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Department of Infrastructure, Transport, Cities and Regional Development

Bureau of Infrastructure, Transport and Regional Economics

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Progress in Australian Regions



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.

| Industry and Innovation | |
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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

| <i>Sub-State Region</i> | <i>Top employing industry</i> | <i>Employment per cent</i> |
|--|---|--------------------------------|
| 2008 | | |
| New South Wales | Retail Trade | 11.5 |
| Greater Sydney | Retail Trade | 10.7 |
| Central Coast | Health Care and Social Assistance | 13.9 |
| Sydney - Baulkham Hills and Hawkesbury | Retail Trade | 10.5 |
| Sydney - Blacktown | Manufacturing | 13.3 |
| Sydney - City and Inner South | Professional, Scientific and Technical Services | 16.1 |
| Sydney - Eastern Suburbs | Professional, Scientific and Technical Services | 17.3 |
| Sydney - Inner South West | Retail Trade | 11.2 |
| Sydney - Inner West | Professional, Scientific and Technical Services | 13.0 |
| Sydney - North Sydney and Hornsby | Professional, Scientific and Technical Services | 18.0 |
| Sydney - Northern Beaches | Professional, Scientific and Technical Services | 12.9 |
| Sydney - Outer South West | Manufacturing | 13.4 |
| Sydney - Outer West and Blue Mountains | Health Care and Social Assistance | 12.1 |
| Sydney - Parramatta | Retail Trade | 12.6 |
| Sydney - Ryde | Professional, Scientific and Technical Services | 13.4 |
| Sydney - South West | Manufacturing | 17.4 |
| Sydney - Sutherland | Construction | 10.5 |
| Rest of New South Wales | Retail Trade | 13.1 |
| Capital Region | Public Administration and Safety | 15.1 |
| Central West | Retail Trade | 14.5 |
| Coffs Harbour - Grafton | Retail Trade | 15.3 |
| Far West and Orana | Agriculture, Forestry and Fishing | 21.6 |
| Hunter Valley exc Newcastle | Manufacturing | 12.1 |
| Illawarra | Retail Trade | 15.2 |
| Mid North Coast | Retail Trade | 18.2 |
| Murray | Retail Trade | 15.3 |
| New England and North West | Agriculture, Forestry and Fishing | 20.4 |
| Newcastle and Lake Macquarie | Retail Trade | 13.4 |
| Richmond - Tweed | Accommodation and Food Services | 12.2 |
| Riverina | Retail Trade | 11.8 |
| Southern Highlands and Shoalhaven | Retail Trade | 13.1 |
| Victoria | Manufacturing | 12.2 |
| Greater Melbourne | Manufacturing | 12.4 |
| Melbourne - Inner | Professional, Scientific and Technical Services | 15.6 |
| Melbourne - Inner East | Professional, Scientific and Technical Services | 13.1 |
| Melbourne - Inner South | Professional, Scientific and Technical Services | 13.8 |
| Melbourne - North East | Health Care and Social Assistance | 12.3 |
| Melbourne - North West | Manufacturing | 14.6 |
| Melbourne - Outer East | Manufacturing | 13.0 |
| Melbourne - South East | Manufacturing | 20.0 |
| Melbourne - West | Manufacturing | 14.3 |
| Mornington Peninsula | Manufacturing | 14.5 |
| Rest of Victoria | Health Care and Social Assistance | 12.5 |
| Ballarat | Retail Trade | 15.3 |
| Bendigo | Health Care and Social Assistance | 15.2 |
| Geelong | Health Care and Social Assistance | 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> |
|----------------------------------|---|--------------------------------|
| 2008 | | |
| Hume | Agriculture, Forestry and Fishing | 16.0 |
| Latrobe - Gippsland | Agriculture, Forestry and Fishing | 13.7 |
| North West | Agriculture, Forestry and Fishing | 18.1 |
| Shepparton | Agriculture, Forestry and Fishing | 18.5 |
| Warrnambool and South West | Manufacturing | 15.3 |
| Queensland | Retail Trade | 12.0 |
| Greater Brisbane | Retail Trade | 10.9 |
| Brisbane - East | Retail Trade | 12.7 |
| Brisbane - North | Retail Trade | 11.1 |
| Brisbane - South | Retail Trade | 10.2 |
| Brisbane - West | Professional, Scientific and Technical Services | 13.3 |
| Brisbane Inner City | Professional, Scientific and Technical Services | 14.8 |
| Ipswich | Manufacturing | 18.5 |
| Logan - Beaudesert | Manufacturing | 12.8 |
| Moreton Bay - North | Health Care and Social Assistance | 14.5 |
| Moreton Bay - South | Retail Trade | 12.1 |
| Rest of Queensland | Retail Trade | 13.0 |
| Cairns | Construction | 13.4 |
| Darling Downs - Maranoa | Agriculture, Forestry and Fishing | 26.6 |
| Central Queensland | Retail Trade | 11.5 |
| Gold Coast | Construction | 15.3 |
| Mackay - Isaac - Whitsunday | Retail Trade | 13.7 |
| Queensland - Outback | Agriculture, Forestry and Fishing | 21.8 |
| Sunshine Coast | Construction | 15.1 |
| Toowoomba | Retail Trade | 18.5 |
| Townsville | Retail Trade | 15.1 |
| Wide Bay | Retail Trade | 12.9 |
| South Australia | Health Care and Social Assistance | 12.4 |
| Greater Adelaide | Health Care and Social Assistance | 13.3 |
| Adelaide - Central and Hills | Health Care and Social Assistance | 13.1 |
| Adelaide - North | Manufacturing | 15.7 |
| Adelaide - South | Health Care and Social Assistance | 16.0 |
| Adelaide - West | Manufacturing | 13.9 |
| Rest of South Australia | Agriculture, Forestry and Fishing | 18.4 |
| Barossa - Yorke - Mid North | Agriculture, Forestry and Fishing | 19.3 |
| South Australia - Outback | Agriculture, Forestry and Fishing | 15.2 |
| South Australia - South East | Agriculture, Forestry and Fishing | 19.3 |
| Western Australia | Construction | 10.8 |
| Greater Perth | Retail Trade | 10.7 |
| Mandurah | Construction | 14.9 |
| Perth - Inner | Professional, Scientific and Technical Services | 15.9 |
| Perth - North East | Manufacturing | 12.3 |
| Perth - North West | Construction | 12.4 |
| Perth - South East | Retail Trade | 10.1 |
| Perth - South West | Construction | 11.1 |
| Rest of Western Australia | Agriculture, Forestry and Fishing | 13.2 |

(continued)

Top employing industry by sub-state region (continued)

| <i>Sub-State Region</i> | <i>Top employing industry</i> | <i>Employment per cent</i> |
|-------------------------------------|--|--------------------------------|
| 2008 | | |
| Bunbury | Construction | 13.3 |
| Western Australia - Outback | Mining | 14.9 |
| Western Australia - Wheat Belt | Agriculture, Forestry and Fishing | 30.9 |
| Tasmania | Health Care and Social Assistance | 12.2 |
| Greater Hobart | Health Care and Social Assistance | 12.9 |
| Rest of Tasmania | Health Care and Social Assistance | 11.6 |
| Launceston and North East | Health Care and Social Assistance | 12.7 |
| South East | Agriculture, Forestry and Fishing | 16.7 |
| West and North West | Manufacturing | 13.5 |
| Northern Territory | Public Administration and Safety | 17.1 |
| Greater Darwin | Public Administration and Safety | 14.6 |
| Rest of Northern Territory | Public Administration and Safety | 21.1 |
| Northern Territory - Outback | Public Administration and Safety | 21.1 |
| Australian Capital Territory | Public Administration and Safety | 29.0 |
| Australian Capital Cities | Retail Trade | 10.8 |
| Australian Rest of States | Retail Trade | 12.5 |
| AUSTRALIA | Retail Trade | 11.3 |

(continued)

Top employing industry by sub-state region (continued)

| <i>Sub-State Region</i> | <i>Top employing industry</i> | <i>Employment per cent</i> |
|--|---|--------------------------------|
| 2013 | | |
| New South Wales | Health Care and Social Assistance | 12.2 |
| Greater Sydney | Health Care and Social Assistance | 11.8 |
| Central Coast | Health Care and Social Assistance | 16.1 |
| Sydney - Baulkham Hills and Hawkesbury | Retail Trade | 13.9 |
| Sydney - Blacktown | Manufacturing | 12.4 |
| Sydney - City and Inner South | Professional, Scientific and Technical Services | 17.5 |
| Sydney - Eastern Suburbs | Professional, Scientific and Technical Services | 15.7 |
| Sydney - Inner South West | Health Care and Social Assistance | 11.9 |
| Sydney - Inner West | Professional, Scientific and Technical Services | 12.5 |
| Sydney - North Sydney and Hornsby | Professional, Scientific and Technical Services | 19.4 |
| Sydney - Northern Beaches | Professional, Scientific and Technical Services | 13.0 |
| Sydney - Outer South West | Manufacturing | 12.4 |
| Sydney - Outer West and Blue Mountains | Health Care and Social Assistance | 13.3 |
| Sydney - Parramatta | Health Care and Social Assistance | 14.0 |
| Sydney - Ryde | Professional, Scientific and Technical Services | 14.0 |
| Sydney - South West | Manufacturing | 13.2 |
| Sydney - Sutherland | Health Care and Social Assistance | 10.0 |
| Rest of New South Wales | Health Care and Social Assistance | 13.0 |
| Capital Region | Public Administration and Safety | 13.1 |
| Central West | Agriculture, Forestry and Fishing | 12.2 |
| Coffs Harbour - Grafton | Health Care and Social Assistance | 16.5 |
| Far West and Orana | Agriculture, Forestry and Fishing | 19.7 |
| Hunter Valley exc Newcastle | Health Care and Social Assistance | 11.5 |
| Illawarra | Health Care and Social Assistance | 13.0 |
| Mid North Coast | Retail Trade | 16.6 |
| Murray | Health Care and Social Assistance | 12.2 |
| New England and North West | Retail Trade | 14.3 |
| Newcastle and Lake Macquarie | Health Care and Social Assistance | 15.3 |
| Richmond - Tweed | Health Care and Social Assistance | 15.5 |
| Riverina | Agriculture, Forestry and Fishing | 12.6 |
| Southern Highlands and Shoalhaven | Health Care and Social Assistance | 17.9 |
| Victoria | Health Care and Social Assistance | 12.1 |
| Greater Melbourne | Health Care and Social Assistance | 11.8 |
| Melbourne - Inner | Professional, Scientific and Technical Services | 18.1 |
| Melbourne - Inner East | Professional, Scientific and Technical Services | 14.1 |
| Melbourne - Inner South | Professional, Scientific and Technical Services | 14.2 |
| Melbourne - North East | Health Care and Social Assistance | 11.5 |
| Melbourne - North West | Retail Trade | 12.1 |
| Melbourne - Outer East | Retail Trade | 12.7 |
| Melbourne - South East | Manufacturing | 15.5 |
| Melbourne - West | Manufacturing | 11.5 |
| Mornington Peninsula | Construction | 13.7 |
| Rest of Victoria | Health Care and Social Assistance | 13.4 |
| Ballarat | Health Care and Social Assistance | 15.5 |
| Bendigo | Health Care and Social Assistance | 14.1 |
| 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> |
|----------------------------------|---|--------------------------------|
| 2013 | | |
| Hume | Health Care and Social Assistance | 13.2 |
| Latrobe - Gippsland | Retail Trade | 12.4 |
| North West | Agriculture, Forestry and Fishing | 16.3 |
| Shepparton | Agriculture, Forestry and Fishing | 19.6 |
| Warrnambool and South West | Agriculture, Forestry and Fishing | 17.7 |
| Queensland | Health Care and Social Assistance | 11.9 |
| Greater Brisbane | Health Care and Social Assistance | 11.9 |
| Brisbane - East | Retail Trade | 12.2 |
| Brisbane - North | Health Care and Social Assistance | 14.2 |
| Brisbane - South | Health Care and Social Assistance | 12.4 |
| Brisbane - West | Education and Training | 15.0 |
| Brisbane Inner City | Professional, Scientific and Technical Services | 17.5 |
| Ipswich | Manufacturing | 13.4 |
| Logan - Beaudesert | Manufacturing | 11.7 |
| Moreton Bay - North | Health Care and Social Assistance | 15.3 |
| Moreton Bay - South | Construction | 11.8 |
| Rest of Queensland | Retail Trade | 12.2 |
| Cairns | Retail Trade | 13.9 |
| Darling Downs - Maranoa | Agriculture, Forestry and Fishing | 18.8 |
| Central Queensland | Construction | 14.8 |
| Gold Coast | Retail Trade | 14.8 |
| Mackay - Isaac - Whitsunday | Mining | 16.2 |
| Queensland - Outback | Public Administration and Safety | 16.3 |
| Sunshine Coast | Health Care and Social Assistance | 15.7 |
| Toowoomba | Health Care and Social Assistance | 15.4 |
| Townsville | Health Care and Social Assistance | 13.7 |
| Wide Bay | Health Care and Social Assistance | 14.4 |
| South Australia | Health Care and Social Assistance | 14.0 |
| Greater Adelaide | Health Care and Social Assistance | 14.9 |
| Adelaide - Central and Hills | Health Care and Social Assistance | 14.7 |
| Adelaide - North | Health Care and Social Assistance | 14.5 |
| Adelaide - South | Health Care and Social Assistance | 16.2 |
| Adelaide - West | Health Care and Social Assistance | 13.8 |
| Rest of South Australia | Agriculture, Forestry and Fishing | 15.2 |
| Barossa - Yorke - Mid North | Agriculture, Forestry and Fishing | 15.1 |
| South Australia - Outback | Agriculture, Forestry and Fishing | 13.1 |
| South Australia - South East | Agriculture, Forestry and Fishing | 16.3 |
| Western Australia | Construction | 10.5 |
| Greater Perth | Health Care and Social Assistance | 10.8 |
| Mandurah | Mining | 13.7 |
| Perth - Inner | Professional, Scientific and Technical Services | 15.4 |
| Perth - North East | Health Care and Social Assistance | 12.0 |
| Perth - North West | Construction | 12.8 |
| Perth - South East | Retail Trade | 10.7 |
| Perth - South West | Construction | 11.6 |
| Rest of Western Australia | Mining | 13.3 |

(continued)

Top employing industry by sub-state region (continued)

| <i>Sub-State Region</i> | <i>Top employing industry</i> | <i>Employment per cent</i> |
|-------------------------------------|--|--------------------------------|
| 2013 | | |
| Bunbury | Manufacturing | 11.9 |
| Western Australia - Outback | Mining | 22.1 |
| Western Australia - Wheat Belt | Agriculture, Forestry and Fishing | 20.4 |
| Tasmania | Health Care and Social Assistance | 13.5 |
| Greater Hobart | Health Care and Social Assistance | 13.9 |
| Rest of Tasmania | Health Care and Social Assistance | 13.1 |
| Launceston and North East | Health Care and Social Assistance | 13.6 |
| South East | Agriculture, Forestry and Fishing | 12.0 |
| West and North West | Health Care and Social Assistance | 13.6 |
| Northern Territory | Public Administration and Safety | 15.9 |
| Greater Darwin | Public Administration and Safety | 14.7 |
| Rest of Northern Territory | Public Administration and Safety | 17.9 |
| Northern Territory - Outback | Public Administration and Safety | 17.9 |
| Australian Capital Territory | Public Administration and Safety | 32.5 |
| Australian Capital Cities | Health Care and Social Assistance | 11.9 |
| Australian Rest of States | Health Care and Social Assistance | 12.4 |
| AUSTRALIA | 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> |
|--|--|--------------------------------|
| 2018 | | |
| New South Wales | Health Care and Social Assistance | 13.0 |
| Greater Sydney | Professional, Scientific and Technical Services | 12.0 |
| Central Coast | Health Care and Social Assistance | 15.9 |
| Sydney - Baulkham Hills and Hawkesbury | Professional, Scientific and Technical Services | 13.5 |
| Sydney - Blacktown | Health Care and Social Assistance | 12.4 |
| Sydney - City and Inner South | Professional, Scientific and Technical Services | 19.4 |
| Sydney - Eastern Suburbs | Professional, Scientific and Technical Services | 16.2 |
| Sydney - Inner South West | Retail Trade | 13.0 |
| Sydney - Inner West | Professional, Scientific and Technical Services | 13.9 |
| Sydney - North Sydney and Hornsby | Professional, Scientific and Technical Services | 23.4 |
| Sydney - Northern Beaches | Professional, Scientific and Technical Services | 14.9 |
| Sydney - Outer South West | Health Care and Social Assistance | 13.7 |
| Sydney - Outer West and Blue Mountains | Construction | 13.2 |
| Sydney - Parramatta | Health Care and Social Assistance | 11.2 |
| Sydney - Ryde | Health Care and Social Assistance | 15.8 |
| Sydney - South West | Construction | 13.4 |
| Sydney - Sutherland | Health Care and Social Assistance | 12.2 |
| Rest of New South Wales | Health Care and Social Assistance | 15.6 |
| Capital Region | Health Care and Social Assistance | 15.4 |
| Central West | Health Care and Social Assistance | 15.7 |
| Coffs Harbour - Grafton | Construction | 17.2 |
| Far West and Orana | Agriculture, Forestry and Fishing | 17.1 |
| Hunter Valley exc Newcastle | Health Care and Social Assistance | 14.3 |
| Illawarra | Health Care and Social Assistance | 13.1 |
| Mid North Coast | Health Care and Social Assistance | 17.6 |
| Murray | Health Care and Social Assistance | 15.3 |
| New England and North West | Health Care and Social Assistance | 18.6 |
| Newcastle and Lake Macquarie | Health Care and Social Assistance | 18.2 |
| Richmond - Tweed | Health Care and Social Assistance | 15.4 |
| Riverina | Health Care and Social Assistance | 14.7 |
| Southern Highlands and Shoalhaven | Health Care and Social Assistance | 16.0 |
| Victoria | Health Care and Social Assistance | 12.9 |
| Greater Melbourne | Health Care and Social Assistance | 12.5 |
| Melbourne - Inner | Professional, Scientific and Technical Services | 17.7 |
| Melbourne - Inner East | Health Care and Social Assistance | 14.8 |
| Melbourne - Inner South | Professional, Scientific and Technical Services | 15.7 |
| Melbourne - North East | Health Care and Social Assistance | 13.6 |
| Melbourne - North West | Health Care and Social Assistance | 12.8 |
| Melbourne - Outer East | Health Care and Social Assistance | 14.2 |
| Melbourne - South East | Manufacturing | 13.7 |
| Melbourne - West | Retail Trade | 11.1 |
| Mornington Peninsula | Construction | 12.4 |
| Rest of Victoria | Health Care and Social Assistance | 14.4 |
| Ballarat | Health Care and Social Assistance | 16.5 |
| Bendigo | Health Care and Social Assistance | 18.7 |
| Geelong | Health Care and Social Assistance | 12.6 |

(continued)

Top employing industry by sub-state region (continued)

| <i>Sub-State Region</i> | <i>Top employing industry</i> | <i>Employment per cent</i> |
|----------------------------------|---|--------------------------------|
| 2018 | | |
| Hume | Health Care and Social Assistance | 13.6 |
| Latrobe - Gippsland | Health Care and Social Assistance | 14.2 |
| North West | Agriculture, Forestry and Fishing | 21.1 |
| Shepparton | Agriculture, Forestry and Fishing | 22.3 |
| Warrnambool and South West | Agriculture, Forestry and Fishing | 28.2 |
| Queensland | Health Care and Social Assistance | 13.9 |
| Greater Brisbane | Health Care and Social Assistance | 14.1 |
| Brisbane - East | Health Care and Social Assistance | 14.7 |
| Brisbane - North | Health Care and Social Assistance | 17.9 |
| Brisbane - South | Health Care and Social Assistance | 14.3 |
| Brisbane - West | Health Care and Social Assistance | 18.3 |
| Brisbane Inner City | Professional, Scientific and Technical Services | 17.8 |
| Ipswich | Health Care and Social Assistance | 12.7 |
| Logan - Beaudesert | Retail Trade | 13.0 |
| Moreton Bay - North | Construction | 13.3 |
| Moreton Bay - South | Health Care and Social Assistance | 16.8 |
| Rest of Queensland | Health Care and Social Assistance | 13.6 |
| Cairns | Health Care and Social Assistance | 14.2 |
| Darling Downs - Maranoa | Health Care and Social Assistance | 13.9 |
| Central Queensland | Retail Trade | 10.6 |
| Gold Coast | Retail Trade | 13.0 |
| Mackay - Isaac - Whitsunday | Mining | 17.3 |
| Queensland - Outback | Mining | 18.1 |
| Sunshine Coast | Health Care and Social Assistance | 15.8 |
| Toowoomba | Health Care and Social Assistance | 18.6 |
| Townsville | Health Care and Social Assistance | 19.8 |
| Wide Bay | Health Care and Social Assistance | 14.7 |
| South Australia | Health Care and Social Assistance | 15.5 |
| Greater Adelaide | Health Care and Social Assistance | 16.3 |
| Adelaide - Central and Hills | Health Care and Social Assistance | 15.2 |
| Adelaide - North | Health Care and Social Assistance | 15.5 |
| Adelaide - South | Health Care and Social Assistance | 18.6 |
| Adelaide - West | Health Care and Social Assistance | 15.3 |
| Rest of South Australia | Agriculture, Forestry and Fishing | 17.0 |
| Barossa - Yorke - Mid North | Agriculture, Forestry and Fishing | 15.5 |
| South Australia - Outback | Agriculture, Forestry and Fishing | 21.7 |
| South Australia - South East | Agriculture, Forestry and Fishing | 15.7 |
| Western Australia | Health Care and Social Assistance | 12.9 |
| Greater Perth | Health Care and Social Assistance | 13.5 |
| Mandurah | Mining | 12.0 |
| Perth - Inner | Professional, Scientific and Technical Services | 15.6 |
| Perth - North East | Health Care and Social Assistance | 11.1 |
| Perth - North West | Health Care and Social Assistance | 14.3 |
| Perth - South East | Health Care and Social Assistance | 12.7 |
| Perth - South West | Health Care and Social Assistance | 15.0 |
| Rest of Western Australia | Agriculture, Forestry and Fishing | 11.7 |

(continued)

Top employing industry by sub-state region (continued)

| <i>Sub-State Region</i> | <i>Top employing industry</i> | <i>Employment per cent</i> |
|-------------------------------------|--|--------------------------------|
| 2018 | | |
| Bunbury | Health Care and Social Assistance | 14.6 |
| Western Australia - Outback | Mining | 18.2 |
| Western Australia - Wheat Belt | Agriculture, Forestry and Fishing | 25.2 |
| Tasmania | Health Care and Social Assistance | 15.2 |
| Greater Hobart | Health Care and Social Assistance | 16.6 |
| Rest of Tasmania | Health Care and Social Assistance | 14.2 |
| Launceston and North East | Health Care and Social Assistance | 15.6 |
| South East | Agriculture, Forestry and Fishing | 13.9 |
| West and North West | Health Care and Social Assistance | 14.0 |
| Northern Territory | Public Administration and Safety | 15.0 |
| Greater Darwin | Public Administration and Safety | 13.4 |
| Rest of Northern Territory | Health Care and Social Assistance | 19.7 |
| Northern Territory - Outback | Health Care and Social Assistance | 19.7 |
| Australian Capital Territory | Public Administration and Safety | 28.7 |
| Australian Capital Cities | Health Care and Social Assistance | 12.9 |
| Australian Rest of States | Health Care and Social Assistance | 14.3 |
| AUSTRALIA | Health Care and Social Assistance | 13.3 |

Source: ABS 2019, Labour Force, Australia, Detailed, Quarterly, May 2019 (cat. no. 6291.0.55.003).

Sub-state regions are based on the 2016 ASGS with the exception of Western Australia - Outback which is 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.⁷⁵ This indicator is based on the place of usual residence of the employed person and not the location at which they work.

⁷⁵ 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 by sub-state region

| Sub-State Region | 2013 - 2018 | change persons |
|--|---|----------------|
| | Industry | |
| | Growth | |
| New South Wales | Construction | 105,003 |
| Greater Sydney | Construction | 78,649 |
| Central Coast | Construction | 4,732 |
| Sydney - Baulkham Hills and Hawkesbury | Professional, Scientific and Technical Services | 8,529 |
| Sydney - Blacktown | Professional, Scientific and Technical Services | 8,302 |
| Sydney - City and Inner South | Professional, Scientific and Technical Services | 11,842 |
| Sydney - Eastern Suburbs | Construction | 4,682 |
| Sydney - Inner South West | Construction | 17,975 |
| Sydney - Inner West | Professional, Scientific and Technical Services | 4,805 |
| Sydney - North Sydney and Hornsby | Professional, Scientific and Technical Services | 13,691 |
| Sydney - Northern Beaches | Professional, Scientific and Technical Services | 4,719 |
| Sydney - Outer South West | Health Care and Social Assistance | 4,590 |
| Sydney - Outer West and Blue Mountains | Construction | 7,683 |
| Sydney - Parramatta | Professional, Scientific and Technical Services | 10,010 |
| Sydney - Ryde | Education and Training | 6,782 |
| Sydney - South West | Construction | 9,999 |
| Sydney - Sutherland | Health Care and Social Assistance | 2,564 |
| Rest of New South Wales | Health Care and Social Assistance | 45,250 |
| Capital Region | Health Care and Social Assistance | 5,748 |
| Central West | Health Care and Social Assistance | 6,456 |
| Coffs Harbour - Grafton | Construction | 5,481 |
| Far West and Orana | Public Administration and Safety | 2,467 |
| Hunter Valley exc Newcastle | Health Care and Social Assistance | 4,654 |
| Illawarra | Construction | 6,354 |
| Mid North Coast | Health Care and Social Assistance | 5,591 |
| Murray | Health Care and Social Assistance | 2,052 |
| New England and North West | Health Care and Social Assistance | 7,020 |
| Newcastle and Lake Macquarie | Health Care and Social Assistance | 8,456 |
| Richmond - Tweed | Professional, Scientific and Technical Services | 4,325 |
| Riverina | Health Care and Social Assistance | 2,854 |
| Southern Highlands and Shoalhaven | Education and Training | 2,703 |
| Victoria | Health Care and Social Assistance | 77,550 |
| Greater Melbourne | Health Care and Social Assistance | 63,124 |
| Melbourne - Inner | Retail Trade | 11,659 |
| Melbourne - Inner East | Construction | 5,809 |
| Melbourne - Inner South | Professional, Scientific and Technical Services | 6,276 |
| Melbourne - North East | Health Care and Social Assistance | 11,590 |
| Melbourne - North West | Transport, Postal and Warehousing | 7,910 |
| Melbourne - Outer East | Construction | 11,295 |
| Melbourne - South East | Construction | 19,172 |
| Melbourne - West | Retail Trade | 13,938 |
| Mornington Peninsula | Transport, Postal and Warehousing | 2,288 |
| Rest of Victoria | Health Care and Social Assistance | 14,426 |
| Ballarat | Public Administration and Safety | 1,440 |
| Bendigo | Health Care and Social Assistance | 4,375 |

(continued)

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

| Sub-State Region | 2013 - 2018 | change persons |
|--------------------------------|---|----------------|
| | Industry | |
| | Growth | |
| Geelong | Education and Training | 7,590 |
| Hume | Construction | 2,494 |
| Latrobe - Gippsland | Health Care and Social Assistance | 5,559 |
| North West | Agriculture, Forestry and Fishing | 4,538 |
| Shepparton | Agriculture, Forestry and Fishing | 2,953 |
| Warrnambool and South West | Agriculture, Forestry and Fishing | 7,390 |
| Queensland | Health Care and Social Assistance | 71,962 |
| Greater Brisbane | Health Care and Social Assistance | 42,991 |
| Brisbane - East | Health Care and Social Assistance | 6,921 |
| Brisbane - North | Health Care and Social Assistance | 6,572 |
| Brisbane - South | Health Care and Social Assistance | 5,168 |
| Brisbane - West | Health Care and Social Assistance | 5,132 |
| Brisbane Inner City | Health Care and Social Assistance | 5,277 |
| Ipswich | Education and Training | 4,671 |
| Logan - Beaudesert | Retail Trade | 6,189 |
| Moreton Bay - North | Construction | 3,917 |
| Moreton Bay - South | Health Care and Social Assistance | 7,468 |
| Rest of Queensland | Health Care and Social Assistance | 28,971 |
| Cairns | Accommodation and Food Services | 3,342 |
| Darling Downs - Maranoa | Education and Training | 4,364 |
| Central Queensland | Agriculture, Forestry and Fishing | 7,962 |
| Gold Coast | Accommodation and Food Services | 16,120 |
| Mackay - Isaac - Whitsunday | Accommodation and Food Services | 3,166 |
| Queensland - Outback | Arts and Recreation Services | 636 |
| Sunshine Coast | Education and Training | 9,415 |
| Toowoomba | Health Care and Social Assistance | 3,567 |
| Townsville | Health Care and Social Assistance | 5,645 |
| Wide Bay | Public Administration and Safety | 2,350 |
| South Australia | Health Care and Social Assistance | 17,919 |
| Greater Adelaide | Health Care and Social Assistance | 12,892 |
| Adelaide - Central and Hills | Accommodation and Food Services | 3,454 |
| Adelaide - North | Construction | 4,718 |
| Adelaide - South | Health Care and Social Assistance | 3,330 |
| Adelaide - West | Health Care and Social Assistance | 3,716 |
| Rest of South Australia | Health Care and Social Assistance | 5,026 |
| Barossa - Yorke - Mid North | Construction | 1,578 |
| South Australia - Outback | Agriculture, Forestry and Fishing | 4,157 |
| South Australia - South East | Professional, Scientific and Technical Services | 1,818 |
| Western Australia | Health Care and Social Assistance | 35,712 |
| Greater Perth | Health Care and Social Assistance | 31,406 |
| Mandurah | Education and Training | 2,311 |
| Perth - Inner | Health Care and Social Assistance | 3,055 |
| Perth - North East | Public Administration and Safety | 4,487 |
| Perth - North West | Health Care and Social Assistance | 9,472 |
| Perth - South East | Health Care and Social Assistance | 7,954 |

(continued)

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

| Sub-State Region | 2013 - 2018 | change persons |
|-------------------------------------|--|----------------|
| | Industry | |
| | Growth | |
| Perth - South West | Health Care and Social Assistance | 11,278 |
| Rest of Western Australia | Agriculture, Forestry and Fishing | 11,153 |
| Bunbury | Agriculture, Forestry and Fishing | 7,907 |
| Western Australia - Outback | Accommodation and Food Services | 3,177 |
| Western Australia - Wheat Belt | Agriculture, Forestry and Fishing | 4,039 |
| Tasmania | Health Care and Social Assistance | 6,717 |
| Greater Hobart | Health Care and Social Assistance | 4,339 |
| Rest of Tasmania | Construction | 2,763 |
| Launceston and North East | Health Care and Social Assistance | 1,921 |
| South East | Accommodation and Food Services | 701 |
| West and North West | Agriculture, Forestry and Fishing | 1,331 |
| Northern Territory | Health Care and Social Assistance | 4,653 |
| Greater Darwin | Health Care and Social Assistance | 2,750 |
| Rest of Northern Territory | Health Care and Social Assistance | 1,903 |
| Northern Territory - Outback | Health Care and Social Assistance | 1,903 |
| Australian Capital Territory | Accommodation and Food Services | 5,833 |
| Australian Capital Cities | Health Care and Social Assistance | 201,200 |
| Australian Rest of States | Health Care and Social Assistance | 102,259 |
| AUSTRALIA | Health Care and Social Assistance | 303,459 |

(continued)

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

| 2013-2018 | | |
|--|--|----------------|
| Sub-State Region | Industry | change persons |
| | Decline | |
| New South Wales | Wholesale Trade | -15,058 |
| Greater Sydney | Wholesale Trade | -14,212 |
| Central Coast | Other Services | -3,837 |
| Sydney - Baulkham Hills and Hawkesbury | Education and Training | -2,793 |
| Sydney - Blacktown | Wholesale Trade | -2,151 |
| Sydney - City and Inner South | Accommodation and Food Services | -3,504 |
| Sydney - Eastern Suburbs | Administrative and Support Services | -1,886 |
| Sydney - Inner South West | Transport, Postal and Warehousing | -6,744 |
| Sydney - Inner West | Manufacturing | -2,271 |
| Sydney - North Sydney and Hornsby | Rental, Hiring and Real Estate Services | -3,207 |
| Sydney - Northern Beaches | Manufacturing | -3,048 |
| Sydney - Outer South West | Manufacturing | -2,473 |
| Sydney - Outer West and Blue Mountains | Accommodation and Food Services | -1,877 |
| Sydney - Parramatta | Electricity, Gas, Water and Waste Services | -1,870 |
| Sydney - Ryde | Wholesale Trade | -953 |
| Sydney - South West | Public Administration and Safety | -1,810 |
| Sydney - Sutherland | Manufacturing | -2,087 |
| Rest of New South Wales | Agriculture, Forestry and Fishing | -10,299 |
| Capital Region | Transport, Postal and Warehousing | -2,923 |
| Central West | Agriculture, Forestry and Fishing | -4,148 |
| Coffs Harbour - Grafton | Accommodation and Food Services | -3,889 |
| Far West and Orana | Accommodation and Food Services | -1,696 |
| Hunter Valley exc Newcastle | Agriculture, Forestry and Fishing | -4,766 |
| Illawarra | Manufacturing | -2,148 |
| Mid North Coast | Electricity, Gas, Water and Waste Services | -2,836 |
| Murray | Construction | -2,489 |
| New England and North West | Retail Trade | -3,543 |
| Newcastle and Lake Macquarie | Transport, Postal and Warehousing | -2,538 |
| Richmond - Tweed | Accommodation and Food Services | -3,050 |
| Riverina | Construction | -2,008 |
| Southern Highlands and Shoalhaven | Retail Trade | -2,272 |
| Victoria | Wholesale Trade | -13,748 |
| Greater Melbourne | Wholesale Trade | -8,738 |
| Melbourne - Inner | Financial and Insurance Services | -1,941 |
| Melbourne - Inner East | Manufacturing | -2,666 |
| Melbourne - Inner South | Manufacturing | -5,401 |
| Melbourne - North East | Wholesale Trade | -4,437 |
| Melbourne - North West | Wholesale Trade | -2,372 |
| Melbourne - Outer East | Wholesale Trade | -3,386 |
| Melbourne - South East | Mining | -433 |
| Melbourne - West | Wholesale Trade | -1,356 |
| Mornington Peninsula | Other Services | -1,097 |
| Rest of Victoria | Wholesale Trade | -5,010 |
| Ballarat | Manufacturing | -2,098 |
| Bendigo | Accommodation and Food Services | -1,979 |

(continued)

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

| 2013-2018 | | |
|--------------------------------|---|----------------|
| Sub-State Region | Industry | change persons |
| | Decline | |
| Geelong | Manufacturing | -2,368 |
| Hume | Other Services | -1,073 |
| Latrobe - Gippsland | Retail Trade | -3,231 |
| North West | Manufacturing | -1,632 |
| Shepparton | Financial and Insurance Services | -824 |
| Warrnambool and South West | Public Administration and Safety | -1,785 |
| Queensland | Mining | -9,489 |
| Greater Brisbane | Mining | -6,717 |
| Brisbane - East | Transport, Postal and Warehousing | -1,822 |
| Brisbane - North | Manufacturing | -2,314 |
| Brisbane - South | Information Media and Telecommunications | -2,167 |
| Brisbane - West | Education and Training | -3,615 |
| Brisbane Inner City | Mining | -2,318 |
| Ipswich | Financial and Insurance Services | -2,186 |
| Logan - Beaudesert | Wholesale Trade | -1,985 |
| Moreton Bay - North | Other Services | -1,484 |
| Moreton Bay - South | Construction | -2,397 |
| Rest of Queensland | Construction | -10,938 |
| Cairns | Construction | -3,593 |
| Darling Downs - Maranoa | Agriculture, Forestry and Fishing | -6,453 |
| Central Queensland | Construction | -7,402 |
| Gold Coast | Wholesale Trade | -2,678 |
| Mackay - Isaac - Whitsunday | Construction | -4,875 |
| Queensland - Outback | Health Care and Social Assistance | -2,158 |
| Sunshine Coast | Retail Trade | -4,827 |
| Toowoomba | Retail Trade | -2,684 |
| Townsville | Construction | -4,340 |
| Wide Bay | Construction | -3,771 |
| South Australia | Wholesale Trade | -7,050 |
| Greater Adelaide | Wholesale Trade | -6,826 |
| Adelaide - Central and Hills | Public Administration and Safety | -2,891 |
| Adelaide - North | Manufacturing | -2,786 |
| Adelaide - South | Retail Trade | -5,303 |
| Adelaide - West | Other Services | -996 |
| Rest of South Australia | Transport, Postal and Warehousing | -2,471 |
| Barossa - Yorke - Mid North | Education and Training | -1,958 |
| South Australia - Outback | Construction | -897 |
| South Australia - South East | Transport, Postal and Warehousing | -1,111 |
| Western Australia | Retail Trade | -13,680 |
| Greater Perth | Construction | -12,787 |
| Mandurah | Wholesale Trade | -1,483 |
| Perth - Inner | Financial and Insurance Services | -1,874 |
| Perth - North East | Professional, Scientific and Technical Services | -3,357 |
| Perth - North West | Construction | -6,525 |
| Perth - South East | Professional, Scientific and Technical Services | -6,082 |

(continued)

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

| Sub-State Region | 2013-2018 | change persons |
|-------------------------------------|--|----------------|
| | Industry | |
| | Decline | |
| Perth - South West | Construction | -7,857 |
| Rest of Western Australia | Mining | -6,868 |
| Bunbury | Transport, Postal and Warehousing | -2,837 |
| Western Australia - Outback | Mining | -6,587 |
| Western Australia - Wheat Belt | Manufacturing | -2,208 |
| Tasmania | Wholesale Trade | -1,177 |
| Greater Hobart | Administrative and Support Services | -818 |
| Rest of Tasmania | Manufacturing | -1,498 |
| Launceston and North East | Agriculture, Forestry and Fishing | -1,818 |
| South East | Wholesale Trade | -454 |
| West and North West | Mining | -1,086 |
| Northern Territory | Construction | -1,115 |
| Greater Darwin | Construction | -619 |
| Rest of Northern Territory | Mining | -925 |
| Northern Territory - Outback | Mining | -925 |
| Australian Capital Territory | Public Administration and Safety | -3,278 |
| Australian Capital Cities | Wholesale Trade | -35,684 |
| Australian Rest of States | Wholesale Trade | -12,584 |
| AUSTRALIA | Wholesale Trade | -48,268 |

Source: ABS 2019, Labour Force, Australia, Detailed, Quarterly, May 2019 (cat. no. 6291.0.55.003).

Sub-state regions are based on the 2016 ASGS with the exception of Western Australia - Outback which is 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 industrial 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.⁷⁶

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.

⁷⁶ 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>2013 - 2018 index</i> |
|--|------------------------------|
| New South Wales | 4.2 |
| Greater Sydney | 3.7 |
| Central Coast | 5.4 |
| Sydney - Baulkham Hills and Hawkesbury | 8.8 |
| Sydney - Blacktown | 8.1 |
| Sydney - City and Inner South | 6.9 |
| Sydney - Eastern Suburbs | 6.3 |
| Sydney - Inner South West | 5.6 |
| Sydney - Inner West | 4.7 |
| Sydney - North Sydney and Hornsby | 6.9 |
| Sydney - Northern Beaches | 6.1 |
| Sydney - Outer South West | 5.9 |
| Sydney - Outer West and Blue Mountains | 6.2 |
| Sydney - Parramatta | 7.0 |
| Sydney - Ryde | 8.3 |
| Sydney - South West | 6.8 |
| Sydney - Sutherland | 7.7 |
| Rest of New South Wales | 5.7 |
| Capital Region | 10.7 |
| Central West | 9.7 |
| Coffs Harbour - Grafton | 12.5 |
| Far West and Orana | 8.7 |
| Hunter Valley exc Newcastle | 7.6 |
| Illawarra | 10.3 |
| Mid North Coast | 8.9 |
| Murray | 9.9 |
| New England and North West | 15.6 |
| Newcastle and Lake Macquarie | 8.6 |
| Richmond - Tweed | 8.7 |
| Riverina | 7.5 |
| Southern Highlands and Shoalhaven | 11.9 |
| Victoria | 3.3 |
| Greater Melbourne | 3.2 |
| Melbourne - Inner | 5.0 |
| Melbourne - Inner East | 4.3 |
| Melbourne - Inner South | 4.4 |
| Melbourne - North East | 5.4 |
| Melbourne - North West | 7.2 |
| Melbourne - Outer East | 5.8 |
| Melbourne - South East | 4.3 |
| Melbourne - West | 5.3 |
| Mornington Peninsula | 6.1 |
| Rest of Victoria | 5.2 |
| Ballarat | 12.0 |
| Bendigo | 12.8 |

(continued)

Structural change index by sub-state region (continued)

| Sub-State Region | 2013 - 2018 index |
|--------------------------------|------------------------------|
| Geelong | 10.0 |
| Hume | 11.0 |
| Latrobe - Gippsland | 5.8 |
| North West | 11.2 |
| Shepparton | 9.3 |
| Warrnambool and South West | 19.3 |
| Queensland | 3.4 |
| Greater Brisbane | 3.6 |
| Brisbane - East | 8.9 |
| Brisbane - North | 7.7 |
| Brisbane - South | 5.9 |
| Brisbane - West | 8.1 |
| Brisbane Inner City | 7.7 |
| Ipswich | 5.8 |
| Logan - Beaudesert | 5.7 |
| Moreton Bay - North | 8.8 |
| Moreton Bay - South | 7.7 |
| Rest of Queensland | 4.6 |
| Cairns | 7.1 |
| Darling Downs - Maranoa | 17.1 |
| Central Queensland | 9.3 |
| Gold Coast | 6.1 |
| Mackay - Isaac - Whitsunday | 9.2 |
| Queensland - Outback | 21.3 |
| Sunshine Coast | 6.3 |
| Toowoomba | 10.1 |
| Townsville | 11.0 |
| Wide Bay | 6.0 |
| South Australia | 3.4 |
| Greater Adelaide | 3.9 |
| Adelaide - Central and Hills | 5.8 |
| Adelaide - North | 5.5 |
| Adelaide - South | 6.3 |
| Adelaide - West | 4.2 |
| Rest of South Australia | 4.8 |
| Barossa - Yorke - Mid North | 7.2 |
| South Australia - Outback | 13.0 |
| South Australia - South East | 5.7 |
| Western Australia | 4.5 |
| Greater Perth | 4.7 |
| Mandurah | 9.6 |
| Perth - Inner | 7.1 |
| Perth - North East | 7.3 |
| Perth - North West | 5.0 |

(continued)

Structural change index by sub-state region (continued)

| <i>Sub-State Region</i> | <i>2013 - 2018 index</i> |
|-------------------------------------|------------------------------|
| Perth - South East | 6.6 |
| Perth - South West | 8.0 |
| Rest of Western Australia | 5.6 |
| Bunbury | 13.5 |
| Western Australia - Outback | 8.9 |
| Western Australia - Wheat Belt | 9.7 |
| Tasmania | 3.3 |
| Greater Hobart | 4.8 |
| Rest of Tasmania | 3.7 |
| Launceston and North East | 6.0 |
| South East | 8.4 |
| West and North West | 4.8 |
| Northern Territory | 4.1 |
| Greater Darwin | 5.0 |
| Rest of Northern Territory | 9.7 |
| Northern Territory - Outback | 9.7 |
| Australian Capital Territory | 4.8 |
| Australian Capital Cities | 2.9 |
| Australian Rest of States | 3.6 |
| AUSTRALIA | 3.0 |

Source: ABS 2019, Labour Force, Australia, Detailed, Quarterly, May 2019 (cat. no. 6291.0.55.003).

Sub-state regions are based on the 2016 ASGS with the exception of Western Australia - Outback which is 2011 ASGS.

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

Structural change index is the sum of the absolute changes in the proportion of employed persons in each industry type which have been averaged across the preceeding 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 | 2014 businesses | 2016 businesses | 2018 businesses | 2014 - 2018 change businesses |
|-------------------------|----------------------------|----------------------------|----------------------------|--|
| Major Cities | 1,484,119 | 1,555,468 | 1,683,386 | 199,267 |
| Inner Regional | 358,024 | 361,669 | 373,384 | 15,360 |
| Outer Regional | 200,089 | 197,790 | 199,803 | -286 |
| Remote | 26,416 | 25,796 | 25,871 | -545 |
| Very Remote | 11,919 | 11,849 | 11,658 | -261 |
| AUSTRALIA | 2,100,159 | 2,171,545 | 2,313,293 | 213,134 |

Source: ABS 2019, Customised report, Counts of Australian Businesses, including Entries and Exits, Jun 2014 to Jun 2018 (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, hence rows in this table may not sum to aggregate figures.

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

| Major Urban Area | 2014 businesses | 2016 businesses | 2018 businesses | 2014 - 2018 change businesses |
|--------------------------|--------------------|--------------------|--------------------|-------------------------------------|
| Greater Sydney | 471,789 | 498,864 | 544,143 | 72,354 |
| Greater Melbourne | 411,737 | 434,168 | 478,240 | 66,503 |
| Greater Brisbane | 185,106 | 191,857 | 205,647 | 20,541 |
| Greater Perth | 170,035 | 176,582 | 182,219 | 12,184 |
| Greater Adelaide | 106,078 | 107,360 | 112,737 | 6,659 |
| Gold Coast - Tweed Heads | 63,023 | 66,184 | 72,604 | 9,581 |
| Newcastle - Maitland | 29,599 | 30,845 | 33,244 | 3,645 |
| Canberra - Queanbeyan | 27,561 | 28,390 | 30,821 | 3,260 |
| Sunshine Coast | 30,949 | 32,418 | 34,655 | 3,706 |
| Wollongong | 15,726 | 16,609 | 17,927 | 2,201 |
| Geelong | 17,445 | 18,277 | 19,841 | 2,396 |
| Greater Hobart | 14,765 | 14,885 | 15,846 | 1,081 |
| Townsville | 11,104 | 10,836 | 10,812 | -292 |
| Cairns | 12,499 | 12,562 | 12,798 | 299 |
| Greater Darwin | 10,387 | 10,441 | 10,530 | 143 |
| Toowoomba | 10,798 | 10,992 | 11,363 | 565 |
| Ballarat | 7,573 | 7,870 | 8,354 | 781 |
| Bendigo | 6,266 | 6,320 | 6,451 | 185 |
| Albury - Wodonga | 6,916 | 7,082 | 7,261 | 345 |
| Launceston | 6,133 | 6,213 | 6,329 | 196 |

Source: ABS 2019, Customised report, Counts of Australian Businesses, including Entries and Exits, Jun 2014 to Jun 2018 (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, hence rows in this table may not sum to aggregate figures.

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

| <i>Sub-State Region</i> | <i>2014 businesses</i> | <i>2016 businesses</i> | <i>2018 businesses</i> | <i>2014 - 2018 change businesses</i> |
|--|----------------------------|----------------------------|----------------------------|--|
| New South Wales | 696,951 | 727,401 | 783,053 | 86,102 |
| Greater Sydney | 471,789 | 498,864 | 544,143 | 72,354 |
| Central Coast | 21,310 | 21,933 | 23,474 | 2,164 |
| Sydney - Baulkham Hills and Hawkesbury | 25,567 | 27,291 | 29,702 | 4,135 |
| Sydney - Blacktown | 17,935 | 19,575 | 23,586 | 5,651 |
| Sydney - City and Inner South | 72,297 | 75,792 | 81,587 | 9,290 |
| Sydney - Eastern Suburbs | 30,678 | 32,191 | 34,096 | 3,418 |
| Sydney - Inner South West | 48,847 | 52,426 | 58,727 | 9,880 |
| Sydney - Inner West | 31,176 | 33,224 | 35,732 | 4,556 |
| Sydney - North Sydney and Hornsby | 54,346 | 56,628 | 59,638 | 5,292 |
| Sydney - Northern Beaches | 30,615 | 31,313 | 32,733 | 2,118 |
| Sydney - Outer South West | 15,504 | 16,527 | 18,823 | 3,319 |
| Sydney - Outer West and Blue Mountains | 20,259 | 21,091 | 22,580 | 2,321 |
| Sydney - Parramatta | 38,185 | 42,018 | 48,573 | 10,388 |
| Sydney - Ryde | 16,938 | 18,095 | 19,725 | 2,787 |
| Sydney - South West | 27,497 | 29,629 | 32,935 | 5,438 |
| Sydney - Sutherland | 20,639 | 21,125 | 22,229 | 1,590 |
| Rest of New South Wales | 217,474 | 221,085 | 231,438 | 13,964 |
| Capital Region | 20,235 | 20,420 | 21,305 | 1,070 |
| Central West | 19,748 | 19,856 | 20,444 | 696 |
| Coffs Harbour - Grafton | 10,570 | 10,533 | 10,923 | 353 |
| Far West and Orana | 11,798 | 11,763 | 12,085 | 287 |
| Hunter Valley exc Newcastle | 17,678 | 18,305 | 19,518 | 1,840 |
| Illawarra | 16,408 | 17,300 | 18,727 | 2,319 |
| Mid North Coast | 15,891 | 15,994 | 16,558 | 667 |
| Murray | 11,987 | 12,074 | 12,335 | 348 |
| New England and North West | 20,284 | 20,001 | 20,394 | 110 |
| Newcastle and Lake Macquarie | 23,955 | 24,889 | 26,735 | 2,780 |
| Richmond - Tweed | 21,496 | 22,091 | 23,428 | 1,932 |
| Riverina | 15,835 | 15,888 | 16,262 | 427 |
| Southern Highlands and Shoalhaven | 11,590 | 11,967 | 12,727 | 1,137 |
| Victoria | 545,961 | 570,123 | 618,192 | 72,231 |
| Greater Melbourne | 411,737 | 434,168 | 478,240 | 66,503 |
| Melbourne - Inner | 96,085 | 100,900 | 108,505 | 12,420 |
| Melbourne - Inner East | 42,558 | 44,729 | 48,072 | 5,514 |
| Melbourne - Inner South | 45,999 | 47,527 | 49,714 | 3,715 |
| Melbourne - North East | 36,103 | 37,715 | 42,031 | 5,928 |
| Melbourne - North West | 26,219 | 28,504 | 32,703 | 6,484 |
| Melbourne - Outer East | 42,939 | 43,397 | 45,634 | 2,695 |
| Melbourne - South East | 56,876 | 61,154 | 70,114 | 13,238 |
| Melbourne - West | 41,696 | 46,109 | 55,544 | 13,848 |
| Mornington Peninsula | 23,261 | 24,137 | 25,917 | 2,656 |
| Rest of Victoria | 130,646 | 132,337 | 136,316 | 5,670 |
| Ballarat | 12,777 | 13,161 | 13,822 | 1,045 |
| Bendigo | 11,924 | 12,092 | 12,319 | 395 |
| Geelong | 20,399 | 21,336 | 23,101 | 2,702 |

(continued)

Actively trading businesses by sub-state region (continued)

| <i>Sub-State Region</i> | <i>2014 businesses</i> | <i>2016 businesses</i> | <i>2018 businesses</i> | <i>2014 - 2018 change businesses</i> |
|--------------------------------------|----------------------------|----------------------------|----------------------------|--|
| Hume | 17,203 | 17,470 | 17,834 | 631 |
| Latrobe - Gippsland | 23,966 | 24,224 | 24,968 | 1,002 |
| North West | 16,946 | 16,866 | 16,963 | 17 |
| Shepparton | 13,531 | 13,554 | 13,560 | 29 |
| Warrnambool and South West | 13,893 | 13,643 | 13,748 | -145 |
| Queensland | 416,797 | 425,619 | 448,722 | 31,925 |
| Greater Brisbane | 185,106 | 191,857 | 205,647 | 20,541 |
| Brisbane - East | 17,944 | 18,445 | 19,580 | 1,636 |
| Brisbane - North | 15,041 | 15,803 | 17,207 | 2,166 |
| Brisbane - South | 30,953 | 32,766 | 35,723 | 4,770 |
| Brisbane - West | 14,355 | 14,611 | 14,929 | 574 |
| Brisbane Inner City | 43,183 | 44,331 | 47,286 | 4,103 |
| Ipswich | 16,739 | 17,397 | 18,937 | 2,198 |
| Logan - Beaudesert | 20,869 | 21,716 | 23,322 | 2,453 |
| Moreton Bay - North | 13,767 | 14,024 | 14,877 | 1,110 |
| Moreton Bay - South | 12,250 | 12,765 | 13,781 | 1,531 |
| Rest of Queensland | 228,862 | 231,083 | 240,286 | 11,424 |
| Cairns | 22,457 | 22,366 | 22,635 | 178 |
| Darling Downs - Maranoa | 18,806 | 18,619 | 18,942 | 136 |
| Central Queensland | 18,254 | 17,745 | 17,507 | -747 |
| Gold Coast | 59,942 | 62,913 | 68,958 | 9,016 |
| Mackay - Isaac - Whitsunday | 16,009 | 15,093 | 15,100 | -909 |
| Queensland - Outback | 7,192 | 7,105 | 7,117 | -75 |
| <i>Far North</i> | 1,662 | 1,718 | 1,743 | 81 |
| <i>Outback - North</i> | 2,328 | 2,235 | 2,219 | -109 |
| <i>Outback - South</i> | 3,195 | 3,150 | 3,155 | -40 |
| Sunshine Coast | 34,564 | 36,109 | 38,585 | 4,021 |
| Toowoomba | 12,499 | 12,734 | 13,137 | 638 |
| Townsville | 17,278 | 16,760 | 16,567 | -711 |
| Wide Bay | 21,872 | 21,637 | 21,737 | -135 |
| South Australia | 143,580 | 144,513 | 149,883 | 6,303 |
| Greater Adelaide | 106,078 | 107,360 | 112,737 | 6,659 |
| Adelaide - Central and Hills | 46,317 | 46,751 | 48,208 | 1,891 |
| Adelaide - North | 20,386 | 21,006 | 22,848 | 2,462 |
| Adelaide - South | 21,804 | 21,771 | 22,754 | 950 |
| Adelaide - West | 17,574 | 17,832 | 18,932 | 1,358 |
| Rest of South Australia | 36,340 | 36,039 | 36,083 | -257 |
| Barossa - Yorke - Mid North | 11,137 | 11,106 | 11,100 | -37 |
| South Australia - Outback | 6,676 | 6,468 | 6,421 | -255 |
| <i>Eyre Peninsula and South West</i> | 5,345 | 5,203 | 5,170 | -175 |
| <i>Outback - North and East</i> | 1,331 | 1,270 | 1,246 | -85 |
| South Australia - South East | 18,532 | 18,466 | 18,570 | 38 |
| Western Australia | 218,777 | 225,020 | 230,595 | 11,818 |
| Greater Perth | 170,035 | 176,582 | 182,219 | 12,184 |
| Mandurah | 5,495 | 5,715 | 5,676 | 181 |
| Perth - Inner | 35,502 | 35,986 | 36,593 | 1,091 |

(continued)

Actively trading businesses by sub-state region (continued)

| <i>Sub-State Region</i> | <i>2014 businesses</i> | <i>2016 businesses</i> | <i>2018 businesses</i> | <i>2014 - 2018 change businesses</i> |
|-------------------------------------|----------------------------|----------------------------|----------------------------|--|
| Perth - North East | 19,275 | 19,972 | 20,580 | 1,305 |
| Perth - North West | 43,117 | 45,246 | 46,588 | 3,471 |
| Perth - South East | 37,136 | 38,794 | 40,659 | 3,523 |
| Perth - South West | 29,513 | 30,868 | 32,131 | 2,618 |
| Rest of Western Australia | 47,561 | 47,311 | 47,210 | -351 |
| Bunbury | 15,459 | 15,718 | 16,126 | 667 |
| Western Australia - Wheat Belt | 16,819 | 16,728 | 16,608 | -211 |
| Western Australia - Outback (North) | 4,738 | 4,454 | 4,297 | -441 |
| <i>Kimberley</i> | 2,364 | 2,273 | 2,247 | -117 |
| <i>East Pilbara</i> | 1,021 | 953 | 874 | -147 |
| <i>West Pilbara</i> | 1,356 | 1,232 | 1,165 | -191 |
| Western Australia - Outback (South) | 10,545 | 10,408 | 10,185 | -360 |
| <i>Esperance</i> | 2,025 | 2,020 | 2,003 | -22 |
| <i>Gascoyne</i> | 987 | 1,016 | 999 | 12 |
| <i>Goldfields</i> | 2,388 | 2,311 | 2,268 | -120 |
| <i>Mid West</i> | 5,156 | 5,066 | 4,910 | -246 |
| Tasmania | 37,030 | 37,051 | 38,446 | 1,416 |
| Greater Hobart | 14,765 | 14,885 | 15,846 | 1,081 |
| Rest of Tasmania | 22,023 | 21,963 | 22,402 | 379 |
| Launceston and North East | 11,243 | 11,298 | 11,479 | 236 |
| South East | 3,009 | 2,977 | 3,076 | 67 |
| West and North West | 7,771 | 7,682 | 7,852 | 81 |
| Northern Territory | 14,276 | 14,301 | 14,479 | 203 |
| Greater Darwin | 10,387 | 10,441 | 10,530 | 143 |
| Rest of Northern Territory | 3,697 | 3,675 | 3,759 | 62 |
| Northern Territory - Outback | 3,697 | 3,675 | 3,759 | 62 |
| <i>Alice Springs</i> | 2,083 | 2,010 | 2,051 | -32 |
| <i>Barkly</i> | 203 | 203 | 213 | 10 |
| <i>Daly - Tiwi - West Arnhem</i> | 313 | 348 | 344 | 31 |
| <i>East Arnhem</i> | 215 | 202 | 226 | 11 |
| <i>Katherine</i> | 882 | 910 | 931 | 49 |
| Australian Capital Territory | 25,324 | 26,188 | 28,569 | 3,245 |
| Australian Capital Cities | 1,395,115 | 1,460,238 | 1,577,810 | 182,695 |
| Australian Rest of States | 686,655 | 693,546 | 717,568 | 30,913 |

Source: ABS 2019, Customised report, Counts of Australian Businesses, including Entries and Exits, Jun 2014 to Jun 2018 (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, hence rows in this table may not sum to aggregate figures.

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 2018. 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 |
|------------------|---------------------------|------------------------------|-------------------------------|-------------------------------------|
| 2018 | | | | |
| Major Cities | 62.5 | 27.2 | 8.0 | 2.2 |
| Inner Regional | 61.2 | 27.4 | 9.4 | 2.0 |
| Outer Regional | 61.2 | 27.0 | 9.7 | 2.0 |
| Remote | 59.8 | 27.6 | 10.4 | 2.2 |
| Very Remote | 60.2 | 27.5 | 10.0 | 2.3 |
| AUSTRALIA | 62.1 | 27.1 | 8.5 | 2.3 |

Source: ABS 2019, Customised report, Counts of Australian Businesses, including Entries and Exits, Jun 2014 to Jun 2018 (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 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.

Figures in table may not sum to 100% due to rounding.

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 |
|--------------------------|-----------------------------------|---------------------------------------|--|--|
| 2018 | | | | |
| Greater Sydney | 59.9 | 30.3 | 7.6 | 2.1 |
| Greater Melbourne | 64.2 | 26.1 | 7.5 | 2.1 |
| Greater Brisbane | 62.4 | 26.7 | 8.6 | 2.3 |
| Greater Perth | 65.0 | 23.8 | 8.7 | 2.6 |
| Greater Adelaide | 67.9 | 21.8 | 8.1 | 2.2 |
| Gold Coast - Tweed Heads | 64.2 | 25.9 | 7.7 | 2.1 |
| Newcastle - Maitland | 55.4 | 30.9 | 11.0 | 2.7 |
| Canberra - Queanbeyan | 58.7 | 29.0 | 9.6 | 2.7 |
| Sunshine Coast | 61.5 | 27.8 | 8.8 | 1.8 |
| Wollongong | 54.8 | 33.0 | 10.3 | 2.0 |
| Geelong | 60.6 | 28.2 | 9.0 | 2.2 |
| Greater Hobart | 60.9 | 25.5 | 10.7 | 2.9 |
| Townsville | 56.6 | 27.9 | 12.6 | 2.9 |
| Cairns | 57.5 | 28.4 | 11.2 | 2.8 |
| Greater Darwin | 60.0 | 24.5 | 11.9 | 3.6 |
| Toowoomba | 60.6 | 26.3 | 10.7 | 2.5 |
| Ballarat | 60.4 | 27.1 | 10.1 | 2.4 |
| Bendigo | 56.3 | 29.3 | 11.6 | 2.7 |
| Albury - Wodonga | 59.2 | 27.4 | 10.8 | 2.7 |
| Launceston | 57.9 | 26.8 | 12.2 | 3.1 |

Source: ABS 2019, Customised report, Counts of Australian Businesses, including Entries and Exits, Jun 2014 to Jun 2018 (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.

Figures in table may not sum to 100% due to rounding

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> |
|--|-----------------------------------|---------------------------------------|--|--|
| 2018 | | | | |
| New South Wales | 59.6 | 29.9 | 8.3 | 2.3 |
| Greater Sydney | 59.9 | 30.3 | 7.6 | 2.1 |
| Central Coast | 54.8 | 34.0 | 9.3 | 2.0 |
| Sydney - Baulkham Hills and Hawkesbury | 57.9 | 32.5 | 7.8 | 1.7 |
| Sydney - Blacktown | 60.2 | 30.5 | 7.2 | 2.0 |
| Sydney - City and Inner South | 60.2 | 26.6 | 9.2 | 4.0 |
| Sydney - Eastern Suburbs | 65.3 | 27.0 | 6.0 | 1.6 |
| Sydney - Inner South West | 61.9 | 30.5 | 6.3 | 1.3 |
| Sydney - Inner West | 62.4 | 29.3 | 6.7 | 1.6 |
| Sydney - North Sydney and Hornsby | 62.4 | 27.9 | 7.4 | 2.2 |
| Sydney - Northern Beaches | 59.4 | 31.1 | 7.7 | 1.8 |
| Sydney - Outer South West | 55.1 | 34.5 | 8.5 | 1.9 |
| Sydney - Outer West and Blue Mountains | 54.6 | 34.6 | 8.9 | 1.9 |
| Sydney - Parramatta | 60.7 | 30.4 | 7.0 | 1.9 |
| Sydney - Ryde | 62.2 | 29.2 | 6.4 | 2.2 |
| Sydney - South West | 55.0 | 36.0 | 7.4 | 1.6 |
| Sydney - Sutherland | 57.2 | 32.8 | 8.5 | 1.5 |
| Rest of New South Wales | 59.2 | 29.1 | 9.8 | 1.9 |
| Capital Region | 57.4 | 30.9 | 10.1 | 1.6 |
| Central West | 59.6 | 28.7 | 10.1 | 1.7 |
| Coffs Harbour - Grafton | 59.3 | 28.2 | 10.6 | 1.9 |
| Far West and Orana | 60.5 | 28.0 | 9.7 | 1.8 |
| Hunter Valley exc Newcastle | 58.9 | 29.0 | 9.9 | 2.2 |
| Illawarra | 54.9 | 32.9 | 10.2 | 2.0 |
| Mid North Coast | 60.6 | 28.2 | 9.5 | 1.7 |
| Murray | 60.1 | 27.3 | 10.3 | 2.2 |
| New England and North West | 62.8 | 27.0 | 8.9 | 1.3 |
| Newcastle and Lake Macquarie | 55.0 | 31.5 | 10.9 | 2.5 |
| Richmond - Tweed | 63.9 | 26.2 | 8.2 | 1.7 |
| Riverina | 59.5 | 28.6 | 9.7 | 2.2 |
| Southern Highlands and Shoalhaven | 57.5 | 30.9 | 9.8 | 1.8 |
| Victoria | 63.5 | 26.4 | 7.9 | 2.2 |
| Greater Melbourne | 64.2 | 26.1 | 7.5 | 2.1 |
| Melbourne - Inner | 64.5 | 23.8 | 8.6 | 3.1 |
| Melbourne - Inner East | 65.6 | 26.2 | 6.6 | 1.5 |
| Melbourne - Inner South | 65.4 | 25.7 | 7.0 | 1.8 |
| Melbourne - North East | 64.5 | 27.1 | 6.7 | 1.6 |
| Melbourne - North West | 65.4 | 25.0 | 7.5 | 2.1 |
| Melbourne - Outer East | 59.4 | 30.3 | 8.4 | 2.0 |
| Melbourne - South East | 63.7 | 26.3 | 7.7 | 2.3 |
| Melbourne - West | 66.8 | 25.4 | 6.2 | 1.6 |
| Mornington Peninsula | 60.9 | 29.5 | 8.0 | 1.6 |
| Rest of Victoria | 61.5 | 27.6 | 9.0 | 1.8 |
| Ballarat | 60.5 | 28.7 | 8.9 | 1.9 |
| Bendigo | 60.1 | 28.2 | 9.6 | 2.0 |

(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> |
|--------------------------------------|-----------------------------------|---------------------------------------|--|--|
| 2018 | | | | |
| Geelong | 61.0 | 28.2 | 8.8 | 2.0 |
| Hume | 63.8 | 26.3 | 8.5 | 1.5 |
| Latrobe - Gippsland | 64.1 | 25.9 | 8.4 | 1.6 |
| North West | 58.3 | 30.5 | 9.4 | 1.8 |
| Shepparton | 62.6 | 25.8 | 9.5 | 2.1 |
| Warrnambool and South West | 60.0 | 28.3 | 9.8 | 1.9 |
| Queensland | 62.4 | 26.4 | 8.8 | 2.3 |
| Greater Brisbane | 62.4 | 26.7 | 8.6 | 2.3 |
| Brisbane - East | 59.4 | 28.9 | 9.4 | 2.3 |
| Brisbane - North | 61.8 | 26.2 | 9.2 | 2.8 |
| Brisbane - South | 63.2 | 26.0 | 8.7 | 2.1 |
| Brisbane - West | 62.8 | 28.4 | 7.1 | 1.7 |
| Brisbane Inner City | 64.4 | 24.1 | 8.6 | 2.9 |
| Ipswich | 63.8 | 25.7 | 8.1 | 2.3 |
| Logan - Beaudesert | 62.4 | 27.0 | 8.6 | 2.0 |
| Moreton Bay - North | 59.2 | 29.8 | 8.9 | 2.1 |
| Moreton Bay - South | 59.3 | 30.3 | 8.7 | 1.7 |
| Rest of Queensland | 62.6 | 26.2 | 9.0 | 2.1 |
| Cairns | 59.3 | 27.3 | 10.6 | 2.8 |
| Darling Downs - Maranoa | 69.1 | 22.1 | 7.1 | 1.7 |
| Central Queensland | 63.0 | 25.4 | 9.7 | 1.9 |
| Gold Coast | 64.4 | 25.9 | 7.6 | 2.1 |
| Mackay - Isaac - Whitsunday | 59.7 | 27.7 | 10.2 | 2.5 |
| Queensland - Outback | 62.2 | 26.0 | 9.8 | 1.9 |
| <i>Far North</i> | 61.2 | 24.0 | 11.5 | 3.3 |
| <i>Outback - North</i> | 58.6 | 26.8 | 11.7 | 2.9 |
| <i>Outback - South</i> | 65.4 | 26.5 | 7.6 | 0.6 |
| Sunshine Coast | 61.6 | 27.9 | 8.8 | 1.7 |
| Toowoomba | 61.1 | 26.2 | 10.3 | 2.5 |
| Townsville | 58.4 | 27.7 | 11.5 | 2.4 |
| Wide Bay | 62.4 | 25.7 | 9.7 | 2.2 |
| South Australia | 66.1 | 23.0 | 8.7 | 2.2 |
| Greater Adelaide | 67.9 | 21.8 | 8.1 | 2.2 |
| Adelaide - Central and Hills | 69.1 | 21.1 | 7.7 | 2.1 |
| Adelaide - North | 68.2 | 22.0 | 7.7 | 2.1 |
| Adelaide - South | 67.0 | 23.4 | 8.0 | 1.6 |
| Adelaide - West | 65.6 | 21.5 | 10.0 | 2.9 |
| Rest of South Australia | 60.9 | 26.9 | 10.4 | 1.8 |
| Barossa - Yorke - Mid North | 61.3 | 27.7 | 9.4 | 1.5 |
| South Australia - Outback | 58.4 | 28.7 | 10.9 | 2.0 |
| <i>Eyre Peninsula and South West</i> | 58.8 | 29.2 | 10.2 | 1.8 |
| <i>Outback - North and East</i> | 56.6 | 26.8 | 13.5 | 3.1 |
| South Australia - South East | 61.6 | 25.8 | 10.8 | 1.8 |
| Western Australia | 63.8 | 24.4 | 9.0 | 2.7 |
| Greater Perth | 65.0 | 23.8 | 8.7 | 2.6 |

(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> |
|-------------------------------------|-----------------------------------|---------------------------------------|--|--|
| 2018 | | | | |
| Mandurah | 62.6 | 26.0 | 9.1 | 2.4 |
| Perth - Inner | 64.4 | 23.4 | 9.0 | 3.2 |
| Perth - North East | 63.9 | 24.3 | 9.1 | 2.7 |
| Perth - North West | 66.4 | 23.7 | 7.9 | 2.0 |
| Perth - South East | 65.3 | 23.3 | 8.8 | 2.6 |
| Perth - South West | 64.3 | 24.0 | 9.0 | 2.7 |
| Rest of Western Australia | 60.1 | 27.0 | 10.4 | 2.5 |
| Bunbury | 63.3 | 24.0 | 10.1 | 2.6 |
| Western Australia - Wheat Belt | 60.3 | 28.9 | 9.0 | 1.8 |
| Western Australia - Outback (North) | 56.3 | 26.6 | 12.8 | 4.4 |
| <i>Kimberley</i> | 57.0 | 25.3 | 13.1 | 4.7 |
| <i>East Pilbara</i> | 57.4 | 26.4 | 12.1 | 4.1 |
| <i>West Pilbara</i> | 53.5 | 29.1 | 12.9 | 4.5 |
| Western Australia - Outback (South) | 56.5 | 28.9 | 11.9 | 2.7 |
| <i>Esperance</i> | 56.5 | 31.0 | 11.0 | 1.4 |
| <i>Gascoyne</i> | 54.5 | 27.2 | 14.3 | 4.0 |
| <i>Goldfields</i> | 53.0 | 29.3 | 13.9 | 3.7 |
| <i>Mid West</i> | 58.5 | 28.3 | 10.8 | 2.4 |
| Tasmania | 60.3 | 25.7 | 11.0 | 2.9 |
| Greater Hobart | 60.9 | 25.5 | 10.7 | 2.9 |
| Rest of Tasmania | 60.1 | 26.0 | 11.3 | 2.6 |
| Launceston and North East | 60.3 | 26.2 | 11.0 | 2.5 |
| South East | 62.2 | 24.1 | 11.0 | 2.7 |
| West and North West | 59.1 | 26.4 | 11.9 | 2.6 |
| Northern Territory | 58.5 | 24.4 | 12.7 | 4.4 |
| Greater Darwin | 60.0 | 24.5 | 11.9 | 3.6 |
| Rest of Northern Territory | 55.5 | 24.3 | 15.0 | 5.2 |
| Northern Territory - Outback | 55.5 | 24.3 | 15.0 | 5.2 |
| <i>Alice Springs</i> | 55.7 | 23.4 | 15.6 | 5.3 |
| <i>Barkly</i> | 56.8 | 21.2 | 16.2 | 5.9 |
| <i>Daly - Tiwi - West Arnhem</i> | 66.2 | 21.5 | 10.9 | 1.5 |
| <i>East Arnhem</i> | 48.9 | 31.7 | 13.1 | 6.3 |
| <i>Katherine</i> | 52.6 | 27.4 | 15.0 | 5.0 |
| Australian Capital Territory | 58.8 | 29.0 | 9.5 | 2.7 |
| Australian Capital Cities | 62.7 | 27.1 | 8.0 | 2.2 |
| Australian Rest of States | 60.9 | 27.5 | 9.5 | 2.0 |

Source: ABS 2019, Customised report, Counts of Australian Businesses, including Entries and Exits, Jun 2014 to Jun 2018 (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.

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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.

Figures in table may not sum to 100% due to rounding.

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 | 2008 per cent | 2013 per cent | 2018 per cent | 2008 - 2018 change percentage points |
|--|------------------|------------------|------------------|---|
| New South Wales | 15.7 | 15.5 | 17.3 | 1.6 |
| Greater Sydney | 19.7 | 19.7 | 21.4 | 1.7 |
| Central Coast | 9.5 | 9.1 | 10.4 | 0.9 |
| Sydney - Baulkham Hills and Hawkesbury | 19.2 | 15.7 | 24.0 | 4.8 |
| Sydney - Blacktown | 12.6 | 14.7 | 16.2 | 3.6 |
| Sydney - City and Inner South | 29.9 | 31.1 | 34.7 | 4.8 |
| Sydney - Eastern Suburbs | 33.7 | 27.9 | 28.7 | -5.0 |
| Sydney - Inner South West | 13.8 | 15.0 | 17.0 | 3.2 |
| Sydney - Inner West | 25.7 | 25.4 | 27.1 | 1.4 |
| Sydney - North Sydney and Hornsby | 34.1 | 35.6 | 36.2 | 2.2 |
| Sydney - Northern Beaches | 21.0 | 22.6 | 26.9 | 5.9 |
| Sydney - Outer South West | 11.7 | 10.5 | 12.0 | 0.3 |
| Sydney - Outer West and Blue Mountains | 8.2 | 11.0 | 10.1 | 1.9 |
| Sydney - Parramatta | 19.1 | 16.7 | 18.0 | -1.1 |
| Sydney - Ryde | 29.7 | 24.0 | 25.3 | -4.4 |
| Sydney - South West | 11.5 | 12.2 | 12.0 | 0.5 |
| Sydney - Sutherland | 15.5 | 16.2 | 15.1 | -0.3 |
| Rest of New South Wales | 8.0 | 6.9 | 8.5 | 0.5 |
| Capital Region | 11.9 | 8.8 | 6.4 | -5.4 |
| Central West | 6.5 | 3.9 | 6.9 | 0.4 |
| Coffs Harbour - Grafton | 5.4 | 5.0 | 6.3 | 1.0 |
| Far West and Orana | 3.3 | 4.0 | 3.3 | 0.1 |
| Hunter Valley exc Newcastle | 6.9 | 6.7 | 8.5 | 1.6 |
| Illawarra | 8.6 | 8.4 | 12.1 | 3.5 |
| Mid North Coast | 7.1 | 7.9 | 9.6 | 2.5 |
| Murray | 6.9 | 4.6 | 3.9 | -2.9 |
| New England and North West | 7.2 | 4.5 | 7.8 | 0.7 |
| Newcastle and Lake Macquarie | 11.2 | 10.8 | 12.3 | 1.2 |
| Richmond - Tweed | 8.4 | 7.0 | 10.6 | 2.2 |
| Riverina | 5.8 | 5.0 | 4.7 | -1.0 |
| Southern Highlands and Shoalhaven | 7.2 | 6.2 | 5.8 | -1.4 |
| Victoria | 14.2 | 15.0 | 14.7 | 0.6 |
| Greater Melbourne | 16.4 | 17.2 | 16.6 | 0.2 |
| Melbourne - Inner | 25.9 | 28.8 | 26.0 | 0.0 |
| Melbourne - Inner East | 21.8 | 21.2 | 20.8 | -1.0 |
| Melbourne - Inner South | 25.1 | 22.4 | 25.4 | 0.3 |
| Melbourne - North East | 12.4 | 13.7 | 14.2 | 1.7 |
| Melbourne - North West | 11.4 | 13.3 | 11.9 | 0.5 |
| Melbourne - Outer East | 12.3 | 14.1 | 13.1 | 0.8 |
| Melbourne - South East | 12.5 | 12.1 | 11.2 | -1.3 |
| Melbourne - West | 14.2 | 13.7 | 13.6 | -0.6 |
| Mornington Peninsula | 9.0 | 12.4 | 11.9 | 2.9 |
| Rest of Victoria | 6.9 | 7.5 | 7.9 | 1.1 |
| Ballarat | 7.9 | 8.3 | 9.1 | 1.2 |

(continued)

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

| Sub-State Region | 2008 per cent | 2013 per cent | 2018 per cent | 2008 - 2018 change percentage points |
|--------------------------------|------------------|------------------|------------------|---|
| Bendigo | 8.5 | 7.1 | 10.5 | 2.0 |
| Geelong | 8.2 | 11.7 | 10.7 | 2.4 |
| Hume | 7.1 | 6.8 | 8.1 | 1.0 |
| Latrobe - Gippsland | 6.6 | 7.3 | 7.1 | 0.5 |
| North West | 5.4 | 3.8 | 6.7 | 1.3 |
| Shepparton | 4.3 | 7.1 | 3.7 | -0.5 |
| Warrnambool and South West | 5.2 | 5.0 | 4.9 | -0.4 |
| Queensland | 11.0 | 10.8 | 10.6 | -0.3 |
| Greater Brisbane | 13.9 | 14.1 | 13.8 | -0.1 |
| Brisbane - East | 13.5 | 10.8 | 7.9 | -5.6 |
| Brisbane - North | 13.7 | 15.0 | 16.7 | 3.0 |
| Brisbane - South | 14.9 | 16.3 | 16.8 | 2.0 |
| Brisbane - West | 23.0 | 17.9 | 19.3 | -3.7 |
| Brisbane Inner City | 23.2 | 24.6 | 25.1 | 1.9 |
| Ipswich | 8.4 | 9.0 | 7.4 | -0.9 |
| Logan - Beaudesert | 7.7 | 10.1 | 7.7 | 0.0 |
| Moreton Bay - North | 8.0 | 6.3 | 9.0 | 1.0 |
| Moreton Bay - South | 11.5 | 14.8 | 13.9 | 2.5 |
| Rest of Queensland | 8.1 | 7.7 | 7.3 | -0.8 |
| Cairns | 7.3 | 5.5 | 6.1 | -1.3 |
| Darling Downs - Maranoa | 5.1 | 5.3 | 4.1 | -1.0 |
| Central Queensland | 3.8 | 6.2 | 3.7 | -0.0 |
| Gold Coast | 11.5 | 10.4 | 9.7 | -1.7 |
| Mackay - Isaac - Whitsunday | 6.1 | 6.9 | 6.6 | 0.5 |
| Queensland - Outback | 3.0 | 3.7 | 4.1 | 1.1 |
| Sunshine Coast | 10.3 | 9.2 | 9.4 | -0.9 |
| Toowoomba | 9.9 | 6.9 | 8.1 | -1.8 |
| Townsville | 8.9 | 7.1 | 3.8 | -5.2 |
| Wide Bay | 6.0 | 7.3 | 8.1 | 2.2 |
| South Australia | 10.3 | 10.2 | 10.3 | -0.1 |
| Greater Adelaide | 11.8 | 11.8 | 11.8 | -0.0 |
| Adelaide - Central and Hills | 16.3 | 16.4 | 16.6 | 0.2 |
| Adelaide - North | 9.5 | 9.7 | 8.5 | -1.0 |
| Adelaide - South | 11.5 | 11.1 | 10.7 | -0.7 |
| Adelaide - West | 10.3 | 10.2 | 12.5 | 2.1 |
| Rest of South Australia | 5.2 | 4.2 | 4.8 | -0.4 |
| Barossa - Yorke - Mid North | 5.3 | 3.9 | 4.8 | -0.6 |
| South Australia - Outback | 5.8 | 3.9 | 2.8 | -2.9 |
| South Australia - South East | 4.9 | 4.5 | 5.7 | 0.8 |
| Western Australia | 10.9 | 11.4 | 9.8 | -1.1 |
| Greater Perth | 12.6 | 13.0 | 11.2 | -1.5 |
| Mandurah | 2.5 | 5.0 | 6.7 | 4.2 |
| Perth - Inner | 23.3 | 20.8 | 19.1 | -4.2 |
| Perth - North East | 9.8 | 12.7 | 9.2 | -0.6 |

(continued)

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

| Sub-State Region | 2008 per cent | 2013 per cent | 2018 per cent | 2008 - 2018 change percentage points |
|-------------------------------------|--------------------------|--------------------------|--------------------------|---|
| Perth - North West | 13.5 | 13.9 | 12.4 | -1.0 |
| Perth - South East | 11.6 | 13.0 | 9.8 | -1.8 |
| Perth - South West | 11.7 | 10.0 | 9.4 | -2.2 |
| Rest of Western Australia | 4.6 | 5.2 | 4.7 | 0.1 |
| Bunbury | 6.5 | 5.6 | 5.8 | -0.6 |
| Western Australia - Outback | 3.9 | 5.1 | 3.5 | -0.4 |
| Western Australia - Wheat Belt | 3.3 | 4.8 | 5.2 | 1.8 |
| Tasmania | 8.8 | 8.3 | 8.7 | -0.1 |
| Greater Hobart | 11.3 | 10.9 | 10.5 | -0.7 |
| Rest of Tasmania | 7.0 | 6.3 | 7.2 | 0.3 |
| Launceston and North East | 8.9 | 6.7 | 8.9 | -0.0 |
| South East | 5.2 | 7.1 | 7.3 | 2.1 |
| West and North West | 5.0 | 5.4 | 4.9 | -0.0 |
| Northern Territory | 8.2 | 7.8 | 7.6 | -0.6 |
| Greater Darwin | 10.5 | 10.0 | 8.6 | -2.0 |
| Rest of Northern Territory | 4.5 | 4.2 | 5.9 | 1.4 |
| Northern Territory - Outback | 4.5 | 4.2 | 5.9 | 1.4 |
| Australian Capital Territory | 16.2 | 13.7 | 13.7 | -2.5 |
| Australian Capital Cities | 16.1 | 16.3 | 16.4 | 0.4 |
| Australian Rest of States | 7.4 | 7.0 | 7.5 | 0.1 |
| AUSTRALIA | 13.2 | 13.3 | 13.7 | 0.5 |

Source: ABS 2019, Labour Force, Australia, Detailed, Quarterly, May 2019 (cat. no. 6291.0.55.003).

Sub-state regions are based on the 2016 ASGS with the exception of Western Australia - Outback which is 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.

Change may vary from annual figures due to rounding.

