

Australian vocational education and training statistics

## Apprentices and trainees 2021 June quarter



### Australia - quarterly



National Centre for Vocational Education Research

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#### **Commencements highlights - Australia**

as at June quarter 2021





**20 905 trades** (**up 115.5%** from June quarter 2020)



**26 875 non-trades** (**up 112.9%** from June quarter 2020)



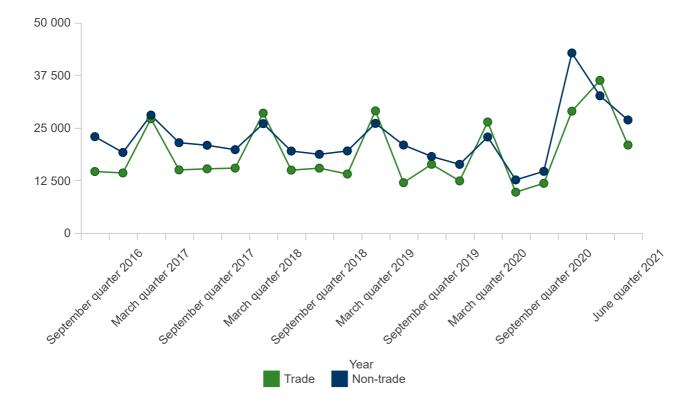
**29 320 males (up 103.0%** from June quarter 2020)



**18 460 females** (**up 134.3**% from June quarter 2020)

### Commencements trends - Australia





#### Change in commencements numbers - Australia

from 30 June quarter 2020

Construction Trades Workers (Trade) ↑ 3 060 (96.7%) Clerical and Administrative Workers (Non-trade) ↑ 5 185 (175.8%) Private sector ↑ 22 425 (112.7%) Newly commencing worker ↑ 24 610 (137.9%) Certificate III ↑ 18 775 (110.4%) Full-time ↑ 18 630 (112.2%) 15 to 19 years ↑ 8 865 (102.8%)

#### Commencements time series for trade occupations - Australia

as at June quarter 2021

Trade occupations	2017 Jun Qtr	2018 Jun Qtr	2019 Jun Qtr	2020 Jun Qtr	2021 Jun Qtr	% change 2017- 2021	% change 2020- 2021
Automotive and Engineering Trades Workers	3 175	3 350	2 945	2 100	4 685	47.7%	123.1%
Construction Trades Workers	4 740	4 700	2 850	3 160	6 220	31.2%	96.7%
Electrotechnology and Telecommunications Trades Workers	2 500	2 555	2 260	1 700	3 505	40.2%	106.0%
Engineering, ICT and Science Technicians	575	530	715	450	1 380	141.0%	205.6%
Food Trades Workers	1 515	1 380	1 200	785	1 600	5.6%	104.2%
Other Technicians and Trades Workers	1 715	1 680	1 215	930	2 245	30.7%	141.7%
Skilled Animal and Horticultural Workers	785	740	775	575	1 270	62.3%	120.9%
Total	15 000	14 940	11 960	9 705	20 905	39.4%	115.5%

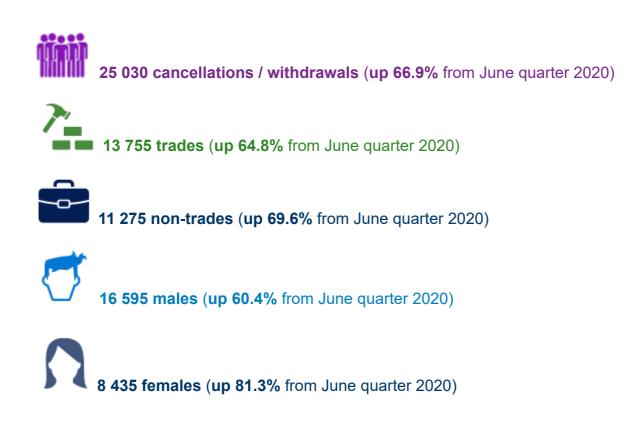
#### Commencements time series for non-trade occupations - Australia

as at June quarter 2021

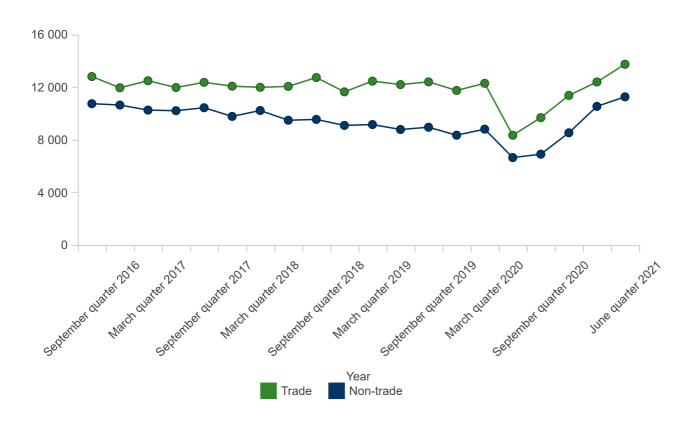
Non-trade occupations	2017 Jun Qtr	2018 Jun Qtr	2019 Jun Qtr	2020 Jun Qtr	2021 Jun Qtr	% change 2017- 2021	% change 2020- 2021
Clerical and Administrative Workers	4 265	3 970	4 765	2 950	8 135	90.6%	175.8%
Community and Personal Service Workers	6 130	5 730	6 180	3 670	7 700	25.6%	109.7%
Labourers	2 910	2 845	2 490	1 630	2 865	-1.5%	75.6%
Machinery operators and Drivers	3 620	3 760	3 795	1 990	2 975	-17.8%	49.6%
Managers	475	335	525	495	745	57.0%	49.7%
Professionals	130	120	130	155	565	338.7%	269.9%
Sales Workers	3 950	2 725	3 030	1 730	3 895	-1.3%	125.0%
Total	21 475	19 485	20 920	12 620	26 875	25.2%	112.9%

#### **Cancellations / withdrawals highlights - Australia**

as at June quarter 2021



#### Cancellations / withdrawals trends - Australia Quarterly



#### Change in cancellations / withdrawals numbers - Australia

from 30 June quarter 2020

Construction Trades Workers (Trade) ↑ 1 555 (54.7%) Clerical and Administrative Workers (Non-trade) ↑ 1 720 (143.9%) Private sector ↑ 9 165 (67.1%) Newly commencing worker ↑ 8 270 (60.4%) Certificate III ↑ 7 600 (60.0%) Full-time ↑ 7 665 (64.5%) 15 to 19 years ↑ 3 435 (68.7%)

## Cancellations / withdrawals time series for trade occupations - Australia

as at June quarter 2021

Trade occupations	2017 Jun Qtr	2018 Jun Qtr	2019 Jun Qtr	2020 Jun Qtr	2021 Jun Qtr	% change 2017- 2021	% change 2020- 2021
Automotive and Engineering Trades Workers	1 980	2 275	2 450	1 950	2 865	44.4%	46.8%
Construction Trades Workers	4 185	4 385	4 275	2 835	4 390	4.9%	54.7%
Electrotechnology and Telecommunications Trades Workers	1 995	1 990	2 190	1 465	2 455	22.9%	67.6%
Engineering, ICT and Science Technicians	195	195	225	160	385	99.7%	144.2%
Food Trades Workers	1 505	1 295	1 165	660	1 240	-17.7%	87.6%
Other Technicians and Trades Workers	1 615	1 410	1 390	910	1 580	-2.0%	73.3%
Skilled Animal and Horticultural Workers	515	520	515	370	845	64.7%	129.3%
Total	11 985	12 070	12 210	8 350	13 755	14.7%	64.8%

## Cancellations / withdrawals time series for non-trade occupations - Australia

as at June quarter 2021

Non-trade occupations	2017 Jun Qtr	2018 Jun Qtr	2019 Jun Qtr	2020 Jun Qtr	2021 Jun Qtr	% change 2017- 2021	% change 2020- 2021
Clerical and Administrative Workers	1 830	1 795	1 800	1 195	2 915	59.4%	143.9%
Community and Personal Service Workers	3 455	2 985	2 760	2 520	3 550	2.8%	40.8%
Labourers	1 245	1 270	1 230	825	1 250	0.5%	51.6%
Machinery operators and Drivers	1 595	1 830	1 715	1 195	1 310	-17.8%	9.7%
Managers	385	275	195	130	470	21.8%	256.8%
Professionals	35	45	55	45	175	367.9%	304.8%
Sales Workers	1 680	1 300	1 040	740	1 610	-4.1%	117.5%
Total	10 220	9 495	8 790	6 650	11 275	10.3%	69.6%

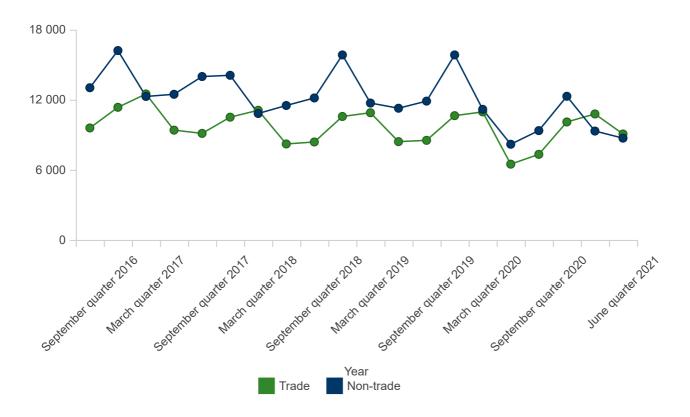
#### **Completions highlights - Australia**

as at June quarter 2021



#### **Completions trends - Australia**

Quarterly



#### Change in completions numbers - Australia

from 30 June quarter 2020

Construction Trades Workers (Trade) ↑ 850 (44.1%) Sales Workers (Non-trade) ↑ 310 (31.0%) Private sector ↑ 2 650 (21.3%) Newly commencing worker ↑ 2 560 (20.1%) Certificate III ↑ 2 565 (21.8%) Full-time ↑ 2 665 (22.4%) 20 to 24 years ↑ 1 780 (30.3%)

#### Completions time series for trade occupations - Australia

as at June quarter 2021

Trade occupations	2017 Jun Qtr	2018 Jun Qtr	2019 Jun Qtr	2020 Jun Qtr	2021 Jun Qtr	% change 2017- 2021	% change 2020- 2021
Automotive and Engineering Trades Workers	2 105	1 930	1 925	1 585	2 245	6.7%	41.6%
Construction Trades Workers	2 275	2 455	2 655	1 930	2 785	22.2%	44.1%
Electrotechnology and Telecommunications Trades Workers	1 810	1 665	1 700	1 450	1 920	6.1%	32.6%
Engineering, ICT and Science Technicians	335	305	225	275	275	-17.5%	0.9%
Food Trades Workers	850	710	620	360	615	-27.5%	71.0%
Other Technicians and Trades Workers	1 640	875	955	625	845	-48.6%	35.5%
Skilled Animal and Horticultural Workers	390	280	340	270	395	1.3%	45.0%
Total	9 405	8 220	8 420	6 490	9 075	-3.5%	39.8%

#### Completions time series for non-trade occupations - Australia

as at June quarter 2021

Non-trade occupations	2017 Jun Qtr	2018 Jun Qtr	2019 Jun Qtr	2020 Jun Qtr	2021 Jun Qtr	% change 2017- 2021	% change 2020- 2021
Clerical and Administrative Workers	2 015	2 385	2 195	1 960	1 865	-7.5%	-4.9%
Community and Personal Service Workers	3 690	3 410	3 630	2 305	2 425	-34.3%	5.2%
Labourers	1 245	1 245	1 545	800	1 000	-19.7%	25.0%
Machinery operators and Drivers	1 575	2 370	1 955	1 915	1 820	15.5%	-5.1%
Managers	380	310	230	165	240	-37.1%	43.2%
Professionals	80	45	75	50	70	-13.0%	41.3%
Sales Workers	3 495	1 745	1 650	995	1 305	-62.6%	31.0%
Total	12 475	11 515	11 280	8 195	8 720	-30.1%	6.4%

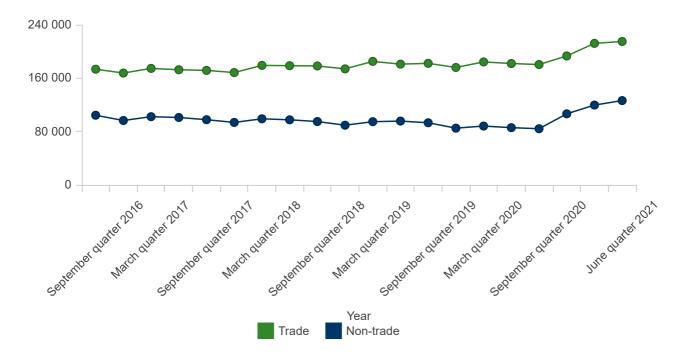
#### In-training highlights - Australia

as at 30 June 2021



### In-training trends - Australia

Quarterly



### Change in in-training numbers - Australia

from 30 June 2020

Construction Trades Workers (Trade) ↑ 9 845 (17.4%) Clerical and Administrative Workers (Non-trade) ↑ 15 035 (94.2%) Private sector ↑ 70 305 (30.0%) Newly commencing worker ↑ 57 650 (24.6%) Certificate III ↑ 49 530 (21.3%) Full-time ↑ 53 640 (24.7%) 15 to 19 years ↑ 19 655 (22.1%)

#### In-training time series for trade occupations - Australia

as at 30 June 2021

Trade occupations	2017 Jun Qtr	2018 Jun Qtr	2019 Jun Qtr	2020 Jun Qtr	2021 Jun Qtr	% change 2017- 2021	% change 2020- 2021
Automotive and Engineering Trades Workers	41 315	43 785	46 500	47 860	54 360	31.6%	13.6%
Construction Trades Workers	54 875	58 300	56 870	56 625	66 465	21.1%	17.4%
Electrotechnology and Telecommunications Trades Workers	36 325	38 190	40 225	41 360	46 305	27.5%	12.0%
Engineering, ICT and Science Technicians	3 230	3 075	3 295	3 505	6 060	87.5%	73.0%
Food Trades Workers	13 525	12 335	11 705	10 955	13 065	-3.4%	19.3%
Other Technicians and Trades Workers	16 425	16 205	15 205	14 420	19 120	16.4%	32.6%
Skilled Animal and Horticultural Workers	6 910	6 780	7 170	7 205	9 595	38.8%	33.1%
Total	172 610	178 670	180 975	181 925	214 970	24.5%	18.2%

#### In-training time series for non-trade occupations - Australia

as at 30 June 2021

Non-trade occupations	2017 Jun Qtr	2018 Jun Qtr	2019 Jun Qtr	2020 Jun Qtr	2021 Jun Qtr	% change 2017- 2021	% change 2020- 2021
Clerical and Administrative Workers	17 470	16 935	17 225	15 970	31 010	77.5%	94.2%
Community and Personal Service Workers	33 375	31 375	31 325	29 205	40 060	20.0%	37.2%
Labourers	11 525	11 900	10 485	9 430	13 715	19.0%	45.5%
Machinery operators and Drivers	17 335	18 980	19 445	15 585	15 195	-12.3%	-2.5%
Managers	4 295	3 275	3 125	2 930	5 530	28.7%	88.7%
Professionals	785	670	700	750	2 005	155.3%	166.9%
Sales Workers	16 255	14 450	13 335	11 915	18 890	16.2%	58.5%
Total	101 045	97 580	95 635	85 790	126 410	25.1%	47.4%

#### Time series - Australia

Quarter	Commencements	Cancellations and withdrawals	Completions	In-training at the end of the quarter
September quarter 2016	37 515	23 575	22 620	277 800
December quarter 2016	33 425	22 615	27 580	264 155
March quarter 2017	55 210	22 765	24 790	276 860
June quarter 2017	36 475	22 205	21 880	273 655
September quarter 2017	36 115	22 825	23 115	269 355
December quarter 2017	35 225	21 870	24 620	261 995
March quarter 2018	54 510	22 235	21 930	278 190
June quarter 2018	34 430	21 565	19 735	276 250
September quarter 2018	34 120	22 300	20 550	273 210
December quarter 2018	33 525	20 755	26 420	263 395
March quarter 2019	55 105	21 635	22 620	279 850
June quarter 2019	32 880	21 000	19 700	276 620
September quarter 2019	34 515	21 375	20 425	275 380
December quarter 2019	28 705	20 115	26 490	261 065
March quarter 2020	49 230	21 130	22 150	272 525
June quarter 2020	22 325	15 000	14 685	267 720
September quarter 2020	26 465	16 600	16 695	264 585
December quarter 2020	71 770	19 925	22 415	299 800
March quarter 2021	68 910	22 955	20 115	331 740
June quarter 2021	47 785	25 030	17 795	341 385



Australian vocational education and training statistics

## Apprentices and trainees 2021 June quarter

Australia - 12 months ending 30 June

National Centre for Vocational Education Research

#### **Commencements highlights - Australia**

12 months ending 30 June 2021





**97 950 trades** (**up 51.1%** from 2020)



**116 975 non-trades** (**up 67.2%** from 2020)



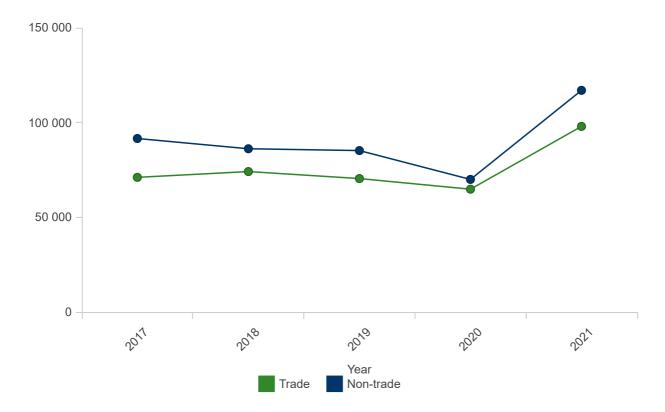
134 530 males (up 52.6% from 2020)



80 395 females (up 72.5% from 2020)

#### **Commencements trends - Australia**

12 months ending 30 June



### Change in commencements numbers - Australia

from 2020 to 2021

Construction Trades Workers (Trade) ↑ 9 865 (52.9%) Clerical and Administrative Workers (Non-trade) ↑ 17 350 (113.3%) Private sector ↑ 75 190 (64.2%) Newly commencing worker ↑ 61 645 (52.3%) Certificate III ↑ 53 220 (49.2%) Full-time ↑ 58 720 (59.0%) 15 to 19 years ↑ 26 165 (41.2%)

#### **Commencements time series for trade occupations - Australia**

12 months ending 30 June

Trade occupations	2017	2018	2019	2020	2021	% change 2017- 2021	% change 2020- 2021
Automotive and Engineering Trades Workers	16 065	17 925	18 165	16 690	22 550	40.4%	35.1%
Construction Trades Workers	21 675	22 895	19 365	18 665	28 530	31.6%	52.9%
Electrotechnology and Telecommunications Trades Workers	12 400	13 355	13 930	12 465	17 120	38.1%	37.4%
Engineering, ICT and Science Technicians	2 260	2 265	2 560	2 290	5 195	129.7%	126.9%
Food Trades Workers	7 020	5 985	5 895	5 110	7 365	4.9%	44.1%
Other Technicians and Trades Workers	7 985	8 085	6 755	6 245	11 160	39.8%	78.8%
Skilled Animal and Horticultural Workers	3 650	3 610	3 760	3 350	6 030	65.1%	80.0%
Total	71 060	74 120	70 425	64 815	97 950	37.8%	51.1%

#### Commencements time series for non-trade occupations - Australia

12 months ending 30 June

Non-trade occupations	2017	2018	2019	2020	2021	% change 2017- 2021	% change 2020- 2021
Clerical and Administrative Workers	17 605	17 285	18 385	15 320	32 675	85.6%	113.3%
Community and Personal Service Workers	28 445	26 600	27 775	23 800	34 150	20.1%	43.5%
Labourers	11 410	11 845	10 695	8 955	13 455	17.9%	50.3%
Machinery operators and Drivers	14 185	15 845	14 680	10 805	12 250	-13.6%	13.4%
Managers	2 920	2 030	2 060	1 895	5 030	72.1%	165.3%
Professionals	440	430	535	535	1 950	341.2%	263.2%
Sales Workers	16 555	12 125	11 065	8 650	17 460	5.5%	101.9%
Total	91 565	86 155	85 195	69 965	116 975	27.8%	67.2%

#### **Cancellations / withdrawals highlights - Australia**

12 months ending 30 June 2021





**37 270 non-trades** (**up 13.7%** from 2020)



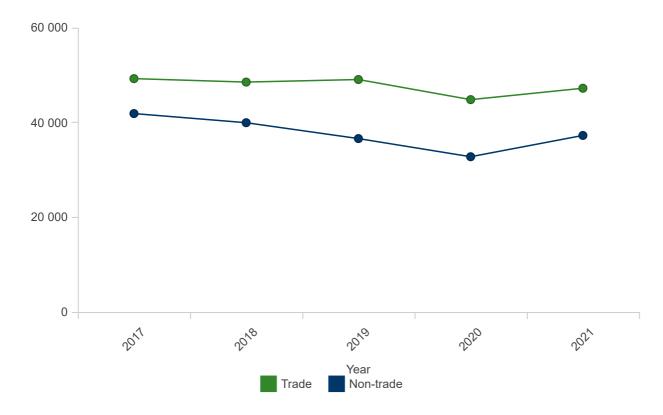
**56 820 males (up 4.8%** from 2020)



27 690 females (up 18.5% from 2020)

#### Cancellations / withdrawals trends - Australia

12 months ending 30 June



#### Change in cancellations / withdrawals numbers - Australia from 2020 to 2021

**Skilled Animal and Horticultural Workers (Trade) ↑** 610 (31.7%) **Clerical and Administrative Workers (Non-trade) 1** 895 (29.5%) **Private sector ↑** 6 275 (8.9%) Newly commencing worker **1** 3 805 (5.3%) **Certificate III 1** 3 430 (5.2%) **Full-time 1** 4 495 (7.4%) 15 to 19 years **1** 2 050 (7.4%)

### Cancellations / withdrawals time series for trade occupations - Australia

12 months ending 30 June

Trade occupations	2017	2018	2019	2020	2021	% change 2017- 2021	% change 2020- 2021
Automotive and Engineering Trades Workers	8 665	8 940	9 610	9 440	10 040	15.9%	6.4%
Construction Trades Workers	16 410	17 440	17 430	15 305	15 580	-5.1%	1.8%
Electrotechnology and Telecommunications Trades Workers	7 565	7 660	8 380	7 900	8 250	9.0%	4.4%
Engineering, ICT and Science Technicians	1 000	825	860	790	1 170	16.6%	47.5%
Food Trades Workers	6 770	5 795	5 125	4 290	4 340	-35.9%	1.2%
Other Technicians and Trades Workers	6 730	5 735	5 605	5 170	5 320	-21.0%	2.8%
Skilled Animal and Horticultural Workers	2 125	2 140	2 065	1 930	2 540	19.6%	31.7%
Total	49 265	48 535	49 075	44 830	47 235	-4.1%	5.4%

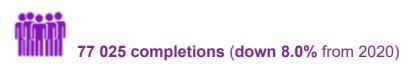
### Cancellations / withdrawals time series for non-trade occupations - Australia

12 months ending 30 June

Non-trade occupations	2017	2018	2019	2020	2021	% change 2017- 2021	% change 2020- 2021
Clerical and Administrative Workers	7 690	7 245	7 175	6 425	8 320	8.2%	29.5%
Community and Personal Service Workers	14 005	12 405	11 995	11 365	12 375	-11.6%	8.9%
Labourers	5 525	5 500	5 275	4 050	4 440	-19.6%	9.6%
Machinery operators and Drivers	5 510	7 290	6 645	6 195	5 250	-4.7%	-15.2%
Managers	1 740	1 205	770	615	1 225	-29.5%	100.0%
Professionals	215	175	200	195	395	84.4%	105.6%
Sales Workers	7 210	6 145	4 555	3 935	5 260	-27.0%	33.7%
Total	41 890	39 960	36 610	32 780	37 270	-11.0%	13.7%

#### **Completions highlights - Australia**

12 months ending 30 June 2021





**37 305 trades** (**up 1.8%** from 2020)



**39 715 non-trades** (**down 15.7%** from 2020)



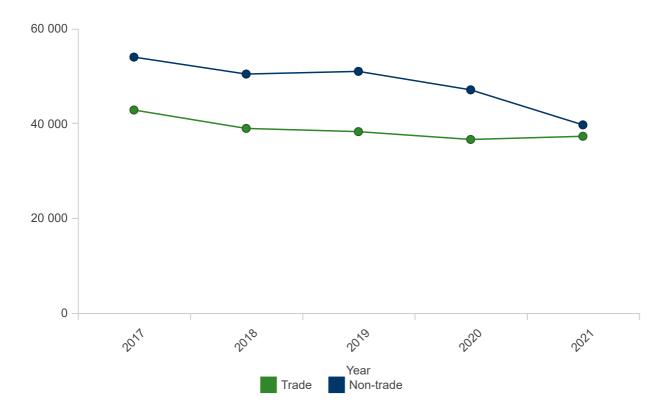
**50 535 males (down 5.9%** from 2020)



26 490 females (down 11.8% from 2020)

#### **Completions trends - Australia**

12 months ending 30 June



#### Change in completions numbers - Australia

from 2020 to 2021

Electrotechnology and Telecommunications Trades Workers (Trade) ↑ 785 (10.9%) Community and Personal Service Workers (Non-trade) ↓ 2 935 (18.7%) Private sector ↓ 5 965 (8.5%) Newly commencing worker ↓ 5 900 (8.0%) Certificate III ↓ 4 355 (6.5%) Full-time ↓ 4 480 (7.0%) 15 to 19 years ↓ 2 610 (13.9%)

#### Completions time series for trade occupations - Australia

12 months ending 30 June

Trade occupations	2017	2018	2019	2020	2021	% change 2017- 2021	% change 2020- 2021
Automotive and Engineering Trades Workers	10 945	9 855	9 240	8 990	9 770	-10.7%	8.7%
Construction Trades Workers	9 660	10 650	11 460	11 125	10 930	13.2%	-1.8%
Electrotechnology and Telecommunications Trades Workers	8 640	7 490	7 465	7 205	7 990	-7.5%	10.9%
Engineering, ICT and Science Technicians	1 860	1 470	1 440	1 275	1 330	-28.5%	4.3%
Food Trades Workers	3 590	3 210	3 045	2 680	2 390	-33.4%	-10.8%
Other Technicians and Trades Workers	6 200	4 420	4 030	3 645	3 290	-47.0%	-9.8%
Skilled Animal and Horticultural Workers	1 955	1 870	1 605	1 710	1 610	-17.7%	-6.0%
Total	42 850	38 965	38 285	36 635	37 305	-12.9%	1.8%

#### Completions time series for non-trade occupations - Australia

12 months ending 30 June

Non-trade occupations	2017	2018	2019	2020	2021	% change 2017- 2021	% change 2020- 2021
Clerical and Administrative Workers	9 790	9 910	10 405	9 835	8 935	-8.8%	-9.2%
Community and Personal Service Workers	17 370	16 980	16 945	15 675	12 740	-26.7%	-18.7%
Labourers	5 930	6 040	6 670	5 675	4 495	-24.2%	-20.8%
Machinery operators and Drivers	6 585	7 545	7 905	8 280	7 010	6.5%	-15.3%
Managers	1 880	1 625	1 200	1 275	1 010	-46.3%	-20.9%
Professionals	360	330	305	290	285	-21.1%	-2.9%
Sales Workers	12 105	8 010	7 575	6 080	5 245	-56.7%	-13.7%
Total	54 020	50 440	51 005	47 110	39 715	-26.5%	-15.7%

#### Time series - Australia

12 months ending 30 June	Commencements	Cancellations and withdrawals	Completions
2017	162 625	91 160	96 870
2018	160 280	88 495	89 400
2019	155 630	85 690	89 290
2020	134 780	77 615	83 745
2021	214 930	84 510	77 025

#### **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-Technicians 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 <<u>https://www.ncver.edu.au/research-and-statistics/publications/all-publications/anzsco-imputation-in-the-nationalapprentice-and-trainee-collection</u>>.

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 2021 June quarter: DataBuilder' available at <<u>https://www.ncver.edu.au/research-and-statistics/data/databuilder</u>> The DataBuilder allows users to quickly create customised tables using the latest Apprentice and trainee data, filter by a selection of variables and compare training activity over time. Users can view quarterly and annual data for commencements, completions, cancellations/ withdrawals and in-training.

This infographic is drawn from Australian vocational education and training statistics: apprentices and trainees 2021 — June quarter, NCVER, Adelaide.

SOURCE: National Centre for Vocational Education Research (NCVER), National Apprentice and Trainee collection no. 109, September 2021 estimates, Australian Bureau of Statistics (ABS), Labour force, Australian, detailed, May 2021 (as at August 2021), cat. no. 6291.0.55.001.

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For details and exceptions visit the NCVER Portal.

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