

## Apprentices and trainees 2019 - March quarter

# WESTERN AUSTRALIA



**30 020** in training as at 31 March 2019 (down 8.9% from March 2018)



**2.2%** of workers were employed as an apprentice or trainee



**7.9%** of employed workers within the trade occupations were an apprentice or trainee

### Commencements 12 months ending 31 March 2019

(% change from previous 12 months)



**16 865** commencements (down 10.9% from March 2018)



**6470** trades (down 5.8% from March 2018)



**10 390** non-trades (down 13.8% from March 2018)



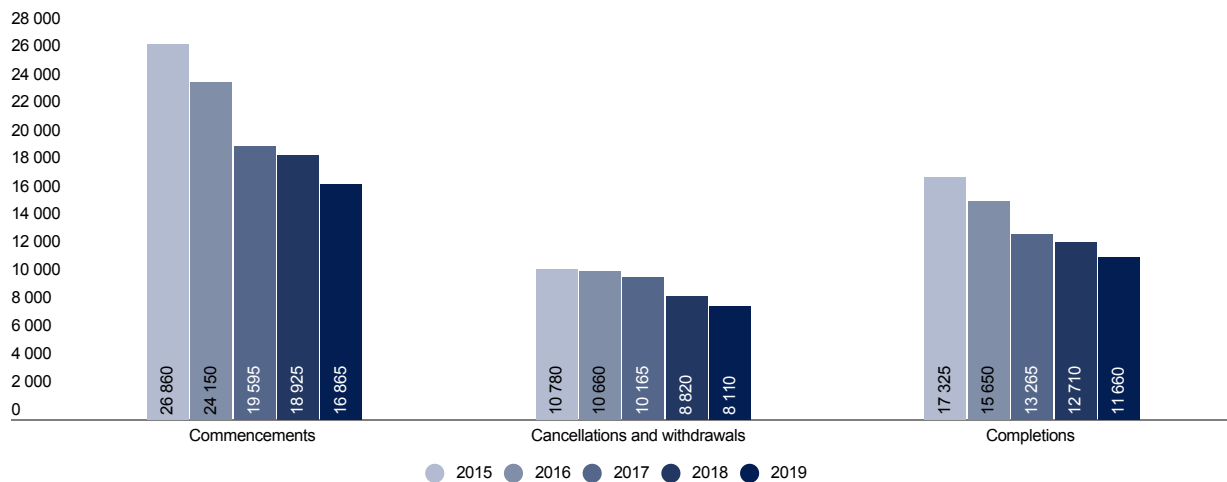
**10 765** males (down 13.7% from March 2018)



**6100** females (down 5.5% from March 2018)

### Western Australia in summary

12 months ending 31 March

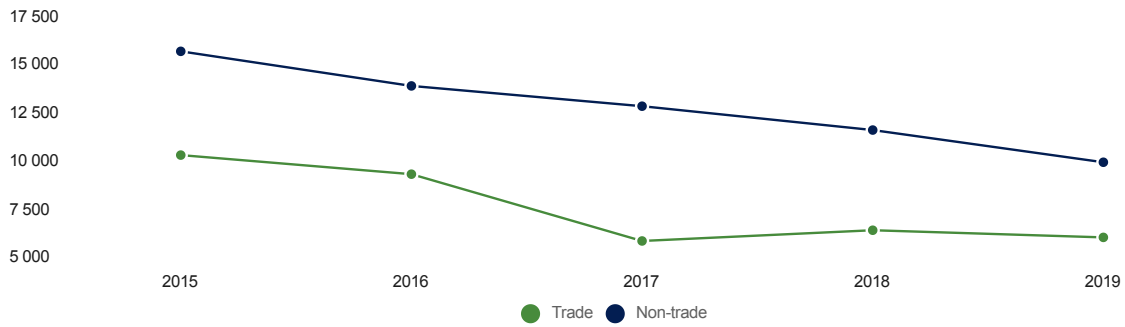


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	2015	2016	2017	2018	2019	2018 to 2019 (% change)	2015 to 2019 (% change)
Commencements	26 860	24 150	19 595	18 925	16 865	-10.9	-37.2
Cancellations and withdrawals	10 780	10 660	10 165	8 820	8 110	-8.1	-24.8
Completions	17 325	15 650	13 265	12 710	11 660	-8.3	-32.7
In training	42 390	39 630	35 695	32 950	30 020	-8.9	-29.2

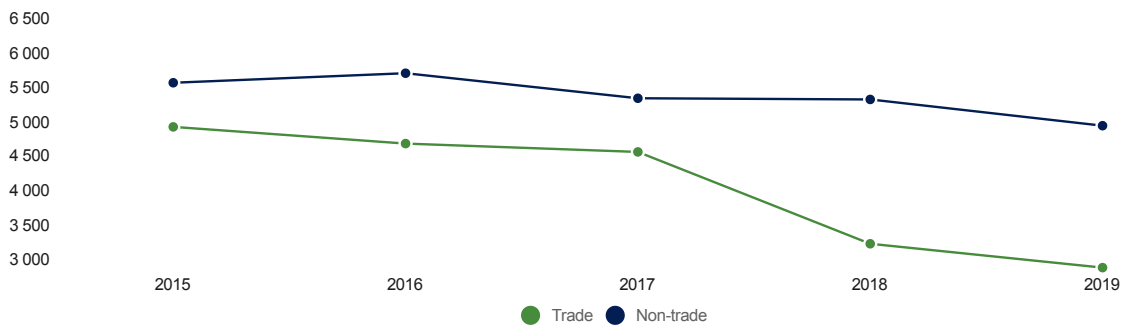
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## Commencements



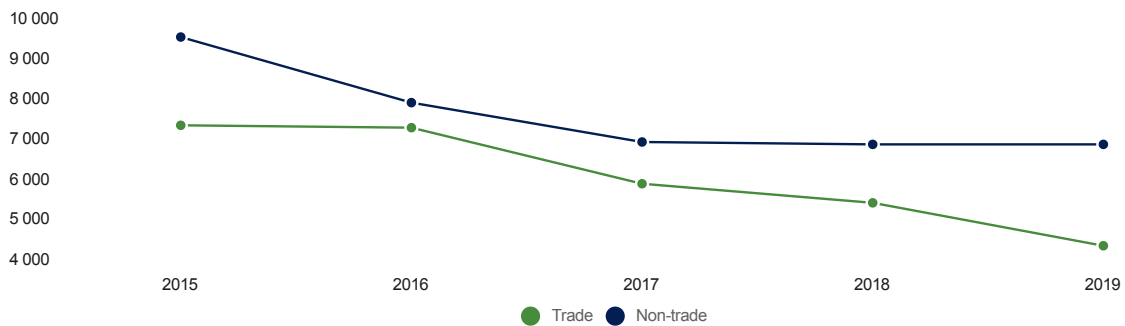
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## Cancellations and withdrawals



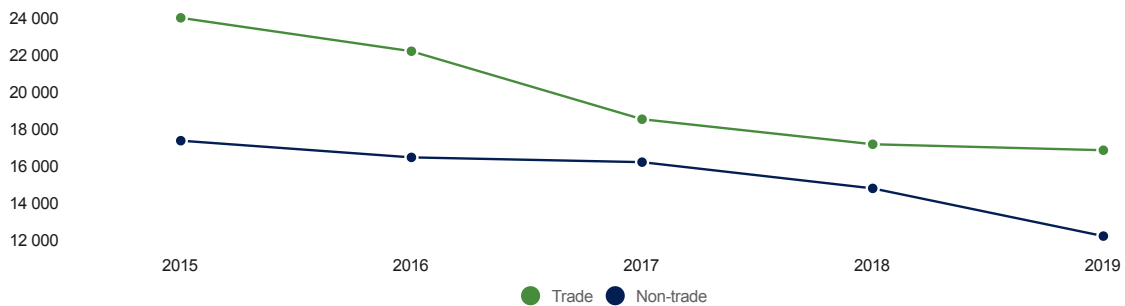
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## Completions



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## In training as at 31 March

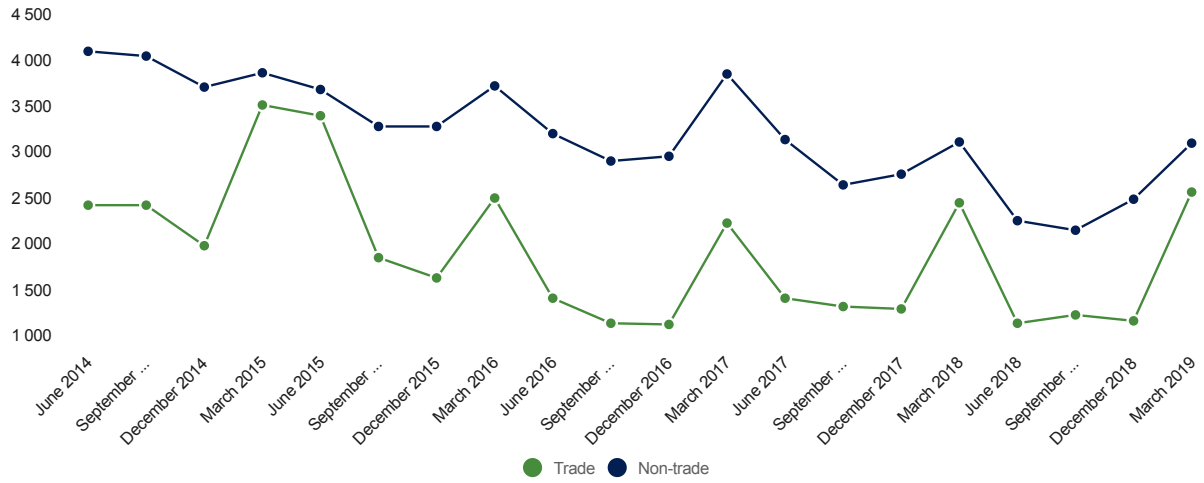


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## Western Australia quarterly training activity

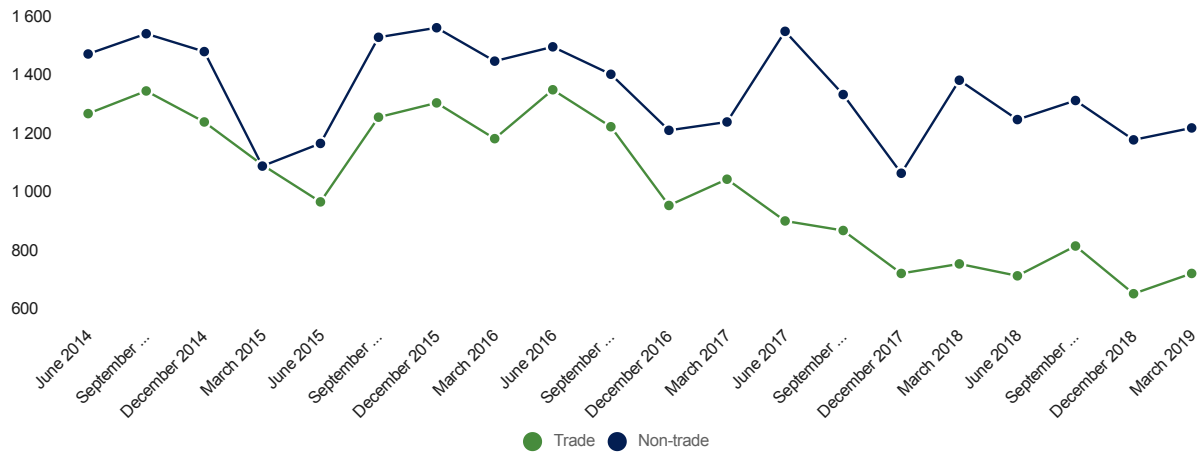
(Quarterly activity over the last five years)

### Commencements



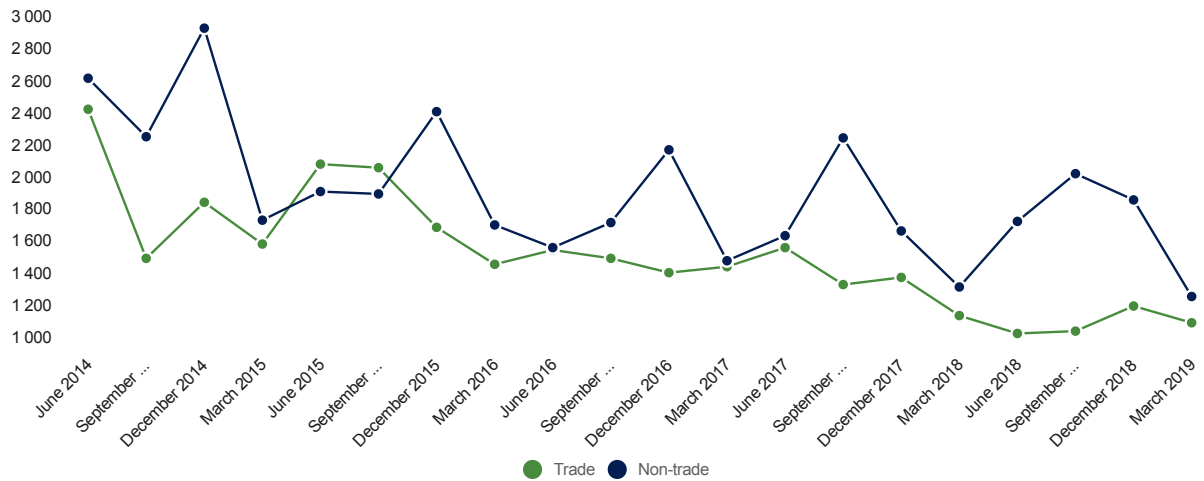
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### Cancellations and withdrawals



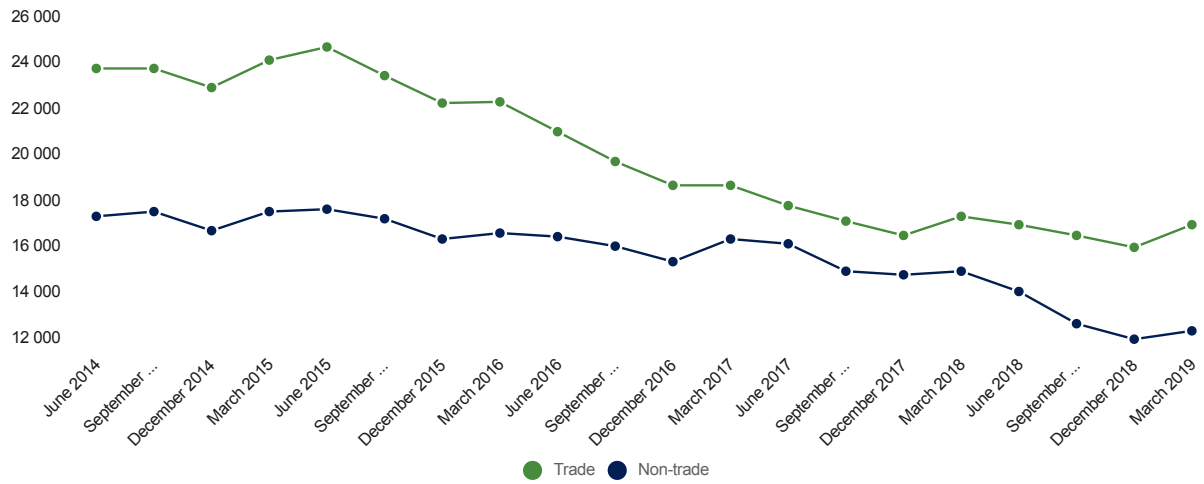
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### Completions



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## In training at the end of the quarter



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	Commencements	Cancellations and withdrawals	Completions	In training at the end of the quarter
June 2014	6 725	2 805	5 155	41 815
September 2014	6 670	2 950	3 855	42 015
December 2014	5 880	2 785	4 885	40 355
March 2015	7 585	2 240	3 430	42 390
June 2015	7 290	2 190	4 110	43 015
September 2015	5 325	2 845	4 065	41 425
December 2015	5 110	2 930	4 205	39 300
March 2016	6 420	2 695	3 270	39 630
June 2016	4 810	2 905	3 225	38 165
September 2016	4 235	2 690	3 320	36 405
December 2016	4 275	2 225	3 685	34 740
March 2017	6 280	2 345	3 035	35 695
June 2017	4 745	2 505	3 310	34 600
September 2017	4 160	2 265	3 685	32 755
December 2017	4 255	1 845	3 150	31 960
March 2018	5 760	2 200	2 570	32 950
June 2018	3 580	2 025	2 860	31 665
September 2018	3 575	2 195	3 175	29 830
December 2018	3 845	1 890	3 165	28 630
March 2019	5 860	2 000	2 460	30 020

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

(Change in numbers from 12 months ending 31 March 2018)

### Commencements

↑	INCREASE	↓	DECREASE
+440	Newly commencing worker (+3.1%)	-2500	Existing worker (-52.8%)
+200	Automotive and engineering trades workers (+7.6%)	-1770	Private sector (-10.9%)
+130	20 to 24 years (+3.9%)	-1705	Male (-13.7%)
		-1660	Non-trade (-13.8%)
		-1385	Full-time (-10.1%)
		-1230	25 to 44 years (-19.2%)
		-1140	Certificate IV (-47.7%)
		-485	Other technicians and trades workers (-40.8%)
		-410	Labourers (-22.3%)

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### Cancellations and withdrawals

↑	INCREASE	↓	DECREASE
+150	Automotive and engineering trades workers (+20.4%)	-730	Private sector (-9.4%)
+105	Certificate I or II (+10.5%)	-660	Two years or less (-8.4%)
+55	Machinery operators and drivers (+5.3%)	-575	Full-time (-8.6%)
+55	Government (+41.3%)	-570	Existing worker (-23.2%)
		-425	Certificate III (-7%)
		-390	Female (-12.3%)
		-385	25 to 44 years (-11.9%)
		-370	Non-trade (-6.8%)
		-245	Community and personal service workers (-13.9%)
		-200	Construction trades workers (-25%)

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### Completions

↑	INCREASE	↓	DECREASE
+365	Machinery operators and drivers (+33.7%)	-1280	Full-time (-13.2%)
+250	Certificate I or II (+14.8%)	-1090	Private sector (-9.9%)
+225	Part-time (+7.6%)	-1060	Trade (-18.8%)
+105	Electrotechnology and telecommunications trades workers (+9.9%)	-1025	Existing worker (-25%)
+70	Group training scheme (+5.4%)	-860	Certificate IV (-40.9%)
+5	Non-trade (+0.1%)	-775	Other technicians and trades workers (-54.5%)
		-655	Two years or less (-8%)
		-580	Male (-7%)
		-520	25 to 44 years (-11%)
		-165	Sales workers (-19.9%)

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### In training as at 31 March

↑	INCREASE	↓	DECREASE
+735	Automotive and engineering trades workers (+11.8%)	-3255	Existing worker (-34.5%)
+325	Newly commencing worker (+1.4%)	-2600	Non-trade (-17%)
+5	Professionals (+8.3%)	-2575	Private sector (-8.9%)
		-2200	Full-time (-8.3%)
		-2120	Male (-8.8%)
		-1550	25 to 44 years (-14.4%)
		-1415	Certificate IV (-37.9%)
		-755	Clerical and administrative workers (-25.6%)
		-390	Other technicians and trades workers (-17.9%)

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

## Western Australia demographic overview

12 months ending 31 March 2015 to 2019

### Commencements

	2015	2016	2017	2018	2019	2018 to 2019 (% change)	2015 to 2019 (% change)
<b>AGE</b>							
19 years and under	8 365	7 220	6 775	7 045	6 890	-2.2	-17.7
20 to 24 years	4 685	4 095	3 415	3 340	3 475	3.9	-25.9
25 to 44 years	10 165	9 275	7 100	6 415	5 185	-19.2	-49.0
45 years and over	3 645	3 560	2 305	2 120	1 315	-38.0	-64.0
<b>SEX</b>							
Male	16 920	15 405	12 110	12 470	10 765	-13.7	-36.4
Female	9 940	8 740	7 490	6 455	6 100	-5.5	-38.7
<b>FULL-TIME STATUS</b>							
Full-time	22 005	19 185	14 310	13 670	12 285	-10.1	-44.2
Part-time	4 855	4 965	5 285	5 250	4 580	-12.8	-5.7
<b>EMPLOYER TYPE</b>							
Government	845	605	560	645	515	-20.3	-38.8
Private sector	23 820	21 645	17 320	16 230	14 460	-10.9	-39.3
Group training scheme	2 195	1 900	1 715	2 045	1 890	-7.6	-14.0
<b>TRADES (Occupation, ANZSCO group)</b>							
Engineering, ICT and science technicians	1 405	1 100	340	315	275	-12.9	-80.6
Automotive and engineering trades workers	2 325	1 875	1 970	2 600	2 795	7.6	20.2
Construction trades workers	2 130	1 795	1 095	955	875	-8.7	-59.0
Electrotechnology and telecommunications trades workers	1 645	1 530	1 185	1 245	1 220	-1.8	-25.8
Food trades workers	485	455	480	405	400	-0.9	-17.8
Skilled animal and horticultural workers	260	190	175	170	205	20.3	-20.6
Other technicians and trades workers	2 475	2 840	1 050	1 185	700	-40.8	-71.6
<b>NON-TRADES (Occupation, ANZSCO group)</b>							
Managers	970	1 295	1 090	395	175	-55.5	-81.8
Professionals	165	165	55	90	80	-12.2	-52.0
Community and personal service workers	5 455	4 505	4 285	3 775	3 445	-8.8	-36.9
Clerical and administrative workers	4 360	2 790	2 570	2 310	1 915	-17.2	-56.1
Sales workers	1 625	1 535	1 415	1 110	990	-10.9	-39.0
Machinery operators and drivers	1 860	2 385	2 295	2 525	2 355	-6.6	26.8
Labourers	1 700	1 690	1 600	1 845	1 435	-22.3	-15.7
<b>AQF QUALIFICATION LEVEL</b>							
Certificate I or II	2 375	2 445	2 840	3 170	2 960	-6.7	24.5
Certificate III	15 665	14 305	12 945	12 980	12 360	-4.8	-21.1
Certificate IV	7 550	6 045	2 845	2 385	1 245	-47.7	-83.5
Diploma/advanced diploma	1 270	1 350	970	385	300	-22.3	-76.3
<b>EXISTING WORKER</b>							
Existing worker	9 890	9 545	5 805	4 740	2 240	-52.8	-77.4
Newly commencing worker	16 975	14 605	13 790	14 185	14 625	3.1	-13.8
<b>TOTAL</b>	<b>26 860</b>	<b>24 150</b>	<b>19 595</b>	<b>18 925</b>	<b>16 865</b>	<b>-10.9</b>	<b>-37.2</b>

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## Cancellations and withdrawals

	2015	2016	2017	2018	2019	2018 to 2019 (% change)	2015 to 2019 (% change)
<b>AGE</b>							
19 years and under	2 975	2 605	2 330	2 190	2 080	-5.1	-30.2
20 to 24 years	2 610	2 540	2 520	2 245	2 235	-0.4	-14.3
25 to 44 years	3 830	4 160	3 840	3 225	2 845	-11.9	-25.7
45 years and over	1 365	1 355	1 470	1 155	950	-17.9	-30.6
<b>SEX</b>							
Male	7 095	6 890	6 615	5 655	5 330	-5.7	-24.9
Female	3 685	3 765	3 550	3 165	2 780	-12.3	-24.6
<b>FULL-TIME STATUS</b>							
Full-time	9 120	8 680	8 230	6 675	6 100	-8.6	-33.1
Part-time	1 665	1 980	1 935	2 145	2 010	-6.4	20.8
<b>EMPLOYER TYPE</b>							
Government	205	145	150	135	190	41.3	-7.2
Private sector	9 525	9 475	9 105	7 790	7 055	-9.4	-25.9
Group training scheme	1 050	1 040	905	895	860	-4.1	-18.2
<b>TRADES (Occupation, ANZSCO group)</b>							
Engineering, ICT and science technicians	440	615	455	175	150	-14.1	-65.6
Automotive and engineering trades workers	1 070	880	825	735	885	20.4	-17.3
Construction trades workers	1 100	1 145	1 075	790	595	-25.0	-45.9
Electrotechnology and telecommunications trades workers	635	555	650	570	485	-15.3	-23.8
Food trades workers	405	280	330	305	290	-5.8	-28.9
Skilled animal and horticultural workers	100	60	60	70	60	-12.8	-37.7
Other technicians and trades workers	1 325	1 295	1 300	715	560	-21.9	-57.7
<b>NON-TRADES (Occupation, ANZSCO group)</b>							
Managers	300	195	500	440	280	-36.0	-6.3
Professionals	35	50	95	35	30	-14.2	-9.0
Community and personal service workers	1 770	2 010	1 855	1 775	1 530	-13.9	-13.5
Clerical and administrative workers	1 485	1 485	1 025	1 025	1 035	1.0	-30.4
Sales workers	550	600	540	460	420	-8.2	-23.3
Machinery operators and drivers	735	805	765	1 000	1 050	5.3	42.9
Labourers	840	685	695	720	740	2.3	-12.0
<b>AQF QUALIFICATION LEVEL</b>							
Certificate I or II	800	730	840	990	1 095	10.5	37.3
Certificate III	6 865	6 545	6 440	6 050	5 625	-7.0	-18.1
Certificate IV	2 680	2 945	2 360	1 350	1 080	-20.0	-59.7
Diploma/advanced diploma	440	440	525	430	310	-27.9	-29.4
<b>EXISTING WORKER</b>							
Existing worker	3 470	3 655	3 350	2 455	1 885	-23.2	-45.7
Newly commencing worker	7 310	7 000	6 815	6 360	6 220	-2.2	-14.9
<b>DURATION UNTIL CANCELLED/WITHDRAWN</b>							
Two years or less	10 035	9 890	9 125	7 835	7 175	-8.4	-28.5
More than two years	745	770	1 040	985	935	-5.5	24.9
<b>TOTAL</b>	<b>10780</b>	<b>10660</b>	<b>10165</b>	<b>8820</b>	<b>8110</b>	<b>-8.1</b>	<b>-24.8</b>

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## Completions

	2015	2016	2017	2018	2019	2018 to 2019 (% change)	2015 to 2019 (% change)
<b>AGE</b>							
19 years and under	2 940	2 325	2 190	2 220	2 180	-2.0	-25.9
20 to 24 years	4 995	4 585	4 205	3 890	3 765	-3.2	-24.6
25 to 44 years	6 600	6 370	5 195	4 735	4 215	-11.0	-36.1
45 years and over	2 790	2 370	1 680	1 860	1 500	-19.3	-46.2
<b>SEX</b>							
Male	10 865	10 475	8 595	8 245	7 665	-7.0	-29.4
Female	6 460	5 175	4 675	4 470	3 995	-10.6	-38.2
<b>FULL-TIME STATUS</b>							
Full-time	14 490	13 315	10 535	9 710	8 430	-13.2	-41.8
Part-time	2 830	2 330	2 735	3 000	3 230	7.6	14.0
<b>EMPLOYER TYPE</b>							
Government	715	675	535	470	435	-7.0	-39.0
Private sector	15 145	13 720	11 495	10 960	9 870	-9.9	-34.8
Group training scheme	1 460	1 255	1 235	1 280	1 350	5.4	-7.6
<b>TRADES (Occupation, ANZSCO group)</b>							
Engineering, ICT and science technicians	870	555	625	365	180	-50.1	-79.1
Automotive and engineering trades workers	2 260	2 230	1 765	1 470	1 380	-6.1	-39.0
Construction trades workers	890	860	920	975	865	-11.1	-2.5
Electrotechnology and telecommunications trades workers	1 585	1 355	1 300	1 055	1 160	9.9	-26.7
Food trades workers	315	285	230	230	220	-5.1	-30.2
Skilled animal and horticultural workers	345	170	100	105	115	6.2	-67.2
Other technicians and trades workers	1 310	2 050	1 175	1 425	650	-54.5	-50.4
<b>NON-TRADES (Occupation, ANZSCO group)</b>							
Managers	660	395	540	425	330	-22.0	-49.8
Professionals	60	75	65	80	40	-50.9	-31.7
Community and personal service workers	3 355	2 740	2 395	2 520	2 370	-6.0	-29.4
Clerical and administrative workers	2 305	2 190	1 260	1 185	1 350	14.0	-41.3
Sales workers	880	835	950	825	660	-19.9	-25.0
Machinery operators and drivers	1 370	885	1 085	1 085	1 450	33.7	5.8
Labourers	1 120	1 020	860	955	885	-7.7	-21.1
<b>AQF QUALIFICATION LEVEL</b>							
Certificate I or II	1 500	1 270	1 610	1 675	1 925	14.8	28.3
Certificate III	11 295	9 605	8 270	8 435	8 135	-3.6	-28.0
Certificate IV	3 820	4 140	2 880	2 100	1 240	-40.9	-67.5
Diploma/advanced diploma	710	630	510	500	360	-28.0	-49.2
<b>EXISTING WORKER</b>							
Existing worker	6 030	6 145	4 485	4 100	3 075	-25.0	-49.0
Newly commencing worker	11 290	9 500	8 780	8 610	8 585	-0.3	-24.0
<b>ACTUAL DURATION OF TRAINING</b>							
Two years or less	12 010	10 660	8 735	8 190	7 540	-8.0	-37.2
More than two years	5 315	4 990	4 535	4 520	4 120	-8.8	-22.4
<b>TOTAL</b>	<b>17 325</b>	<b>15 650</b>	<b>13 265</b>	<b>12 710</b>	<b>11 660</b>	<b>-8.3</b>	<b>-32.7</b>

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## In training as at 31 March

	2015	2016	2017	2018	2019	2018 to 2019 (% change)	2015 to 2019 (% change)
<b>AGE</b>							
19 years and under	11 150	10 310	9 470	9 320	9 095	-2.4	-18.4
20 to 24 years	10 665	10 180	9 635	9 285	9 270	-0.2	-13.1
25 to 44 years	15 225	13 980	12 170	10 775	9 225	-14.4	-39.4
45 years and over	5 350	5 155	4 415	3 565	2 430	-31.8	-54.6
<b>SEX</b>							
Male	30 530	28 445	25 535	24 155	22 035	-8.8	-27.8
Female	11 860	11 185	10 160	8 795	7 985	-9.2	-32.7
<b>FULL-TIME STATUS</b>							
Full-time	37 130	33 815	29 295	26 415	24 215	-8.3	-34.8
Part-time	5 255	5 815	6 400	6 535	5 805	-11.1	10.4
<b>EMPLOYER TYPE</b>							
Government	1 045	800	640	665	535	-20.0	-49.0
Private sector	37 595	35 325	31 815	28 830	26 255	-8.9	-30.2
Group training scheme	3 745	3 505	3 240	3 450	3 230	-6.4	-13.7
<b>TRADES (Occupation, ANZSCO group)</b>							
Engineering, ICT and science technicians	1 860	1 670	835	540	440	-18.4	-76.4
Automotive and engineering trades workers	7 110	6 035	5 625	6 240	6 975	11.8	-1.9
Construction trades workers	4 290	4 505	3 915	3 375	2 985	-11.5	-30.4
Electrotechnology and telecommunications trades workers	4 945	4 800	4 265	4 090	3 885	-5.0	-21.5
Food trades workers	950	935	980	920	915	-0.8	-3.6
Skilled animal and horticultural workers	400	335	325	315	340	7.4	-15.3
Other technicians and trades workers	4 950	4 415	3 070	2 170	1 780	-17.9	-64.0
<b>NON-TRADES (Occupation, ANZSCO group)</b>							
Managers	1 280	1 870	1 745	1 150	560	-51.0	-56.0
Professionals	205	230	125	85	90	8.3	-56.1
Community and personal service workers	5 685	5 275	5 120	4 405	3 890	-11.7	-31.6
Clerical and administrative workers	4 765	3 225	3 135	2 945	2 195	-25.6	-54.0
Sales workers	1 685	1 590	1 410	1 190	1 050	-12.0	-37.7
Machinery operators and drivers	2 370	2 915	3 300	3 675	3 340	-9.1	41.0
Labourers	1 900	1 835	1 845	1 850	1 575	-14.9	-17.1
<b>AQF QUALIFICATION LEVEL</b>							
Certificate I or II	1 910	2 310	2 585	2 990	2 790	-6.6	46.3
Certificate III	28 205	26 830	25 845	24 880	24 040	-3.4	-14.8
Certificate IV	10 415	8 395	5 290	3 745	2 325	-37.9	-77.7
Diploma/advanced diploma	1 860	2 095	1 970	1 335	860	-35.4	-53.6
<b>EXISTING WORKER</b>							
Existing worker	15 825	14 550	11 870	9 445	6 195	-34.5	-60.9
Newly commencing worker	26 565	25 080	23 825	23 500	23 825	1.4	-10.3
<b>TOTAL</b>	<b>42 390</b>	<b>39 630</b>	<b>35 695</b>	<b>32 950</b>	<b>30 020</b>	<b>-8.9</b>	<b>-29.2</b>

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**ADDITIONAL INFORMATION:**

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 five. Rounding can lead to instances where the numbers in the body of a given table might not add to the rounded totals.

Unknown data have not been reported in any tables, whereas the total includes all contracts, including those with unknown status. Hence, some figures in the tables may not sum to the total.

As the vocations approved to be under an apprenticeship or traineeship training contract are not consistent across all jurisdictions, NCVER has adopted a Trade/Non-trade categorisation for the purpose of the National Apprentices and Trainees Collection with 'Trades' classified as all occupations listed under ANZSCO major group '3-Tecnicians and trades workers' and 'Non-trades' classified as all other major occupations groups 1-2 and 4-8 (ANZSCO, First edition, Revision 2). ANZSCO has been back-cast by NCVER to 1994 for reporting purposes. For further information on the methodology, see <https://www.ncver.edu.au/research-and-statistics/publications/all-publications/anzsco-imputation-in-the-national-apprentice-and-trainee-collection>.

In September 2016, NCVER implemented a number of collection and system changes and as such some activity may differ to that reported in previous publications. These changes included implementation of release 7.0 of the AVETMIS Standard for apprentices and trainees, and migration of the historical data collections to a new database.

For more detailed information refer to the 'Apprentices and trainees 2019 March quarter: data slicer' available at <https://www.ncver.edu.au/research-and-statistics/collection/apprentices-and-trainees-collection>. 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 2019 – March quarter*, NCVER, Adelaide.

This infographic should be attributed as *Apprentices and trainees 2019: March quarter – Western Australia*, NCVER, Adelaide.

**SOURCE:** National Centre for Vocational Education Research (NCVER), National Apprentice and Trainee collection no. 100, June 2019 estimates, Australian Bureau of Statistics (ABS), Labour force, Australian, detailed quarterly, November 2018 (as at February 2019), cat. no. 6291.0.55.003.

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