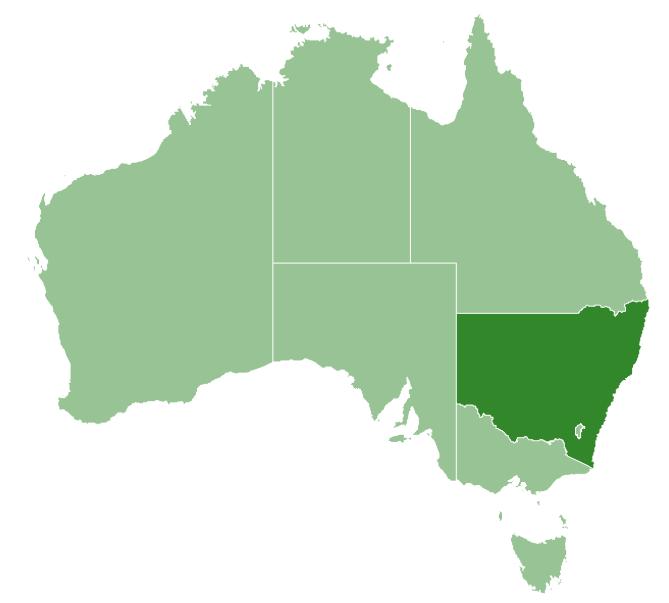


Australian vocational education and training statistics

Apprentices and trainees 2021 September quarter



Quarterly - New South Wales



INFORMING + INFLUENCING THE AUSTRALIAN VET SECTOR

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Quarterly - New South Wales

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Commencements

Commencements highlights

as at September quarter 2021



10 900 commencements (up 50.4% from September quarter 2020)



4 155 trades (up 31.9% from September quarter 2020)



6 745 non-trades (up 64.7% from September quarter 2020)



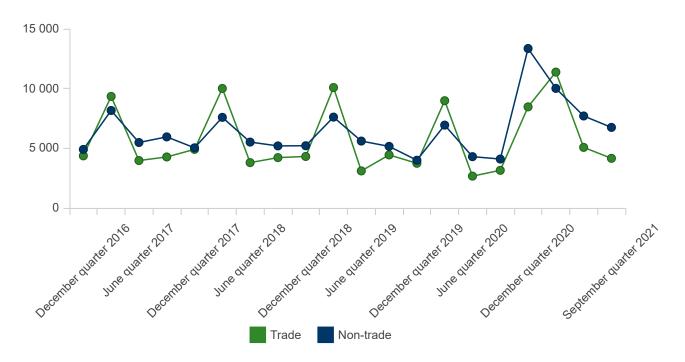
6 400 males (up 50.6% from September quarter 2020)



4 505 females (up 50.2% from September quarter 2020)

Commencements trends

Quarterly



Change in commencements numbers

from September quarter 2020 to September quarter 2021

Construction Trades Workers (Trade)

1 485 (55.3%)

Clerical and Administrative Workers (Non-trade)

1 105 (127.1%)

Private sector

1 3 400 (54.9%)

Newly commencing worker

1 3 170 (44.7%)

Certificate III

1 730 (29.9%)

Full-time

1 2 855 (50.7%)

30 to 39 years

↑ 905 (102.1%)

Commencements time series for trade occupations

as at September quarter 2021

Trade occupations	2017 Sep Qtr	2018 Sep Qtr	2019 Sep Qtr	2020 Sep Qtr	2021 Sep Qtr	% change 2017- 2021	% change 2020- 2021
Automotive and Engineering Trades Workers	895	825	1 000	705	930	4.2	32.5
Construction Trades Workers	1 445	1 350	1 380	875	1 360	-5.9	55.3
Electrotechnology and Telecommunications Trades Workers	760	905	865	620	630	-17.3	1.7
Engineering, ICT and Science Technicians	145	130	135	100	460	221.5	350.8
Food Trades Workers	380	385	400	260	195	-48.4	-25.3
Other Technicians and Trades Workers	420	395	440	355	265	-36.0	-24.7
Skilled Animal and Horticultural Workers	235	225	215	235	315	34.9	33.2
Total	4 270	4 215	4 440	3 150	4 155	-2.7	31.9

Commencements time series for non-trade occupations

as at September quarter 2021

Non-trade occupations	2017 Sep Qtr	2018 Sep Qtr	2019 Sep Qtr	2020 Sep Qtr	2021 Sep Qtr	% change 2017- 2021	% change 2020- 2021
Clerical and Administrative Workers	1 250	1 105	1 105	870	1 980	58.0	127.1
Community and Personal Service Workers	1 700	1 645	1 760	1 785	1 780	4.9	-0.1
Labourers	810	605	570	390	565	-30.2	45.0
Machinery operators and Drivers	1 250	1 150	1 075	475	760	-39.0	60.3
Managers	75	85	75	75	235	212.2	204.1
Professionals	15	15	25	25	170	1040.6	643.9
Sales Workers	850	595	545	475	1 255	47.6	162.7
Total	5 950	5 195	5 155	4 095	6 745	13.4	64.7

Cancellations and withdrawals



Cancellations / withdrawals highlights

as at September quarter 2021



7 465 cancellations / withdrawals (up 29.4% from September quarter 2020)



4 165 trades (**up 17.2%** from September quarter 2020)



3 300 non-trades (up 49.0% from September quarter 2020)



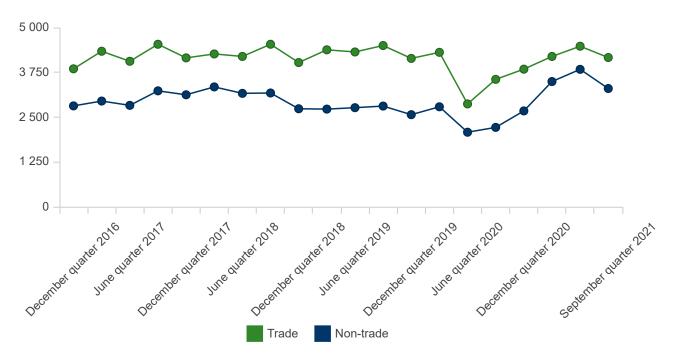
5 025 males (up 24.9% from September quarter 2020)



2 440 females (up 39.8% from September quarter 2020)

Cancellations / withdrawals trends





Change in cancellations / withdrawals numbers

from September quarter 2020 to September quarter 2021

Construction Trades Workers (Trade) ↑ 235 (19.6%) Clerical and Administrative Workers (Non-trade) ↑ 430 (105.6%) Private sector ↑ 1 495 (28.5%) Newly commencing worker ↑ 1 405 (24.7%) Certificate III ↑ 975 (19.9%) Full-time ↑ 1 455 (30.0%) 15 to 19 years ↑ 540 (25.0%)

Cancellations / withdrawals time series for trade occupations

as at September quarter 2021

Trade occupations	2017 Sep Qtr	2018 Sep Qtr	2019 Sep Qtr	2020 Sep Qtr	2021 Sep Qtr	% change 2017- 2021	% change 2020- 2021
Automotive and Engineering Trades Workers	880	805	785	730	880	-0.3	20.0
Construction Trades Workers	1 645	1 690	1 720	1 210	1 445	-12.1	19.6
Electrotechnology and Telecommunications Trades Workers	825	940	935	725	940	14.4	29.9
Engineering, ICT and Science Technicians	60	55	50	45	105	76.6	140.2
Food Trades Workers	500	410	365	315	265	-47.1	-16.4
Other Technicians and Trades Workers	415	430	455	330	280	-32.1	-14.3
Skilled Animal and Horticultural Workers	210	205	185	200	250	18.1	25.0
Total	4 535	4 535	4 500	3 555	4 165	-8.1	17.2

Cancellations / withdrawals time series for non-trade occupations

as at September quarter 2021

Non-trade occupations	2017 Sep Qtr	2018 Sep Qtr	2019 Sep Qtr	2020 Sep Qtr	2021 Sep Qtr	% change 2017- 2021	% change 2020- 2021
Clerical and Administrative Workers	595	605	515	410	840	41.2	105.6
Community and Personal Service Workers	955	955	855	810	1 065	11.7	31.6
Labourers	430	405	275	250	275	-35.7	10.3
Machinery operators and Drivers	680	720	715	370	275	-59.9	-25.7
Managers	50	45	40	35	115	120.7	236.7
Professionals	10	15	10	15	80	581.5	509.0
Sales Workers	510	435	395	330	650	27.0	96.1
Total	3 235	3 175	2 810	2 215	3 300	2.1	49.0

Completions



Completions highlights

as at September quarter 2021



4 920 completions (up 2.2% from September quarter 2020)



2 335 trades (up 15.7% from September quarter 2020)



2 585 non-trades (down 7.6% from September quarter 2020)



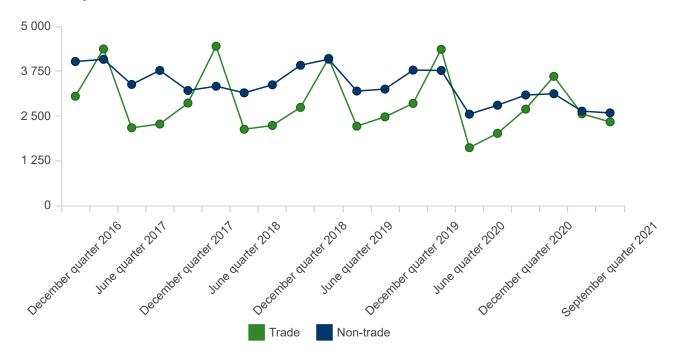
2 945 males (up 1.6% from September quarter 2020)



1 975 females (**up 3.0%** from September quarter 2020)

Completions trends

Quarterly



Change in completions numbers

from September quarter 2020 to September quarter 2021

Construction Trades Workers (Trade)

1 255 (49.3%)

Machinery operators and Drivers (Non-trade)

↓ 240 (42.1%)

Government

↓ 120 (19.6%)

Newly commencing worker

↑ 90 (1.9%)
Diploma
↑ 75 (31.4%)
Full-time

1 215 (5.4%)

20 to 24 years

↑ 275 (14.1%)

Completions time series for trade occupations

as at September quarter 2021

Trade occupations	2017 Sep Qtr	2018 Sep Qtr	2019 Sep Qtr	2020 Sep Qtr	2021 Sep Qtr	% change 2017- 2021	% change 2020- 2021
Automotive and Engineering Trades Workers	600	450	540	505	530	-11.9	4.8
Construction Trades Workers	570	795	820	520	780	36.5	49.3
Electrotechnology and Telecommunications Trades Workers	410	355	465	585	555	35.2	-5.5
Engineering, ICT and Science Technicians	50	80	85	65	75	50.3	16.9
Food Trades Workers	265	225	220	120	150	-43.4	23.5
Other Technicians and Trades Workers	260	220	205	140	160	-38.0	16.8
Skilled Animal and Horticultural Workers	120	105	135	85	90	-26.8	6.7
Total	2 275	2 235	2 475	2 015	2 335	2.6	15.7

Completions time series for non-trade occupations

as at September quarter 2021

Non-trade occupations	2017 Sep Qtr	2018 Sep Qtr	2019 Sep Qtr	2020 Sep Qtr	2021 Sep Qtr	% change 2017- 2021	% change 2020- 2021
Clerical and Administrative Workers	710	590	550	500	410	-41.8	-17.3
Community and Personal Service Workers	1 400	1 145	1 220	1 015	1 150	-17.8	13.7
Labourers	350	335	290	140	130	-62.3	-5.5
Machinery operators and Drivers	450	610	495	575	335	-25.7	-42.1
Managers	60	50	50	40	55	-9.6	36.8
Professionals	30	15	20	15	15	-54.3	-1.5
Sales Workers	775	625	630	520	490	-36.7	-5.8
Total	3 770	3 370	3 250	2 800	2 585	-31.4	-7.6

In-training



In-training highlights

as at September quarter 2021



107 845 in-training (up **29.0%** from 30 September 2020)



2.7% of workers were employed as an apprentice or trainee



14.4% of employed workers within the trade occupations were an apprentice or trainee



65 840 trades (up 15.3% from 30 September 2020)



42 005 non-trades (up 58.6% from 30 September 2020)



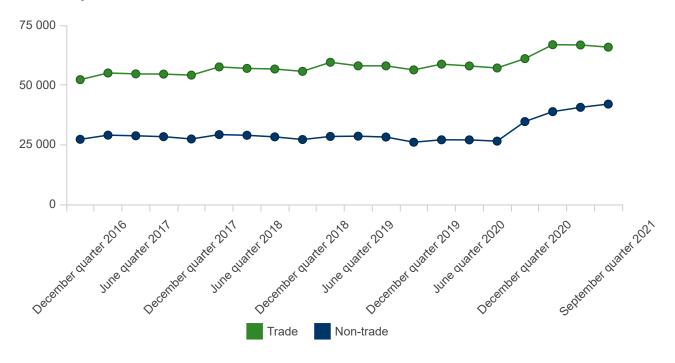
76 410 males (up 21.1% from 30 September 2020)



31 430 females (**up 53.0%** from 30 September 2020)

In-training trends

Quarterly



Change in in-training numbers

from 30 September 2020 to September 2021

Construction Trades Workers (Trade)

1 2 880 (15.5%)

Clerical and Administrative Workers (Non-trade)

↑ 5 590 (108.4%)

Private sector

↑ 23 830 (33.1%)

Newly commencing worker

↑ 19 755 (24.2%) Certificate III ↑ 14 295 (19.7%) Full-time

17 635 (24.4%)

20 to 24 years

↑ 6 375 (21.4%)

In-training time series for trade occupations

as at September 2021

Trade occupations	2017 Sep Qtr	2018 Sep Qtr	2019 Sep Qtr	2020 Sep Qtr	2021 Sep Qtr	% change 2017- 2021	% change 2020- 2021
Automotive and Engineering Trades Workers	12 515	13 160	14 050	13 975	15 700	25.4	12.3
Construction Trades Workers	19 050	19 835	19 305	18 570	21 450	12.6	15.5
Electrotechnology and Telecommunications Trades Workers	11 685	12 750	13 900	14 060	15 110	29.3	7.5
Engineering, ICT and Science Technicians	940	935	905	945	1 720	82.7	81.5
Food Trades Workers	3 730	3 410	3 220	2 980	3 390	-9.1	13.9
Other Technicians and Trades Workers	4 260	4 270	4 270	4 150	5 235	22.9	26.1
Skilled Animal and Horticultural Workers	2 370	2 335	2 360	2 440	3 230	36.3	32.6
Total	54 555	56 690	58 010	57 120	65 840	20.7	15.3

In-training time series for non-trade occupations

as at September 2021

Non-trade occupations	2017 Sep Qtr	2018 Sep Qtr	2019 Sep Qtr	2020 Sep Qtr	2021 Sep Qtr	% change 2017- 2021	% change 2020- 2021
Clerical and Administrative Workers	4 900	5 060	4 860	5 160	10 750	119.4	108.4
Community and Personal Service Workers	9 695	9 390	9 685	9 865	13 510	39.3	37.0
Labourers	3 075	3 050	2 775	2 435	3 850	25.2	58.3
Machinery operators and Drivers	5 505	5 760	6 010	4 170	3 850	-30.0	-7.6
Managers	585	510	515	615	1 500	157.1	144.6
Professionals	225	210	235	225	690	208.7	207.9
Sales Workers	4 385	4 300	4 140	4 030	7 855	79.2	94.9
Total	28 370	28 285	28 215	26 495	42 005	48.1	58.6

Time series

Quarter	Commencements	Cancellations and withdrawals	Completions	In-training at the end of the quarter
December quarter 2016	9 265	6 665	7 070	79 490
March quarter 2017	17 505	7 290	8 450	84 025
June quarter 2017	9 455	6 890	5 550	83 395
September quarter 2017	10 220	7 770	6 045	82 925
December quarter 2017	9 940	7 280	6 070	81 540
March quarter 2018	17 595	7 610	7 775	86 805
June quarter 2018	9 310	7 360	5 275	85 890
September quarter 2018	9 415	7 710	5 600	84 975
December quarter 2018	9 520	6 755	6 655	82 880
March quarter 2019	17 685	7 110	8 195	87 965
June quarter 2019	8 700	7 085	5 410	86 600
September quarter 2019	9 590	7 310	5 725	86 225
December quarter 2019	7 735	6 710	6 630	82 370
March quarter 2020	15 920	7 095	8 135	85 785
June quarter 2020	6 960	4 950	4 165	85 005
September quarter 2020	7 245	5 770	4 815	83 615
December quarter 2020	21 815	6 520	5 775	95 725
March quarter 2021	21 385	7 685	6 725	105 715
June quarter 2021	12 770	8 315	5 195	107 400
September quarter 2021	10 900	7 465	4 920	107 845



Australian vocational education and training statistics

Apprentices and trainees 2021 September quarter



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12 months ending 30 September -New South Wales

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Commencements

Commencements highlights

12 months ending 30 September 2021



66 870 commencements (up 76.6% from 2020)



29 070 trades (up 56.8% from 2020)



37 800 non-trades (up 95.6% from 2020)



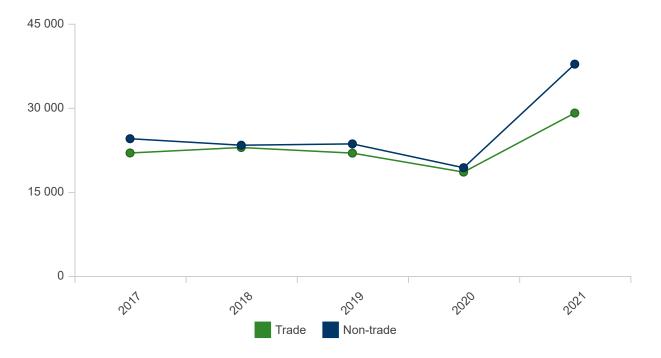
40 860 males (up 68.7% from 2020)



26 010 females (up 90.7% from 2020)

Commencements trends

12 months ending 30 September



Change in commencements numbers

from 2020 to 2021

Construction Trades Workers (Trade) ↑ 3 945 (73.9%) Clerical and Administrative Workers (Non-trade) ↑ 6 325 (140.2%) Private sector ↑ 27 825 (86.0%) Newly commencing worker ↑ 24 055 (66.0%) Certificate III ↑ 18 135 (58.3%) Full-time ↑ 21 835 (72.0%) 15 to 19 years ↑ 9 070 (48.6%)

Commencements time series for trade occupations

12 months ending 30 September

Trade occupations	2017	2018	2019	2020	2021	% change 2017- 2021	% change 2020- 2021
Automotive and Engineering Trades Workers	4 670	5 135	5 420	4 510	6 385	36.7	41.6
Construction Trades Workers	7 510	7 675	6 480	5 340	9 290	23.7	73.9
Electrotechnology and Telecommunications Trades Workers	4 310	4 795	4 940	4 225	5 285	22.6	25.1
Engineering, ICT and Science Technicians	675	600	550	525	1 440	112.9	174.6
Food Trades Workers	1 775	1 625	1 600	1 265	1 860	4.7	46.8
Other Technicians and Trades Workers	1 930	1 945	1 805	1 610	2 870	48.7	78.0
Skilled Animal and Horticultural Workers	1 075	1 150	1 125	1 060	1 945	80.9	83.3
Total	21 950	22 925	21 925	18 540	29 070	32.5	56.8

Commencements time series for non-trade occupations

12 months ending 30 September

Non-trade occupations	2017	2018	2019	2020	2021	% change 2017- 2021	% change 2020- 2021
Clerical and Administrative Workers	4 960	5 025	4 765	4 510	10 835	118.5	140.2
Community and Personal Service Workers	7 645	7 145	7 765	7 025	10 575	38.3	50.5
Labourers	2 720	2 810	2 665	1 915	3 505	28.8	83.0
Machinery operators and Drivers	4 650	4 450	4 450	2 410	3 130	-32.7	29.8
Managers	395	400	390	435	1 520	285.9	247.9
Professionals	105	105	125	115	690	559.4	507.3
Sales Workers	4 020	3 400	3 405	2 905	7 545	87.8	159.6
Total	24 495	23 335	23 570	19 320	37 800	54.3	95.6

Cancellations and withdrawals



Cancellations / withdrawals highlights

12 months ending 30 September 2021



29 990 cancellations / withdrawals (up 22.3% from 2020)



16 680 trades (**up 12.2%** from 2020)



13 310 non-trades (up 37.8% from 2020)



20 220 males (up 15.8% from 2020)



9 765 females (up 38.2% from 2020)

Cancellations / withdrawals trends

12 months ending 30 September



Change in cancellations / withdrawals numbers

from 2020 to 2021

Construction Trades Workers (Trade) ↑ 615 (12.1%) Clerical and Administrative Workers (Non-trade)

↑ 1 305 (76.0%)

Private sector

↑ 5 115 (23.1%)

Newly commencing worker

↑ 4 025 (16.6%)
Certificate III
↑ 3 320 (15.9%)
Full-time
↑ 4 255 (20.9%)
15 to 19 years
↑ 1 830 (20.0%)

Cancellations / withdrawals time series for trade occupations

12 months ending 30 September

Trade occupations	2017	2018	2019	2020	2021	% change 2017- 2021	% change 2020- 2021
Automotive and Engineering Trades Workers	2 965	3 130	3 250	3 180	3 400	14.7	7.0
Construction Trades Workers	6 100	6 355	6 285	5 065	5 680	-6.9	12.1
Electrotechnology and Telecommunications Trades Workers	3 175	3 365	3 615	3 115	3 475	9.6	11.6
Engineering, ICT and Science Technicians	175	230	225	190	300	70.3	60.3
Food Trades Workers	1 965	1 605	1 450	1 200	1 280	-35.0	6.7
Other Technicians and Trades Workers	1 635	1 665	1 645	1 425	1 505	-8.0	5.4
Skilled Animal and Horticultural Workers	770	800	760	700	1 040	35.1	48.2
Total	16 780	17 150	17 230	14 875	16 680	-0.6	12.2

Cancellations / withdrawals time series for non-trade occupations

12 months ending 30 September

Non-trade occupations	2017	2018	2019	2020	2021	% change 2017- 2021	% change 2020- 2021
Clerical and Administrative Workers	2 290	2 155	1 930	1 715	3 020	31.7	76.0
Community and Personal Service Workers	3 925	3 785	3 490	3 475	4 385	11.7	26.3
Labourers	1 360	1 525	1 345	910	1 255	-8.0	37.7
Machinery operators and Drivers	2 085	3 125	2 490	1 995	1 540	-26.1	-22.8
Managers	205	170	130	130	435	111.6	233.3
Professionals	45	65	45	55	205	341.5	256.7
Sales Workers	1 920	1 990	1 595	1 375	2 470	28.8	79.8
Total	11 835	12 810	11 030	9 655	13 310	12.5	37.8

Completions



Completions highlights

12 months ending 30 September 2021



22 615 completions (down 4.8% from 2020)



11 190 trades (up 3.2% from 2020)



11 425 non-trades (down 11.5% from 2020)



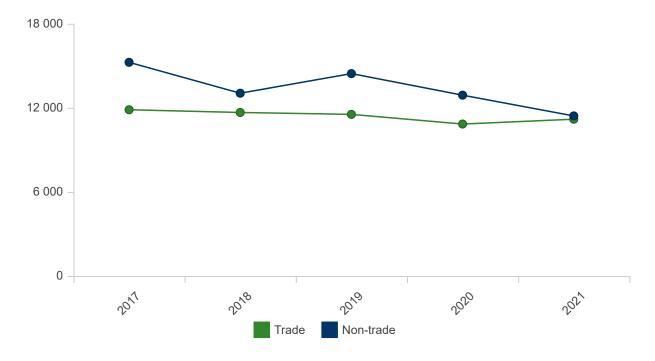
14 320 males (down 4.6% from 2020)



8 295 females (down 5.1% from 2020)

Completions trends

12 months ending 30 September



Change in completions numbers

from 2020 to 2021

Electrotechnology and Telecommunications Trades Workers (Trade)

↑ 215 (9.8%)
Labourers (Non-trade)
↓ 480 (36.7%)
Private sector
↓ 1 005 (5.2%)
Newly commencing worker
↓ 1 135 (4.9%)
Certificate III
↓ 610 (3.1%)
Full-time
↓ 710 (3.5%)
15 to 19 years
↓ 620 (13.5%)

Note: The numbers above are the largest absolute changes (increases or decreases) within each demographic category. A dash means a percentage change has not been calculated due to small base numbers.

Apprentices and trainees 2021 September quarter - New South Wales

Completions time series for trade occupations

12 months ending 30 September

Trade occupations	2017	2018	2019	2020	2021	% change 2017- 2021	% change 2020- 2021
Automotive and Engineering Trades Workers	3 210	2 960	2 885	2 805	2 845	-11.4	1.4
Construction Trades Workers	3 105	3 745	3 905	3 445	3 555	14.4	3.2
Electrotechnology and Telecommunications Trades Workers	2 335	1 985	1 895	2 225	2 440	4.6	9.8
Engineering, ICT and Science Technicians	310	385	370	305	335	8.5	9.2
Food Trades Workers	1 080	1 020	955	720	700	-35.4	-2.9
Other Technicians and Trades Workers	1 275	1 025	1 020	885	890	-30.0	0.6
Skilled Animal and Horticultural Workers	550	550	505	455	425	-22.9	-7.4
Total	11 865	11 670	11 535	10 845	11 190	-5.7	3.2

Completions time series for non-trade occupations

12 months ending 30 September

Non-trade occupations	2017	2018	2019	2020	2021	% change 2017- 2021	% change 2020- 2021
Clerical and Administrative Workers	3 175	2 705	3 020	2 500	2 275	-28.3	-9.1
Community and Personal Service Workers	5 720	4 780	5 115	4 665	4 420	-22.7	-5.2
Labourers	1 375	1 425	1 665	1 305	830	-39.9	-36.7
Machinery operators and Drivers	1 650	2 000	2 160	2 375	1 965	18.9	-17.3
Managers	335	305	265	220	240	-28.4	9.4
Professionals	130	85	95	100	90	-30.1	-7.6
Sales Workers	2 860	1 750	2 125	1 735	1 610	-43.8	-7.4
Total	15 250	13 045	14 445	12 905	11 425	-25.1	-11.5

Time series

12 months ending 30 September	Commencements	Cancellations and withdrawals	Completions
2017	46 440	28 615	27 115
2018	46 255	29 965	24 720
2019	45 495	28 260	25 980
2020	37 860	24 530	23 750
2021	66 870	29 990	22 615

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 https://www.ncver.edu.au/research-and-statistics/publications/all-publications/anzsco-imputation-in-the-nationalapprentice-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 2021 September 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 — September quarter, NCVER, Adelaide.

SOURCE: National Centre for Vocational Education Research (NCVER), National Apprentice and Trainee collection no. 110, December 2021 estimates, Australian Bureau of Statistics (ABS), Labour force, Australian, detailed, August 2021 (as at December 2021), cat. no. 6291.0.55.001.

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