



**PERTH  
SOUTH WEST**  
Metropolitan Alliance

# Economic and Workforce Profile South West Metropolitan Region



# PERTH SOUTH WEST

Metropolitan Alliance

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The data source for this publication is  
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For additional information, please visit:

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South West Metropolitan Region

*Town of  
East Fremantle*

PERTH  
CBD

*City of  
Fremantle*

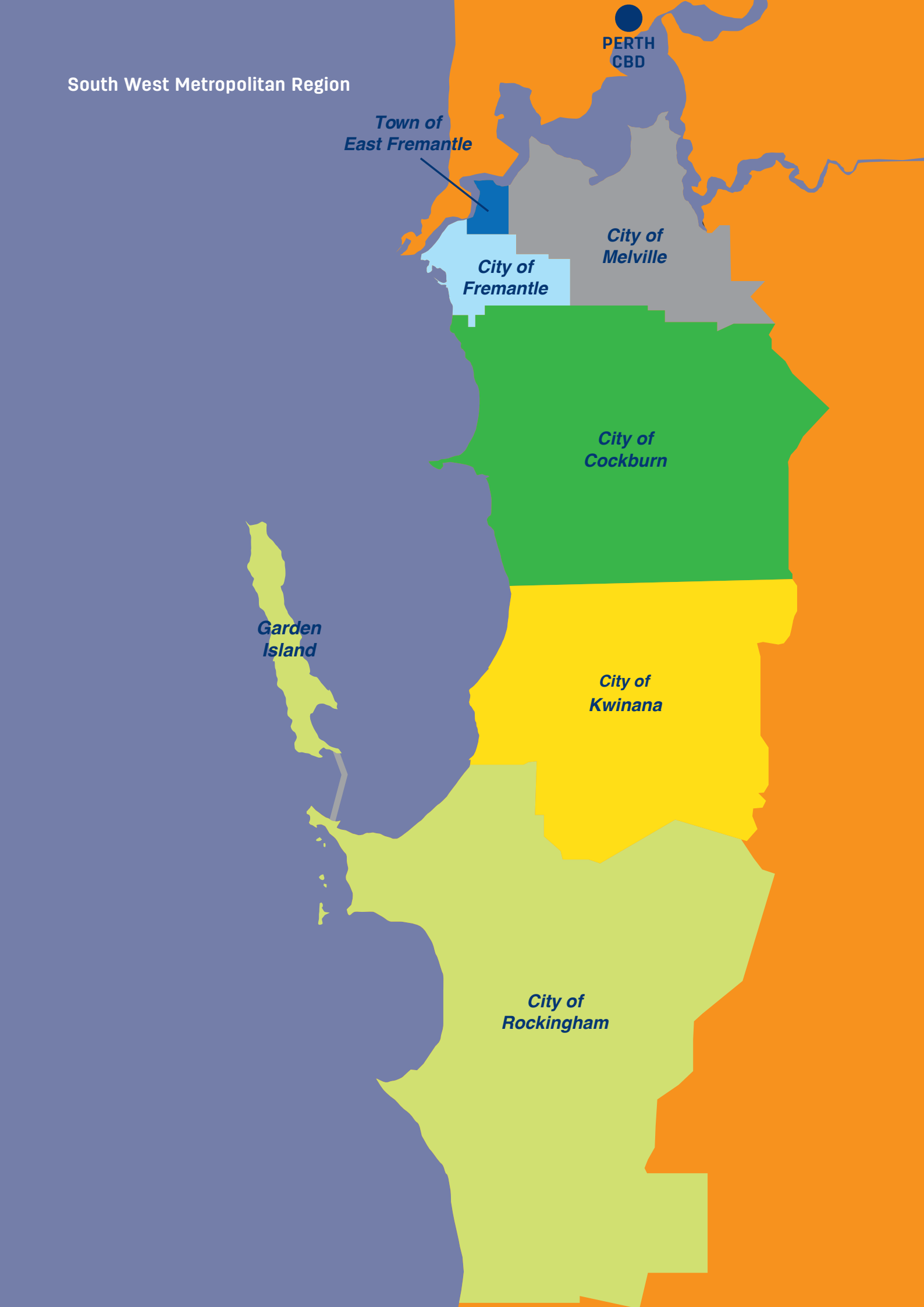
*City of  
Melville*

*City of  
Cockburn*

*Garden  
Island*

*City of  
Kwinana*

*City of  
Rockingham*





## About the Perth South West

The Perth South West is a voluntary regional organisation of councils (VROC) established in 1983 and comprising six member Councils in the South West Metropolitan Region including City of Cockburn, Town of East Fremantle, City of Fremantle, City of Kwinana, City of Melville and City of Rockingham.

The Perth South West partners and collaborates with State and Federal Government, industry, business

and community on activities that benefit and facilitate further economic development in the South West Metropolitan Region. The Vision for South West Metropolitan Region is to be the “Economic Gateway to the West.”

The Perth South West has prepared this economic and workforce profile to improve understanding of the region and to help inform investment decisions.

## Headline Statistics Perth South West Region

**620km<sup>2</sup>**

11.5% of the Perth  
Metropolitan Region



Gross Regional Product 2018

**\$28.840 billion**

Source: REMPLAN

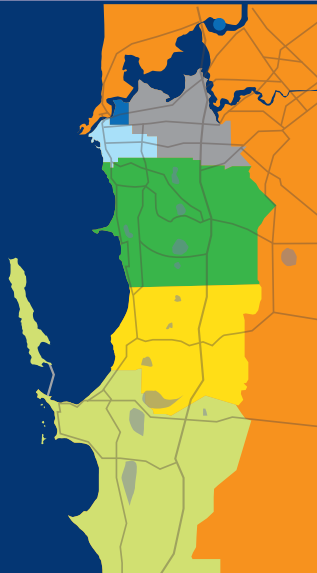
**SWMR Population**

2018 – 425,404

2031 – 595,929

2050 – 770,000

Source: Perth South West



### Location

South Western Quarter of Metropolitan Perth bounded by the Canning River, Swan River, Fremantle Harbour, Cockburn Sound, Warnbro Sound and generally 2 kilometres east of the Kwinana Freeway alignment.

**66.7%** Participation rate

**6.6%** Unemployment rate

**1.7%** Indigenous population

**33.0%** Overseas born population



Employed residents

**221,647**

Australian Bureau of Statistics



Number of businesses

**31,577**

Australian Bureau of Statistics

### Local Governments



### Activity centres

- » Fremantle
- » Rockingham
- » Cockburn Central
- » Kwinana
- » Jandakot Airport
- » Murdoch



### Major industry sectors by employment

- » Manufacturing
- » Retail
- » Construction
- » Health Care and Social Assistance
- » Education and Training
- » Accommodation and Food Services
- » Public Administration and Safety

### Major industrial areas

- » Western Trade Coast
  - » Kwinana Strategic Industrial Area
  - » Australian Marine Complex
  - » Latitude 32
  - » Rockingham Industry Zone
- » Jandakot City



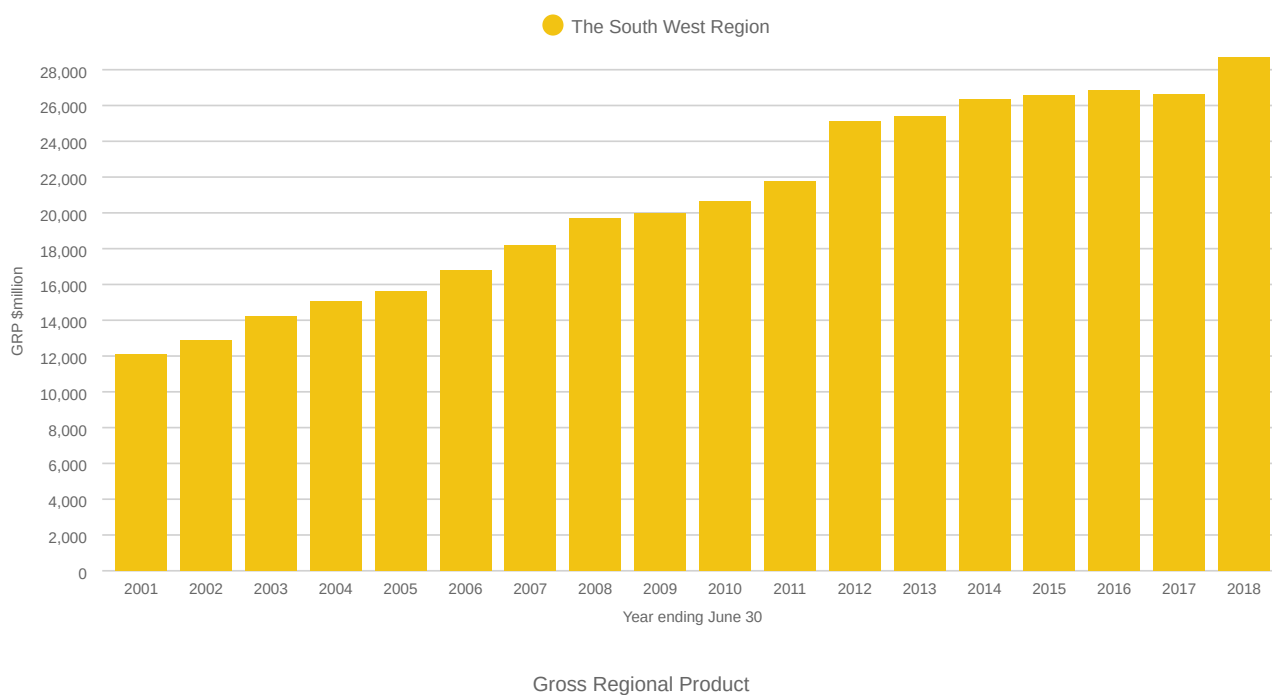
### Maritime ports

- » Fremantle Port
  - » Inner Harbour, Fremantle
  - » Outer Harbour, Kwinana
- » Fremantle Fishing Boat Harbour

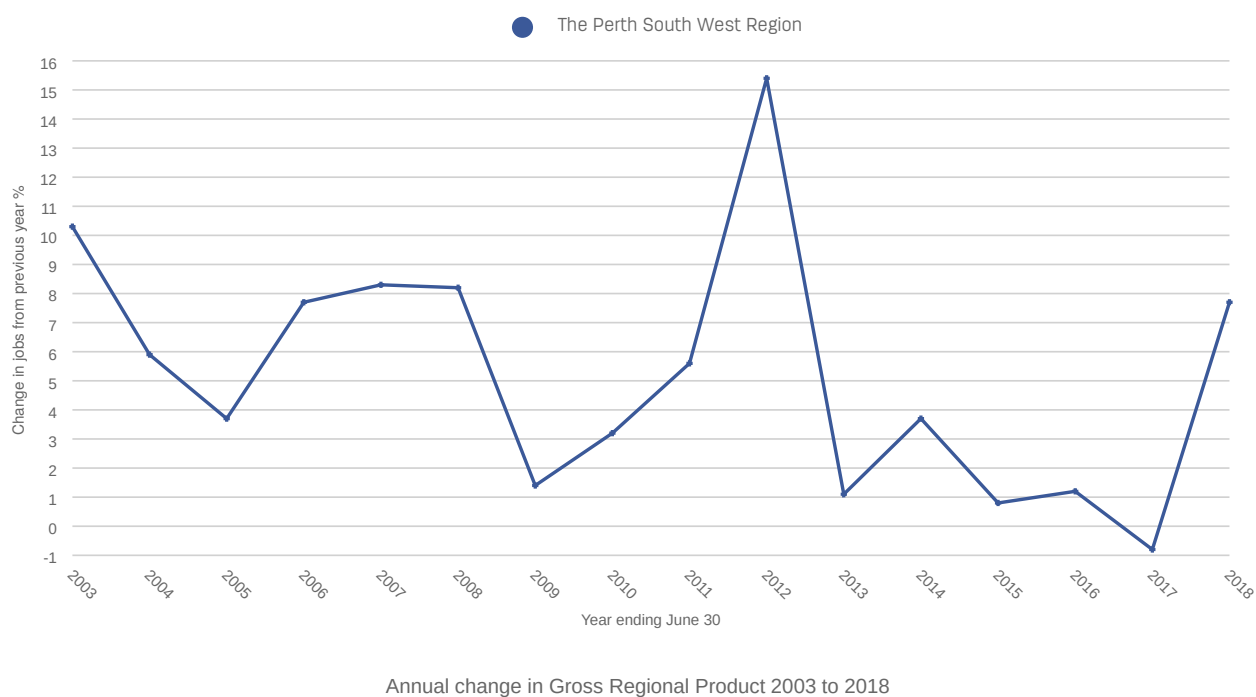


## Our Economy

### Gross regional product



### Annual change in Gross Regional Product 2003 to 2018







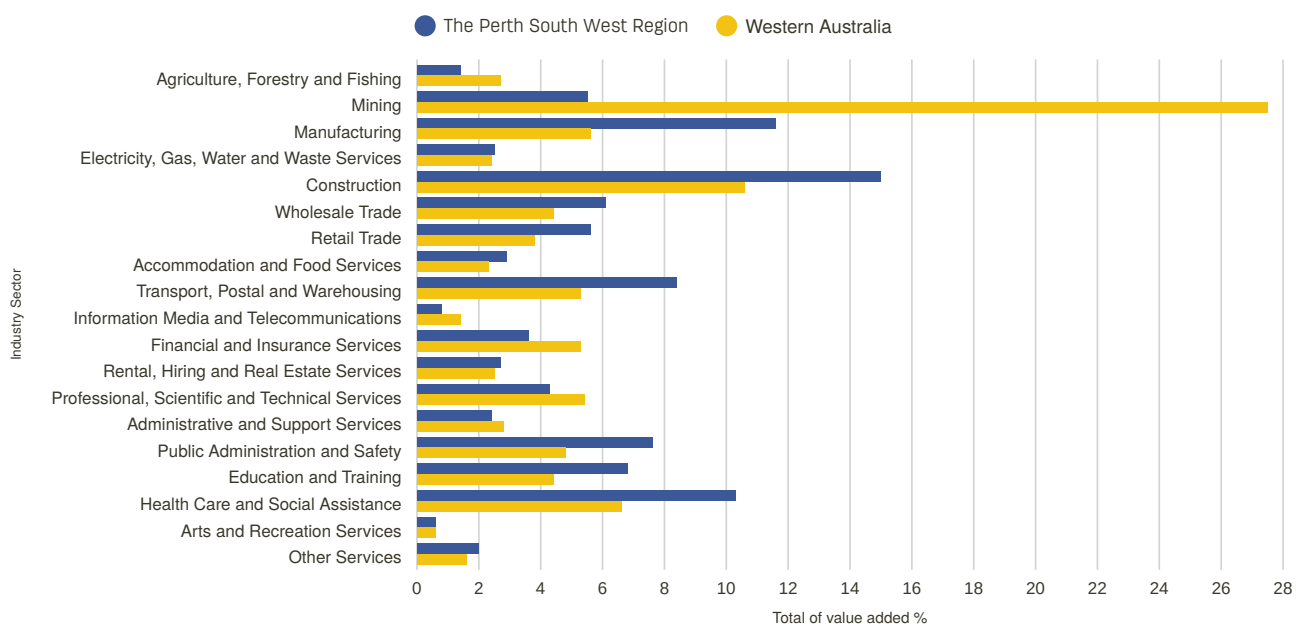
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## Value added by industry sector 2017/18 and 2012/13

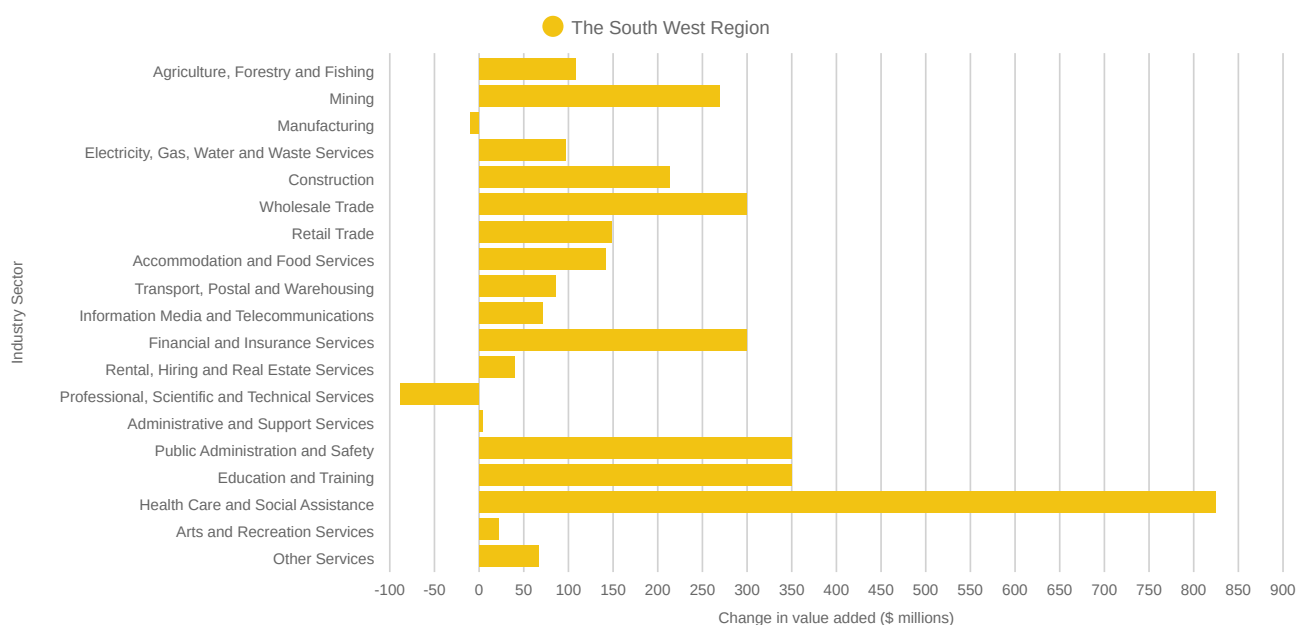
Value added by industry sector							
The Perth South West Region - Constant prices	2017/18			2012/13			Change
Industry Sector	\$m	%	Western Australia %	\$m	%	Western Australia %	2012/13 to 2017/18
Agriculture, Forestry and Fishing	338.1	1.4	2.7	229.8	1.1	2.5	+108.3
Mining	1310.1	5.5	27.5	1040.8	5.0	22.4	+269.3
Manufacturing	2785.4	11.6	5.6	2795.1	13.5	6.4	-9.7
Electricity, Gas, Water and Waste Services	589.6	2.5	2.4	492.5	2.4	2.3	+97.0
Construction	3602.2	15.0	10.6	3388.5	16.4	14.7	+213.7
Wholesale Trade	1456.4	6.1	4.4	1157.2	5.6	4.4	+299.2
Retail Trade	1338.2	5.6	3.8	1189.6	5.8	4.0	+148.6
Accommodation and Food Services	697.2	2.9	2.3	556.2	2.7	2.3	+141.1
Transport, Postal and Warehousing	2013.0	8.4	5.3	1927.4	9.3	5.4	+85.7
Information Media and Telecommunications	194.6	0.8	1.4	123.4	0.6	1.2	+71.3
Financial and Insurance Services	861.2	3.6	5.3	562.2	2.7	4.6	+299.0
Rental, Hiring and Real Estate Services	658.4	2.7	2.5	619.2	3.0	2.6	+39.2
Professional, Scientific and Technical Services	1021.5	4.3	5.4	1109.9	5.4	7.2	-88.4
Administrative and Support Services	567.8	2.4	2.8	563.4	2.7	3.1	+4.4
Public Administration and Safety	1817.4	7.6	4.8	1467.5	7.1	4.7	+350.0
Education and Training	1622.1	6.8	4.4	1272.7	6.2	4.3	+349.3
Health Care and Social Assistance	2459.0	10.3	6.6	1634.6	7.9	5.6	+824.4
Arts and Recreation Services	150.2	0.6	0.6	128.1	0.6	0.6	+22.0
Other Services	475.9	2.0	1.6	409.2	2.0	1.7	+66.7
<b>Total Industries</b>	<b>23,958</b>	<b>100.0</b>	<b>100.0</b>	<b>20,667</b>	<b>100.0</b>	<b>100.0</b>	<b>+3,291</b>

## Value added by industry sector 2017/18



Value added by industry sector 2017/18

## Change in value added by industry sector, 2012/13 to 2017/18



Change in value added by industry sector, 2012/13 to 2017/18





## Commentary: Value added by industry sector

An analysis of the value added by industry sectors in The Perth South West Region in 2017/18 shows the three largest industries were:

- » Construction (\$3,602 million or 15.1%)
- » Manufacturing (\$2,785 million or 11.7%)
- » Health Care and Social Assistance (\$2,459 million or 10.3%)

In combination these three industries accounted for \$8,847 million in total or 37.0% of the total value added by industry in The Perth South West Region.

In comparison, the same three industries in Western Australia accounted for 10.6% in Construction; 5.6% in Manufacturing; and 6.6% in Health Care and Social Assistance.

The major differences between the value added by industries of The Perth South West Region and Western Australia were:

- » A larger percentage of value added by Manufacturing (11.7% compared to 5.6%)
- » A larger percentage of value added by Construction (15.1% compared to 10.6%)
- » A larger percentage of value added by Health Care and Social Assistance (10.3% compared to 6.6%)
- » A smaller percentage of value added by Mining (5.5% compared to 27.5%)

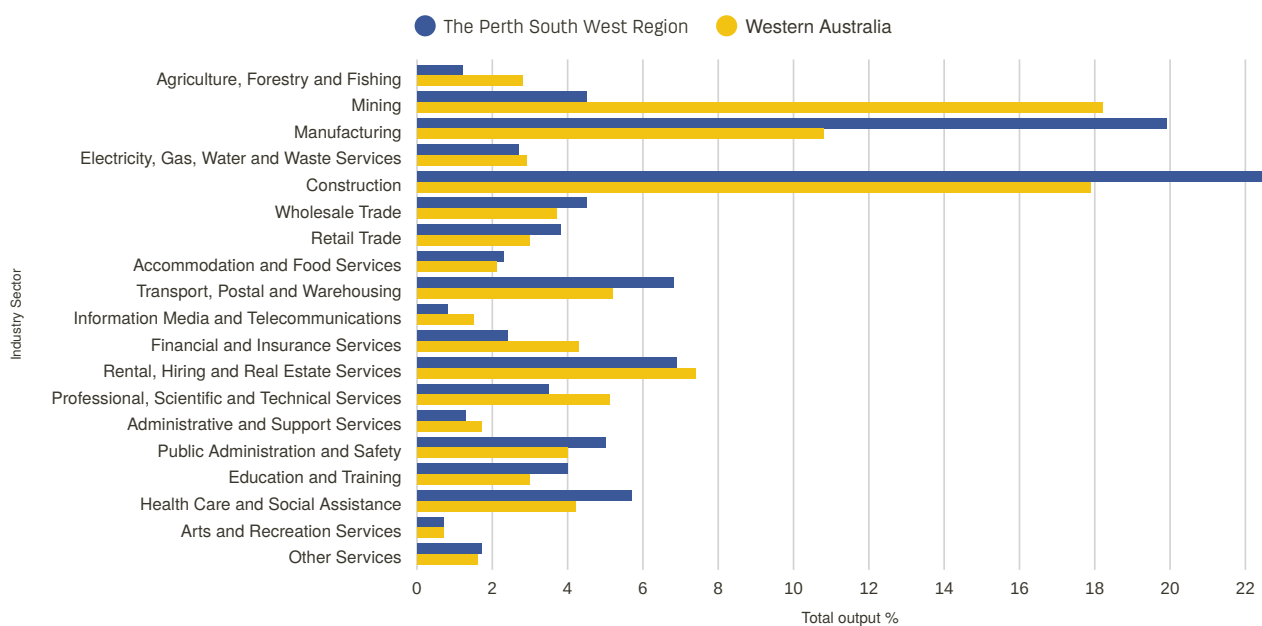
### Emerging Groups:

The total value added by industry in The Perth South West Region increased by 3,219.2 million between 2012/13 and 2017/18.

The largest changes in the value added by industries between 2012/13 and 2017/18 in The Perth South West Region were for:

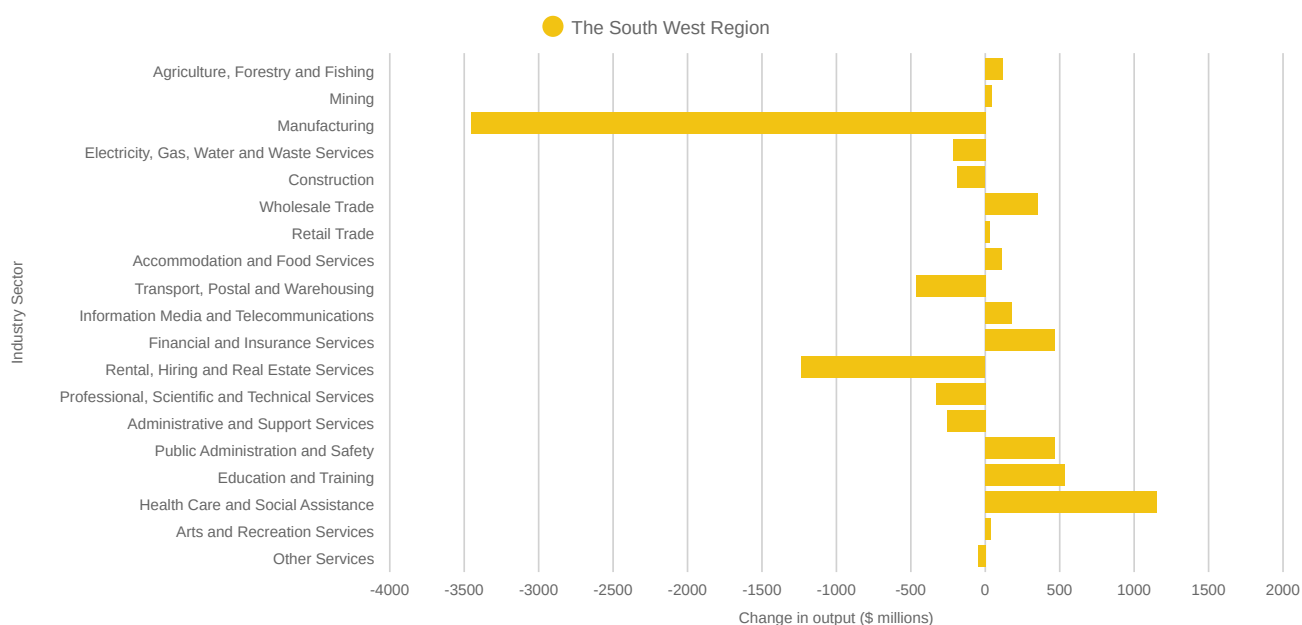
- » Health Care and Social Assistance (+\$824 million)
- » Public Administration and Safety (+\$350 million)
- » Education and Training (+\$349 million)
- » Wholesale Trade (+\$299 million)

## Output by industry sector 2017/18



Output by industry sector 2017/18

## Change in output by industry sector, 2012/13 to 2017/18



Change in output by industry sector, 2012/13 to 2017/18





## Commentary: output by industry sector

An analysis of the output by industry sectors in The Perth South West Region in 2017/18 shows the three largest industries were:

- » Construction (12,850 million or 22.5%)
- » Manufacturing (11,371 million or 19.9%)
- » Rental, Hiring and Real Estate Services (3,931 million or 6.9%)

In combination these three industries accounted for \$28,151 million in total or 49.3% of the total output by total industry in The Perth South West Region.

In comparison, the same three industries in Western Australia accounted for 17.9% in Construction; 10.8% in Manufacturing; and 7.4% in Rental, Hiring and Real Estate Services.

The major differences between output by industries in The Perth South West Region and Western Australia were:

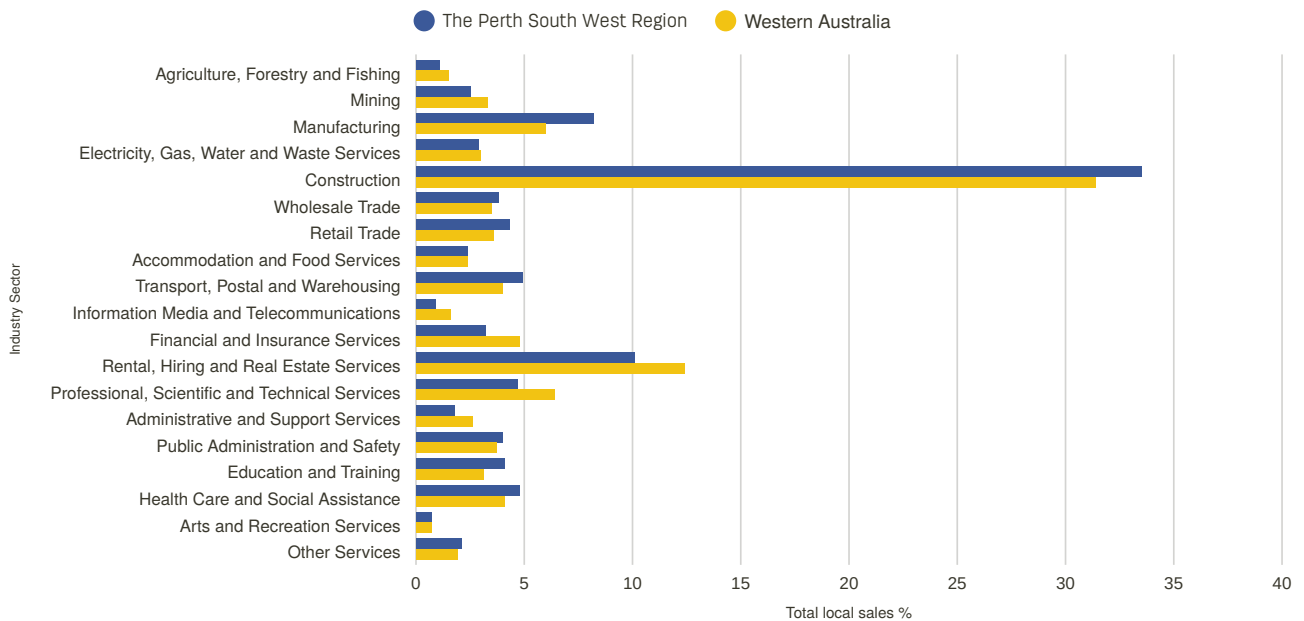
- » A larger percentage of output by Manufacturing (19.9% compared to 10.8%)
- » A larger percentage of output by Construction (22.5% compared to 17.9%)
- » A smaller percentage of output by Mining (4.5% compared to 18.2%)
- » A smaller percentage of output by Financial and Insurance Services (2.4% compared to 4.3%)

2012/13 and 2017/18.

The largest changes in the output by industries between 2012/13 and 2017/18 in The Perth South West Region were for:

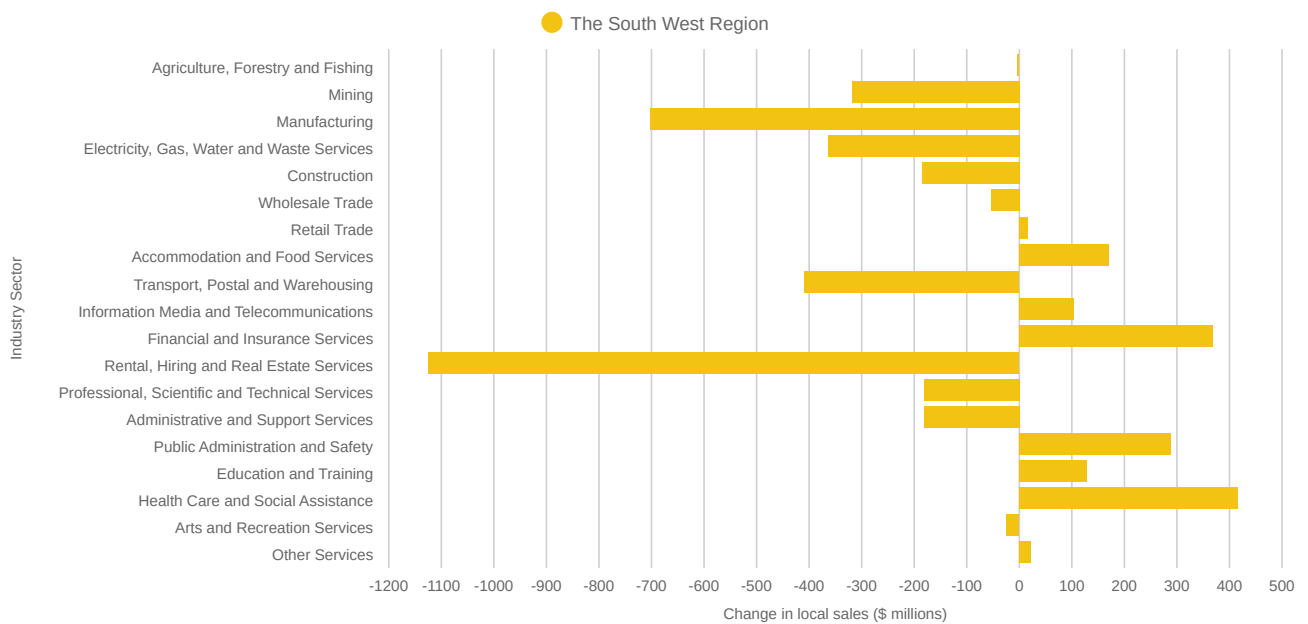
- » Manufacturing (-\$3,456 million)
- » Rental, Hiring and Real Estate Services (-\$1,234 million)
- » Health Care and Social Assistance (+\$1,154 million)
- » Transport, Postal and Warehousing (-\$573 million)

## Local sales by industry sector 2017/18



Local sales by industry sector 2017/18

## Change in local sales by industry sector, 2012/13 to 2017/18



Change in local sales by industry sector, 2012/13 to 2017/18





## Commentary – local sales by industry sector

The total industry output in The Perth South West Region decreased by \$2,834.2 million between

Local sales by industry measures the output of local industries that is sold locally. This includes sales to local consumers, businesses and other organisations.

An analysis of the local sales by industry sectors in The Perth South West Region in 2017/18 shows the three largest industries were:

- » Construction  
(12,850 people or 33.5%)
- » Rental, Hiring and Real Estate Services  
(3,866 people or 10.1%)
- » Manufacturing  
(3,155 people or 8.2%)

In combination these three industries accounted for \$19,870 million in total or 51.9% of the total local sales by total industry in The Perth South West Region.

In comparison, the same three industries in Western Australia accounted for 31.4% in Construction; 12.4% in Rental, Hiring and Real Estate Services; and 6.0% in Manufacturing.

The major differences between local sales by industries in The Perth South West Region and Western Australia were:

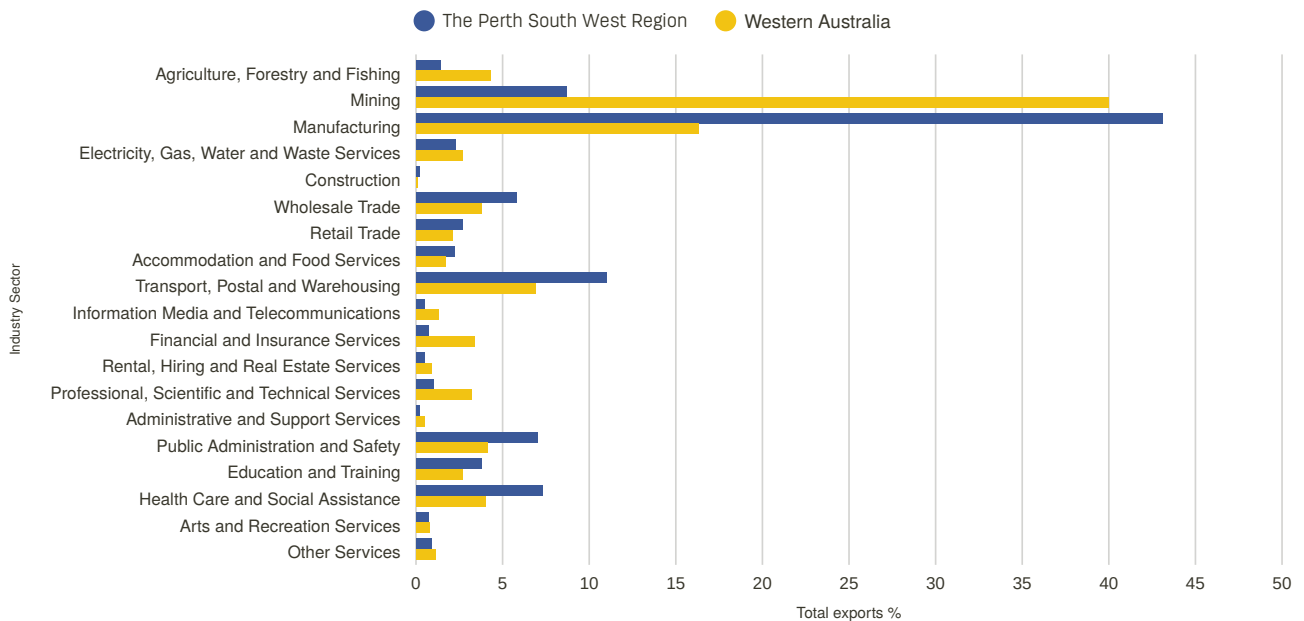
- » A larger percentage of local sales by Manufacturing (8.2% compared to 6.0%)
- » A larger percentage of local sales by Construction (33.5% compared to 31.4%)
- » A smaller percentage of local sales by Rental, Hiring and Real Estate Services (10.1% compared to 12.4%)
- » A smaller percentage of local sales by Professional, Scientific and Technical Services (4.7% compared to 6.4%)

The total local sales by industry in The Perth South West Region decreased by \$2,069.2 million between 2012/13 and 2017/18.

The largest changes in the local sales by industries between 2012/13 and 2017/18 in The Perth South West Region were for:

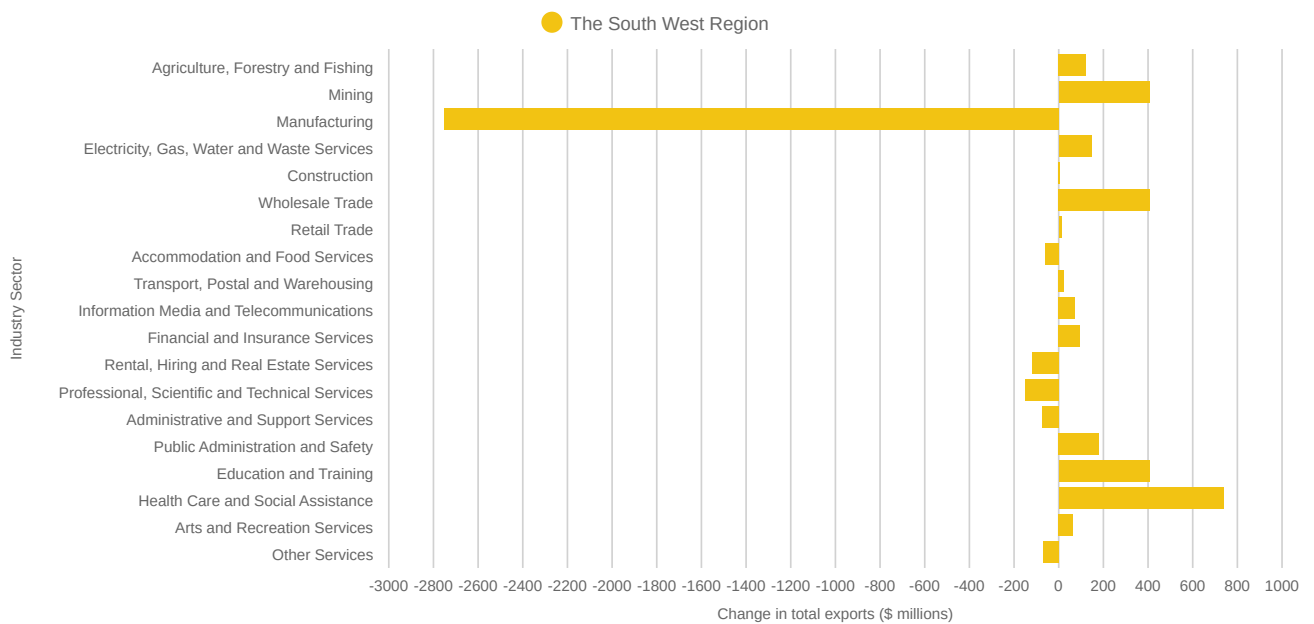
- » Rental, Hiring and Real Estate Services  
(-\$1,125 million)
- » Manufacturing (-\$705 million)
- » Transport, Postal and Warehousing  
(-\$424 million)
- » Health Care and Social Assistance  
(+\$416 million)

## Total exports by industry sector 2017/18



Total exports by industry sector 2017/18

## Change in total exports by industry sector, 2012/13 to 2017/18



Change in total exports by industry sector, 2012/13 to 2017/18



## Commentary: exports by industry sector

Exports by industry are sales of goods and services to non-resident households, businesses and other organisations, outside The Perth South West Region boundaries. Exports (domestic) include all exports from the area to other parts of Australia. Exports (international) includes all exports from the City to countries outside Australia

An analysis of the total exports by industry sectors in The Perth South West Region in 2017/18 shows the three largest industries were:

- » Manufacturing (\$8,216 million or 43.3%)
- » Transport, Postal and Warehousing (\$1,997 million or 10.5%)
- » Mining (\$1,664 million or 8.8%)

In combination these three industries accounted for \$11,878 million in total or 62.7% of the total exports by total industry in The Perth South West Region.

In comparison, the same three industries in Western Australia accounted for 16.3% in Manufacturing; 6.9% in Transport, Postal and Warehousing; and 40.0% in Mining.

The major differences between total exports by industries in The Perth South West Region and Western Australia were:

- » A larger percentage of total exports by Manufacturing (43.3% compared to 16.3%)
- » A larger percentage of total exports by Transport, Postal and Warehousing (10.5% compared to 6.9%)
- » A larger percentage of total exports by Health Care and Social Assistance (7.3% compared to 4.0%)
- » A smaller percentage of total exports by Mining (8.8% compared to 40.0%)

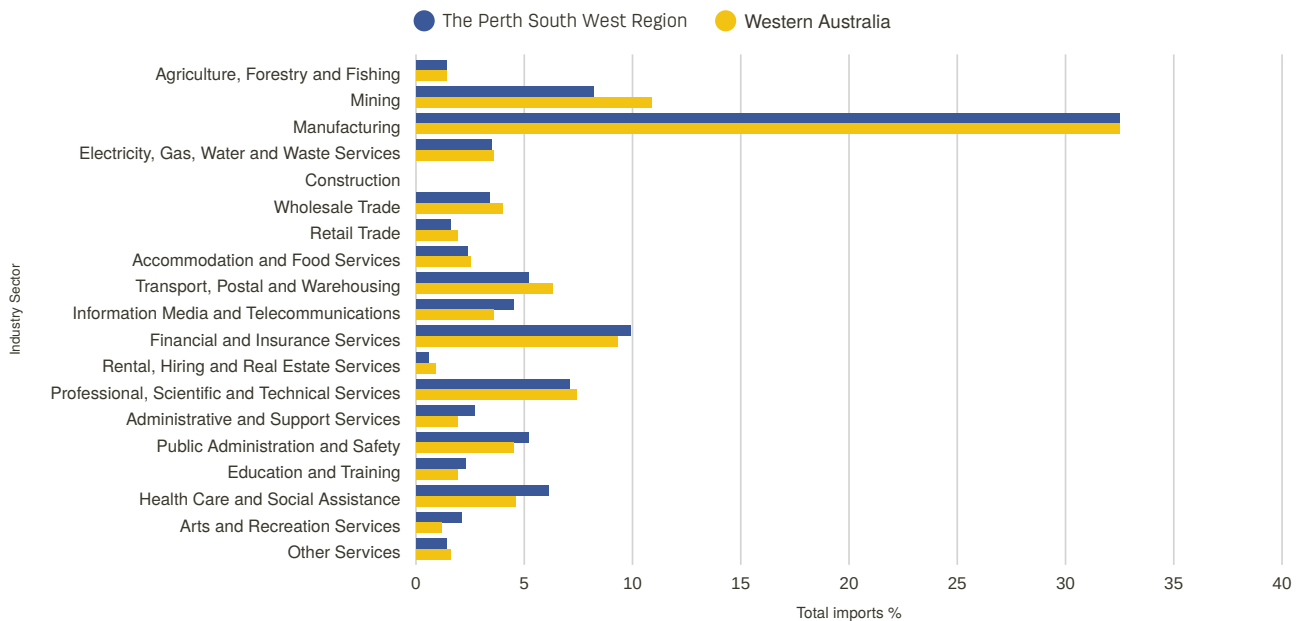
The total exports by industries in The Perth South West Region decreased by \$641.8 million between 2012/13 and 2017/18.

The largest changes in total exports by industries between 2012/13 and 2017/18 in The Perth South West Region were for:

- » Manufacturing (-\$2,750 million)
- » Health Care and Social Assistance (+\$738 million)
- » Wholesale Trade (+\$409 million)
- » Mining (+\$406 million)

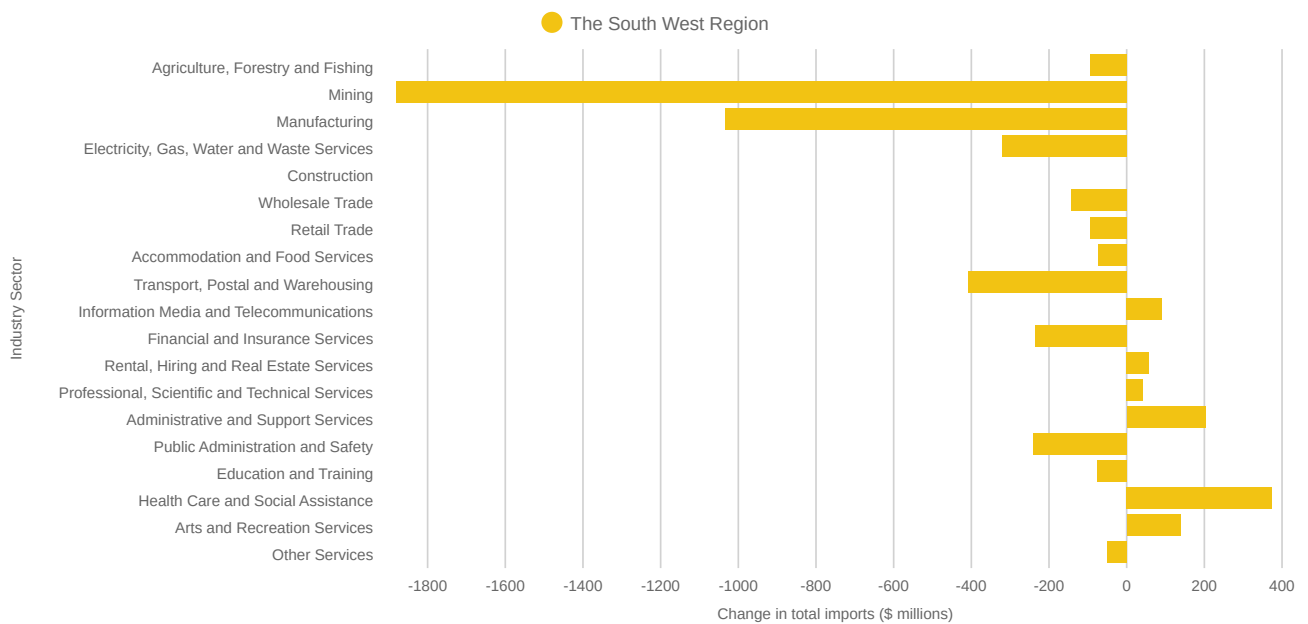


## Total imports by industry sector 2017/18



Total Imports by industry sector 2017/18

## Change in total imports by industry sector 2012/13 to 2017/18



Change in total imports by industry sector, 2012/13 to 2017/18



## Commentary: imports by industry sector

Imports by industry are sales of goods and services from industries located outside the The Perth South West Region boundaries to resident households, businesses and other organisations within the area. Imports (domestic) includes all imports from other parts of Australia to the City. Imports (international) includes the value of all imports to the area from outside Australia.

An analysis of the total imports by industry sectors in The Perth South West Region in 2017/18 shows the three largest industries were:

- » Manufacturing (\$8,239 million or 32.5%)
- » Financial and Insurance Services (\$2,496 million or 9.9%)
- » Mining (\$2,082 million or 8.2%)

In combination these three industries accounted for \$12,817 million in total or 50.6% of the total imports by total industry in The Perth South West Region.

In comparison, the same three industries in Western Australia accounted for 32.5% in Manufacturing; 9.3% in Financial and Insurance Services; and 10.9% in Mining.

The major differences between total imports by industries in The Perth South West Region and Western Australia were:

- » A larger percentage of total imports by Health Care and Social Assistance (6.1% compared to 4.6%)
- » A smaller percentage of total imports by Mining (8.2% compared to 10.9%)
- » A smaller percentage of total imports by Transport, Postal and Warehousing (5.2% compared to 6.3%)

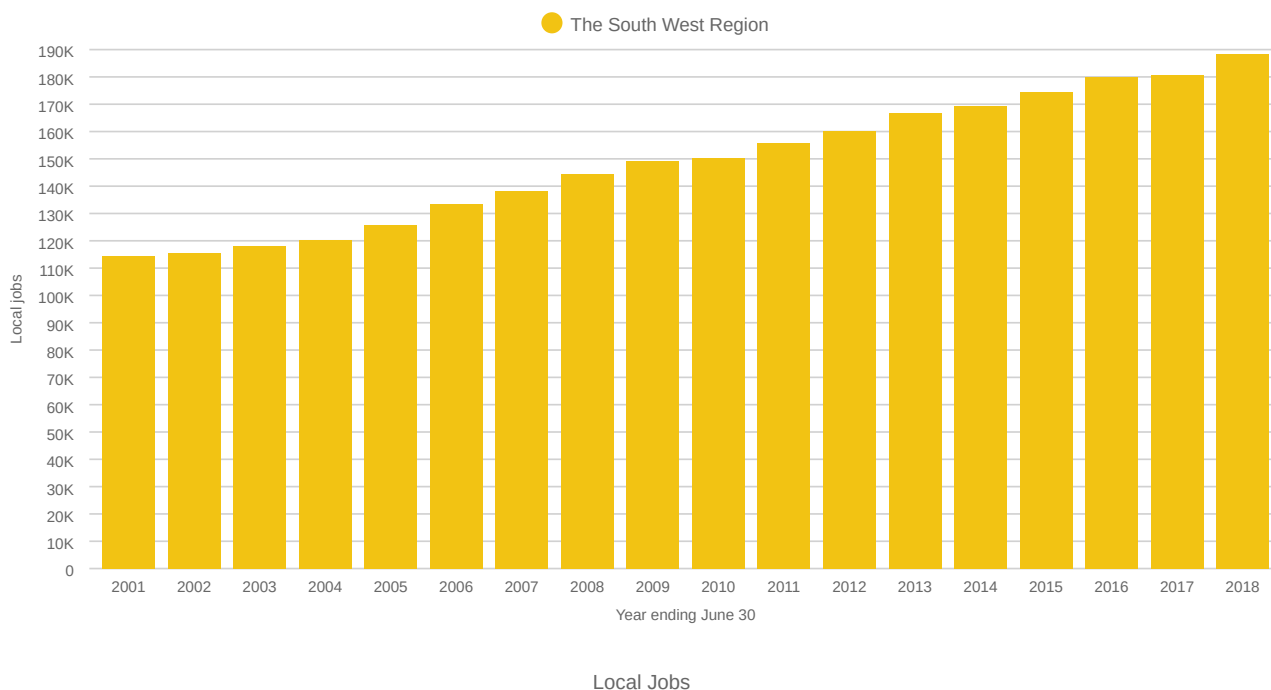
The total imports by industries in The Perth South West Region decreased by \$3,764.8 million between 2012/13 and 2017/18.

The largest changes in the total imports by industries between 2012/13 and 2017/18 in The Perth South West Region were for:

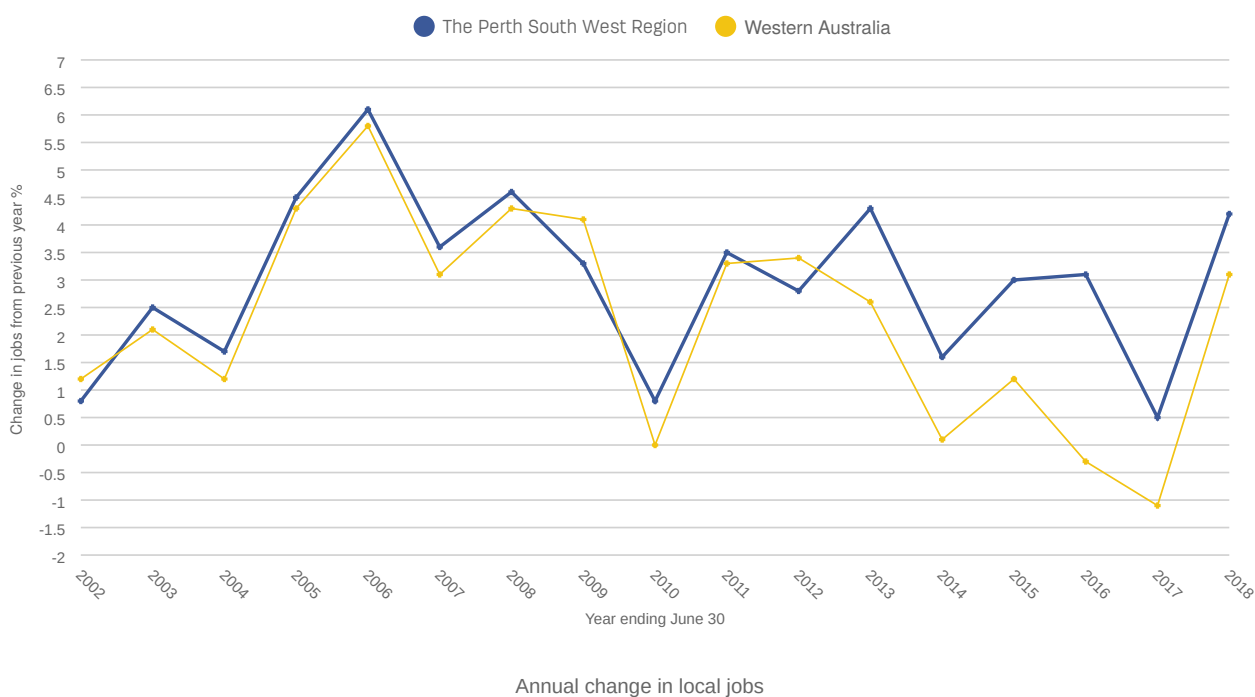
- » Mining (-\$1,882 million)
- » Manufacturing (-\$1,039 million)
- » Transport, Postal and Warehousing (-\$410 million)
- » Health Care and Social Assistance (+\$374 million)

## Our Workforce

### Local jobs

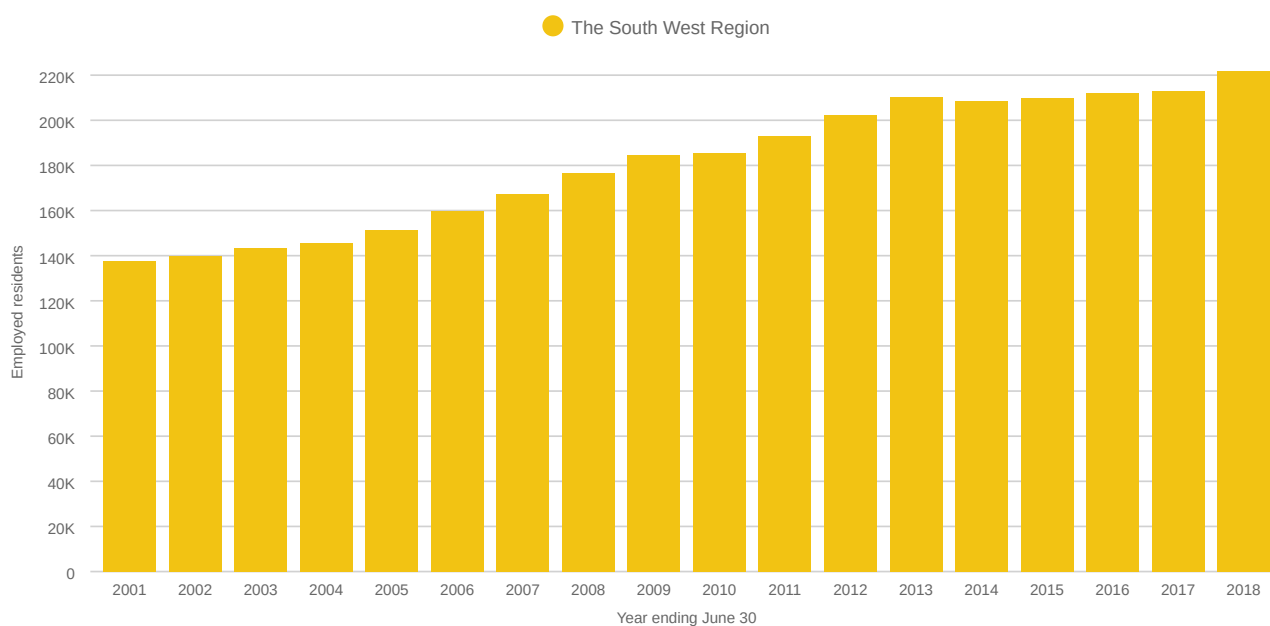


### Annual change in local jobs



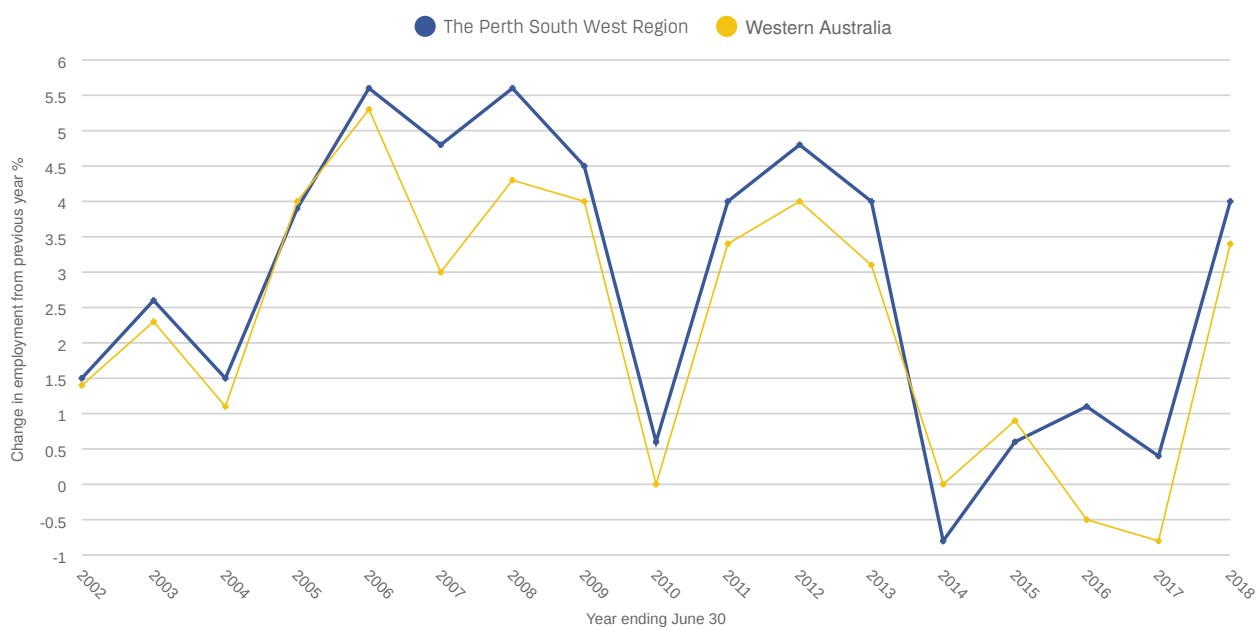


## Employed residents



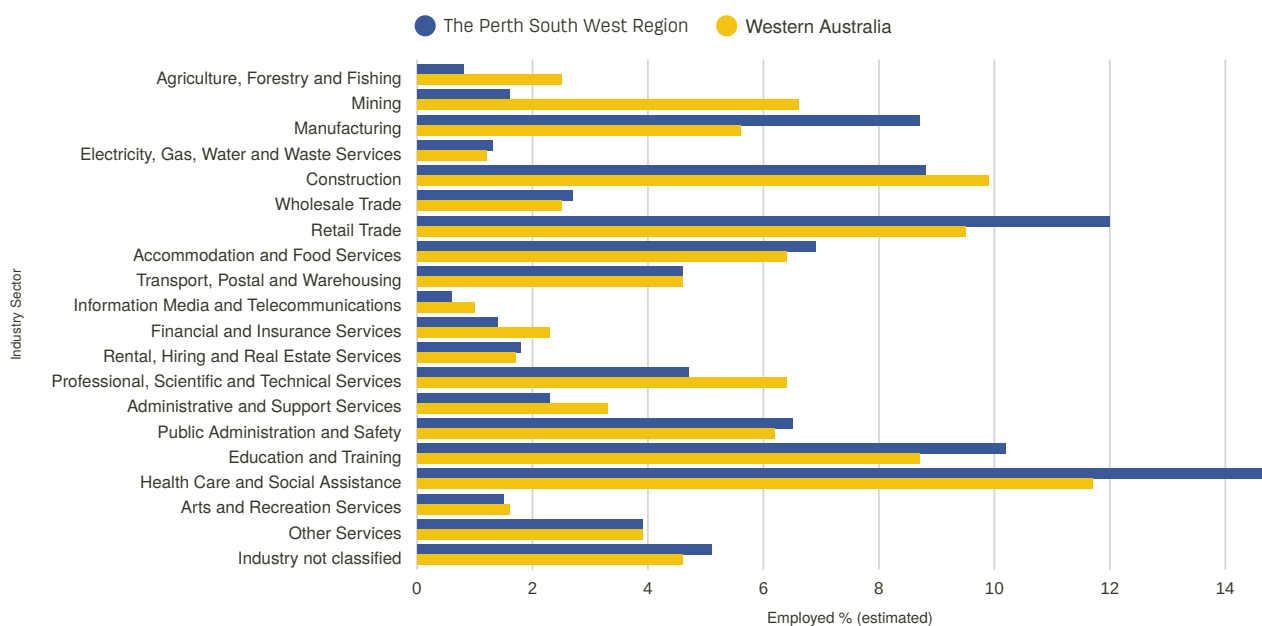
Employed residents

## Annual change in employed residents



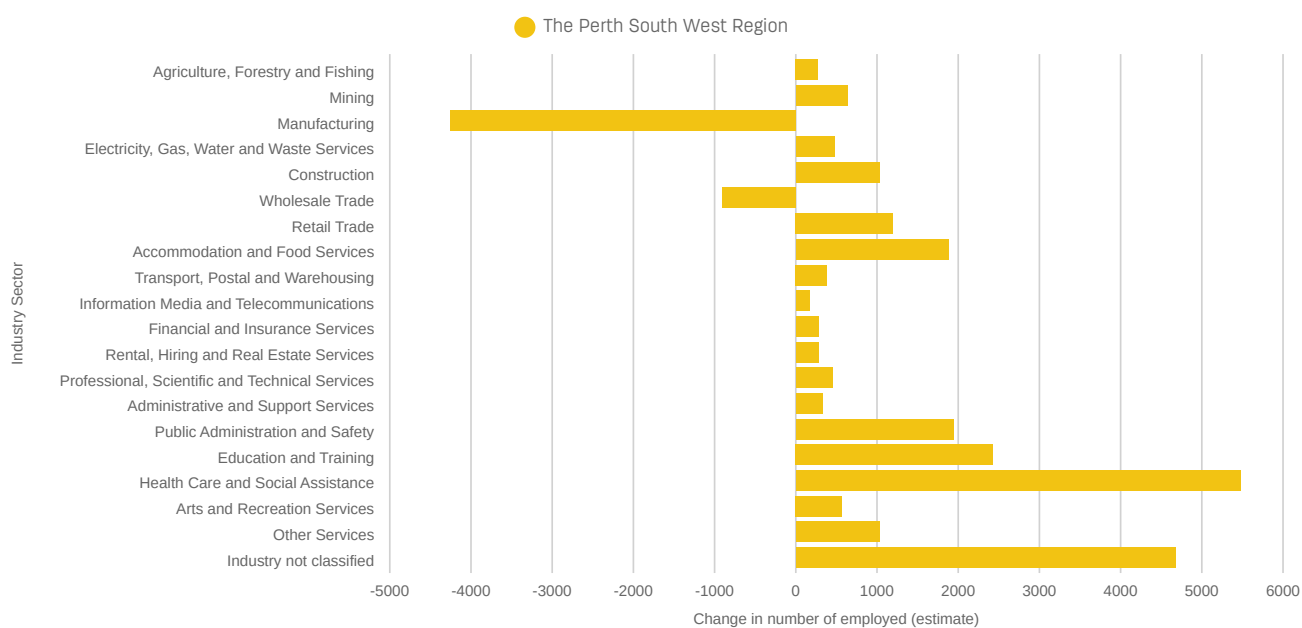
Annual change in employed residents

## Employment total by industry 2015/16



Employment (Census) by industry sector 2016

## Change in employment total by industry 2011/12 to 2015/16



Change in employment total by industry 2011/12 to 2015/16



## Commentary: employment by industry

An analysis of the jobs held by the local workers in The Perth South West Region in 2017/18 shows the three largest industries were:

- » Health Care and Social Assistance (28,485 people or 15.2%)
- » Retail Trade (21,985 people or 11.7%)
- » Education and Training (21,717 people or 11.6%)

In combination these three industries accounted for 72,186 people in total or 38.4% of the local workers.

In comparison, Western Australia employed 12.3% in Health Care and Social Assistance; 9.7% in Retail Trade; and 9.6% in Education and Training.

The major differences between the jobs held by local workers of The Perth South West Region and Western Australia were:

- » A larger percentage of local workers employed in Manufacturing (8.7% compared to 5.7%)
- » A larger percentage of local workers employed in Health Care and Social Assistance (15.2% compared to 12.3%)
- » A smaller percentage of local workers employed in Mining (2.0% compared to 7.2%)
- » A smaller percentage of local workers employed in Professional, Scientific and Technical Services (4.5% compared to 6.6%)

The number of local workers in The Perth South West Region increased by 21,148 between 2012/13 and 2017/18.

The largest changes in the jobs held by local workers between 2012/13 and 2017/18 in The Perth South West Region were for those employed in:

- » Health Care and Social Assistance (+7,588 local workers)
- » Education and Training (+5,427 local workers)
- » Manufacturing (-4,091 local workers)
- » Construction (+3,187 local workers)

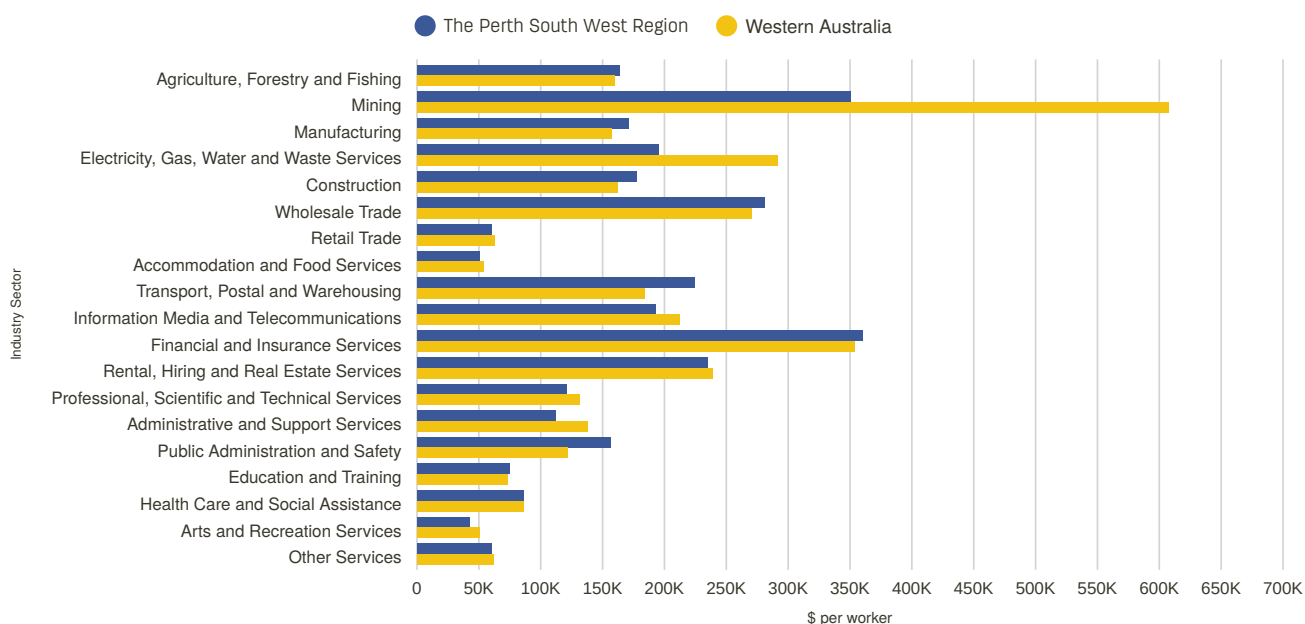




## Employment (Census) by Industry sector

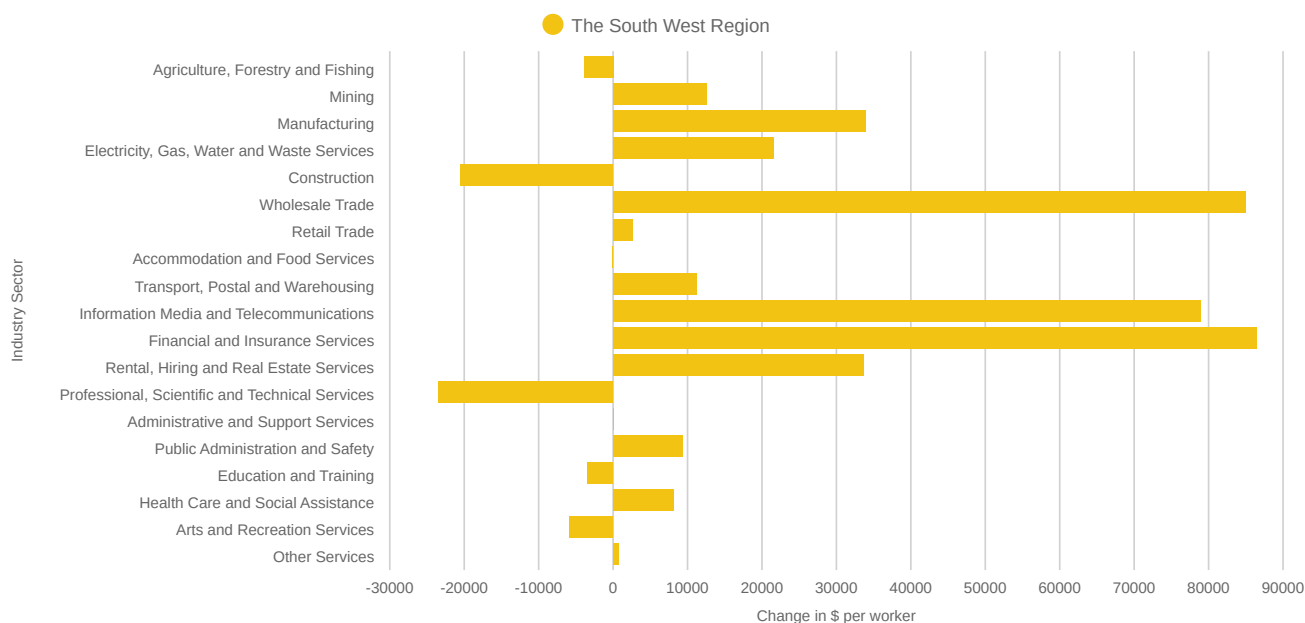
Employment (Census) by industry sector							
The Perth South West Region	2016			2011			Change
Industry Sector	Number	%	Western Australia %	\$m	%	Western Australia %	2011 to 2016
Agriculture, Forestry and Fishing	1,166	0.8	2.5	893	0.7	2.4	+273
Mining	2,414	1.6	6.6	1,778	1.3	6.4	+636
Manufacturing	13,188	8.7	5.6	17,442	13.1	8.2	-4,254
Electricity, Gas, Water and Waste Services	1,891	1.3	1.2	1,411	1.1	1.1	+480
Construction	13,227	8.8	9.9	12,196	9.2	10.4	+1,031
Wholesale Trade	4,047	2.7	2.5	4,950	3.7	3.5	-903
Retail Trade	18,081	12.0	9.5	16,882	12.7	10.0	+1,199
Accommodation and Food Services	10,476	6.9	6.4	8,599	6.5	5.9	+1,877
Transport, Postal and Warehousing	6,939	4.6	4.6	6,553	4.9	4.6	+386
Information Media and Telecommunications	925	0.6	1.0	758	0.6	1.1	+167
Financial and Insurance Services	2,068	1.4	2.3	1,787	1.3	2.5	+281
Rental, Hiring and Real Estate Services	2,671	1.8	1.7	2,389	1.8	1.7	+282
Professional, Scientific and Technical Services	7,144	4.7	6.4	6,695	5.0	7.2	+449
Administrative and Support Services	3,454	2.3	3.3	3,128	2.4	3.1	+326
Public Administration and Safety	9,841	6.5	6.2	7,901	6.0	6.2	+1,940
Education and Training	15,363	10.2	8.7	12,935	9.7	8.0	+2,428
Health Care and Social Assistance	22,274	14.7	11.7	16,799	12.7	10.3	+5,475
Arts and Recreation Services	2,295	1.5	1.6	1,725	1.3	1.3	+570
Other Services	5,941	3.9	3.9	4,914	3.7	3.9	+1,027
Industry not classified	7,700	5.1	4.6	3,026	2.3	2.2	+4,674
<b>Total [genders]</b>	<b>151,105</b>	<b>100.0</b>	<b>100.0</b>	<b>132,761</b>	<b>100.0</b>	<b>100.0</b>	<b>+18,344</b>

## Productivity per worker (annual) by industry 2017/18



Productivity per worker (annual) by industry 2017/18

## Change in productivity per worker (annual) by industry 2012/13 to 2017/18



Change in productivity per worker (annual) by industry 2012/13 to 2017/18





## Commentary: worker productivity

An analysis of the worker productivity by industry sectors in The Perth South West Region in 2017/18 shows the three highest industries were:

- » Financial and Insurance Services (\$360,184)
- » Mining (\$350,345)
- » Wholesale Trade (\$280,882)

In comparison, the same three industries in Western Australia were for \$353,837 in Financial and Insurance Services; \$607,059 in Mining; and \$270,738 in Wholesale Trade.

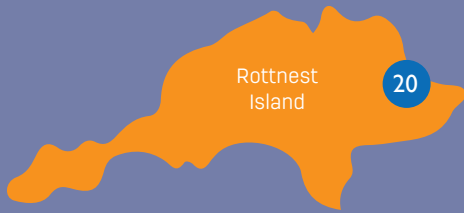
The major differences between worker productivity by industries in The Perth South West Region and Western Australia were:

- » Higher worker productivity in Transport, Postal and Warehousing (\$223,228 compared to \$184,113)
- » Higher worker productivity in Public Administration and Safety (\$156,503 compared to \$121,319)
- » Lower worker productivity in Mining (\$350,345 compared to \$607,059)
- » Lower worker productivity in Electricity, Gas, Water and Waste Services (\$195,384 compared to \$291,722)

The total worker productivity by industry in The Perth South West Region increased by \$3,189 between 2012/13 and 2017/18.

The largest changes in worker productivity by industries between 2012/13 and 2017/18 in The Perth South West Region were for:

- » Financial and Insurance Services (+\$86,439)
- » Wholesale Trade (+\$85,016)
- » Information Media and Telecommunications (+\$78,945)
- » Manufacturing (+\$33,894)



## Employment locations

### South West Metropolitan Regio

#### Industrial precincts

##### Western Trade Coast

1. Kwinana Strategic Industrial Area
2. Australian Marine Complex
3. Rockingham Industry Zone
4. Latitude 32
5. Jandakot City
6. Bibra Lake Industrial Area
7. Myaree Mixed Business Zone
8. O'Conner Industrial and Commercial Area
9. Port Kennedy Business Park

#### Major activity centres

##### Strategic Metropolitan Centres

10. Fremantle
11. Rockingham

##### Secondary Centres

12. Booragoon
13. Cockburn Central
14. Kwinana

##### Specialised Centres

15. Murdoch

#### Infrastructure

##### Fremantle Port

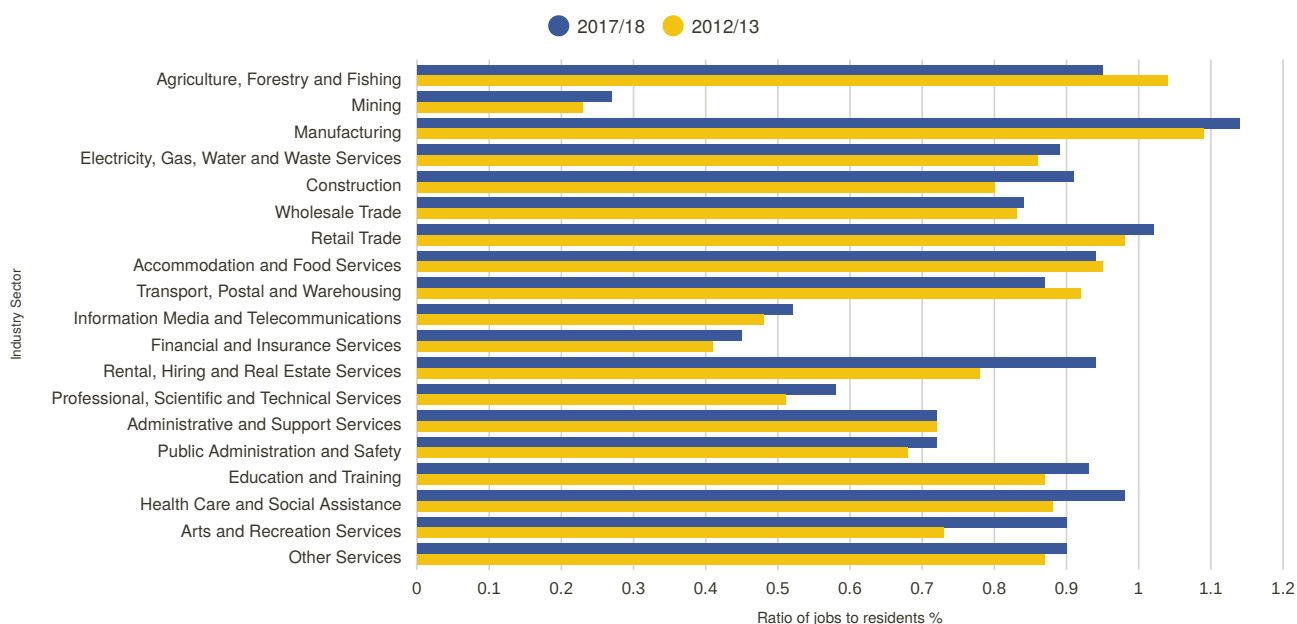
16. Inner Harbour
17. Outer Harbour
18. Jandakot Airport

#### Highlights

- » SWM Region is only:
  - » 15 minutes from the Perth CBD
  - » 25 minutes from Perth Airport.
- 19. HMAS Stirling
- 20. Rottne Island



## Employment capacity by industry 2017/18 and 2012/13



The Perth South West Region, employment capacity by industry 2017/18 and 2012/13

## Employment capacity by industry 2017/18



The Perth South West Region, employment capacity by industry 2017/18

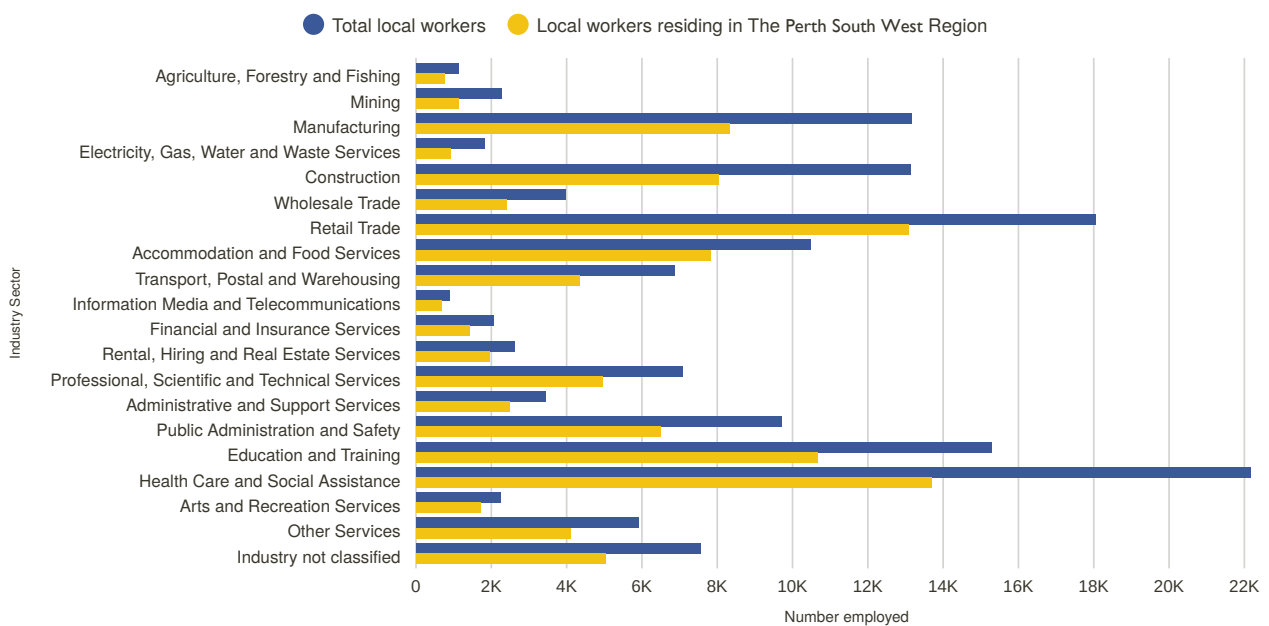
## Employment capacity by industry 2017/18

Employment self-sufficiency by industry							
The Perth South West Region	2016			2011			Change
Industry	Total local workers	Local workers residing in The Perth South West Region	% industry self-sufficiency	Total local workers	Local workers residing in The Perth South West Region	% industry self-sufficiency	2011 to 2016
Agriculture, Forestry and Fishing	1,124	764	68.0	865	654	75.6	-7.6
Mining	2,279	1,123	49.3	1,637	941	57.5	-8.2
Manufacturing	13,150	8,338	63.4	17,308	11,361	65.6	-2.2
Electricity, Gas, Water and Waste Services	1,809	906	50.1	1,343	701	52.2	-2.1
Construction	13,142	8,046	61.2	12,040	7,518	62.4	-1.2
Wholesale Trade	3,979	2,401	60.3	4,842	3,146	65.0	-4.6
Retail Trade	18,036	13,071	72.5	16,811	12,638	75.2	-2.7
Accommodation and Food Services	10,472	7,830	74.8	8,487	6,511	76.7	-1.9
Transport, Postal and Warehousing	6,876	4,348	63.2	6,381	4,266	66.9	-3.6
Information Media and Telecommunications	900	689	76.6	707	515	72.8	+3.7
Financial and Insurance Services	2,056	1,432	69.6	1,790	1,295	72.3	-2.7
Rental, Hiring and Real Estate Services	2,628	1,961	74.6	2,332	1,827	78.3	-3.7
Professional, Scientific and Technical Services	7,074	4,956	70.1	6,630	4,639	70.0	+0.1
Administrative and Support Services	3,435	2,471	71.9	3,070	2,213	72.1	-0.2
Public Administration and Safety	9,704	6,500	67.0	7,845	5,619	71.6	-4.6
Education and Training	15,293	10,652	69.7	12,844	8,974	69.9	-0.2
Health Care and Social Assistance	22,153	13,699	61.8	16,729	11,466	68.5	-6.7
Arts and Recreation Services	2,257	1,720	76.2	1,685	1,311	77.8	-1.6
Other Services	5,912	4,099	69.3	4,881	3,553	72.8	-3.5
Industry not classified	7,545	5,022	66.6	2,965	2,075	70.0	-3.4
<b>Total industries</b>	<b>150,814</b>	<b>99,952</b>	<b>66.3</b>	<b>132,278</b>	<b>91,238</b>	<b>69.0</b>	<b>-2.7</b>





## Employment by self-sufficiency by industry



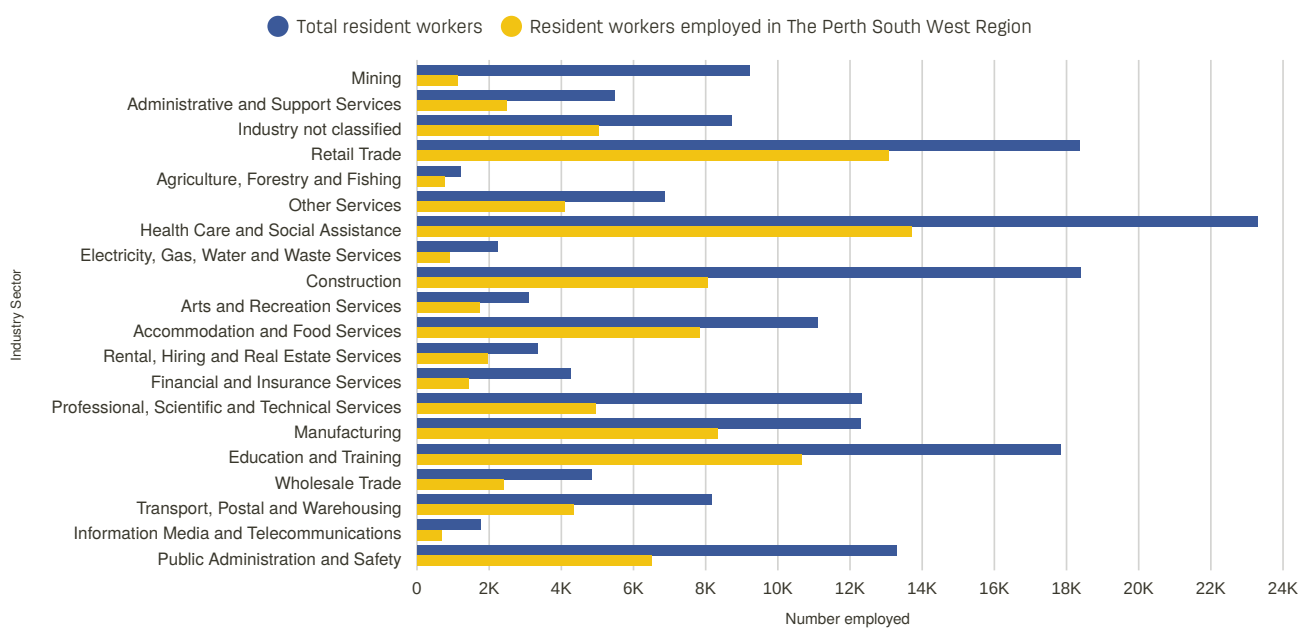
Employment self-sufficiency by industry 2016

## Employment by self-sufficiency by industry

Employment self-containment by industry							
The Perth South West Region	2016			2011			Change
Industry	Total resident workers	Resident workers employed in The Perth South West Region	% resident workers employed in The Perth South West Region	Total resident workers	Resident workers employed in The Perth South West Region	% resident workers employed in The Perth South West Region	2011 to 2016
Mining	9,228	1,123	12.2	7,359	941	12.8	-0.6
Administrative and Support Services	5,482	2,471	45.1	4,430	2,213	50.0	-4.9
Industry not classified	8,712	5,022	57.6	3,437	2,075	60.4	-2.7
Retail Trade	18,373	13,071	71.1	17,465	12,638	72.4	-1.2
Agriculture, Forestry and Fishing	1,209	764	63.2	838	654	78.0	-14.9
Other Services	6,865	4,099	59.7	5,796	3,553	61.3	-1.6
Health Care and Social Assistance	23,304	13,699	58.8	18,764	11,466	61.1	-2.3
Electricity, Gas, Water and Waste Services	2,236	906	40.5	1,864	701	37.6	+2.9
Construction	18,384	8,046	43.8	13,858	7,518	54.3	-10.5
Arts and Recreation Services	3,088	1,720	55.7	2,348	1,311	55.8	-0.1
Accommodation and Food Services	11,101	7,830	70.5	9,186	6,511	70.9	-0.3
Rental, Hiring and Real Estate Services	3,345	1,961	58.6	2,945	1,827	62.0	-3.4
Financial and Insurance Services	4,261	1,432	33.6	4,147	1,295	31.2	+2.4
Professional, Scientific and Technical Services	12,313	4,956	40.3	12,384	4,639	37.5	+2.8
Manufacturing	12,296	8,338	67.8	16,551	11,361	68.6	-0.8
Education and Training	17,836	10,652	59.7	14,763	8,974	60.8	-1.1
Wholesale Trade	4,828	2,401	49.7	6,158	3,146	51.1	-1.4
Transport, Postal and Warehousing	8,153	4,348	53.3	7,262	4,266	58.7	-5.4
Information Media and Telecommunications	1,751	689	39.3	1,575	515	32.7	+6.7
Public Administration and Safety	13,277	6,500	49.0	11,757	5,619	47.8	+1.2
Total industries	187,383	99,952	53.3	164,220	91,238	55.6	-2.2



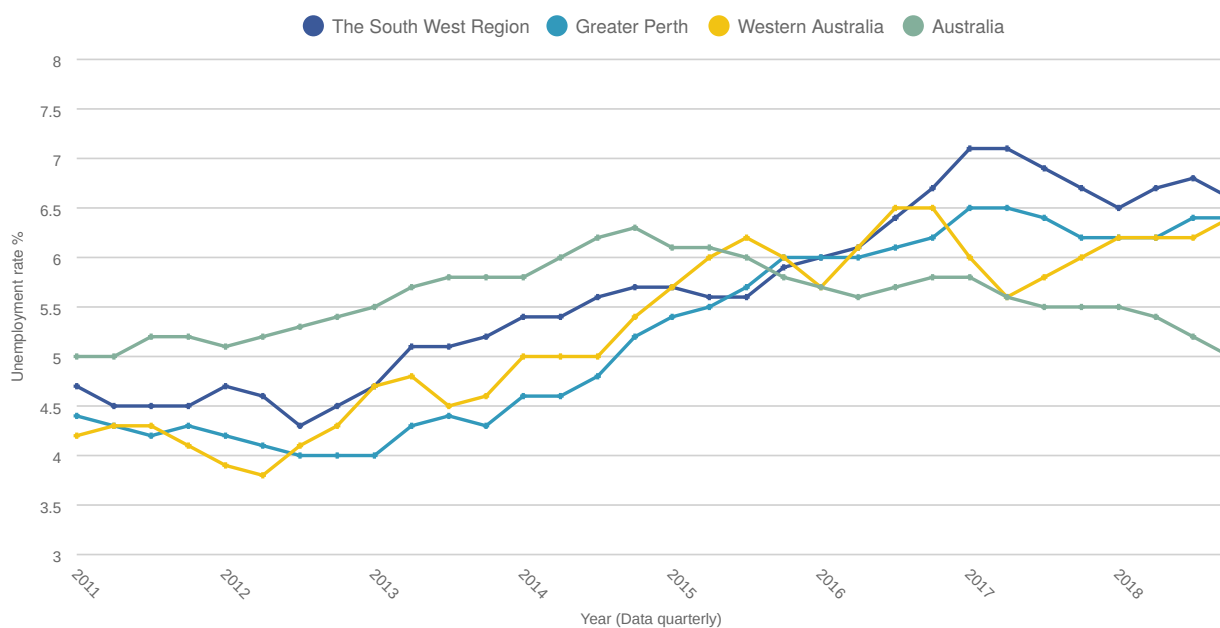
## Employment self-containment by industry



Employment self-containment by industry 2016

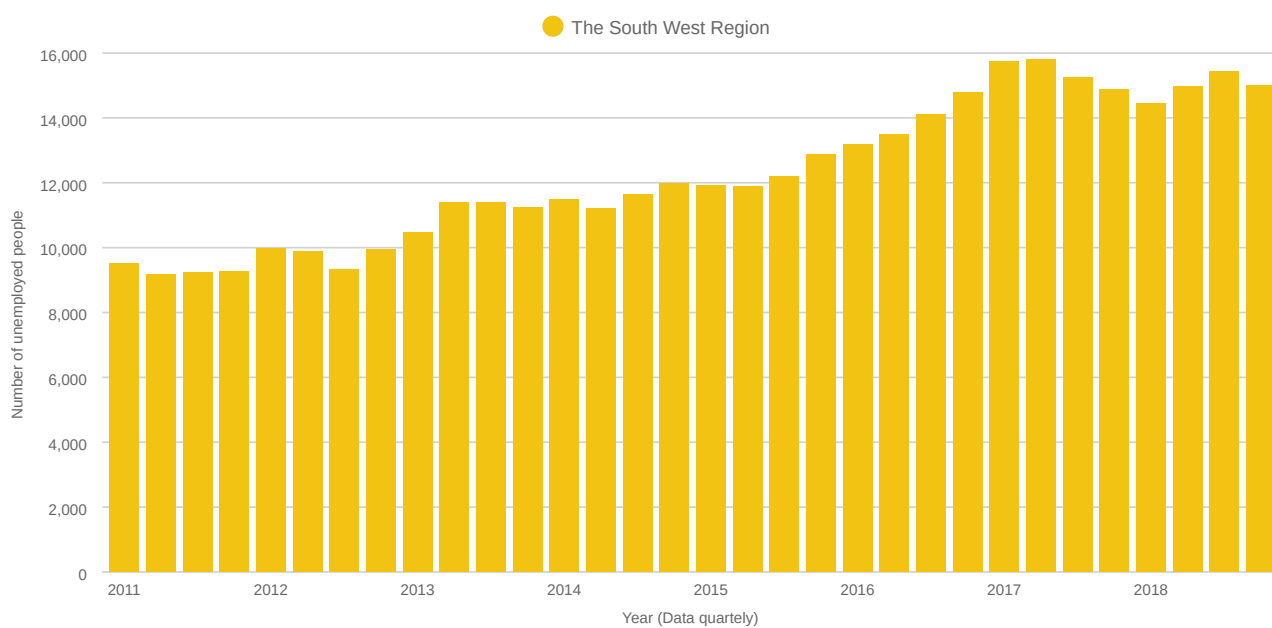


## Quarterly unemployment rate 2011 to 2018



Quarterly unemployment rate 2011 to 2018

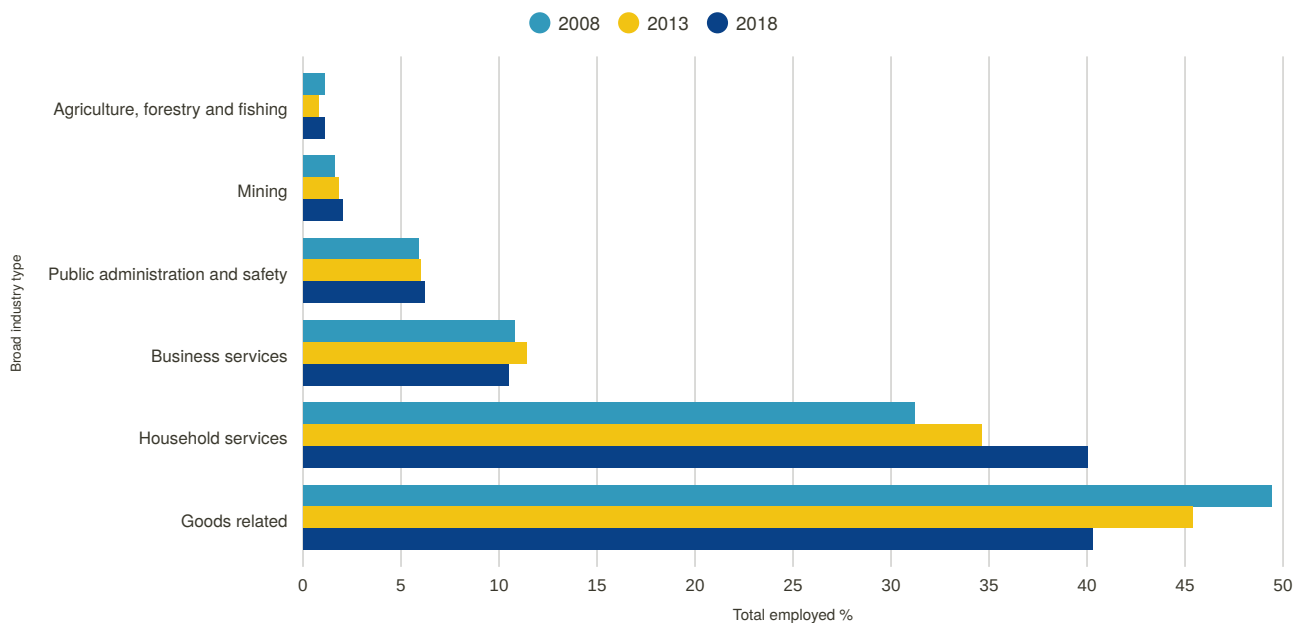
## Quarterly unemployment rate 2011 to 2018



Quarterly unemployment



## Employment composition



Employment composition



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