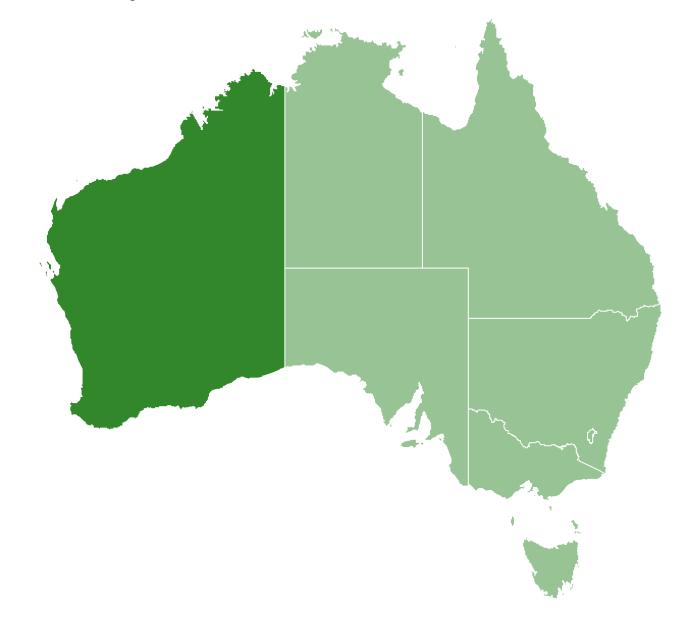


Australian vocational education and training statistics

Apprentices and trainees 2021 September quarter



Quarterly - Western Australia



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Quarterly - Western Australia

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Commencements	



Commencements

Commencements highlights

as at September quarter 2021



6 800 commencements (up 81.9% from September quarter 2020)



2 740 trades (up 72.2% from September quarter 2020)



4 020 non-trades (up 87.2% from September quarter 2020)



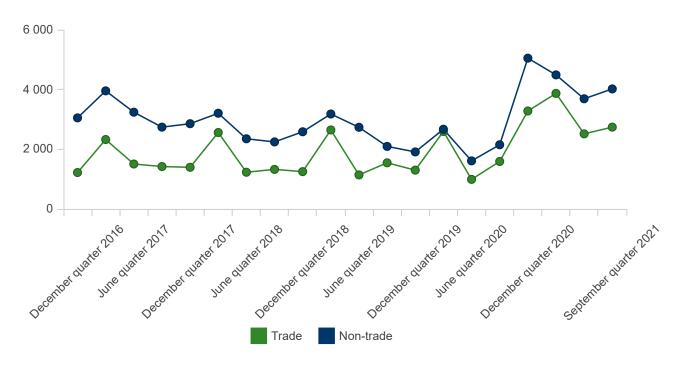
4 175 males (**up 73.9%** from September quarter 2020)



2 625 females (up 96.3% from September quarter 2020)

Commencements trends

Quarterly



Change in commencements numbers

from September quarter 2020 to September quarter 2021

Automotive and Engineering Trades Workers (Trade)

1 385 (59.8%)

Clerical and Administrative Workers (Non-trade)

↑ 760 (231.0%)

Private sector

1 2 935 (90.4%)

Newly commencing worker

1 2 685 (83.6%)

Certificate III

1 2 215 (85.9%)

Full-time

1 2 295 (80.6%)

30 to 39 years

↑ 750 (139.6%)

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	415	565	610	645	1 030	149.9	59.8
Construction Trades Workers	185	170	260	285	470	157.9	66.2
Electrotechnology and Telecommunications Trades Workers	235	245	245	290	505	115.8	75.4
Engineering, ICT and Science Technicians	75	65	110	55	225	201.2	326.3
Food Trades Workers	80	75	100	115	175	114.5	53.7
Other Technicians and Trades Workers	405	130	180	170	230	-43.2	36.3
Skilled Animal and Horticultural Workers	35	70	40	40	100	204.3	164.2
Total	1 420	1 325	1 545	1 590	2 740	92.6	72.2

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	580	315	365	330	1 090	87.7	231.0
Community and Personal Service Workers	705	755	655	645	1 110	57.8	72.3
Labourers	385	370	310	375	485	25.4	28.1
Machinery operators and Drivers	660	545	490	545	810	23.0	49.2
Managers	85	30	25	15	55	-38.8	309.4
Professionals	35	20	20	10	55	54.7	535.9
Sales Workers	285	210	230	230	415	44.5	78.7
Total	2 740	2 245	2 095	2 150	4 020	46.7	87.2

Cancellations and withdrawals



Cancellations / withdrawals highlights

as at September quarter 2021



3 260 cancellations / withdrawals (up 72.7% from September quarter 2020)



1 305 trades (up 61.9% from September quarter 2020)



1 955 non-trades (up 80.8% from September quarter 2020)



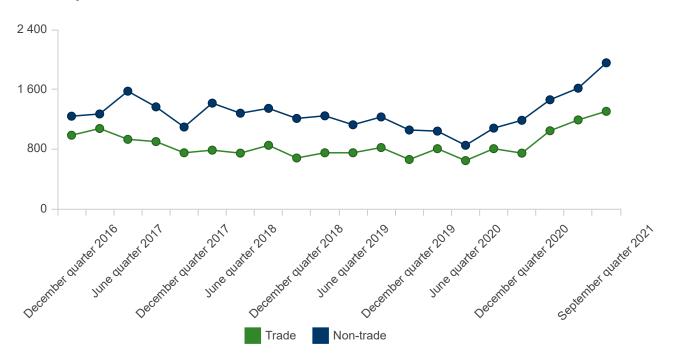
2 050 males (**up 74.2%** from September quarter 2020)



1 210 females (up 70.3% from September quarter 2020)

Cancellations / withdrawals trends

Quarterly



Change in cancellations / withdrawals numbers

from September quarter 2020 to September quarter 2021

Automotive and Engineering Trades Workers (Trade)

175 (59.2%)

Clerical and Administrative Workers (Non-trade)

↑ 340 (173.3%)

Private sector

1 280 (77.2%)

Newly commencing worker

1 110 (67.1%)

Certificate III

↑ 880 (60.4%)

Full-time

1 030 (71.7%)

15 to 19 years

1 350 (69.1%)

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	180	235	250	290	465	159.8	59.2
Construction Trades Workers	230	150	160	170	245	5.9	43.4
Electrotechnology and Telecommunications Trades Workers	150	145	130	110	200	34.1	87.4
Engineering, ICT and Science Technicians	45	40	30	30	60	42.2	110.7
Food Trades Workers	90	75	85	80	115	30.6	47.1
Other Technicians and Trades Workers	195	190	145	110	185	-6.9	65.1
Skilled Animal and Horticultural Workers	15	15	20	15	35	136.2	94.4
Total	900	850	820	805	1 305	44.6	61.9

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	255	290	315	195	535	109.9	173.3
Community and Personal Service Workers	495	410	370	420	505	2.0	20.3
Labourers	165	190	180	165	290	72.2	75.3
Machinery operators and Drivers	220	280	250	210	365	63.4	71.0
Managers	100	60	30	15	40	-57.0	223.6
Professionals	15	10	5	10	35	150.5	250.6
Sales Workers	115	105	85	70	190	64.2	179.9
Total	1 365	1 345	1 230	1 080	1 955	43.2	80.8



Completions

Completions highlights

as at September quarter 2021



2 535 completions (up 14.9% from September quarter 2020)



1 045 trades (up 33.9% from September quarter 2020)



1 490 non-trades (up 4.5% from September quarter 2020)



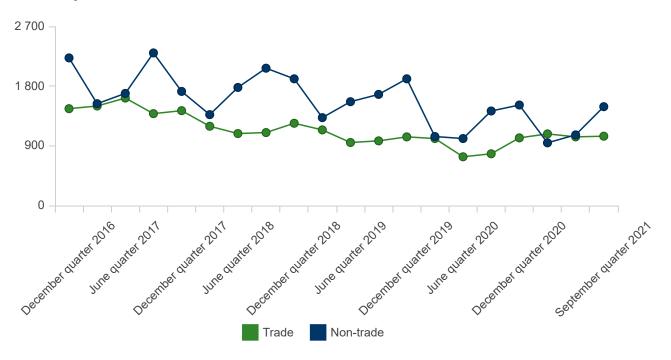
1 605 males (up 13.1% from September quarter 2020)



930 females (up 18.2% from September quarter 2020)

Completions trends

Quarterly



Change in completions numbers

from September guarter 2020 to September guarter 2021

Automotive and Engineering Trades Workers (Trade)

130 (42.9%)

Labourers (Non-trade)

105 (51.9%)

Private sector

190 (10.8%)

Newly commencing worker

1 270 (13.9%)

Certificate III

175 (11.6%)

Full-time

185 (12.3%)

15 to 19 years

135 (22.9%)

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	410	345	320	305	435	5.9	42.9
Construction Trades Workers	215	195	185	110	115	-47.0	0.8
Electrotechnology and Telecommunications Trades Workers	220	305	240	185	235	5.8	27.2
Engineering, ICT and Science Technicians	115	65	35	30	45	-58.4	63.3
Food Trades Workers	60	40	50	40	65	9.2	56.0
Other Technicians and Trades Workers	350	130	115	95	115	-67.4	23.5
Skilled Animal and Horticultural Workers	20	25	30	15	35	96.0	120.5
Total	1 385	1 100	975	780	1 045	-24.8	33.9

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	430	375	260	260	165	-61.2	-35.9
Community and Personal Service Workers	955	805	555	380	430	-54.9	13.5
Labourers	190	180	175	205	315	65.5	51.9
Machinery operators and Drivers	265	390	390	345	290	9.2	-16.9
Managers	120	75	75	15	10	-91.5	-40.7
Professionals	20	0	15	5	20	-17.5	202.3
Sales Workers	320	240	205	210	265	-17.8	25.3
Total	2 300	2 070	1 675	1 425	1 490	-35.1	4.5



In-training

In-training highlights

as at September quarter 2021



39 855 in-training (up 41.2% from 30 September 2020)



2.8% of workers were employed as an apprentice or trainee



10.1% of employed workers within the trade occupations were an apprentice or trainee



23 640 trades (up 32.0% from 30 September 2020)



16 180 non-trades (up 56.9% from 30 September 2020)



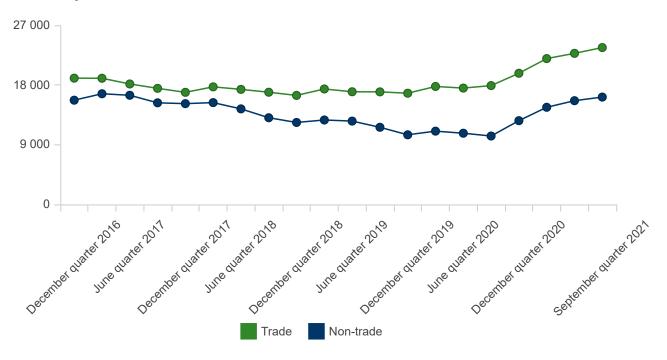
28 065 males (up 35.1% from 30 September 2020)



11 790 females (up 58.4% from 30 September 2020)

In-training trends

Quarterly



Change in in-training numbers

from 30 September 2020 to September 2021

Automotive and Engineering Trades Workers (Trade)

1 2 035 (25.8%)

Clerical and Administrative Workers (Non-trade)

↑ 2 255 (136.5%)

Private sector

1 11 205 (45.6%)

Newly commencing worker

1 9 080 (38.9%)

Certificate III

↑ 8 110 (35.2%)

Full-time

↑ 9 070 (38.9%)

20 to 24 years

↑ 3 150 (32.3%)

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	5 530	6 285	7 135	7 885	9 915	79.4	25.8
Construction Trades Workers	3 595	3 125	2 790	2 755	3 910	8.7	41.8
Electrotechnology and Telecommunications Trades Workers	4 120	3 780	3 740	3 900	5 020	21.9	28.7
Engineering, ICT and Science Technicians	645	470	490	495	1 015	57.7	105.7
Food Trades Workers	865	935	900	990	1 265	45.8	28.0
Other Technicians and Trades Workers	2 450	1 975	1 600	1 575	2 000	-18.3	27.1
Skilled Animal and Horticultural Workers	295	340	315	315	515	74.7	63.0
Total	17 495	16 910	16 965	17 910	23 640	35.1	32.0

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	3 130	2 145	2 190	1 650	3 905	24.7	136.5
Community and Personal Service Workers	4 095	3 855	3 565	3 410	4 900	19.7	43.6
Labourers	1 975	1 745	1 425	1 490	1 775	-10.1	19.1
Machinery operators and Drivers	3 480	3 425	3 030	2 520	3 360	-3.5	33.2
Managers	1 430	775	350	215	385	-73.0	77.6
Professionals	110	105	75	60	165	51.1	181.6
Sales Workers	1 095	1 015	990	955	1 685	54.1	76.5
Total	15 315	13 065	11 625	10 310	16 180	5.6	56.9

Time series

Quarter	Commencements	Cancellations and withdrawals	Completions	In-training at the end of the quarter
December quarter 2016	4 275	2 225	3 685	34 740
March quarter 2017	6 275	2 345	3 035	35 695
June quarter 2017	4 745	2 505	3 310	34 605
September quarter 2017	4 160	2 265	3 685	32 810
December quarter 2017	4 250	1 845	3 150	32 085
March quarter 2018	5 765	2 200	2 570	33 065
June quarter 2018	3 580	2 025	2 865	31 740
September quarter 2018	3 570	2 195	3 170	29 975
December quarter 2018	3 835	1 895	3 155	28 785
March quarter 2019	5 825	2 000	2 465	30 125
June quarter 2019	3 870	1 870	2 515	29 540
September quarter 2019	3 640	2 050	2 645	28 590
December quarter 2019	3 205	1 715	2 945	27 255
March quarter 2020	5 265	1 845	2 050	28 825
June quarter 2020	2 600	1 495	1 745	28 265
September quarter 2020	3 740	1 885	2 205	28 220
December quarter 2020	8 335	1 930	2 540	32 395
March quarter 2021	8 360	2 510	2 020	36 620
June quarter 2021	6 200	2 810	2 100	38 405
September quarter 2021	6 800	3 260	2 535	39 855



Australian vocational education and training statistics

Apprentices and trainees 2021 September quarter



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12 months ending 30 September - Western Australia

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Commencements

Commencements highlights

12 months ending 30 September 2021



29 690 commencements (up 100.5% from 2020)



12 400 trades (up 91.5% from 2020)



17 250 non-trades (up 107.0% from 2020)



18 725 males (**up 95.4%** from 2020)



10 970 females (up 109.9% from 2020)

Commencements trends

12 months ending 30 September



Change in commencements numbers

from 2020 to 2021

Automotive and Engineering Trades Workers (Trade)

1 800 (63.8%)

Clerical and Administrative Workers (Non-trade)

↑ 3 200 (248.2%)

Private sector

1 14 120 (112.6%)

Newly commencing worker

1 11 535 (90.1%)

Certificate III

↑ 9 995 (94.9%)

Full-time

↑ 11 275 (101.6%)

15 to 19 years

1 4 230 (67.2%)

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	2 150	2 730	2 840	2 820	4 620	115.0	63.8
Construction Trades Workers	950	910	915	955	2 200	131.7	129.8
Electrotechnology and Telecommunications Trades Workers	1 265	1 150	1 220	1 155	2 275	79.6	97.0
Engineering, ICT and Science Technicians	315	290	325	250	930	194.9	271.2
Food Trades Workers	440	410	415	445	740	68.8	65.8
Other Technicians and Trades Workers	1 185	805	705	660	1 220	2.8	84.2
Skilled Animal and Horticultural Workers	170	210	165	185	420	147.5	124.9
Total	6 470	6 510	6 580	6 475	12 400	91.6	91.5

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	2 645	1 740	2 340	1 290	4 490	69.8	248.2
Community and Personal Service Workers	3 870	3 705	3 280	2 745	4 685	21.0	70.8
Labourers	1 835	1 570	1 410	1 510	2 255	23.0	49.6
Machinery operators and Drivers	2 500	2 415	2 290	1 770	3 280	31.2	85.3
Managers	750	265	155	100	375	-50.1	275.2
Professionals	95	65	75	60	230	136.3	288.4
Sales Workers	1 290	895	1 040	865	1 940	50.3	124.6
Total	12 985	10 655	10 590	8 335	17 250	32.9	107.0

Cancellations and withdrawals



Cancellations / withdrawals highlights

12 months ending 30 September 2021



10 505 cancellations / withdrawals (up 51.4% from 2020)



4 290 trades (up 47.2% from 2020)



6 215 non-trades (up 54.4% from 2020)



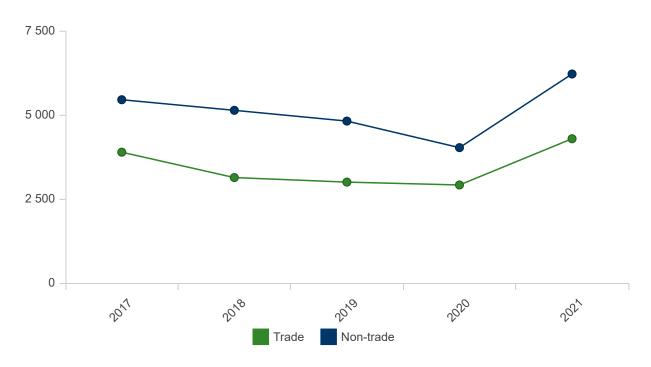
6 580 males (up 48.6% from 2020)



3 925 females (up 56.2% from 2020)

Cancellations / withdrawals trends

12 months ending 30 September



Change in cancellations / withdrawals numbers

from 2020 to 2021

Automotive and Engineering Trades Workers (Trade)

1 440 (41.5%)

Clerical and Administrative Workers (Non-trade)

↑ 610 (79.0%)

Private sector

1 3 360 (55.0%)

Newly commencing worker

1 2 945 (49.5%)

Certificate III

1 2 460 (47.9%)

Full-time

1 2 750 (52.5%)

15 to 19 years

1 050 (55.8%)

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	750	825	925	1 060	1 500	100.2	41.5
Construction Trades Workers	885	675	595	545	825	-6.8	51.3
Electrotechnology and Telecommunications Trades Workers	620	515	475	430	680	9.7	57.1
Engineering, ICT and Science Technicians	280	175	130	115	220	-21.6	94.9
Food Trades Workers	330	290	310	255	345	3.5	33.3
Other Technicians and Trades Workers	960	605	495	455	615	-36.2	34.7
Skilled Animal and Horticultural Workers	65	60	65	55	110	70.0	107.7
Total	3 890	3 135	3 000	2 915	4 290	10.3	47.2

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	920	1 080	1 010	775	1 385	50.5	79.0
Community and Personal Service Workers	1 860	1 530	1 435	1 280	1 845	-0.8	44.0
Labourers	655	745	705	630	960	46.4	52.2
Machinery operators and Drivers	995	945	1 070	895	1 255	26.0	40.5
Managers	460	400	185	100	130	-72.2	30.8
Professionals	45	30	25	45	75	62.0	65.5
Sales Workers	515	400	385	305	570	10.9	87.1
Total	5 450	5 135	4 815	4 025	6 215	14.1	54.4



Completions

Completions highlights

12 months ending 30 September 2021



9 195 completions (**up 2.8%** from 2020)



4 180 trades (up 17.4% from 2020)



5 015 non-trades (down 6.9% from 2020)



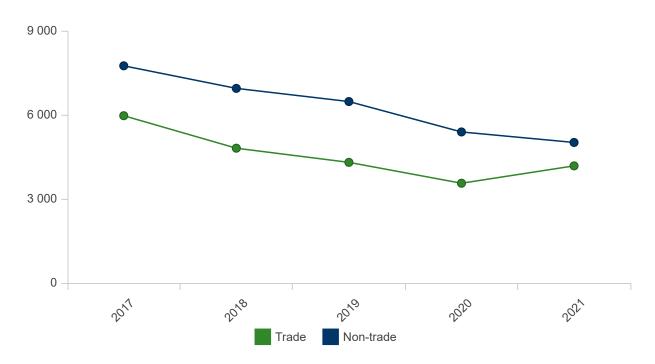
6 140 males (**up 4.3%** from 2020)



3 055 females (down 0.2% from 2020)

Completions trends

12 months ending 30 September



Change in completions numbers

from 2020 to 2021

Automotive and Engineering Trades Workers (Trade)

1 425 (33.0%)

Machinery operators and Drivers (Non-trade)

185 (13.7%)

Private sector

125 (1.7%)

Newly commencing worker

1 400 (5.3%)

Certificate II

170 (9.5%)

Full-time

1 260 (4.0%)

20 to 24 years

195 (6.1%)

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	1 510	1 390	1 335	1 285	1 710	13.4	33.0
Construction Trades Workers	930	935	820	655	630	-32.3	-3.8
Electrotechnology and Telecommunications Trades Workers	1 160	1 180	990	775	855	-26.2	10.9
Engineering, ICT and Science Technicians	585	230	150	125	190	-67.3	52.0
Food Trades Workers	265	180	215	185	235	-11.5	25.5
Other Technicians and Trades Workers	1 420	790	680	395	445	-68.6	12.7
Skilled Animal and Horticultural Workers	100	100	115	140	110	7.2	-20.8
Total	5 970	4 810	4 305	3 560	4 180	-30.0	17.4

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	1 320	1 310	1 075	970	795	-40.0	-18.2
Community and Personal Service Workers	2 730	2 310	2 090	1 605	1 440	-47.3	-10.3
Labourers	830	930	890	770	925	11.2	20.1
Machinery operators and Drivers	1 080	1 425	1 445	1 330	1 150	6.5	-13.7
Managers	575	385	265	100	50	-90.9	-47.4
Professionals	80	35	70	30	40	-50.4	29.5
Sales Workers	1 130	550	635	580	615	-45.3	6.2
Total	7 750	6 945	6 475	5 390	5 015	-35.2	-6.9

Time series

12 months ending 30 September	Commencements	Cancellations and withdrawals	Completions
2017	19 455	9 340	13 715
2018	17 165	8 265	11 750
2019	17 170	7 815	10 780
2020	14 810	6 940	8 945
2021	29 690	10 505	9 195

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 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—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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