

Apprentices and trainees 2021 September quarter



Quarterly - Tasmania



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Quarterly - Tasmania

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Commencements



Commencements highlights

as at September quarter 2021



1 840 commencements (up **58.8%** from September quarter 2020)



695 trades (up **71.2%** from September quarter 2020)



1 145 non-trades (up **52.1%** from September quarter 2020)



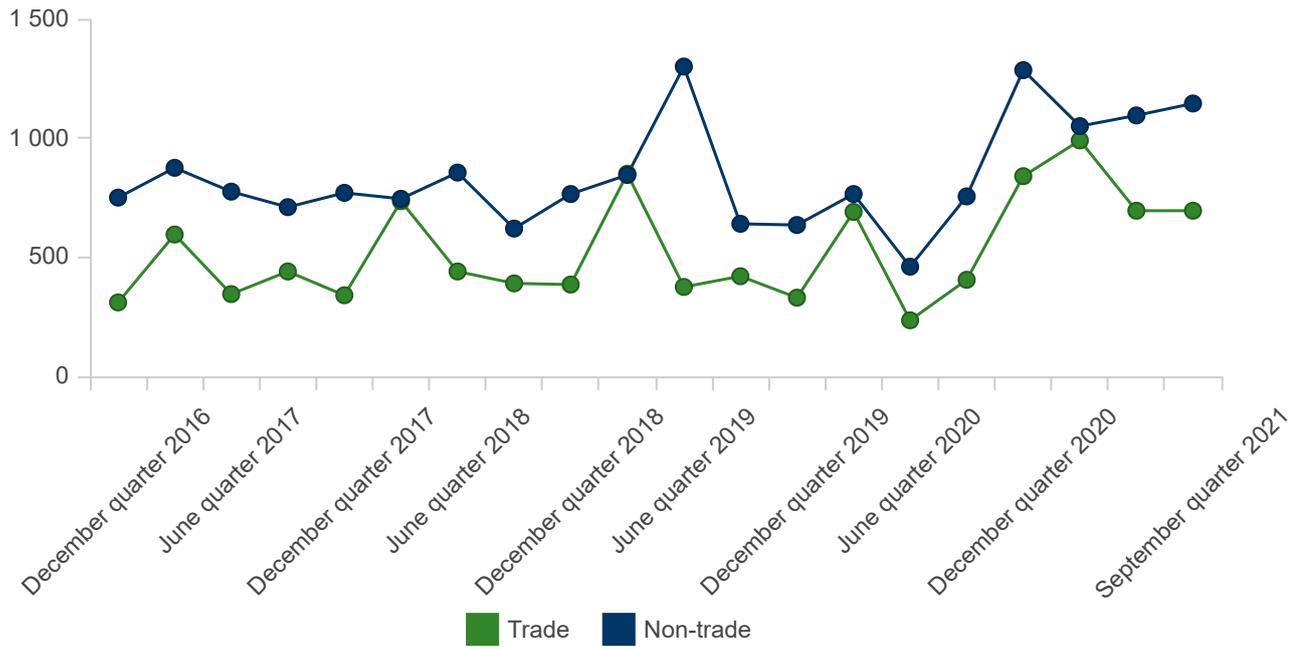
1 145 males (up **71.7%** from September quarter 2020)



695 females (up **41.4%** from September quarter 2020)

Commencements trends

Quarterly



Change in commencements numbers

from September quarter 2020 to September quarter 2021

Electrotechnology and Telecommunications Trades Workers (Trade)

↑ 80 (229.5%)

Sales Workers (Non-trade)

↑ 130 (164.1%)

Private sector

↑ 625 (63.3%)

Newly commencing worker

↑ 585 (97.9%)

Certificate III

↑ 500 (71.1%)

Full-time

↑ 540 (69.4%)

30 to 39 years

↑ 180 (100.6%)

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.

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	65	75	75	55	110	66.2	95.3
Construction Trades Workers	135	135	200	160	190	39.1	17.6
Electrotechnology and Telecommunications Trades Workers	35	50	45	35	115	211.7	229.5
Engineering, ICT and Science Technicians	15	15	10	20	95	489.2	371.4
Food Trades Workers	60	35	35	40	45	-23.5	15.7
Other Technicians and Trades Workers	105	55	40	70	95	-8.5	34.7
Skilled Animal and Horticultural Workers	25	25	10	25	45	91.9	91.9
Total	440	390	420	405	695	57.2	71.2

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	185	170	180	240	335	81.2	40.4
Community and Personal Service Workers	160	130	200	230	295	86.0	28.9
Labourers	95	110	105	110	140	44.2	24.7
Machinery operators and Drivers	70	95	50	60	105	54.1	80.2
Managers	30	15	40	30	40	46.9	37.1
Professionals	5	0	0	5	20	301.2	234.3
Sales Workers	165	95	65	80	210	24.9	164.1
Total	710	620	640	755	1 145	61.5	52.1

Cancellations and withdrawals



Cancellations / withdrawals highlights

as at September quarter 2021



835 cancellations / withdrawals (up 73.8% from September quarter 2020)



415 trades (up 85.1% from September quarter 2020)



425 non-trades (up 64.0% from September quarter 2020)



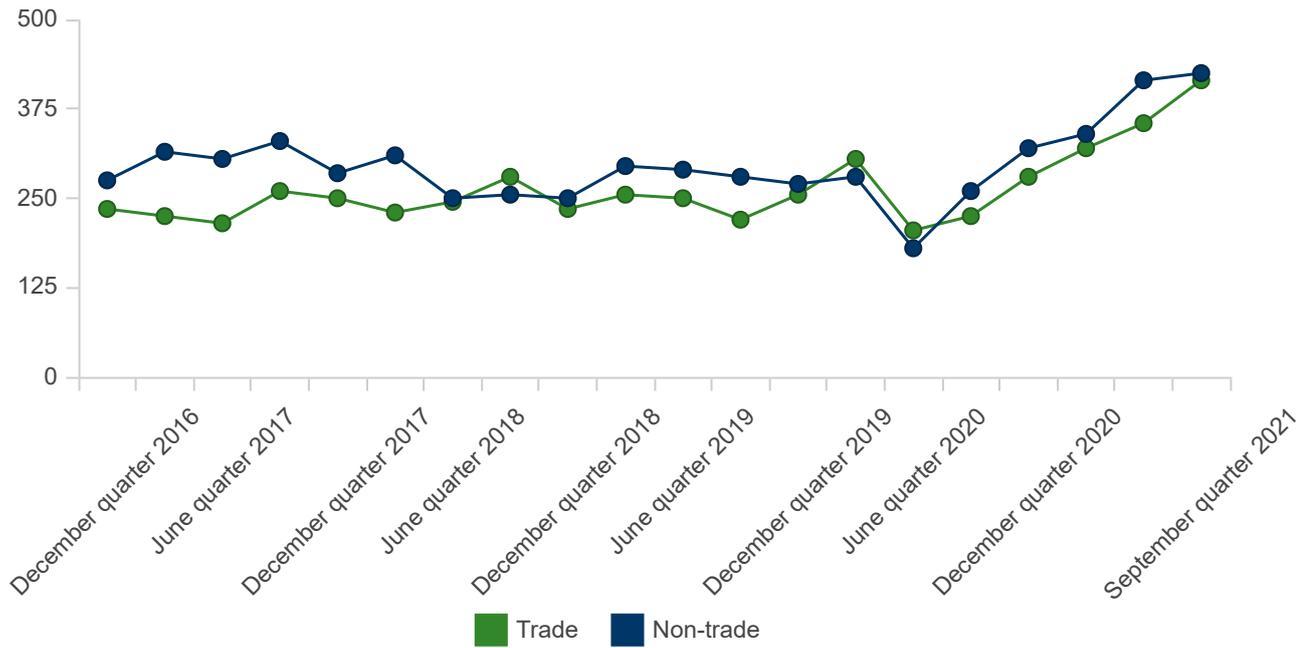
535 males (up 64.6% from September quarter 2020)



300 females (up 93.0% from September quarter 2020)

Cancellations / withdrawals trends

Quarterly



Change in cancellations / withdrawals numbers

from September quarter 2020 to September quarter 2021

Construction Trades Workers (Trade)

↑ 70 (95.3%)

Sales Workers (Non-trade)

↑ 60 (234.6%)

Private sector

↑ 315 (71.9%)

Newly commencing worker

↑ 295 (89.6%)

Certificate III

↑ 255 (73.6%)

Full-time

↑ 240 (67.8%)

20 to 24 years

↑ 135 (105.2%)

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.

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	35	50	35	40	95	172.4	118.3
Construction Trades Workers	55	90	60	70	140	150.1	95.3
Electrotechnology and Telecommunications Trades Workers	20	25	25	15	35	92.9	102.2
Engineering, ICT and Science Technicians	5	5	5	0	15	154.7	530.3
Food Trades Workers	110	70	50	45	65	-40.5	36.5
Other Technicians and Trades Workers	30	20	25	35	45	69.5	42.4
Skilled Animal and Horticultural Workers	10	15	20	10	20	108.4	129.2
Total	260	280	220	225	415	58.9	85.1

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	65	50	75	60	110	65.6	74.7
Community and Personal Service Workers	70	75	60	80	130	84.2	66.0
Labourers	30	35	35	30	55	66.4	75.7
Machinery operators and Drivers	65	30	50	45	20	-65.6	-49.4
Managers	15	5	15	15	20	31.2	21.8
Professionals	0	0	0	0	5	-	129.2
Sales Workers	85	60	45	25	85	1.8	234.6
Total	330	255	280	260	425	28.0	64.0

Completions



Completions highlights

as at September quarter 2021



795 completions (up **29.6%** from September quarter 2020)



300 trades (up **26.4%** from September quarter 2020)



495 non-trades (up **31.6%** from September quarter 2020)



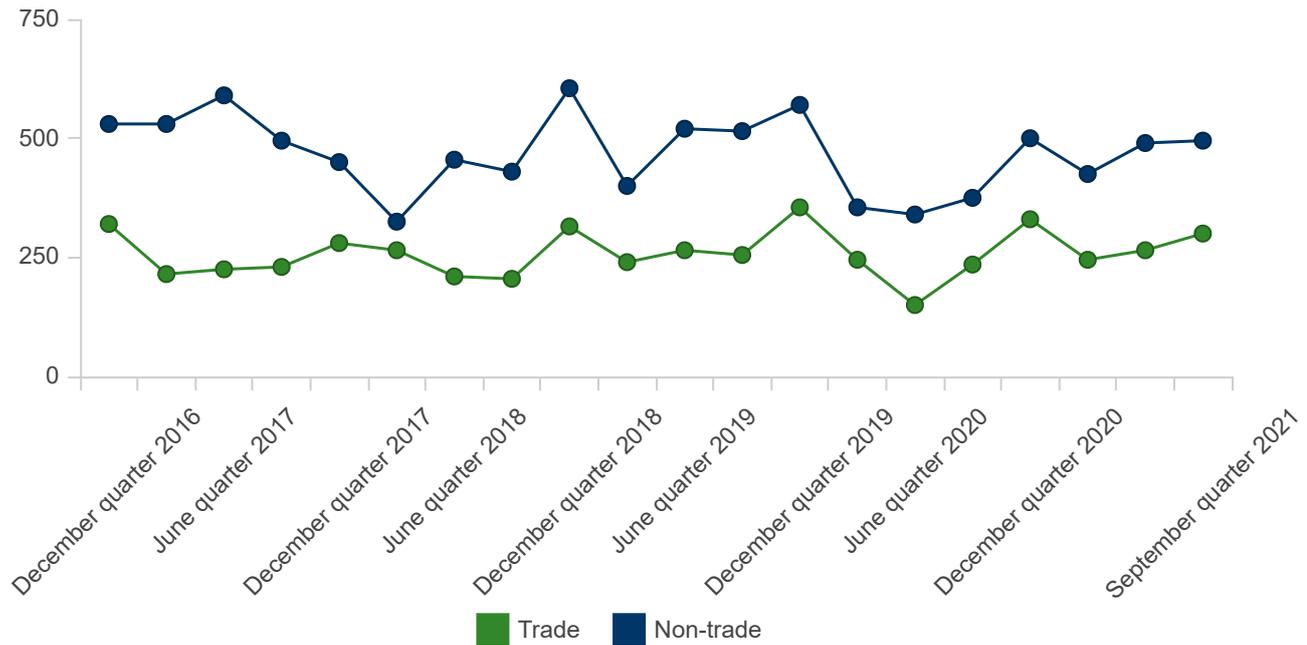
525 males (up **49.1%** from September quarter 2020)



270 females (up **3.2%** from September quarter 2020)

Completions trends

Quarterly



Change in completions numbers

from September quarter 2020 to September quarter 2021

Automotive and Engineering Trades Workers (Trade)

↑ 30 (82.7%)

Clerical and Administrative Workers (Non-trade)

↑ 80 (74.3%)

Private sector

↑ 130 (26.6%)

Existing worker

↑ 160 (67.4%)

Certificate IV

↑ 110 (102.5%)

Full-time

↑ 165 (34.1%)

30 to 39 years

↑ 55 (49.1%)

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.

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	75	35	55	40	70	-9.8	82.7
Construction Trades Workers	60	60	85	80	100	69.7	20.0
Electrotechnology and Telecommunications Trades Workers	20	25	30	35	30	69.1	-2.7
Engineering, ICT and Science Technicians	5	10	5	20	15	262.7	-30.9
Food Trades Workers	30	20	30	15	15	-54.7	-14.7
Other Technicians and Trades Workers	30	40	45	35	55	74.8	55.4
Skilled Animal and Horticultural Workers	5	10	5	10	15	92.4	49.7
Total	230	205	255	235	300	30.3	26.4

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	120	110	105	110	190	59.7	74.3
Community and Personal Service Workers	90	95	125	100	125	36.6	24.3
Labourers	70	35	55	70	45	-35.8	-36.7
Machinery operators and Drivers	85	40	70	25	65	-24.4	157.0
Managers	10	5	20	20	20	96.9	9.4
Professionals	0	5	0	5	5	418.1	29.5
Sales Workers	120	140	140	50	45	-61.4	-5.0
Total	495	430	515	375	495	0.1	31.6

In-training



In-training highlights

as at September quarter 2021



11 075 in-training (up **24.7%** from 30 September 2020)



4.3% of workers were employed as an apprentice or trainee



15.4% of employed workers within the trade occupations were an apprentice or trainee



6 045 trades (up **25.7%** from 30 September 2020)



5 030 non-trades (up **23.6%** from 30 September 2020)



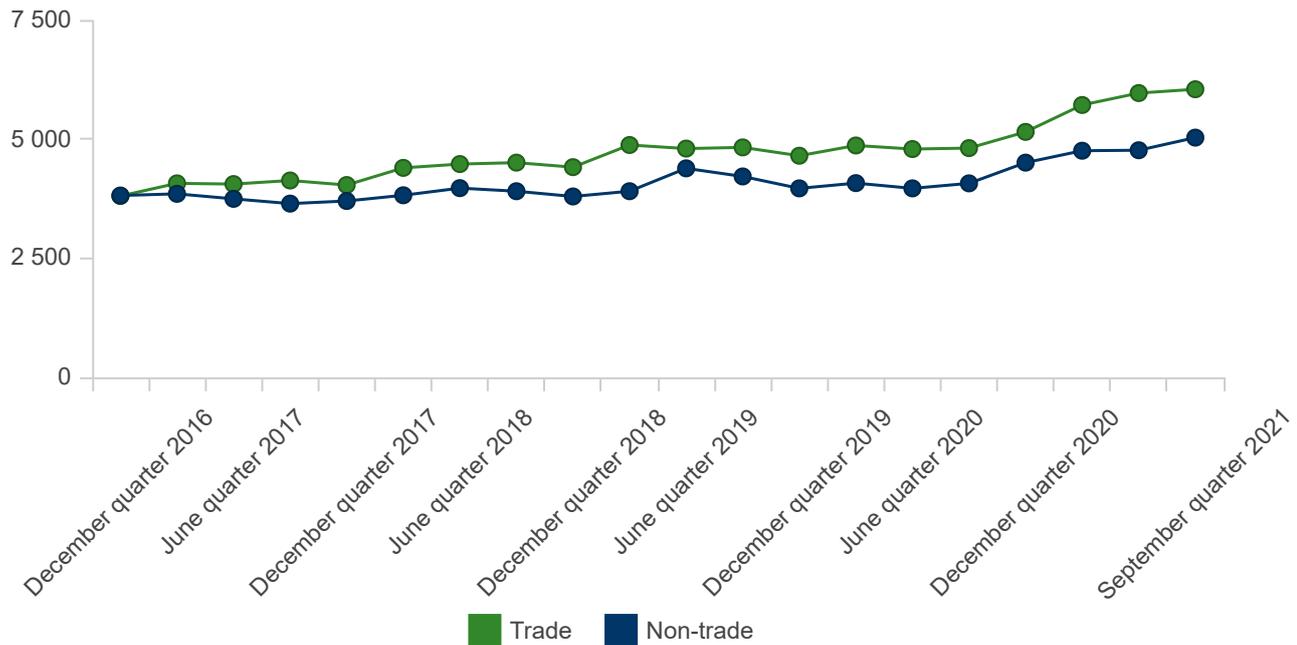
7 555 males (up **22.5%** from 30 September 2020)



3 520 females (up **29.9%** from 30 September 2020)

In-training trends

Quarterly



Change in in-training numbers

from 30 September 2020 to September 2021

- Construction Trades Workers (Trade)
 - ↑ 435 (23.3%)
- Clerical and Administrative Workers (Non-trade)
 - ↑ 360 (33.6%)
- Private sector
 - ↑ 1 905 (24.9%)
- Newly commencing worker
 - ↑ 1 835 (32.9%)
- Certificate III
 - ↑ 1 600 (24.4%)
- Full-time
 - ↑ 1 505 (21.6%)
- 15 to 19 years
 - ↑ 635 (30.2%)

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.

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	900	1 060	1 130	1 100	1 255	40.0	14.4
Construction Trades Workers	1 360	1 575	1 795	1 865	2 305	69.3	23.3
Electrotechnology and Telecommunications Trades Workers	570	605	635	645	840	47.1	29.8
Engineering, ICT and Science Technicians	95	130	115	125	260	170.3	107.6
Food Trades Workers	635	580	510	460	530	-16.9	14.5
Other Technicians and Trades Workers	450	420	480	435	630	39.8	45.1
Skilled Animal and Horticultural Workers	120	135	160	170	225	89.3	29.8
Total	4 130	4 505	4 825	4 810	6 045	46.3	25.7

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	820	865	1 025	1 065	1 425	73.3	33.6
Community and Personal Service Workers	1 005	960	1 055	1 180	1 445	43.5	22.3
Labourers	435	575	565	455	575	32.0	26.7
Machinery operators and Drivers	465	625	775	630	510	9.6	-18.7
Managers	160	160	160	270	270	69.9	1.3
Professionals	20	25	30	45	60	239.8	39.8
Sales Workers	735	695	610	425	740	0.3	73.4
Total	3 645	3 905	4 215	4 070	5 030	37.9	23.6

Time series

Quarter	Commencements	Cancellations and withdrawals	Completions	In-training at the end of the quarter
December quarter 2016	1 060	510	855	7 620
March quarter 2017	1 470	540	745	7 920
June quarter 2017	1 125	525	815	7 795
September quarter 2017	1 150	590	725	7 780
December quarter 2017	1 110	535	735	7 735
March quarter 2018	1 480	545	590	8 215
June quarter 2018	1 295	495	665	8 445
September quarter 2018	1 010	535	635	8 410
December quarter 2018	1 145	485	915	8 210
March quarter 2019	1 695	550	640	8 780
June quarter 2019	1 680	540	785	9 185
September quarter 2019	1 060	500	770	9 040
December quarter 2019	965	520	925	8 610
March quarter 2020	1 455	585	600	8 940
June quarter 2020	695	385	485	8 750
September quarter 2020	1 160	480	615	8 875
December quarter 2020	2 125	600	835	9 650
March quarter 2021	2 040	665	665	10 470
June quarter 2021	1 790	770	755	10 730
September quarter 2021	1 840	835	795	11 075

Apprentices and trainees

2021 September quarter



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12 months ending 30 September - Tasmania

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Commencements



Commencements highlights

12 months ending 30 September 2021



7 800 commencements (up **82.5%** from 2020)



3 220 trades (up **94.2%** from 2020)



4 575 non-trades (up **75.0%** from 2020)



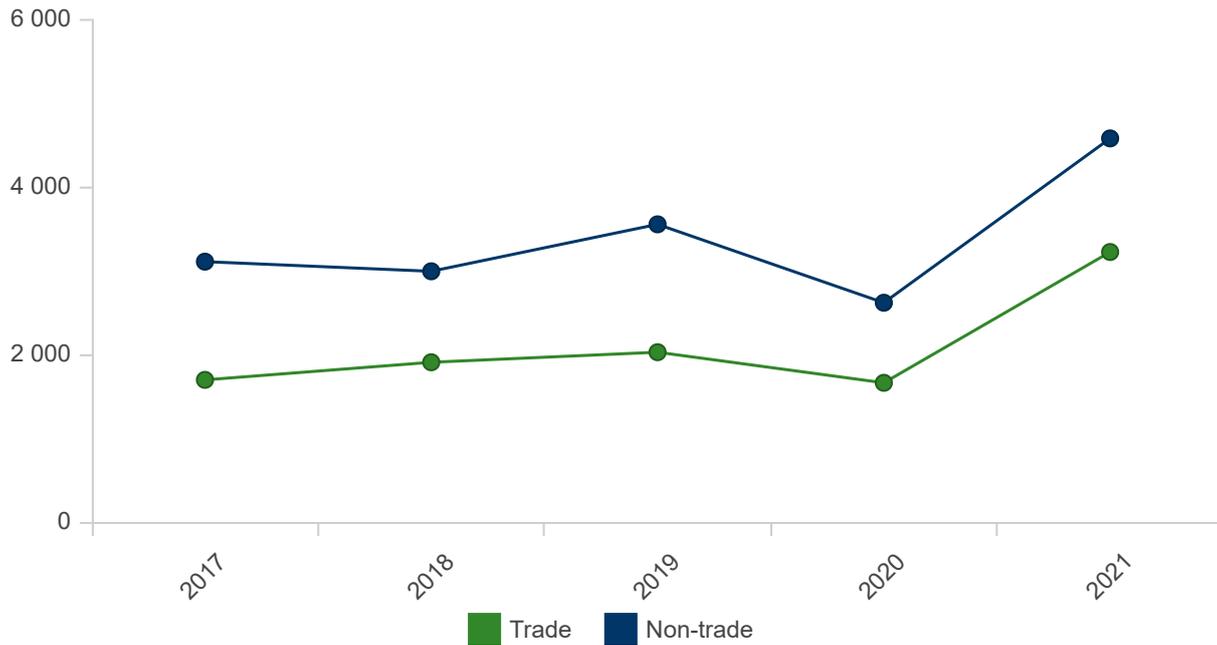
4 805 males (up **86.8%** from 2020)



2 995 females (up **76.0%** from 2020)

Commencements trends

12 months ending 30 September



Change in commencements numbers

from 2020 to 2021

Construction Trades Workers (Trade)

↑ 480 (79.9%)

Clerical and Administrative Workers (Non-trade)

↑ 750 (104.4%)

Private sector

↑ 3 025 (84.7%)

Newly commencing worker

↑ 2 625 (104.2%)

Certificate III

↑ 2 555 (94.4%)

Full-time

↑ 2 510 (81.8%)

15 to 19 years

↑ 1 165 (78.5%)

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.

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	340	445	395	325	595	75.7	83.3
Construction Trades Workers	525	610	710	600	1 085	105.5	79.9
Electrotechnology and Telecommunications Trades Workers	170	200	220	190	380	124.6	101.9
Engineering, ICT and Science Technicians	85	90	80	95	240	192.0	152.5
Food Trades Workers	240	250	205	180	270	11.7	51.0
Other Technicians and Trades Workers	270	220	305	195	475	74.4	140.8
Skilled Animal and Horticultural Workers	65	85	110	70	175	171.1	144.7
Total	1 695	1 905	2 025	1 660	3 220	89.8	94.2

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	730	700	975	720	1 470	101.9	104.4
Community and Personal Service Workers	640	660	885	785	1 180	84.7	50.8
Labourers	355	450	385	355	520	47.4	47.4
Machinery operators and Drivers	365	490	575	260	340	-7.0	29.6
Managers	145	80	115	215	180	21.2	-17.1
Professionals	15	15	15	35	50	272.0	53.2
Sales Workers	860	595	600	250	835	-2.8	237.1
Total	3 105	2 990	3 550	2 615	4 575	47.3	75.0

Cancellations and withdrawals



Cancellations / withdrawals highlights

12 months ending 30 September 2021



2 870 cancellations / withdrawals (up 45.5% from 2020)



1 375 trades (up 38.9% from 2020)



1 500 non-trades (up 52.1% from 2020)



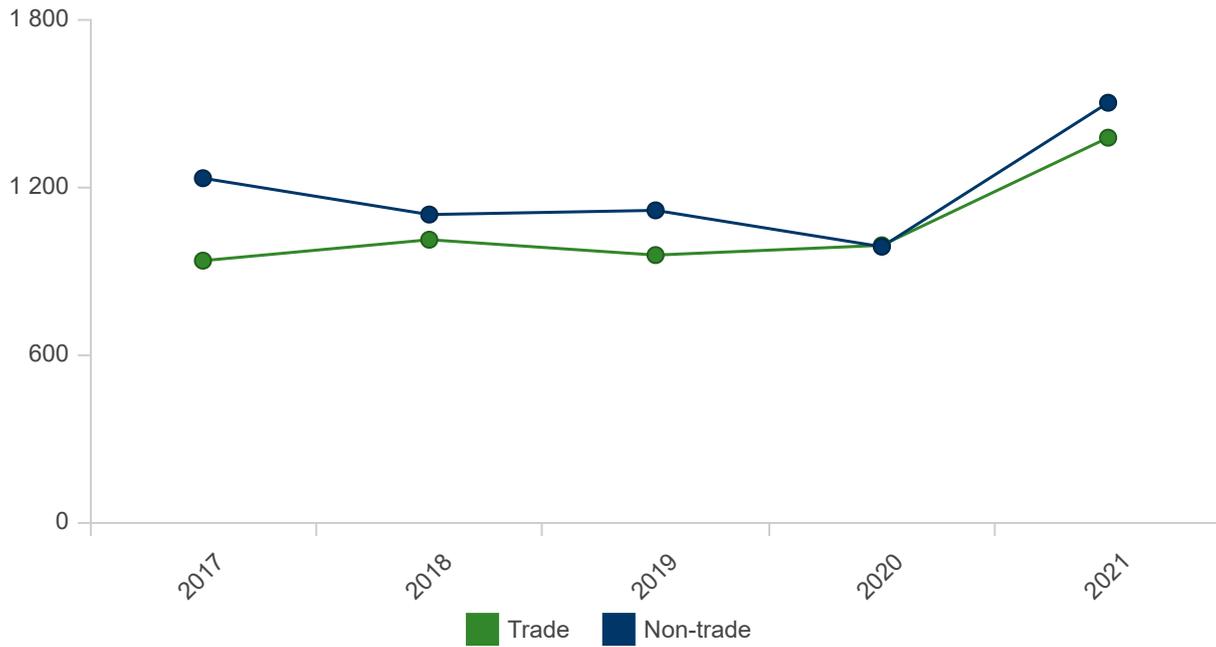
1 800 males (up 37.3% from 2020)



1 070 females (up 61.8% from 2020)

Cancellations / withdrawals trends

12 months ending 30 September



Change in cancellations / withdrawals numbers

from 2020 to 2021

Construction Trades Workers (Trade)

↑ 175 (58.6%)

Sales Workers (Non-trade)

↑ 175 (142.2%)

Private sector

↑ 755 (42.2%)

Newly commencing worker

↑ 720 (52.1%)

Certificate III

↑ 605 (40.9%)

Full-time

↑ 560 (38.5%)

20 to 24 years

↑ 315 (59.4%)

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.

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	130	180	160	200	280	118.3	39.0
Construction Trades Workers	200	265	290	300	475	137.8	58.6
Electrotechnology and Telecommunications Trades Workers	90	65	85	75	110	21.3	41.0
Engineering, ICT and Science Technicians	15	20	35	25	40	146.4	60.5
Food Trades Workers	370	330	225	215	230	-37.5	7.1
Other Technicians and Trades Workers	105	115	110	140	180	68.3	28.5
Skilled Animal and Horticultural Workers	25	40	50	30	60	146.7	96.1
Total	935	1 010	955	990	1 375	46.8	38.9

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	225	235	240	210	375	68.5	79.7
Community and Personal Service Workers	270	245	265	265	425	57.0	60.2
Labourers	150	160	180	160	200	31.8	25.4
Machinery operators and Drivers	140	145	195	175	120	-16.6	-32.4
Managers	75	45	40	50	65	-9.0	37.7
Professionals	0	5	0	5	15	-	157.4
Sales Workers	370	265	195	125	300	-18.5	142.2
Total	1 230	1 100	1 115	985	1 500	21.9	52.1

Completions



Completions highlights

12 months ending 30 September 2021



3 050 completions (up **16.2%** from 2020)



1 140 trades (up **15.5%** from 2020)



1 910 non-trades (up **16.6%** from 2020)



1 870 males (up **15.6%** from 2020)



1 180 females (up **17.1%** from 2020)

Completions trends

12 months ending 30 September



Change in completions numbers

from 2020 to 2021

Automotive and Engineering Trades Workers (Trade)

↑ 75 (40.9%)

Clerical and Administrative Workers (Non-trade)

↑ 185 (40.7%)

Private sector

↑ 275 (12.9%)

Existing worker

↑ 360 (36.9%)

Certificate IV

↑ 260 (61.8%)

Full-time

↑ 400 (20.3%)

30 to 39 years

↑ 170 (41.5%)

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.

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	245	175	225	190	265	9.6	40.9
Construction Trades Workers	240	275	340	330	385	60.3	17.3
Electrotechnology and Telecommunications Trades Workers	150	145	125	125	130	-13.3	3.9
Engineering, ICT and Science Technicians	40	45	55	65	55	43.3	-12.7
Food Trades Workers	130	115	135	100	70	-45.9	-27.7
Other Technicians and Trades Workers	150	175	165	145	155	2.6	5.4
Skilled Animal and Horticultural Workers	35	30	30	35	75	114.1	114.1
Total	990	965	1 075	985	1 140	15.1	15.5

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	415	425	535	460	645	55.6	40.7
Community and Personal Service Workers	490	460	510	385	480	-2.5	24.4
Labourers	270	155	195	265	200	-26.4	-24.5
Machinery operators and Drivers	245	195	230	190	255	3.7	36.3
Managers	50	35	65	45	105	111.0	119.9
Professionals	5	5	10	15	20	285.2	37.6
Sales Workers	670	380	500	285	215	-68.3	-25.5
Total	2 145	1 660	2 040	1 640	1 910	-10.9	16.6

Time series

12 months ending 30 September	Commencements	Cancellations and withdrawals	Completions
2017	4 805	2 165	3 135
2018	4 895	2 110	2 625
2019	5 580	2 070	3 115
2020	4 275	1 975	2 625
2021	7 800	2 870	3 050

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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