

# The Kangaroo Island (DC) Region

Workforce Wizard Region Report

## Table of Contents

<b>Executive Summary</b>	<b>3</b>
<b>Population and Social Characteristics</b>	<b>4</b>
Current Population	4
Age Groups	4
Key Populations	5
Aboriginal Australians	6
Disability and Carers	7
Cultural Diversity	7
Families and Households	8
Projected Population	8
<b>Labour Force</b>	<b>9</b>
Employment and Unemployment	9
Key Populations	9
Occupations	10
Industry	11
Apprentices and Trainees	12
<b>Education and Training</b>	<b>13</b>
School Achievements and Qualifications	13
Vocational Education and Training (VET)	15
<b>Additional Information</b>	<b>17</b>
Selected Regions	17
Notes	18
Disclaimer	18

## Executive Summary

The population of the Kangaroo Island (DC) region in June 2015 was 4,611 people (0.3 per cent of South Australia's population). Between June 2012 and June 2015 the population of the Kangaroo Island (DC) region increased by 1.7 per cent (76 people). Over the same time period, the population of the South Australia region increased by 2.6 per cent, higher than the growth rate of the Kangaroo Island (DC) region.

Compared to the South Australia region, the Kangaroo Island (DC) region has lower shares of people aged 0 to 44 years and higher shares of people aged 45 and older. In addition, 51.3 per cent of the population in the Kangaroo Island (DC) region were male compared to 49.5 per cent in the South Australia region.

In the March quarter 2017 there were 99 unemployed people in the Kangaroo Island (DC) region, with an estimated unemployment rate of 3.8 per cent. In the South Australia region the unemployment rate was 6.7 per cent, representing 58,500 unemployed people.

Residents of the Kangaroo Island (DC) region have lower levels of school achievement compared to the South Australia region. In the Kangaroo Island (DC) region, 45.2 per cent of the population aged 15 to 64 years have completed year 12 (or equivalent), compared to 54.2 per cent in the South Australia region. There is a recognised connection between disadvantage in the work force and educational achievement; unemployment rates are often higher for those people with lower levels of qualifications, or without qualifications.

There were 582 people in the Kangaroo Island (DC) region attending vocational education and training (VET) in 2015 (0.5 per cent of VET students in the South Australia region), and 109,520 people in the South Australia region. Included in the student population were students with a disability (6.2 per cent in the Kangaroo Island (DC) region and 10.0 per cent in the South Australia region) and Indigenous students (1.4 per cent in the Kangaroo Island (DC) region and 3.7 per cent in the South Australia region).

## Population and Social Characteristics

### Current Population

The population of the Kangaroo Island (DC) region in June 2015 was 4,611 people (0.3 per cent of South Australia's population). Between June 2012 and June 2015 the population of the Kangaroo Island (DC) region increased by 1.7 per cent (76 people). Over the same time period, the population of the South Australia region increased by 2.6 per cent, higher than the growth rate of the Kangaroo Island (DC) region.

**Table 1.1 Estimated Resident Population**

Year	Kangaroo Island (DC)		South Australia	
	Population	Change from previous year	Population	Change from previous year
June 2013	4,551	0.4%	1,670,274	0.9%
June 2014	4,582	0.7%	1,685,550	0.9%
June 2015	4,611	0.6%	1,698,660	0.8%

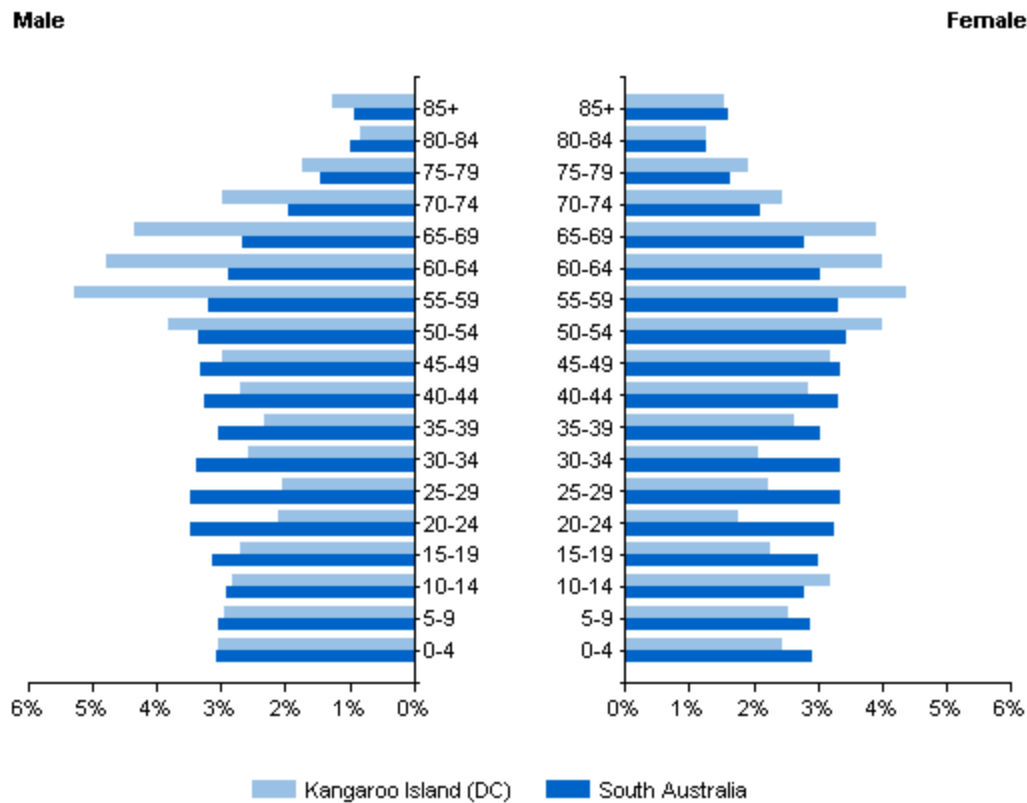
*Source: Australian Bureau of Statistics, Estimated Residential Population; Department of State Development*

### Age Groups

Compared to the South Australia region, the Kangaroo Island (DC) region has lower shares of people aged 0 to 44 years and higher shares of people aged 45 and older. In addition, 51.3 per cent of the population in the Kangaroo Island (DC) region were male compared to 49.5 per cent in the South Australia region.

## The Kangaroo Island (DC) Region

Figure 1.1 Age and Sex, June 2015



Source: Australian Bureau of Statistics, Estimated Resident Population

### Key Populations

As can be seen in the following table, compared to the South Australia region, the Kangaroo Island (DC) region has lower shares of young people, higher shares of mature people, lower shares of Aboriginal people, and lower shares of people with a reported disability (i.e. aged 15 to 64 years old and requiring assistance in core activities).

Table 1.2 Key Populations

Population*	Kangaroo Island (DC)	South Australia
	Share of Population (%)	Share of Population (%)
Youth (15-24)	8.8	12.9
Mature (45-64)	32.5	25.9
Aboriginal	1.1	1.9
Disability (15-64)	2.5	3.1

Source: Australian Bureau of Statistics, 2011 Census of Population and Housing; Department of State Development  
 \* Population in age groups are based on the latest available Estimated Resident Populations (ERP) data; Aboriginal and Disability populations are based on 2011 Population Census

## Aboriginal Australians

In 2011 there were 50 Aboriginal people counted in the Kangaroo Island (DC) region, representing 1.1 per cent of the region's population.

The age profile of Aboriginal people in the Kangaroo Island (DC) region was older than the South Australia region, with 50.0 per cent of Aboriginals being aged 25 years and older compared to 46.0 per cent in the South Australia region.

**Table 1.3 Aboriginal Population, 2011**

	Kangaroo Island (DC)		South Australia	
	Persons	Share (%)	Persons	Share (%)
0-14	17	34.0	10,549	34.7
15-24	8	16.0	5,896	19.4
25-44	11	22.0	7,927	26.0
45-64	14	28.0	4,801	15.8
65 & older	0	0.0	1,259	4.1
<b>Total</b>	<b>50</b>	<b>100.0</b>	<b>30,432</b>	<b>100.0</b>

*Source: Australian Bureau of Statistics, 2011 Census of Population and Housing; Department of State Development*

The Aboriginal population in the Kangaroo Island (DC) region increased by 20 people (or 66.7 per cent) between the 2006 and 2011 Censuses, while in the South Australia region the Aboriginal population increased by 4,878 people (or 19.1 per cent).

## Disability and Carers

There were 73 people in the Kangaroo Island (DC) region in 2011 who reported they had need for assistance with self-care, mobility or communication because of a disability or long-term health condition. This represents 2.5 per cent of the total population in this region, lower than the South Australia region, where 3.1 per cent had reported disabilities (representing 32,587 people).

**Table 1.4 Disability Status (Aged 15-64), 2011**

	Kangaroo Island (DC)		South Australia	
	Population	%	Population	%
Needs assistance with core activities	73	2.5	32,587	3.1
Doesn't need assistance with core activities	2,672	93.0	973,336	92.5
<b>Total (including not stated)</b>	<b>2,872</b>	<b>100.0</b>	<b>1,052,090</b>	<b>100.0</b>
Providing care	346	12.0	127,112	12.1

*Source: Australian Bureau of Statistics, 2011 Census of Population and Housing; Department of State Development*

There were a further 346 people in the Kangaroo Island (DC) region within the same region (12.0 per cent of the total) who were providing assistance to someone with a disability. The South Australia region had 12.1 per cent of its population (127,112 people) providing care to people with a disability.

## Cultural Diversity

Australian-born people comprise 81.3 per cent of the population in the Kangaroo Island (DC) region, higher than the equivalent group in the South Australia region, where 73.3 per cent of the population is Australian-born.

In 2011, there were 93 residents in the Kangaroo Island (DC) region who had arrived in Australia in the previous five years (2.1 per cent of the total population). Of those new arrivals, the largest group were from New Zealand, with England being the second most common birthplace. The largest groups of recent arrivals in the South Australia region were from India followed by England.

**Table 1.5 Recent Arrivals, 2006 to 2011**

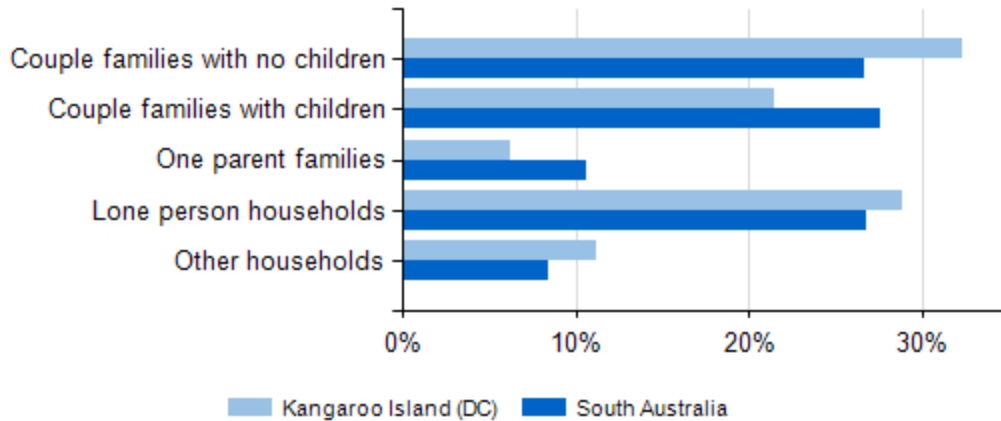
Birthplace	Kangaroo Island (DC)		Birthplace	South Australia	
	No. of People	% of new arrivals		No. of People	% of new arrivals
New Zealand	31	33.3	India	13,249	17.0
England	15	16.1	England	10,266	13.2
Philippines	13	14.0	China (excludes SARs and Taiwan)	9,886	12.7
Scotland	7	7.5	Philippines	3,635	4.7
United States of America	5	5.4	Malaysia	2,849	3.7
<b>Total (Including all Other Countries)</b>	<b>93</b>	<b>100.0</b>	<b>Total (Including all Other Countries)</b>	<b>77,988</b>	<b>100.0</b>

*Source: Australian Bureau of Statistics, 2011 Census of Population and Housing; Department of State Development*

## Families and Households

At the time of the 2011 Census, compared to the South Australia region, the Kangaroo Island (DC) region had higher shares of couple families with no children and lone person households and lower shares of couple families with children and one parent families.

Figure 1.2 Household Types, 2011



Source: Australian Bureau of Statistics, 2011 Census of Population and Housing; Department of State Development

## Projected Population

The population in the Kangaroo Island (DC) region is forecast to grow by 529 people (11.7 per cent) from 2011 to 2026. By comparison, the South Australia region is projected to grow by 227,101 people (13.9 per cent) over the same period.

Table 1.6 Population Projection

Year	Kangaroo Island (DC)			South Australia		
	Population	Number	%	Population	Number	%
2011	4,522	-	-	1,639,614	-	-
2016	4,682	160	3.5	1,715,299	75,685	4.6
2021	4,856	174	3.7	1,791,767	76,468	4.5
2026	5,051	195	4.0	1,866,715	74,948	4.2

Source: Department of Planning, Transport and Infrastructure; Department of State Development

One of the major issues for the future is the possibility of labour shortages due to an ageing population. Population projections based on the core working age population (15 to 64 years) show the working age population in the Kangaroo Island (DC) region will decline by 306 people (10.3 per cent) between 2011 and 2026. Over the same period, the working age population of the South Australia region is forecast to grow by 66,437 people (6.1 per cent).

Table 1.7 Population Projection - 15-64 years

Year	Kangaroo Island (DC)			South Australia		
	Population	Number	%	Population	Number	%
2011	2,965	-	-	1,087,362	-	-
2016	2,770	-195	-6.6	1,107,895	20,533	1.9
2021	2,695	-75	-2.7	1,129,698	21,803	2.0
2026	2,659	-36	-1.3	1,153,799	24,101	2.1

Source: Department of Planning, Transport and Infrastructure; Department of State Development

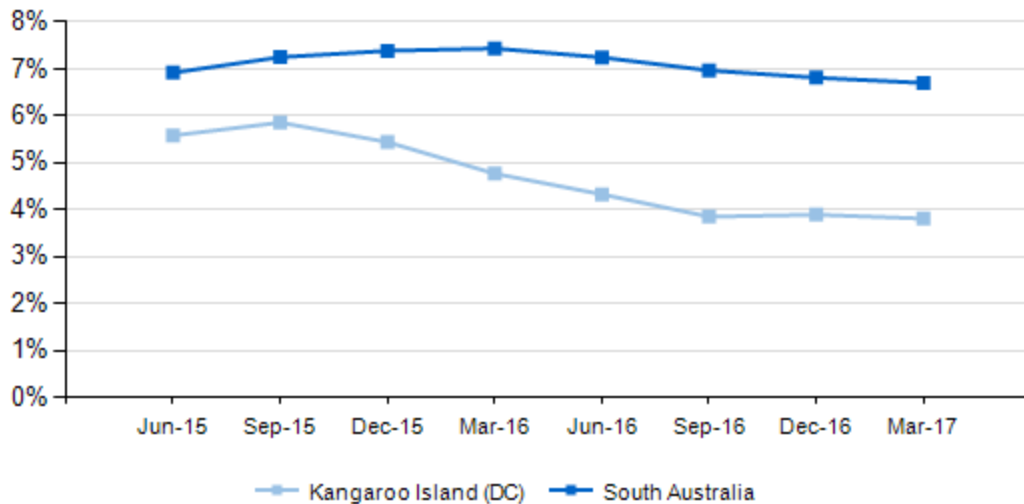


## Labour Force

### Employment and Unemployment

In the March quarter 2017 there were 99 unemployed people in the Kangaroo Island (DC) region, with an estimated unemployment rate of 3.8 per cent. In the South Australia region the unemployment rate was 6.7 per cent, representing 58,500 unemployed people.

Figure 2.1 Unemployment Rate Estimates



Source: Department of Employment; Small Area Labour Market Series; Department of State Development

There were 2,501 people employed in the Kangaroo Island (DC) region in March 2017, a 4.3 per cent increase from the previous year. Over the same period, the South Australia region experienced an increase in employment of 1.1 per cent (9,200 people).

**Note:** The Department of Employment does not provide total employment figures in their Small Area Labour Markets publication. As an indication of employment at the regional level, DSD calculates total employment by subtracting the total number of unemployed people from the total number of people in the labour force. The Department of Employment advises against this calculation for methodological reasons.

### Key Populations

Table 2.1 shows unemployment rates and labour force participation rates for various key populations in the Kangaroo Island (DC) region and the South Australia region. In general, the Kangaroo Island (DC) region experiences similar unemployment rates and higher participation rates compared to the South Australia region

Table 2.1 Unemployment and Labour Force Participation Rates, 2011

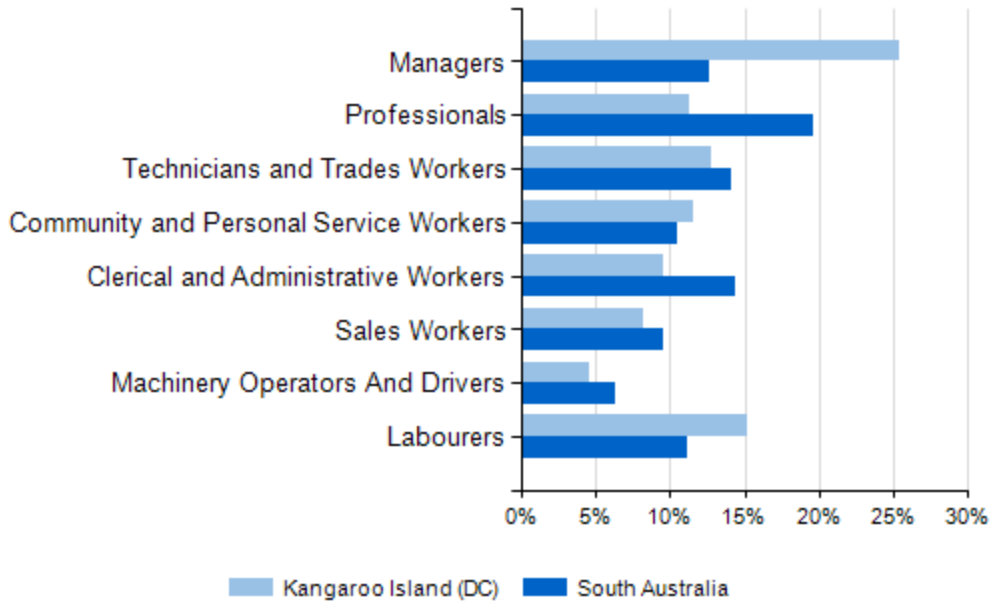
	Unemployment Rates		Participation Rates	
	Kangaroo Island (DC)	South Australia	Kangaroo Island (DC)	South Australia
	%	%	%	%
Males	5.7	6.0	70.0	68.3
Females	2.5	5.5	63.3	57.4
Youth (15-24) Full-Time	8.4	13.7	31.2	28.6
Mature (45-64)	4.9	3.6	72.7	70.3
Aboriginal	20.0	18.0	60.6	46.6
People With Disabilities (15-64)	25.0	13.5	27.4	19.5
<b>Total</b>	<b>4.5</b>	<b>5.7</b>	<b>66.7</b>	<b>62.7</b>

Source: Australian Bureau of Statistics, 2011 Census of Population and Housing; Department of State Development

## Occupations

As counted at the 2011 Population Census, the Kangaroo Island (DC) region had large proportions of residents employed as Managers and Labourers while the largest occupation groups in the South Australia region were Professionals and Clerical & Administrative Workers.

Figure 2.2 Employment by Occupation, 2011



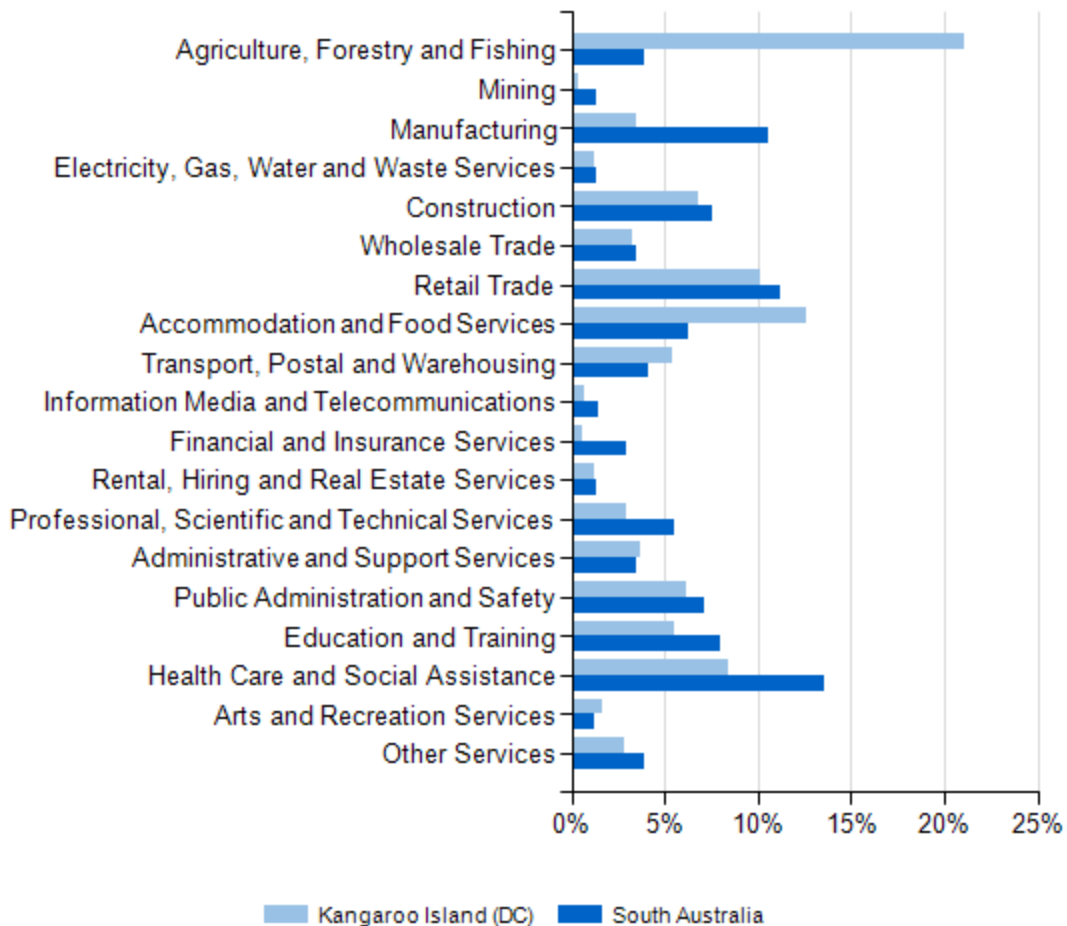
Source: Australian Bureau of Statistics, 2011 Census of Population and Housing; Department of State Development

Between 2006 and 2011, the largest increase in employment in the Kangaroo Island (DC) region occurred in people working as Technicians & Trades Workers, while the largest decrease occurred in Managers. Over the same time period, the largest increase in employment in the South Australia region occurred in people working as Professionals, while the largest decrease occurred in Labourers.

## Industry

As counted at the 2011 Population Census, the Kangaroo Island (DC) region had large proportions of residents employed in Agriculture and Forestry & Fishing and Accommodation & Food Services while the largest industry groups in the South Australia region were Health Care & Social Assistance and Retail Trade.

Figure 2.3 Employment by Industry, 2011



Source: Australian Bureau of Statistics, 2011 Census of Population and Housing; Department of State Development

Between 2006 and 2011, the largest increase in employment in the Kangaroo Island (DC) region occurred in people working in Wholesale Trade, while the largest decrease occurred in Agriculture and Forestry & Fishing. Over the same time period, the largest increase in employment in the South Australia region occurred in people working in Health Care & Social Assistance, while the largest decrease occurred in Manufacturing.

Overall employment in the Kangaroo Island (DC) region increased by 3.5 per cent (75 jobs) between 2006 and 2011, while employment in the South Australia region increased by 7.2 per cent (49,458 jobs).

## Apprentices and Trainees

The Kangaroo Island (DC) region saw a decrease in the number of apprentices and trainees starting a contract of training in 2015. There were 19 apprentices and trainees in the region starting a contract of training in 2015 (0.2 per cent of all commencements in the South Australia region), a decrease of -26.9 per cent (-7 people) from the previous year. By comparison, the South Australia region recorded a decrease of -11.4 per cent (-1,311 people) over the same period.

**Table 2.2 Commencing Apprentices and Trainees by Industry, 2015**

	Kangaroo Island (DC)		South Australia	
	Persons	Share (%)	Persons	Share (%)
Agriculture, Forestry & Fishing	0	0.0	171	1.7
Mining	0	0.0	132	1.3
Manufacturing	1	5.3	1,218	11.9
Electricity, Gas, Water & Waste Services	1	5.3	61	0.6
Construction	1	5.3	1,302	12.8
Wholesale Trade	1	5.3	137	1.3
Retail Trade	3	15.8	2,055	20.2
Accommodation	7	36.8	1,285	12.6
Transport, Postal & Warehousing	0	0.0	166	1.6
Information Media & Telecommunication	0	0.0	67	0.7
Financial & Insurance Services	0	0.0	195	1.9
Rental, Hiring & Real Estate Services	0	0.0	87	0.9
Professional, Scientific & Technical Services	0	0.0	114	1.1
Administrative & Support Services	2	10.5	1,532	15.0
Public Administration & Safety	1	5.3	259	2.5
Education & Training	0	0.0	344	3.4
Health Care & Social Assistance	0	0.0	262	2.6
Arts & Recreation Services	0	0.0	136	1.3
Other Services	2	10.5	671	6.6
<b>Total</b>	<b>19</b>	<b>100.0</b>	<b>10,194</b>	<b>100.0</b>

*Source: NCVET, Apprentice and Trainee Collection (Unpublished data); Department of State Development*

Accommodation was the largest employer of new apprentices and trainees in the Kangaroo Island (DC) region in 2015, accounting for 36.8 per cent of all new apprentices and trainees in the region. The largest employing sector in the South Australia region was Retail Trade (with 20.2 per cent).

People beginning an apprenticeship or traineeship in both the Kangaroo Island (DC) region and the South Australia region were more likely to be aged between 15 and 24 years, with 84.2 per cent and 72.6 per cent of all new apprentices and trainees being aged between 15 and 24 years in the respective regions.

## Education and Training

### School Achievements and Qualifications

Residents of the Kangaroo Island (DC) region have lower levels of school achievement compared to the South Australia region. In the Kangaroo Island (DC) region, 45.2 per cent of the population aged 15 to 64 years have completed year 12 (or equivalent), compared to 54.2 per cent in the South Australia region.

**Table 3.1 Highest Year of School Completed\*, 2011**

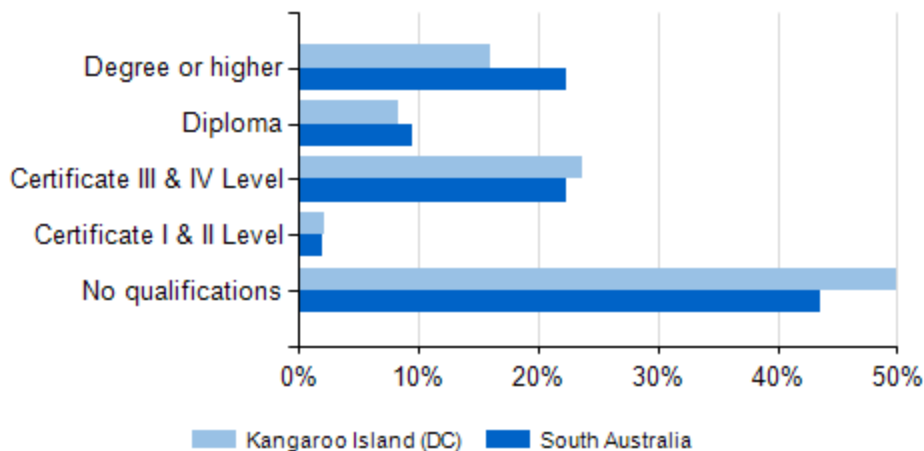
Level of Schooling	Kangaroo Island (DC)		South Australia	
	No.	%	No.	%
Year 12	1,149	45.2	498,415	54.2
Year 11	623	24.5	197,372	21.4
Year 10 or below	768	30.2	219,063	23.8
Did not go to school	3	0.1	5,335	0.6
<b>Total Population</b>	<b>2,543</b>	<b>100.0</b>	<b>920,185</b>	<b>100.0</b>

Source: Australian Bureau of Statistics, 2011 Census of Population and Housing; Department of State Development

\* For those people aged 15 to 64 years who have left school

As can be seen in figure 3.1, the share of the Kangaroo Island (DC) region labour force with Certificate III or higher qualifications was lower than that of the South Australia region, with 47.9 per cent in the Kangaroo Island (DC) region compared to 54.4 per cent.

**Figure 3.1 Highest Non-School Qualification, 2011**



Source: Australian Bureau of Statistics, 2011 Census of Population and Housing; Department of State Development

The most common qualification in the Kangaroo Island (DC) region was Certificate III & IV qualification (with 23.6 per cent), while in the South Australia region it was Degree or higher qualification (with 22.4 per cent). The Kangaroo Island (DC) region had higher proportions of people without qualifications than in the South Australia region; 50.0 per cent of the labour force in the Kangaroo Island (DC) region had no post-school qualifications, compared to 43.6 per cent in the South Australia region.

There is a recognised connection between disadvantage in the work force and educational achievement; unemployment rates are often higher for those people with lower levels of qualifications, or without qualifications.

The labour force participation rate for those people in the Kangaroo Island (DC) region without Certificate III or higher qualifications was 61.4 per cent compared to 76.9 per cent for people with Certificate III or higher qualifications. In the South Australia region people without Certificate III or higher qualifications had a labour force participation rate of 53.3 per cent compared to 77.6 per cent

## The Kangaroo Island (DC) Region

for people with.

**Table 3.2 Labour Force Status of People Without Qualifications, 2011**

<b>Labour Force Status</b>	<b>Kangaroo Island (DC)</b>	<b>South Australia</b>
	<b>Persons</b>	<b>Persons</b>
Employed	1,088	316,397
Unemployed	64	27,402
Labour Force	1,152	343,799
Total	1,876	645,050
<b>Unemployment Rate</b>	<b>5.6%</b>	<b>8.0%</b>
<b>Participation Rate</b>	<b>61.4%</b>	<b>53.3%</b>

*Source: Australian Bureau of Statistics, 2011 Census of Population and Housing;  
Department of State Development*

The unemployment rate for people without Certificate III or higher qualifications in the Kangaroo Island (DC) region was 5.6 per cent compared to 3.2 per cent of people with compared to the South Australia region with an unemployment rate of 8.0 per cent for people without and 3.8 per cent for people with Certificate III or higher qualifications.

## Vocational Education and Training (VET)

There were 582 people in the Kangaroo Island (DC) region attending vocational education and training (VET) in 2015 (0.5 per cent of VET students in the South Australia region), and 109,520 people in the South Australia region. Included in the student population were students with a disability (6.2 per cent in the Kangaroo Island (DC) region and 10.0 per cent in the South Australia region) and Indigenous students (1.4 per cent in the Kangaroo Island (DC) region and 3.7 per cent in the South Australia region).

**Table 3.3 VET Students, Key Populations, 2015**

Level of Schooling	Kangaroo Island (DC)		South Australia	
	No.	%	No.	%
Indigenous	8	1.4	4,039	3.7
Disability	36	6.2	10,916	10.0
Youth (15-24 years)	155	26.6	37,889	34.6
Mature (45 years or older)	223	38.3	25,685	23.5
<b>Total Students</b>	<b>582</b>	<b>100.0</b>	<b>109,520</b>	<b>100.0</b>

Source: NCVET, National VET Provider Collection (Unpublished data); Department of State Development

As can be seen in the following table, 67.5 per cent of all VET students in the Kangaroo Island (DC) region have left school and are employed, compared to 56.0 per cent of VET students in the South Australia region. The Kangaroo Island (DC) region has higher proportions of VET students who are still at school (8.9 per cent) compared to the South Australia region (5.0 per cent).

**Table 3.4 VET Students, School and Employment Status, 2015**

	Kangaroo Island (DC)		South Australia	
	No.	%	No.	%
<b>Still at school</b>	<b>52</b>	<b>8.9</b>	<b>5,481</b>	<b>5.0</b>
<b>Left School</b>				
Employed part-time	182	36.5	22,794	22.9
Employed Total	393	78.9	61,331	61.5
Unemployed	49	9.8	24,676	24.7
Not in labour force	28	5.6	9,165	9.2
<b>Total Left School</b>	<b>498</b>	<b>100.0</b>	<b>99,749</b>	<b>100.0</b>
<b>Total Students (incl. school and employment not known)</b>	<b>582</b>	<b>100.0</b>	<b>109,520</b>	<b>100.0</b>

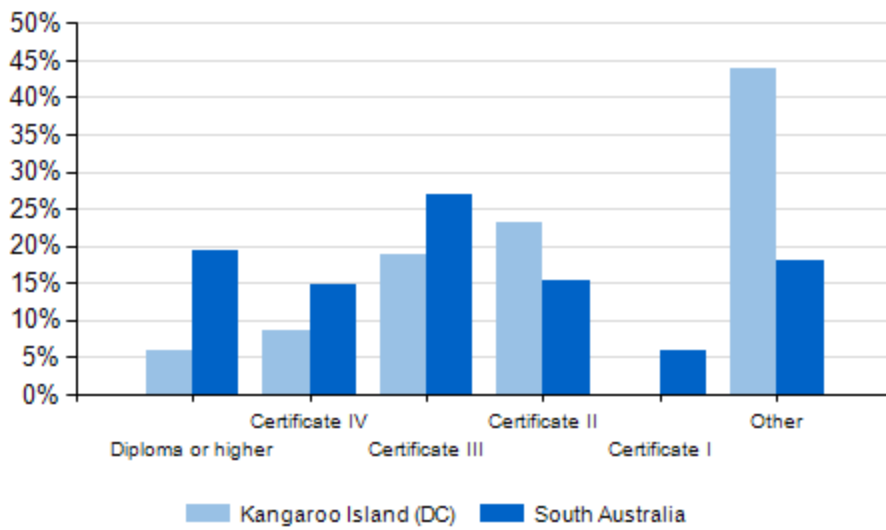
Source: NCVET, National VET Provider Collection (Unpublished data); Department of State Development

The unemployment rate of the VET students in the Kangaroo Island (DC) region who had left school was 11.1 per cent, lower the South Australia region figure of 28.7 per cent. Of employed VET students in the Kangaroo Island (DC) region, 46.3 per cent were employed part-time, while in the South Australia region 37.2 per cent of employed VET students were working part-time.

The most common level of study for VET students in the Kangaroo Island (DC) region was at the Certificate II level (23.0 per cent of VET students), while in the South Australia region was at the Certificate III level (26.8 per cent of VET students).

## The Kangaroo Island (DC) Region

**Figure 3.2 VET Students by Level of Study, 2015**

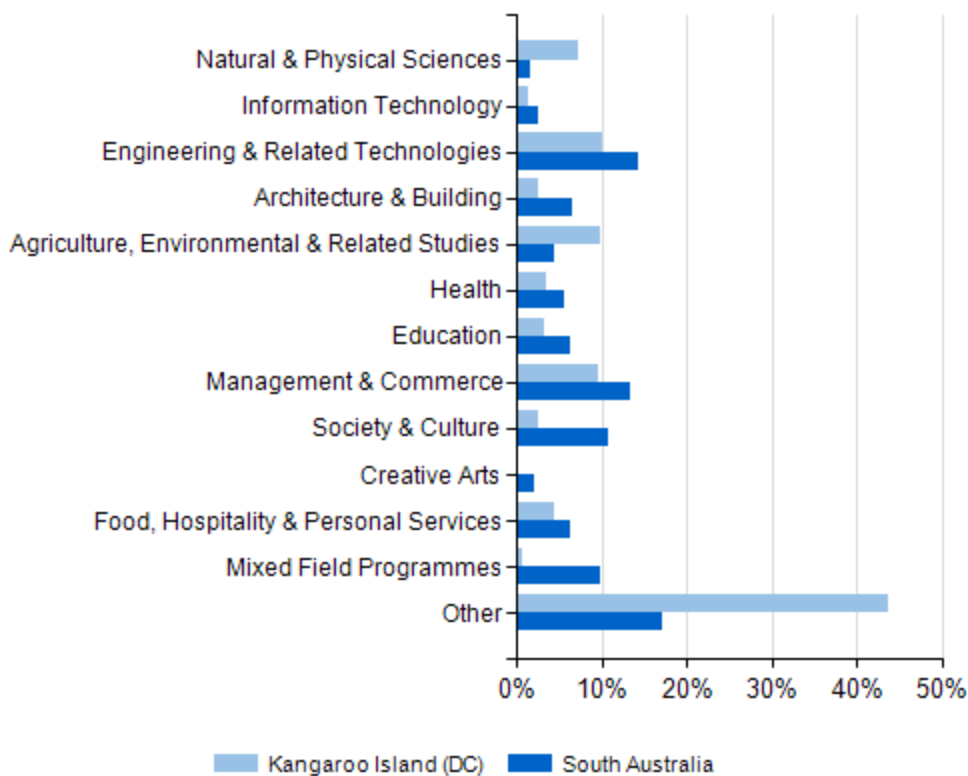


Source: NCVER, National VET Provider Collection (Unpublished data); Department of State Development

Compared to the South Australia region, the Kangaroo Island (DC) region has higher shares of VET students at Certificate II levels and lower shares of VET students at Diploma or higher, Certificate IV and Certificate III levels.

Students studying in Engineering & Related Technologies were the largest group of VET students in the Kangaroo Island (DC) region in 2015, with Agriculture and Environmental & Related Studies rating next. In the Kangaroo Island (DC) region the largest groups of students were also studying Engineering & Related Technologies, with Management & Commerce rating next highest.

**Figure 3.3 VET Students by Field of Education, 2015**



Source: NCVER, National VET Provider Collection (Unpublished data); Department of State Development



## **Additional Information**

### **Selected Regions**

410102750 - Kangaroo Island (DC)

## Notes

1. The regions included in this document are based on the Australian Standard Geographic Classification regions for South Australia. For more information please see [Australian Standard Geographic Classification regions for South Australia](#).
2. All data contained in this report is for South Australia (unless otherwise stated).
3. Census data is self-reported by individuals and as a result may produce unexpected outcomes.

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