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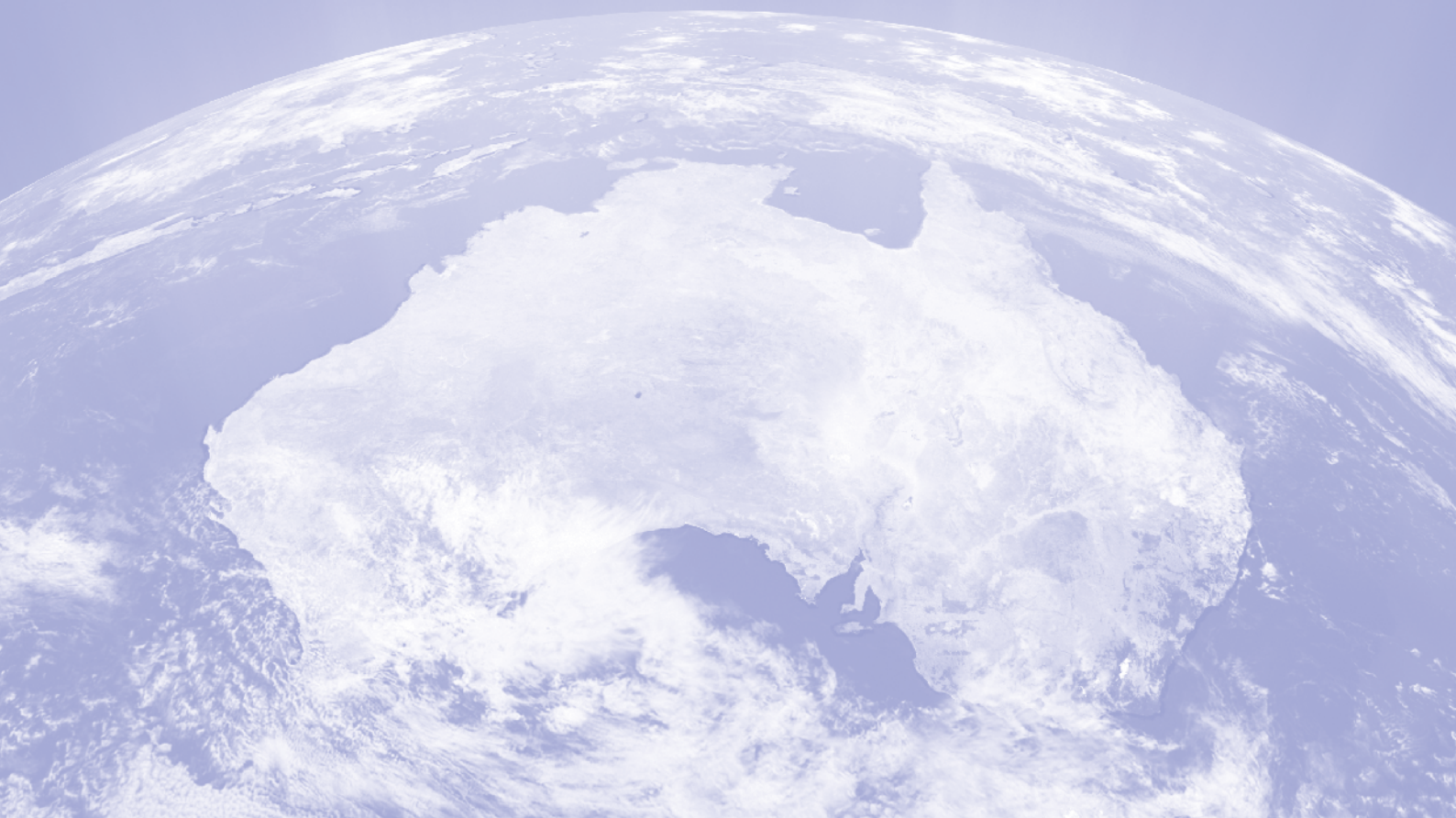
Yearbook 2018

Progress in Australian Regions



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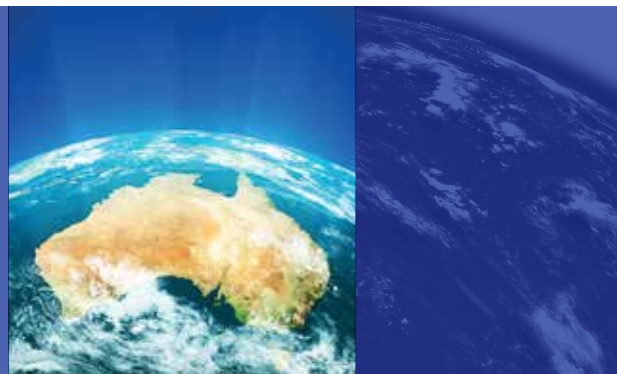
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Context 3: Industry and Innovation



The industries within a region provide the foundation of its economic activity. Businesses operating across a range of industries capitalise on a region's comparative and competitive advantage, generating income, providing jobs for locals and using the natural and human capital of the region.

To remain competitive, both domestically and internationally, and to lay the foundations for future growth, all industries are dependent on a variety of forms of innovation, both technological adaptation and process improvements. These different forms of innovation help ensure that an industry's needs can be met into the future, and that long term viability can be strengthened.

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C 3.1 Industry

C 3.1.1 Top employing industry

The industry that employs the most people in a region provides some useful context about the economic underpinnings of that region. This indicator presents the proportion of the top employing industry's employment to the region's total employment. This indicator is based on the place of usual residence of the employed person and not the work location.

Table C 3.1.1.a Top employing industry by sub-state region

Sub-State Region	Top employing industry	Employment per cent
		2007
New South Wales	Retail Trade	11.3
Greater Sydney	Retail Trade	10.7
Central Coast	Retail Trade	13.6
Sydney - Baulkham Hills and Hawkesbury	Retail Trade	11.9
Sydney - Blacktown	Manufacturing	12.3
Sydney - City and Inner South	Professional, Scientific and Technical Services	12.7
Sydney - Eastern Suburbs	Professional, Scientific and Technical Services	14.9
Sydney - Inner South West	Transport, Postal and Warehousing	10.7
Sydney - Inner West	Health Care and Social Assistance	12.2
Sydney - North Sydney and Hornsby	Professional, Scientific and Technical Services	17.3
Sydney - Northern Beaches	Professional, Scientific and Technical Services	12.8
Sydney - Outer South West	Manufacturing	15.4
Sydney - Outer West and Blue Mountains	Education and Training	11.1
Sydney - Parramatta	Retail Trade	12.0
Sydney - Ryde	Professional, Scientific and Technical Services	12.6
Sydney - South West	Manufacturing	18.4
Sydney - Sutherland	Construction	10.9
Rest of New South Wales	Retail Trade	12.6
Capital Region	Construction	13.6
Central West	Agriculture, Forestry and Fishing	18.3
Coffs Harbour - Grafton	Retail Trade	19.4
Far West and Orana	Agriculture, Forestry and Fishing	14.7
Hunter Valley exc Newcastle	Retail Trade	13.9
Illawarra	Retail Trade	13.8
Mid North Coast	Retail Trade	15.5
Murray	Construction	15.0
New England and North West	Agriculture, Forestry and Fishing	17.6
Newcastle and Lake Macquarie	Health Care and Social Assistance	13.5
Richmond - Tweed	Agriculture, Forestry and Fishing	12.3
Riverina	Agriculture, Forestry and Fishing	13.5
Southern Highlands and Shoalhaven	Retail Trade	12.9
Victoria	Manufacturing	12.5
Greater Melbourne	Manufacturing	13.0
Melbourne - Inner	Professional, Scientific and Technical Services	16.6
Melbourne - Inner East	Professional, Scientific and Technical Services	15.1
Melbourne - Inner South	Professional, Scientific and Technical Services	12.7
Melbourne - North East	Manufacturing	12.6
Melbourne - North West	Manufacturing	13.5
Melbourne - Outer East	Manufacturing	16.3
Melbourne - South East	Manufacturing	19.6
Melbourne - West	Manufacturing	13.1
Mornington Peninsula	Manufacturing	15.0
Rest of Victoria	Retail Trade	11.8
Ballarat	Manufacturing	14.1
Bendigo	Health Care and Social Assistance	13.1
Geelong	Health Care and Social Assistance	12.0

(continued)

Top employing industry by sub-state region (continued)

<i>Sub-State Region</i>	<i>Top employing industry</i>	<i>Employment per cent</i>
<i>2007</i>		
Hume	Manufacturing	13.1
Latrobe - Gippsland	Retail Trade	14.4
North West	Agriculture, Forestry and Fishing	15.8
Shepparton	Manufacturing	15.2
Warrnambool and South West	Agriculture, Forestry and Fishing	22.5
Queensland	Retail Trade	12.4
Greater Brisbane	Retail Trade	11.9
Brisbane - East	Retail Trade	12.3
Brisbane - North	Retail Trade	11.4
Brisbane - South	Retail Trade	12.0
Brisbane - West	Professional, Scientific and Technical Services	14.6
Brisbane Inner City	Professional, Scientific and Technical Services	12.6
Ipswich	Manufacturing	16.4
Logan - Beaudesert	Retail Trade	15.7
Moreton Bay - North	Construction	12.9
Moreton Bay - South	Retail Trade	12.8
Rest of Queensland	Retail Trade	12.7
Cairns	Retail Trade	12.4
Darling Downs - Maranoa	Agriculture, Forestry and Fishing	25.7
Fitzroy	Construction	14.0
Gold Coast	Construction	14.7
Mackay	Construction	11.0
Queensland - Outback	Public Administration and Safety	20.3
Sunshine Coast	Retail Trade	16.6
Toowoomba	Retail Trade	12.3
Townsville	Retail Trade	12.5
Wide Bay	Agriculture, Forestry and Fishing	14.6
South Australia	Retail Trade	12.3
Greater Adelaide	Health Care and Social Assistance	12.5
Adelaide - Central and Hills	Health Care and Social Assistance	12.2
Adelaide - North	Manufacturing	14.6
Adelaide - South	Health Care and Social Assistance	14.9
Adelaide - West	Health Care and Social Assistance	11.1
Rest of South Australia	Agriculture, Forestry and Fishing	17.8
Barossa - Yorke - Mid North	Agriculture, Forestry and Fishing	16.2
South Australia - Outback	Health Care and Social Assistance	11.4
South Australia - South East	Agriculture, Forestry and Fishing	22.8
Western Australia	Retail Trade	11.3
Greater Perth	Retail Trade	11.5
Mandurah	Construction	15.3
Perth - Inner	Professional, Scientific and Technical Services	18.9
Perth - North East	Retail Trade	12.7
Perth - North West	Construction	11.8
Perth - South East	Retail Trade	11.4
Perth - South West	Retail Trade	12.2
Rest of Western Australia	Agriculture, Forestry and Fishing	14.1

(continued)

Top employing industry by sub-state region (continued)

<i>Sub-State Region</i>	<i>Top employing industry</i>	<i>Employment per cent</i>
2007		
Bunbury	Construction	16.3
Western Australia - Outback	Agriculture, Forestry and Fishing	12.1
Western Australia - Wheat Belt	Agriculture, Forestry and Fishing	23.5
Tasmania	Retail Trade	11.8
Greater Hobart	Health Care and Social Assistance	12.9
Rest of Tasmania	Retail Trade	12.5
Launceston and North East	Health Care and Social Assistance	12.5
South East	Agriculture, Forestry and Fishing	25.3
West and North West	Manufacturing	15.6
Northern Territory	Public Administration and Safety	14.7
Greater Darwin	Public Administration and Safety	15.7
Rest of Northern Territory	Accommodation and Food Services	15.7
Northern Territory - Outback	Accommodation and Food Services	15.7
Australian Capital Territory	Public Administration and Safety	29.3
Australian Capital Cities	Retail Trade	11.1
Australian Rest of States	Retail Trade	12.2
AUSTRALIA	Retail Trade	11.5

(continued)

Top employing industry by sub-state region (continued)

Sub-State Region	Top employing industry	Employment per cent
		2012
New South Wales	Health Care and Social Assistance	11.8
Greater Sydney	Health Care and Social Assistance	11.1
Central Coast	Retail Trade	14.6
Sydney - Baulkham Hills and Hawkesbury	Construction	11.5
Sydney - Blacktown	Manufacturing	14.2
Sydney - City and Inner South	Professional, Scientific and Technical Services	19.6
Sydney - Eastern Suburbs	Professional, Scientific and Technical Services	16.5
Sydney - Inner South West	Health Care and Social Assistance	11.4
Sydney - Inner West	Professional, Scientific and Technical Services	14.0
Sydney - North Sydney and Hornsby	Professional, Scientific and Technical Services	20.4
Sydney - Northern Beaches	Professional, Scientific and Technical Services	13.9
Sydney - Outer South West	Manufacturing	13.5
Sydney - Outer West and Blue Mountains	Retail Trade	11.1
Sydney - Parramatta	Health Care and Social Assistance	12.3
Sydney - Ryde	Professional, Scientific and Technical Services	14.9
Sydney - South West	Manufacturing	15.5
Sydney - Sutherland	Retail Trade	11.2
Rest of New South Wales	Health Care and Social Assistance	13.3
Capital Region	Public Administration and Safety	15.4
Central West	Retail Trade	13.5
Coffs Harbour - Grafton	Retail Trade	18.6
Far West and Orana	Agriculture, Forestry and Fishing	17.5
Hunter Valley exc Newcastle	Health Care and Social Assistance	12.7
Illawarra	Retail Trade	13.3
Mid North Coast	Health Care and Social Assistance	18.2
Murray	Agriculture, Forestry and Fishing	15.3
New England and North West	Retail Trade	14.2
Newcastle and Lake Macquarie	Health Care and Social Assistance	14.5
Richmond - Tweed	Health Care and Social Assistance	14.2
Riverina	Manufacturing	13.4
Southern Highlands and Shoalhaven	Health Care and Social Assistance	15.3
Victoria	Health Care and Social Assistance	11.6
Greater Melbourne	Health Care and Social Assistance	11.2
Melbourne - Inner	Professional, Scientific and Technical Services	17.2
Melbourne - Inner East	Professional, Scientific and Technical Services	14.8
Melbourne - Inner South	Professional, Scientific and Technical Services	15.3
Melbourne - North East	Health Care and Social Assistance	13.0
Melbourne - North West	Manufacturing	14.0
Melbourne - Outer East	Retail Trade	13.1
Melbourne - South East	Manufacturing	15.8
Melbourne - West	Transport, Postal and Warehousing	11.6
Mornington Peninsula	Retail Trade	14.1
Rest of Victoria	Health Care and Social Assistance	12.8
Ballarat	Health Care and Social Assistance	13.3
Bendigo	Health Care and Social Assistance	10.9
Geelong	Health Care and Social Assistance	13.4

(continued)

Top employing industry by sub-state region (continued)

<i>Sub-State Region</i>	<i>Top employing industry</i>	<i>Employment per cent</i>
2012		
Hume	Agriculture, Forestry and Fishing	14.9
Latrobe - Gippsland	Retail Trade	11.6
North West	Agriculture, Forestry and Fishing	20.8
Shepparton	Agriculture, Forestry and Fishing	15.7
Warrnambool and South West	Manufacturing	16.8
Queensland	Health Care and Social Assistance	12.2
Greater Brisbane	Health Care and Social Assistance	12.3
Brisbane - East	Health Care and Social Assistance	14.6
Brisbane - North	Health Care and Social Assistance	13.6
Brisbane - South	Health Care and Social Assistance	12.1
Brisbane - West	Professional, Scientific and Technical Services	17.0
Brisbane Inner City	Professional, Scientific and Technical Services	15.4
Ipswich	Manufacturing	13.3
Logan - Beaudesert	Manufacturing	12.1
Moreton Bay - North	Health Care and Social Assistance	13.1
Moreton Bay - South	Construction	11.0
Rest of Queensland	Health Care and Social Assistance	12.1
Cairns	Health Care and Social Assistance	12.5
Darling Downs - Maranoa	Agriculture, Forestry and Fishing	21.7
Fitzroy	Construction	13.0
Gold Coast	Retail Trade	14.0
Mackay	Mining	12.8
Queensland - Outback	Agriculture, Forestry and Fishing	20.9
Sunshine Coast	Health Care and Social Assistance	13.9
Toowoomba	Health Care and Social Assistance	15.8
Townsville	Health Care and Social Assistance	12.4
Wide Bay	Health Care and Social Assistance	14.1
South Australia	Health Care and Social Assistance	13.5
Greater Adelaide	Health Care and Social Assistance	14.3
Adelaide - Central and Hills	Health Care and Social Assistance	14.2
Adelaide - North	Health Care and Social Assistance	13.7
Adelaide - South	Health Care and Social Assistance	14.9
Adelaide - West	Health Care and Social Assistance	14.3
Rest of South Australia	Agriculture, Forestry and Fishing	17.4
Barossa - Yorke - Mid North	Agriculture, Forestry and Fishing	16.4
South Australia - Outback	Agriculture, Forestry and Fishing	17.3
South Australia - South East	Agriculture, Forestry and Fishing	17.9
Western Australia	Health Care and Social Assistance	10.9
Greater Perth	Health Care and Social Assistance	11.0
Mandurah	Construction	13.4
Perth - Inner	Professional, Scientific and Technical Services	14.6
Perth - North East	Health Care and Social Assistance	11.9
Perth - North West	Construction	12.0
Perth - South East	Retail Trade	9.9
Perth - South West	Retail Trade	11.6
Rest of Western Australia	Mining	15.1

(continued)

Top employing industry by sub-state region (continued)

<i>Sub-State Region</i>	<i>Top employing industry</i>	<i>Employment per cent</i>
2012		
Bunbury	Construction	15.6
Western Australia - Outback	Mining	24.1
Western Australia - Wheat Belt	Agriculture, Forestry and Fishing	28.9
Tasmania	Health Care and Social Assistance	14.7
Greater Hobart	Health Care and Social Assistance	15.4
Rest of Tasmania	Health Care and Social Assistance	14.2
Launceston and North East	Health Care and Social Assistance	14.5
South East	Health Care and Social Assistance	11.9
West and North West	Health Care and Social Assistance	14.5
Northern Territory	Public Administration and Safety	13.7
Greater Darwin	Public Administration and Safety	14.2
Rest of Northern Territory	Health Care and Social Assistance	13.5
Northern Territory - Outback	Health Care and Social Assistance	13.5
Australian Capital Territory	Public Administration and Safety	31.1
Australian Capital Cities	Health Care and Social Assistance	11.6
Australian Rest of States	Health Care and Social Assistance	12.5
AUSTRALIA	Health Care and Social Assistance	11.9

(continued)

Top employing industry by sub-state region (continued)

Sub-State Region	Top employing industry	Employment per cent
		2017
New South Wales	Health Care and Social Assistance	13.1
Greater Sydney	Professional, Scientific and Technical Services	11.9
Central Coast	Health Care and Social Assistance	16.4
Sydney - Baulkham Hills and Hawkesbury	Professional, Scientific and Technical Services	12.6
Sydney - Blacktown	Health Care and Social Assistance	13.0
Sydney - City and Inner South	Professional, Scientific and Technical Services	18.8
Sydney - Eastern Suburbs	Professional, Scientific and Technical Services	19.5
Sydney - Inner South West	Health Care and Social Assistance	12.6
Sydney - Inner West	Professional, Scientific and Technical Services	15.0
Sydney - North Sydney and Hornsby	Professional, Scientific and Technical Services	21.6
Sydney - Northern Beaches	Professional, Scientific and Technical Services	14.1
Sydney - Outer South West	Health Care and Social Assistance	12.0
Sydney - Outer West and Blue Mountains	Health Care and Social Assistance	10.8
Sydney - Parramatta	Construction	11.6
Sydney - Ryde	Health Care and Social Assistance	14.9
Sydney - South West	Manufacturing	16.3
Sydney - Sutherland	Construction	14.3
Rest of New South Wales	Health Care and Social Assistance	15.7
Capital Region	Health Care and Social Assistance	15.3
Central West	Health Care and Social Assistance	16.0
Coffs Harbour - Grafton	Health Care and Social Assistance	15.5
Far West and Orana	Agriculture, Forestry and Fishing	17.9
Hunter Valley exc Newcastle	Retail Trade	11.7
Illawarra	Health Care and Social Assistance	15.8
Mid North Coast	Health Care and Social Assistance	19.5
Murray	Manufacturing	12.6
New England and North West	Health Care and Social Assistance	17.8
Newcastle and Lake Macquarie	Health Care and Social Assistance	17.5
Richmond - Tweed	Health Care and Social Assistance	17.2
Riverina	Health Care and Social Assistance	13.3
Southern Highlands and Shoalhaven	Health Care and Social Assistance	19.6
Victoria	Health Care and Social Assistance	13.1
Greater Melbourne	Health Care and Social Assistance	12.9
Melbourne - Inner	Professional, Scientific and Technical Services	17.6
Melbourne - Inner East	Health Care and Social Assistance	14.1
Melbourne - Inner South	Professional, Scientific and Technical Services	13.5
Melbourne - North East	Health Care and Social Assistance	15.1
Melbourne - North West	Health Care and Social Assistance	11.6
Melbourne - Outer East	Retail Trade	13.1
Melbourne - South East	Health Care and Social Assistance	12.7
Melbourne - West	Health Care and Social Assistance	11.3
Mornington Peninsula	Health Care and Social Assistance	16.8
Rest of Victoria	Health Care and Social Assistance	13.9
Ballarat	Health Care and Social Assistance	13.3
Bendigo	Health Care and Social Assistance	18.5
Geelong	Health Care and Social Assistance	15.9

(continued)

Top employing industry by sub-state region (continued)

<i>Sub-State Region</i>	<i>Top employing industry</i>	<i>Employment per cent</i>
<i>2017</i>		
Hume	Manufacturing	12.6
Latrobe - Gippsland	Agriculture, Forestry and Fishing	15.2
North West	Health Care and Social Assistance	15.1
Shepparton	Agriculture, Forestry and Fishing	20.1
Warrnambool and South West	Agriculture, Forestry and Fishing	29.0
Queensland	Health Care and Social Assistance	13.6
Greater Brisbane	Health Care and Social Assistance	13.5
Brisbane - East	Construction	15.9
Brisbane - North	Health Care and Social Assistance	17.2
Brisbane - South	Health Care and Social Assistance	14.6
Brisbane - West	Health Care and Social Assistance	14.8
Brisbane Inner City	Health Care and Social Assistance	14.3
Ipswich	Health Care and Social Assistance	13.3
Logan - Beaudesert	Construction	12.1
Moreton Bay - North	Construction	13.2
Moreton Bay - South	Health Care and Social Assistance	12.6
Rest of Queensland	Health Care and Social Assistance	13.7
Cairns	Health Care and Social Assistance	12.8
Darling Downs - Maranoa	Health Care and Social Assistance	12.5
Fitzroy	Health Care and Social Assistance	13.9
Gold Coast	Health Care and Social Assistance	13.2
Mackay	Mining	14.3
Queensland - Outback	Mining	21.0
Sunshine Coast	Construction	15.5
Toowoomba	Health Care and Social Assistance	15.5
Townsville	Health Care and Social Assistance	16.0
Wide Bay	Health Care and Social Assistance	15.0
South Australia	Health Care and Social Assistance	15.6
Greater Adelaide	Health Care and Social Assistance	16.4
Adelaide - Central and Hills	Health Care and Social Assistance	16.8
Adelaide - North	Health Care and Social Assistance	14.5
Adelaide - South	Health Care and Social Assistance	18.4
Adelaide - West	Health Care and Social Assistance	16.2
Rest of South Australia	Agriculture, Forestry and Fishing	15.4
Barossa - Yorke - Mid North	Manufacturing	15.0
South Australia - Outback	Health Care and Social Assistance	15.1
South Australia - South East	Agriculture, Forestry and Fishing	17.2
Western Australia	Health Care and Social Assistance	12.1
Greater Perth	Health Care and Social Assistance	13.0
Mandurah	Retail Trade	14.7
Perth - Inner	Professional, Scientific and Technical Services	13.9
Perth - North East	Construction	12.1
Perth - North West	Health Care and Social Assistance	13.5
Perth - South East	Health Care and Social Assistance	12.7
Perth - South West	Health Care and Social Assistance	13.5
Rest of Western Australia	Construction	10.9

(continued)

Top employing industry by sub-state region (continued)

<i>Sub-State Region</i>	<i>Top employing industry</i>	<i>Employment per cent</i>
2017		
Bunbury	Construction	13.1
Western Australia - Outback	Mining	19.1
Western Australia - Wheat Belt	Agriculture, Forestry and Fishing	25.5
Tasmania	Health Care and Social Assistance	15.6
Greater Hobart	Health Care and Social Assistance	15.9
Rest of Tasmania	Health Care and Social Assistance	15.3
Launceston and North East	Health Care and Social Assistance	16.7
South East	Agriculture, Forestry and Fishing	17.6
West and North West	Health Care and Social Assistance	14.9
Northern Territory	Public Administration and Safety	14.7
Greater Darwin	Public Administration and Safety	12.7
Rest of Northern Territory	Health Care and Social Assistance	19.2
Northern Territory - Outback	Health Care and Social Assistance	19.2
Australian Capital Territory	Public Administration and Safety	26.9
Australian Capital Cities	Health Care and Social Assistance	12.9
Australian Rest of States	Health Care and Social Assistance	14.1
AUSTRALIA	Health Care and Social Assistance	13.2

Source: ABS 2018, Labour Force, Australia, Detailed, Quarterly, May 2018 (cat. no. 6291.0.55.003)

Sub-state regions are SA4 (2011 ASGS).

Annual figure is calculated as an average across the four quarter months of the calendar year.

C 3.1.2 Main growth and decline industry

The industry sector that accounts for the largest increase (or decrease) in employed persons in a region provides useful context about the recent drivers of economic change in the region. This is a very high-level summary of changes in the industry base of the regions and how these changes are distributed across the 19 broad industry sectors.⁶⁹ This indicator is based on the place of usual residence of the employed person and not the location at which they work.

⁶⁹ ABS 2013, *Australian and New Zealand Standard Industrial Classification, (ANZSIC), 2006 (Revision 2.0)* (cat. no. 1292.0), Canberra.

Table C 3.1.2.a Main growth and decline industries sub-state region

Sub-State Region	Industry	2012-2017	change persons
		Growth	
New South Wales	Health Care and Social Assistance		88,276
Greater Sydney	Construction		52,741
Central Coast	Health Care and Social Assistance		8,249
Sydney - Baulkham Hills and Hawkesbury	Professional, Scientific and Technical Services		5,289
Sydney - Blacktown	Retail Trade		5,891
Sydney - City and Inner South	Retail Trade		9,208
Sydney - Eastern Suburbs	Professional, Scientific and Technical Services		7,991
Sydney - Inner South West	Construction		7,310
Sydney - Inner West	Professional, Scientific and Technical Services		5,352
Sydney - North Sydney and Hornsby	Education and Training		5,283
Sydney - Northern Beaches	Health Care and Social Assistance		3,408
Sydney - Outer South West	Construction		4,673
Sydney - Outer West and Blue Mountains	Public Administration and Safety		3,619
Sydney - Parramatta	Construction		9,346
Sydney - Ryde	Health Care and Social Assistance		4,324
Sydney - South West	Construction		8,500
Sydney - Sutherland	Construction		7,689
Rest of New South Wales	Health Care and Social Assistance		38,864
Capital Region	Other Services		2,260
Central West	Health Care and Social Assistance		5,140
Coffs Harbour - Grafton	Accommodation and Food Services		3,316
Far West and Orana	Retail Trade		4,052
Hunter Valley exc Newcastle	Education and Training		4,350
Illawarra	Health Care and Social Assistance		7,771
Mid North Coast	Education and Training		8,057
Murray	Manufacturing		1,761
New England and North West	Health Care and Social Assistance		5,565
Newcastle and Lake Macquarie	Health Care and Social Assistance		7,972
Richmond - Tweed	Education and Training		4,009
Riverina	Accommodation and Food Services		3,288
Southern Highlands and Shoalhaven	Administrative and Support Services		1,290
Victoria	Health Care and Social Assistance		93,242
Greater Melbourne	Health Care and Social Assistance		78,252
Melbourne - Inner	Professional, Scientific and Technical Services		12,422
Melbourne - Inner East	Retail Trade		5,519
Melbourne - Inner South	Retail Trade		3,764
Melbourne - North East	Health Care and Social Assistance		11,459
Melbourne - North West	Education and Training		8,402
Melbourne - Outer East	Professional, Scientific and Technical Services		5,969
Melbourne - South East	Health Care and Social Assistance		15,031
Melbourne - West	Accommodation and Food Services		15,380
Mornington Peninsula	Health Care and Social Assistance		9,369
Rest of Victoria	Agriculture, Forestry and Fishing		18,917
Ballarat	Agriculture, Forestry and Fishing		6,144
Bendigo	Health Care and Social Assistance		4,662

(continued)

Main growth and decline industries sub-state region (continued)

Sub-State Region	Industry	2012-2017	change persons
		Growth	
Geelong	Education and Training		6,861
Hume	Construction		3,453
Latrobe - Gippsland	Agriculture, Forestry and Fishing		7,814
North West	Accommodation and Food Services		4,335
Shepparton	Agriculture, Forestry and Fishing		3,731
Warrnambool and South West	Agriculture, Forestry and Fishing		13,130
Queensland	Health Care and Social Assistance		50,278
Greater Brisbane	Health Care and Social Assistance		25,819
Brisbane - East	Construction		7,290
Brisbane - North	Health Care and Social Assistance		4,853
Brisbane - South	Health Care and Social Assistance		7,222
Brisbane - West	Retail Trade		4,171
Brisbane Inner City	Retail Trade		6,958
Ipswich	Health Care and Social Assistance		4,784
Logan - Beaudesert	Construction		3,466
Moreton Bay - North	Construction		5,278
Moreton Bay - South	Public Administration and Safety		4,259
Rest of Queensland	Health Care and Social Assistance		24,459
Cairns	Manufacturing		3,404
Darling Downs - Maranoa	Accommodation and Food Services		2,113
Fitzroy	Health Care and Social Assistance		3,714
Gold Coast	Health Care and Social Assistance		10,711
Mackay	Agriculture, Forestry and Fishing		4,930
Queensland - Outback	Mining		4,424
Sunshine Coast	Construction		9,014
Toowoomba	Agriculture, Forestry and Fishing		4,539
Townsville	Public Administration and Safety		6,119
Wide Bay	Financial and Insurance Services		1,154
South Australia	Health Care and Social Assistance		20,263
Greater Adelaide	Health Care and Social Assistance		16,481
Adelaide - Central and Hills	Health Care and Social Assistance		6,037
Adelaide - North	Transport, Postal and Warehousing		3,186
Adelaide - South	Health Care and Social Assistance		5,422
Adelaide - West	Health Care and Social Assistance		2,366
Rest of South Australia	Health Care and Social Assistance		3,782
Barossa - Yorke - Mid North	Manufacturing		1,598
South Australia - Outback	Public Administration and Safety		1,726
South Australia - South East	Health Care and Social Assistance		3,585
Western Australia	Accommodation and Food Services		25,033
Greater Perth	Health Care and Social Assistance		22,069
Mandurah	Retail Trade		1,835
Perth - Inner	Education and Training		2,198
Perth - North East	Construction		3,820
Perth - North West	Health Care and Social Assistance		8,744
Perth - South East	Health Care and Social Assistance		9,242

(continued)

Main growth and decline industries sub-state region (continued)

Sub-State Region	Industry	2012-2017	change persons
		Growth	
Perth - South West	Accommodation and Food Services		5,612
Rest of Western Australia	Accommodation and Food Services		8,059
Bunbury	Agriculture, Forestry and Fishing		6,232
Western Australia - Outback	Education and Training		3,049
Western Australia - Wheat Belt	Construction		3,493
Tasmania	Health Care and Social Assistance		3,779
Greater Hobart	Construction		3,266
Rest of Tasmania	Health Care and Social Assistance		2,380
Launceston and North East	Health Care and Social Assistance		1,566
South East	Agriculture, Forestry and Fishing		1,186
West and North West	Retail Trade		1,373
Northern Territory	Health Care and Social Assistance		4,570
Greater Darwin	Accommodation and Food Services		2,794
Rest of Northern Territory	Health Care and Social Assistance		3,079
Northern Territory - Outback	Health Care and Social Assistance		3,079
Australian Capital Territory	Accommodation and Food Services		5,628
Australian Capital Cities	Health Care and Social Assistance		199,166
Australian Rest of States	Health Care and Social Assistance		83,144
AUSTRALIA	Health Care and Social Assistance		282,310

(continued)

Main growth and decline industries sub-state region (continued)

Sub-State Region	Industry	2012-2017	change persons
		Decline	
New South Wales	Manufacturing		-15,717
Greater Sydney	Information Media and Telecommunications		-4,109
Central Coast	Manufacturing		-2,289
Sydney - Baulkham Hills and Hawkesbury	Manufacturing		-2,233
Sydney - Blacktown	Financial and Insurance Services		-4,492
Sydney - City and Inner South	Administrative and Support Services		-2,591
Sydney - Eastern Suburbs	Administrative and Support Services		-2,733
Sydney - Inner South West	Administrative and Support Services		-1,081
Sydney - Inner West	Administrative and Support Services		-2,751
Sydney - North Sydney and Hornsby	Information Media and Telecommunications		-4,713
Sydney - Northern Beaches	Construction		-3,909
Sydney - Outer South West	Public Administration and Safety		-1,130
Sydney - Outer West and Blue Mountains	Accommodation and Food Services		-2,405
Sydney - Parramatta	Manufacturing		-3,365
Sydney - Ryde	Retail Trade		-2,003
Sydney - South West	Public Administration and Safety		-2,534
Sydney - Sutherland	Manufacturing		-4,861
Rest of New South Wales	Manufacturing		-18,471
Capital Region	Public Administration and Safety		-3,672
Central West	Construction		-3,326
Coffs Harbour - Grafton	Retail Trade		-4,817
Far West and Orana	Professional, Scientific and Technical Services		-1,669
Hunter Valley exc Newcastle	Manufacturing		-6,826
Illawarra	Manufacturing		-4,183
Mid North Coast	Mining		-899
Murray	Agriculture, Forestry and Fishing		-2,933
New England and North West	Retail Trade		-5,781
Newcastle and Lake Macquarie	Administrative and Support Services		-2,466
Richmond - Tweed	Agriculture, Forestry and Fishing		-3,862
Riverina	Retail Trade		-2,214
Southern Highlands and Shoalhaven	Manufacturing		-3,851
Victoria	Wholesale Trade		-24,572
Greater Melbourne	Wholesale Trade		-16,767
Melbourne - Inner	Arts and Recreation Services		-2,051
Melbourne - Inner East	Information Media and Telecommunications		-2,650
Melbourne - Inner South	Manufacturing		-6,752
Melbourne - North East	Wholesale Trade		-3,279
Melbourne - North West	Manufacturing		-4,437
Melbourne - Outer East	Wholesale Trade		-7,659
Melbourne - South East	Manufacturing		-4,898
Melbourne - West	Transport, Postal and Warehousing		-766
Mornington Peninsula	Rental, Hiring and Real Estate Services		-1,164
Rest of Victoria	Wholesale Trade		-7,805
Ballarat	Manufacturing		-1,905
Bendigo	Agriculture, Forestry and Fishing		-4,336

(continued)

Main growth and decline industries sub-state region (continued)

Sub-State Region	Industry	2012-2017	change persons
		Decline	
Geelong	Retail Trade		-4,224
Hume	Agriculture, Forestry and Fishing		-6,539
Latrobe - Gippsland	Professional, Scientific and Technical Services		-3,168
North West	Manufacturing		-2,767
Shepparton	Manufacturing		-2,003
Warrnambool and South West	Manufacturing		-4,794
Queensland	Agriculture, Forestry and Fishing		-12,897
Greater Brisbane	Manufacturing		-9,299
Brisbane - East	Health Care and Social Assistance		-3,605
Brisbane - North	Construction		-1,872
Brisbane - South	Wholesale Trade		-2,823
Brisbane - West	Professional, Scientific and Technical Services		-5,724
Brisbane Inner City	Manufacturing		-1,733
Ipswich	Manufacturing		-3,155
Logan - Beaudesert	Financial and Insurance Services		-2,285
Moreton Bay - North	Electricity, Gas, Water and Waste Services		-2,365
Moreton Bay - South	Professional, Scientific and Technical Services		-2,729
Rest of Queensland	Agriculture, Forestry and Fishing		-12,129
Cairns	Agriculture, Forestry and Fishing		-5,005
Darling Downs - Maranoa	Agriculture, Forestry and Fishing		-7,698
Fitzroy	Construction		-5,693
Gold Coast	Wholesale Trade		-2,098
Mackay	Transport, Postal and Warehousing		-2,436
Queensland - Outback	Agriculture, Forestry and Fishing		-5,620
Sunshine Coast	Rental, Hiring and Real Estate Services		-2,692
Toowoomba	Retail Trade		-2,039
Townsville	Agriculture, Forestry and Fishing		-5,376
Wide Bay	Education and Training		-3,644
South Australia	Wholesale Trade		-4,876
Greater Adelaide	Wholesale Trade		-3,907
Adelaide - Central and Hills	Manufacturing		-2,356
Adelaide - North	Accommodation and Food Services		-2,950
Adelaide - South	Professional, Scientific and Technical Services		-4,411
Adelaide - West	Construction		-4,037
Rest of South Australia	Agriculture, Forestry and Fishing		-3,026
Barossa - Yorke - Mid North	Agriculture, Forestry and Fishing		-1,228
South Australia - Outback	Agriculture, Forestry and Fishing		-1,666
South Australia - South East	Construction		-1,394
Western Australia	Mining		-26,962
Greater Perth	Manufacturing		-17,789
Mandurah	Education and Training		-1,383
Perth - Inner	Manufacturing		-1,357
Perth - North East	Education and Training		-2,736
Perth - North West	Mining		-5,990
Perth - South East	Public Administration and Safety		-4,661

(continued)

Main growth and decline industries sub-state region (continued)

Sub-State Region	Industry	2012-2017	change persons
		<i>Decline</i>	
Perth - South West	Manufacturing		-5,423
Rest of Western Australia	Mining		-12,620
Bunbury	Manufacturing		-6,059
Western Australia - Outback	Mining		-7,214
Western Australia - Wheat Belt	Mining		-1,759
Tasmania	Education and Training		-1,771
Greater Hobart	Public Administration and Safety		-1,638
Rest of Tasmania	Accommodation and Food Services		-1,354
Launceston and North East	Wholesale Trade		-944
South East	Transport, Postal and Warehousing		-292
West and North West	Accommodation and Food Services		-1,388
Northern Territory	Agriculture, Forestry and Fishing		-2,866
Greater Darwin	Wholesale Trade		-481
Rest of Northern Territory	Agriculture, Forestry and Fishing		-3,324
Northern Territory - Outback	Agriculture, Forestry and Fishing		-3,324
Australian Capital Territory	Public Administration and Safety		-5,142
Australian Capital Cities	Manufacturing		-32,826
Australian Rest of States	Manufacturing		-27,096
AUSTRALIA	Manufacturing		-59,922

Source: ABS 2018, Labour Force, Australia, Detailed, Quarterly, May 2018 (cat. no. 6291.0.55.003)

Sub-state regions are SA4 (2011 ASGS).

Annual figure is calculated as an average across the four quarter months of the calendar year.

C 3.1.3 Structural change index

The Structural Change Index is a measure of the extent of structural change occurring in a region, based on the change in the industry mix of employment between two points in time. The index provides contextual information on the distribution of economic activity within a region, and how this changes over time.⁷⁰ Relatively high index values will be evident for regions that are going through a very pronounced phase of industry transition, irrespective of whether that transition relates to major industry decline or growth. This indicator is based on the place of usual residence of the employed person and not the location at which they work.

⁷⁰ Productivity Commission 2013, *Looking Back on Structural Change in Australia: 2002–2012, Supplement to Annual Report 2011–12*.

Table C 3.1.3.a Structural change index by sub-state region

<i>Sub-State Region</i>	<i>2012 - 2017 structural change index</i>
New South Wales	3.6
Greater Sydney	3.0
Central Coast	7.1
Sydney - Baulkham Hills and Hawkesbury	8.2
Sydney - Blacktown	6.8
Sydney - City and Inner South	6.9
Sydney - Eastern Suburbs	6.1
Sydney - Inner South West	5.0
Sydney - Inner West	5.0
Sydney - North Sydney and Hornsby	6.8
Sydney - Northern Beaches	5.3
Sydney - Outer South West	5.2
Sydney - Outer West and Blue Mountains	8.3
Sydney - Parramatta	5.2
Sydney - Ryde	8.7
Sydney - South West	5.8
Sydney - Sutherland	8.1
Rest of New South Wales	5.8
Capital Region	11.8
Central West	8.0
Coffs Harbour - Grafton	14.1
Far West and Orana	8.0
Hunter Valley exc Newcastle	7.1
Illawarra	10.4
Mid North Coast	12.5
Murray	12.8
New England and North West	18.5
Newcastle and Lake Macquarie	7.8
Richmond - Tweed	9.3
Riverina	8.9
Southern Highlands and Shoalhaven	14.4
Victoria	3.4
Greater Melbourne	3.4
Melbourne - Inner	6.6
Melbourne - Inner East	4.7
Melbourne - Inner South	4.9
Melbourne - North East	5.7
Melbourne - North West	9.5
Melbourne - Outer East	5.4
Melbourne - South East	5.2
Melbourne - West	5.1
Mornington Peninsula	6.1
Rest of Victoria	5.5
Ballarat	14.0
Bendigo	12.1
Geelong	10.3

(continued)

Structural change index by sub-state region (continued)

Sub-State Region	2012 - 2017 structural change index
Hume	15.7
Latrobe - Gippsland	8.2
North West	14.2
Shepparton	8.9
Warrnambool and South West	20.5
Queensland	3.9
Greater Brisbane	4.0
Brisbane - East	8.5
Brisbane - North	8.9
Brisbane - South	6.0
Brisbane - West	7.7
Brisbane Inner City	7.6
Ipswich	7.0
Logan - Beaudesert	5.2
Moreton Bay - North	7.3
Moreton Bay - South	7.8
Rest of Queensland	5.1
Cairns	10.7
Darling Downs - Maranoa	19.0
Fitzroy	8.4
Gold Coast	5.4
Mackay	10.0
Queensland - Outback	29.5
Sunshine Coast	6.1
Toowoomba	11.8
Townsville	11.9
Wide Bay	6.0
South Australia	3.6
Greater Adelaide	4.0
Adelaide - Central and Hills	5.8
Adelaide - North	5.6
Adelaide - South	4.8
Adelaide - West	4.7
Rest of South Australia	5.0
Barossa - Yorke - Mid North	9.2
South Australia - Outback	12.6
South Australia - South East	8.2
Western Australia	3.6
Greater Perth	3.7
Mandurah	10.7
Perth - Inner	6.2
Perth - North East	7.8
Perth - North West	5.4
Perth - South East	5.3
Perth - South West	5.7
Rest of Western Australia	5.8

(continued)

Structural change index by sub-state region (continued)

Sub-State Region	2012 - 2017 structural change index
Bunbury	12.1
Western Australia - Outback	8.8
Western Australia - Wheat Belt	10.9
Tasmania	2.6
Greater Hobart	5.0
Rest of Tasmania	4.4
Launceston and North East	6.4
South East	8.3
West and North West	5.4
Northern Territory	5.5
Greater Darwin	4.4
Rest of Northern Territory	10.3
Northern Territory - Outback	10.3
Australian Capital Territory	4.0
Australian Capital Cities	2.7
Australian Rest of States	4.1
AUSTRALIA	3.0

Source: ABS 2018, Labour Force, Australia, Detailed, Quarterly, May 2018 (cat. no. 6291.0.55.003)

Sub-state regions are SA4 (2011 ASGS).

Structural change index is based on the Productivity Commission 1998, Aspects of Structural Change in Australia, Research Paper.

Figures are based on an average across the preceding three calendar years.

C 3.2 Business activity

C 3.2.1 Actively trading businesses

This is a count of the number of businesses which actively traded in goods or services as at 30 June of a given calendar year. The number of businesses operating in a region, and changes in business counts over time, can provide useful context for understanding processes of economic change in a region.

Table C 3.2.1.a Actively trading businesses by remoteness class

Remoteness Class	2013 businesses	2015 businesses	2017 businesses	2013 - 2017 change businesses
Major Cities	1,459,656	1,507,519	1,614,632	154,976
Inner Regional	354,756	357,728	367,049	12,293
Outer Regional	196,512	197,494	198,353	1,841
Remote	25,958	25,849	25,706	-252
Very Remote	12,126	11,606	11,585	-541
AUSTRALIA	2,079,666	2,121,235	2,238,299	158,633

Source: ABS 2018, Customised report, Counts of Australian Businesses, including Entries and Exits, Jun 2013 to Jun 2017 (cat. no. 8165.0)
Geography is based on the 2016 ASGS.

Does not include actively trading businesses which have not registered for an ABN, either because they do not have any obligations under the Goods and Services Tax (GST) legislation or are under the threshold for registration and have chosen not to register.

Entities not considered to be actively trading in the market sector are not considered to be businesses and, as such, are also excluded from these business counts.

Multiple location businesses are included, but it is currently only possible to account for their main location. This is particularly relevant for larger businesses, which commonly establish outlets in numerous states and regions across Australia.

Australian and state/territory data includes businesses whose location is "currently unknown" at the finer spatial level.

Table C 3.2.1.b Actively trading businesses by major urban area

Major Urban Area	2013 businesses	2015 businesses	2017 businesses	2013 - 2017 change businesses
Greater Sydney	462,397	480,737	519,704	57,307
Greater Melbourne	403,993	419,814	453,011	49,018
Greater Brisbane	182,836	186,455	198,863	16,027
Greater Perth	166,737	172,733	179,991	13,254
Greater Adelaide	105,319	106,539	109,450	4,131
Gold Coast - Tweed Heads	62,140	63,506	69,749	7,609
Newcastle - Maitland	29,233	29,904	32,008	2,775
Canberra - Queanbeyan	27,237	27,819	29,641	2,404
Sunshine Coast	30,721	31,345	33,478	2,757
Wollongong	15,566	16,082	17,268	1,702
Geelong	17,197	17,847	18,774	1,577
Greater Hobart	14,820	14,808	15,387	567
Townsville	11,027	10,826	10,787	-240
Cairns	12,275	12,432	12,588	313
Greater Darwin	10,228	10,338	10,605	377
Toowoomba	10,206	10,877	11,150	944
Ballarat	7,321	7,666	8,164	843
Bendigo	6,184	6,333	6,388	204
Albury - Wodonga	6,848	6,969	7,169	321
Launceston	6,314	6,108	6,240	-74

Source: ABS 2018, Customised report, Counts of Australian Businesses, including Entries and Exits, Jun 2013 to Jun 2017 (cat. no. 8165.0)

The major urban areas of Sydney, Melbourne, Brisbane, Adelaide, Perth, Hobart and Darwin are based on the 2016 ASGS Greater Capital City Statistical Area (GCCSA) classification. All other major urban areas are based on the 2016 ASGS Significant Urban Area (SUA) classification.

Does not include actively trading businesses which have not registered for an ABN, either because they do not have any obligations under the Goods and Services Tax (GST) legislation or are under the threshold for registration and have chosen not to register.

Entities not considered to be actively trading in the market sector are not considered to be businesses and, as such, are also excluded from these business counts.

Multiple location businesses are included, but it is currently only possible to account for their main location. This is particularly relevant for larger businesses, which commonly establish outlets in numerous states and regions across Australia.

Australian and state/territory data includes businesses whose location is "currently unknown" at the finer spatial level.

Table C 3.2.1.c Actively trading businesses by sub-state region

<i>Sub-State Region</i>	<i>2013 businesses</i>	<i>2015 businesses</i>	<i>2017 businesses</i>	<i>2013 - 2017 change businesses</i>
New South Wales	688,823	706,671	753,794	64,971
Greater Sydney	462,397	480,737	519,704	57,307
Central Coast	21,049	21,292	22,626	1,577
Sydney - Baulkham Hills and Hawkesbury	24,798	26,031	28,405	3,607
Sydney - Blacktown	17,756	18,450	21,316	3,560
Sydney - City and Inner South	70,814	73,399	78,503	7,689
Sydney - Eastern Suburbs	30,080	31,345	33,320	3,240
Sydney - Inner South West	47,547	50,063	55,230	7,683
Sydney - Inner West	30,033	32,034	34,474	4,441
Sydney - North Sydney and Hornsby	53,811	55,347	58,273	4,462
Sydney - Northern Beaches	30,185	30,832	31,896	1,711
Sydney - Outer South West	15,357	15,807	17,627	2,270
Sydney - Outer West and Blue Mountains	20,264	20,340	21,692	1,428
Sydney - Parramatta	36,748	39,487	44,900	8,152
Sydney - Ryde	16,533	17,427	18,851	2,318
Sydney - South West	27,110	28,238	31,076	3,966
Sydney - Sutherland	20,285	20,645	21,515	1,230
Rest of New South Wales	215,055	217,798	225,846	10,791
Capital Region	20,203	20,224	20,726	523
Central West	19,213	19,642	20,095	882
Coffs Harbour - Grafton	10,544	10,482	10,662	118
Far West and Orana	11,464	11,658	11,879	415
Hunter Valley exc Newcastle	17,595	17,821	18,790	1,195
Illawarra	16,226	16,765	18,013	1,787
Mid North Coast	15,775	15,899	16,338	563
Murray	11,687	12,040	12,154	467
New England and North West	19,884	20,017	20,163	279
Newcastle and Lake Macquarie	23,678	24,153	25,838	2,160
Richmond - Tweed	21,461	21,686	22,785	1,324
Riverina	15,774	15,695	16,056	282
Southern Highlands and Shoalhaven	11,554	11,716	12,347	793
Victoria	538,760	554,600	590,820	52,060
Greater Melbourne	403,993	419,814	453,011	49,018
Melbourne - Inner	93,318	97,964	104,053	10,735
Melbourne - Inner East	41,588	43,733	46,290	4,702
Melbourne - Inner South	45,636	46,406	48,489	2,853
Melbourne - North East	35,416	36,547	39,662	4,246
Melbourne - North West	25,879	27,129	30,253	4,374
Melbourne - Outer East	43,152	42,928	44,484	1,332
Melbourne - South East	55,589	58,357	65,095	9,506
Melbourne - West	40,328	43,286	49,901	9,573
Mornington Peninsula	23,098	23,464	24,784	1,686
Rest of Victoria	129,499	130,898	133,999	4,500
Ballarat	12,353	12,831	13,524	1,171
Bendigo	11,788	11,979	12,131	343
Geelong	20,109	20,819	21,932	1,823

(continued)

Actively trading businesses by sub-state region (continued)

<i>Sub-State Region</i>	<i>2013 businesses</i>	<i>2015 businesses</i>	<i>2017 businesses</i>	<i>2013 - 2017 change businesses</i>
Hume	17,204	17,231	17,603	399
Latrobe - Gippsland	23,866	23,979	24,662	796
North West	16,700	16,859	16,925	225
Shepparton	13,516	13,442	13,547	31
Warrnambool and South West	13,959	13,758	13,675	-284
Queensland	414,519	417,130	437,628	23,109
Greater Brisbane	182,836	186,455	198,863	16,027
Brisbane - East	17,821	18,120	19,064	1,243
Brisbane - North	14,761	15,368	16,511	1,750
Brisbane - South	30,155	31,296	34,171	4,016
Brisbane - West	14,194	14,425	14,868	674
Brisbane Inner City	42,613	43,311	45,781	3,168
Ipswich	16,555	16,947	18,186	1,631
Logan - Beaudesert	20,883	20,858	22,528	1,645
Moreton Bay - North	13,856	13,758	14,418	562
Moreton Bay - South	12,002	12,372	13,336	1,334
Rest of Queensland	225,791	227,442	235,324	9,533
Cairns	22,186	22,216	22,308	122
Darling Downs - Maranoa	18,420	18,601	18,578	158
Central Queensland	17,941	17,920	17,604	-337
Gold Coast	59,109	60,331	66,257	7,148
Mackay - Isaac - Whitsunday	15,960	15,397	15,009	-951
Queensland - Outback	7,062	7,120	7,078	16
<i>Far North</i>	1,703	1,682	1,707	4
<i>Outback - North</i>	2,237	2,249	2,232	-5
<i>Outback - South</i>	3,122	3,189	3,139	17
Sunshine Coast	34,398	34,896	37,294	2,896
Toowoomba	11,883	12,570	12,900	1,017
Townsville	17,071	16,756	16,661	-410
Wide Bay	21,755	21,635	21,635	-120
South Australia	143,302	143,542	146,758	3,456
Greater Adelaide	105,319	106,539	109,450	4,131
Adelaide - Central and Hills	45,607	46,543	47,457	1,850
Adelaide - North	20,501	20,601	21,606	1,105
Adelaide - South	21,755	21,729	22,153	398
Adelaide - West	17,451	17,666	18,234	783
Rest of South Australia	35,898	35,825	35,978	80
Barossa - Yorke - Mid North	10,855	11,009	10,999	144
South Australia - Outback	6,733	6,483	6,491	-242
<i>Eyre Peninsula and South West</i>	5,351	5,232	5,248	-103
<i>Outback - North and East</i>	1,378	1,251	1,243	-135
South Australia - South East	18,313	18,333	18,488	175
Western Australia	215,946	221,171	228,457	12,511
Greater Perth	166,737	172,733	179,991	13,254
Mandurah	5,426	5,587	5,618	192
Perth - Inner	35,027	35,832	36,292	1,265

(continued)

Actively trading businesses by sub-state region (continued)

<i>Sub-State Region</i>	2013 <i>businesses</i>	2015 <i>businesses</i>	2017 <i>businesses</i>	2013 - 2017 <i>change</i> <i>businesses</i>
Perth - North East	19,059	19,461	20,501	1,442
Perth - North West	42,040	44,006	46,061	4,021
Perth - South East	36,299	37,650	39,937	3,638
Perth - South West	28,890	30,197	31,582	2,692
Rest of Western Australia	47,201	47,184	47,188	-13
Bunbury	15,321	15,504	15,892	571
Western Australia - Wheat Belt	16,510	16,729	16,701	191
Western Australia - Outback (North)	4,798	4,562	4,328	-470
<i>Kimberley</i>	2,404	2,276	2,258	-146
<i>East Pilbara</i>	1,016	995	916	-100
<i>West Pilbara</i>	1,386	1,291	1,154	-232
Western Australia - Outback (South)	10,571	10,389	10,267	-304
<i>Esperance</i>	1,995	2,020	2,007	12
<i>Gascoyne</i>	999	971	1,016	17
<i>Goldfields</i>	2,462	2,308	2,251	-211
<i>Mid West</i>	5,117	5,090	4,993	-124
Tasmania	37,467	36,802	37,727	260
Greater Hobart	14,820	14,808	15,387	567
Rest of Tasmania	22,281	21,744	22,240	-41
Launceston and North East	11,438	11,147	11,358	-80
South East	3,016	2,932	3,027	11
West and North West	7,823	7,665	7,855	32
Northern Territory	14,297	14,238	14,445	148
Greater Darwin	10,228	10,338	10,605	377
Rest of Northern Territory	3,708	3,597	3,693	-15
Northern Territory - Outback	3,708	3,597	3,693	-15
<i>Alice Springs</i>	2,104	2,022	2,022	-82
<i>Barkly</i>	209	184	183	-26
<i>Daly - Tiwi - West Arnhem</i>	318	332	359	41
<i>East Arnhem</i>	222	208	212	-10
<i>Katherine</i>	858	851	917	59
Australian Capital Territory	25,073	25,689	27,369	2,296
Australian Capital Cities	1,371,213	1,416,906	1,514,283	143,070
Australian Rest of States	679,433	684,491	704,268	24,835

Source: ABS 2018, Customised report, Counts of Australian Businesses, including Entries and Exits, Jun 2013 to Jun 2017 (cat. no. 8165.0)

Sub-state regions are SA4 (2016 ASGS), italicised regions are SA3 (2016 ASGS).

Does not include actively trading businesses which have not registered for an ABN, either because they do not have any obligations under the Goods and Services Tax (GST) legislation or are under the threshold for registration and have chosen not to register.

Entities not considered to be actively trading in the market sector are not considered to be businesses and, as such, are also excluded from these business counts.

Multiple location businesses are included, but it is currently only possible to account for their main location. This is particularly relevant for larger businesses, which commonly establish outlets in numerous states and regions across Australia.

Australian and state/territory data includes businesses whose location is "currently unknown" at the finer spatial level.

C 3.2.2 Business size

This indicator provides a summary profile of business size for a region, based on those businesses which actively traded in goods or services as at 30 June 2017. It places businesses into size categories according to the number of employees. Information on the numbers of small, medium or large businesses in a region provides useful context about the nature of regional economic activity.

Table C 3.2.2.a Business size by remoteness class

Remoteness Class	Non-employing per cent	1-4 employees per cent	5-19 employees per cent	20 or more employees per cent
2017				
Major Cities	61.5	27.4	8.7	2.4
Inner Regional	60.8	27.2	9.9	2.1
Outer Regional	61.1	26.6	10.2	2.1
Remote	59.2	27.4	11.1	2.3
Very Remote	60.8	26.5	10.5	2.2
AUSTRALIA	61.2	27.2	9.1	2.5

Source: ABS 2018, Customised report, Counts of Australian Businesses, including Entries and Exits, Jun 2013 to Jun 2017 (cat. no. 8165.0)
Remoteness Area classification is based on the 2016 ASGS.

Does not include actively trading businesses which have not registered for an ABN, either because they do not have any obligations under the Goods and Services Tax (GST) legislation or are under the threshold for registration and have chosen not to register.

Entities not considered to be actively trading in the market sector are not considered to be businesses and, as such, are also excluded from these business counts.

Multiple location businesses are included, but it is currently only possible to account for their main location. This is particularly relevant for larger businesses, which commonly establish outlets in numerous states and regions across Australia.

Australian and state/territory rates are based on data that includes businesses whose location is "currently unknown" at the finer spatial level. These are disproportionately in the '20 or more employees' category, hence why the Australian rate for this category appears higher than those of component regions.

Table C 3.2.2.b Business size by major urban area

Major Urban Area	Non-employing per cent	1-4 employees per cent	5-19 employees per cent	20 or more employees per cent
2017				
Greater Sydney	59.0	30.5	8.3	2.3
Greater Melbourne	62.9	26.6	8.2	2.3
Greater Brisbane	61.4	26.7	9.3	2.5
Greater Perth	64.1	23.9	9.2	2.7
Greater Adelaide	67.3	21.8	8.7	2.3
Gold Coast - Tweed Heads	63.7	25.6	8.4	2.3
Newcastle - Maitland	54.4	30.8	11.9	2.9
Canberra - Queanbeyan	57.8	28.8	10.5	2.9
Sunshine Coast	60.9	27.5	9.6	2.0
Wollongong	53.8	33.2	10.8	2.2
Geelong	59.8	28.2	9.8	2.2
Greater Hobart	60.2	25.4	11.3	3.1
Townsville	56.1	27.0	13.6	3.3
Cairns	57.0	27.8	11.9	3.2
Greater Darwin	59.3	24.7	12.3	3.8
Toowoomba	60.2	25.8	11.2	2.8
Ballarat	59.4	27.5	10.6	2.5
Bendigo	55.7	28.8	12.4	3.0
Albury - Wodonga	59.6	26.7	10.8	2.9
Launceston	56.9	26.9	12.7	3.6

Source: ABS 2018, Customised report, Counts of Australian Businesses, including Entries and Exits, Jun 2013 to Jun 2017 (cat. no. 8165.0)

The major urban areas of Sydney, Melbourne, Brisbane, Adelaide, Perth, Hobart and Darwin are based on the 2016 ASGS Greater Capital City Statistical Area (GCCSA) classification. All other major urban areas are based on the 2016 ASGS Significant Urban Area (SUA) classification.

Does not include actively trading businesses which have not registered for an ABN, either because they do not have any obligations under the Goods and Services Tax (GST) legislation or are under the threshold for registration and have chosen not to register.

Entities not considered to be actively trading in the market sector are not considered to be businesses and, as such, are also excluded from these business counts.

Multiple location businesses are included, but it is currently only possible to account for their main location. This is particularly relevant for larger businesses, which commonly establish outlets in numerous states and regions across Australia.

Table C 3.2.2.c Business size by sub-state region

<i>Sub-State Region</i>	<i>Non-employing per cent</i>	<i>1-4 employees per cent</i>	<i>5-19 employees per cent</i>	<i>20 or more employees per cent</i>
2017				
New South Wales	58.8	29.9	8.9	2.4
Greater Sydney	59.0	30.5	8.3	2.3
Central Coast	54.2	33.8	9.9	2.1
Sydney - Baulkham Hills and Hawkesbury	57.1	32.6	8.4	1.9
Sydney - Blacktown	58.2	31.1	8.3	2.4
Sydney - City and Inner South	59.4	26.5	9.8	4.3
Sydney - Eastern Suburbs	64.6	27.3	6.5	1.6
Sydney - Inner South West	60.9	30.5	7.1	1.4
Sydney - Inner West	61.6	29.4	7.3	1.7
Sydney - North Sydney and Hornsby	61.8	28.1	7.7	2.4
Sydney - Northern Beaches	58.5	31.4	8.3	1.8
Sydney - Outer South West	53.6	35.0	9.4	2.0
Sydney - Outer West and Blue Mountains	54.4	34.1	9.4	2.1
Sydney - Parramatta	59.1	31.0	7.9	2.1
Sydney - Ryde	60.8	30.0	6.9	2.3
Sydney - South West	53.5	36.7	8.0	1.7
Sydney - Sutherland	57.0	32.2	9.1	1.6
Rest of New South Wales	58.6	29.0	10.4	2.0
Capital Region	56.7	31.1	10.7	1.5
Central West	58.9	28.5	10.9	1.7
Coffs Harbour - Grafton	59.1	28.0	10.9	2.0
Far West and Orana	59.9	28.1	10.5	1.5
Hunter Valley exc Newcastle	58.4	28.7	10.4	2.4
Illawarra	54.0	33.1	10.7	2.2
Mid North Coast	60.7	27.4	10.1	1.8
Murray	60.1	27.2	10.6	2.2
New England and North West	62.7	26.7	9.4	1.2
Newcastle and Lake Macquarie	54.1	31.3	11.8	2.8
Richmond - Tweed	63.3	25.8	9.0	1.9
Riverina	59.1	28.6	10.0	2.3
Southern Highlands and Shoalhaven	55.8	31.7	10.7	1.9
Victoria	62.3	26.8	8.5	2.4
Greater Melbourne	62.9	26.6	8.2	2.3
Melbourne - Inner	63.6	23.8	9.3	3.4
Melbourne - Inner East	64.5	26.6	7.4	1.6
Melbourne - Inner South	64.7	25.8	7.7	1.9
Melbourne - North East	63.0	28.0	7.4	1.7
Melbourne - North West	63.4	26.0	8.2	2.4
Melbourne - Outer East	58.6	30.4	8.8	2.1
Melbourne - South East	61.7	27.3	8.4	2.6
Melbourne - West	64.1	26.9	7.2	1.8
Mornington Peninsula	60.4	29.5	8.5	1.6
Rest of Victoria	61.0	27.6	9.5	1.9
Ballarat	60.0	28.6	9.4	2.0
Bendigo	59.1	28.4	10.2	2.2

(continued)

Business size by sub-state region (continued)

<i>Sub-State Region</i>	<i>Non-employing per cent</i>	<i>1-4 employees per cent</i>	<i>5-19 employees per cent</i>	<i>20 or more employees per cent</i>
2017				
Geelong	60.2	28.2	9.5	2.0
Hume	63.5	26.0	9.0	1.5
Latrobe - Gippsland	63.6	26.1	8.7	1.6
North West	58.1	30.1	9.9	1.9
Shepparton	62.1	25.9	10.0	2.1
Warrnambool and South West	59.7	28.6	9.8	2.0
Queensland	61.9	26.1	9.5	2.5
Greater Brisbane	61.4	26.7	9.3	2.5
Brisbane - East	58.2	29.1	10.0	2.6
Brisbane - North	61.0	26.0	9.8	3.1
Brisbane - South	61.9	26.3	9.4	2.4
Brisbane - West	61.8	28.9	7.5	1.8
Brisbane Inner City	63.7	23.7	9.3	3.2
Ipswich	63.4	25.2	8.9	2.5
Logan - Beaudesert	61.0	27.5	9.4	2.1
Moreton Bay - North	58.5	29.8	9.7	2.1
Moreton Bay - South	58.5	30.2	9.4	1.8
Rest of Queensland	62.4	25.7	9.6	2.3
Cairns	59.2	26.5	11.2	3.1
Darling Downs - Maranoa	68.8	22.2	7.3	1.8
Central Queensland	63.6	24.5	10.0	1.9
Gold Coast	63.9	25.5	8.3	2.3
Mackay - Isaac - Whitsunday	60.2	26.2	10.9	2.7
Queensland - Outback	63.2	24.5	10.5	1.8
<i>Far North</i>	63.3	21.8	12.2	2.6
<i>Outback - North</i>	59.2	24.8	13.3	2.7
<i>Outback - South</i>	65.9	25.8	7.5	0.8
Sunshine Coast	61.0	27.6	9.5	1.9
Toowoomba	60.7	25.6	11.0	2.7
Townsville	58.5	26.7	12.1	2.7
Wide Bay	62.3	25.1	10.2	2.3
South Australia	65.5	22.9	9.2	2.3
Greater Adelaide	67.3	21.8	8.7	2.3
Adelaide - Central and Hills	68.8	20.6	8.4	2.2
Adelaide - North	66.8	22.6	8.2	2.3
Adelaide - South	66.6	23.3	8.3	1.8
Adelaide - West	64.5	21.9	10.6	2.9
Rest of South Australia	60.8	26.7	10.7	1.8
Barossa - Yorke - Mid North	61.2	27.5	9.8	1.5
South Australia - Outback	58.3	28.4	11.2	2.0
<i>Eyre Peninsula and South West</i>	58.8	28.6	10.7	1.8
<i>Outback - North and East</i>	56.3	27.6	13.3	2.8
South Australia - South East	61.4	25.6	11.1	1.9
Western Australia	63.1	24.5	9.6	2.9
Greater Perth	64.1	23.9	9.2	2.7

(continued)

Business size by sub-state region (continued)

<i>Sub-State Region</i>	<i>Non-employing per cent</i>	<i>1-4 employees per cent</i>	<i>5-19 employees per cent</i>	<i>20 or more employees per cent</i>
2017				
Mandurah	61.2	26.6	9.5	2.6
Perth - Inner	64.0	23.3	9.3	3.3
Perth - North East	63.0	24.6	9.7	2.7
Perth - North West	65.3	24.1	8.5	2.1
Perth - South East	64.2	23.5	9.6	2.8
Perth - South West	63.6	24.2	9.4	2.9
Rest of Western Australia	59.8	26.7	10.9	2.6
Bunbury	62.8	23.6	10.7	2.9
Western Australia - Wheat Belt	60.2	28.7	9.3	1.8
Western Australia - Outback (North)	55.6	25.7	14.0	4.6
<i>Kimberley</i>	55.1	25.2	14.9	4.8
<i>East Pilbara</i>	59.6	24.0	12.4	4.0
<i>West Pilbara</i>	53.5	28.0	13.5	5.0
Western Australia - Outback (South)	56.1	28.5	12.7	2.8
<i>Esperance</i>	55.6	29.7	12.8	1.9
<i>Gascoyne</i>	56.0	24.8	14.6	4.6
<i>Goldfields</i>	52.5	29.1	14.4	4.0
<i>Mid West</i>	57.9	28.4	11.5	2.2
Tasmania	59.7	25.5	11.7	3.1
Greater Hobart	60.2	25.4	11.3	3.1
Rest of Tasmania	59.7	25.6	11.9	2.8
Launceston and North East	59.6	26.1	11.5	2.8
South East	61.2	23.9	12.3	2.6
West and North West	59.2	25.5	12.4	2.9
Northern Territory	58.0	24.4	13.0	4.5
Greater Darwin	59.3	24.7	12.3	3.8
Rest of Northern Territory	55.7	24.1	15.2	5.0
Northern Territory - Outback	55.7	24.1	15.2	5.0
<i>Alice Springs</i>	55.3	22.6	16.3	5.7
<i>Barkly</i>	52.4	25.9	16.8	4.9
<i>Daly - Tiwi - West Arnhem</i>	65.4	22.0	12.7	0.0
<i>East Arnhem</i>	56.7	26.6	9.4	7.4
<i>Katherine</i>	53.4	27.2	14.5	4.9
Australian Capital Territory	57.8	28.8	10.3	3.0
Australian Capital Cities	61.7	27.3	8.6	2.4
Australian Rest of States	60.5	27.2	10.1	2.1

Source: ABS 2018, Customised report, Counts of Australian Businesses, including Entries and Exits, Jun 2013 to Jun 2017 (cat. no. 8165.0)

Sub-state regions are SA4 (2016 ASGS), italicised regions are SA3 (2016 ASGS).

Does not include actively trading businesses which have not registered for an ABN, either because they do not have any obligations under the Goods and Services Tax (GST) legislation or are under the threshold for registration and have chosen not to register.

Entities not considered to be actively trading in the market sector are not considered to be businesses and, as such, are also excluded from these business counts.

Multiple location businesses are included, but it is currently only possible to account for their main location. This is particularly relevant for larger businesses, which commonly establish outlets in numerous states and regions across Australia.

Australian and state/territory rates are based on data that includes businesses whose location is "currently unknown" at the finer spatial level. These are disproportionately in the '20 or more employees' category, hence why the Australian rate for this category appears higher than those of component regions.

C 3.3 Innovation

C 3.3.1 Employment in knowledge-intensive service industries

Employment in knowledge-intensive service industries indicates the number of people working in Professional Scientific and Technical Services, Information Media and Telecommunications and Financial and Insurance Services. Knowledge-intensive service industries are important for regional economies because of their links to innovative products, new production processes and productivity. This indicator is based on the place of usual residence of the employed person and not the location at which they work.

Table C 3.3.1.a Employment in knowledge intensive industries by sub-state region

Sub-State Region	2007 per cent	2012 per cent	2017 per cent	2007 - 2017 change percentage points
New South Wales	15.5	16.7	16.8	1.3
Greater Sydney	19.4	21.2	21.0	1.6
Central Coast	10.0	9.3	12.5	2.5
Sydney - Baulkham Hills and Hawkesbury	19.4	20.0	20.1	0.7
Sydney - Blacktown	12.9	18.1	13.4	0.5
Sydney - City and Inner South	29.2	34.9	33.3	4.1
Sydney - Eastern Suburbs	27.9	29.4	34.4	6.6
Sydney - Inner South West	15.0	17.3	15.7	0.7
Sydney - Inner West	21.1	25.0	28.2	7.1
Sydney - North Sydney and Hornsby	34.2	38.0	34.9	0.7
Sydney - Northern Beaches	23.7	25.6	25.2	1.5
Sydney - Outer South West	11.1	11.0	12.7	1.6
Sydney - Outer West and Blue Mountains	10.5	10.4	10.6	0.2
Sydney - Parramatta	18.3	17.0	17.4	-0.8
Sydney - Ryde	28.4	28.2	22.8	-5.6
Sydney - South West	11.2	10.6	10.7	-0.5
Sydney - Sutherland	16.6	17.4	17.1	0.5
Rest of New South Wales	8.1	7.4	8.0	-0.1
Capital Region	6.9	7.3	7.4	0.6
Central West	5.8	5.8	7.1	1.3
Coffs Harbour - Grafton	8.2	9.1	6.3	-1.9
Far West and Orana	4.5	7.6	4.4	-0.1
Hunter Valley exc Newcastle	4.7	6.0	6.5	1.8
Illawarra	9.4	9.0	11.3	1.9
Mid North Coast	9.0	6.9	6.8	-2.2
Murray	5.5	5.2	5.0	-0.5
New England and North West	7.2	5.7	5.8	-1.4
Newcastle and Lake Macquarie	12.2	9.3	11.1	-1.1
Richmond - Tweed	8.9	8.6	10.8	1.9
Riverina	6.5	5.7	6.4	-0.1
Southern Highlands and Shoalhaven	11.6	8.2	5.8	-5.8
Victoria	14.5	14.8	14.5	-0.0
Greater Melbourne	16.7	17.0	16.6	-0.2
Melbourne - Inner	28.6	28.6	27.1	-1.5
Melbourne - Inner East	25.3	23.5	19.5	-5.9
Melbourne - Inner South	21.8	22.8	23.0	1.2
Melbourne - North East	14.7	13.8	12.8	-1.8
Melbourne - North West	10.6	9.9	12.5	1.9
Melbourne - Outer East	12.1	13.2	14.5	2.4
Melbourne - South East	12.5	11.5	12.2	-0.3
Melbourne - West	11.5	14.9	14.2	2.7
Mornington Peninsula	9.2	10.0	8.4	-0.8
Rest of Victoria	7.6	7.3	7.0	-0.6
Ballarat	9.1	7.4	11.6	2.6

(continued)

Employment in knowledge intensive industries by sub-state region (continued)

Sub-State Region	2007 per cent	2012 per cent	2017 per cent	2007 - 2017 change percentage points
Bendigo	12.0	8.3	7.9	-4.1
Geelong	9.6	9.8	8.5	-1.1
Hume	5.3	1.8	6.0	0.7
Latrobe - Gippsland	6.3	9.0	5.8	-0.5
North West	5.7	4.8	5.7	-0.0
Shepparton	7.4	6.3	5.2	-2.2
Warrnambool and South West	5.6	7.7	4.7	-1.0
Queensland	10.9	10.9	10.8	-0.1
Greater Brisbane	13.3	14.5	13.3	0.0
Brisbane - East	12.3	12.7	12.6	0.4
Brisbane - North	13.5	12.8	16.3	2.8
Brisbane - South	15.0	18.1	15.6	0.6
Brisbane - West	20.7	24.5	18.3	-2.4
Brisbane Inner City	21.4	22.3	20.3	-1.1
Ipswich	8.5	8.2	8.3	-0.1
Logan - Beaudesert	6.9	9.1	8.8	1.9
Moreton Bay - North	7.1	7.5	7.4	0.3
Moreton Bay - South	13.3	13.8	11.1	-2.2
Rest of Queensland	8.6	7.5	8.2	-0.4
Cairns	8.5	5.6	7.0	-1.5
Darling Downs - Maranoa	5.9	4.8	5.2	-0.8
Fitzroy	7.1	4.3	6.6	-0.5
Gold Coast	11.8	10.4	10.8	-1.0
Mackay	6.3	5.5	6.3	0.1
Queensland - Outback	2.9	2.0	1.9	-0.9
Sunshine Coast	10.1	11.3	10.2	0.1
Toowoomba	10.4	9.5	7.8	-2.6
Townsville	8.2	7.3	7.1	-1.1
Wide Bay	5.2	4.8	6.7	1.5
South Australia	10.5	10.9	9.7	-0.7
Greater Adelaide	12.2	12.3	11.1	-1.2
Adelaide - Central and Hills	16.0	16.3	15.5	-0.5
Adelaide - North	9.7	9.4	8.0	-1.7
Adelaide - South	11.3	13.0	10.0	-1.3
Adelaide - West	13.0	11.0	11.9	-1.2
Rest of South Australia	4.3	5.9	4.8	0.5
Barossa - Yorke - Mid North	3.8	5.0	7.3	3.5
South Australia - Outback	4.9	6.0	2.4	-2.5
South Australia - South East	4.3	6.5	4.5	0.2
Western Australia	11.9	11.0	10.5	-1.4
Greater Perth	13.8	12.6	11.9	-1.9
Mandurah	2.6	3.0	8.0	5.4
Perth - Inner	25.0	19.6	20.2	-4.8
Perth - North East	11.9	11.3	9.7	-2.2

(continued)

Employment in knowledge intensive industries by sub-state region (continued)

<i>Sub-State Region</i>	<i>2007 per cent</i>	<i>2012 per cent</i>	<i>2017 per cent</i>	<i>2007 - 2017 change percentage points</i>
Perth - North West	13.9	13.5	12.5	-1.3
Perth - South East	13.2	12.1	11.2	-2.0
Perth - South West	12.0	11.3	10.2	-1.8
Rest of Western Australia	5.4	5.1	5.2	-0.3
Bunbury	5.5	5.9	6.3	0.8
Western Australia - Outback	5.6	5.1	5.3	-0.3
Western Australia - Wheat Belt	5.0	3.9	3.3	-1.7
Tasmania	8.6	9.2	8.8	0.2
Greater Hobart	11.6	12.4	10.9	-0.8
Rest of Tasmania	6.2	6.6	7.0	0.9
Launceston and North East	8.1	8.2	8.0	-0.1
South East	4.6	6.0	7.4	2.8
West and North West	4.1	4.6	5.6	1.5
Northern Territory	9.1	8.1	7.3	-1.9
Greater Darwin	11.8	10.1	9.2	-2.6
Rest of Northern Territory	4.9	5.1	4.2	-0.7
Northern Territory - Outback	4.9	5.1	4.2	-0.7
Australian Capital Territory	14.9	14.5	15.0	0.1
Australian Capital Cities	16.2	16.8	16.3	0.1
Australian Rest of States	7.7	7.1	7.4	-0.2
AUSTRALIA	13.4	13.7	13.6	0.2

Source: ABS 2018, Labour Force, Australia, Detailed, Quarterly, May 2018 (cat. no. 6291.0.55.003)

Sub-state regions are SA4 (2011 ASGS).

Annual figure is calculated as an average across the four quarters of the calendar year.

Definition includes the top three knowledge-intensive service industries based on Department of Industry, Innovation and Science advice. They include Professional, Scientific and Technical Services, Information Media and Telecommunications and Financial and Insurance Services.

