

Australian vocational education and training statistics

Apprentices and trainees 2021 June quarter



Western Australia - quarterly



National Centre for Vocational Education Research

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Quarterly

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Commencements highlights - Western Australia

as at June quarter 2021



6 225 commencements (up 139.3% from June quarter 2020)



2 500 trades (**up 151.9%** from June quarter 2020)



3 725 non-trades (**up 131.5**% from June quarter 2020)



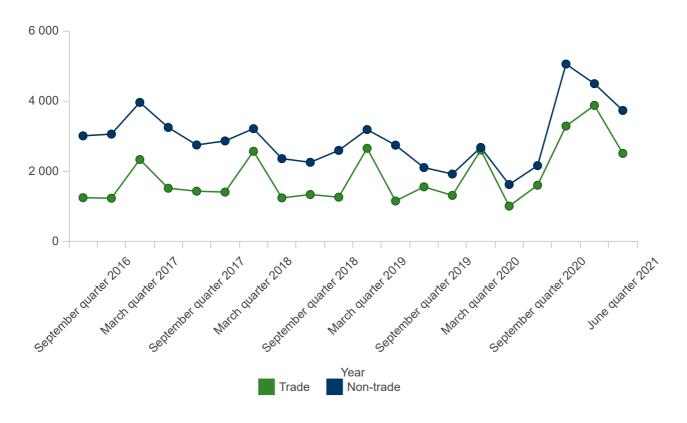
3 985 males (up 134.6% from June quarter 2020)



2 240 females (up 148.2% from June quarter 2020)

Commencements trends - Western Australia

Quarterly



Change in commencements numbers - Western Australia

from 30 June quarter 2020

Automotive and Engineering Trades Workers (Trade)

↑ 545 (142.9%)

Clerical and Administrative Workers (Non-trade)

↑ 695 (368.2%)

Private sector

1 3 305 (150.3%)

Newly commencing worker

↑ 3 295 (153.5%)

Certificate III

1 2 565 (148.9%)

Full-time

1 2 635 (129.0%)

15 to 19 years

1 1 195 (139.7%)

Commencements time series for trade occupations - Western 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	460	440	450	380	925	99.8%	142.9%
Construction Trades Workers	225	195	150	155	510	124.6%	231.1%
Electrotechnology and Telecommunications Trades Workers	320	210	215	135	485	53.0%	257.9%
Engineering, ICT and Science Technicians	95	85	90	60	120	23.6%	94.5%
Food Trades Workers	85	90	85	140	135	60.9%	-2.3%
Other Technicians and Trades Workers	285	175	125	85	245	-12.6%	184.3%
Skilled Animal and Horticultural Workers	35	35	25	35	80	127.0%	127.0%
Total	1 505	1 230	1 140	995	2 500	66.1%	151.9%

Commencements time series for non-trade occupations - Western 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	660	355	715	190	885	33.7%	368.2%
Community and Personal Service Workers	855	735	680	380	950	11.0%	149.0%
Labourers	580	330	385	390	555	-4.1%	43.6%
Machinery operators and Drivers	640	650	665	445	805	25.5%	79.7%
Managers	140	65	45	15	35	-75.2%	127.9%
Professionals	35	30	30	0	65	81.6%	6436.2%
Sales Workers	325	185	215	185	430	31.8%	129.1%
Total	3 240	2 350	2 735	1 610	3 725	15.0%	131.5%

Cancellations / withdrawals highlights - Western Australia

as at June quarter 2021



2 805 cancellations / withdrawals (up 87.7% from June quarter 2020)



1 190 trades (up 85.2% from June quarter 2020)



1 615 non-trades (up 89.6% from June quarter 2020)



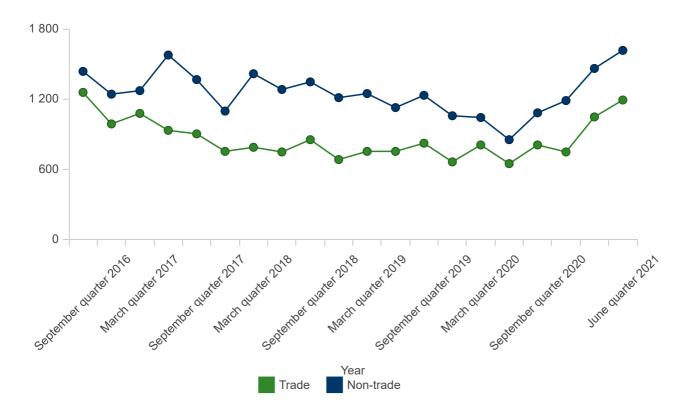
1 765 males (up 77.6% from June quarter 2020)



1 040 females (up 107.7% from June quarter 2020)

Cancellations / withdrawals trends - Western Australia

Quarterly



Change in cancellations / withdrawals numbers - Western Australia

from 30 June quarter 2020

Automotive and Engineering Trades Workers (Trade)

155 (60.8%)

Community and Personal Service Workers (Non-trade)

↑ 270 (124.1%)

Private sector

1 245 (94.7%)

Newly commencing worker

1 1 095 (87.4%)

Certificate III

1 1 000 (93.8%)

Full-time

1 1 005 (87.6%)

15 to 19 years

1 405 (104.6%)

Cancellations / withdrawals time series for trade occupations - Western 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	180	210	235	255	415	129.7%	60.8%
Construction Trades Workers	195	155	145	115	230	16.5%	96.7%
Electrotechnology and Telecommunications Trades Workers	160	110	115	95	190	17.4%	104.5%
Engineering, ICT and Science Technicians	50	50	35	30	65	28.2%	113.5%
Food Trades Workers	70	70	80	50	95	35.4%	88.4%
Other Technicians and Trades Workers	245	140	125	85	165	-31.5%	101.4%
Skilled Animal and Horticultural Workers	25	15	15	15	30	23.2%	146.3%
Total	930	745	750	645	1 190	28.3%	85.2%

Cancellations / withdrawals time series for non-trade occupations - Western 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	245	265	220	145	360	47.5%	150.9%
Community and Personal Service Workers	525	365	310	215	485	-7.3%	124.1%
Labourers	175	180	155	155	215	22.9%	41.3%
Machinery operators and Drivers	360	245	295	225	360	0.4%	59.9%
Managers	125	125	55	30	30	-75.6%	3.5%
Professionals	5	5	5	15	20	171.8%	46.3%
Sales Workers	140	90	80	70	140	-1.3%	101.6%
Total	1 575	1 280	1 125	850	1 615	2.3%	89.6%

Completions highlights - Western Australia

as at June quarter 2021



2 110 completions (up 21.1% from June quarter 2020)



1 045 trades (up 42.3% from June quarter 2020)



1 070 non-trades (up 5.7% from June quarter 2020)



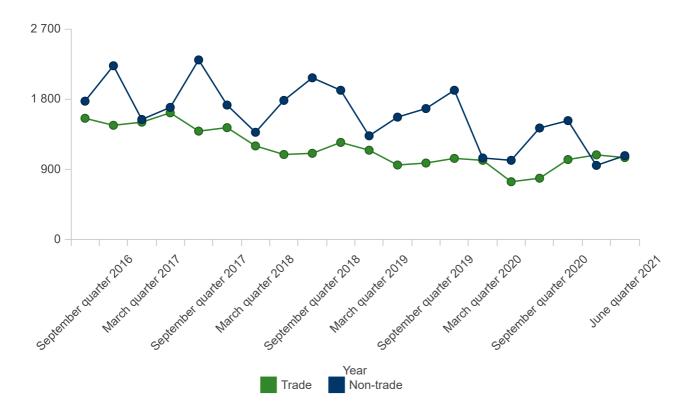
1 485 males (up 25.5% from June quarter 2020)



630 females (up 11.7% from June quarter 2020)

Completions trends - Western Australia

Quarterly



Change in completions numbers - Western Australia

from 30 June quarter 2020

Automotive and Engineering Trades Workers (Trade)

165 (63.8%)

Clerical and Administrative Workers (Non-trade)

4 100 (37.2%)

Private sector

1 305 (20.7%)

Newly commencing worker

1 365 (25.3%)

Certificate III

1 285 (23.4%)

Full-time

↑ 345 (24.3%)

20 to 24 years

1 200 (31.1%)

Completions time series for trade occupations - Western 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	305	290	275	255	420	38.9%	63.8%
Construction Trades Workers	240	220	185	110	165	-31.2%	50.0%
Electrotechnology and Telecommunications Trades Workers	285	325	220	165	220	-22.4%	33.0%
Engineering, ICT and Science Technicians	130	45	40	30	50	-59.9%	81.0%
Food Trades Workers	80	50	35	30	40	-45.6%	36.8%
Other Technicians and Trades Workers	540	130	175	110	115	-78.6%	5.5%
Skilled Animal and Horticultural Workers	40	25	20	30	20	-41.6%	-20.7%
Total	1 620	1 085	950	735	1 045	-35.6%	42.3%

Completions time series for non-trade occupations - Western 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	215	395	235	265	170	-21.3%	-37.2%
Community and Personal Service Workers	510	440	420	190	215	-58.1%	10.9%
Labourers	240	220	235	125	220	-7.5%	76.0%
Machinery operators and Drivers	250	465	450	340	345	38.9%	1.8%
Managers	125	130	70	20	10	-90.5%	-36.2%
Professionals	35	10	25	5	0	-97.3%	-74.8%
Sales Workers	315	120	130	65	110	-65.7%	71.4%
Total	1 690	1 780	1 565	1 010	1 070	-36.7%	5.7%

In-training highlights - Western Australia

as at 30 June 2021



38 400 in-training (up 36.0% from 30 June 2020)



2.7% of workers were employed as an apprentice or trainee



▲ 9.7% of employed workers within the trade occupations were an apprentice or trainee



22 745 trades (up 29.8% from 30 June 2020)



15 655 non-trades (**up 46.0%** from 30 June 2020)



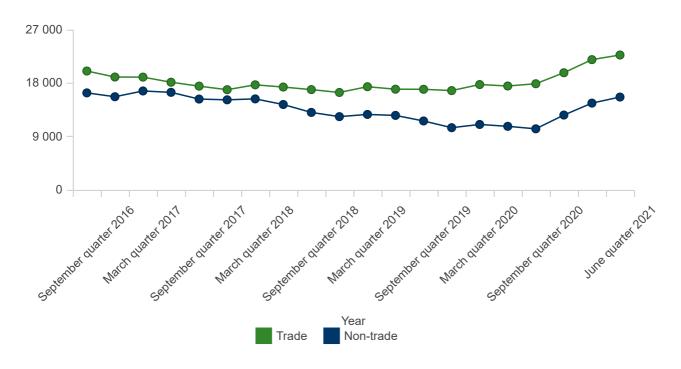
27 185 males (up 31.2% from 30 June 2020)



11 215 females (**up 49.0%** from 30 June 2020)

In-training trends - Western Australia

Quarterly



Change in in-training numbers - Western Australia

from 30 June 2020

Automotive and Engineering Trades Workers (Trade)

1 1 885 (24.4%)

Clerical and Administrative Workers (Non-trade)

1 745 (97.2%)

Private sector

↑ 9 645 (39.4%)

Newly commencing worker

↑ 7 670 (32.8%)

Certificate III

↑ 6 835 (29.6%)

Full-time

↑ 7 845 (33.9%)

15 to 19 years

1 2 860 (34.4%)

In-training time series for trade occupations - Western 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	5 660	6 255	7 010	7 720	9 610	69.8%	24.4%
Construction Trades Workers	3 770	3 260	2 835	2 660	3 710	-1.6%	39.4%
Electrotechnology and Telecommunications Trades Workers	4 200	3 925	3 820	3 830	4 845	15.4%	26.6%
Engineering, ICT and Science Technicians	735	510	445	500	865	17.6%	73.4%
Food Trades Workers	930	935	920	960	1 240	33.5%	28.9%
Other Technicians and Trades Workers	2 565	2 145	1 625	1 545	1 995	-22.2%	29.2%
Skilled Animal and Horticultural Workers	295	315	330	305	480	64.3%	56.9%
Total	18 155	17 340	16 980	17 520	22 745	25.3%	29.8%

In-training time series for non-trade occupations - Western 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	3 290	2 550	2 440	1 795	3 540	7.6%	97.2%
Community and Personal Service Workers	4 905	4 340	3 845	3 570	4 705	-4.1%	31.8%
Labourers	1 985	1 760	1 495	1 495	1 925	-3.0%	28.9%
Machinery operators and Drivers	3 315	3 595	3 185	2 550	3 185	-3.9%	24.9%
Managers	1 585	905	460	240	390	-75.3%	62.9%
Professionals	115	95	85	65	185	58.7%	179.2%
Sales Workers	1 250	1 155	1 050	1 005	1 725	38.0%	71.4%
Total	16 450	14 400	12 560	10 720	15 655	-4.8%	46.0%

Time series - Western Australia

September quarter 2016 4 23 December quarter 2016 4 27 March quarter 2017 6 27 June quarter 2017 4 74 September quarter 2017 4 16 December quarter 2017 4 25	Cancellation ements and withdrawa	Completio	In-training at ons the end of the quarter
March quarter 2017 6 27 June quarter 2017 4 74 September quarter 2017 4 16	5 2 690	3 320	36 405
June quarter 2017 4 74 September quarter 2017 4 16	5 2 225	3 685	34 740
September quarter 2017 4 16	5 2 345	3 035	35 695
•	5 2 505	3 310	34 605
December quarter 2017 4 25	0 2 265	3 685	32 810
	0 1 845	3 150	32 085
March quarter 2018 5 76	5 2 200	2 570	33 065
June quarter 2018 3 58	0 2 025	2 865	31 740
September quarter 2018 3 57	0 2 195	3 170	29 975
December quarter 2018 3 83	5 1 895	3 155	28 785
March quarter 2019 5 82	5 2 000	2 465	30 125
June quarter 2019 3 87	0 1 870	2 515	29 540
September quarter 2019 3 64	0 2 050	2 645	28 590
December quarter 2019 3 20	5 1 715	2 945	27 235
March quarter 2020 5 26	5 1 845	2 050	28 805
June quarter 2020 2 60	0 1 495	1 745	28 245
September quarter 2020 3 74	0 1 885	2 205	28 200
December quarter 2020 8 33	0 1 935	2 540	32 375
March quarter 2021 8 36	5 2 510	2 025	36 600
June quarter 2021 6 22	5 2 805	2 110	38 400



Australian vocational education and training statistics

Apprentices and trainees 2021 June quarter

Western Australia - 12 months ending 30 June

National Centre for Vocational Education Research

Commencements highlights - Western Australia

12 months ending 30 June 2021



26 660 commencements (up 81.2% from 2020)



11 240 trades (up 74.7% from 2020)



15 415 non-trades (up 86.2% from 2020)



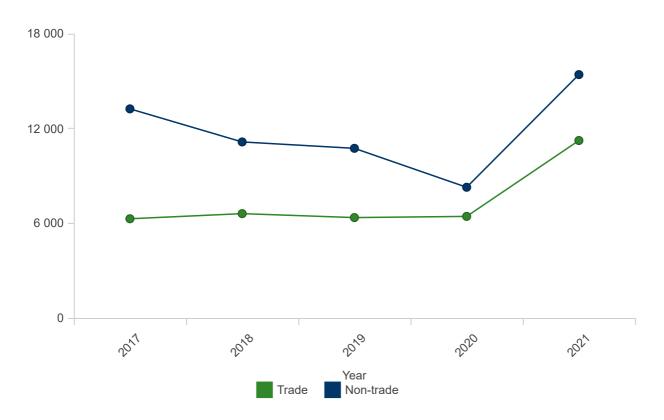
16 970 males (up 77.8% from 2020)



9 690 females (up 87.4% from 2020)

Commencements trends - Western Australia

12 months ending 30 June



Change in commencements numbers - Western Australia

from 2020 to 2021

Automotive and Engineering Trades Workers (Trade)

↑ 1 450 (52.1%)

Clerical and Administrative Workers (Non-trade)

1 2 400 (181.7%)

Private sector

1 11 355 (91.5%)

Newly commencing worker

1 8 985 (70.8%)

Certificate III

↑ 7 820 (74.3%)

Full-time

↑ 9 085 (82.5%)

15 to 19 years

1 3 760 (60.7%)

Commencements time series for trade occupations - Western Australia

12 months ending 30 June

Trade occupations	2017	2018	2019	2020	2021	% change 2017- 2021	% change 2020- 2021
Automotive and Engineering Trades Workers	2 080	2 575	2 795	2 790	4 240	103.7%	52.1%
Construction Trades Workers	1 000	925	825	935	2 015	101.1%	115.2%
Electrotechnology and Telecommunications Trades Workers	1 250	1 135	1 220	1 110	2 065	65.0%	86.2%
Engineering, ICT and Science Technicians	315	300	275	310	735	132.9%	136.6%
Food Trades Workers	450	415	395	430	680	50.1%	57.5%
Other Technicians and Trades Workers	1 000	1 080	650	675	1 160	16.1%	71.6%
Skilled Animal and Horticultural Workers	185	170	195	185	355	92.1%	91.1%
Total	6 285	6 610	6 360	6 435	11 240	78.9%	74.7%

Commencements time series for non-trade occupations - Western Australia

12 months ending 30 June

Non-trade occupations	2017	2018	2019	2020	2021	% change 2017- 2021	% change 2020- 2021
Clerical and Administrative Workers	2 720	2 005	2 290	1 320	3 725	37.0%	181.7%
Community and Personal Service Workers	4 090	3 655	3 380	2 755	4 225	3.4%	53.5%
Labourers	1 745	1 585	1 475	1 445	2 155	23.6%	49.3%
Machinery operators and Drivers	2 395	2 525	2 345	1 720	3 010	25.8%	75.3%
Managers	900	325	160	115	340	-62.4%	199.2%
Professionals	70	85	75	70	200	181.0%	193.2%
Sales Workers	1 330	975	1 020	860	1 760	32.4%	104.0%
Total	13 245	11 150	10 745	8 280	15 415	16.4%	86.2%

Cancellations / withdrawals highlights - Western Australia

12 months ending 30 June 2021



9 135 cancellations / withdrawals (up 28.5% from 2020)



3 790 trades (up 29.4% from 2020)



5 345 non-trades (**up 27.9%** from 2020)



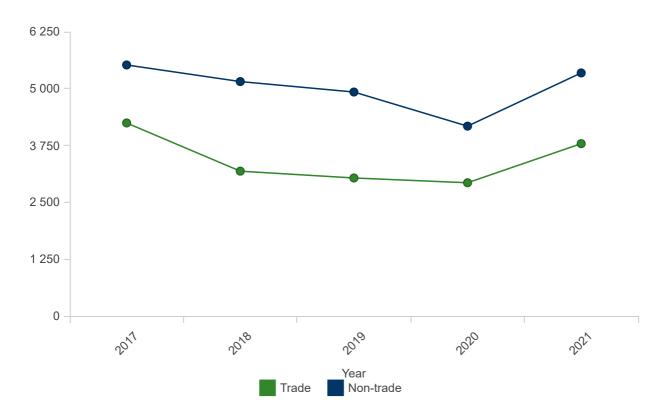
5 705 males (up 25.4% from 2020)



3 430 females (up 34.1% from 2020)

Cancellations / withdrawals trends - Western Australia

12 months ending 30 June



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

Automotive and Engineering Trades Workers (Trade)

↑ 305 (30.1%)

Community and Personal Service Workers (Non-trade)

↑ 530 (43.1%)

Private sector

↑ 1 955 (31.4%)

Newly commencing worker

↑ 1 690 (27.7%)

Certificate III

↑ 1 545 (29.9%)

Full-time

↑ 1 615 (30.2%)

15 to 19 years

↑ 660 (34.2%)

Cancellations / withdrawals time series for trade occupations - Western Australia

12 months ending 30 June

Trade occupations	2017	2018	2019	2020	2021	% change 2017- 2021	% change 2020- 2021
Automotive and Engineering Trades Workers	780	765	910	1 020	1 325	69.6%	30.1%
Construction Trades Workers	960	750	585	535	750	-21.9%	39.6%
Electrotechnology and Telecommunications Trades Workers	635	515	490	455	585	-7.8%	28.8%
Engineering, ICT and Science Technicians	370	180	135	115	190	-48.9%	62.2%
Food Trades Workers	320	305	300	260	305	-4.9%	17.0%
Other Technicians and Trades Workers	1 110	610	545	485	540	-51.4%	11.0%
Skilled Animal and Horticultural Workers	65	60	65	55	95	43.4%	74.7%
Total	4 245	3 185	3 035	2 930	3 790	-10.7%	29.4%

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

12 months ending 30 June

Non-trade occupations	2017	2018	2019	2020	2021	% change 2017- 2021	% change 2020- 2021
Clerical and Administrative Workers	935	1 045	985	895	1 045	11.7%	17.0%
Community and Personal Service Workers	1 870	1 620	1 475	1 230	1 760	-6.0%	43.1%
Labourers	660	725	715	645	835	27.0%	29.7%
Machinery operators and Drivers	965	885	1 100	930	1 105	14.3%	18.7%
Managers	505	440	210	115	100	-80.3%	-15.3%
Professionals	60	35	30	40	50	-16.3%	21.5%
Sales Workers	520	410	410	320	445	-14.3%	39.9%
Total	5 520	5 155	4 925	4 175	5 345	-3.2%	27.9%

Completions highlights - Western Australia

12 months ending 30 June 2021



8 880 completions (down 5.4% from 2020)



3 925 trades (up 4.5% from 2020)



4 960 non-trades (down 12.0% from 2020)



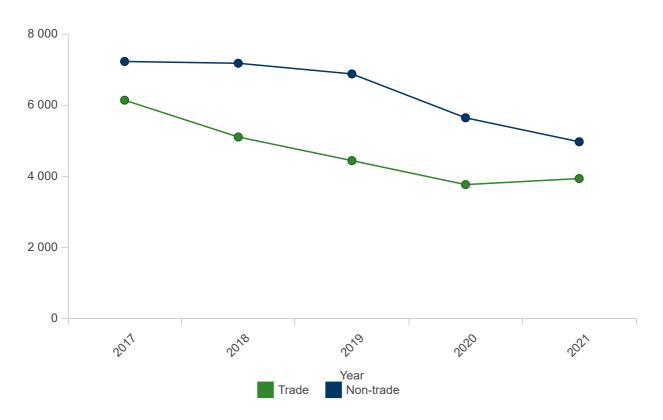
5 965 males (down 3.2% from 2020)



2 915 females (down 9.6% from 2020)

Completions trends - Western Australia

12 months ending 30 June



Change in completions numbers - Western Australia

from 2020 to 2021



Completions time series for trade occupations - Western Australia

12 months ending 30 June

Trade occupations	2017	2018	2019	2020	2021	% change 2017- 2021	% change 2020- 2021
Automotive and Engineering Trades Workers	1 575	1 455	1 360	1 305	1 585	0.6%	21.6%
Construction Trades Workers	920	955	830	725	630	-31.5%	-13.3%
Electrotechnology and Telecommunications Trades Workers	1 270	1 095	1 055	830	810	-36.3%	-2.3%
Engineering, ICT and Science Technicians	615	280	180	130	175	-71.7%	33.6%
Food Trades Workers	260	200	205	195	210	-18.9%	9.1%
Other Technicians and Trades Workers	1 365	1 015	695	420	425	-69.0%	1.5%
Skilled Animal and Horticultural Workers	120	95	110	155	90	-26.0%	-41.0%
Total	6 130	5 095	4 430	3 755	3 925	-36.0%	4.5%

Completions time series for non-trade occupations - Western Australia

12 months ending 30 June

Non-trade occupations	2017	2018	2019	2020	2021	% change 2017- 2021	% change 2020- 2021
Clerical and Administrative Workers	1 215	1 365	1 190	970	890	-26.7%	-8.1%
Community and Personal Service Workers	2 395	2 455	2 340	1 780	1 390	-42.0%	-22.0%
Labourers	865	935	900	735	820	-5.4%	11.1%
Machinery operators and Drivers	1 075	1 300	1 445	1 375	1 210	12.3%	-12.2%
Managers	560	425	270	155	60	-89.5%	-61.8%
Professionals	75	55	55	40	30	-61.6%	-31.6%
Sales Workers	1 035	630	670	575	565	-45.5%	-1.9%
Total	7 220	7 170	6 870	5 635	4 960	-31.3%	-12.0%

Time series - Western Australia

12 months ending 30 June	Commencements	Cancellations and withdrawals	Completions
2017	19 530	9 765	13 350
2018	17 760	8 335	12 270
2019	17 100	7 960	11 300
2020	14 715	7 105	9 390
2021	26 660	9 135	8 880

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 June quarter: DataBuilder' available at https://www.ncver.edu.au/research-and-statistics/data/databuilder 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.

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, Skills and Employment.