

2011 ANNUAL

# APPRENTICES & TRAINEES

Australian vocational  
education & training  
statistics



**Australian Government**

**Department of Industry, Innovation  
Science, Research and Tertiary Education**



# Australian vocational education and training statistics

## Apprentices and trainees

Annual  
**2011**

### Highlights

- 3.9% of Australian workers were employed as an apprentice or trainee as at December 2011, compared with 3.4% in 2001.
- Within the trades, 11.9% of workers were employed as an apprentice or trainee as at December 2011, compared with 9.5% in 2001.
- Overall commencements increased by 1.4% from 2010 to 2011, with trade commencements down 5.9%.
- The individual completion rate for apprentices and trainees commencing in 2006 was 57.3% for trade occupations and 54.4% for non-trade occupations.
- 36.4% of trade apprentices and trainees completing at certificate III and above in 2011 finished their training in two years or less, compared with 23.9% in 2001.



**Australian Government**

**Department of Industry, Innovation  
Science, Research and Tertiary Education**

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## Introduction

This annual publication provides a summary of training activity in apprenticeships and traineeships in Australia, including information on training rates, individual completion rates, and duration of training. The figures in this publication are derived from the National Apprentice and Trainee Collection no.71 (March 2012 estimates), which is compiled under the Australian Vocational Education and Training Management Information Statistical Standard (AVETMISS) for Apprentice and Trainee Collection specifications, release 6.0, March 2008.

## Scope

An apprentice or trainee is a person who undertakes a contract of training with an employer and a training provider. This publication presents an analysis of training activity undertaken by apprentices and trainees in Australia in the period from 2001 to 2011.

## More information

For additional information on apprentices and trainees, please refer to <<http://www.ncver.edu.au/publications/2507.html>>. This site includes state and territory breakdowns of the data presented in this publication, including seasonally adjusted data. Supporting documentation, including links to data cubes and the estimation methodology, is also available via this link.

In addition to the individual completion rates presented in this publication a separate publication has been produced which presents completion and attrition rates for apprentices and trainees using three different methodologies:

- contract completion and attrition rates: based on the outcomes of contracts of training
- individual completion rates: based on contract completion rates and adjusted for recommencement factor
- projected contract completion and attrition rates for the latest commencing apprentice and trainee cohorts: based on a 'life tables' methodology.

Further details on these methodologies and the resultant data tables can be found at <<http://www.ncver.edu.au/publications/2506.html>>.

## Australia in summary

The number of apprentices and trainees in-training as at 31 December 2011 was 449 000, an increase of 2.5% from one year earlier.

*Table 1*

In the 12 months to 31 December 2011, compared with the previous year:

- Commencements increased by 1.4%, to 318 400. Of this:
  - trades commencements decreased by 5.9%
  - non-trades commencements increased by 4.5%.
- Completions increased by 6.9%, to 180 000.
- Cancellations and withdrawals increased by 5.6%, to 138 600.

*Table 1*

*Table 4*

*Table 5*

*Table 1*

*Table 1*

In the 12 months to 31 December 2011:

- Trade occupations accounted for 28.3% of all apprentice and trainee commencements.
- 52.1% of apprentices and trainees who commenced in trades occupations were aged 19 years and younger, compared with 27.8% in non-trade occupations.
- Commencements in trade apprenticeships and traineeships were almost exclusively at certificate III.

*Table 6*

*Table 6*

*Figure 3*

## Training rates

Training rates present apprentices and trainees as a proportion of individuals employed.

As of December 2011:

- 3.9% of Australian workers were employed as an apprentice or trainee.
- 11.9% of workers within the trades were employed as an apprentice or trainee.
- 16.4% of teenage workers (aged 15 to 19 years) were employed as an apprentice or trainee.
- 72.9% of teenagers working in trade occupations were employed as an apprentice or trainee.

*Table 9*

*Table 10*

*Table 10*

*Table 11*

## Individual completion rates

This publication presents individual completion rates for trade and non-trade occupations commencing in 2006–07. An estimate of individual completion rates for apprentices and trainees is derived by adjusting the contract completion rates by a factor representing the average recommencements in a particular occupation over a five-year period. Please see the technical notes section on page 6.

- The individual completion rate for trade apprentices and trainees who commenced their training during 2006 was 57.3%, compared with 54.4% for non-trade apprentices and trainees.

*Table 13*

## Duration of training

Duration of training refers to the period of time apprentices and trainees take to complete a contract of training.

For apprentices and trainees completing training at certificate III and above in the 12 months to 31 December 2011:

- 36.4% of trade apprentices and trainees completed their training in two years or less, compared with 23.9% in 2001.
- 93.7% of non-trade apprentices and trainees completed their training in two years or less, compared with 92.7% in 2001.

*Table 14*

*Table 15*

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For more information on concepts and definitions used in this publication, see **Terms** listed on page 18.

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## Technical notes

### Contract completion rates

Contract completion rates are used as the basis for deriving individual completion rates. If an individual commenced two or more contracts in the same year, each contract is counted separately when deriving the contract completion rate. Completion rates do not take into account continuing contracts or expired contracts where the outcome is unknown; therefore, the completion rates may be underestimated. Further details on the contract completion rate methodology can be found at <http://www.ncver.edu.au/publications/2388.html>.

NCVER has also undertaken further work on completion rates, in addition to the rates presented in this publication. A separate publication has been produced which presents completion and attrition rates for apprentices and trainees using three different methodologies: contract completion and attrition rates, individual completion rates, and projected contract completion and attrition rates based on a 'life tables' methodology. Further details on these methodologies and the resultant data tables can be found at <http://www.ncver.edu.au/publications/2506.html>.

### Estimation procedure

Figures on apprentice and trainee activity (such as commencements, completions and in-training) are based on the date of effect rather than the date of processing. Due to lags in processing, the most recent figures are estimated (for training activity from the June quarter 2010 to the December quarter 2011). The estimation method involves weighting recently processed numbers, based on average reporting lags. As estimates are revised for up to seven quarters, figures for the last two years may differ from those published in earlier or in subsequent reports. Figures in bold are actual numbers. Further details on the estimation methodology can be found at <http://www.ncver.edu.au/publications/2267.html>, while further information on the adjustment notes for recent collections can be found in the supporting documents at <http://www.ncver.edu.au/publications/2507.html>.

### Individual completion rates

An estimate of individual completion rates for apprentices and trainees is derived by adjusting the contract completion rates by a factor representing the average recommencements in a particular occupation over a five-year period. Individual completion rates by state and territory can be found in the 'data' tab at <http://www.ncver.edu.au/publications/2507.html>, while details on this methodology can be found at <http://www.ncver.edu.au/publications/2357.html>.

### Occupation (ANZSCO) group

This publication uses the Australian and New Zealand Standard Classification of Occupations (ANZSCO) for reporting. Occupation (ANZSCO) group data have only been collected in the AVETMIS Standard from the September quarter 2000. For reporting purposes, historical data dating back to the September quarter 1994 have been back-cast, based on current ANZSCO usage, training package and Australian Standard Classification of Occupations (ASCO) data previously collected. Further detail regarding the methodology can be found at <http://www.ncver.edu.au/publications/2266.html>.

### Seasonal adjustments

Seasonally adjusted data are also presented in this publication. This involves the use of a mathematical model to smooth out fluctuations due to seasonal influences. Seasonally adjusted data are useful to illustrate trends from one quarter to the next, but cannot be further disaggregated. Seasonally adjusted data in this publication were derived from the apprentices and trainees December 2011 quarterly publication, using the Apprentice and Trainee Collection, no.71, March 2012 estimates. These data were adjusted using X-11-ARIMA methodology and were then 7-point Henderson-smoothed. The seasonally adjusted data used in figures 1 and 2 are available in the data section at <http://www.ncver.edu.au/publications/2507.html>.



## Tables and figures

**Table 1 Apprentices and trainees by training contract status,<sup>1</sup> 2001–11 ('000)**

Training contract status	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Commencements	224.0	264.6	278.3	257.2	262.1	266.4	275.8	288.7	271.5	314.2	318.4
Completions	94.9	115.1	128.0	137.6	137.0	142.2	147.0	155.0	160.5	168.5	180.0
In-training	319.2	363.0	390.1	387.1	390.7	395.8	404.5	415.4	411.7	438.0	449.0
Cancellations/withdrawals <sup>2</sup>	94.0	107.0	126.3	126.5	126.1	126.6	131.9	134.3	122.6	131.3	138.6

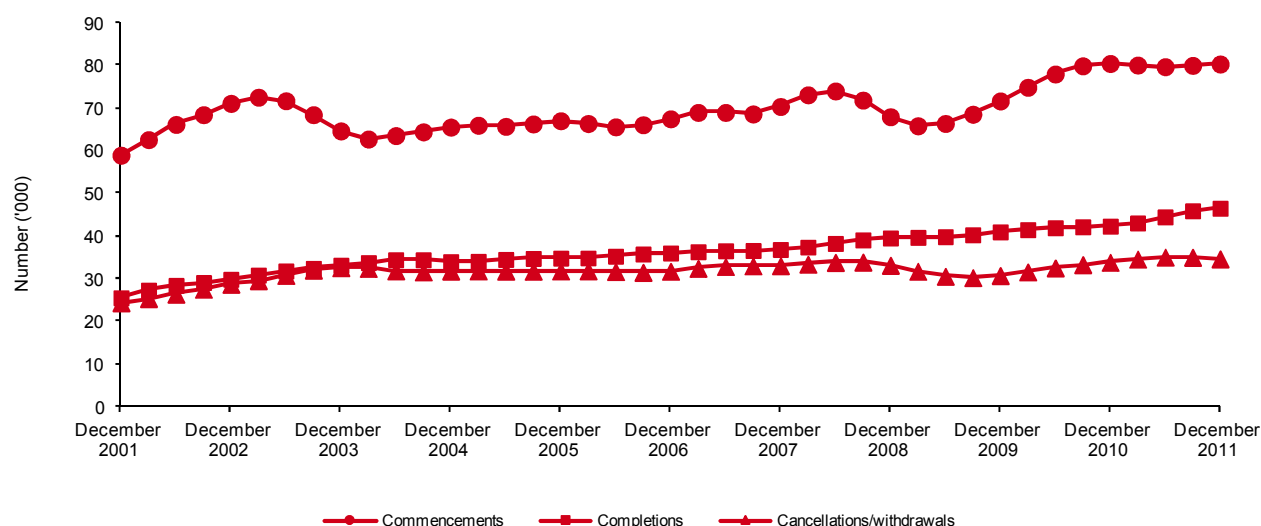
For notes on tables and figures, see page 19.

**Table 2 Apprentice and trainee commencements by state/territory, 2001–11 ('000)**

State/territory	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
New South Wales	65.3	74.1	79.0	70.0	72.7	76.5	82.0	90.1	85.3	96.8	90.5
Victoria	74.3	92.3	95.5	79.3	79.9	74.9	71.6	75.1	72.6	85.6	96.5
Queensland	41.5	47.2	51.0	51.3	52.7	57.5	63.0	61.0	55.9	64.5	64.5
South Australia	18.0	20.1	20.9	21.5	21.3	20.3	20.8	22.0	20.1	23.9	24.0
Western Australia	11.2	16.4	16.2	19.2	20.5	22.0	23.1	24.9	23.0	27.4	27.4
Tasmania	8.7	8.9	8.6	8.7	7.7	7.6	8.0	8.3	7.0	8.4	7.9
Northern Territory	1.8	2.0	1.9	2.3	2.4	2.3	2.5	2.5	2.7	2.7	2.7
Australian Capital Territory	3.3	3.5	5.2	4.9	4.8	5.4	4.9	4.7	5.0	4.9	5.0
<b>Australia</b>	<b>224.0</b>	<b>264.6</b>	<b>278.3</b>	<b>257.2</b>	<b>262.1</b>	<b>266.4</b>	<b>275.8</b>	<b>288.7</b>	<b>271.5</b>	<b>314.2</b>	<b>318.4</b>

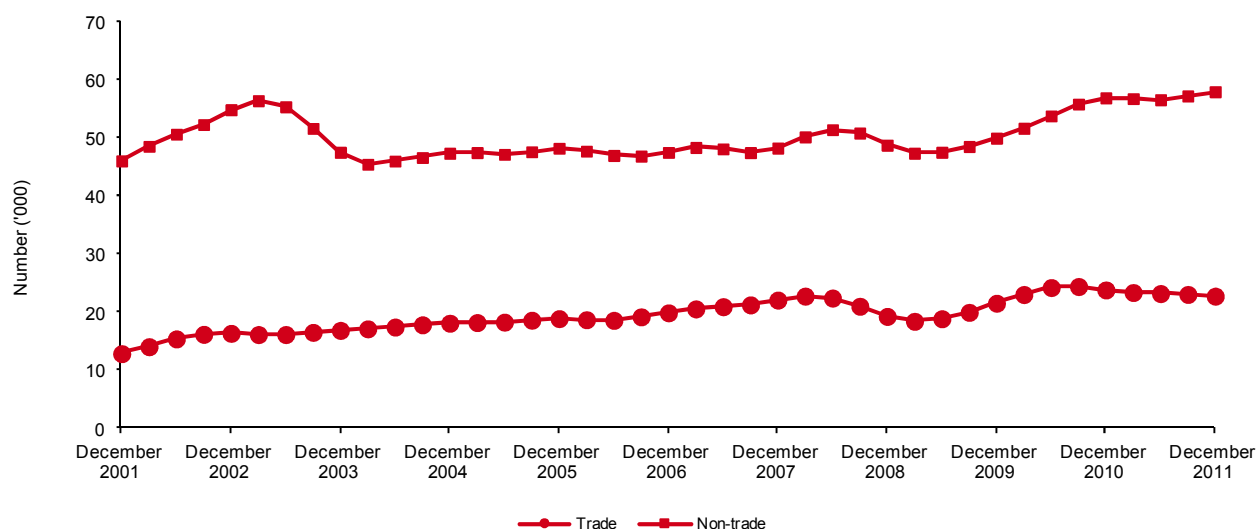
For notes on tables and figures, see page 19.

**Figure 1 Quarterly commencements, completions and cancellations/withdrawals,<sup>2</sup> seasonally adjusted,<sup>3</sup> 2001–11 ('000)**



For notes on tables and figures, see page 19.

**Figure 2 Quarterly commencements for trade and non-trade occupations,<sup>4,5</sup> seasonally adjusted,<sup>3</sup> 2001–11 ('000)**



For notes on tables and figures, see page 19.

**Table 3** Apprentice and trainee commencements by selected training characteristics,<sup>6</sup> 2002–11 ('000)

		2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Age	19 years and under	99.4	104.4	106.4	108.3	109.6	114.6	117.4	101.1	115.5	110.5
	20 to 24 years	49.2	48.5	45.0	45.7	46.3	48.2	48.6	45.5	54.1	56.1
	25 to 44 years	85.4	90.4	76.3	77.1	78.1	80.4	86.1	85.7	99.9	105.2
	45 years and over	30.6	35.0	29.5	31.0	32.4	32.7	36.6	39.2	44.6	46.7
Sex	Male	149.6	156.2	152.3	154.5	156.5	162.0	166.4	152.7	179.7	178.5
	Female	114.9	122.0	104.9	107.5	109.9	113.8	122.3	118.8	134.5	140.0
AQF qualification level	Certificate I or II	73.5	64.6	51.4	48.2	44.5	42.1	42.3	36.0	35.5	25.9
	Certificate III	170.1	188.5	178.0	185.1	187.4	196.1	199.4	177.0	203.9	206.2
	Certificate IV	20.4	24.3	27.1	27.9	33.4	35.1	43.2	54.3	58.9	56.5
	Diploma/advanced diploma	0.6	0.8	0.7	0.9	1.1	2.6	3.8	4.2	15.9	29.8
Full-time status	Full-time	190.6	200.9	190.9	193.9	197.2	203.8	207.3	189.2	222.9	220.5
	Part-time	73.8	77.4	66.4	68.2	69.2	72.0	81.4	82.3	91.3	97.9
Existing worker	Existing worker	71.1	80.2	66.0	67.2	69.1	71.0	78.0	88.3	103.8	113.1
	Newly commencing worker	193.2	197.9	191.1	194.9	197.3	204.9	210.7	183.2	210.4	205.3
School-based status	School-based	6.1	9.5	13.1	15.8	17.0	19.1	20.6	16.3	18.4	18.9
	Not school-based	258.5	268.8	244.1	246.3	249.4	256.8	268.2	255.3	295.8	299.5
Training package coverage	Training package	250.4	266.1	248.4	255.7	261.3	270.8	284.3	269.5	313.6	318.1
	Non-training package	14.2	12.2	8.9	6.3	5.1	5.0	4.4	2.0	0.5	0.3
<b>Total<sup>7</sup></b>		<b>264.6</b>	<b>278.3</b>	<b>257.2</b>	<b>262.1</b>	<b>266.4</b>	<b>275.8</b>	<b>288.7</b>	<b>271.5</b>	<b>314.2</b>	<b>318.4</b>

For notes on tables and figures, see page 19.

**Table 4** Apprentice and trainee commencements in trade occupations,<sup>4</sup> 2001–11 ('000)

Occupation (ANZSCO) group	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
31 Engineering, ICT and science technicians	2.5	6.9	5.7	2.2	2.5	2.6	3.0	3.4	3.8	5.2	7.7
32 Automotive and engineering trades workers	13.4	14.7	16.5	19.1	20.6	21.1	22.4	22.4	17.0	20.1	20.5
33 Construction trades workers	9.6	12.9	15.2	17.9	18.3	19.4	22.5	22.3	17.3	24.4	18.7
34 Electrotechnology and telecommunications trades workers	5.2	5.9	6.8	8.8	9.8	11.0	11.7	11.9	9.6	12.2	12.2
35 Food trades workers	8.1	8.3	8.7	9.1	8.7	9.3	9.8	9.7	9.8	10.6	9.4
36 Skilled animal and horticultural workers	3.3	3.4	3.4	3.7	4.0	3.7	3.8	4.7	3.9	5.3	5.1
39 Other technicians and trades workers	7.9	8.3	9.1	9.8	9.9	9.6	10.9	12.1	16.9	18.0	16.4
391 Hairdressers	4.0	4.0	4.5	5.2	5.5	5.4	6.0	5.7	5.4	6.1	5.0
392 Printing trades workers	0.7	0.7	0.8	0.7	0.7	0.7	0.6	0.7	0.6	0.8	0.8
393 Textile, clothing and footwear trades workers	0.4	0.5	0.4	0.3	0.3	0.3	0.2	0.2	0.1	0.2	0.1
394 Wood trades workers	1.6	2.0	2.1	2.0	2.0	2.0	2.2	2.1	1.5	2.0	1.7
399 Miscellaneous technicians and trades workers	1.2	1.1	1.3	1.5	1.4	1.3	1.9	3.4	9.2	8.9	8.8
<b>Total<sup>7</sup></b>	<b>50.1</b>	<b>60.3</b>	<b>65.4</b>	<b>70.8</b>	<b>73.7</b>	<b>76.7</b>	<b>84.1</b>	<b>86.6</b>	<b>78.2</b>	<b>95.8</b>	<b>90.2</b>

For notes on tables and figures, see page 19.

**Table 5** Apprentice and trainee commencements in non-trade occupations,<sup>5</sup> 2001–11 ('000)

Occupation (ANZSCO) group	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
<b>Managers</b>	1.9	2.2	2.3	2.3	2.6	2.9	4.6	5.6	5.6	15.6	27.4
11 Chief executives, general managers and legislators	0.1	0.1	0.0	-	-	-	-	-	-	-	-
12 Farmers and farm managers	0.9	0.9	0.9	1.1	1.2	0.9	0.9	1.0	1.1	1.3	1.7
13 Specialist managers	0.6	0.3	0.6	1.1	1.3	1.7	3.2	4.1	3.9	13.2	24.5
14 Hospitality, retail and service managers	0.4	0.9	0.7	0.1	0.1	0.3	0.5	0.5	0.6	1.0	1.2
<b>Professionals</b>	1.7	1.5	1.2	1.2	1.5	4.4	5.2	5.0	2.0	2.0	2.9
21 Arts and media professionals	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22 Business, human resource and marketing professionals	0.1	0.2	0.4	0.2	0.7	3.4	4.2	4.1	1.2	1.0	1.8
23 Design, engineering, science and transport professionals	0.2	0.2	0.2	0.3	0.3	0.2	0.2	0.3	0.4	0.5	0.5
24 Education professionals	0.3	0.3	0.2	0.3	0.3	0.4	0.4	0.5	0.4	0.4	0.6
25 Health professionals	1.0	0.8	0.4	0.4	0.2	0.3	0.3	0.0	0.0	0.0	0.0
26 ICT professionals	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27 Legal, social and welfare professionals	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
<b>Community and personal service workers</b>	31.7	37.1	38.9	38.1	38.5	38.7	41.1	43.1	43.2	43.9	47.6
41 Health and welfare support workers	0.4	0.8	1.4	2.5	2.4	3.1	3.2	4.4	4.6	4.8	5.7
42 Carers and aides	10.3	12.9	14.2	14.0	14.0	13.9	14.0	12.9	12.1	12.5	13.0
43 Hospitality workers	14.3	15.9	15.7	14.5	14.6	14.6	16.7	18.0	19.6	18.3	20.4
44 Protective service workers	5.3	5.4	5.0	3.8	3.9	3.0	2.9	3.0	1.0	1.1	0.9
45 Sports and personal service workers	1.3	2.2	2.7	3.3	3.7	4.2	4.4	4.8	5.8	7.1	7.6
<b>Clerical and administrative workers</b>	39.7	49.0	58.1	45.2	47.0	48.6	49.2	54.3	56.2	61.0	56.8
51 Office managers and program administrators	2.9	8.8	12.5	14.6	15.1	15.8	16.3	19.8	24.8	26.2	23.6
52 Personal assistants and secretaries	-	-	-	-	-	-	-	-	-	0.0	0.0
53 General clerical workers	21.8	24.1	29.5	16.8	16.0	15.4	15.0	14.5	11.7	12.2	11.4
54 Inquiry clerks and receptionists	9.7	9.6	9.5	7.5	7.9	8.7	9.3	10.5	9.5	11.1	11.8
55 Numerical clerks	3.4	4.7	4.1	3.0	4.1	3.9	3.6	4.6	5.3	6.5	5.3
56 Clerical and office support workers	0.5	0.1	-	-	-	-	-	-	-	-	-
59 Other clerical and administrative workers	1.4	1.7	2.5	3.2	3.8	4.8	4.9	5.0	4.9	4.9	4.6
<b>Sales workers</b>	43.8	50.4	48.4	39.7	39.9	40.2	38.8	43.4	40.2	47.8	45.4
61 Sales representatives and agents	3.0	2.5	2.2	2.1	2.4	2.3	1.7	1.7	3.2	5.0	4.3
62 Sales assistants and salespersons	40.8	47.8	46.0	37.6	37.5	37.8	37.1	41.8	37.0	42.7	41.0
63 Sales support workers	0.1	0.1	0.1	0.0	-	0.0	-	-	0.0	-	-
<b>Machinery operators and drivers</b>	26.0	32.4	30.6	31.2	30.0	28.1	27.4	25.9	22.6	22.5	21.1
71 Machine and stationary plant operators	3.6	4.5	6.4	11.3	9.6	7.3	7.1	6.0	4.2	3.6	2.9
72 Mobile plant operators	2.6	2.8	1.4	1.3	1.8	1.9	2.2	2.4	1.9	2.2	1.6
73 Road and rail drivers	9.0	13.3	9.8	8.8	8.3	8.4	7.7	8.7	8.0	8.8	7.4
74 Storepersons	10.8	11.8	13.0	9.9	10.4	10.4	10.3	8.8	8.4	7.8	9.1
<b>Labourers</b>	29.0	31.6	33.4	28.7	28.8	26.9	25.6	24.9	23.6	25.8	27.1
81 Cleaners and laundry workers	7.2	6.9	7.2	5.7	6.3	6.1	5.6	5.0	5.1	4.6	3.8
82 Construction and mining labourers	1.0	1.2	2.3	1.1	1.1	1.2	1.5	1.8	1.4	1.7	1.7
83 Factory process workers	12.9	14.8	15.4	13.7	13.2	12.6	11.0	11.2	11.3	13.5	16.5
84 Farm, forestry and garden workers	4.2	4.6	4.3	3.9	3.7	3.1	3.1	3.0	3.0	3.1	2.2
85 Food preparation assistants	0.6	0.6	0.7	0.7	1.0	0.5	0.5	0.4	0.4	0.3	0.4
89 Other labourers	3.1	3.5	3.2	3.2	3.1	3.0	3.6	3.4	2.4	2.4	2.5
<b>Total<sup>7</sup></b>	173.9	204.2	212.9	186.4	188.3	189.8	191.8	202.1	193.3	218.4	228.3

A dash (-) represents a true zero figure, with no contracts reported in these categories.

For notes on tables and figures, see page 19.

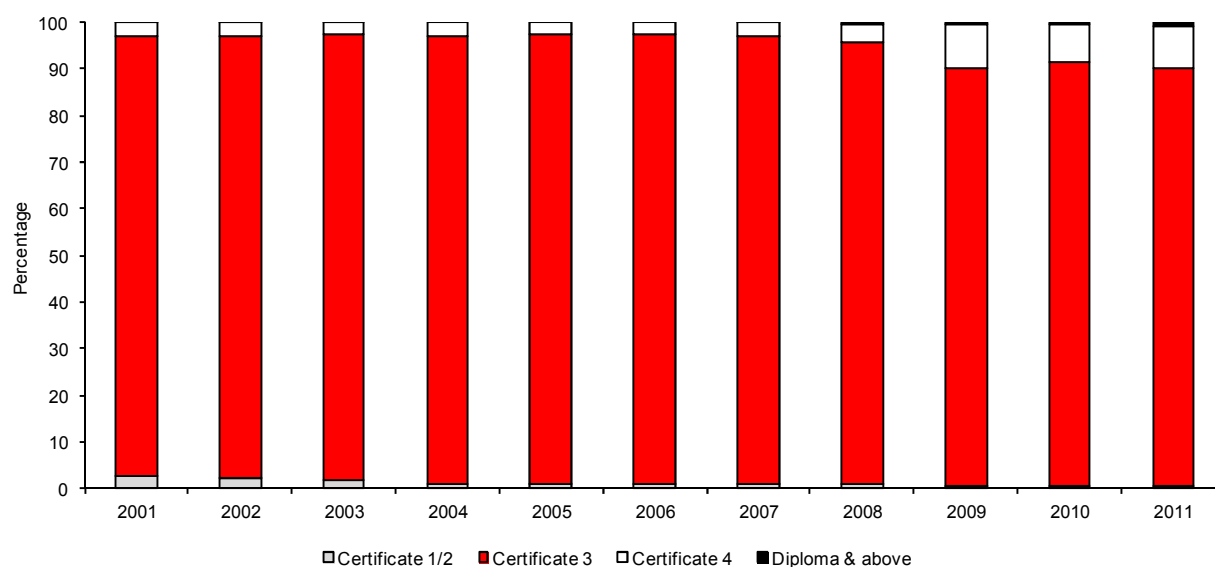
**Table 6 Apprentice and trainee commencements, trade and non-trade occupations,<sup>4,5</sup> by sex, age group, industry skills councils<sup>8</sup> and other selected training characteristics, 2011**

	Trades <sup>4</sup>		Non-trades <sup>5</sup>		Total	
	'000	%	'000	%	'000	%
<b>Male</b>						
19 years and under	40.6	45.0	23.2	10.2	63.8	20.0
20 to 24 years	14.0	15.6	16.2	7.1	30.2	9.5
25 to 29 years	7.4	8.2	13.4	5.9	20.8	6.5
30 to 44 years	10.3	11.5	30.0	13.1	40.3	12.7
45 years and over	4.6	5.1	18.8	8.2	23.4	7.3
<b>Female</b>						
19 years and under	6.4	7.1	40.3	17.7	46.7	14.7
20 to 24 years	2.2	2.5	23.7	10.4	25.9	8.1
25 to 29 years	1.0	1.1	13.3	5.8	14.3	4.5
30 to 44 years	1.9	2.1	27.9	12.2	29.8	9.4
45 years and over	1.7	1.9	21.5	9.4	23.3	7.3
<b>All</b>						
19 years and under	46.9	52.1	63.5	27.8	110.5	34.7
20 to 24 years	16.3	18.0	39.8	17.4	56.1	17.6
25 to 29 years	8.4	9.3	26.7	11.7	35.1	11.0
30 to 44 years	12.3	13.6	57.8	25.3	70.1	22.0
45 years and over	6.3	7.0	40.3	17.7	46.7	14.7
<b>Full-time status</b>						
Full-time	82.1	91.1	138.4	60.6	220.5	69.2
Part-time	8.1	8.9	89.9	39.4	97.9	30.8
<b>Existing worker</b>						
Existing worker	18.4	20.4	94.7	41.5	113.1	35.5
Newly commencing worker	71.8	79.6	133.5	58.5	205.3	64.5
<b>School-based status</b>						
School-based	4.7	5.2	14.2	6.2	18.9	5.9
Not school-based	85.5	94.8	214.1	93.8	299.5	94.1
<b>Industry skills councils<sup>8</sup></b>						
AgriFood	8.8	9.8	11.6	5.1	20.4	6.4
Auto Skills Australia	10.8	12.0	3.0	1.3	13.8	4.3
Community Services and Health	1.6	1.8	24.1	10.6	25.7	8.1
Construction and Property Services	18.4	20.4	7.4	3.2	25.8	8.1
ElectroComms and Energy Utilities	11.5	12.7	0.1	0.1	11.6	3.6
ForestWorks	0.0	0.0	0.5	0.2	0.5	0.2
Government	0.0	0.0	2.1	0.9	2.1	0.7
Innovation and Business	4.4	4.9	74.5	32.6	78.9	24.8
Manufacturing	19.1	21.2	10.9	4.8	29.9	9.4
Service	11.2	12.4	70.4	30.8	81.5	25.6
SkillsDMC	4.2	4.7	3.0	1.3	7.2	2.3
Transport and Logistics	-	-	20.5	9.0	20.5	6.4
Training packages not assigned to industry skills councils <sup>8</sup>	-	-	-	-	-	-
<b>Total<sup>7</sup></b>	90.2	100.0	228.3	100.0	318.4	100.0

A dash (-) represents a true zero figure, with no contracts reported in these categories.

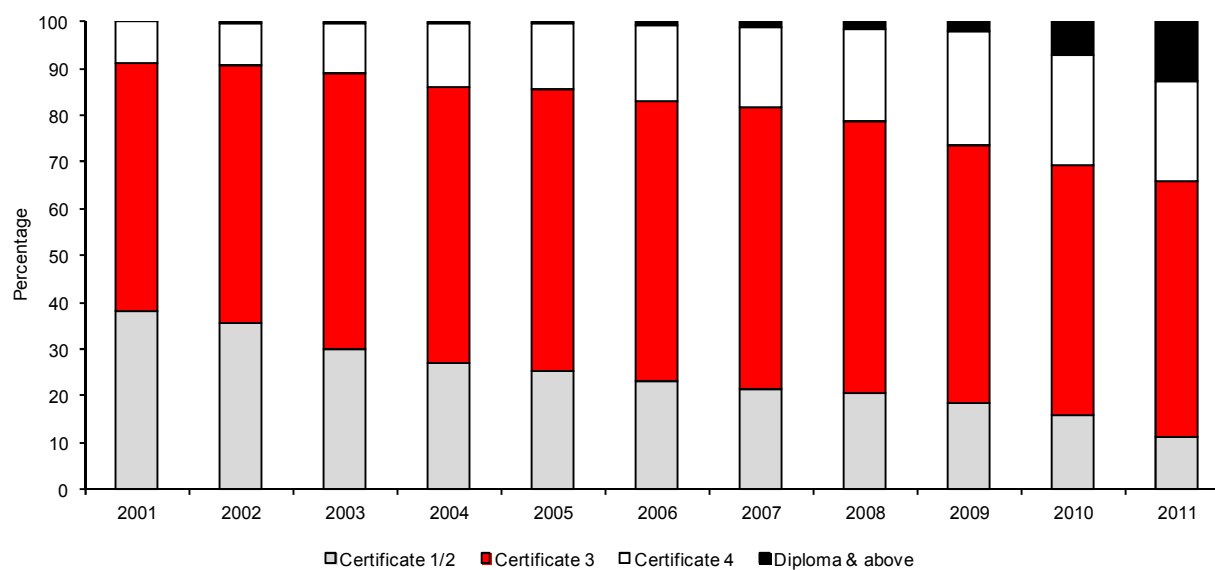
For notes on tables and figures, see page 19.

**Figure 3** Apprenticeship and trainee commencements, trade occupations,<sup>4</sup> by AQF qualification level, 2001–11 (%)



For notes on tables and figures, see page 19.

**Figure 4** Apprenticeship and trainee commencements, non-trade occupations,<sup>5</sup> by AQF qualification level, 2001–11 (%)



For notes on tables and figures, see page 19.

**Table 7 Apprentice and trainee commencements in trade occupations,<sup>4</sup> by state/territory and ten most popular training packages, 2011 ('000)**

Training package	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Australia
Construction, Plumbing & Services Integrated Framework (BCF, BCG, BCP, CPC)	4.7	7.0	3.1	1.0	1.6	0.5	0.1	0.4	18.4
Electrotechnology (UEE, UTE, UTL)	3.0	2.6	2.5	0.8	1.3	0.1	0.2	0.2	10.8
Automotive Industry Retail, Service and Repair (AUR)	3.2	2.4	2.2	0.8	1.4	0.2	0.2	0.1	10.4
Metal and Engineering (MEM)	1.9	1.7	3.0	0.6	2.1	0.2	0.1	0.0	9.6
Tourism, Hospitality and Events (SIT, THH, THT)	1.8	1.7	1.2	0.4	0.4	0.3	0.0	0.1	5.9
Hairdressing (SIH, WRH)	1.5	1.2	1.2	0.4	0.5	0.1	0.0	0.2	5.0
Manufacturing (MCM, MSA)	1.2	1.7	1.2	0.2	0.5	-	-	-	4.8
Resources and Infrastructure (BCC, DRT, MNC, MNM, MNQ, RII)	0.8	0.6	1.4	0.5	0.7	0.1	0.1	0.0	4.2
Agriculture, Horticulture and Conservation and Land Management (AHC, RTD, RTE, RTF, RUA, RUH)	1.3	1.4	0.6	0.5	0.2	0.1	0.0	0.0	4.2
Furnishing (LMF)	0.6	0.7	0.5	0.1	0.3	0.1	0.0	0.0	2.4
Other training packages	4.1	2.8	3.8	1.2	1.7	0.3	0.2	0.2	14.3
Training package	24.1	23.7	20.9	6.6	10.6	1.9	1.0	1.3	90.1
Non-training package	0.0	0.0	0.0	0.0	0.0	0.0	-	-	0.1
<b>Total</b>	<b>24.1</b>	<b>23.7</b>	<b>20.9</b>	<b>6.6</b>	<b>10.6</b>	<b>1.9</b>	<b>1.0</b>	<b>1.3</b>	<b>90.2</b>

A dash (-) represents a true zero figure, with no contracts reported in these categories.

For notes on tables and figures, see page 19.

**Table 8 Apprentice and trainee commencements in non-trade occupations,<sup>5</sup> by state/territory and ten most popular training packages, 2011 ('000)**

Training package	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Australia
Business Services (BSA, BSB)	21.1	19.1	15.6	5.6	3.2	1.9	0.3	0.7	67.3
Retail Services (SIR, WRP, WRR, WRW)	9.2	17.1	6.9	3.4	2.4	1.2	0.2	0.3	40.7
Tourism, Hospitality and Events (SIT, THH, THT)	7.2	8.8	4.0	0.9	1.5	0.6	0.2	0.4	23.6
Community Services (CHC)	7.9	4.7	3.5	0.9	2.2	0.7	0.3	0.8	21.0
Transport and Logistics (TDT, TLI)	7.1	5.0	2.8	2.0	2.2	0.4	0.1	0.1	19.7
Manufacturing (MCM, MSA)	1.3	6.8	0.4	0.5	0.4	-	-	-	9.4
Financial Services (FNA, FNB, FNS)	2.2	1.3	1.3	0.5	0.4	0.1	0.1	0.0	5.9
Sport, Fitness and Recreation (SIS, SRC, SRF, SRO, SRS)	0.5	2.1	1.9	0.1	0.2	0.0	0.0	0.1	5.0
Australian Meat Industry (MTM)	0.9	0.8	1.5	0.6	0.2	0.1	0.0	0.0	4.1
Asset Maintenance (PRM)	1.4	0.9	0.9	0.3	0.4	0.1	0.0	0.2	4.1
Other training packages	7.8	6.2	4.7	2.7	3.7	0.7	0.4	1.0	27.2
Training package	66.4	72.7	43.5	17.4	16.7	6.0	1.7	3.6	228.1
Non-training package	0.0	0.1	0.1	0.0	0.0	0.0	-	-	0.2
<b>Total</b>	<b>66.5</b>	<b>72.8</b>	<b>43.6</b>	<b>17.4</b>	<b>16.8</b>	<b>6.0</b>	<b>1.7</b>	<b>3.6</b>	<b>228.3</b>

A dash (-) represents a true zero figure, with no contracts reported in these categories.

For notes on tables and figures, see page 19.

## Training rates

**Table 9** Apprentice and trainee training rates,<sup>9</sup> 2001–11

Year	Apprentices and trainees in-training <sup>10</sup> (‘000)	Employed persons (‘000)	Apprentice and trainee training rate (%)
2001	318.9	9 253.7	3.4
2002	362.7	9 527.7	3.8
2003	389.7	9 669.8	4.0
2004	386.7	9 916.6	3.9
2005	390.3	10 200.6	3.8
2006	395.3	10 545.4	3.7
2007	404.1	10 857.0	3.7
2008	415.0	11 051.5	3.8
2009	411.4	11 186.6	3.7
2010	437.7	11 555.2	3.8
2011	448.8	11 553.0	3.9

For notes on tables and figures, see page 19.

Source for employed persons: ABS, *Labour force, Australia, detailed*, electronic delivery, March 2012, cat.no.6291.0.55.001.

**Table 10** Apprentice and trainee training rates by selected characteristics, 2001–11 (%)

Year	Total apprentices and trainees as a proportion of total employment <sup>9</sup>	Full-time apprentices and trainees as a proportion of full-time employment <sup>9</sup>	Trade apprentices and trainees as a proportion of trade employment <sup>11,12</sup>	15 to 19-year-old apprentices and trainees as a proportion of employment for 15 to 19-year-olds <sup>9</sup>
2001	3.4	3.8	9.5	14.1
2002	3.8	4.1	10.1	14.7
2003	4.0	4.3	10.0	15.2
2004	3.9	4.2	10.7	15.8
2005	3.8	4.3	11.3	16.6
2006	3.7	4.2	11.6	16.4
2007	3.7	4.2	11.9	16.3
2008	3.8	4.2	12.1	16.9
2009	3.7	4.1	12.5	16.3
2010	3.8	4.2	12.2	16.7
2011	3.9	4.2	11.9	16.4

For notes on tables and figures, see page 19.

Sources for employed persons: ABS, *Labour force, Australia, detailed*, electronic delivery, March 2012, cat.no.6291.0.55.001; ABS, *Labour force, Australia, detailed, quarterly, February 2012*, cat.no.6291.0.55.003.

**Table 11** Apprentice and trainee training rates<sup>12</sup> by occupation, by sex and age group,<sup>13</sup> 2011 (%)

Occupation (ANZSCO) group	Male				Female				Total			
	15–19	20–24	25–44	45+	15–19	20–24	25–44	45+	15–19	20–24	25–44	45+
Managers	11.2	3.8	1.7	0.5	14.3	15.3	4.0	1.8	12.7	9.0	2.6	0.9
Professionals	2.2	0.4	0.1	0.1	0.6	0.2	0.1	0.1	1.3	0.3	0.1	0.1
Technicians and trades workers	75.1	31.0	5.7	1.7	60.7	22.8	4.4	3.5	72.9	30.0	5.5	1.9
Community and personal service workers	15.6	5.6	3.0	1.8	13.0	6.5	3.7	2.8	13.7	6.2	3.4	2.5
Clerical and administrative workers	17.7	9.9	7.1	3.2	19.4	6.1	2.9	1.6	19.1	6.9	4.0	2.0
Sales workers	8.2	5.1	3.1	1.4	6.3	5.5	3.4	1.9	6.8	5.4	3.3	1.7
Machinery operators and drivers	5.0	5.4	4.1	2.6	4.0	8.5	6.7	3.0	4.9	5.7	4.3	2.6
Labourers	3.1	2.6	2.7	2.1	1.5	1.6	2.2	2.0	2.7	2.3	2.6	2.1
<b>All occupations</b>	24.6	13.3	3.2	1.4	10.8	6.1	2.4	1.6	17.5	9.9	2.9	1.5

For notes on tables and figures, see page 19.

Source for employed persons: ABS, *Labour force, Australia, detailed, quarterly, February 2012*, cat.no.6291.0.55.003.

**Table 12** Apprentices and trainee training rates<sup>12</sup> in selected trade occupations,<sup>4</sup> 2001–11

Year	Occupation (ANZSCO) group										Total trades <sup>4</sup>
	Engineering, ICT and science technicians	Automotive and engineering	Construction trades workers	Electro-technology and telecommunications trades workers	Food trades workers	Skilled animal and horticultural workers	Hair-dressers	Printing trades workers	Textile, clothing and footwear trades workers	Wood trades workers	
Apprentices and trainees in-training <sup>10</sup> ('000)											
2001	3.5	38.8	29.1	16.0	16.8	6.0	10.1	2.1	0.7	4.4	129.6
2002	6.9	39.6	31.6	16.7	17.3	6.2	10.4	2.1	0.8	4.6	138.5
2003	4.1	41.8	35.2	18.0	17.7	6.1	10.9	1.9	0.8	4.6	143.7
2004	3.4	45.8	40.5	21.3	18.1	6.1	11.9	1.8	0.6	4.7	157.1
2005	3.3	50.5	45.5	25.4	18.5	6.4	12.4	1.8	0.6	4.9	172.2
2006	3.6	52.8	49.5	29.7	18.7	6.3	12.8	1.8	0.5	4.9	183.3
2007	3.9	55.3	53.3	33.1	18.8	6.7	13.2	1.7	0.4	5.0	194.4
2008	4.7	56.1	55.0	34.8	18.6	7.5	12.7	1.7	0.3	4.9	201.0
2009	5.1	52.4	52.1	33.7	18.7	7.3	12.3	1.6	0.3	4.4	198.4
2010	6.6	51.3	55.3	34.6	18.9	8.4	11.8	1.7	0.3	4.4	206.5
2011	9.3	50.3	50.6	34.2	17.9	8.9	10.5	1.7	0.3	4.1	200.5
Employed persons ('000)											
2001	166.3	345.3	289.3	159.9	132.6	87.3	47.5	25.8	21.3	37.9	1 364.2
2002	169.1	328.4	291.5	187.3	116.9	91.4	48.0	35.3	22.5	37.8	1 376.5
2003	175.7	352.1	303.5	183.8	134.3	99.2	45.9	33.4	18.9	34.4	1 431.6
2004	189.1	333.1	331.2	192.1	131.9	98.1	50.1	28.2	19.4	35.2	1 474.5
2005	195.7	342.0	345.5	192.2	132.8	113.9	53.6	26.5	20.1	38.9	1 523.4
2006	216.9	345.9	358.0	208.7	135.9	113.3	57.0	27.3	22.3	29.3	1 585.1
2007	227.1	363.9	354.5	213.3	152.8	115.4	64.2	28.8	17.7	33.9	1 636.2
2008	223.5	374.3	381.1	220.0	151.1	109.9	60.8	26.5	18.4	33.6	1 666.1
2009	219.5	351.8	348.8	210.1	147.2	109.9	57.4	26.5	15.5	30.8	1 586.1
2010	223.6	370.5	382.1	244.3	160.2	110.7	58.6	26.9	13.5	33.2	1 687.3
2011	233.0	362.1	381.6	224.1	171.7	124.4	59.4	21.9	15.9	33.7	1 690.1
Training rates (%)											
2001	2.1	11.2	10.1	10.0	12.7	6.9	21.3	8.2	3.4	11.5	9.5
2002	4.1	12.1	10.8	8.9	14.8	6.8	21.7	5.8	3.6	12.2	10.1
2003	2.3	11.9	11.6	9.8	13.2	6.2	23.6	5.8	4.1	13.3	10.0
2004	1.8	13.7	12.2	11.1	13.8	6.2	23.6	6.4	3.0	13.4	10.7
2005	1.7	14.8	13.2	13.2	13.9	5.6	23.1	6.8	2.8	12.7	11.3
2006	1.7	15.3	13.8	14.2	13.8	5.5	22.4	6.5	2.3	16.7	11.6
2007	1.7	15.2	15.0	15.5	12.3	5.8	20.6	5.8	2.5	14.9	11.9
2008	2.1	15.0	14.4	15.8	12.3	6.8	20.9	6.3	1.8	14.5	12.1
2009	2.3	14.9	14.9	16.0	12.7	6.6	21.5	6.1	1.9	14.3	12.5
2010	2.9	13.8	14.5	14.2	11.8	7.6	20.1	6.2	2.0	13.3	12.2
2011	4.0	13.9	13.3	15.3	10.4	7.2	17.7	7.9	1.7	12.0	11.9

For notes on tables and figures, see page 19.

Source for employed persons: ABS, *Labour force, Australia, detailed, quarterly, February 2012*, cat.no.6291.0.55.003.



## Individual completion rates

These completion rates are based on completion rates for contracts of training adjusted by a recommencement factor.

**Table 13 Individual completion rates, based on a recommencement adjustment factor, for trade<sup>4</sup> and non-trade<sup>5</sup> occupations commencing in 2006–07**

Occupation (ANZSCO) group	2006			2007		
	Average annual adjustment factor	Contract completion rates <sup>14</sup>	Individual completion rates	Average annual adjustment factor	Contract completion rates <sup>14</sup>	Individual completion rates
		%	%		%	%
<b>Managers</b>	1.04	52.2	54.5	1.03	52.5	54.3
11 Chief executives, general managers and legislators	-	-	-	-	-	-
12 Farmers and farm managers	1.07	55.7	59.5	1.06	55.8	59.4
13 Specialist managers	1.04	49.9	52.1	1.03	52.1	53.8
14 Hospitality, retail and service managers	1.01	54.1	54.4	1.01	48.5	48.9
<b>Professionals</b>	1.03	59.7	61.3	1.03	57.5	59.2
21 Arts and media professionals	1.00	60.0*	60.0*	1.00	50.0*	50.0*
22 Business, human resource and marketing professionals	1.02	61.6	62.8	1.02	56.6	57.9
23 Design, engineering, science and transport professionals	1.08	53.7	58.2	1.08	62.0	66.7
24 Education professionals	1.02	62.2	63.5	1.01	68.4	69.2
25 Health professionals	1.09	42.7	46.7	1.12	50.5	56.8
26 ICT professionals	1.02	54.5*	55.7*	1.01	50.0*	50.7*
27 Legal, social and welfare professionals	1.02	50.0*	50.8*	1.01	100.0*	100.0*
<b>Technicians and trades workers</b>	1.24	46.2	57.3	1.24	44.7	55.4
31 Engineering, ICT and science technicians	1.04	58.0	60.2	1.03	59.1	61.0
32 Automotive and engineering	1.19	51.4	61.1	1.20	48.6	58.3
33 Construction trades workers	1.29	46.2	59.7	1.30	43.8	57.2
34 Electrotechnology and telecommunications trades workers	1.22	57.0	69.3	1.23	55.0	67.5
35 Food trades workers	1.40	27.5	38.6	1.40	27.7	38.7
36 Skilled animal and horticultural workers	1.09	47.1	51.5	1.09	45.0	49.2
39 Other technicians and trades workers	1.24	41.7	51.5	1.21	42.6	51.5
391 Hairdressers	1.44	37.6	54.0	1.43	38.8	55.4
392 Printing trades workers	1.07	57.9	62.1	1.06	58.2	61.9
393 Textile, clothing and footwear trades workers	1.07	47.6	51.2	1.11	44.9	50.0
394 Wood trades workers	1.21	43.0	52.0	1.21	39.6	48.1
399 Miscellaneous	1.04	53.1	55.3	1.03	56.8	58.7
<b>Community and personal service workers</b>	1.05	55.3	57.9	1.05	55.8	58.4
41 Health and welfare support workers	1.04	60.7	62.8	1.04	61.8	64.1
42 Carers and aides	1.05	63.9	67.0	1.05	62.9	66.0
43 Hospitality workers	1.05	45.6	47.9	1.05	46.9	49.3
44 Protective service workers	1.02	62.5	63.8	1.02	67.1	68.4
45 Sports and personal service workers	1.05	51.8	54.2	1.04	55.3	57.4
<b>Clerical and administrative workers</b>	1.03	56.0	57.4	1.02	55.6	57.0
51 Office managers and program administrators	1.02	55.1	56.3	1.02	55.1	56.3
52 Personal assistants and secretaries	-	-	-	-	-	-
53 General clerical workers	1.04	61.1	63.4	1.04	61.6	63.8
54 Inquiry clerks and receptionists	1.02	48.0	48.9	1.02	46.0	47.1
55 Numerical clerks	1.02	55.5	56.4	1.02	54.7	55.5
56 Clerical and office support workers	-	-	-	-	-	-
59 Other clerical and administrative workers	1.02	56.9	58.1	1.02	57.1	58.2
<b>Sales workers</b>	1.04	44.2	45.7	1.03	46.7	48.2
61 Sales representatives and agents	1.04	46.0	48.1	1.04	46.8	48.7
62 Sales assistants and salespersons	1.03	44.1	45.6	1.03	46.7	48.1
63 Sales support workers	1.00	7.7*	7.7*	-	-	-
<b>Machinery operators and drivers</b>	1.03	56.6	58.6	1.03	58.0	59.9
71 Machine and stationary plant operators	1.03	56.8	58.3	1.03	58.9	60.7
72 Mobile plant operators	1.02	55.0	56.2	1.02	55.3	56.4
73 Road and rail drivers	1.05	55.7	58.5	1.04	55.8	58.0
74 Storepersons	1.03	57.5	59.2	1.03	59.7	61.5
<b>Labourers</b>	1.03	49.8	51.5	1.03	51.1	52.9
81 Cleaners and laundry workers	1.05	61.7	64.8	1.05	60.8	63.9
82 Construction and mining labourers	1.02	46.5	47.6	1.02	49.1	50.2
83 Factory process workers	1.04	46.2	47.8	1.03	46.7	48.3
84 Farm, forestry and garden workers	1.03	51.7	53.1	1.03	53.8	55.3
85 Food preparation assistants	1.04	28.7	29.7	1.04	36.5	37.9
89 Other labourers	1.02	45.6	46.6	1.02	50.5	51.7
<b>Total non-trade occupations<sup>5</sup></b>	1.03	52.6	54.4	1.03	53.5	55.3
<b>Total trade occupations<sup>4</sup></b>	1.24	46.2	57.3	1.24	44.7	55.4
<b>All occupations</b>	1.10	50.5	55.3	1.09	50.5	55.3

For notes on tables and figures, see page 19.

A dash (-) represents a true zero figure, with no contracts reported in these categories, while an asterisk (\*) indicates that a completion rate is based on fewer than 50 contracts of training and should be used with caution.

## Duration of training

**Table 14** Apprentice and trainee completions in trade occupations,<sup>4</sup> certificate III or above, by duration of training, 2001–11

Year	Up to 1 year		Over 1 and up to 2 years		Over 2 and up to 3 years		Over 3 and up to 4 years		Over 4 years		Total trades <sup>4</sup>
	'000	%	'000	%	'000	%	'000	%	'000	%	'000
2001	2.7	10.6	3.3	13.3	3.4	13.5	14.4	57.7	1.2	4.9	25.0
2002	3.5	12.5	3.6	12.8	4.3	15.3	15.0	53.5	1.6	5.9	28.0
2003	4.3	14.1	4.5	14.7	4.3	13.9	15.8	51.1	1.9	6.2	30.9
2004	3.5	11.6	5.0	16.8	4.8	16.1	14.7	49.0	2.0	6.5	30.0
2005	3.7	12.3	4.8	15.8	5.1	17.1	14.7	48.9	1.8	5.8	30.0
2006	4.0	11.5	5.7	16.5	6.0	17.2	17.1	49.3	1.9	5.6	34.8
2007	4.6	11.9	6.0	15.4	6.8	17.4	19.5	49.8	2.2	5.6	39.1
2008	4.9	11.3	6.6	15.3	7.2	16.6	22.3	51.3	2.4	5.5	43.4
2009	5.5	11.9	7.7	16.7	8.3	17.9	22.2	48.0	2.6	5.5	46.2
2010	6.8	13.2	9.0	17.3	9.5	18.3	23.7	45.9	2.7	5.3	51.8
2011	7.9	14.2	12.3	22.2	9.0	16.3	23.4	42.3	2.8	5.0	55.4

For notes on tables and figures, see page 19.

**Table 15** Apprentice and trainee completions in non-trade occupations,<sup>5</sup> certificate III or above, by duration of training, 2001–11

Year	Up to 1 year		Over 1 and up to 2 years		Over 2 and up to 3 years		Over 3 and up to 4 years		Over 4 years		Total non-trades <sup>5</sup>
	'000	%	'000	%	'000	%	'000	%	'000	%	'000
2001	20.9	53.9	15.0	38.8	2.4	6.1	0.4	1.0	0.1	0.2	38.8
2002	23.1	41.9	26.3	47.8	5.0	9.1	0.6	1.1	0.0	0.1	55.0
2003	26.4	41.7	28.7	45.3	7.0	11.0	1.2	1.9	0.1	0.1	63.4
2004	29.1	37.0	39.0	49.6	9.1	11.6	1.3	1.6	0.2	0.2	78.7
2005	29.5	36.1	40.9	50.0	9.9	12.1	1.3	1.6	0.1	0.2	81.7
2006	34.0	40.3	41.3	48.9	7.6	9.0	1.4	1.7	0.1	0.1	84.5
2007	37.0	43.1	41.0	47.7	6.5	7.6	1.2	1.4	0.2	0.2	85.9
2008	40.8	45.4	41.9	46.6	6.1	6.7	1.0	1.1	0.1	0.1	89.9
2009	43.2	46.8	42.1	45.7	5.8	6.3	1.1	1.1	0.1	0.1	92.3
2010	43.9	45.7	44.9	46.8	6.0	6.2	1.1	1.1	0.1	0.1	95.9
2011	54.0	51.3	44.7	42.4	5.5	5.2	1.0	1.0	0.1	0.1	105.3

For notes on tables and figures, see page 19.

**Table 16 Apprentice and trainee completions in selected trade occupations,<sup>4</sup> certificate III or above with a duration of training of two years and under, 2001–11 (%)**

Year	Occupation (ANZSCO) group										Total trades <sup>4</sup>
	Engineering, ICT and science technicians	Automotive and engineering	Construction trades workers	Electro-technology and telecommunications trades workers	Food trades workers	Skilled animal and horticultural workers	Hair-dressers	Printing trades workers	Textile, clothing and footwear trades workers	Wood trades workers	
2001	70.9	16.0	17.9	14.9	37.9	36.2	33.2	10.9	74.2	14.8	23.9
2002	70.4	14.9	18.3	14.5	39.3	45.6	32.0	12.8	46.5	13.3	25.3
2003	88.4	17.2	18.1	13.6	40.6	51.8	34.1	10.5	56.2	15.0	28.8
2004	89.9	17.1	18.7	14.5	40.0	53.8	34.0	15.3	50.2	18.9	28.4
2005	83.8	17.9	19.0	17.2	40.9	55.8	34.0	7.8	40.5	16.6	28.1
2006	82.9	20.4	18.8	16.1	40.4	57.2	35.6	5.6	54.3	14.9	27.9
2007	79.6	18.0	20.6	19.1	38.5	54.4	35.9	11.7	58.0	14.5	27.2
2008	82.5	17.0	20.5	16.6	44.6	50.3	36.8	13.1	51.2	16.6	26.5
2009	82.5	18.0	20.7	16.4	44.0	53.8	34.7	16.1	62.0	15.8	28.6
2010	79.7	16.6	20.5	16.4	43.8	50.2	32.6	26.3	40.6	16.4	30.5
2011	84.5	19.0	23.0	17.6	48.6	51.8	36.1	28.3	45.9	18.0	36.4

For notes on tables and figures, see page 19.

**Table 17 Apprentice and trainee completions in non-trade occupations,<sup>5</sup> certificate III or above with a duration of training of two years and under, 2001–11 (%)**

Year	Occupation (ANZSCO) group							Total non-trades <sup>5</sup>
	Managers	Professionals	Community and personal service workers	Clerical and administrative workers	Sales workers	Machinery operators and drivers	Labourers	
2001	74.4	80.5	92.0	98.2	96.2	92.3	79.6	92.7
2002	73.2	83.0	91.6	97.3	94.5	78.8	78.9	89.7
2003	80.6	83.8	88.8	95.2	92.1	74.2	77.1	87.0
2004	74.5	82.6	89.6	94.1	90.1	75.1	77.2	86.6
2005	72.0	80.7	89.0	89.3	88.2	80.9	78.8	86.1
2006	79.1	81.5	89.7	92.7	89.6	86.8	82.5	89.2
2007	84.9	86.4	90.4	94.8	90.4	87.9	87.8	90.8
2008	86.5	90.5	92.6	95.2	92.0	87.3	89.3	92.0
2009	83.6	84.4	92.6	95.6	90.7	90.8	92.7	92.5
2010	83.2	78.0	92.2	95.4	93.0	90.4	94.0	92.6
2011	90.5	82.8	93.5	95.5	94.8	90.2	94.1	93.7

For notes on tables and figures, see page 19.

# Terms

**Australian Qualifications Framework (AQF)** is a national framework of credentials that covers qualifications from certificate I through to a doctoral degree. For more details on the AQF, go to <http://www.aqf.edu.au>.

**Australian and New Zealand Standard Classification of Occupations (ANZSCO)** is a classification of the occupation of individuals. The classification is based on the Australian Bureau of Statistics (ABS), Australian and New Zealand Standard Classification of Occupations (1st edition, ABS cat.no.1220.0).

**Cancellations and withdrawals** refers to apprentices and trainees whose contract of training has been terminated prior to a successful completion. Cancellation and withdrawal figures in Victoria and Tasmania also include contracts which have been transferred, due to a change in employer.

**Commencements** refers to apprentices and trainees starting a program of training. The date of commencement is the date that an apprentice or trainee's contract of training is registered or approved under the provisions of the relevant state/territory legislation.

**Completions** refers to apprenticeship or traineeship contracts of training in which all of the prescribed requirements have been met.

**Contract completion rates** refers to the proportion of apprentices and trainees who commenced a contract in a given period and who have since completed the requirements of training for that contract.

**Contract status** indicates the status of apprentice and trainee contracts of training, including the commencement, completion, and cancellation/withdrawal of contracts, and apprentices and trainees 'in-training'.

**Existing workers** refers to those apprentices and trainees who were employed by their current employer for more than three months full-time (or 12 months part-time/casual) prior to commencing their training contract.

**Full-time apprentices or trainees** are those whose ordinary hours of employment, including the training component, are at least the usual hours of employment for a full-time employee in that occupation.

**Individual completion rates** refers to estimates of individual completion rates for apprentices and trainees, derived by adjusting the original contract completion rates by a recommencement factor.

**Industry skills councils** are organisations representing particular industries. For more information on industry skills councils, go to <http://www.isc.org.au>. For more information on training packages developed by industry skills councils, go to <http://www.training.gov.au>.

**In-training** refers to apprentices and trainees who are actively training under the terms of their training contract and who have not completed, cancelled, withdrawn or suspended their training, nor had their training contract expire without meeting all of the prescribed requirements of their program.

**Newly commencing workers** are those who are not existing workers (that is, apprentices and trainees who were not employed by their current employer prior to commencing their training contract).

**Non-trades** refers to those apprentices and trainees employed in occupations outside the trades. Non-trades include all occupations listed under the Australian and New Zealand Standard Classification of Occupations (ANZSCO 1st edition) with the exception of major group 3 (Technicians and trades workers).

**Part-time apprentices or trainees** are defined as those whose ordinary hours of employment, including the training component, are less than full-time. Part-time provisions vary across Australia and across occupations, with 'part-time' defined by each state and territory.

**School-based** refers to those who commence an approved school-based apprenticeship or traineeship.

**Seasonal adjustment** refers to a mathematical model used in time series data to smooth out fluctuations attributable to seasonal influences.

**Trades** refers to those apprentices and trainees employed in trades occupations under major group 3 (Technicians and trades workers) of the Australian and New Zealand Standard Classification of Occupations (ANZSCO 1st edition).

**Training duration** indicates the amount of time that an apprentice or trainee takes to complete their contract of training from time of commencement.

**Training packages** are a set of nationally endorsed standards, guidelines and qualifications for training and for recognising and assessing skills. For more details on training packages, go to <http://www.training.gov.au>.

**Training rates** are the number of apprentices and trainees in-training as a proportion of the number of individuals employed. In calculating training rates, both in-training and employment figures exclude those below 15 years of age. Employment data are collected by the Australian Bureau of Statistics. For more details on labour force statistics, go to <http://www.abs.gov.au>.

## Notes on tables and figures

Due to the lags in processing numbers, recent quarter activity is estimated. Figures may be subject to error as they are based on a sample, not the total population. Figures in bold are actual numbers. See the supporting documents at <<http://www.ncver.edu.au/publications/2507.html>> for the standard errors on these estimates.

- 1 The number of apprentices and trainees in-training is shown as at 31 December, while the number of commencements, completions, cancellations and withdrawals is provided for the year ending 31 December.
- 2 The cancellation and withdrawal figures are inclusive of the contract status 'transferred' for Victoria and Tasmania, as contract transfers due to a change in employer were historically reported as cancellations or withdrawals.
- 3 The data presented in figures 1 and 2 have been seasonally adjusted and smoothed. For further information, please refer to the technical notes on page 6.
- 4 Trade occupations are defined as all major occupation group 3—Technicians and trades workers (ANZSCO 1st edition).
- 5 Non-trade occupations are defined as all ANZSCO 1st edition occupations with the exception of Technicians and trades workers (that is, major groups 1–2 and 4–8).
- 6 Due to the introduction of an existing worker flag and a full-time identifier in the Apprentice and Trainee Collection in 2002, this table is provided for 2002 to 2011 only.
- 7 Unknown data have not been reported, whereas the total includes all contracts, including those with unknown status. Hence, some figures may not sum to the total.
- 8 Industry skills councils represent particular industries and groups of training packages. For more information on how training packages are grouped by industry skills councils, see the supporting documents at <<http://www.ncver.edu.au/publications/2507.html>>.
- 9 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). See ABS, *Labour force, Australia, detailed*, electronic delivery, March 2012, cat.no.6291.0.55.001; and ABS, *Labour force, Australia, detailed, quarterly, February 2012*, cat.no.6291.0.55.003.
- 10 The number of apprentices and trainees in-training are those aged 15 years and over, whereas all ages are represented in table 1. Consequently, totals for in-training may differ from table 1.
- 11 Trade employment refers to those persons aged 15 years or over employed in a Technicians and trades workers occupation (ANZSCO 1st edition) group.
- 12 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 (that is, February, May, August and November).
- 13 The total training rate for 15 to 19-year-olds may differ from that presented in table 10 due to the employment data being sourced from the quarterly ABS publication rather than the monthly one. This is due to the fact that the number of employed persons by occupation is reported on a quarterly basis only.
- 14 Contract completion rates are derived for contracts of training for apprentices and trainees. If an individual commenced two or more contracts in the same year, each is counted separately. Contract completion rates do not take into account continuing contracts or expired contracts where the outcome is unknown. Further contract completion rate data are available in the supporting data tables at <<http://www.ncver.edu.au/publications/2507.html>>. For further details on the methodology, see the technical notes on page 6.







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