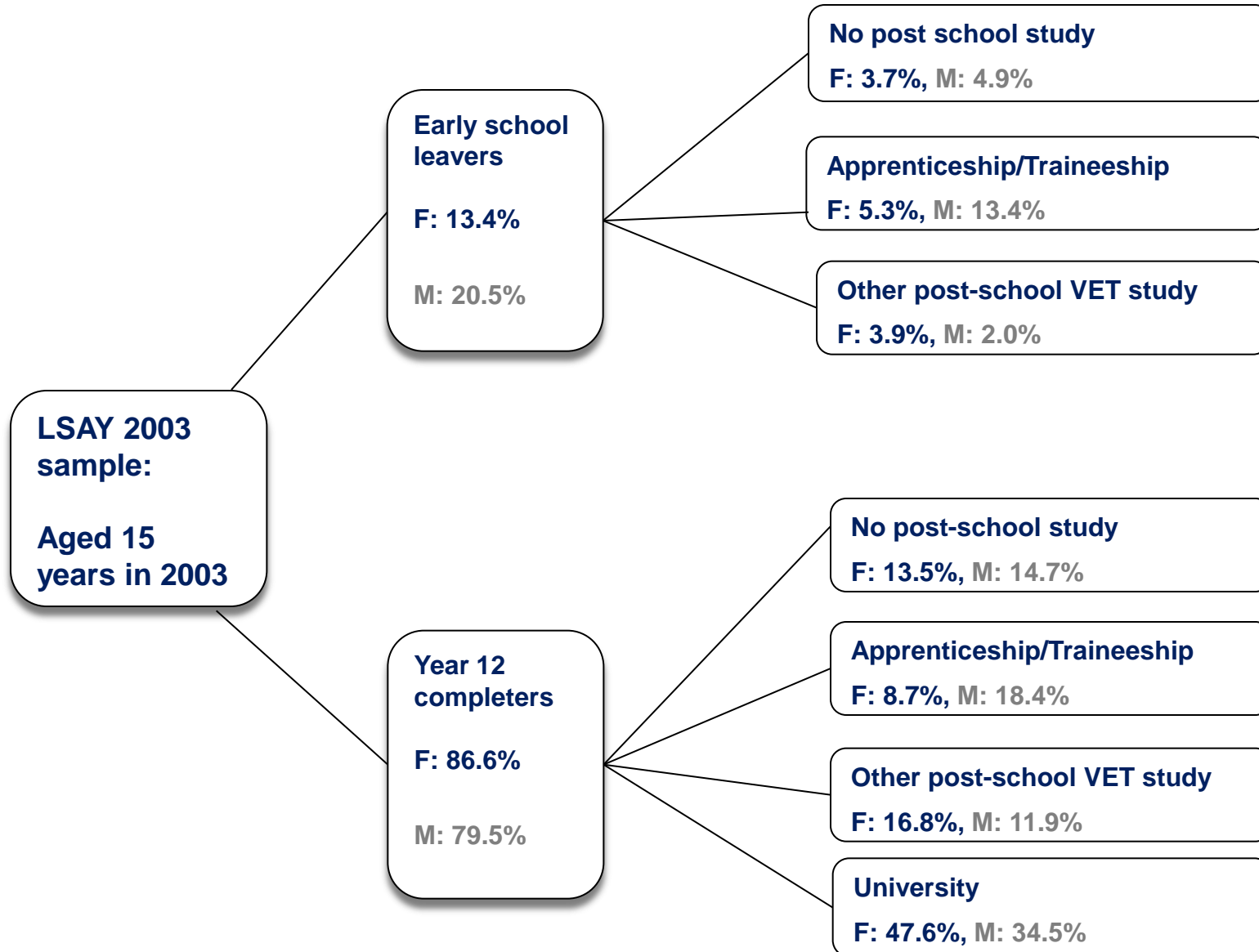


Women in vocational education and training:

participation and outcomes

Michelle Circelli



Participation in VET by gender 2005-2014 (%)

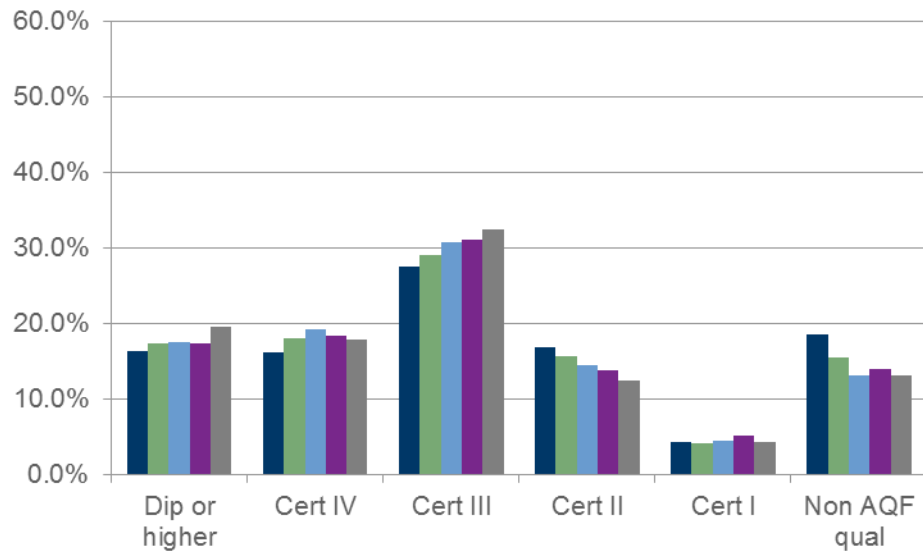
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
M	52.1	52.8	52.6	52.7	52.8	52.6	51.9	51.7	52.1	52.1
F	47.6	47.0	47.3	47.2	46.9	47.2	47.9	48.1	47.7	47.7

Source: 2005-2014 National VET Provider Collection, NCVET

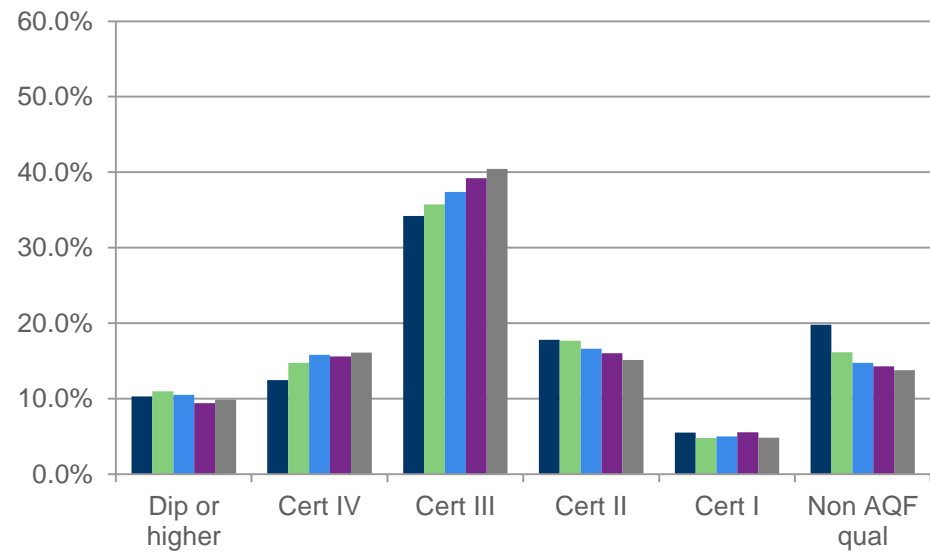


Participation by qualification, 2010 – 2014

Females



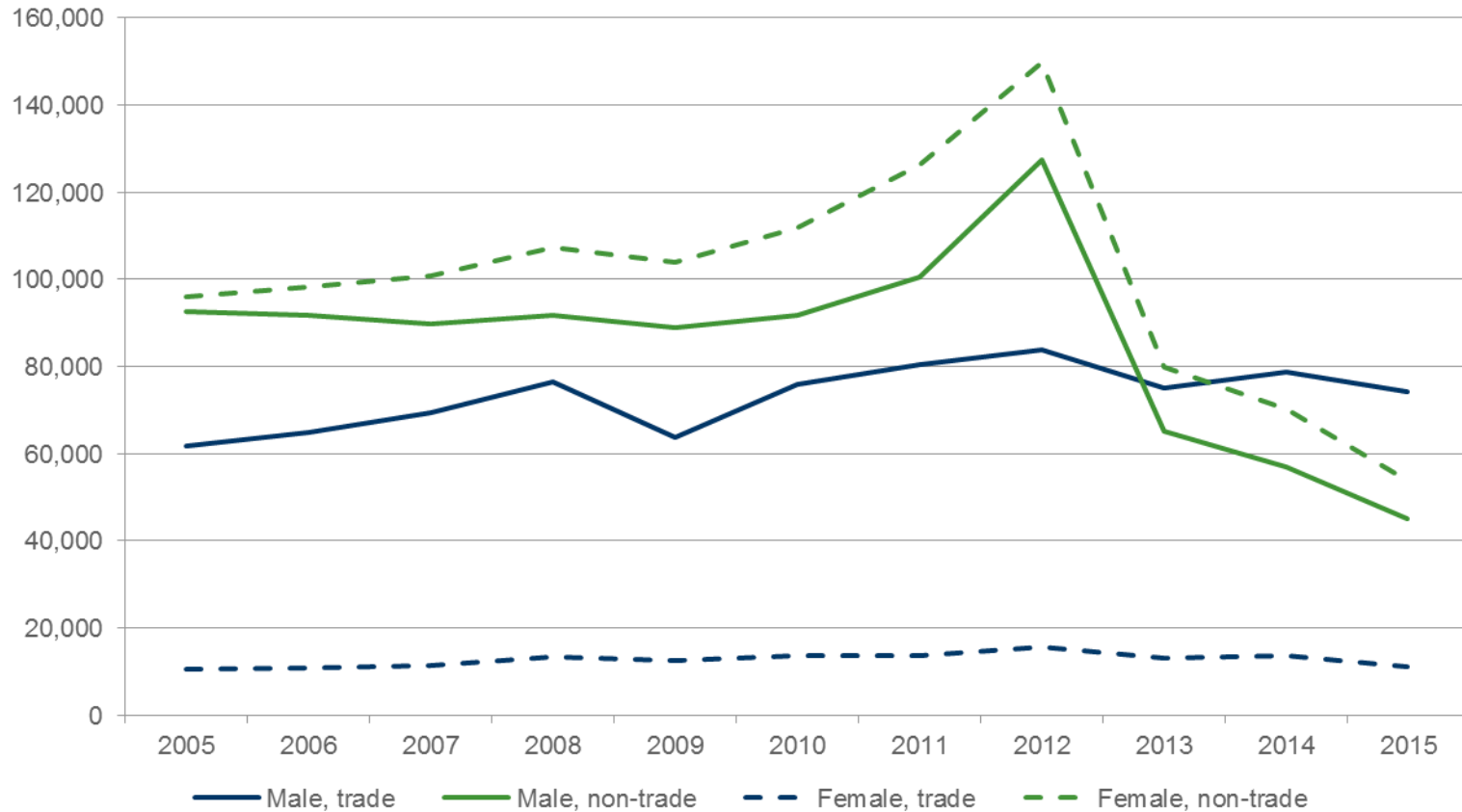
Males



Participation by field of education, 2014

	Male %	Female %
Field of education		
Natural and physical sciences	0.5	0.8
Information technology	3.1	1.1
Engineering and related technologies	28.6	2.9
Architecture and building	12.4	1.0
Agriculture, environmental and related studies	5.2	1.8
Health	3.2	7.5
Education	2.4	6.8
Management and commerce	13.7	23.9
Society and culture	6.8	21.3
Creative arts	1.9	2.6
Food, hospitality and personal services	6.5	11.4
Mixed field programmes	8.0	11.1
Subject only—no field of education	7.7	7.9

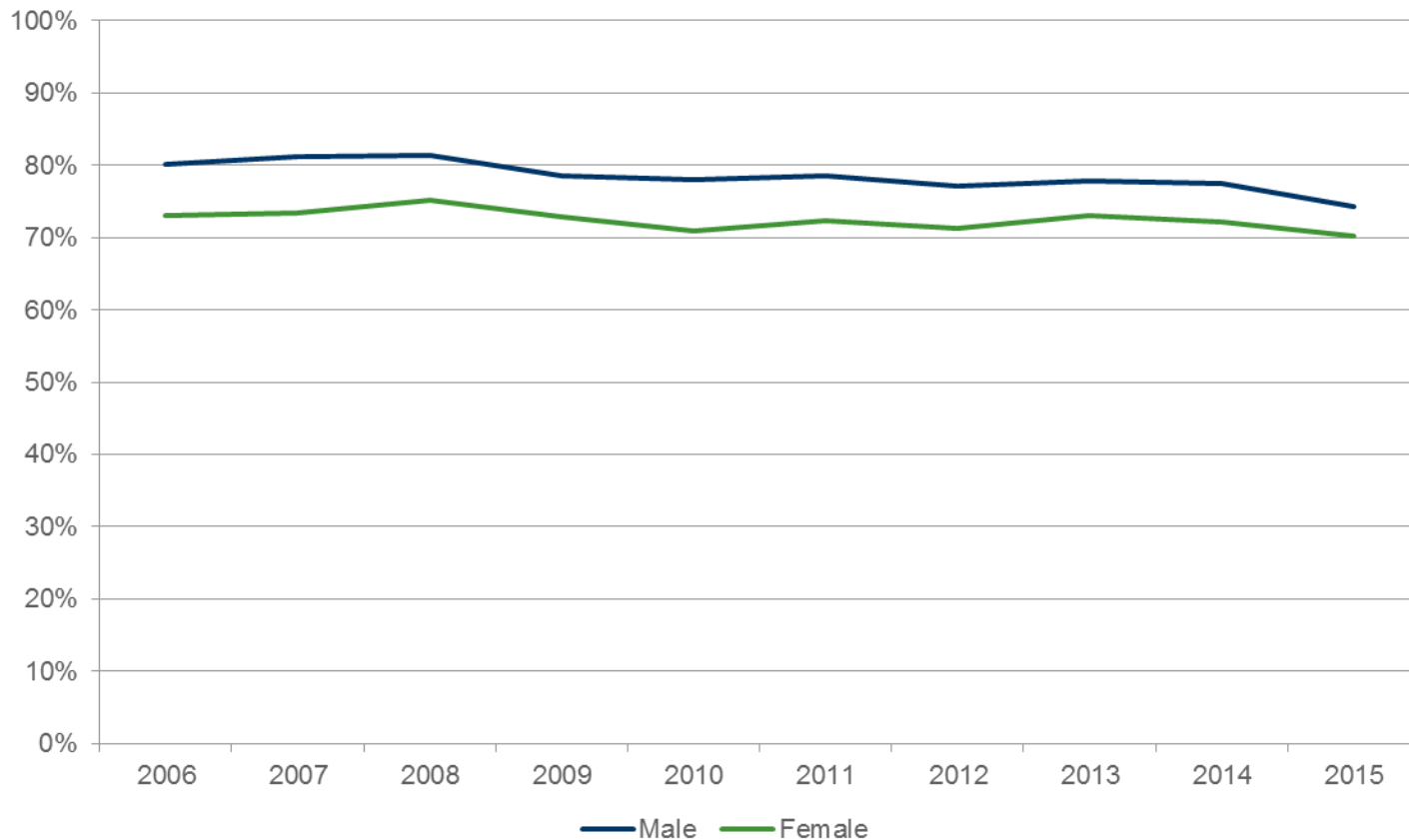
Number of apprentice and trainee commencements by sex, 2005-2015



NCVER, Apprentice & trainees, as at September 2015



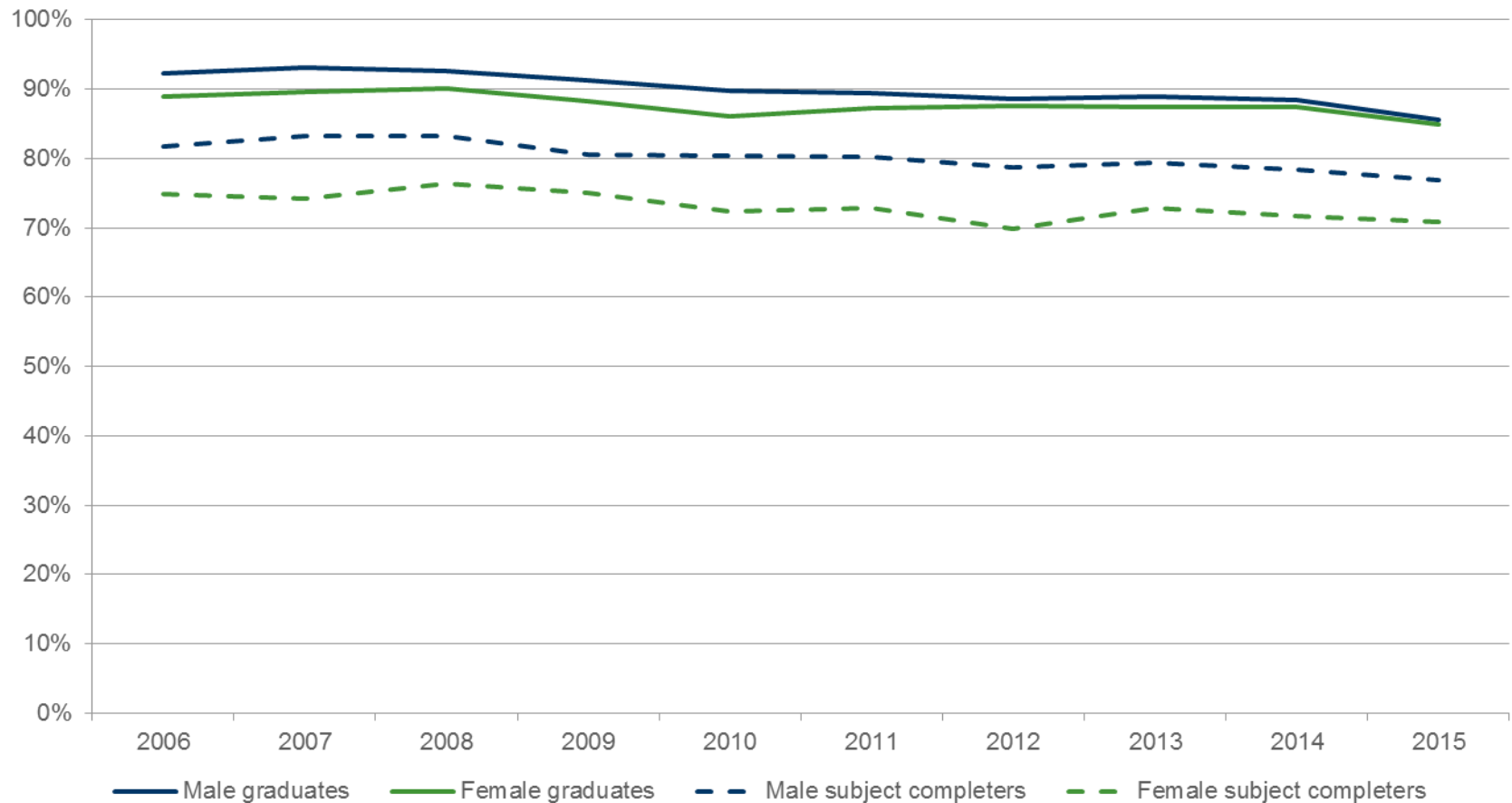
Percentage of students employed after training by sex, 2006-2015



Source: Student Outcomes Survey 2006-2015, NCVER



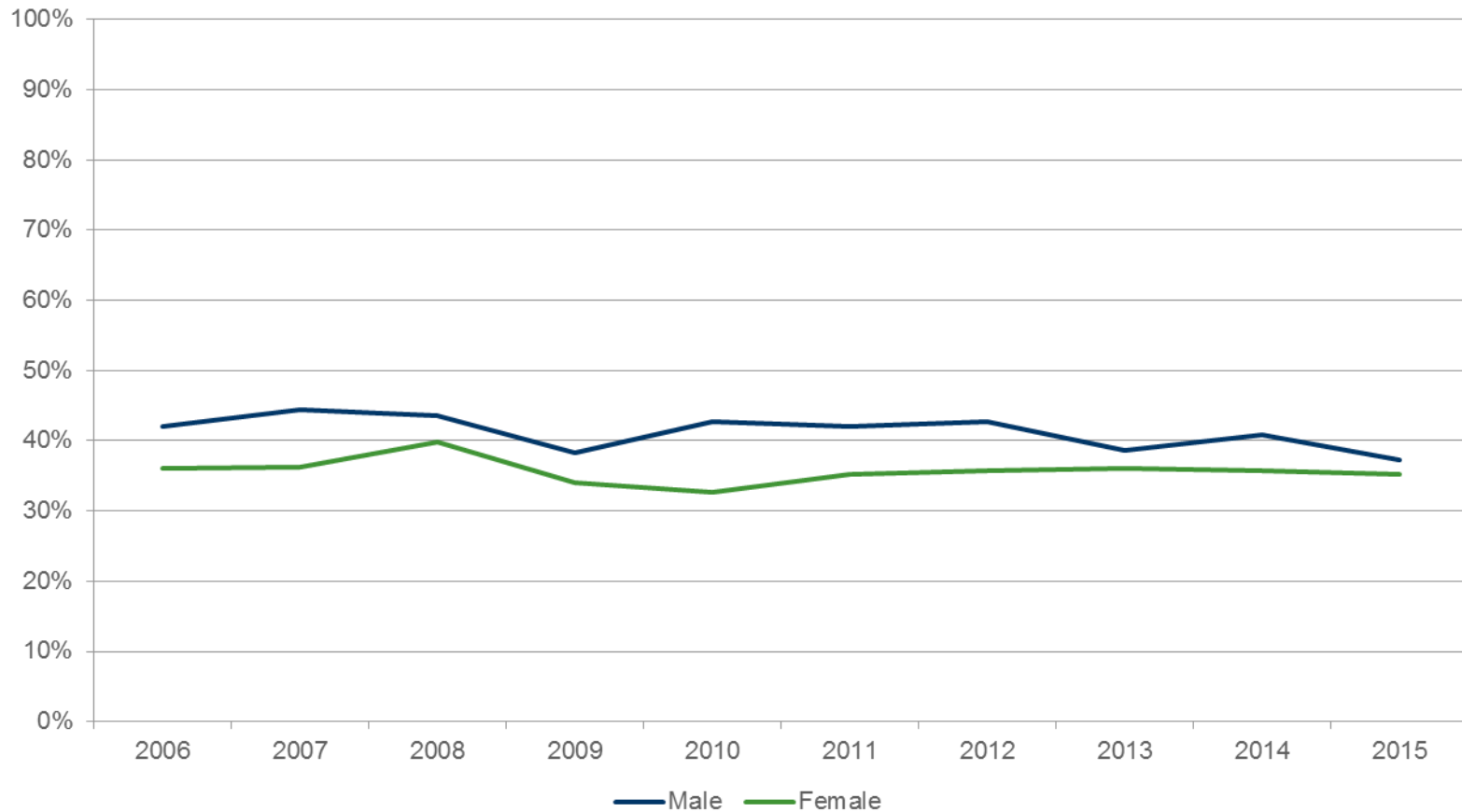
Percentage of students employed or in further study after training by sex and group, 2006-2015



Source: Student Outcomes Survey 2006-2015, NCVER



Percentage of students not employed before training that were employed after training by sex, 2006-2015



Source: Student Outcomes Survey 2006-2015, NCVER



Average annual income after training for government-funded graduates employed full-time, by sex, 2015 (\$)

	Average annual income ⁹	
	Employed full-time after training	Employed in first full-time job, started after training
Sex		
Males	60 000	48 500
Females	52 000	44 700
All	56 900	46 900

Source: 2015 Student Outcomes Survey, NCVER



Average annual income of VET graduates employed full-time by field of education for males and females, 2011

Field of Education	Average annual income (\$)		
	Male	Female	F/M ratio
01 Natural and Physical Sciences	61300	46800	76%
02 Information Technology	47800	52100	109%
03 Engineering And Related Technologies	58100	49300	85%
04 Architecture And Building	50900	48500	95%
05 Agriculture, Environmental And Related Studies	52900	48500	92%
06 Health	67800	50500	74%
07 Education	73400	66100	90%
08 Management And Commerce	59500	47800	80%
09 Society And Culture	54000	44500	82%
10 Creative Arts	43200	40600	94%
11 Food, Hospitality And Personal Services	44500	37300	84%
12 Mixed Field Programmes	47800	44700	94%

Source: 2011 Student Outcomes Survey, NCVER

Average annual income of VET graduates employed full time by industry for males and females, 2011

Industry	Average annual income (\$)		F/M ratio
	Male	Female	
Agriculture, Forestry and Fishing	51400	45600	89%
Mining	88000	67600	77%
Manufacturing	53800	43700	81%
Electricity, Gas, Water and Waste Services	67900	59000	87%
Construction	53400	50900	95%
Wholesale Trade	51200	44100	86%
Retail Trade	43800	37700	86%
Accommodation and Food Services	43100	38000	88%
Transport, Postal and Warehousing	62100	49400	80%
Information Media and Telecommunications	56000	46500	83%
Financial and Insurance Services	62000	50200	81%
Rental, Hiring and Real Estate Services	51200	41200	80%
Administrative and Support Services	60500	46100	76%
Professional, Scientific and Technical Services	48800	43000	88%
Public Administration and Safety	65600	60000	91%
Education and Training	66100	60400	91%
Health Care and Social Assistance	53900	46700	87%
Arts and Recreation Services	50900	47200	93%
Other Services	45900	33300	73%

Source: 2011 Student Outcomes Survey, NCVER

#4 (by 2030) Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all...

4.3: ensure equal access for all women and men to affordable and quality technical, vocational and tertiary education, including university

4.4: substantially increase the number of youth and adults who have relevant skills, including technical and vocational skills, for employment, decent jobs and entrepreneurship

4.5: eliminate gender disparities in education and ensure equal access to all levels of education and vocational training for the vulnerable, including persons with disabilities, indigenous peoples and children in vulnerable situations

4.6: ensure that all youth and a substantial proportion of adults, both men and women, achieve literacy and numeracy



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- Historical time series of apprenticeships and traineeships in Australia from 1963
- Historical time series of government-funded vocational education and training from 1981



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