



New South Wales - Construction



Victoria - Electrotechnology



Queensland – Furniture Making



Western Australia - Engineering

## TRADE TRAINING CENTRES in SCHOOLS PROGRAM 2014 PROGRESS REPORT



South Australia - Shearing



Tasmania - Aquaculture



Australian Capital Territory - Cookery



Northern Territory - Engineering

## Background

The Australian Government is investing nearly \$1.4 billion over 7 years (2008 – 2016) through the Trade Training Centres in Schools Program (the Program) to enable secondary school students in Australia to have access to modern trade training facilities.

In consultation with their education authorities, eligible schools could access Program funding to build new or upgrade existing trade or vocational education and training facilities; and to equip those facilities with industry standard equipment. Eligible secondary schools could apply for funding under the Program either individually or in groups, called 'clusters'.

The objectives of the Program seek to help

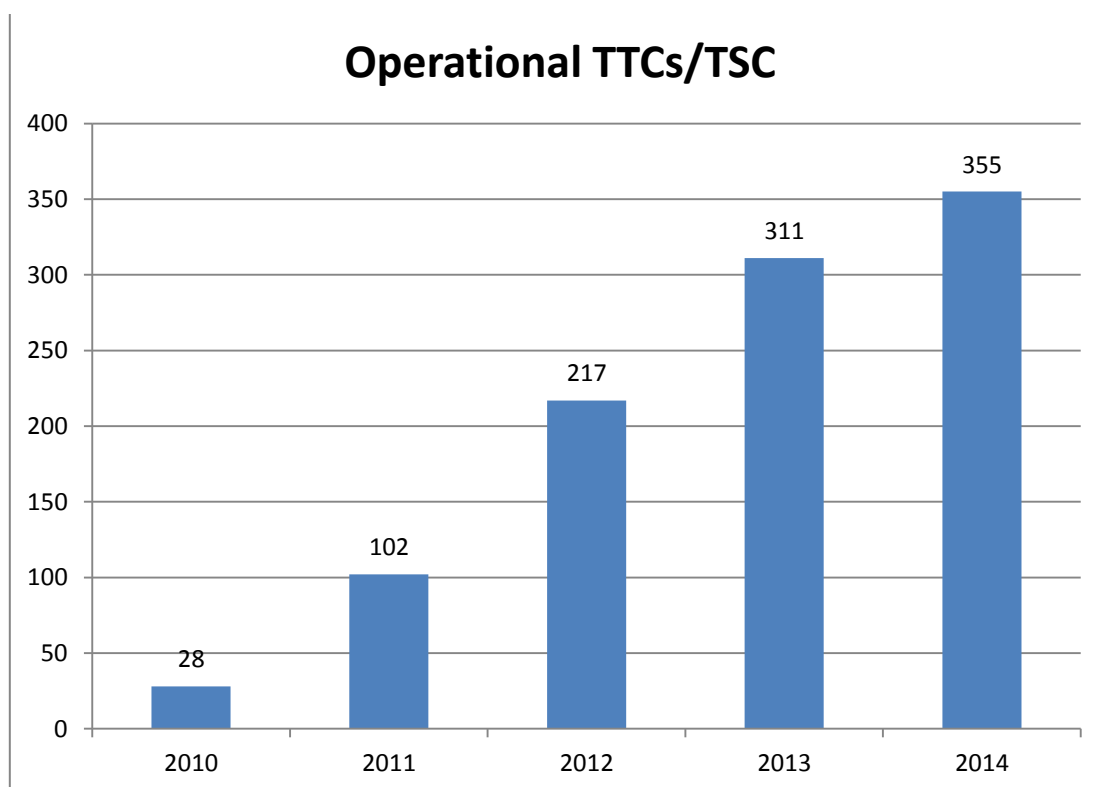
- support the achievement of a national Year 12 or equivalent attainment rate of 90 per cent by 2015
- address skills shortages in traditional trades and other eligible occupations by
  - improving student access to trade training facilities that meet industry standards
  - improving the quality of schooling offered to secondary students undertaking trade related pathways
  - assisting young people to make a successful transition from school to work or further education or training
- support the Council of Australian Government's 'Closing the Gap' initiative to halve the gap between Aboriginal and Torres Strait Islander and other students in Year 12 or equivalent attainment rates by 2020.

The source for all Tables and Figures is the annual Activity Reports submitted by each Trade Training Centre (TTC), and the Trade Skills Centre (TSC), operating in 2014.

## Participation

355 TTCs and one TSC reported as operational in 2014. 340 of these TTCs/TSC had enrolments with 679 sites where facilities were either constructed or refurbished and equipped and 599 of these sites had enrolments in 2014. The TTCs/TSC enrolled students from 1,045 schools consisting of 785 contracted schools and 260 schools that were not contracted to the TTCs/TSC.

Figure 1: Number of operational TTCs/TSC by Year



## Enrolments

The increase in the number of student enrolments continues to increase as more centres become operational (refer Table 1) as did the Certificate I and II enrolments (refer Figure 2).

Table 1: Enrolments in TTCs/TSC

Enrolments	2010	2011	2012	2013	2014
Certificate I	294	3711	5887	7577	8771
Certificate II	648	4808	14064	17853	19672
Certificate III	778	672	1456	1093	1700
Certificate IV	0	0	0	0	14
Pre-vocational				31	56
Male	1448	7043	15963	19611	21527
Female	272	2148	5444	6943	8686
Indigenous	350	1047	1669	2131	2815
Non-Indigenous	1370	8144	19738	24423	27398

Figure 2: Enrolments in TTCs/TSC by Certificate Level by Year

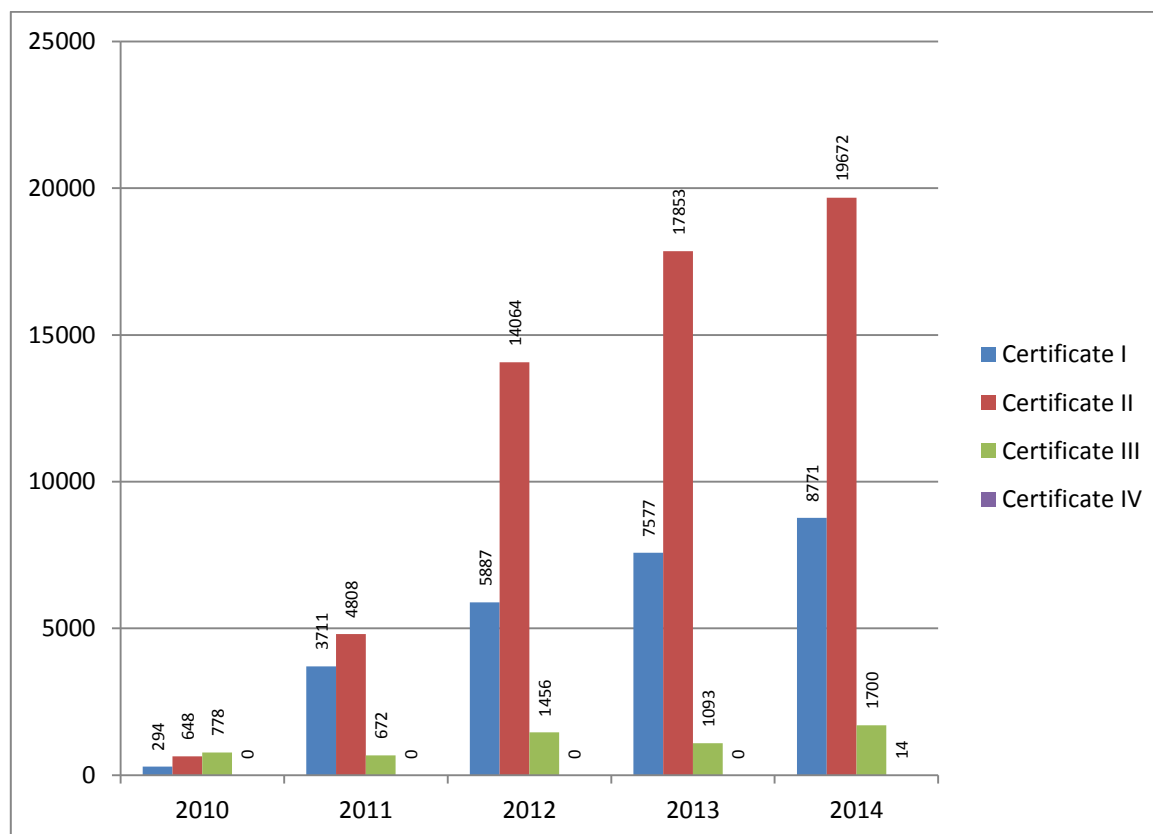
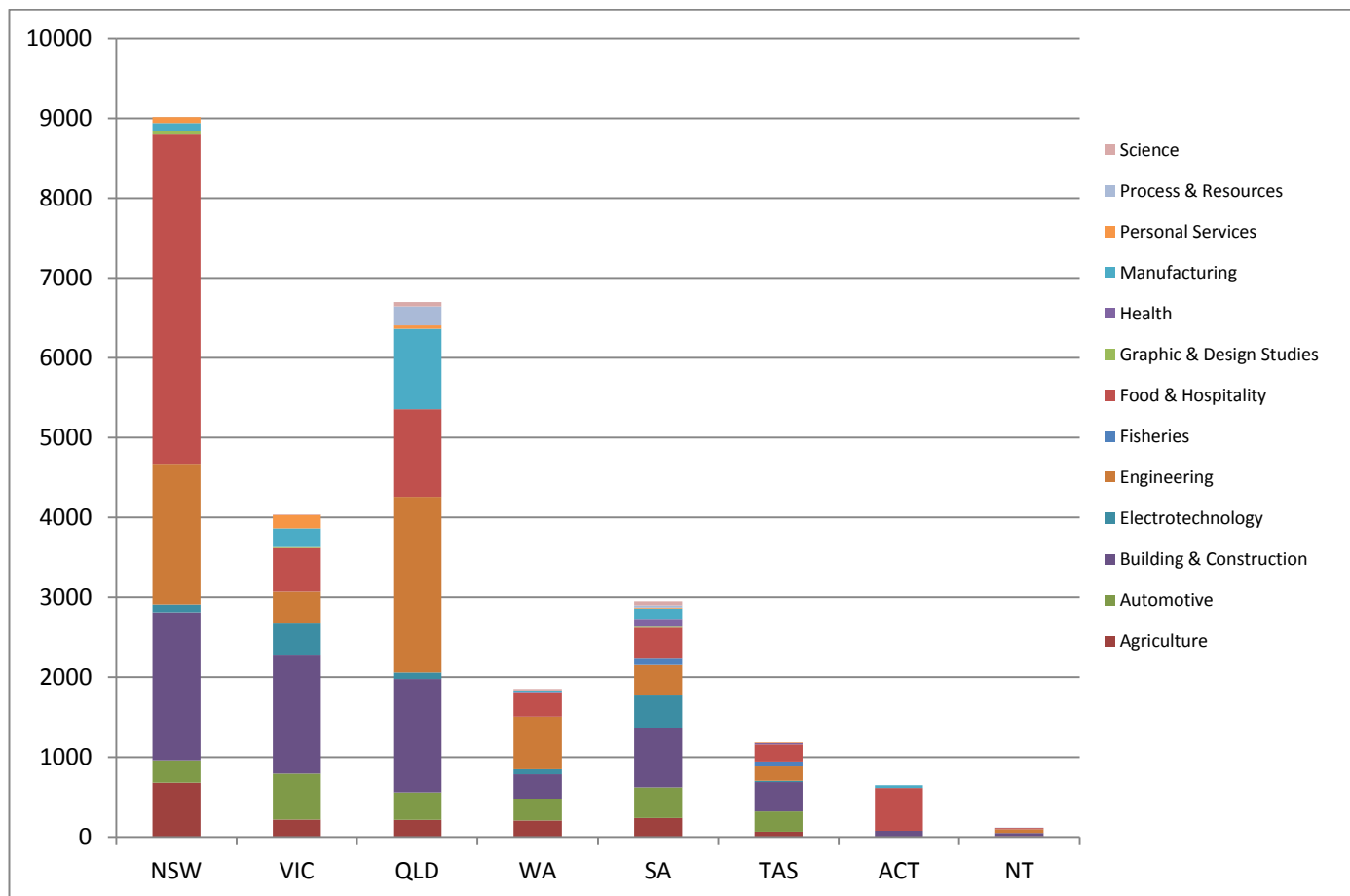


Figure 3 shows all 2014 TTC/TSC enrolments by broad Field of Study and by jurisdiction.

Figure 3 TTC/TSC Enrolments by Field of Study



The Program aims to address skills shortages in traditional trades and occupations in local demand. Skills shortages tend to occur in traditionally male dominant industries such as engineering, automotive trades and construction.

Enrolment data for 2014 show that females make up 29 per cent of all TTC/TSC enrolments, predominantly in the fields of Hospitality and Hairdressing (refer Figure 3).

By contrast males make up 71 per cent of TTC/TSC enrolments and are mainly enrolled in the fields of Engineering, and Building and Construction (refer Figure 4).

**Note: For Figures 4 to 10 some Fields of Study have been combined:**

**Agriculture** includes Fisheries, Horticulture, Viticulture and Environmental Studies

**Engineering** includes Aerospace

**Manufacturing** includes Furniture Making

**Health** includes Human Welfare and Community Services

Figure 4: Female TTC/TSC Enrolments by Field of Study

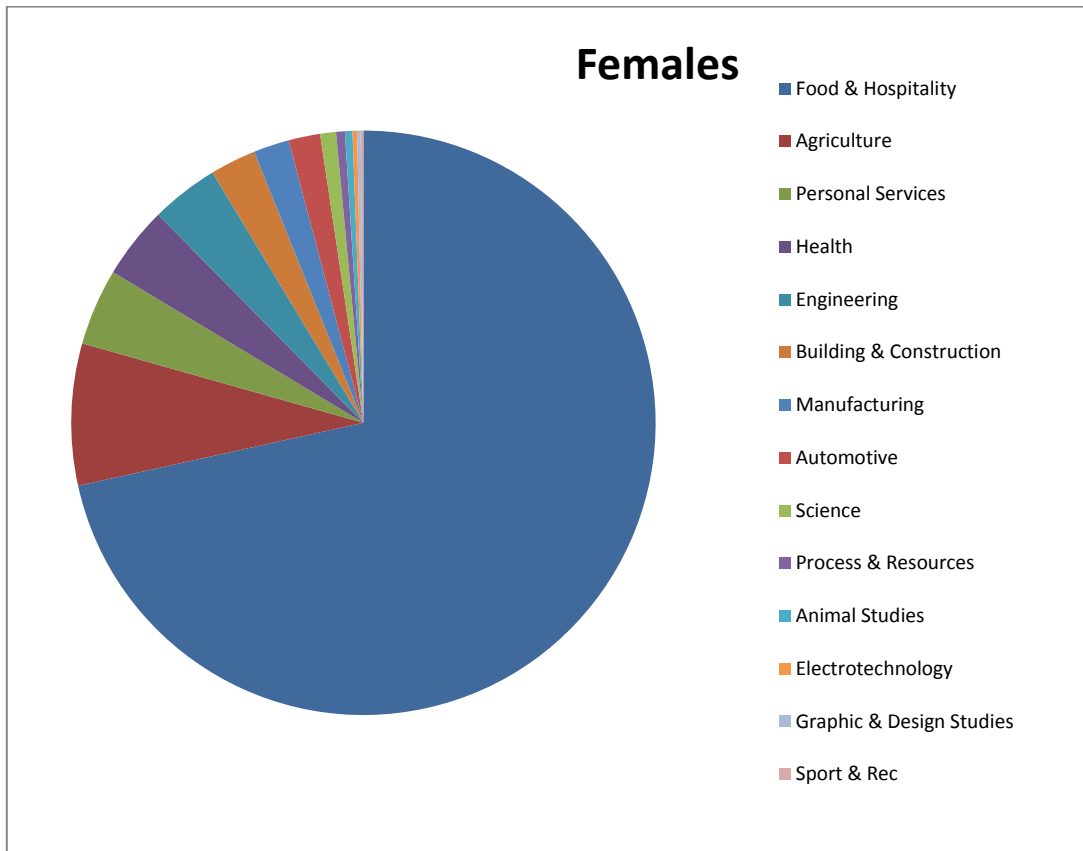
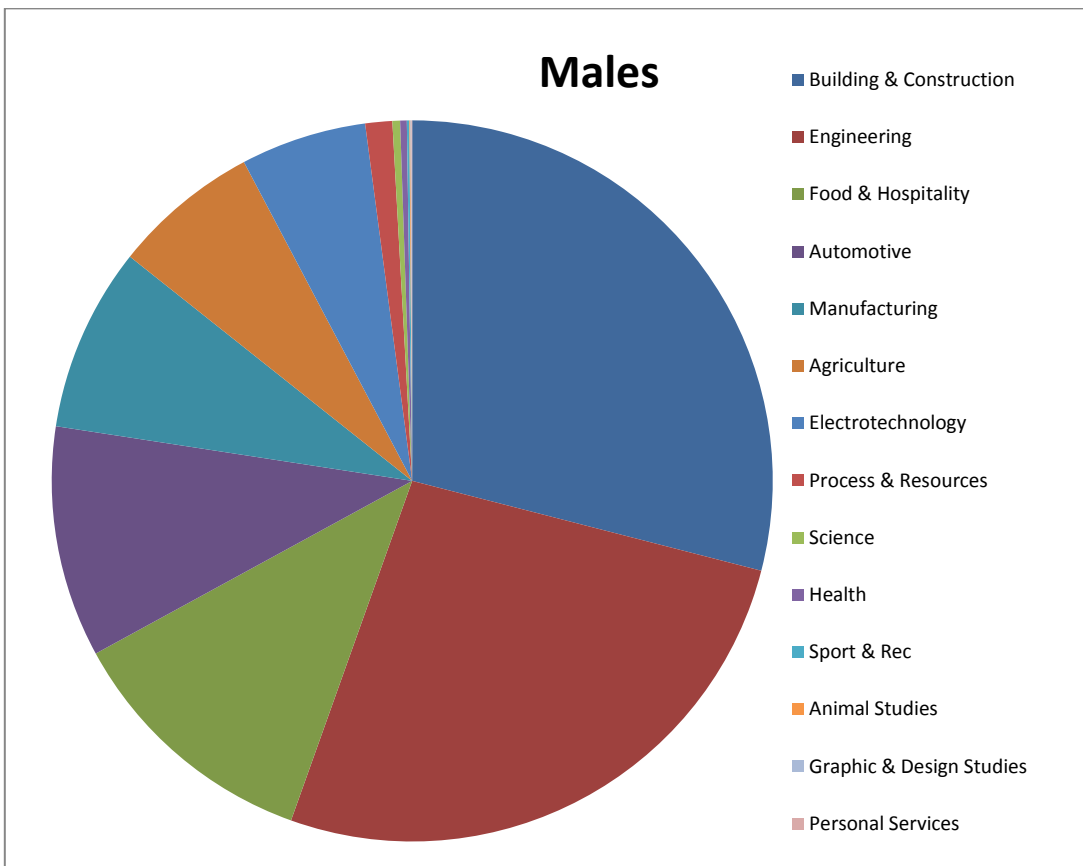


Figure 5: Male TTC/TSC Enrolments by Field of Study



## Outcomes

In this section, the term **Completions** denotes that the student achieved the full Certificate and the term **Statement of Achievement** denotes that the student completed one or more units of study (competency) within a Certificate.

The Program built or refurbished a total of 1919 indoor teaching spaces at the 599 sites which reported activity during 2014.

The total time spent teaching Approved Training Courses was 400,297 hours with the average time being approximately 13 hours a week, compared to 8.5 hours per week in 2012 and 2013.

1188 TTC/TSC students were enrolled in either Australian School Based Apprenticeships or Traineeships. This represents 4 per cent of total enrolments.

The level of achievement in the training courses is provided in Table 2. Due to the complexity and number of units of competencies involved, there are only a few Certificate III training courses that can be completed in the two year period of senior secondary study and it is not possible to complete a Certificate IV in the secondary school environment.

Table 2: Percentage of achievement in TTCs/TSC

Certificate Level	% Completed	% Statement of Attainment	% No Outcome
Certificate I	46%	34%	20%
Certificate II	37%	50%	13%
Certificate III	35%	60%	5%
Certificate IV	0%	100%	0%

## Completions

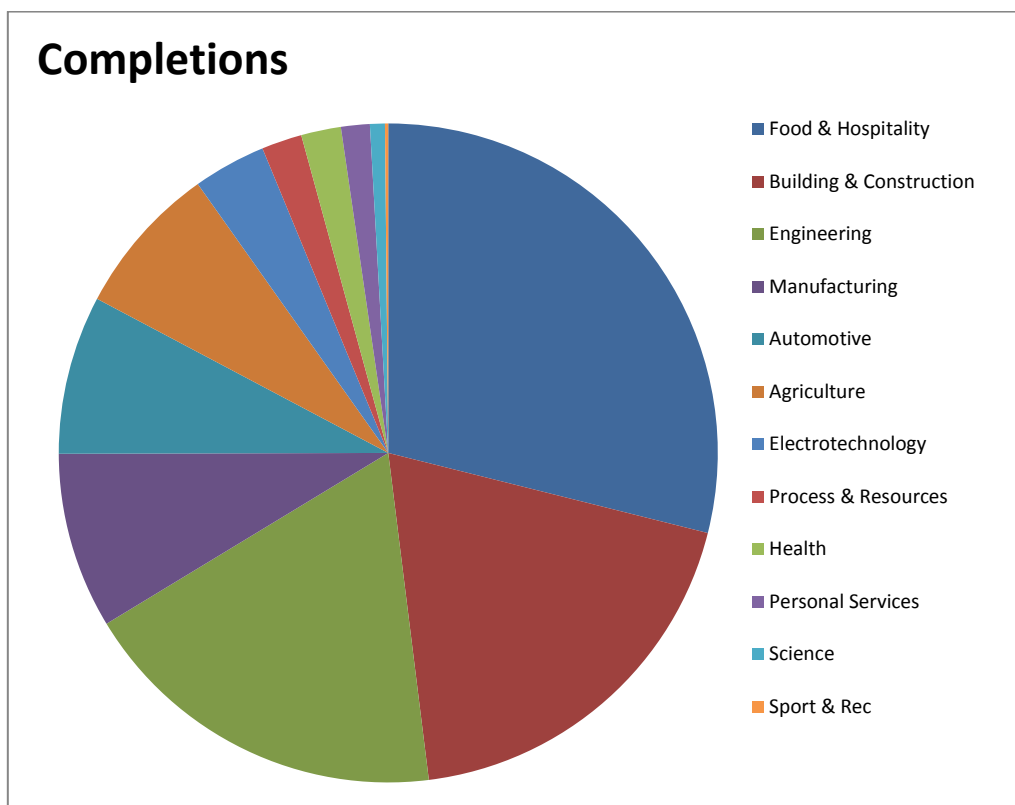
The number and level of approved courses completed (Completions) are provided in Table 3 and Figure 6. The Field of Study for Completions is provided at Figure 6.

Table 3 Completions in TTC/TSCs

Completions	2010	2011	2012	2013	2014
Certificate I	306	1625	2068	2996	4018
Certificate II	112	1933	3256	4726	7248
Certificate III	1	200	529	216	595
Pre-vocational	0	0	0	16	56
<b>Gender</b>					
Male	0	3466	4365	5964	8361
Female	0	1257	1488	1990	3556
<b>Indigenous Status</b>					
Indigenous	0	439	363	469	973
Non-Indigenous	0	4284	5490	7485	10944



Figure 6: Completions at TTC/TSCs by Field of Study



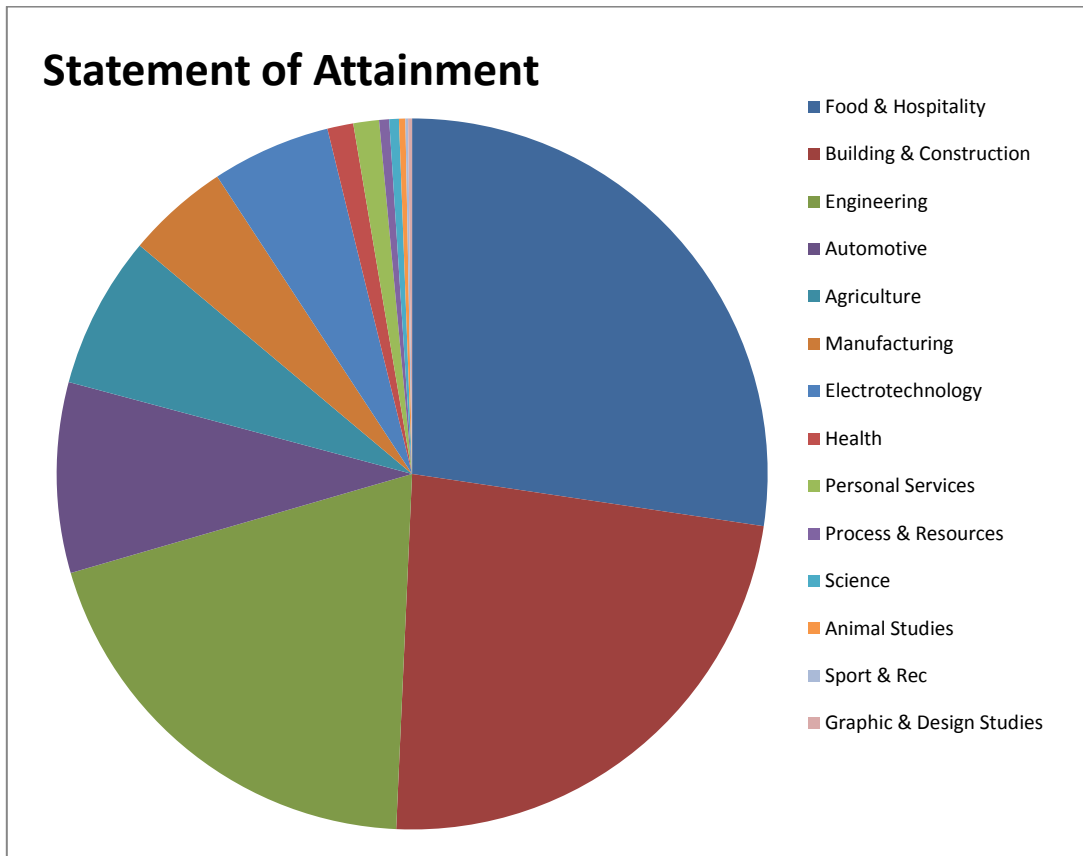
## Statements of Attainment

Table 4 indicates how many students achieved a Statement of Attainment within a certificate during 2014. Figure 7 depicts the Field of Study for Statements of Attainment.

Table 4: Number of TTC/TSC Students that received a Statement of Attainment by Certificate Level

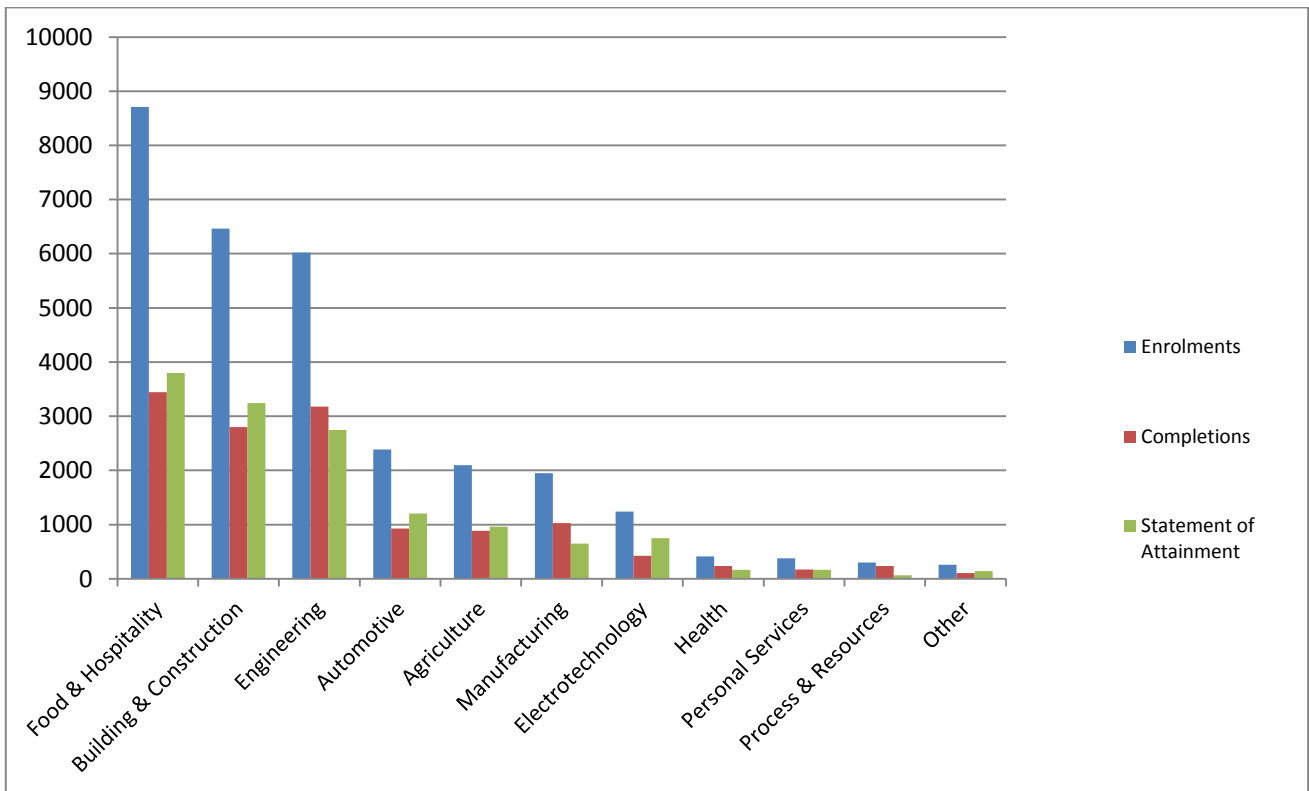
Statement of Attainment	2010	2011	2012	2013	2014
Certificate I	294	3711	5887	2370	2957
Certificate II	648	4808	14064	10027	9896
Certificate III	778	672	1456	709	1017
Certificate IV				0	14
<b>Gender</b>					
Male	1448	7043	15963	9445	10085
Female	272	2148	5444	3666	3799
<b>Indigenous Status</b>					
Indigenous	350	1047	1669	941	1283
Non-Indigenous	1370	8144	19738	12170	12601

Figure 7: TTC/TSC Students that achieved a Statement of Attainment by Field of Study



A comparison of the number of enrolments in a Field of Study with the number of Completions and the number of students who achieved a Statement of Attainment is indicated at Figure 8.

Figure 8: Number of TTC/TSC Enrolments/Completions and Statements of Attainment by Field of Study





## Regionality

One of the priorities for the Program was to support students in regional and rural locations. In 2014, the enrolments for TTCs/TSC by region (where the region is denoted by the site of the TTC/TSC) are represented in Table 5:

Table 5: Number of TTC/TSC Student Enrolments/Completions/Statement of Attainment in Approved Training Courses by Region

Region	Enrolments	Completions	% *	Statement of Attainment	% *
Major Capital Cities	12,875	4,803	37%	6,029	47%
Inner Regional	9,664	3,772	39%	4,506	47%
Outer Regional	6,352	2,800	44%	2,712	43%
Remote	828	402	49%	358	43%
Very Remote	494	140	28%	279	56%
National	30,213	11,917	39%	13,884	46%

\*Percentage of Enrolments

Figure 9: TTC/TSC Enrolments by Field of Study – Major Capital Cities

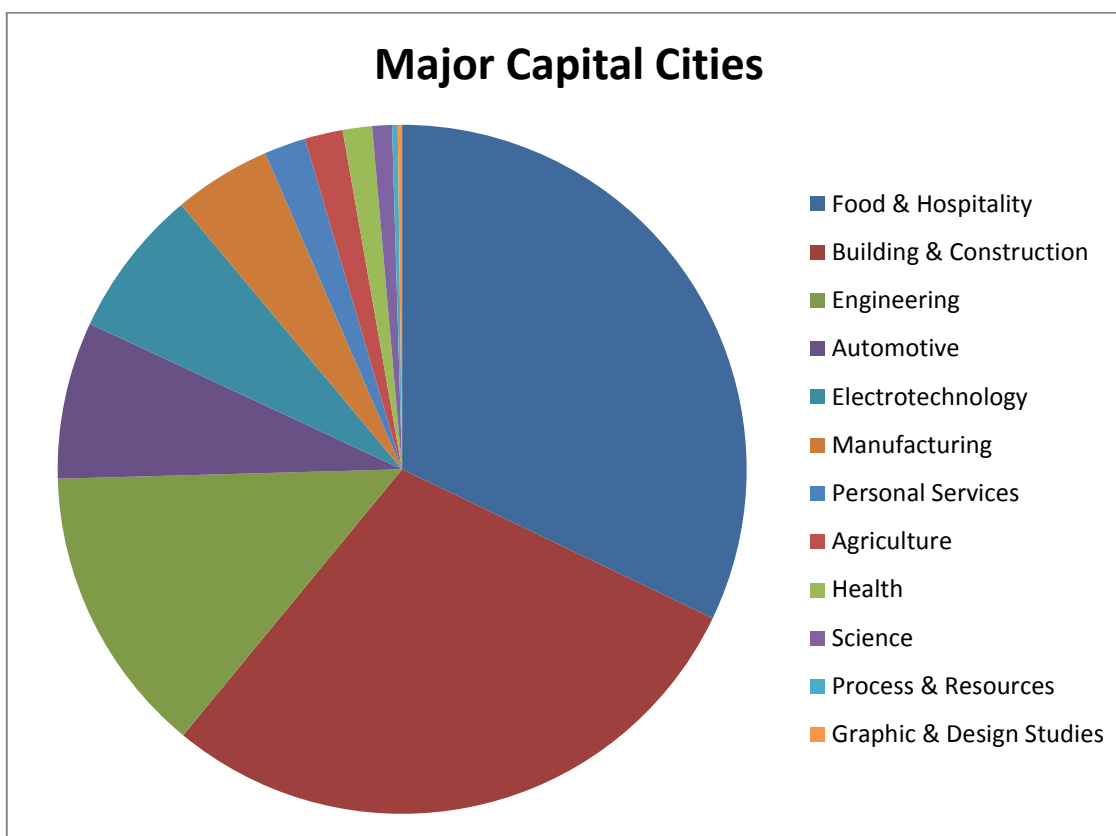
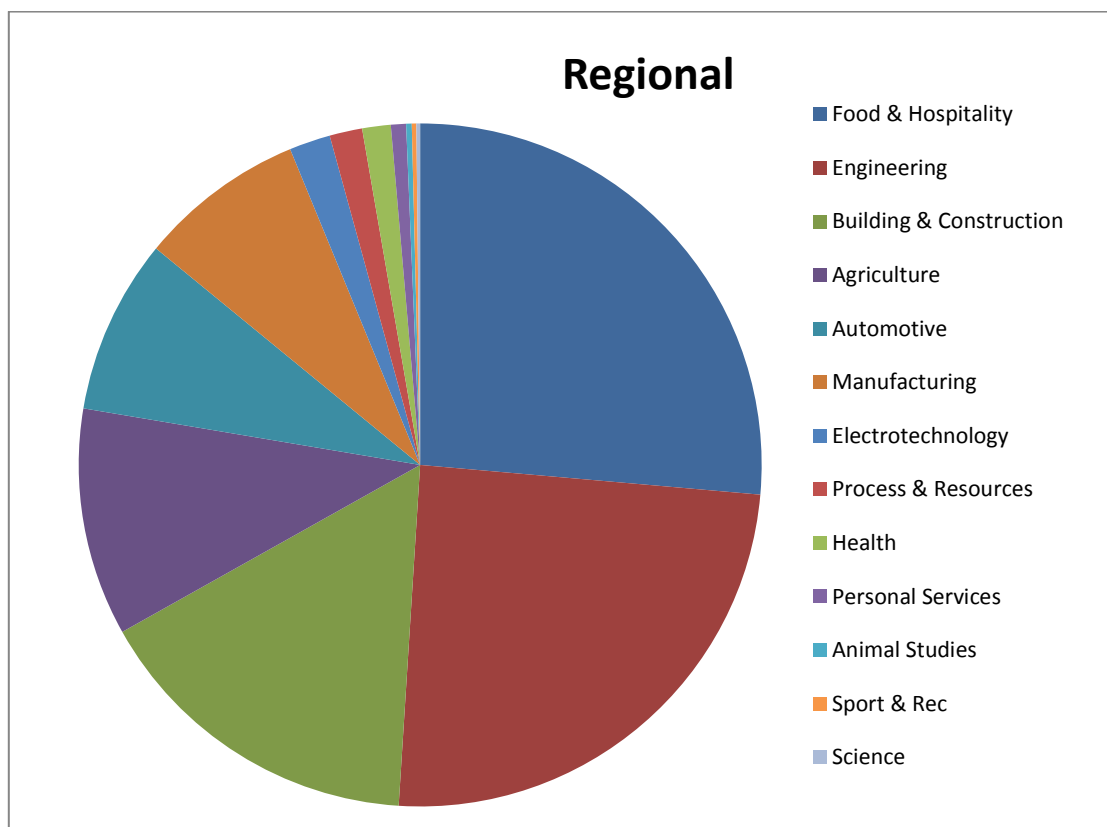


Figure 10: TTC/TSC Enrolments by Field of Study – Regional Australia



## Other Outcomes

Of the 341 TTCs/TSC reporting enrolments:

- 91 per cent reported that they are receiving feedback from families or the communities about the TTC/TSC
- 90 per cent reported that local industry and employers were engaged with and/or supported the TTC/TSC
- 3,521 students (12 per cent of total enrolments) that were enrolled in the TTC/TSCs in 2014 have gone into jobs in the industry or industries associated with their training.

In 2014, the TTCs/TSC were also used for training **other than** the Approved Training Courses:

- 291 reported utilisation by **students** for activity other than the delivery of Approved Training Courses.
- 218 reported utilisation by **staff** for activity other than the delivery of Approved Training Courses.
- 173 reported utilisation by **local community and /or industry** for activity other than the delivery of Approved Training Courses.

For more information visit: [www.education.gov.au/trade-training-centres-schools-program](http://www.education.gov.au/trade-training-centres-schools-program)