enrolments in all states and territories, except Victoria.
- 4 Participation rates are derived by calculating student numbers in the age group as a percentage of the estimated residential population in the corresponding age groups. Figures for all years are based on Australian Bureau of Statistics (ABS) population figures, catalogue number 3201.0.
- 5 For consistency of reporting, senior secondary education has been excluded from Australian Qualifications Framework (AQF) qualifications. It has been included as part of 'Other recognised courses' in the non-AQF qualifications grouping. As a result, the number of qualifications completed in AQF and non-AQF qualifications may not match those previously reported in earlier publications.
- 6 Industry skills councils represent particular industries and groups of training packages. For more information on how training packages are grouped by industry skills councils, go to <http://www.ncver.edu.au/statistics/vet/ann07/industryskillsgroup.pdf>.

## NOTES

- 7 Because data for qualifications completed in 2007 are based on preliminary data submissions, they are not presented in detail in this publication. Preliminary estimates indicate that there was a total of 281 200 qualifications completed in 2007 (compared with a preliminary estimate of 263 000 qualifications completed in 2006). The 2007 data will be revised upwards in the 2008 edition of this publication to accommodate further notification of qualifications completed.
- 8 The number of apprentices and trainees in-training are those aged 15 years and over.
- 9 The data presented in this figure have been seasonally adjusted using X-11-ARIMA methodology and then are 7-point Henderson smoothed.
- 10 ASCO is the ABS Australian Standard Classification of Occupations (2nd edition).
- 11 Derived by calculating the number of trade apprentices (aged 15 years and over) in-training as at 31 December (NCVER data) as a percentage of employed persons (aged 15 years and over) as at November (ABS data). The ABS does not produce monthly estimates of employment by occupation, with data available on a quarterly basis only (i.e. February, May, August and November).
- 12 Trade employment refers to those persons aged 15 years or over employed in a 'Tradespersons and related workers' occupation (ASCO 2nd edition).
- 13 Derived by calculating the number of apprentices and trainees (aged 15 years and over) in-training as at 31 December (NCVER data) as a percentage of employed persons (aged 15 years and over) as at December (ABS data).
- 14 All figures use actual prices for the year.

- 15 Includes impairment losses, losses on sales of property, plant and equipment, borrowing costs and other operating expenses.
- 16 The term 'graduate' refers to students who are reported as having completed all requirements for a qualification and students who identify as having completed all requirements.
- 17 Data include TAFE, other government and private providers (and the vocational part of community education providers in New South Wales and Victoria).
- 18 Includes fully or partially achieved main reason.
- 19 Module completers are students who have successfully completed part of a course (at least one module) without gaining a qualification.
- 20 Employed or in further study for module completers is defined as employed after completing a module of VET or going on to further study at university as, by definition, the only further study captured for module completers is at university (4.5% of module completers went on to study at university).
- 21 Includes TAFE divisions of universities.
- 22 These findings are not applicable to module completers.
- 23 Employers were asked about their use of VET and other forms of training in the 12 months preceding their interview.
- 24 Nationally recognised training is defined as training other than as part of an apprenticeship or traineeship. For the purposes of this survey, apprenticeships and traineeships are reported separately.
- 25 Satisfied is a rating of 'satisfied' or 'very satisfied'.

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