

# Apprentices and trainees 2017 - March quarter

## AUSTRALIA

Revised 5 September 2017



**275 200** In training as at 31 March 2017

-3.7% from March 2016



**2.3%**

of Australian workers were employed as an apprentice or trainee



**10.3%**

of employed workers within the trade occupations were an apprentice or trainee

### Commencements 12 months ending 31 March 2017

(% change from previous 12 months)



**166 700** Commencements

-1.9% from 2016



**106 800** Males

-4.1% from 2016



**72 300** Trades

-9.0% from 2016



**59 900** Females

+2.2% from 2016

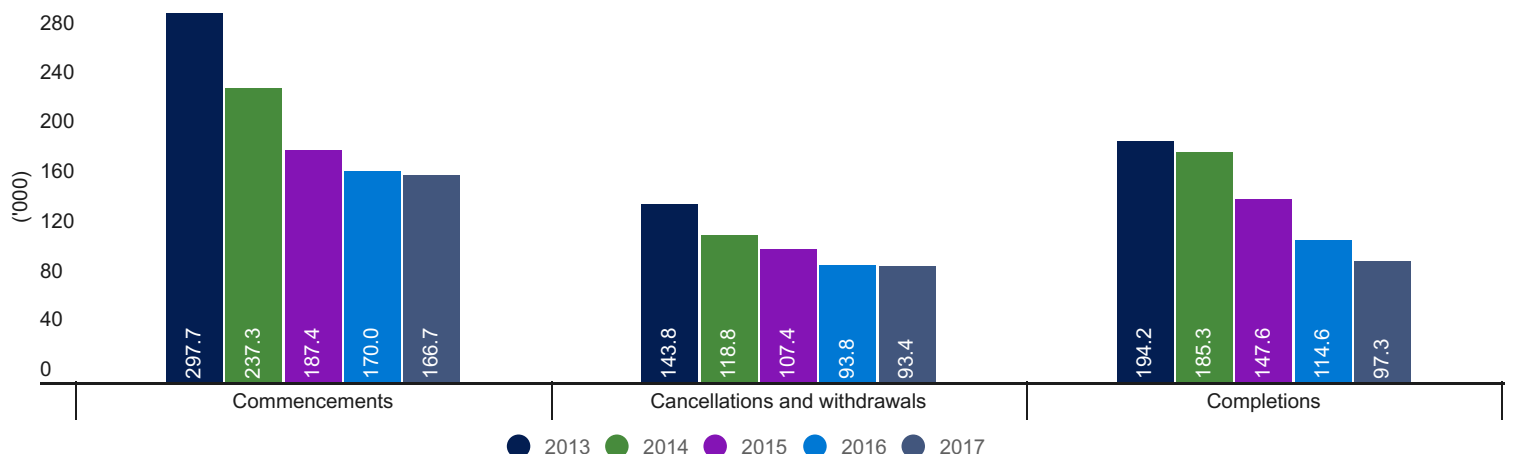


**94 400** Non-trades

+4.3% from 2016

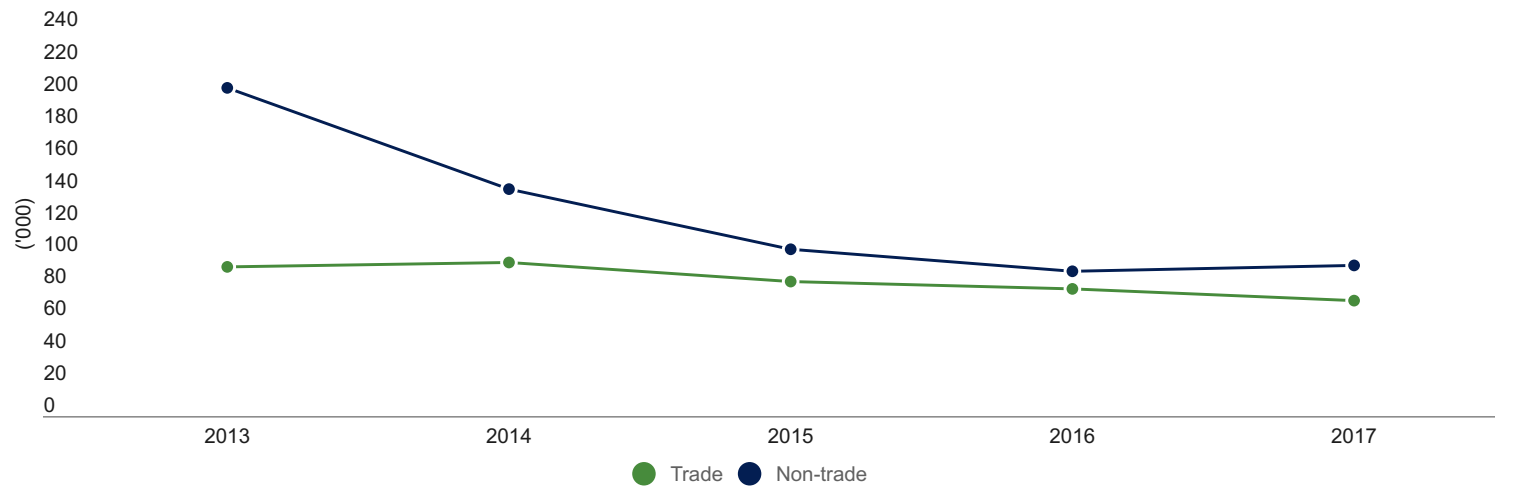
### Australia in summary

12 months ending 31 March ('000)

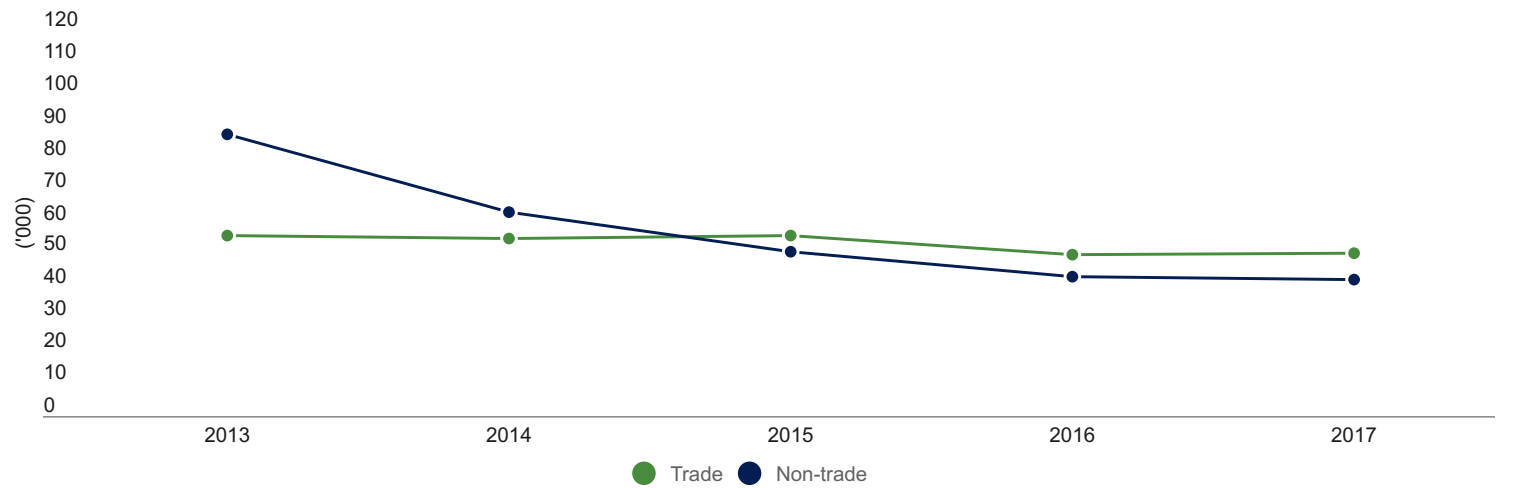


	2013 ('000)	2014 ('000)	2015 ('000)	2016 ('000)	2017 ('000)	2016 to 2017 (% change)	2013 to 2017 (% change)
Commencements	297.7	237.3	187.4	170.0	166.7	-1.9	-44.0
Cancellations/Withdrawals	143.8	118.8	107.4	93.8	93.4	-0.5	-35.1
Completion	194.2	185.3	147.6	114.6	97.3	-15.1	-49.9
In-training as at 31 March	435.3	377.0	315.9	285.7	275.2	-3.7	-36.8

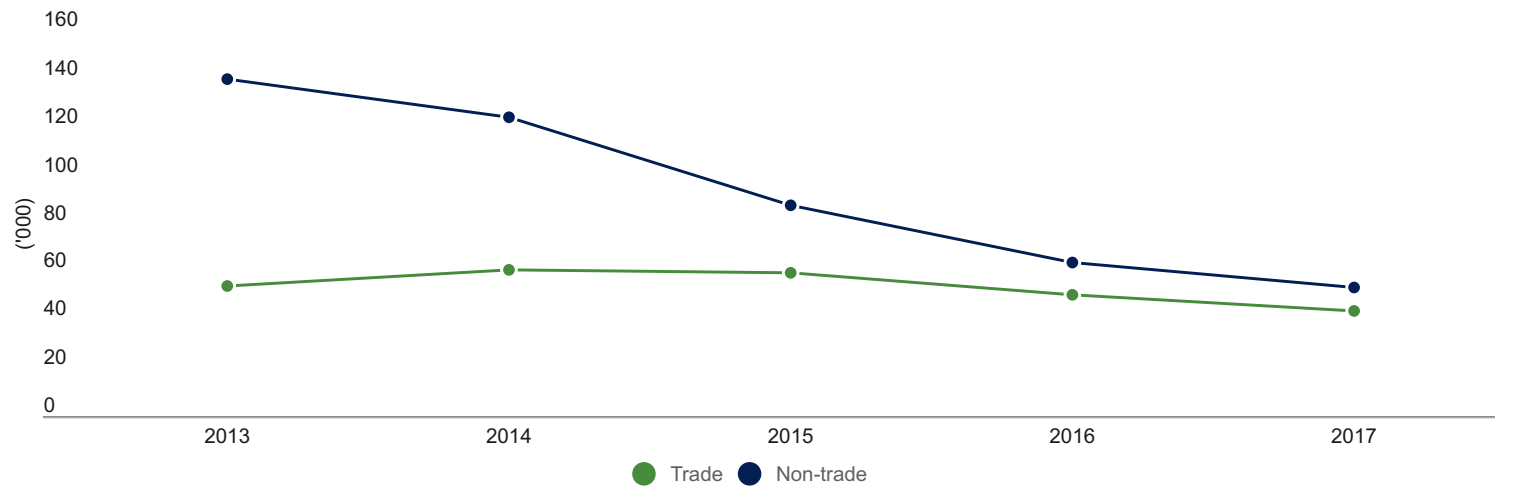
## Commencements



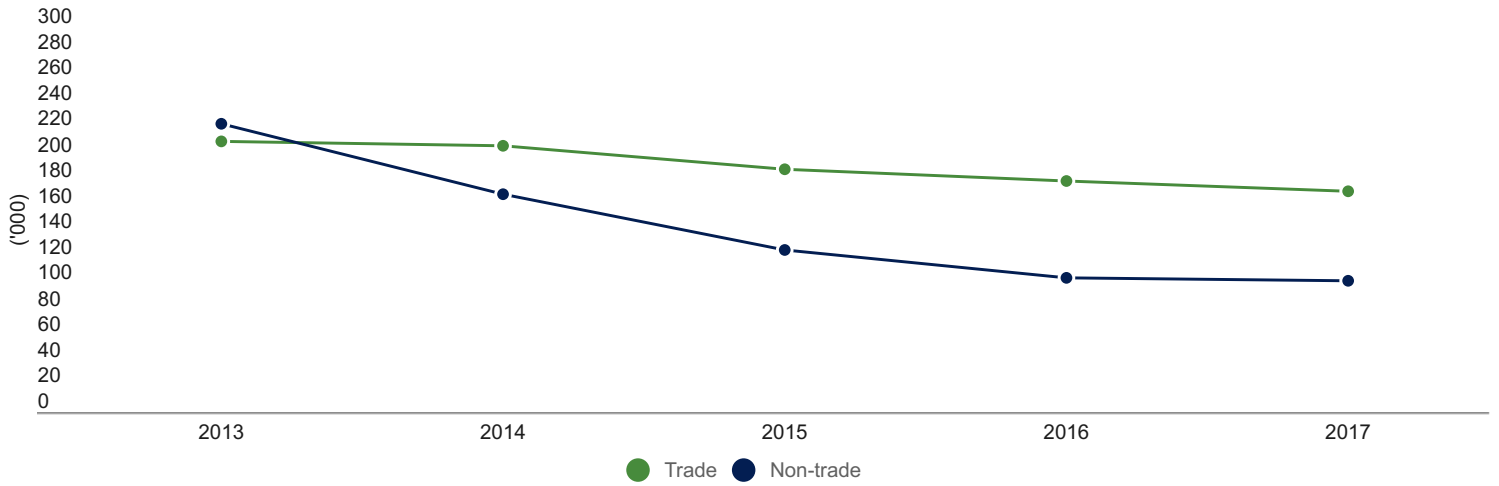
## Cancellations and withdrawals



## Completions



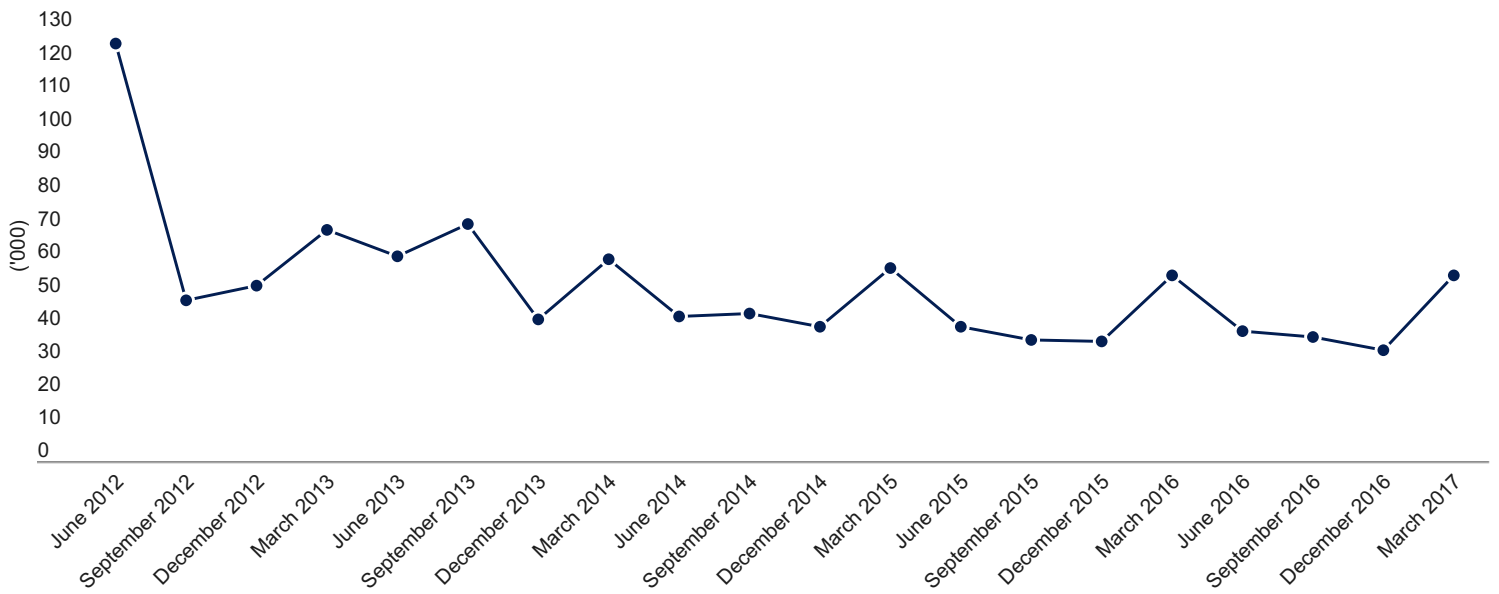
## In-training as at 31 March



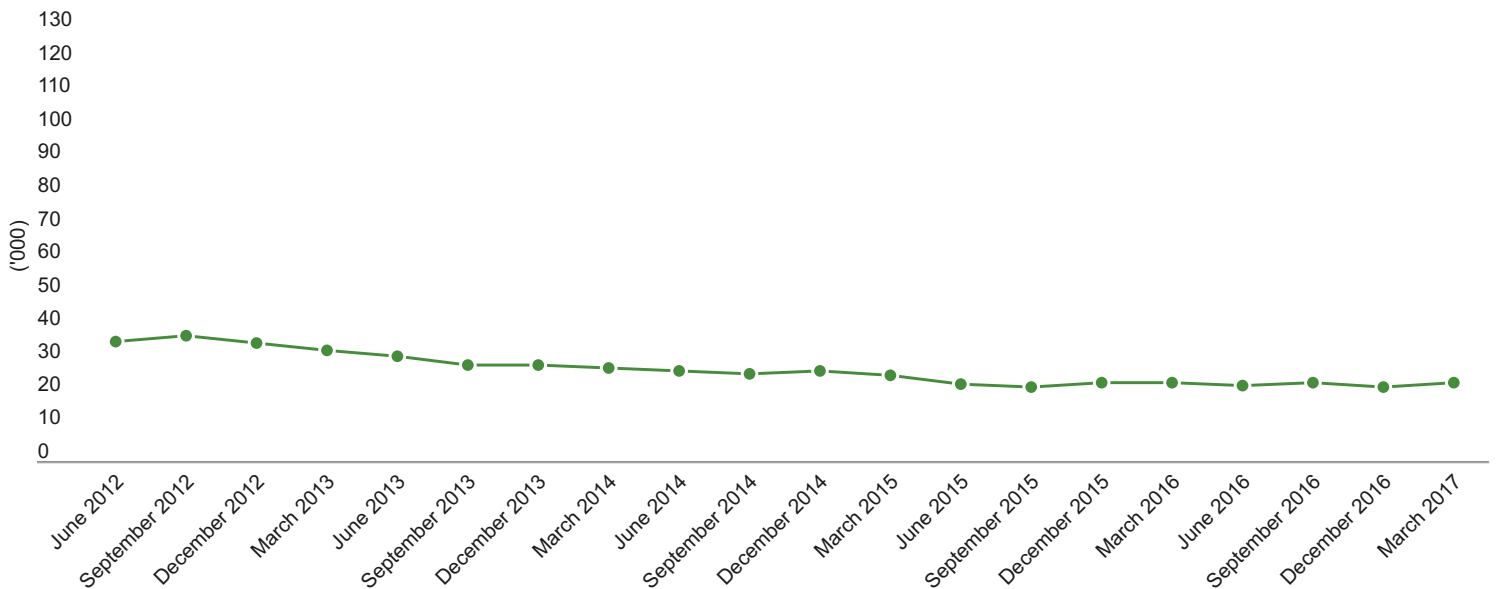
## Australian quarterly training activity ('000)

(Quarterly activity over the last five years)

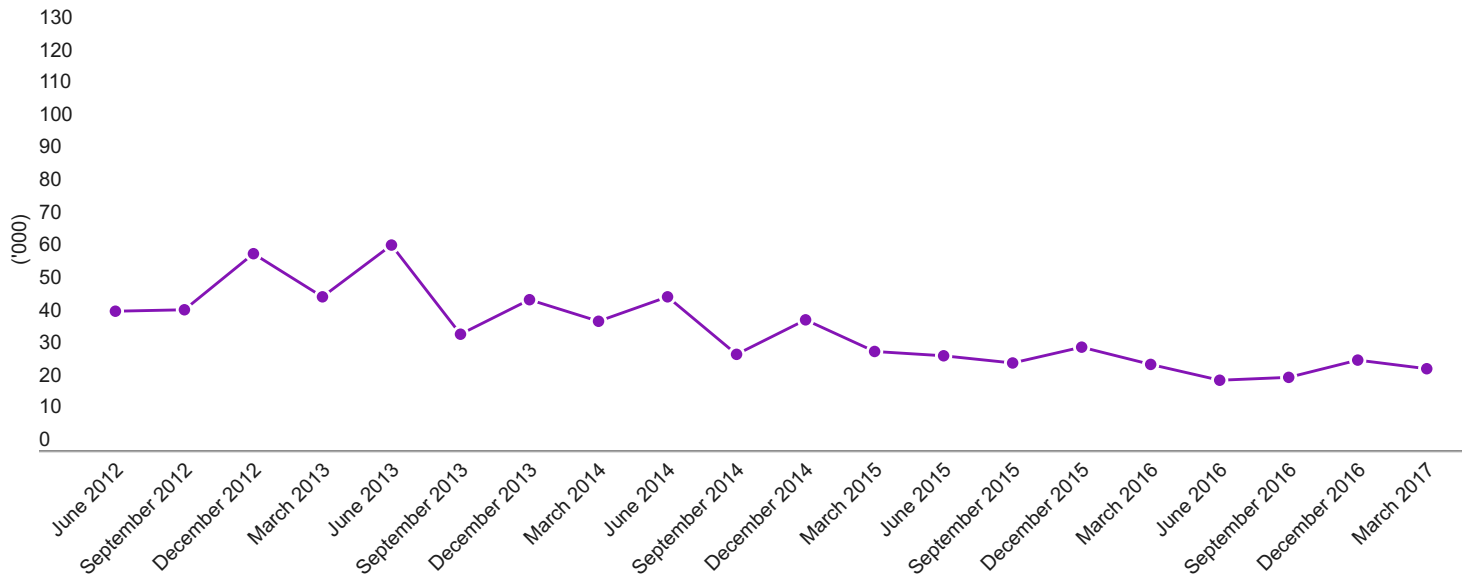
### Commencements



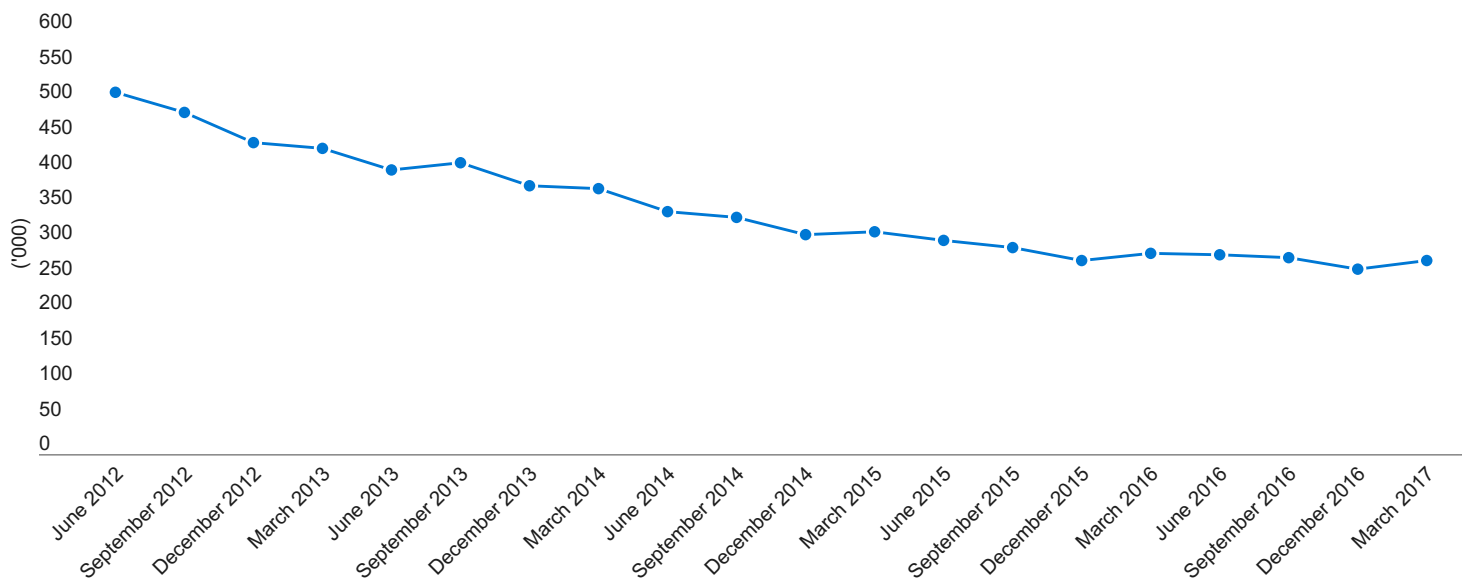
### Cancellations and withdrawals



## Completions



## In-training at the end of the quarter



	Commencements	Cancellations/withdrawals	Completions	In-training at the end of the quarter
June 2012	126.2	36.3	43.1	515.1
September 2012	48.7	37.9	43.4	485.6
December 2012	53.1	36.0	60.6	443.8
March 2013	69.7	33.7	47.2	435.3
June 2013	61.7	31.8	63.3	404.1
September 2013	71.6	29.3	35.9	413.3
December 2013	42.9	29.2	46.3	381.4
March 2014	61.2	28.5	39.8	377.0
June 2014	43.9	27.3	47.2	345.6
September 2014	44.7	26.6	29.7	337.5
December 2014	40.5	27.6	40.3	311.4
March 2015	58.3	25.9	30.4	315.9
June 2015	40.8	23.5	29.0	304.2
September 2015	36.8	22.5	27.1	293.5
December 2015	36.2	24.0	31.7	276.0
March 2016	56.3	23.7	26.7	285.7
June 2016	39.5	23.1	21.7	283.5
September 2016	37.5	23.8	22.6	279.0
December 2016	33.5	22.7	27.7	264.2
March 2017	56.2	23.7	25.3	275.2

## What's happened in Australia in the last year...

(Change in numbers from 12 months ending 31 March 2017)

### Commencements

↑ INCREASE	↓ DECREASE
+3890 Non-trades (+4.3%)	-7190 Trades (-9.0%)
+2440 Age group, 19 years and under (+3.2%)	-5710 Existing workers (-22.1%)
+2400 Newly commencing workers (+1.7%)	-5100 Full-time (-4.2%)
+1900 Within the non-trades, machinery operators and drivers (+15.8%)	-4610 Males (-4.1)
+1870 Part-time (+3.9%)	-3550 Within the trades, other trades and technicians (-29.9%)
+660 Within the trades, automotive and engineering trades workers (+4.3%)	-3530 Certificate IV (-20.9%)
+410 Type of employer, group training scheme (+2.8%)	-3130 Type of employer, private sector (-2.1%)
	-2520 Age group, 25 to 44 years (-5.6%)
	-120 Within the non-trades, professionals (-20.6%)

### Cancellations and withdrawals

↑ INCREASE	↓ DECREASE
+3240 Newly commencing workers (+4.1%)	-3660 Existing worker (-26.0%)
+2210 Age group, 19 years and under (+7.1%)	-2500 Certificate IV (-23.6%)
+1530 Certificate III (+2.0%)	-1810 Age group, 25 to 44 years (-6.9%)
+1490 Within the trades, construction trades workers (+10.0%)	-1510 Within the non-trades, clerical and administrative workers (-16.1%)
+830 Type of employer, group training scheme (+10.0%)	-1050 Duration of training, over two years (-10.9%)
+630 Duration of training, two years or less (+0.8%)	-790 Females (-2.6%)
+500 Within the non-trades, managers (+38.8%)	-770 Non-trade (-1.8%)
+370 Males (+0.6%)	-740 Type of employer, private sector (-0.9%)
+350 Trade (+0.7%)	-590 Within the trades, other technicians and trades workers (-7.5%)
	-270 Full-time (-0.4%)

### Completions

↑ INCREASE	↓ DECREASE
+650 Certificate I or II (+8.1%)	-15 180 Type of employer, private sector (-15.5%)
+60 Within the non-trades, professionals (+18.2%)	-15 140 Full-time (-17.4%)
	-12 850 Duration of training, two years or less (-16.4%)
	-11 510 Males (-15.8%)
	-10 610 Non-trades (-16.5%)
	-10 460 Certificate III (-12.1%)
	-8880 Age group, 25 to 44 years (-23.5%)
	-5570 Within the non-trades, clerical and administrative workers (-36.5%)
	-2240 Within the trades, other technicians and trades workers (-26.7%)

### In-training as at 31 March 2017

↑ INCREASE	↓ DECREASE
+1620 Within the non-trades, machinery operators and drivers (+10.8%)	-10 260 Full-time (-4.5%)
	-8620 Type of employer, private Sector (-3.5%)
	-8610 Existing workers (-18.8%)
	-8210 Trade (-4.5%)
	-6820 Males (-3.3%)
	-5820 Certificate IV (-22.5%)
	-4030 Age group, 25 to 44 years (-5.3%)
	-3680 Within the trades, other technicians and trades workers (-17.1%)
	-1600 Within the non-trades, community and personal service workers (-4.4%)

Note: The counts contained in the tables show the largest differences (increases and/or decreases) in numbers within each demographic category and have been rounded to the nearest ten.

# Australian demographic overview

12 months ending 31 March 2013 to 2017 ('000)

## Commencements

	2013 ('000)	2014 ('000)	2015 ('000)	2016 ('000)	2017 ('000)	2016 to 2017 (% change)	2013 to 2017 (% change)
<b>AGE</b>							
19 years and under	97.5	83.4	78.2	75.5	78.0	3.2	-20.1
20 to 24 years	52.8	44.0	39.8	35.8	35.0	-2.3	-33.7
25 to 44 years	102.0	77.8	52.7	45.1	42.6	-5.6	-58.2
45 years and over	45.4	32.1	16.7	13.5	11.1	-17.6	-75.5
<b>SEX</b>							
Male	173.3	145.6	118.8	111.4	106.8	-4.1	-38.3
Female	124.4	91.7	68.6	58.6	59.9	2.2	-51.9
<b>FULL-TIME STATUS</b>							
Full-time	213.9	175.8	136.3	123.3	118.1	-4.2	-44.8
Part-time	83.8	61.5	51.2	46.8	48.6	3.9	-42.0
<b>EMPLOYER TYPE</b>							
Government	11.9	9.5	7.5	6.6	6.0	-8.9	-49.6
Private sector	268.4	211.0	163.8	148.6	145.5	-2.1	-45.8
Group training scheme	17.4	16.8	16.2	14.9	15.3	2.8	-12.3
<b>TRADES (OCCUPATION - ANZSCO GROUP)</b>							
Engineering, ICT and science technicians	8.0	6.8	4.2	2.9	2.3	-22.5	-71.5
Automotive and engineering trades workers	20.1	17.0	16.6	15.4	16.1	4.3	-20.2
Construction trades workers	17.1	17.6	22.8	23.2	21.9	-5.6	27.7
Electrotechnology and telecommunications trades workers	13.7	17.0	13.5	14.1	12.5	-11.5	-8.5
Food trades workers	9.8	11.1	10.1	8.4	7.7	-9.0	-22.0
Skilled animal and horticultural workers	5.4	5.2	4.3	3.6	3.6	0.5	-32.5
Other technicians and trades workers	19.1	21.5	12.1	11.9	8.3	-29.9	-56.5
<b>NON-TRADES (OCCUPATION - ANZSCO GROUP)</b>							
Managers	25.2	5.9	3.2	3.4	3.7	8.1	-85.3
Professionals	2.4	0.8	0.6	0.6	0.4	-20.6	-81.5
Community and personal service workers	43.8	39.6	35.5	28.7	29.6	3.2	-32.4
Clerical and administrative workers	50.1	34.6	22.3	18.0	18.1	0.4	-64.0
Sales workers	40.6	26.3	17.9	16.9	17.7	4.3	-56.5
Machinery operators and drivers	19.3	16.1	11.9	11.8	13.7	15.8	-29.1
Labourers	23.0	17.7	12.6	11.1	11.3	1.1	-51.1
<b>AQF QUALIFICATION LEVEL</b>							
Certificate I or II	17.5	15.0	13.5	13.3	14.8	11.8	-15.0
Certificate III	196.3	168.6	144.2	135.4	134.1	-1.0	-31.7
Certificate IV	55.8	47.5	23.1	16.9	13.3	-20.9	-76.1
Diploma/advanced diploma	28.2	6.2	6.6	4.5	4.5	-0.3	-84.1
<b>EXISTING WORKER</b>							
Existing worker	111.1	74.5	33.8	25.8	20.1	-22.1	-81.9
Newly commencing worker	186.6	162.9	153.7	144.2	146.6	1.7	-21.4
<b>TOTAL</b>	<b>297.7</b>	<b>237.3</b>	<b>187.4</b>	<b>170.0</b>	<b>166.7</b>	<b>-1.9</b>	<b>-44.0</b>

## Cancellations and withdrawals

	2013 ('000)	2014 ('000)	2015 ('000)	2016 ('000)	2017 ('000)	2016 to 2017 (% change)	2013 to 2017 (% change)
<b>AGE</b>							
19 years and under	44.5	36.7	33.8	31.1	33.4	7.1	-25.1
20 to 24 years	37.8	32.1	31.6	28.9	29.1	1.0	-22.8
25 to 44 years	44.5	36.9	31.8	26.3	24.4	-6.9	-45.1
45 years and over	17.1	13.2	10.1	7.5	6.3	-15.2	-62.8
<b>SEX</b>							
Male	87.5	75.5	71.0	63.1	63.5	0.6	-27.4
Female	56.4	43.2	38.4	30.6	29.9	-2.6	-47.0
<b>FULL-TIME STATUS</b>							
Full-time	104.1	90.0	82.1	70.9	70.6	-0.4	-32.2
Part-time	39.7	28.7	25.3	22.9	22.7	-0.7	-42.7
<b>EMPLOYER TYPE</b>							
Government	3.0	2.6	2.1	2.1	1.6	-23.7	-46.6
Private sector	129.9	107.2	96.5	83.4	82.6	-0.9	-36.4
Group training scheme	10.9	9.0	8.8	8.3	9.1	10.0	-16.6
<b>TRADES (OCCUPATION - ANZSCO GROUP)</b>							
Engineering, ICT and science technicians	3.0	2.9	2.0	1.5	1.2	-25.2	-62.1
Automotive and engineering trades workers	11.3	11.1	10.7	9.2	9.2	-0.8	-19.2
Construction trades workers	14.2	12.7	14.7	14.9	16.4	10.0	15.7
Electrotechnology and telecommunications trades workers	6.8	7.5	8.2	7.3	7.5	2.6	9.9
Food trades workers	8.5	8.4	8.8	7.4	7.1	-4.0	-16.5
Skilled animal and horticultural workers	2.7	2.7	2.6	2.2	2.3	1.2	-16.5
Other technicians and trades workers	9.7	10.1	9.3	7.8	7.2	-7.5	-25.4
<b>NON-TRADES (OCCUPATION - ANZSCO GROUP)</b>							
Managers	10.1	6.3	3.1	1.3	1.8	38.8	-82.3
Professionals	0.9	0.5	0.3	0.2	0.3	31.3	-72.1
Community and personal service workers	18.9	15.5	15.8	14.2	14.3	0.5	-24.5
Clerical and administrative workers	21.2	15.6	11.5	9.4	7.9	-16.1	-63.0
Sales workers	17.2	11.2	8.5	7.5	7.5	-0.9	-56.6
Machinery operators and drivers	7.9	6.3	5.5	5.2	5.3	2.2	-33.1
Labourers	11.2	7.8	6.5	5.6	5.6	1.0	-50.0
<b>AQF QUALIFICATION LEVEL</b>							
Certificate I or II	8.8	6.3	5.8	5.2	5.9	14.5	-33.0
Certificate III	101.5	86.7	82.7	75.2	76.7	2.0	-24.4
Certificate IV	22.5	19.2	14.5	10.6	8.1	-23.6	-63.9
Diploma/advanced diploma	11.1	6.5	4.4	2.8	2.6	-7.1	-76.4
<b>EXISTING WORKER</b>							
Existing worker	39.9	29.6	20.4	14.1	10.4	-26.0	-73.9
Newly commencing worker	104.0	89.1	87.0	79.7	82.9	4.1	-20.2
<b>DURATION UNTIL CANCELLED/WITHDRAWN</b>							
Two years or less	133.5	108.5	95.6	84.1	84.7	0.8	-36.6
More than two years	10.3	10.3	11.8	9.7	8.6	-10.9	-16.3
<b>TOTAL</b>	<b>143.8</b>	<b>118.8</b>	<b>107.4</b>	<b>93.8</b>	<b>93.4</b>	<b>-0.5</b>	<b>-35.1</b>

## Completions

	2013 ('000)	2014 ('000)	2015 ('000)	2016 ('000)	2017 ('000)	2016 to 2017 (% change)	2013 to 2017 (% change)
<b>AGE</b>							
19 years and under	38.7	29.7	26.7	23.2	22.6	-2.6	-41.5
20 to 24 years	52.5	51.6	44.8	39.6	36.8	-7.1	-29.9
25 to 44 years	67.8	69.0	51.8	37.8	28.9	-23.5	-57.3
45 years and over	35.3	35.1	24.3	13.9	8.9	-35.8	-74.7
<b>SEX</b>							
Male	107.1	108.2	90.4	72.9	61.4	-15.8	-42.7
Female	87.1	77.1	57.2	41.6	35.9	-13.9	-58.8
<b>FULL-TIME STATUS</b>							
Full-time	137.0	139.3	112.2	87.1	72.0	-17.4	-47.5
Part-time	57.2	46.0	35.4	27.4	25.3	-7.8	-55.8
<b>EMPLOYER TYPE</b>							
Government	11.4	11.8	9.0	6.7	5.1	-24.0	-55.4
Private sector	170.8	162.1	127.4	98.1	82.9	-15.5	-51.5
Group training scheme	12.0	11.5	11.2	9.8	9.3	-4.9	-22.5
<b>TRADES (OCCUPATION - ANZSCO GROUP)</b>							
Engineering, ICT and science technicians	4.6	4.8	4.6	2.8	1.9	-31.9	-58.6
Automotive and engineering trades workers	12.6	13.4	13.0	13.1	11.5	-12.0	-8.1
Construction trades workers	11.1	12.8	11.1	9.8	9.7	-0.3	-12.3
Electrotechnology and telecommunications trades workers	7.6	9.0	12.5	9.8	9.0	-8.8	18.3
Food trades workers	4.4	5.6	4.8	4.4	3.6	-19.0	-17.5
Skilled animal and horticultural workers	2.7	2.9	3.1	2.1	1.9	-10.7	-30.3
Other technicians and trades workers	11.0	12.6	10.8	8.4	6.2	-26.7	-44.1
<b>NON-TRADES (OCCUPATION - ANZSCO GROUP)</b>							
Managers	16.0	17.2	5.9	2.3	1.8	-20.6	-88.8
Professionals	1.6	1.7	0.6	0.3	0.4	18.2	-77.6
Community and personal service workers	29.4	26.7	23.9	19.6	17.8	-9.4	-39.5
Clerical and administrative workers	34.2	31.3	21.5	15.3	9.7	-36.5	-71.6
Sales workers	30.4	20.7	14.6	11.3	11.2	-0.8	-63.1
Machinery operators and drivers	13.4	13.4	10.5	7.5	6.4	-14.9	-52.3
Labourers	15.1	13.3	10.7	7.8	6.2	-20.0	-58.8
<b>AQF QUALIFICATION LEVEL</b>							
Certificate I or II	13.5	9.7	8.7	8.1	8.7	8.1	-35.3
Certificate III	127.4	122.0	106.3	86.8	78.3	-12.1	-40.1
Certificate IV	35.6	34.7	27.1	16.3	9.4	-42.5	-73.7
Diploma/advanced diploma	17.7	19.0	5.5	3.4	2.9	-16.3	-83.7
<b>EXISTING WORKER</b>							
Existing worker	75.4	75.6	48.4	26.0	15.5	-40.6	-79.5
Newly commencing worker	118.9	109.7	99.2	88.5	81.8	-7.6	-31.2
<b>ACTUAL DURATION OF TRAINING</b>							
Two years or less	154.2	142.4	106.8	78.4	65.6	-16.4	-57.5
More than two years	40.1	42.9	40.9	36.1	31.7	-12.2	-20.8
<b>TOTAL</b>	<b>194.2</b>	<b>185.3</b>	<b>147.6</b>	<b>114.6</b>	<b>97.3</b>	<b>-15.1</b>	<b>-49.9</b>



## In-training as at 31 March 2017

	2013 ('000)	2014 ('000)	2015 ('000)	2016 ('000)	2017 ('000)	2016 to 2017 (% change)	2013 to 2017 (% change)
<b>AGE</b>							
19 years and under	117.1	106.3	98.4	95.4	93.3	-2.2	-20.3
20 to 24 years	112.7	103.7	95.8	91.4	90.5	-1.0	-19.7
25 to 44 years	143.6	119.2	91.5	76.6	72.6	-5.3	-49.4
45 years and over	62.0	47.7	30.1	22.3	18.8	-15.6	-69.7
<b>SEX</b>							
Male	289.4	260.7	225.7	209.2	202.4	-3.3	-30.1
Female	145.9	116.2	90.2	76.5	72.8	-4.8	-50.1
<b>FULL-TIME STATUS</b>							
Full-time	342.4	299.8	251.1	226.4	216.1	-4.5	-36.9
Part-time	93.0	77.2	64.8	59.3	59.1	-0.4	-36.4
<b>EMPLOYER TYPE</b>							
Government	22.5	17.6	13.7	11.1	10.1	-9.5	-55.3
Private sector	382.2	330.7	275.6	249.7	241.1	-3.5	-36.9
Group training scheme	30.6	28.6	26.5	24.9	24.1	-3.3	-21.4
<b>TRADES (OCCUPATION - ANZSCO GROUP)</b>							
Engineering, ICT and science technicians	10.0	8.9	6.1	4.3	3.2	-24.9	-67.8
Automotive and engineering trades workers	55.6	51.5	47.5	42.9	40.7	-5.2	-26.7
Construction trades workers	48.0	45.4	47.3	51.5	53.6	4.0	11.6
Electrotechnology and telecommunications trades workers	39.1	42.7	38.2	37.6	35.7	-4.9	-8.5
Food trades workers	17.6	17.5	16.4	15.2	14.3	-6.1	-19.2
Skilled animal and horticultural workers	9.5	9.4	8.1	7.5	6.9	-7.3	-27.1
Other technicians and trades workers	31.1	31.9	25.4	21.5	17.9	-17.1	-42.6
<b>NON-TRADES (OCCUPATION - ANZSCO GROUP)</b>							
Managers	34.0	14.2	6.4	5.4	5.1	-5.5	-85.0
Professionals	3.1	1.5	1.0	1.0	0.8	-18.5	-74.3
Community and personal service workers	47.3	44.6	40.8	36.2	34.6	-4.4	-27.0
Clerical and administrative workers	58.4	40.7	26.6	17.4	17.2	-1.1	-69.5
Sales workers	35.4	28.3	21.5	18.6	17.6	-5.0	-50.2
Machinery operators and drivers	25.0	20.9	16.3	14.9	16.6	10.8	-33.7
Labourers	23.2	19.5	14.4	11.7	11.0	-6.1	-52.5
<b>AQF QUALIFICATION LEVEL</b>							
Certificate I or II	15.4	14.0	12.7	12.5	12.3	-1.4	-20.4
Certificate III	309.7	284.3	251.9	237.6	233.6	-1.7	-24.6
Certificate IV	72.5	62.3	39.5	25.8	20.0	-22.5	-72.4
Diploma/advanced diploma	37.7	16.4	11.7	9.9	9.3	-5.9	-75.5
<b>EXISTING WORKER</b>							
Existing worker	146.3	108.6	65.7	45.7	37.1	-18.8	-74.6
Newly commencing worker	289.0	268.4	250.1	240.0	238.1	-0.8	-17.6
<b>TOTAL</b>	<b>435.3</b>	<b>377.0</b>	<b>315.9</b>	<b>285.7</b>	<b>275.2</b>	<b>-3.7</b>	<b>-36.8</b>

Note that the percentages presented in this product are reported to one decimal place. All other numbers, after aggregation, have been rounded to the nearest hundred. Rounding can lead to instances where the numbers in the body of a given table might not add to the rounded totals.

For more detailed information refer to the 'Apprentices and trainees, March 2017 quarter: data slicer'. The data slicer is a MS Excel pivot table containing a set of buttons that enable users to quickly filter or slice data without the need to open drop-down lists. A slicer clearly labels the filters that may be applied and provides detail so that users can easily identify the slice of data presented. It presents information on client demographics, programs, occupations, training rates, state or territory and other variables to compare training activity over time.

This infographic is drawn from *Australian vocational education and training statistics: apprentices and trainees 2017 — March quarter*, NCVER, Adelaide.

SOURCE: National Centre for Vocational Education Research (NCVER), National Apprentice and Trainee collection no. 92, June 2017 estimates, Australian Bureau of Statistics (ABS), Labour force, Australian, detailed quarterly, May 2017 (as at February), cat. no. 6291.0.55.003.

© Commonwealth of Australia, 2017. For details and exceptions visit the NCVER Portal.

This work has been produced by NCVER on behalf of the Australian Government and state and territory governments, with funding provided through the Australian Government Department of Education and Training.