

## 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 remoteness class

Remoteness Class	Top employing industry	Employment per cent
<b>2006</b>		
Major Cities	Retail Trade	11.6
Inner Regional	Retail Trade	12.6
Outer Regional	Agriculture, Forestry and Fishing	14.0
Remote	Agriculture, Forestry and Fishing	20.4
Very Remote	Public Administration and Safety	18.6
AUSTRALIA	Retail Trade	11.7
<b>2011</b>		
Major Cities	Health Care and Social Assistance	11.9
Inner Regional	Health Care and Social Assistance	12.8
Outer Regional	Agriculture, Forestry and Fishing	11.7
Remote	Agriculture, Forestry and Fishing	16.5
Very Remote	Mining	17.5
AUSTRALIA	Health Care and Social Assistance	11.9

Source: ABS 2017, Customised report, Census of Population and Housing, Australia

Remoteness Area classification is based on the 2011 ASGS.

Data based on place of usual residence.

Calculation excludes Inadequately Described and Not Stated categories from the denominator.

The Community Development Employment Projects (CDEP) Scheme, a former Indigenous employment program, can influence employment measures for regions which had CDEP participation. CDEP participants were classified as employed in both the 2006 and 2011 Censuses, but the scheme was phased out from 2009, so there were fewer participants in 2011. Participants in a replacement scheme were not classified as employed in the 2016 Census (for more details see ABS 2012, Labour Force Characteristics of Aboriginal and Torres Strait Islander Australians, Estimates from the Labour Force Survey, 2011 (cat. no. 6287.0); ABS 2013, Australian Social Trends, Nov 2013 (cat. no. 4102.0); ABS 2016, Census of Population and Housing: Census Dictionary, 2016 (cat. no. 2901.0)).

2016 Census data is not presented, as data was not ready prior to publication of this yearbook.

Table C 3.1.1.b Top employing industry by major urban area

Major Urban Area	Top employing industry	Employment per cent
2006		
Greater Sydney	Retail Trade	10.8
Greater Melbourne	Manufacturing	13.3
Greater Brisbane	Retail Trade	11.5
Greater Perth	Retail Trade	11.7
Greater Adelaide	Health Care and Social Assistance	13.4
Gold Coast - Tweed Heads	Retail Trade	14.1
Newcastle - Maitland	Health Care and Social Assistance	13.4
Canberra - Queanbeyan	Public Administration and Safety	30.4
Sunshine Coast	Retail Trade	14.6
Wollongong	Manufacturing	12.7
Geelong	Manufacturing	14.3
Greater Hobart	Health Care and Social Assistance	12.7
Townsville	Public Administration and Safety	13.4
Cairns	Retail Trade	13.4
Greater Darwin	Public Administration and Safety	21.7
Toowoomba	Health Care and Social Assistance	13.2
Ballarat	Health Care and Social Assistance	14.3
Bendigo	Retail Trade	14.7
Albury - Wodonga	Manufacturing	15.1
Launceston	Retail Trade	13.8
2011		
Greater Sydney	Health Care and Social Assistance	11.2
Greater Melbourne	Health Care and Social Assistance	11.4
Greater Brisbane	Health Care and Social Assistance	12.7
Greater Perth	Health Care and Social Assistance	11.2
Greater Adelaide	Health Care and Social Assistance	14.5
Gold Coast - Tweed Heads	Retail Trade	12.8
Newcastle - Maitland	Health Care and Social Assistance	14.5
Canberra - Queanbeyan	Public Administration and Safety	32.8
Sunshine Coast	Health Care and Social Assistance	13.8
Wollongong	Health Care and Social Assistance	13.6
Geelong	Health Care and Social Assistance	13.9
Greater Hobart	Health Care and Social Assistance	13.1
Townsville	Health Care and Social Assistance	13.0
Cairns	Health Care and Social Assistance	13.2
Greater Darwin	Public Administration and Safety	21.9
Toowoomba	Health Care and Social Assistance	14.9
Ballarat	Health Care and Social Assistance	15.6
Bendigo	Health Care and Social Assistance	15.9
Albury - Wodonga	Health Care and Social Assistance	13.6
Launceston	Health Care and Social Assistance	13.2

Source: ABS 2017, Customised report, Census of Population and Housing, Australia

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.

Data based on place of usual residence.

Calculation excludes Inadequately Described and Not Stated categories from the denominator.

The Community Development Employment Projects (CDEP) Scheme, a former Indigenous employment program, can influence employment measures for regions which had CDEP participation. CDEP participants were classified as employed in both the 2006 and 2011 Censuses, but the scheme was phased out from 2009, so there were fewer participants in 2011. Participants in a replacement scheme were not classified as employed in the 2016 Census (for more details see ABS 2012, Labour Force Characteristics of Aboriginal and Torres Strait Islander Australians, Estimates from the Labour Force Survey, 2011 (cat. no. 6287.0); ABS 2013, Australian Social Trends, Nov 2013 (cat. no. 4102.0); ABS 2016, Census of Population and Housing: Census Dictionary, 2016 (cat. no. 2901.0)).

2016 Census data is not presented, as data was not ready prior to publication of this yearbook.

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

Sub-State Region	Top employing industry	Employment
		per cent
2006		
New South Wales	Retail Trade	11.4
Greater Sydney	Retail Trade	10.8
Central Coast	Retail Trade	14.0
Sydney - Baulkham Hills and Hawkesbury	Retail Trade	11.6
Sydney - Blacktown	Manufacturing	15.2
Sydney - City and Inner South	Professional, Scientific and Technical Services	13.0
Sydney - Eastern Suburbs	Professional, Scientific and Technical Services	13.9
Sydney - Inner South West	Retail Trade	11.6
Sydney - Inner West	Professional, Scientific and Technical Services	11.9
Sydney - North Sydney and Hornsby	Professional, Scientific and Technical Services	17.2
Sydney - Northern Beaches	Professional, Scientific and Technical Services	12.3
Sydney - Outer South West	Manufacturing	14.8
Sydney - Outer West and Blue Mountains	Manufacturing	11.8
Sydney - Parramatta	Manufacturing	12.4
Sydney - Ryde	Professional, Scientific and Technical Services	12.4
Sydney - South West	Manufacturing	18.4
Sydney - Sutherland	Retail Trade	11.0
Rest of New South Wales	Retail Trade	12.6
Capital Region	Public Administration and Safety	12.7
Central West	Agriculture, Forestry and Fishing	12.4
Coffs Harbour - Grafton	Retail Trade	14.9
Far West and Orana	Agriculture, Forestry and Fishing	15.7
Hunter Valley exc Newcastle	Retail Trade	12.3
Illawarra	Manufacturing	12.6
Mid North Coast	Retail Trade	14.8
Murray	Agriculture, Forestry and Fishing	14.7
New England and North West	Agriculture, Forestry and Fishing	17.3
Newcastle and Lake Macquarie	Health Care and Social Assistance	14.3
Richmond - Tweed	Retail Trade	14.2
Riverina	Agriculture, Forestry and Fishing	13.5
Southern Highlands and Shoalhaven	Retail Trade	13.7
Victoria	Manufacturing	13.0
Greater Melbourne	Manufacturing	13.3
Melbourne - Inner	Professional, Scientific and Technical Services	14.7
Melbourne - Inner East	Professional, Scientific and Technical Services	12.9
Melbourne - Inner South	Professional, Scientific and Technical Services	11.9
Melbourne - North East	Manufacturing	13.7
Melbourne - North West	Manufacturing	15.2
Melbourne - Outer East	Manufacturing	14.5
Melbourne - South East	Manufacturing	19.4
Melbourne - West	Manufacturing	16.1
Mornington Peninsula	Manufacturing	14.3

(continued)

## Top employing industry by sub-state region (continued)

Sub-State Region	Top employing industry	Employment per cent
2006		
<b>Rest of Victoria</b>	<b>Retail Trade</b>	<b>12.6</b>
Ballarat	Manufacturing	13.4
Bendigo	Retail Trade	13.3
Geelong	Manufacturing	14.0
Hume	Manufacturing	13.3
Latrobe - Gippsland	Retail Trade	12.8
North West	Agriculture, Forestry and Fishing	19.9
Shepparton	Manufacturing	14.8
Warrnambool and South West	Agriculture, Forestry and Fishing	17.7
<b>Queensland</b>	<b>Retail Trade</b>	<b>12.0</b>
<b>Greater Brisbane</b>	<b>Retail Trade</b>	<b>11.5</b>
Brisbane - East	Manufacturing	13.0
Brisbane - North	Health Care and Social Assistance	12.0
Brisbane - South	Health Care and Social Assistance	11.7
Brisbane - West	Education and Training	12.6
Brisbane Inner City	Professional, Scientific and Technical Services	13.8
Ipswich	Manufacturing	17.1
Logan - Beaudesert	Manufacturing	16.1
Moreton Bay - North	Retail Trade	13.2
Moreton Bay - South	Retail Trade	12.3
<b>Rest of Queensland</b>	<b>Retail Trade</b>	<b>12.5</b>
Cairns	Retail Trade	12.7
Darling Downs - Maranoa	Agriculture, Forestry and Fishing	24.2
Fitzroy	Manufacturing	10.9
Gold Coast	Retail Trade	13.9
Mackay	Mining	12.0
Queensland - Outback	Public Administration and Safety	18.5
<i>Far North</i>	Public Administration and Safety	35.1
<i>Outback - North</i>	Mining	20.5
<i>Outback - South</i>	Agriculture, Forestry and Fishing	28.8
Sunshine Coast	Retail Trade	14.3
Toowoomba	Health Care and Social Assistance	12.7
Townsville	Public Administration and Safety	11.5
Wide Bay	Retail Trade	13.1
<b>South Australia</b>	<b>Manufacturing</b>	<b>13.1</b>
<b>Greater Adelaide</b>	<b>Health Care and Social Assistance</b>	<b>13.4</b>
Adelaide - Central and Hills	Health Care and Social Assistance	14.8
Adelaide - North	Manufacturing	17.4
Adelaide - South	Health Care and Social Assistance	14.8
Adelaide - West	Manufacturing	14.0
<b>Rest of South Australia</b>	<b>Agriculture, Forestry and Fishing</b>	<b>17.2</b>
Barossa - Yorke - Mid North	Agriculture, Forestry and Fishing	17.9
South Australia - Outback	Agriculture, Forestry and Fishing	12.7
<i>Eyre Peninsula and South West</i>	Agriculture, Forestry and Fishing	16.6
<i>Outback - North and East</i>	Mining	13.3

(continued)

## Top employing industry by sub-state region (continued)

Sub-State Region	Top employing industry	Employment
		per cent
	2006	
South Australia - South East	Agriculture, Forestry and Fishing	19.0
<b>Western Australia</b>	<b>Retail Trade</b>	<b>11.5</b>
<b>Greater Perth</b>	<b>Retail Trade</b>	<b>11.7</b>
Mandurah	Construction	14.4
Perth - Inner	Professional, Scientific and Technical Services	14.5
Perth - North East	Retail Trade	12.0
Perth - North West	Retail Trade	12.1
Perth - South East	Retail Trade	11.8
Perth - South West	Manufacturing	12.2
<b>Rest of Western Australia</b>	<b>Agriculture, Forestry and Fishing</b>	<b>12.5</b>
Bunbury	Manufacturing	13.0
Western Australia - Wheat Belt	Agriculture, Forestry and Fishing	26.0
Western Australia - Outback (North)	Mining	20.2
Kimberley	Health Care and Social Assistance	15.8
East Pilbara	Mining	28.4
West Pilbara	Mining	31.7
Western Australia - Outback (South)	Mining	12.6
Esperance	Agriculture, Forestry and Fishing	19.9
Gascoyne	Agriculture, Forestry and Fishing	14.1
Goldfields	Mining	24.7
Mid West	Agriculture, Forestry and Fishing	12.8
<b>Tasmania</b>	<b>Retail Trade</b>	<b>12.2</b>
<b>Greater Hobart</b>	<b>Health Care and Social Assistance</b>	<b>12.7</b>
<b>Rest of Tasmania</b>	<b>Manufacturing</b>	<b>12.5</b>
Launceston and North East	Retail Trade	12.5
South East	Agriculture, Forestry and Fishing	18.8
West and North West	Manufacturing	14.7
<b>Northern Territory</b>	<b>Public Administration and Safety</b>	<b>22.3</b>
<b>Greater Darwin</b>	<b>Public Administration and Safety</b>	<b>21.7</b>
<b>Rest of Northern Territory</b>	<b>Public Administration and Safety</b>	<b>23.8</b>
Northern Territory - Outback	Public Administration and Safety	23.8
Alice Springs	Public Administration and Safety	18.7
Barkly	Public Administration and Safety	24.9
Daly - Tiwi - West Arnhem	Public Administration and Safety	30.4
East Arnhem	Public Administration and Safety	23.9
Katherine	Public Administration and Safety	31.9
<b>Australian Capital Territory</b>	<b>Public Administration and Safety</b>	<b>30.7</b>
<b>Australian Capital Cities</b>	<b>Retail Trade</b>	<b>11.4</b>
<b>Australian Rest of States</b>	<b>Retail Trade</b>	<b>12.3</b>

(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>2011</i>		
<b>New South Wales</b>	<b>Health Care and Social Assistance</b>	<b>11.9</b>
<b>Greater Sydney</b>	<b>Health Care and Social Assistance</b>	<b>11.2</b>
Central Coast	Health Care and Social Assistance	14.5
Sydney - Baulkham Hills and Hawkesbury	Retail Trade	11.1
Sydney - Blacktown	Manufacturing	13.0
Sydney - City and Inner South	Professional, Scientific and Technical Services	14.8
Sydney - Eastern Suburbs	Professional, Scientific and Technical Services	15.3
Sydney - Inner South West	Retail Trade	10.9
Sydney - Inner West	Professional, Scientific and Technical Services	12.7
Sydney - North Sydney and Hornsby	Professional, Scientific and Technical Services	18.1
Sydney - Northern Beaches	Professional, Scientific and Technical Services	13.5
Sydney - Outer South West	Manufacturing	13.3
Sydney - Outer West and Blue Mountains	Health Care and Social Assistance	11.6
Sydney - Parramatta	Health Care and Social Assistance	11.7
Sydney - Ryde	Professional, Scientific and Technical Services	13.3
Sydney - South West	Manufacturing	16.2
Sydney - Sutherland	Health Care and Social Assistance	10.6
<b>Rest of New South Wales</b>	<b>Health Care and Social Assistance</b>	<b>13.3</b>
Capital Region	Public Administration and Safety	14.5
Central West	Health Care and Social Assistance	12.2
Coffs Harbour - Grafton	Health Care and Social Assistance	15.1
Far West and Orana	Agriculture, Forestry and Fishing	13.9
Hunter Valley exc Newcastle	Retail Trade	11.0
Illawarra	Health Care and Social Assistance	13.5
Mid North Coast	Health Care and Social Assistance	16.0
Murray	Health Care and Social Assistance	12.1
New England and North West	Agriculture, Forestry and Fishing	15.1
Newcastle and Lake Macquarie	Health Care and Social Assistance	15.5
Richmond - Tweed	Health Care and Social Assistance	15.4
Riverina	Agriculture, Forestry and Fishing	11.9
Southern Highlands and Shoalhaven	Health Care and Social Assistance	13.6
<b>Victoria</b>	<b>Health Care and Social Assistance</b>	<b>11.8</b>
<b>Greater Melbourne</b>	<b>Health Care and Social Assistance</b>	<b>11.4</b>
Melbourne - Inner	Professional, Scientific and Technical Services	16.0
Melbourne - Inner East	Professional, Scientific and Technical Services	13.5
Melbourne - Inner South	Professional, Scientific and Technical Services	12.9
Melbourne - North East	Health Care and Social Assistance	12.7
Melbourne - North West	Manufacturing	12.2
Melbourne - Outer East	Manufacturing	12.4
Melbourne - South East	Manufacturing	16.6
Melbourne - West	Manufacturing	13.0
Mornington Peninsula	Construction	12.6

(continued)

## Top employing industry by sub-state region (continued)

Sub-State Region	Top employing industry	Employment per cent
<b>2011</b>		
<b>Rest of Victoria</b>	<b>Health Care and Social Assistance</b>	<b>13.4</b>
Ballarat	Health Care and Social Assistance	14.6
Bendigo	Health Care and Social Assistance	14.7
Geelong	Health Care and Social Assistance	13.6
Hume	Health Care and Social Assistance	12.6
Latrobe - Gippsland	Health Care and Social Assistance	12.4
North West	Agriculture, Forestry and Fishing	17.0
Shepparton	Manufacturing	13.9
Warrnambool and South West	Agriculture, Forestry and Fishing	15.4
<b>Queensland</b>	<b>Health Care and Social Assistance</b>	<b>12.2</b>
<b>Greater Brisbane</b>	<b>Health Care and Social Assistance</b>	<b>12.7</b>
Brisbane - East	Health Care and Social Assistance	11.9
Brisbane - North	Health Care and Social Assistance	13.9
Brisbane - South	Health Care and Social Assistance	13.6
Brisbane - West	Professional, Scientific and Technical Services	13.8
Brisbane Inner City	Professional, Scientific and Technical Services	15.7
Ipswich	Manufacturing	13.9
Logan - Beaudesert	Manufacturing	13.9
Moreton Bay - North	Health Care and Social Assistance	13.2
Moreton Bay - South	Health Care and Social Assistance	12.8
<b>Rest of Queensland</b>	<b>Health Care and Social Assistance</b>	<b>11.7</b>
Cairns	Health Care and Social Assistance	12.2
Darling Downs - Maranoa	Agriculture, Forestry and Fishing	20.8
Fitzroy	Construction	10.0
Gold Coast	Retail Trade	12.6
Mackay	Mining	14.8
Queensland - Outback	Agriculture, Forestry and Fishing	14.2
<i>Far North</i>	Public Administration and Safety	18.3
<i>Outback - North</i>	Mining	25.1
<i>Outback - South</i>	Agriculture, Forestry and Fishing	26.4
Sunshine Coast	Health Care and Social Assistance	13.6
Toowoomba	Health Care and Social Assistance	14.2
Townsville	Health Care and Social Assistance	12.4
Wide Bay	Health Care and Social Assistance	14.4
<b>South Australia</b>	<b>Health Care and Social Assistance</b>	<b>13.9</b>
<b>Greater Adelaide</b>	<b>Health Care and Social Assistance</b>	<b>14.5</b>
Adelaide - Central and Hills	Health Care and Social Assistance	15.4
Adelaide - North	Manufacturing	14.2
Adelaide - South	Health Care and Social Assistance	15.9
Adelaide - West	Health Care and Social Assistance	13.4
<b>Rest of South Australia</b>	<b>Agriculture, Forestry and Fishing</b>	<b>14.6</b>
Barossa - Yorke - Mid North	Agriculture, Forestry and Fishing	14.9
South Australia - Outback	Health Care and Social Assistance	11.7
<i>Eyre Peninsula and South West</i>	Agriculture, Forestry and Fishing	13.6
<i>Outback - North and East</i>	Mining	18.2

(continued)



## Top employing industry by sub-state region (continued)

Sub-State Region	Top employing industry	Employment per cent
<b>2011</b>		
South Australia - South East	Agriculture, Forestry and Fishing	16.5
<b>Western Australia</b>	<b>Health Care and Social Assistance</b>	<b>10.6</b>
<b>Greater Perth</b>	<b>Health Care and Social Assistance</b>	<b>11.2</b>
Mandurah	Construction	14.1
Perth - Inner	Professional, Scientific and Technical Services	16.1
Perth - North East	Retail Trade	11.0
Perth - North West	Construction	11.9
Perth - South East	Retail Trade	10.6
Perth - South West	Health Care and Social Assistance	11.5
<b>Rest of Western Australia</b>	<b>Mining</b>	<b>11.5</b>
Bunbury	Construction	13.1
Western Australia - Wheat Belt	Agriculture, Forestry and Fishing	20.7
Western Australia - Outback (North)	Mining	26.9
<i>Kimberley</i>	Health Care and Social Assistance	13.1
<i>East Pilbara</i>	Mining	40.9
<i>West Pilbara</i>	Mining	32.3
Western Australia - Outback (South)	Mining	14.7
<i>Esperance</i>	Agriculture, Forestry and Fishing	17.1
<i>Gascoyne</i>	Agriculture, Forestry and Fishing	10.8
<i>Goldfields</i>	Mining	26.7
<i>Mid West</i>	Construction	10.9
<b>Tasmania</b>	<b>Health Care and Social Assistance</b>	<b>12.2</b>
<b>Greater Hobart</b>	<b>Health Care and Social Assistance</b>	<b>13.1</b>
<b>Rest of Tasmania</b>	<b>Health Care and Social Assistance</b>	<b>11.5</b>
Launceston and North East	Health Care and Social Assistance	12.2
South East	Agriculture, Forestry and Fishing	15.6
West and North West	Manufacturing	12.4
<b>Northern Territory</b>	<b>Public Administration and Safety</b>	<b>21.3</b>
<b>Greater Darwin</b>	<b>Public Administration and Safety</b>	<b>21.9</b>
<b>Rest of Northern Territory</b>	<b>Public Administration and Safety</b>	<b>20.5</b>
Northern Territory - Outback	Public Administration and Safety	20.5
<i>Alice Springs</i>	Public Administration and Safety	19.0
<i>Barkly</i>	Public Administration and Safety	26.4
<i>Daly - Tiwi - West Arnhem</i>	Public Administration and Safety	18.8
<i>East Arnhem</i>	Public Administration and Safety	14.8
<i>Katherine</i>	Public Administration and Safety	27.9
<b>Australian Capital Territory</b>	<b>Public Administration and Safety</b>	<b>33.2</b>
<b>Australian Capital Cities</b>	<b>Health Care and Social Assistance</b>	<b>11.7</b>
<b>Australian Rest of States</b>	<b>Health Care and Social Assistance</b>	<b>12.3</b>

Source: ABS 2017, Customised report, Census of Population and Housing, Australia

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

Data based on place of usual residence.

Calculation excludes Inadequately Described and Not Stated categories from the denominator.

The Community Development Employment Projects (CDEP) Scheme, a former Indigenous employment program, can influence employment measures for regions which had CDEP participation. CDEP participants were classified as employed in both the 2006 and 2011 Censuses, but the scheme was phased out from 2009, so there were fewer participants in 2011. Participants in a replacement scheme were not classified as employed in the 2016 Census (for more details see ABS 2012, Labour Force Characteristics of Aboriginal and Torres Strait Islander Australians, Estimates from the Labour Force Survey, 2011 (cat. no. 6287.0); ABS 2013, Australian Social Trends, Nov 2013 (cat. no. 4102.0); ABS 2016, Census of Population and Housing: Census Dictionary, 2016 (cat. no. 2901.0)).

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## 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.<sup>69</sup> This indicator is based on the place of usual residence of the employed person and not the location at which they work.

Table C 3.1.2.a Main growth and decline industries by remoteness class

Remoteness Class	2006 - 2011	
	Industry	change persons
<b>Growth</b>		
Major Cities	Health Care and Social Assistance	155,978
Inner Regional	Health Care and Social Assistance	39,443
Outer Regional	Health Care and Social Assistance	15,484
Remote	Mining	3,539
Very Remote	Mining	7,471
AUSTRALIA	Health Care and Social Assistance	211,484
<b>Decline</b>		
Major Cities	Manufacturing	-38,539
Inner Regional	Agriculture, Forestry and Fishing	-9,437
Outer Regional	Agriculture, Forestry and Fishing	-13,492
Remote	Agriculture, Forestry and Fishing	-3,922
Very Remote	Public Administration and Safety	-3,574
AUSTRALIA	Manufacturing	-49,187

Source: ABS 2017, Customised report, Census of Population and Housing, Australia

Remoteness Area classification is based on the 2011 ASGS.

Data based on place of usual residence.

Aggregations may not sum from lower spatial units.

2016 Census data is not presented, as data was not ready prior to publication of this yearbook.

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

Table C 3.1.2.b Main growth and decline industries by major urban area

Major Urban Area	Industry	2006 - 2011	change persons
		Growth	
Greater Sydney	Health Care and Social Assistance		35,651
Greater Melbourne	Health Care and Social Assistance		41,715
Greater Brisbane	Health Care and Social Assistance		28,204
Greater Perth	Construction		19,183
Greater Adelaide	Health Care and Social Assistance		11,518
Gold Coast - Tweed Heads	Health Care and Social Assistance		8,415
Newcastle - Maitland	Health Care and Social Assistance		4,782
Canberra - Queanbeyan	Public Administration and Safety		12,162
Sunshine Coast	Health Care and Social Assistance		4,451
Wollongong	Health Care and Social Assistance		3,006
Geelong	Health Care and Social Assistance		3,189
Greater Hobart	Education and Training		1,361
Townsville	Health Care and Social Assistance		2,473
Cairns	Health Care and Social Assistance		2,582
Greater Darwin	Public Administration and Safety		2,133
Toowoomba	Health Care and Social Assistance		1,497
Ballarat	Health Care and Social Assistance		1,252
Bendigo	Health Care and Social Assistance		1,323
Albury - Wodonga	Health Care and Social Assistance		1,072
Launceston	Public Administration and Safety		508
		Decline	
Greater Sydney	Manufacturing		-9,632
Greater Melbourne	Manufacturing		-12,071
Greater Brisbane	Manufacturing		-6,211
Greater Perth	Information Media and Telecommunications		-709
Greater Adelaide	Manufacturing		-9,046
Gold Coast - Tweed Heads	Manufacturing		-839
Newcastle - Maitland	Agriculture, Forestry and Fishing		-411
Canberra - Queanbeyan	Manufacturing		-810
Sunshine Coast	Agriculture, Forestry and Fishing		-373
Wollongong	Manufacturing		-1,694
Geelong	Manufacturing		-1,549
Greater Hobart	Manufacturing		-1,040
Townsville	Agriculture, Forestry and Fishing		-83
Cairns	Construction		-270
Greater Darwin	Agriculture, Forestry and Fishing		-150
Toowoomba	Manufacturing		-991
Ballarat	Manufacturing		-204
Bendigo	Information Media and Telecommunications		-332
Albury - Wodonga	Manufacturing		-416
Launceston	Wholesale Trade		-220

Source: ABS 2017, Customised report, Census of Population and Housing, Australia

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.

Data based on place of usual residence.

Aggregations may not sum from lower spatial units.

2016 Census data is not presented, as data was not ready prior to publication of this yearbook.

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

Sub-State Region	Industry	2006 - 2011	change persons
		Growth	
<b>New South Wales</b>	<b>Health Care and Social Assistance</b>		<b>59,981</b>
<b>Greater Sydney</b>	<b>Health Care and Social Assistance</b>		<b>35,651</b>
Central Coast	Health Care and Social Assistance		3,142
Sydney - Baulkham Hills and Hawkesbury	Health Care and Social Assistance		1,324
Sydney - Blacktown	Health Care and Social Assistance		3,718
Sydney - City and Inner South	Professional, Scientific and Technical Services		5,654
Sydney - Eastern Suburbs	Professional, Scientific and Technical Services		3,088
Sydney - Inner South West	Health Care and Social Assistance		4,257
Sydney - Inner West	Professional, Scientific and Technical Services		2,489
Sydney - North Sydney and Hornsby	Professional, Scientific and Technical Services		3,631
Sydney - Northern Beaches	Professional, Scientific and Technical Services		2,138
Sydney - Outer South West	Health Care and Social Assistance		2,269
Sydney - Outer West and Blue Mountains	Health Care and Social Assistance		1,940
Sydney - Parramatta	Health Care and Social Assistance		4,004
Sydney - Ryde	Professional, Scientific and Technical Services		1,234
Sydney - South West	Health Care and Social Assistance		2,669
Sydney - Sutherland	Health Care and Social Assistance		1,280
<b>Rest of New South Wales</b>	<b>Health Care and Social Assistance</b>		<b>24,282</b>
Capital Region	Public Administration and Safety		2,565
Central West	Mining		2,198
Coffs Harbour - Grafton	Health Care and Social Assistance		1,581
Far West and Orana	Health Care and Social Assistance		792
Hunter Valley exc Newcastle	Mining		3,324
Illawarra	Health Care and Social Assistance		3,023
Mid North Coast	Health Care and Social Assistance		2,309
Murray	Health Care and Social Assistance		960
New England and North West	Health Care and Social Assistance		1,401
Newcastle and Lake Macquarie	Health Care and Social Assistance		3,972
Richmond - Tweed	Health Care and Social Assistance		2,572
Riverina	Health Care and Social Assistance		1,154
Southern Highlands and Shoalhaven	Health Care and Social Assistance		1,452
<b>Victoria</b>	<b>Health Care and Social Assistance</b>		<b>55,865</b>
<b>Greater Melbourne</b>	<b>Health Care and Social Assistance</b>		<b>41,715</b>
Melbourne - Inner	Professional, Scientific and Technical Services		8,946
Melbourne - Inner East	Health Care and Social Assistance		2,175
Melbourne - Inner South	Professional, Scientific and Technical Services		3,523
Melbourne - North East	Health Care and Social Assistance		5,281
Melbourne - North West	Construction		3,343
Melbourne - Outer East	Health Care and Social Assistance		3,956
Melbourne - South East	Health Care and Social Assistance		7,867
Melbourne - West	Health Care and Social Assistance		8,067
Mornington Peninsula	Construction		2,820
<b>Rest of Victoria</b>	<b>Health Care and Social Assistance</b>		<b>14,115</b>
Ballarat	Health Care and Social Assistance		1,784
Bendigo	Health Care and Social Assistance		1,708
Geelong	Health Care and Social Assistance		3,467

(continued)

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

Sub-State Region	Industry	2006 - 2011	change persons
		Growth	
Hume	Health Care and Social Assistance		1,441
Latrobe - Gippsland	Health Care and Social Assistance		2,274
North West	Health Care and Social Assistance		1,092
Shepparton	Health Care and Social Assistance		1,257
Warrnambool and South West	Health Care and Social Assistance		1,080
<b>Queensland</b>	<b>Health Care and Social Assistance</b>		<b>56,225</b>
<b>Greater Brisbane</b>	<b>Health Care and Social Assistance</b>		<b>28,204</b>
Brisbane - East	Health Care and Social Assistance		2,756
Brisbane - North	Health Care and Social Assistance		3,207
Brisbane - South	Health Care and Social Assistance		4,629
Brisbane - West	Professional, Scientific and Technical Services		1,724
Brisbane Inner City	Professional, Scientific and Technical Services		4,531
Ipswich	Health Care and Social Assistance		3,248
Logan - Beaudesert	Health Care and Social Assistance		3,482
Moreton Bay - North	Health Care and Social Assistance		3,101
Moreton Bay - South	Health Care and Social Assistance		2,988
<b>Rest of Queensland</b>	<b>Health Care and Social Assistance</b>		<b>28,060</b>
Cairns	Health Care and Social Assistance		3,366
Darling Downs - Maranoa	Mining		1,060
Central Queensland	Mining		2,891
Gold Coast	Health Care and Social Assistance		7,546
Mackay - Isaac - Whitsunday	Mining		3,746
Queensland - Outback	Mining		1,647
<i>Far North</i>	Mining		599
<i>Outback - North</i>	Mining		971
<i>Outback - South</i>	Construction		306
Sunshine Coast	Health Care and Social Assistance		4,885
Toowoomba	Health Care and Social Assistance		1,610
Townsville	Health Care and Social Assistance		2,734
Wide Bay	Health Care and Social Assistance		3,570
<b>South Australia</b>	<b>Health Care and Social Assistance</b>		<b>14,382</b>
<b>Greater Adelaide</b>	<b>Health Care and Social Assistance</b>		<b>11,518</b>
Adelaide - Central and Hills	Health Care and Social Assistance		1,988
Adelaide - North	Health Care and Social Assistance		3,684
Adelaide - South	Health Care and Social Assistance		3,422
Adelaide - West	Health Care and Social Assistance		2,424
<b>Rest of South Australia</b>	<b>Health Care and Social Assistance</b>		<b>2,846</b>
Barossa - Yorke - Mid North	Health Care and Social Assistance		778
South Australia - Outback	Mining		1,218
<i>Eyre Peninsula and South West</i>	Mining		473
<i>Outback - North and East</i>	Mining		751
South Australia - South East	Health Care and Social Assistance		1,665
<b>Western Australia</b>	<b>Mining</b>		<b>27,862</b>
<b>Greater Perth</b>	<b>Construction</b>		<b>19,183</b>
Mandurah	Mining		1,102
Perth - Inner	Professional, Scientific and Technical Services		3,032
Perth - North East	Construction		2,096

(continued)

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

Sub-State Region	Industry	2006 - 2011	change persons
		Growth	
Perth - North West	Construction		6,214
Perth - South East	Professional, Scientific and Technical Services		4,393
Perth - South West	Construction		4,535
<b>Rest of Western Australia</b>	<b>Mining</b>		<b>10,346</b>
Bunbury	Construction		1,820
Western Australia - Wheat Belt	Mining		1,168
Western Australia - Outback (North)	Mining		5,967
Kimberley	Education and Training		613
East Pilbara	Mining		3,493
West Pilbara	Construction		2,320
Western Australia - Outback (South)	Mining		2,041
Esperance	Mining		251
Gascoyne	Construction		117
Goldfields	Mining		1,052
Mid West	Construction		836
<b>Tasmania</b>	<b>Construction</b>		<b>2,862</b>
<b>Greater Hobart</b>	<b>Education and Training</b>		<b>1,361</b>
<b>Rest of Tasmania</b>	<b>Construction</b>		<b>1,579</b>
Launceston and North East	Construction		691
South East	Health Care and Social Assistance		287
West and North West	Mining		753
<b>Northern Territory</b>	<b>Construction</b>		<b>1,960</b>
<b>Greater Darwin</b>	<b>Public Administration and Safety</b>		<b>2,133</b>
<b>Rest of Northern Territory</b>	<b>Other Services</b>		<b>1,265</b>
Northern Territory - Outback	Other Services		1,265
Alice Springs	Health Care and Social Assistance		317
Barkly	Education and Training		79
Daly - Tiwi - West Arnhem	Other Services		568
East Arnhem	Other Services		415
Katherine	Other Services		236
<b>Australian Capital Territory</b>	<b>Public Administration and Safety</b>		<b>11,026</b>
<b>Australian Capital Cities</b>	<b>Health Care and Social Assistance</b>		<b>138,254</b>
<b>Australian Rest of States</b>	<b>Health Care and Social Assistance</b>		<b>73,132</b>

(continued)

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

Sub-State Region	Industry	2006 - 2011	change persons
		Decline	
<b>New South Wales</b>	<b>Manufacturing</b>		<b>-13,118</b>
<b>Greater Sydney</b>	<b>Manufacturing</b>		<b>-9,632</b>
Central Coast	Manufacturing		-250
Sydney - Baulkham Hills and Hawkesbury	Manufacturing		-526
Sydney - Blacktown	Manufacturing		-469
Sydney - City and Inner South	Manufacturing		-178
Sydney - Eastern Suburbs	Manufacturing		-225
Sydney - Inner South West	Manufacturing		-2,065
Sydney - Inner West	Manufacturing		-278
Sydney - North Sydney and Hornsby	Retail Trade		-1,050
Sydney - Northern Beaches	Manufacturing		-723
Sydney - Outer South West	Manufacturing		-342
Sydney - Outer West and Blue Mountains	Manufacturing		-1,032
Sydney - Parramatta	Manufacturing		-437
Sydney - Ryde	Retail Trade		-338
Sydney - South West	Manufacturing		-1,234
Sydney - Sutherland	Manufacturing		-1,242
<b>Rest of New South Wales</b>	<b>Agriculture, Forestry and Fishing</b>		<b>-8,373</b>
Capital Region	Agriculture, Forestry and Fishing		-740
Central West	Agriculture, Forestry and Fishing		-1,276
Coffs Harbour - Grafton	Agriculture, Forestry and Fishing		-198
Far West and Orana	Agriculture, Forestry and Fishing		-685
Hunter Valley exc Newcastle	Agriculture, Forestry and Fishing		-543
Illawarra	Manufacturing		-1,826
Mid North Coast	Manufacturing		-498
Murray	Agriculture, Forestry and Fishing		-1,531
New England and North West	Agriculture, Forestry and Fishing		-1,066
Newcastle and Lake Macquarie	Agriculture, Forestry and Fishing		-219
Richmond - Tweed	Agriculture, Forestry and Fishing		-704
Riverina	Agriculture, Forestry and Fishing		-874
Southern Highlands and Shoalhaven	Agriculture, Forestry and Fishing		-74
<b>Victoria</b>	<b>Manufacturing</b>		<b>-16,057</b>
<b>Greater Melbourne</b>	<b>Manufacturing</b>		<b>-12,071</b>
Melbourne - Inner	Manufacturing		-705
Melbourne - Inner East	Manufacturing		-1,464
Melbourne - Inner South	Manufacturing		-1,730
Melbourne - North East	Manufacturing		-1,792
Melbourne - North West	Manufacturing		-1,457
Melbourne - Outer East	Manufacturing		-3,297
Melbourne - South East	Manufacturing		-1,088
Melbourne - West	Agriculture, Forestry and Fishing		-14
Mornington Peninsula	Manufacturing		-880
<b>Rest of Victoria</b>	<b>Agriculture, Forestry and Fishing</b>		<b>-6,466</b>
Ballarat	Manufacturing		-590
Bendigo	Agriculture, Forestry and Fishing		-356
Geelong	Manufacturing		-1,506
Hume	Manufacturing		-762

(continued)

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

Sub-State Region	Industry	2006 - 2011	change persons
		Decline	
Latrobe - Gippsland	Agriculture, Forestry and Fishing		-872
North West	Agriculture, Forestry and Fishing		-2,034
Shepparton	Agriculture, Forestry and Fishing		-1,376
Warrnambool and South West	Agriculture, Forestry and Fishing		-948
<b>Queensland</b>	<b>Manufacturing</b>		<b>-8,545</b>
<b>Greater Brisbane</b>	<b>Manufacturing</b>		<b>-6,211</b>
Brisbane - East	Manufacturing		-528
Brisbane - North	Manufacturing		-786
Brisbane - South	Manufacturing		-1,309
Brisbane - West	Retail Trade		-913
Brisbane Inner City	Manufacturing		-879
Ipswich	Manufacturing		-775
Logan - Beaudesert	Manufacturing		-973
Moreton Bay - North	Agriculture, Forestry and Fishing		-290
Moreton Bay - South	Information Media and Telecommunications		-139
<b>Rest of Queensland</b>	<b>Agriculture, Forestry and Fishing</b>		<b>-5,283</b>
Cairns	Manufacturing		-418
Darling Downs - Maranoa	Agriculture, Forestry and Fishing		-1,208
Central Queensland	Agriculture, Forestry and Fishing		-464
Gold Coast	Manufacturing		-892
Mackay - Isaac - Whitsunday	Agriculture, Forestry and Fishing		-730
Queensland - Outback	Public Administration and Safety		-2,104
<i>Far North</i>	Public Administration and Safety		-1,968
<i>Outback - North</i>	Agriculture, Forestry and Fishing		-80
<i>Outback - South</i>	Agriculture, Forestry and Fishing		-9
Sunshine Coast	Agriculture, Forestry and Fishing		-633
Toowoomba	Manufacturing		-938
Townsville	Agriculture, Forestry and Fishing		-439
Wide Bay	Agriculture, Forestry and Fishing		-1,204
<b>South Australia</b>	<b>Manufacturing</b>		<b>-10,599</b>
<b>Greater Adelaide</b>	<b>Manufacturing</b>		<b>-9,046</b>
Adelaide - Central and Hills	Manufacturing		-1,069
Adelaide - North	Manufacturing		-3,052
Adelaide - South	Manufacturing		-3,654
Adelaide - West	Manufacturing		-1,271
<b>Rest of South Australia</b>	<b>Agriculture, Forestry and Fishing</b>		<b>-2,808</b>
Barossa - Yorke - Mid North	Agriculture, Forestry and Fishing		-872
South Australia - Outback	Agriculture, Forestry and Fishing		-519
<i>Eyre Peninsula and South West</i>	Agriculture, Forestry and Fishing		-512
<i>Outback - North and East</i>	Public Administration and Safety		-196
South Australia - South East	Agriculture, Forestry and Fishing		-1,426
<b>Western Australia</b>	<b>Agriculture, Forestry and Fishing</b>		<b>-4,455</b>
<b>Greater Perth</b>	<b>Information Media and Telecommunications</b>		<b>-709</b>
Mandurah	Agriculture, Forestry and Fishing		-7
Perth - Inner	Manufacturing		-67
Perth - North East	Information Media and Telecommunications		-194
Perth - North West	Information Media and Telecommunications		-269

(continued)



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

Sub-State Region	Industry	2006 - 2011	change persons
		Decline	
Perth - South East	Information Media and Telecommunications		-268
Perth - South West	Agriculture, Forestry and Fishing		-166
<b>Rest of Western Australia</b>	<b>Agriculture, Forestry and Fishing</b>		<b>-3,748</b>
Bunbury	Agriculture, Forestry and Fishing		-637
Western Australia - Wheat Belt	Agriculture, Forestry and Fishing		-2,320
Western Australia - Outback (North)	Public Administration and Safety		-235
<i>Kimberley</i>	Public Administration and Safety		-408
<i>East Pilbara</i>	Information Media and Telecommunications		-6
<i>West Pilbara</i>	Retail Trade		-33
Western Australia - Outback (South)	Agriculture, Forestry and Fishing		-793
<i>Esperance</i>	Agriculture, Forestry and Fishing		-138
<i>Gascoyne</i>	Agriculture, Forestry and Fishing		-123
<i>Goldfields</i>	Health Care and Social Assistance		-120
<i>Mid West</i>	Agriculture, Forestry and Fishing		-498
<b>Tasmania</b>	<b>Manufacturing</b>		<b>-2,207</b>
<b>Greater Hobart</b>	<b>Manufacturing</b>		<b>-1,040</b>
<b>Rest of Tasmania</b>	<b>Manufacturing</b>		<b>-1,153</b>
Launceston and North East	Agriculture, Forestry and Fishing		-482
South East	Agriculture, Forestry and Fishing		-258
West and North West	Manufacturing		-674
<b>Northern Territory</b>	<b>Agriculture, Forestry and Fishing</b>		<b>-195</b>
<b>Greater Darwin</b>	<b>Agriculture, Forestry and Fishing</b>		<b>-150</b>
<b>Rest of Northern Territory</b>	<b>Public Administration and Safety</b>		<b>-390</b>
Northern Territory - Outback	Public Administration and Safety		-390
<i>Alice Springs</i>	Accommodation and Food Services		-202
<i>Barkly</i>	Agriculture, Forestry and Fishing		-64
<i>Daly - Tiwi - West Arnhem</i>	Public Administration and Safety		-238
<i>East Arnhem</i>	Public Administration and Safety		-350
<i>Katherine</i>	Health Care and Social Assistance		-100
<b>Australian Capital Territory</b>	<b>Manufacturing</b>		<b>-664</b>
<b>Australian Capital Cities</b>	<b>Manufacturing</b>		<b>-37,952</b>
<b>Australian Rest of States</b>	<b>Agriculture, Forestry and Fishing</b>		<b>-27,814</b>

Source: ABS 2017, Customised report, Census of Population and Housing, Australia

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

Data based on place of usual residence.

Aggregations may not sum from lower spatial units.

2016 Census data is not presented, as data was not ready prior to publication of this yearbook.

### 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.<sup>70</sup> 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.

Table C 3.1.3.a Structural change index by remoteness class

Remoteness Class	2006 - 2011
	index
Major Cities	3.6
Inner Regional	4.0
Outer Regional	4.4
Remote	6.1
Very Remote	15.7
AUSTRALIA	3.8

Source: ABS 2017, Customised report, Census of Population and Housing, Australia

Remoteness Area classification is based on the 2011 ASGS.

Data based on place of usual residence.

Calculation excludes Inadequately Described and Not Stated categories from the denominator.

Structural change index is based on the Productivity Commission 1998, Aspects of structural change in Australia, research paper, Melbourne.

The Community Development Employment Projects (CDEP) Scheme, a former Indigenous employment program, can influence employment measures for regions which had CDEP participation. CDEP participants were classified as employed in both the 2006 and 2011 Censuses, but the scheme was phased out from 2009, so there were fewer participants in 2011. Participants in a replacement scheme were not classified as employed in the 2016 Census (for more details see ABS 2012, Labour Force Characteristics of Aboriginal and Torres Strait Islander Australians, Estimates from the Labour Force Survey, 2011 (cat. no. 6287.0); ABS 2013, Australian Social Trends, Nov 2013 (cat. no. 4102.0); ABS 2016, Census of Population and Housing: Census Dictionary, 2016 (cat. no. 2901.0)).

2016 Census data is not presented, as data was not ready prior to publication of this yearbook.

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

Table C 3.1.3.b Structural change index by major urban area

Major Urban Area	2006 - 2011
	index
Greater Sydney	2.7
Greater Melbourne	3.9
Greater Brisbane	4.6
Greater Perth	4.5
Greater Adelaide	4.4
Gold Coast - Tweed Heads	5.5
Newcastle - Maitland	3.4
Canberra - Queanbeyan	3.7
Sunshine Coast	5.6
Wollongong	4.5
Geelong	5.4
Greater Hobart	3.8
Townsville	3.0
Cairns	6.5
Greater Darwin	4.6
Toowoomba	5.2
Ballarat	4.7
Bendigo	4.2
Albury - Wodonga	4.7
Launceston	4.4

Source: ABS 2017, Customised report, Census of Population and Housing, Australia

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.

Structural change index is based on the Productivity Commission 1998, Aspects of structural change in Australia, research paper, Melbourne.

Calculation excludes Inadequately Described and Not Stated categories from the denominator.

Data based on place of usual residence.

The Community Development Employment Projects (CDEP) Scheme, a former Indigenous employment program, can influence employment measures for regions which had CDEP participation. CDEP participants were classified as employed in both the 2006 and 2011 Censuses, but the scheme was phased out from 2009, so there were fewer participants in 2011. Participants in a replacement scheme were not classified as employed in the 2016 Census (for more details see ABS 2012, Labour Force Characteristics of Aboriginal and Torres Strait Islander Australians, Estimates from the Labour Force Survey, 2011 (cat. no. 6287.0); ABS 2013, Australian Social Trends, Nov 2013 (cat. no. 4102.0); ABS 2016, Census of Population and Housing: Census Dictionary, 2016 (cat. no. 2901.0)).

2016 Census data is not presented, as data was not ready prior to publication of this yearbook.

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

<b>Sub-State Region</b>	<b>2006 - 2011 index</b>
<b>New South Wales</b>	<b>3.1</b>
<b>Greater Sydney</b>	<b>2.7</b>
Central Coast	3.5
Sydney - Baulkham Hills and Hawkesbury	2.5
Sydney - Blacktown	3.6
Sydney - City and Inner South	3.5
Sydney - Eastern Suburbs	3.4
Sydney - Inner South West	3.4
Sydney - Inner West	2.6
Sydney - North Sydney and Hornsby	2.6
Sydney - Northern Beaches	2.9
Sydney - Outer South West	3.1
Sydney - Outer West and Blue Mountains	2.6
Sydney - Parramatta	3.2
Sydney - Ryde	2.8
Sydney - South West	3.5
Sydney - Sutherland	3.5
<b>Rest of New South Wales</b>	<b>3.9</b>
Capital Region	4.5
Central West	5.3
Coffs Harbour - Grafton	4.5
Far West and Orana	3.9
Hunter Valley exc Newcastle	4.3
Illawarra	4.5
Mid North Coast	4.7
Murray	4.9
New England and North West	3.5
Newcastle and Lake Macquarie	3.2
Richmond - Tweed	4.4
Riverina	3.7
Southern Highlands and Shoalhaven	3.9
<b>Victoria</b>	<b>4.1</b>
<b>Greater Melbourne</b>	<b>3.9</b>
Melbourne - Inner	3.5
Melbourne - Inner East	2.9
Melbourne - Inner South	3.8
Melbourne - North East	4.4
Melbourne - North West	4.7
Melbourne - Outer East	4.4
Melbourne - South East	4.4
Melbourne - West	4.6
Mornington Peninsula	3.9
<b>Rest of Victoria</b>	<b>4.5</b>
Ballarat	4.8
Bendigo	4.5
Geelong	5.2
Hume	4.0

(continued)

## Structural change index by sub-state region (continued)

Sub-State Region	2006 - 2011 index
Latrobe - Gippsland	4.3
North West	4.6
Shepparton	5.0
Warrnambool and South West	3.9
<b>Queensland</b>	<b>4.4</b>
<b>Greater Brisbane</b>	<b>4.6</b>
Brisbane - East	4.8
Brisbane - North	5.2
Brisbane - South	5.3
Brisbane - West	5.0
Brisbane Inner City	5.4
Ipswich	4.8
Logan - Beaudesert	4.7
Moreton Bay - North	4.5
Moreton Bay - South	4.7
<b>Rest of Queensland</b>	<b>4.8</b>
Cairns	5.1
Darling Downs - Maranoa	6.1
Central Queensland	4.9
Gold Coast	5.6
Mackay - Isaac - Whitsunday	5.2
Queensland - Outback	10.5
<i>Far North</i>	22.3
<i>Outback - North</i>	6.5
<i>Outback - South</i>	4.7
Sunshine Coast	5.5
Toowoomba	4.7
Townsville	3.1
Wide Bay	5.5
<b>South Australia</b>	<b>4.5</b>
<b>Greater Adelaide</b>	<b>4.4</b>
Adelaide - Central and Hills	3.3
Adelaide - North	4.9
Adelaide - South	4.8
Adelaide - West	4.8
<b>Rest of South Australia</b>	<b>4.8</b>
Barossa - Yorke - Mid North	4.5
South Australia - Outback	5.8
<i>Eyre Peninsula and South West</i>	5.3
<i>Outback - North and East</i>	8.2
South Australia - South East	5.4
<b>Western Australia</b>	<b>5.0</b>
<b>Greater Perth</b>	<b>4.5</b>
Mandurah	5.5
Perth - Inner	5.5
Perth - North East	4.3
Perth - North West	4.7
Perth - South East	4.5

(continued)

*Structural change index by sub-state region (continued)*

<b>Sub-State Region</b>	<b>2006 - 2011 index</b>
Perth - South West	5.1
<b>Rest of Western Australia</b>	<b>6.8</b>
Bunbury	4.7
Western Australia - Wheat Belt	6.5
Western Australia - Outback (North)	13.0
<i>Kimberley</i>	10.1
<i>East Pilbara</i>	14.2
<i>West Pilbara</i>	12.2
Western Australia - Outback (South)	5.3
<i>Esperance</i>	7.6
<i>Gascoyne</i>	8.9
<i>Goldfields</i>	4.8
<i>Mid West</i>	6.5
<b>Tasmania</b>	<b>4.5</b>
<b>Greater Hobart</b>	<b>3.8</b>
<b>Rest of Tasmania</b>	<b>5.0</b>
Launceston and North East	4.7
South East	6.0
West and North West	5.1
<b>Northern Territory</b>	<b>4.6</b>
<b>Greater Darwin</b>	<b>4.6</b>
<b>Rest of Northern Territory</b>	<b>8.6</b>
Northern Territory - Outback	8.6
<i>Alice Springs</i>	5.3
<i>Barkly</i>	13.2
<i>Daly - Tiwi - West Arnhem</i>	21.4
<i>East Arnhem</i>	17.5
<i>Katherine</i>	9.0
<b>Australian Capital Territory</b>	<b>3.8</b>
<b>Australian Capital Cities</b>	<b>3.6</b>
<b>Australian Rest of States</b>	<b>4.3</b>

Source: ABS 2017, Customised report, Census of Population and Housing, Australia

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

Structural change index is based on the Productivity Commission 1998, Aspects of structural change in Australia, research paper, Melbourne.

Calculation excludes Inadequately Described and Not Stated categories from the denominator.

Data based on place of usual residence.

The Community Development Employment Projects (CDEP) Scheme, a former Indigenous employment program, can influence employment measures for regions which had CDEP participation. CDEP participants were classified as employed in both the 2006 and 2011 Censuses, but the scheme was phased out from 2009, so there were fewer participants in 2011. Participants in a replacement scheme were not classified as employed in the 2016 Census (for more details see ABS 2012, Labour Force Characteristics of Aboriginal and Torres Strait Islander Australians, Estimates from the Labour Force Survey, 2011 (cat. no. 6287.0); ABS 2013, Australian Social Trends, Nov 2013 (cat. no. 4102.0); ABS 2016, Census of Population and Housing: Census Dictionary, 2016 (cat. no. 2901.0)).







2016 Census data is not presented, as data was not ready prior to publication of this yearbook.

## 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 over the financial 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	2012 businesses	2014 businesses	2016 businesses	2012 - 2016 change businesses	Trend
Major Cities	1,496,071	1,473,142	1,543,172	47,101	
Inner Regional	365,265	357,239	361,420	-3,845	
Outer Regional	205,885	201,558	199,385	-6,500	
Remote	31,982	31,608	30,815	-1,167	
Very Remote	12,048	11,970	11,776	-272	
AUSTRALIA	2,141,283	2,100,163	2,171,544	30,261	

Source: ABS 2017, Customised report, Counts of Australian Businesses, including Entries and Exits, Jun 2012 to Jun 2016, (cat. no. 8165.0)  
Remoteness Area classification is based on the 2011 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	2012	2014	2016	2012 - 2016	Trend
	businesses	businesses	businesses	change businesses	
Greater Sydney	478,822	470,756	497,587	18,765	
Greater Melbourne	413,719	411,295	433,587	19,868	
Greater Brisbane	189,819	184,733	191,383	1,564	
Greater Perth	171,251	169,889	176,383	5,132	
Greater Adelaide	109,017	105,923	107,200	-1,817	
Gold Coast - Tweed Heads	65,101	62,909	66,031	930	
Newcastle - Maitland	29,706	29,565	30,791	1,085	
Canberra - Queanbeyan	28,086	27,504	28,323	237	
Sunshine Coast	31,570	30,909	32,340	770	
Wollongong	16,041	15,702	16,570	529	
Geelong	17,306	17,425	18,249	943	
Greater Hobart	15,246	14,763	14,871	-375	
Townsville	11,248	10,970	10,726	-522	
Cairns	12,655	12,230	12,280	-375	
Greater Darwin	10,348	10,288	10,362	14	
Toowoomba	10,268	10,444	10,671	403	
Ballarat	7,346	7,509	7,792	446	
Bendigo	6,286	6,267	6,311	25	
Albury - Wodonga	6,968	6,897	7,069	101	
Launceston	6,497	6,155	6,218	-279	

Source: ABS 2017, Customised report, Counts of Australian Businesses, including Entries and Exits, Jun 2012 to Jun 2016, (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

Sub-State Region	2012 businesses	2014 businesses	2016 businesses	2012 - 2016 change businesses	Trend
<b>New South Wales</b>	<b>710,780</b>	<b>697,009</b>	<b>727,433</b>	<b>16,653</b>	
<b>Greater Sydney</b>	<b>478,822</b>	<b>470,756</b>	<b>497,587</b>	<b>18,765</b>	
Central Coast	21,827	21,280	21,907	80	
Sydney - Baulkham Hills and Hawkesbury	25,636	25,529	27,248	1,612	
Sydney - Blacktown	18,283	17,906	19,531	1,248	
Sydney - City and Inner South	73,264	72,175	75,538	2,274	
Sydney - Eastern Suburbs	31,066	30,631	32,117	1,051	
Sydney - Inner South West	49,519	48,759	52,333	2,814	
Sydney - Inner West	31,201	30,948	33,000	1,799	
Sydney - North Sydney and Hornsby	55,093	54,251	56,520	1,427	
Sydney - Northern Beaches	30,982	30,597	31,283	301	
Sydney - Outer South West	16,027	15,497	16,516	489	
Sydney - Outer West and Blue Mountains	21,136	20,233	21,062	-74	
Sydney - Parramatta	38,392	38,111	41,932	3,540	
Sydney - Ryde	17,081	16,934	18,078	997	
Sydney - South West	28,384	27,429	29,557	1,173	
Sydney - Sutherland	20,930	20,479	20,961	31	
<b>Rest of New South Wales</b>	<b>220,254</b>	<b>216,233</b>	<b>219,661</b>	<b>-593</b>	
Capital Region	20,779	20,258	20,401	-378	
Central West	19,528	19,429	19,529	1	
Coffs Harbour - Grafton	10,860	10,514	10,472	-388	
Far West and Orana	11,709	11,586	11,522	-187	
Hunter Valley exc Newcastle	17,974	17,646	18,266	292	
Illawarra	16,725	16,368	17,263	538	
Mid North Coast	16,266	15,837	15,930	-336	
Murray	11,957	11,825	11,882	-75	
New England and North West	20,101	20,013	19,729	-372	
Newcastle and Lake Macquarie	24,176	23,917	24,837	661	
Richmond - Tweed	22,132	21,437	22,027	-105	
Riverina	16,120	15,848	15,859	-261	
Southern Highlands and Shoalhaven	11,932	11,566	11,946	14	
<b>Victoria</b>	<b>551,205</b>	<b>545,936</b>	<b>570,071</b>	<b>18,866</b>	
<b>Greater Melbourne</b>	<b>413,719</b>	<b>411,295</b>	<b>433,587</b>	<b>19,868</b>	
Melbourne - Inner	94,348	95,961	100,729	6,381	
Melbourne - Inner East	42,611	42,537	44,699	2,088	
Melbourne - Inner South	46,691	45,977	47,486	795	
Melbourne - North East	36,376	36,037	37,642	1,266	
Melbourne - North West	26,623	26,184	28,449	1,826	
Melbourne - Outer East	44,582	42,891	43,338	-1,244	
Melbourne - South East	57,272	56,804	61,054	3,782	
Melbourne - West	41,490	41,665	46,068	4,578	
Mornington Peninsula	23,733	23,238	24,105	372	
<b>Rest of Victoria</b>	<b>132,077</b>	<b>130,075</b>	<b>131,746</b>	<b>-331</b>	
Ballarat	12,428	12,673	13,043	615	
Bendigo	12,004	11,900	12,060	56	
Geelong	20,303	20,374	21,298	995	

(continued)

## Actively trading businesses by sub-state region (continued)

Sub-State Region	2012 businesses	2014 businesses	2016 businesses	2012 - 2016 change businesses	Trend
Hume	17,697	17,179	17,447	-250	
Latrobe - Gippsland	24,479	23,901	24,155	-324	
North West	17,074	16,726	16,654	-420	
Shepparton	13,825	13,479	13,500	-325	
Warrnambool and South West	14,279	13,843	13,596	-683	
<b>Queensland</b>	<b>428,549</b>	<b>416,780</b>	<b>425,570</b>	<b>-2,979</b>	
<b>Greater Brisbane</b>	<b>189,819</b>	<b>184,733</b>	<b>191,383</b>	<b>1,564</b>	
Brisbane - East	18,466	17,922	18,417	-49	
Brisbane - North	15,377	15,010	15,763	386	
Brisbane - South	31,396	30,837	32,648	1,252	
Brisbane - West	14,661	14,340	14,591	-70	
Brisbane Inner City	43,174	43,090	44,177	1,003	
Ipswich	17,352	16,713	17,357	5	
Logan - Beaudesert	22,170	20,858	21,704	-466	
Moreton Bay - North	14,618	13,754	14,008	-610	
Moreton Bay - South	12,601	12,210	12,721	120	
<b>Rest of Queensland</b>	<b>232,651</b>	<b>227,255</b>	<b>229,377</b>	<b>-3,274</b>	
Cairns	22,872	22,129	22,041	-831	
Darling Downs - Maranoa	18,452	18,788	18,580	128	
Central Queensland	18,267	17,931	17,412	-855	
Gold Coast	61,863	59,832	62,772	909	
Mackay - Isaac - Whitsunday	16,484	15,927	15,014	-1,470	
Queensland - Outback	7,222	7,259	7,126	-96	
Far North	1,711	1,690	1,741	30	
Outback - North	2,321	2,342	2,227	-94	
Outback - South	3,192	3,231	3,162	-30	
Sunshine Coast	35,506	34,512	36,031	525	
Toowoomba	11,949	12,135	12,408	459	
Townsville	17,351	16,930	16,441	-910	
Wide Bay	22,671	21,809	21,561	-1,110	
<b>South Australia</b>	<b>148,137</b>	<b>143,586</b>	<b>144,514</b>	<b>-3,623</b>	
<b>Greater Adelaide</b>	<b>109,017</b>	<b>105,923</b>	<b>107,200</b>	<b>-1,817</b>	
Adelaide - Central and Hills	46,579	46,252	46,684	105	
Adelaide - North	21,600	20,342	20,978	-622	
Adelaide - South	22,752	21,757	21,724	-1,028	
Adelaide - West	18,084	17,571	17,821	-263	
<b>Rest of South Australia</b>	<b>36,946</b>	<b>36,042</b>	<b>35,728</b>	<b>-1,218</b>	
Barossa - Yorke - Mid North	11,191	11,032	10,991	-200	
South Australia - Outback	6,860	6,653	6,441	-419	
Eyre Peninsula and South West	5,461	5,345	5,189	-272	
Outback - North and East	1,406	1,314	1,254	-152	
South Australia - South East	18,900	18,359	18,292	-608	
<b>Western Australia</b>	<b>221,901</b>	<b>218,783</b>	<b>225,005</b>	<b>3,104</b>	
<b>Greater Perth</b>	<b>171,251</b>	<b>169,889</b>	<b>176,383</b>	<b>5,132</b>	
Mandurah	5,700	5,487	5,704	4	
Perth - Inner	35,625	35,485	35,940	315	
Perth - North East	19,642	19,251	19,941	299	

(continued)

## Actively trading businesses by sub-state region (continued)

Sub-State Region	2012 businesses	2014 businesses	2016 businesses	2012 - 2016 change businesses	Trend
Perth - North West	43,105	43,093	45,215	2,110	
Perth - South East	37,599	37,128	38,777	1,178	
Perth - South West	29,582	29,447	30,801	1,219	
<b>Rest of Western Australia</b>	<b>48,608</b>	<b>47,515</b>	<b>47,250</b>	<b>-1,358</b>	
Bunbury	15,721	15,439	15,695	-26	
Western Australia - Wheat Belt	17,019	16,776	16,690	-329	
Western Australia - Outback (North)	4,960	4,755	4,458	-502	
<i>Kimberley</i>	2,513	2,362	2,266	-247	
<i>East Pilbara</i>	1,082	1,020	953	-129	
<i>West Pilbara</i>	1,367	1,366	1,236	-131	
Western Australia - Outback (South)	10,915	10,543	10,401	-514	
<i>Esperance</i>	2,046	2,025	2,021	-25	
<i>Gascoyne</i>	999	981	1,011	12	
<i>Goldfields</i>	2,582	2,391	2,307	-275	
<i>Mid West</i>	5,289	5,151	5,057	-232	
<b>Tasmania</b>	<b>38,630</b>	<b>37,028</b>	<b>37,046</b>	<b>-1,584</b>	
<b>Greater Hobart</b>	<b>15,246</b>	<b>14,763</b>	<b>14,871</b>	<b>-375</b>	
<b>Rest of Tasmania</b>	<b>23,004</b>	<b>21,986</b>	<b>21,910</b>	<b>-1,094</b>	
Launceston and North East	11,769	11,226	11,283	-486	
South East	3,128	3,000	2,965	-163	
West and North West	8,109	7,764	7,665	-444	
<b>Northern Territory</b>	<b>14,657</b>	<b>14,277</b>	<b>14,312</b>	<b>-345</b>	
<b>Greater Darwin</b>	<b>10,348</b>	<b>10,288</b>	<b>10,362</b>	<b>14</b>	
<b>Rest of Northern Territory</b>	<b>3,929</b>	<b>3,649</b>	<b>3,629</b>	<b>-300</b>	
Northern Territory - Outback	3,929	3,649	3,629	-300	
<i>Alice Springs</i>	2,224	2,071	2,006	-218	
<i>Barkly</i>	218	203	198	-20	
<i>Daly - Tiwi - West Arnhem</i>	331	312	344	13	
<i>East Arnhem</i>	255	197	190	-65	
<i>Katherine</i>	904	866	889	-15	
<b>Australian Capital Territory</b>	<b>25,822</b>	<b>25,322</b>	<b>26,183</b>	<b>361</b>	
<b>Australian Capital Cities</b>	<b>1,414,044</b>	<b>1,392,969</b>	<b>1,457,556</b>	<b>43,512</b>	
<b>Australian Rest of States</b>	<b>697,469</b>	<b>682,755</b>	<b>689,301</b>	<b>-8,168</b>	

Source: ABS 2017, Customised report, Counts of Australian Businesses, including Entries and Exits, Jun 2012 to Jun 2016, (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 during 2015-16. 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	1-4 employees	5-19 employees	20 or more employees
	per cent	per cent	per cent	per cent
<b>2016</b>				
Major Cities	60.8	27.9	8.8	2.4
Inner Regional	60.7	27.4	9.9	2.0
Outer Regional	61.0	26.8	10.2	2.0
Remote	60.0	27.1	10.7	2.2
Very Remote	61.4	26.9	9.7	2.0
AUSTRALIA	60.7	27.6	9.2	2.5

Source: ABS 2017, Customised report, Counts of Australian Businesses, including Entries and Exits, Jun 2012 to Jun 2016 (cat. no. 8165.0)  
Remoteness Area classification is based on the 2011 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	1-4 employees	5-19 employees	20 or more employees
	per cent	per cent	per cent	per cent
2016				
Greater Sydney	58.6	30.9	8.2	2.3
Greater Melbourne	61.9	27.4	8.3	2.3
Greater Brisbane	60.8	27.2	9.4	2.5
Greater Perth	63.0	24.7	9.4	2.9
Greater Adelaide	66.6	22.1	8.9	2.4
Gold Coast - Tweed Heads	62.9	26.3	8.6	2.2
Newcastle - Maitland	54.4	30.8	12.0	2.9
Canberra - Queanbeyan	57.1	29.2	10.7	2.9
Sunshine Coast	61.0	27.5	9.5	2.0
Wollongong	54.0	33.0	10.8	2.1
Geelong	59.5	28.5	9.7	2.3
Greater Hobart	60.1	25.6	11.4	2.9
Townsville	56.2	27.0	13.6	3.2
Cairns	57.7	27.8	11.6	2.9
Greater Darwin	59.4	24.6	11.9	4.1
Toowoomba	60.1	26.0	11.1	2.8
Ballarat	59.4	27.0	11.0	2.5
Bendigo	55.0	29.6	12.4	2.9
Albury - Wodonga	59.1	27.0	11.1	2.8
Launceston	57.2	26.6	13.2	2.9

Source: ABS 2017, Customised report, Counts of Australian Businesses, including Entries and Exits, Jun 2012 to Jun 2016 (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

Sub-State Region	Non-employed	1-4 employees	5-19 employees	20 or more employees
	per cent	per cent	per cent	per cent
2016				
<b>New South Wales</b>	<b>58.5</b>	<b>30.2</b>	<b>8.9</b>	<b>2.4</b>
<b>Greater Sydney</b>	<b>58.6</b>	<b>30.9</b>	<b>8.2</b>	<b>2.3</b>
Central Coast	54.2	33.8	9.9	2.0
Sydney - Baulkham Hills and Hawkesbury	57.1	32.8	8.3	1.8
Sydney - Blacktown	57.3	32.0	8.4	2.3
Sydney - City and Inner South	58.8	27.0	9.9	4.2
Sydney - Eastern Suburbs	64.3	27.6	6.5	1.6
Sydney - Inner South West	60.3	31.4	6.9	1.4
Sydney - Inner West	60.7	30.5	7.2	1.6
Sydney - North Sydney and Hornsby	61.1	28.8	7.7	2.4
Sydney - Northern Beaches	58.8	31.4	7.9	1.9
Sydney - Outer South West	54.0	34.8	9.2	2.0
Sydney - Outer West and Blue Mountains	54.7	34.1	9.4	1.9
Sydney - Parramatta	58.4	31.4	7.9	2.3
Sydney - Ryde	60.1	30.4	7.1	2.4
Sydney - South West	53.4	36.8	7.9	1.9
Sydney - Sutherland	56.4	33.1	8.9	1.6
<b>Rest of New South Wales</b>	<b>58.7</b>	<b>28.9</b>	<b>10.4</b>	<b>1.9</b>
Capital Region	56.7	30.9	10.8	1.6
Central West	58.8	28.8	10.7	1.7
Coffs Harbour - Grafton	59.0	28.5	10.6	1.9
Far West and Orana	60.4	27.2	10.7	1.7
Hunter Valley exc Newcastle	58.2	28.7	10.7	2.4
Illawarra	54.2	33.0	10.7	2.1
Mid North Coast	60.7	28.0	9.5	1.8
Murray	59.4	27.6	10.7	2.3
New England and North West	62.6	26.8	9.4	1.3
Newcastle and Lake Macquarie	54.3	31.1	11.8	2.8
Richmond - Tweed	64.0	25.3	8.9	1.8
Riverina	59.5	28.2	10.4	1.9
Southern Highlands and Shoalhaven	56.2	31.9	10.3	1.7
<b>Victoria</b>	<b>61.6</b>	<b>27.4</b>	<b>8.6</b>	<b>2.4</b>
<b>Greater Melbourne</b>	<b>61.9</b>	<b>27.4</b>	<b>8.3</b>	<b>2.3</b>
Melbourne - Inner	63.0	24.4	9.4	3.3
Melbourne - Inner East	63.5	27.5	7.4	1.6
Melbourne - Inner South	64.0	26.5	7.6	1.9
Melbourne - North East	61.8	28.8	7.5	1.9
Melbourne - North West	62.6	26.7	8.3	2.4
Melbourne - Outer East	57.9	31.1	8.9	2.1
Melbourne - South East	60.4	28.2	8.8	2.6
Melbourne - West	62.6	28.3	7.3	1.9
Mornington Peninsula	59.6	30.2	8.6	1.6
<b>Rest of Victoria</b>	<b>60.9</b>	<b>27.8</b>	<b>9.5</b>	<b>1.9</b>
Ballarat	60.0	28.8	9.2	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-employed</i>	<i>1-4 employees</i>	<i>5-19 employees</i>	<i>20 or more employees</i>
	<i>per cent</i>	<i>per cent</i>	<i>per cent</i>	<i>per cent</i>
Geelong	60.0	28.4	9.5	2.1
Hume	63.7	26.0	8.8	1.5
Latrobe - Gippsland	63.4	26.2	8.8	1.6
North West	57.9	30.4	9.9	1.8
Shepparton	61.9	26.2	9.9	2.1
Warrnambool and South West	59.5	28.6	10.1	1.8
<b>Queensland</b>	<b>61.4</b>	<b>26.5</b>	<b>9.6</b>	<b>2.6</b>
<b>Greater Brisbane</b>	<b>60.8</b>	<b>27.2</b>	<b>9.4</b>	<b>2.5</b>
Brisbane - East	58.1	29.5	10.0	2.5
Brisbane - North	60.2	26.7	10.0	3.0
Brisbane - South	60.9	27.1	9.6	2.4
Brisbane - West	61.0	29.3	7.8	1.9
Brisbane Inner City	63.2	23.9	9.6	3.3
Ipswich	62.3	26.4	8.9	2.4
Logan - Beaudesert	60.8	27.8	9.3	2.1
Moreton Bay - North	58.3	29.9	9.5	2.3
Moreton Bay - South	57.6	31.2	9.2	2.0
<b>Rest of Queensland</b>	<b>62.1</b>	<b>26.0</b>	<b>9.6</b>	<b>2.3</b>
Cairns	59.6	26.6	11.1	2.8
Darling Downs - Maranoa	68.7	22.2	7.4	1.7
Central Queensland	62.4	25.1	10.3	2.2
Gold Coast	63.0	26.3	8.4	2.2
Mackay - Isaac - Whitsunday	59.8	26.4	10.9	2.8
Queensland - Outback	62.7	25.4	9.8	2.0
<i>Far North</i>	62.6	22.4	11.6	3.4
<i>Outback - North</i>	59.1	26.0	12.1	2.7
<i>Outback - South</i>	65.1	26.6	7.2	1.1
Sunshine Coast	61.1	27.5	9.4	2.0
Toowoomba	60.5	26.1	10.7	2.7
Townsville	58.3	26.9	12.1	2.7
Wide Bay	62.5	25.1	10.1	2.3
<b>South Australia</b>	<b>65.0</b>	<b>23.2</b>	<b>9.4</b>	<b>2.4</b>
<b>Greater Adelaide</b>	<b>66.6</b>	<b>22.1</b>	<b>8.9</b>	<b>2.4</b>
Adelaide - Central and Hills	68.4	21.0	8.4	2.3
Adelaide - North	65.9	23.3	8.6	2.3
Adelaide - South	66.1	23.3	8.6	2.0
Adelaide - West	63.5	21.9	11.2	3.3
<b>Rest of South Australia</b>	<b>60.7</b>	<b>26.8</b>	<b>10.8</b>	<b>1.8</b>
Barossa - Yorke - Mid North	61.4	27.5	9.6	1.5
South Australia - Outback	57.6	28.3	12.0	2.1
<i>Eyre Peninsula and South West</i>	58.2	28.4	11.5	1.9
<i>Outback - North and East</i>	54.9	27.9	14.2	3.0
South Australia - South East	61.3	25.8	11.0	1.8
<b>Western Australia</b>	<b>62.2</b>	<b>25.1</b>	<b>9.7</b>	<b>3.0</b>
<b>Greater Perth</b>	<b>63.0</b>	<b>24.7</b>	<b>9.4</b>	<b>2.9</b>
Mandurah	61.2	26.3	9.9	2.6

(continued)

## Business size by sub-state region (continued)

<i>Sub-State Region</i>	<i>Non-employed</i>	<i>1-4 employees</i>	<i>5-19 employees</i>	<i>20 or more employees</i>
	<i>per cent</i>	<i>per cent</i>	<i>per cent</i>	<i>per cent</i>
Perth - Inner	63.2	23.7	9.4	3.7
Perth - North East	61.8	25.3	9.9	2.9
Perth - North West	64.2	25.0	8.5	2.3
Perth - South East	62.9	24.6	9.7	2.9
Perth - South West	62.4	24.8	9.8	2.9
<b>Rest of Western Australia</b>	<b>59.9</b>	<b>26.7</b>	<b>10.7</b>	<b>2.6</b>
Bunbury	62.6	23.6	10.9	2.9
Western Australia - Wheat Belt	60.2	29.0	9.1	1.7
Western Australia - Outback (North)	56.5	25.2	13.6	4.7
<i>Kimberley</i>	55.6	25.1	14.2	5.1
<i>East Pilbara</i>	59.8	24.0	12.1	4.1
<i>West Pilbara</i>	55.5	26.1	13.8	4.6
Western Australia - Outback (South)	56.9	28.4	11.9	2.9
<i>Esperance</i>	57.9	30.0	10.3	1.7
<i>Gascoyne</i>	56.1	24.8	14.4	4.7
<i>Goldfields</i>	52.7	29.0	14.2	4.1
<i>Mid West</i>	58.5	28.2	10.9	2.4
<b>Tasmania</b>	<b>59.5</b>	<b>25.9</b>	<b>11.6</b>	<b>2.9</b>
<b>Greater Hobart</b>	<b>60.1</b>	<b>25.6</b>	<b>11.4</b>	<b>2.9</b>
<b>Rest of Tasmania</b>	<b>59.5</b>	<b>26.2</b>	<b>11.8</b>	<b>2.5</b>
Launceston and North East	59.7	26.1	11.8	2.4
South East	62.0	24.2	10.9	3.0
West and North West	58.0	27.1	12.3	2.6
<b>Northern Territory</b>	<b>57.9</b>	<b>24.4</b>	<b>13.0</b>	<b>4.7</b>
<b>Greater Darwin</b>	<b>59.4</b>	<b>24.6</b>	<b>11.9</b>	<b>4.1</b>
<b>Rest of Northern Territory</b>	<b>55.4</b>	<b>24.2</b>	<b>15.4</b>	<b>5.1</b>
Northern Territory - Outback	55.4	24.2	15.4	5.1
<i>Alice Springs</i>	56.1	22.8	15.8	5.4
<i>Barkly</i>	49.8	30.5	16.7	3.0
<i>Daly - Tiwi - West Arnhem</i>	65.0	19.7	10.7	4.6
<i>East Arnhem</i>	53.7	24.7	13.2	8.4
<i>Katherine</i>	51.6	27.6	16.2	4.6
<b>Australian Capital Territory</b>	<b>57.0</b>	<b>29.3</b>	<b>10.7</b>	<b>3.0</b>
<b>Australian Capital Cities</b>	<b>61.0</b>	<b>27.9</b>	<b>8.7</b>	<b>2.4</b>
<b>Australian Rest of States</b>	<b>60.4</b>	<b>27.4</b>	<b>10.1</b>	<b>2.1</b>

Source: ABS 2017, Customised report, Counts of Australian Businesses, including Entries and Exits, Jun 2012 to Jun 2016 (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 industries

Employment in knowledge-intensive industries indicates the number of people working in high and medium-high technology manufacturing sectors such as communication equipment manufacturing, or knowledge-oriented services such as education, medical services and banking. These industries tend to be concentrated in certain regions since investment, infrastructure and human capital tend to be geographically clustered.<sup>71</sup> Knowledge-intensive industries are important for regional economies because of their links to innovative products, new production processes, productivity and the creation of well-paying jobs. 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 remoteness class

Remoteness Class	2006 per cent	2011 per cent	2006 - 2011 change percentage points
Major Cities	33.7	34.9	1.2
Inner Regional	25.9	26.8	0.9
Outer Regional	21.7	22.9	1.2
Remote	19.0	19.9	0.9
Very Remote	15.6	18.2	2.6
AUSTRALIA	30.8	32.1	1.3

Source: ABS 2017, Customised report, Census of Population and Housing, Australia

Remoteness Area classification is based on the 2011 ASGS.

Data based on place of usual residence.

Includes high and medium-high technology manufacturing and knowledge-intensive services, based on the OECD publication Regions at a Glance 2009 <[http://dx.doi.org/10.1787/reg\\_glance-2009-en](http://dx.doi.org/10.1787/reg_glance-2009-en)>.

Calculation excludes Inadequately Described and Not Stated categories from the denominator.

The Community Development Employment Projects (CDEP) Scheme, a former Indigenous employment program, can influence employment measures for regions which had CDEP participation. CDEP participants were classified as employed in both the 2006 and 2011 Censuses, but the scheme was phased out from 2009, so there were fewer participants in 2011. Participants in a replacement scheme were not classified as employed in the 2016 Census (for more details see ABS 2012, Labour Force Characteristics of Aboriginal and Torres Strait Islander Australians, Estimates from the Labour Force Survey, 2011 (cat. no. 6287.0); ABS 2013, Australian Social Trends, Nov 2013 (cat. no. 4102.0); ABS 2016, Census of Population and Housing: Census Dictionary, 2016 (cat. no. 2901.0)).

2016 Census data is not presented, as data was not ready prior to publication of this yearbook.

<sup>71</sup> OECD 2009, *Regions at a Glance, Employment in Knowledge-Oriented Sectors*, Paris.

Table C 3.3.1.b Employment in knowledge intensive industries by major urban area

Major Urban Area	2006 per cent	2011 per cent	2006 - 2011 change percentage points
Greater Sydney	35.3	36.8	1.5
Greater Melbourne	35.6	36.6	1.0
Greater Brisbane	32.1	34.2	2.1
Greater Perth	31.0	32.3	1.3
Greater Adelaide	33.5	33.1	-0.4
Gold Coast - Tweed Heads	24.6	27.9	3.3
Newcastle - Maitland	31.3	32.5	1.2
Canberra - Queanbeyan	29.1	28.5	-0.6
Sunshine Coast	25.9	29.5	3.6
Wollongong	30.2	31.3	1.1
Geelong	31.2	32.0	0.8
Greater Hobart	28.6	29.7	1.1
Townsville	26.9	28.9	2.0
Cairns	24.9	28.2	3.3
Greater Darwin	25.5	25.4	-0.1
Toowoomba	31.6	32.7	1.1
Ballarat	34.2	34.7	0.5
Bendigo	31.7	32.5	0.8
Albury - Wodonga	27.2	27.8	0.6
Launceston	30.2	29.9	-0.3

Source: ABS 2017, Customised report, Census of Population and Housing, Australia

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.

Data based on place of usual residence.

Includes high and medium-high technology manufacturing and knowledge-intensive services, based on the OECD publication Regions at a Glance 2009 <[http://dx.doi.org/10.1787/reg\\_glance-2009-en](http://dx.doi.org/10.1787/reg_glance-2009-en)>.

Calculation excludes Inadequately Described and Not Stated categories from the denominator.

2016 Census data is not presented, as data was not ready prior to publication of this yearbook.

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

Sub-State Region	2006 per cent	2011 per cent	2006 - 2011 change percentage points
<b>New South Wales</b>	<b>32.1</b>	<b>33.4</b>	<b>1.3</b>
<b>Greater Sydney</b>	<b>35.3</b>	<b>36.8</b>	<b>1.5</b>
Central Coast	28.4	29.3	0.9
Sydney - Baulkham Hills and Hawkesbury	35.7	36.9	1.2
Sydney - Blacktown	30.8	32.1	1.3
Sydney - City and Inner South	39.7	42.4	2.7
Sydney - Eastern Suburbs	42.7	45.0	2.3
Sydney - Inner South West	31.4	32.4	1.0
Sydney - Inner West	40.9	42.3	1.4
Sydney - North Sydney and Hornsby	48.1	50.0	1.9
Sydney - Northern Beaches	36.5	38.7	2.2
Sydney - Outer South West	29.3	29.8	0.5
Sydney - Outer West and Blue Mountains	29.5	30.0	0.5
Sydney - Parramatta	33.8	35.3	1.5
Sydney - Ryde	42.5	44.7	2.2
Sydney - South West	26.6	28.3	1.7
Sydney - Sutherland	33.9	35.2	1.3
<b>Rest of New South Wales</b>	<b>26.0</b>	<b>27.0</b>	<b>1.0</b>
Capital Region	22.2	22.8	0.6
Central West	23.7	24.9	1.2
Coffs Harbour - Grafton	25.2	25.9	0.7
Far West and Orana	23.2	23.6	0.4
Hunter Valley exc Newcastle	23.3	24.3	1.0
Illawarra	30.2	31.3	1.1
Mid North Coast	25.0	26.1	1.1
Murray	22.5	23.8	1.3
New England and North West	24.8	25.2	0.4
Newcastle and Lake Macquarie	33.0	34.1	1.1
Richmond - Tweed	26.2	27.7	1.5
Riverina	22.8	23.6	0.8
Southern Highlands and Shoalhaven	25.7	26.2	0.5
<b>Victoria</b>	<b>33.3</b>	<b>34.3</b>	<b>1.0</b>
<b>Greater Melbourne</b>	<b>35.6</b>	<b>36.6</b>	<b>1.0</b>
Melbourne - Inner	44.6	46.0	1.4
Melbourne - Inner East	44.1	45.1	1.0
Melbourne - Inner South	40.8	42.3	1.5
Melbourne - North East	34.3	35.2	0.9
Melbourne - North West	30.7	31.4	0.7
Melbourne - Outer East	32.6	33.8	1.2
Melbourne - South East	31.6	32.1	0.5
Melbourne - West	31.5	32.8	1.3
Mornington Peninsula	27.8	28.7	0.9
<b>Rest of Victoria</b>	<b>26.1</b>	<b>27.0</b>	<b>0.9</b>
Ballarat	31.0	31.8	0.8
Bendigo	30.0	30.8	0.8

(continued)

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

Sub-State Region	2006 per cent	2011 per cent	2006 - 2011 change percentage points
Geelong	30.6	31.4	0.8
Hume	24.0	24.7	0.7
Latrobe - Gippsland	24.0	24.3	0.3
North West	23.3	23.8	0.5
Shepparton	22.4	24.2	1.8
Warrnambool and South West	22.0	23.1	1.1
<b>Queensland</b>	<b>27.9</b>	<b>30.3</b>	<b>2.4</b>
<b>Greater Brisbane</b>	<b>32.1</b>	<b>34.2</b>	<b>2.1</b>
Brisbane - East	28.7	31.2	2.5
Brisbane - North	32.5	35.2	2.7
Brisbane - South	35.6	38.2	2.6
Brisbane - West	42.0	44.4	2.4
Brisbane Inner City	41.2	43.2	2.0
Ipswich	26.6	28.4	1.8
Logan - Beaudesert	24.7	26.7	2.0
Moreton Bay - North	24.5	26.3	1.8
Moreton Bay - South	31.3	33.3	2.0
<b>Rest of Queensland</b>	<b>23.9</b>	<b>26.4</b>	<b>2.5</b>
Cairns	22.6	25.6	3.0
Darling Downs - Maranoa	19.7	20.7	1.0
Central Queensland	23.4	24.3	0.9
Gold Coast	24.7	28.1	3.4
Mackay - Isaac - Whitsunday	20.9	22.8	1.9
Queensland - Outback	17.4	20.8	3.4
<i>Far North</i>	14.9	23.6	8.7
<i>Outback - North</i>	18.4	20.1	1.7
<i>Outback - South</i>	18.8	18.8	0.0
Sunshine Coast	25.6	29.1	3.5
Toowoomba	30.8	31.6	0.8
Townsville	25.4	27.3	1.9
Wide Bay	23.1	26.0	2.9
<b>South Australia</b>	<b>30.6</b>	<b>30.5</b>	<b>-0.1</b>
<b>Greater Adelaide</b>	<b>33.5</b>	<b>33.1</b>	<b>-0.4</b>
Adelaide - Central and Hills	38.8	38.8	0.0
Adelaide - North	29.6	29.0	-0.6
Adelaide - South	34.5	34.0	-0.5
Adelaide - West	31.3	31.2	-0.1
<b>Rest of South Australia</b>	<b>20.5</b>	<b>21.1</b>	<b>0.6</b>
Barossa - Yorke - Mid North	21.5	21.7	0.2
South Australia - Outback	22.2	22.1	-0.1
<i>Eyre Peninsula and South West</i>	21.9	22.1	0.2
<i>Outback - North and East</i>	22.8	22.2	-0.6
South Australia - South East	19.2	20.3	1.1
<b>Western Australia</b>	<b>28.6</b>	<b>29.9</b>	<b>1.3</b>
<b>Greater Perth</b>	<b>31.0</b>	<b>32.3</b>	<b>1.3</b>
Mandurah	20.5	22.3	1.8
Perth - Inner	43.6	43.8	0.2

(continued)

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

Sub-State Region	2006 per cent	2011 per cent	2006 - 2011 change percentage points
Perth - North East	28.4	29.4	1.0
Perth - North West	31.8	33.1	1.3
Perth - South East	29.0	30.7	1.7
Perth - South West	29.6	31.4	1.8
<b>Rest of Western Australia</b>	<b>20.4</b>	<b>21.3</b>	<b>0.9</b>
Bunbury	20.6	22.3	1.7
Western Australia - Wheat Belt	19.8	21.1	1.3
Western Australia - Outback (North)	19.6	19.2	-0.4
<i>Kimberley</i>	19.9	25.6	5.7
<i>East Pilbara</i>	19.5	17.1	-2.4
<i>West Pilbara</i>	19.2	15.7	-3.5
Western Australia - Outback (South)	21.3	22.0	0.7
<i>Esperance</i>	18.5	19.5	1.0
<i>Gascoyne</i>	19.9	19.5	-0.4
<i>Goldfields</i>	21.3	22.3	1.0
<i>Mid West</i>	22.5	22.8	0.3
<b>Tasmania</b>	<b>26.3</b>	<b>26.8</b>	<b>0.5</b>
<b>Greater Hobart</b>	<b>28.6</b>	<b>29.7</b>	<b>1.1</b>
<b>Rest of Tasmania</b>	<b>24.4</b>	<b>24.5</b>	<b>0.1</b>
Launceston and North East	26.3	26.4	0.1
South East	18.7	19.9	1.2
West and North West	23.8	23.5	-0.3
<b>Northern Territory</b>	<b>23.6</b>	<b>24.8</b>	<b>1.2</b>
<b>Greater Darwin</b>	<b>25.5</b>	<b>25.4</b>	<b>-0.1</b>
<b>Rest of Northern Territory</b>	<b>20.6</b>	<b>23.8</b>	<b>3.2</b>
Northern Territory - Outback	20.6	23.8	3.2
<i>Alice Springs</i>	25.6	28.1	2.5
<i>Barkly</i>	17.2	22.1	4.9
<i>Daly - Tiwi - West Arnhem</i>	15.3	19.0	3.7
<i>East Arnhem</i>	13.6	19.3	5.7
<i>Katherine</i>	17.5	20.6	3.1
<b>Australian Capital Territory</b>	<b>29.8</b>	<b>29.2</b>	<b>-0.6</b>
<b>Australian Capital Cities</b>	<b>33.9</b>	<b>35.0</b>	<b>1.1</b>
<b>Australian Rest of States</b>	<b>24.6</b>	<b>26.0</b>	<b>1.4</b>

Source: ABS 2017, Customised report, Census of Population and Housing, Australia

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

Data based on place of usual residence.

Includes high and medium-high technology manufacturing and knowledge-intensive services, based on the OECD publication Regions at a Glance 2009 <[http://dx.doi.org/10.1787/reg\\_glance-2009-en](http://dx.doi.org/10.1787/reg_glance-2009-en)>.

Calculation excludes Inadequately Described and Not Stated categories from the denominator.

The Community Development Employment Projects (CDEP) Scheme, a former Indigenous employment program, can influence employment measures for regions which had CDEP participation. CDEP participants were classified as employed in both the 2006 and 2011 Censuses, but the scheme was phased out from 2009, so there were fewer participants in 2011. Participants in a replacement scheme were not classified as employed in the 2016 Census (for more details see ABS 2012, Labour Force Characteristics of Aboriginal and Torres Strait Islander Australians, Estimates from the Labour Force Survey, 2011 (cat. no. 6287.0); ABS 2013, Australian Social Trends, Nov 2013 (cat. no. 4102.0); ABS 2016, Census of Population and Housing: Census Dictionary, 2016 (cat. no. 2901.0)).

2016 Census data is not presented, as data was not ready prior to publication of this yearbook.