

2. Regional Employment 2015-16

Employment Data 2015-16

Employment data are provided by EconSearch as two sets of figures:

- The number of jobs in each industry and industry sector, and
- Full Time Equivalent (FTE) employment - i.e. the number of jobs in each industry/sector based on hours worked, with each FTE job comprising 37 hours per week.

When the number of jobs is greater than FTE employment, this indicates that an industry has a degree of part-time employment. For example, in 2015-16 the region's health and community services industry provided 3,466 jobs, but the FTE employment was 2,908; indicating that a number of these jobs were part-time - averaging 31 hours per week.

Conversely, when FTE employment is greater than the number of jobs, this indicates that some people work more than 37 hours per week. In 2015-16, the region's iron and non-ferrous ore mining sector provided 291 jobs, however the hours worked was the equivalent of 512 FTE positions. This indicates that numerous people employed in this industry sector worked substantial amounts of overtime - averaging 65 hours per week.

In 2015-16, the RDAWEP region provided a workforce of 25,210 FTE positions; however the number of jobs totalled 25,269. Some regional industries therefore had a proportion of part-time employment.

Regional Employment by Industry Sector

This employment analysis is based on the number of jobs being provided. In 2015-16 the region's main employing industries were:

- Health and Community Services - providing 13.7% of regional employment, and 3,466 jobs,
- Retail Trade - 11.2% of employment, with 2,820 jobs.
- Manufacturing - 10.5% of employment, and 2,707 jobs, and
- Agriculture - 10.0%, and 2,599 jobs.

These four industries provided almost half (45.4%) of the region's jobs (11,592) - see **Table 1**. The region's other key employing industries were (in ranked order):

- Education and Training - 7.6%, 1,918 jobs,
- Construction - 6.7% of regional employment, and 1,711 jobs,
- Accommodation and Food Services - 6.1%, 1,543 jobs,
- Public Administration and Safety - 4.9%, and 1,214 jobs,
- Transport, Postal and Warehousing - 4.6%, 1,168 jobs, and
- Personal and Other Services - 4.0% of employment, and 1,004 jobs.

These six industries provided over one-third (33.9%) or 8,558 of the region's jobs - see **Table 1**.

Collectively, the top ten industries provided 20,150 (79.3%) of the region's 25,269 jobs.

Health and community services and retail trade were the largest employing industries in the regional centres of Port Lincoln and Ceduna. However in Whyalla, the manufacturing industry was the biggest employer with 1,818 jobs, followed by health and community services (1,360 jobs - see **Table 2**).

INDUSTRY	INDUSTRY SECTOR	TOTAL EMPLOYMENT			
		(Jobs)	(%)	FTE	(%)
Agriculture	Sheep	739	2.9	964	3.8
	Grains	1,323	5.2	1,760	7.0
	Beef Cattle	389	1.5	482	1.9
	Dairy Cattle	0	0.0	0	0.0
	Poultry	4	0.0	4	0.0
	Pigs	5	0.0	6	0.0
	Other Livestock	0	0.0	0	0.0
	Wine grapes	9	0.0	5	0.0
	Vegetables	11	0.0	13	0.1
	Fruit and Nut	9	0.0	6	0.0
	Other Agriculture	4	0.0	6	0.0
	Forestry and Logging	4	0.0	4	0.0
	Ag., Forestry and Fishing Services	102	0.4	125	0.5
	Sub-total	2,599	10.0	3,375	13.3
Aquaculture	Aquaculture	701	2.8	506	2.0
Fishing, Hunting and Trapping	Fishing, Hunting and Trapping	622	2.5	432	1.7
Mining	Coal Mining	8	0.0	11	0.0
	Oil and Gas Extraction	81	0.3	95	0.4
	Iron and Non-ferrous Ore Mining	291	1.2	512	2.0
	Non-metallic Mineral Mining	72	0.3	94	0.4
	Exploration and Mining Services	316	1.2	611	2.4
	Sub-total	768	3.0	1,323	5.2
Manufacturing	Meat and Meat Products	8	0.0	8	0.0
	Processed Seafood Products	205	0.8	179	0.7
	Dairy Products	0	0.0	0	0.0
	Fruit and Vegetable Products	29	0.1	20	0.1
	Oils and Fats Manufacturing	6	0.0	5	0.0
	Grain Mill and Cereal Products	10	0.0	7	0.0
	Other Food Products	154	0.6	106	0.4
	Wine and Spirits	7	0.0	9	0.0
	Beer	0	0.0	0	0.0
	Other Beverages	0	0.0	0	0.0
	Textiles, Clothing and Footwear	17	0.1	22	0.1
	Sawmill Products	0	0.0	0	0.0
	Other Wood Products	45	0.2	48	0.2
	Pulp, Paper & Paperboard	0	0.0	0	0.0
	Paper Products	3	0.0	4	0.0
	Printing (including Recordings)	6	0.0	7	0.0
	Petroleum and Coal Products	4	0.0	5	0.0
	Pharmaceutical, and Other Chemical Products	59	0.2	66	0.3
	Non-metal Mineral Products	55	0.2	100	0.4
	Iron and Steel	1,774	7.0	2,183	8.7
	Basic Non-ferrous Metals	22	0.1	28	0.1
	Metal Products	116	0.5	126	0.5
	Motor Vehicles and Parts	7	0.0	8	0.0
	Other Machinery and Equipment	127	0.5	126	0.5
	Furniture Manufacturing	48	0.2	50	0.2
	Other Manufactured Products	5	0.0	4	0.0
	Sub-total	2,707	10.5	3,111	12.2

Table 1: RDAWEP Regional Employment by Industry Sector 2015-16 (Cont'd over page)

INDUSTRY	INDUSTRY SECTOR	TOTAL EMPLOYMENT			
		(Jobs)	(%)	FTE	(%)
Electricity, Gas, Water and Waste Services	Electricity Generation	0	0.0	0	0.0
	Electricity Supply	61	0.2	69	0.3
	Gas Supply	5	0.0	5	0.0
	Water Supply, Sewer and Drainage	96	0.4	108	0.4
	Waste Management Services	73	0.3	76	0.3
	Sub-total	235	0.9	258	1.0
Construction	Residential Building Construction	534	2.1	542	2.1
	Other Construction	162	0.6	198	0.8
	Construction Services	1,015	4.0	1,112	4.4
	Sub-total	1,711	6.7	1,852	7.3
Wholesale Trade	Wholesale Trade	624	2.5	714	2.8
Retail Trade	Retail Trade	2,820	11.2	2,256	9.0
Accommodation and Food Services	Accommodation	464	1.8	433	1.7
	Food and Beverage Services	1,079	4.3	781	3.1
	Sub-total	1,543	6.1	1,214	4.8
Transport, Postal and Warehousing	Road Transport	697	2.8	847	3.4
	Rail Transport	58	0.2	69	0.3
	Water, Pipeline and Other Transport	50	0.2	37	0.1
	Air and Space Transport	9	0.0	10	0.0
	Transport Support and Storage	354	1.4	394	1.6
	Sub-total	1,168	4.6	1,357	5.4
Information, Media and Telecommunications	Publishing (excluding Web and Music)	32	0.1	27	0.1
	Communication Services	57	0.2	52	0.2
	Sub-total	89	0.3	79	0.3
Finance and Insurance	Finance	234	0.9	205	0.8
	Insurance and Other Financial Services	101	0.4	93	0.4
	Sub-total	335	1.3	298	1.2
Rental, Hiring and Real Estate	Rental, Hiring, and Real Estate	247	1.0	243	1.0
Ownership of Dwellings	Ownership of Dwellings	0	0.0	0	0.0
Prof, Scientific and Technical	Professional Scientific Technical Services	736	2.9	719	2.9
Administration Support Services	Administration Support Services	577	2.3	471	1.9
Public Administration and Safety	Public Administration and Regulatory Services	848	3.4	805	3.2
	Defence	0	0.0	0	0.0
	Public Order and Safety	366	1.5	384	1.5
	Sub-total	1,214	4.9	1,189	4.7
Education and Training	Education and Training	1,918	7.6	1,840	7.3
Health Care and Social Assistance	Health and Community Services	3,446	13.7	2,908	11.5
Arts and Recreational Services	Cultural and Recreational Services	185	0.7	106	0.4
Other Services	Personal and Other Services	1,004	4.0	959	3.8
JOBS TOTAL¹		25,269	100.0	25,210	100.0

¹Variations in totals from other data tables are caused by rounding.

Table 1: RDAWEP Regional Employment by Industry Sector 2015-16.

Employment by Key Industry Sector and Council Area

Whyalla was the main employing Council, with a total of 8,665 jobs (34.3% of the region's jobs). The four main employing industries in Whyalla were: manufacturing (1,818 jobs); health and community services (1,360); retail trade (1,035), and education and training (746). Port Lincoln was the second largest employing Council with 7,587 jobs (30%). The four main employing sectors in Port Lincoln were: health and community services (1,118 jobs); retail trade (971); manufacturing (684), and construction (630).

Ceduna (2,004 jobs) and Lower Eyre Peninsula (1,542) were the other larger employing Councils. Key employing industries in Ceduna were: health and community services (295); retail trade (254); agriculture (178); and education and training (161). The main employers in the Lower Eyre Peninsula were: agriculture (467 jobs); aquaculture (160); health and community services (117), and retail trade (101).

Agriculture was the largest employer in Tumby Bay (376 jobs); Cleve (325); Elliston (292); Streaky Bay (270); Kimba (266), and Wudinna (242) – see **Table 2**.

Fishing and Aquaculture Employment

The region is renowned internationally for its premium seafood product, due to the marketing success of the trade marked brand: 'Eyre Peninsula – Australia's Seafood Frontier'. However, the fishing and aquaculture industries are relatively small employers in comparison with other industries; providing 622 (2.5%) and 701 (2.8%) of the region's jobs respectively in 2015-16. (EconSearch, *Economic Data 2015-16*, November 2017).


Most of the fishing jobs were provided in Port Lincoln (441), Tumby Bay (51), Elliston (47) and Streaky Bay (42). Most of the region's aquaculture jobs were provided in Port Lincoln (278), Lower Eyre Peninsula (160), Ceduna (129), Cleve (53) and Franklin Harbour (45).

Changes to Industry Employment in the Period 2012-13 to 2015-16

In 2012-13, the health care and social assistance (health and community services) industry was the region's largest employer, providing 14.0% of the region's jobs. This industry remained the region's largest employer in 2013-14, 2014-15 and 2015-16 – see **Table 3**.

The biggest change from 2012-13 was with employment growth in the mining industry. In 2012-13 mining did not rank in the region's top ten employing industries (providing only 923 or 3.7% of the region's jobs); however mining was ranked 7th in 2013-14. This change can be attributed to high levels of minerals exploration and drilling activity on the Eyre Peninsula during 2013-14 by companies such as Centrex Metals/Eyre Iron (for the Fusion Joint Venture at Koppio); Iron Road Limited (for the Central Eyre Iron Project at Warrambo); and graphite exploration by Valence Industries, Lincoln Minerals and Archer Exploration Limited at Port Lincoln, Koppio and Cleve.

In 2014-15, mining ranked as the 9th largest employer as job numbers fell from 1,526 in 2013-14 to 1,329. This was largely caused by the falling commodity price of iron ore; which led to the down-sizing of mining employment by Arrium from early 2015, and a return to a resource feasibility analysis of the Fusion Joint Venture project by Centrex Metals. In 2015-16, mining did not rate among the region's top ten employers, providing only 768 (3.0%) of regional jobs. This can be attributed to further decline in the iron ore commodity price, and a slowdown in mining exploration



Conversely, small employment growth was recorded in the health and community services and the agriculture industries. This can be attributed to the ageing of the regional population and continuous highly productive years in the agriculture industry, particularly by the grain sector.

LOCAL GOVERNMENT AREA	TOP TEN EMPLOYING INDUSTRIES IN REGION 2015-16										Total Employment by Council and Region (Jobs)
	Health & Community Services	Retail Trade	Manufacturing	Agriculture	Education and Training	Construction	Accommodation and Food Services	Public Administration and Safety	Transport, Postal and Warehousing	Personal and Other Services	
Whyalla	1,360	1,035	1,818	11	746	512	559	382	412	284	8,665
Port Lincoln	1,118	971	684	62	576	630	439	405	344	350	7,587
Ceduna	295	254	16	178	161	121	160	149	143	126	2,004
Cleve	114	96	0	325	45	80	29	28	67	51	977
Elliston	57	35	6	292	47	22	46	19	7	11	610
Franklin Harbour	45	35	16	113	42	31	47	15	8	0	476
Kimba	72	41	15	266	32	33	41	27	21	10	626
Lower Eyre Pen.	117	101	61	467	84	81	50	89	83	66	1,542
Streaky Bay	122	95	37	270	62	76	73	34	32	26	1,013
Tumby Bay	104	107	43	376	69	92	56	29	28	29	1,066
Wudinna	62	48	7	242	55	32	44	36	21	50	696
REGION TOTALS	3,466	2,818	2,703	2,602	1,919	1,170	1,544	1,213	1,166	1,003	25,262

Table 2: Top Ten Regional Employing Industries by LGA and Number of Jobs, 2015-16.

INDUSTRY RANKING	2013-14	JOB No.	2014-15	JOB No.	2015-16	JOB No.
1	Health and Community Services	3,240	Health and Community Services	3,509	Health and Community Services	3,466
2	Manufacturing	2,932	Agriculture	3,104	Retail Trade	2,820
3	Agriculture	2,910	Manufacturing	2,582	Manufacturing	2,707
4	Retail Trade	2,536	Retail Trade	2,563	Agriculture	2,599
5	Construction	1,924	Education and Training	2,301	Education and Training	1,918
6	Education and Training	1,918	Construction	1,725	Construction	1,711
7	Mining	1,526	Accommodation and Food Services	1,386	Accommodation and Food Services	1,543
8	Accommodation and Food Services	1,422	Transport, Postal and Warehousing	1,338	Public Administration and Safety	1,214
9	Transport, Postal and Warehousing	1,355	Mining	1,329	Transport, Postal and Warehousing	1,168
10	Public Administration and Safety	1,193	Public Administration and Safety	1,029	Personal and Other Services	1,004

Table 3: Comparative RDAWEP Region Industry Rankings by Employment, 2013-14 to 2015-16.

Data Clarification

These data are designed to provide a broad understanding of the composition and economic structure of the RDAWEP region. However, slight variations in the employment ranking position and number of jobs in each industry may be the result of the data collection and analysis process, rather than actual changes to employment.

EconSearch collates regional data from a number of sources, and these include estimates and projections. EconSearch has advised that care needs to be taken when analysing the data as time periods, definitions, methodologies, scope and coverage differ between variables.

It should also be noted that the 2015-16 data are the fourth annual instalment by EconSearch. Issues concerning data glitches and inconsistencies are gradually being resolved through continuous data improvement and greater familiarity with the region's economic characteristics.