



# CTF

## Industry Snapshot September 2019

Construction Training Fund  
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[ctf.wa.gov.au](http://ctf.wa.gov.au)



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Although this report is dated September 2019, 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 June 2019.

All interpretations and conclusions drawn from this data are those of the Construction Training Fund.

# Stats at a Glance



Workforce size in construction

**- 9.05%**

(annualised)



Workforce size in mining

**+ 14.70%**

(annualised)



Apprentice commencements  
(combined)

**- 7.36%**

Apprentices in training  
(combined)

**- 1.13%**



Apprentice training rates  
(combined)

**8.70%**

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



Total trainees

**611**

in civil construction



Students supported and mentored by CTF

**300+**



## Important updates

- CTF worked with the resources sector on timing and leviabile value of projects
- List of qualifications to be expanded to include traineeships and apprenticeships identified by resource sector consultations
- No voiced oppositions to BCITF Levy
- CTF to support apprentices on identified qualifications on deployed projects

# Workforce

## Workforce in Construction

**- 9.05%**

Annualised, 12 months compared to previous 12 months

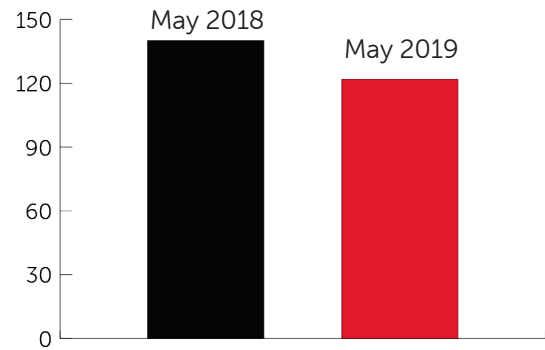
**135,440**

From year to May 2018

**123,180**

From year to May 2019

% Change over Period



Annualised<sup>1</sup>

-9.05%

3 Months<sup>2</sup>

+8.01%

The industry currently employs 9.2% (annualised) of the State workforce as at May 2019.

ABS 6291.0.55.003

## Workforce in Mining

**+ 14.70%**

Annualised, 12 months compared to previous 12 months

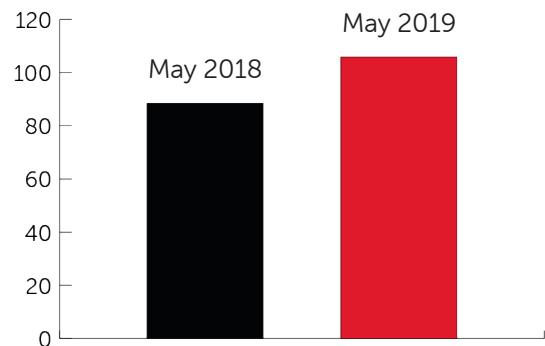
**92,670**

From year to May 2018

**106,330**

From year to May 2019

% Change over Period



Annualised<sup>3</sup>

+14.70%

3 Months<sup>4</sup>

+2.48%

The industry currently employs 7.9% (annualised) of the State workforce as at May 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.

<sup>1</sup> Full year compared to previous full year

<sup>2</sup> This quarter compares to previous quarter

<sup>3</sup> Full year compared to previous full year

<sup>4</sup> This quarter compares to previous quarter

# Apprentice Commencements and Training

## Apprentice Commencements<sup>1</sup>

(as at end June 2019)

**- 14.94%**

Construction

% Change over Period

Construction

Electrical

Combined

**+ 0.79%**

Electrical

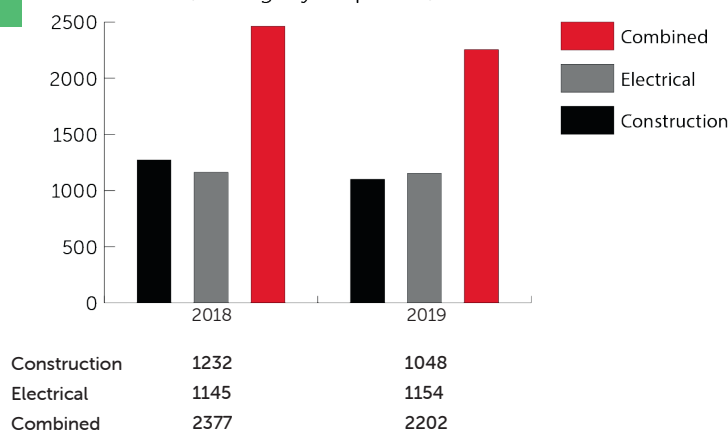
Annualised

**-14.94%**

**+0.79%**

**-7.36%**

Apprentice Commencements  
(Rolling 2 year period)



This chart shows a continuing decline in the number of construction trade apprentice commencements. However, there has been a slight increase in the number of electrical apprentice commencements.

## Apprentices in Training<sup>2</sup>

(Year on Year Increase - Point in Time)

**- 4.41%**

Construction

% Change over Period

Construction

Electrical

Combined

**+ 1.83%**

Electrical

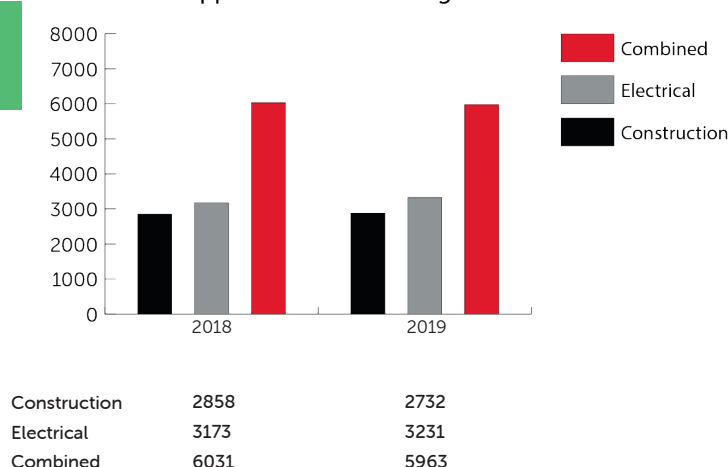
Annualised

**-4.40%**

**+1.83%**

**-1.13%**

Apprentices 'In Training'



As shown, the number of construction apprentices 'In Training' has decreased whilst the number of Electrical apprentices has increased marginally.

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

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

# Apprentice Rates

## Apprentice Training Rates<sup>1</sup> (Annualised)

The Training Rate<sup>1</sup> 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 June 2019.

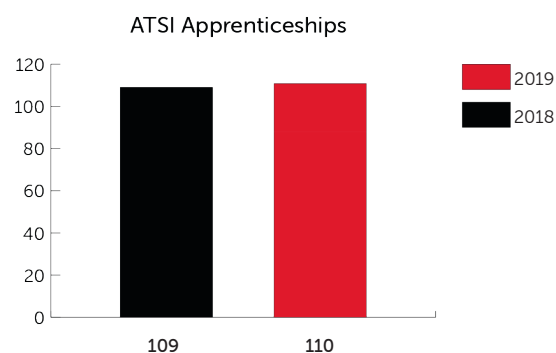
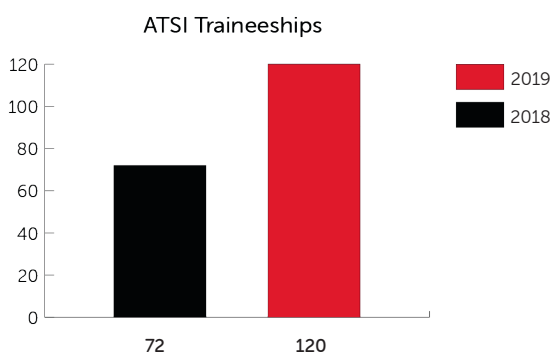
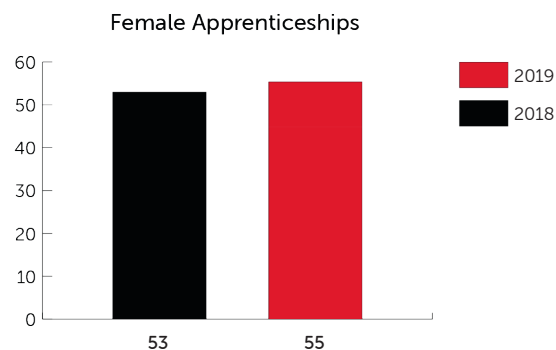
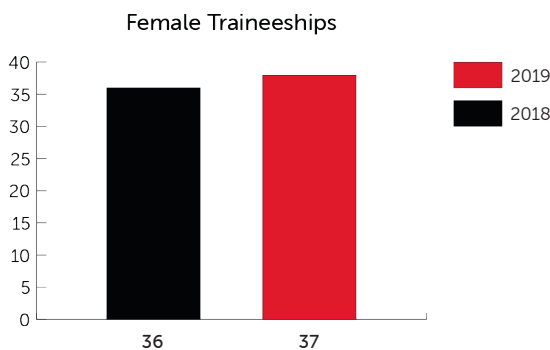
Field \ Year	Training Rate	
	2018	2019
Construction	6.36%	5.61%
Electrical	18.75%	16.30%
Combined	9.74%	8.70%



ABS 6291.0.55.003, ST\_E08

## Female Apprentices & Trainees, and Aboriginal / Torres Strait Islanders

These charts reflect the 'In Training' figures.



<sup>1</sup>'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 June 2019.

Industry Area	# of Apprentices
Bricklaying	114
Carpenter	7
Carpentry and Joinery	977
Concreter	17
Painter and Decorator	234
Plastering	49
Plumbing and Gasfitting	925
Roof Plumbing	103
Roof Tiling	13
Wall and Ceiling Fixing	110
Tilelaying	94
Electrical	3231
<b>Total Building and Construction Apprentices</b>	<b>2732</b>
<b>Total Building, Construction and Electrical Apprentices</b>	<b>5963</b>



# Traineeships

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

Industry Area	# of Trainees
Bituminous Surfacing (Level 3)	16
Bridge Maintenance and Construction (Level 3)	7
Building and Construction Trade Trainee (Level 2)	23
Building Maintenance (Level 2)	32
Civil Construction (Level 2)	15
Civil Construction (Level 3)	109
Civil Construction Supervisor (Level 4)	84
Drainage (Level 2)	2
Estimating (Housing) (Level 4)	7
General Construction (Level 2)	90
Pipelaying (Level 3)	36
Plant Operations (Level 3)	31
Rigging (Level 3)	15
Road Construction and Maintenance (Level 3)	42
Scaffolding (Level 3)	7
Site Management (Level 4)	25
Trenchless Technology (Level 3)	70
<b>Total Building and Construction Trainees</b>	<b>611</b>

There are currently 611 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 in numbers.



# 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](http://www.ctf.wa.gov.au)

# Supporting Skills

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

Course Name	# of Attendants
Operate Small Plant and Equipment	504
Elevated Work Platform	501
Excavator Operations	436
Dogging	365
Elevated Work Platform (EWP) over 11 meters - inexperienced	296
Forklift	283
Telescopic Material Handler	255
Demolition	220
Skid Steer	216
Roller Operations	213

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

Course Name	# of Attendants
General Awareness Training – Mates In Construction	3255
Height Safety/Working at Heights	2136
Traffic Management and Traffic Controller (Basic Worksite)	692
Tilt Up Construction	637
Senior First Aid	573
First Aid	508
Confined Space Entry	484
Combined – Confirmed Space and Gas Test Atmosphere	393
Work Safely and Follow OSH	356
Connector Training – Mates In Construction	270

# Activity Statistics

Apprenticeship and Traineeship Support	2019-2020 <sup>1</sup> FYTD Result	2018-2019 <sup>2</sup> FYTD Result
Pre-Apprentice Graduate Bonuses \$250	29	17
Female Bonus	11	4
Employer Visits	215	238

Short Courses	2019-2020 <sup>1</sup> FYTD Result	2018-2019 <sup>2</sup> FYTD Result
Supplementary Skills Total	802	1068
Occupational Health and Safety	1376	1606

Career Promotion	2019-2020 <sup>1</sup> FYTD Result	2018-2019 <sup>2</sup> FYTD Result
Try-A-Trade Students	513	309
Career Presentations	68	57
# of Participants at career presentations	1309	1590
Expo Events	23	24
Website visits at <a href="http://www.ctf.wa.gov.au">www.ctf.wa.gov.au</a>	26,176	956

<sup>1</sup>FYTD = 1 July to 31 August 2019

<sup>2</sup> FYTD = 1 July to 31 August 2018

