



Industry Snapshot

March 2020

Construction Training Fund
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ctf.wa.gov.au



Contents

Hello

Welcome to the new Construction Training Fund Industry Snapshot which is an interactive information service for our stakeholders.

The Snapshot provides news and information relating to the Construction Industry.

We would appreciate any feedback to help us improve the Snapshot.

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Although this report is dated March 2020, it should be noted that some data is taken from previous monthly/quarterly results if they are the most recent. ABS data relates to the most recent quarters/months of 2018-2019. In this version of the 'Snapshot', care must be taken when interpreting any comparison of data from different quarters or months. Unless otherwise stated, all apprenticeship and overall training data is current from WAAMs as at the end of December 2019. All interpretations and conclusions drawn from this data are those of the Construction Training Fund.

Stats at a Glance



Workforce size in construction

- 2.60%

(annualised)



Workforce size in mining

+ 5.80%

(annualised)



Apprentice commencements
(combined)

+ 1.0%



Apprentices in training
(combined)

- 5.77%



Apprentice training rates
(combined)

8.55%

with an increase of female and ATSI
apprentices and trainees in training



Total trainees

561



Students supported and mentored by CTF

300+



Important updates

- The latest research project prepared by the Construction Training Council is available to download, click on the Research Project link below:

[Outcomes of Pre-Apprentice Research](#)

- The Training Council has been assisting the Civil Contractors Federation Training Committee in preparing an Establishment and Variation of Apprenticeships (EVAC) for the State Training Board requesting the conversion of the Certificate III in Civil Construction qualifications from traineeships to A class apprentice qualifications.
- The Training Council has provided industry intelligence to assist the State Training Board in its preparation of the State Priority Occupation List (SPOL) for 2020.

The Workforce

Workforce in Construction

- 2.60%

Annualised, 12 months compared to previous 12 months

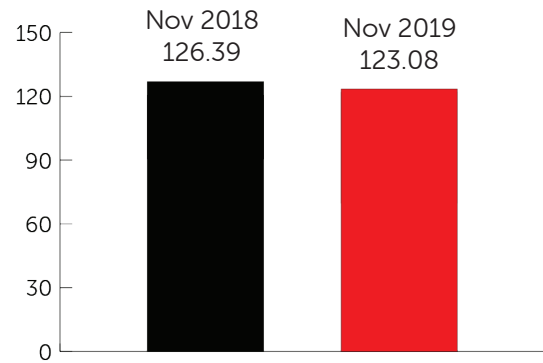
126,390

From year to Nov 2018

123,080

From year to Nov 2019

% Change over Period



Annualised¹

-2.60%

3 Months²

-0.75%

The industry currently employs 9.1% (annualised) of the State workforce as at November 2019.

ABS 6291.0.55.003

Workforce in Mining

+ 5.80%

Annualised, 12 months compared to previous 12 months

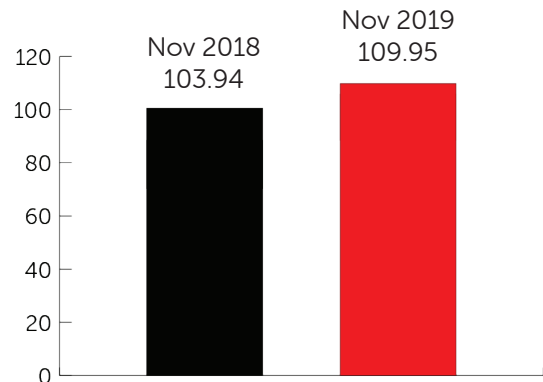
103,940

From year to Nov 2018

109,950

From year to Nov 2019

% Change over Period



Annualised³

+5.80%

3 Months⁴

-3.30%

The industry currently employs 8.3% (annualised) of the State workforce as at November 2019.

ABS 6291.0.55.003

The document Western Australian Resources Sector Outlook 2018 – 2028 produced by the Chamber of Minerals and Energy of Western Australia estimates that there are approximately 12,500 workers employed on construction projects within the mining sector.

Note: The 2018–2028 Western Australian Resources Sector Outlook includes operational and engineering construction workers.

¹ Full year compared to previous full year

² This quarter compares to previous quarter

³ Full year compared to previous full year

⁴ This quarter compares to previous quarter

Apprentice Commencements and Training

Apprentice Commencements¹

(as at end December 2019)

0.0%

Construction

% Change over Period

Construction

Electrical

Combined

+ 2.0%

Electrical

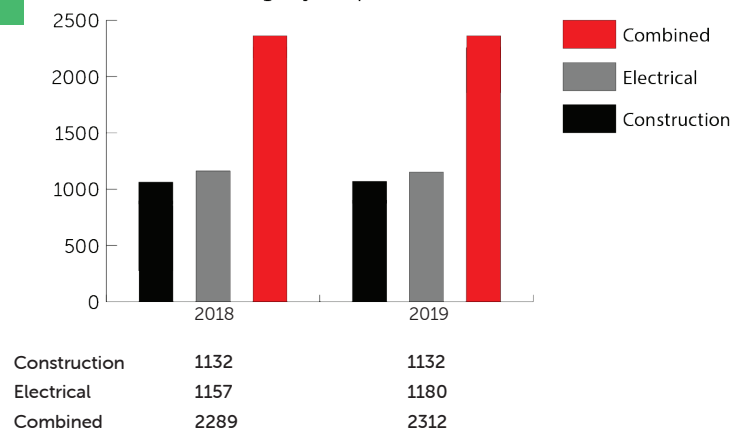
Annualised

0.0%

+2.0%

+1.0%

Apprentice Commencements
(Rolling 2 year period)



This chart illustrates that electrical apprentice commencement numbers continue to grow. There was a 9.9% increase in electrical commencements when comparing Q4 2018 to Q4 2019, whereas construction apprentice commencements decreased by 1.7% when comparing Q4 2018 to Q4 2019.

Apprentices in Training²

(Year on Year Increase - Point in Time)

- 9.37%

Construction

% Change over Period

Construction

Electrical

Combined

- 2.52%

Electrical

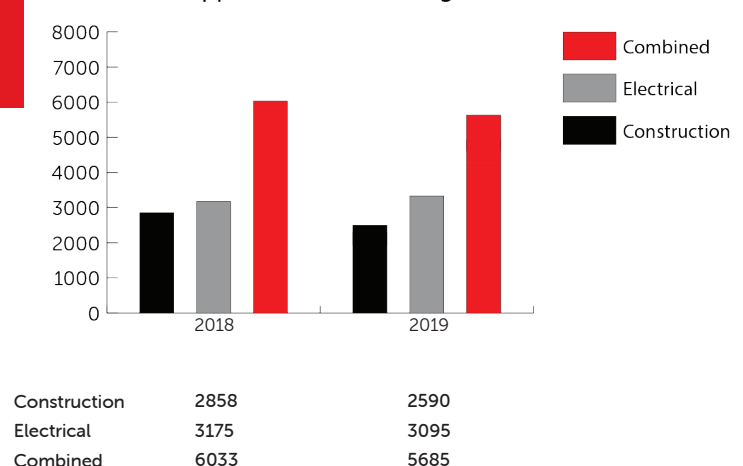
Annualised

-9.37%

-2.52%

-5.77%

Apprentices 'In Training'



The number of both construction and electrical apprentices 'In Training' continues to decline

¹ 'Commencements' are training contracts that have been signed in comparative 12-month periods.

² 'In Training' is the total number of apprentices currently in a contract of employment as an apprentice

Apprentice Rates

Apprentice Training Rates¹ (Annualised)

The Training Rate¹ is the number of apprentices 'in training' compared to the number of tradespeople in the same industry. This chart shows the ratio between tradespeople and apprentices as at December 2019.

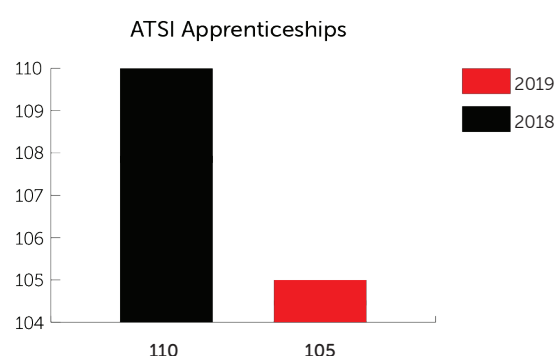
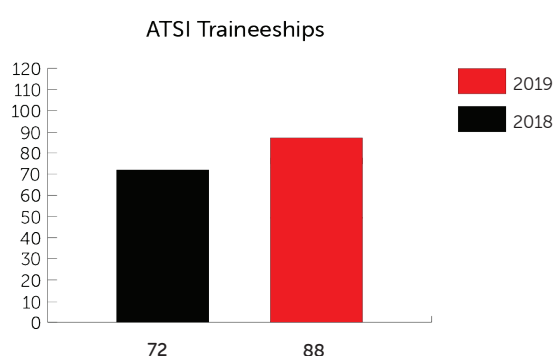
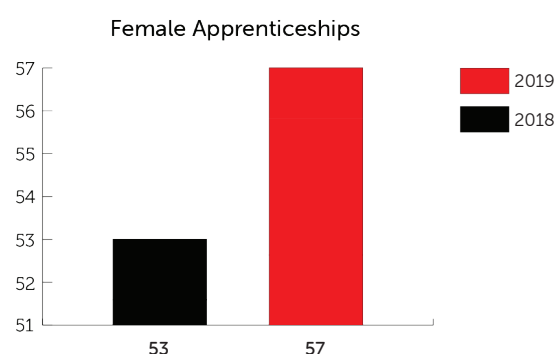
Training Rate		
Field \ Year	2018	2019
Construction	6.50%	5.55%
Electrical	18.89%	15.62%
Combined	9.93%	8.55%

ABS 6291.0.55.003, ST_E08



Female Apprentices, Trainees & Aboriginal / Torres Strait Islanders

These charts reflect the 'In Training' figures.



¹ 'Training Rate' is the number of apprentices 'in training' compared to the number of tradespeople in the same industry as stated by ABS 6291.0.55.003, ST_E08

Apprentices in Training

The following chart shows the number of apprentices 'In Training' as at the end of December 2019.

Industry Area	# of Apprentices
Bricklaying	111
Carpenter	35
Carpentry and Joinery	943
Concreter	13
Painter and Decorator	218
Plastering	37
Plumbing and Gasfitting	885
Roof Plumbing	118
Roof Tiling	8
Wall and Ceiling Fixing	95
Tilelaying	83
Electrical	3095
Total Building and Construction Apprentices	2590
Total Building, Construction and Electrical Apprentices	5685



Traineeships

The following chart shows the number of trainees 'In Training' as at the end December 2019.

Industry Area	# of Trainees
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Bituminous Surfacing (Level 3)	12
Bridge Maintenance and Construction (Level 3)	7
Building and Construction Trade Trainee (Level 2)	7
Building Maintenance (Level 2)	31
Civil and Structural Engineering Draftsperson (Level 5)	14
Civil Construction (Level 2)	4
Civil Construction (Level 3)	112
Civil Construction Supervisor (Level 4)	97
Civil Construction Designer (Level 5)	2
Drainage (Level 2)	2
Estimating (Housing) (Level 4)	16
General Construction (Level 2)	46
Pipelaying (Level 3)	29
Plant Operations (Level 3)	24
Rigging (Level 3)	15
Road Construction and Maintenance (Level 3)	30
Scaffolding (Level 3)	12
Site Management (Level 4)	23
Traffic Management (Level 3)	29
Trenchless Technology (Level 3)	47
Road Marking (Level 4)	2
Total Building and Construction Trainees	561

There are currently 561 trainees in training, primarily in the Civil Construction sector. The number of traineeships has grown in recent years and it is anticipated that the Civil Construction sector will see further growth with numerous civil construction projects being undertaken throughout Western Australia.

Employer Grants

Table of Incentives

The following table is a summary of incentive grants available to eligible employers.

Apprentices: Core Construction Trades (e.g Carpenter, Bricklayer, Plumber, etc.)

Base Grant	Regional (South)	Regional (North)	Indigenous	Female	Mature Age	Trade Bonus	Potential Grant
Between \$8,000 and \$10,000	10% of base grant	20% of base grant	30% of base grant	Between \$1,000 and \$2,000	Between \$1,000 and \$2,000	Between \$2,000 and \$4,000	Between \$19,000 and \$25,000

Apprentices: Electrical Mechanics

Base Grant	Regional (South)	Regional (North)	Indigenous	Female	Mature Age	Trade Bonus	Potential Grant
\$8,000	10% of base grant	20% of base grant	30% of base grant	\$2,000	\$2,000	\$1,000	\$19,000

Apprentices: Non-core Construction Trades

(e.g Cabinet making, Security Equipment Installation, Engineering Fabrication Sheetmetal)

Base Grant	Regional (South)	Regional (North)	Indigenous	Female	Mature Age	Trade Bonus	Potential Grant
\$8,000	10% of base grant	20% of base grant	30% of base grant	\$2,000	\$2,000	\$1,000	Between \$17,000 and \$19,000

Traineeships – Certificate II to IV

(e.g Build Maintenance, Demolition, Building and Construction – Estimating)

Base Grant	Regional (South)	Regional (North)	Indigenous	Female	Mature Age	Trade Bonus	Potential Grant
Between \$3,000 and \$8,000	10% of base grant	20% of base grant	30% of base grant	Between \$500 and \$1,000	Between \$500 and \$1,000	Between \$1,000 and \$2,000	Between \$6,500 and \$16,000

For full details of the incentives available and other publications visit the Construction Training Fund's website at www.ctf.wa.gov.au

Supplementary Skills and OHS Courses

The top ten construction skills courses supplemented by the CTF between December 2017 and December 2019.

Course Name	# of Attendants
Operate Small Plant and Equipment	612
Dogging	512
Excavator Operations	508
Forklift	459
Elevated Work Platform (EWP) Operator Licence – Yellow Card	384
Telescopic Material Handler	347
Skid Steer	294
Traffic Management & Controller - Refresher	234
Scissor lift	105
Roller Operations	88

The top ten Occupational Health and Safety courses supplemented by the CTF between December 2017 and December 2019.

Course Name	# of Attendants
General Awareness Training – Mates In Construction	3083
Height Safety/Working at Heights	3031
Traffic Management and Traffic Controller (Basic Worksite)	944
Elevated Work Platform	872
First Aid	843
Confined Space Entry	799
Tilt Up Construction	747
Work Safely & Follow OSH	691
Senior First Aid	640
Combined – Confined Space & Gas Test Atmosphere	585

Activity Statistics

Apprenticeship and Traineeship Support	2019-2020 ¹ FYTD Result	2018-2019 ² FYTD Result
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Pre-Apprentice Graduate Bonuses \$250	276	192
Employer Visits	917	1,026

Short Courses	2019-2020 ¹ FYTD Result	2018-2019 ² FYTD Result
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Supplementary Skills Total	3,429	4,654
Occupational Health and Safety	4,859	6,266

Career Promotion	2019-2020 ¹ FYTD Result	2018-2019 ² FYTD Result
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Try-A-Trade Students	1,312	877
Career Presentations	232	192
# of Participants at career presentations	4,268	4,847
Expo Events	63	51
Website visits at www.ctf.wa.gov.au	96,673	34,935

¹FYTD = 1 July 2019 to 29 February 2020

²FYTD = 1 July 2018 to 29 February 2019

