

Livingstone Shire

Livingstone Shire Council area



economic profile

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Livingstone Shire Council area

Employment by industry (FTE)

In Livingstone Shire Council area, Construction is the largest employer, generating 2,082 FTE jobs in 2019/20.

Full-time equivalent (FTE) employment is modelled by NIEIR and takes into account differences in hours worked between industry sectors. It is a measure that allows direct comparison of employment between industries in Livingstone Shire Council area.

Typically, industries such as Retail Trade and Accommodation and Food Services, which employ many part-time workers, have lower FTE employment than total employment.

FTE employment is calculated directly by dividing the total hours worked in each industry by 38. By comparing the number of full-time equivalent jobs in each industry sector to a regional benchmark, you can clearly see the structure of Livingstone Shire Council area's economy. This can be done by directly comparing the area to its benchmark, or by using a location quotient to look at the relative size of industries.

FTE employment should be viewed in conjunction with [Employment by industry \(Total\)](#) and [Employment by industry \(Census\)](#), for a full understanding of the industry breakdown in the area. [Worker productivity](#) data shows the value of a worker in each industry to the local economy. [Employment locations](#) shows where employment is taking place in each industry sector.

Data source

National Economics
(NIEIR) - Modelled series

Please note: FTE employment is derived from Census data but has been corrected for the known undercount of employment in the Census. Detailed notes about how the figures are derived can be found in the [specific topic notes](#) section.

Did you know? By clicking/tapping on a data row in the table you will be able to see sub categories.

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Full-time equivalent employment by industry sector

Livingstone Shire Council area							
	2019/20			2014/15			Change
Industry	Number	%	Queensland	Number	%	Queensland	2014/15
							2019/20
Agriculture, Forestry and Fishing	1,992	19.9	4.0	592	7.4	3.1	+1,401
Mining	263	2.6	3.4	273	3.4	3.7	-10
Manufacturing	545	5.4	7.6	658	8.2	7.9	-113
Electricity, Gas, Water and Waste Services	39	0.4	1.4	79	1.0	1.6	-40
Construction	2,082	20.8	11.1	1,007	12.5	10.7	+1,076
Wholesale Trade	140	1.4	3.3	208	2.6	3.3	-68
Retail Trade	621	6.2	7.9	766	9.6	9.1	-145
Accommodation and Food Services	624	6.2	5.7	674	8.4	5.6	-50
Transport, Postal and Warehousing	198	2.0	5.7	279	3.5	6.0	-82
Information Media and Telecommunications	30	0.3	1.3	39	0.5	1.4	-9
Financial and Insurance Services	81	0.8	2.6	93	1.2	2.5	-11
Rental, Hiring and Real Estate Services	149	1.5	2.0	175	2.2	2.1	-26
Professional, Scientific and Technical Services	278	2.8	7.7	296	3.7	7.8	-18
Administrative and Support Services	200	2.0	3.1	228	2.8	3.1	-28
Public Administration and Safety	624	6.2	6.7	601	7.5	6.9	+23
Education and Training	1,029	10.3	8.4	840	10.5	7.7	+190
Health Care and Social Assistance	688	6.9	12.6	778	9.7	11.5	-90
Arts and Recreation Services	104	1.0	1.5	86	1.1	1.5	+18
Other Services	329	3.3	4.1	352	4.4	4.5	-23
Total industries	10,016	100.0	100.0	8,024	100.0	100.0	+1,992

Source: National Institute of Economic and Industry Research (NIEIR) ©2021. Compiled and presented in economy.id by .id (informed decisions). NIEIR-ID data are adjusted each year, using updated employment estimates. Each release may change previous years' figures.

[Learn more](#)

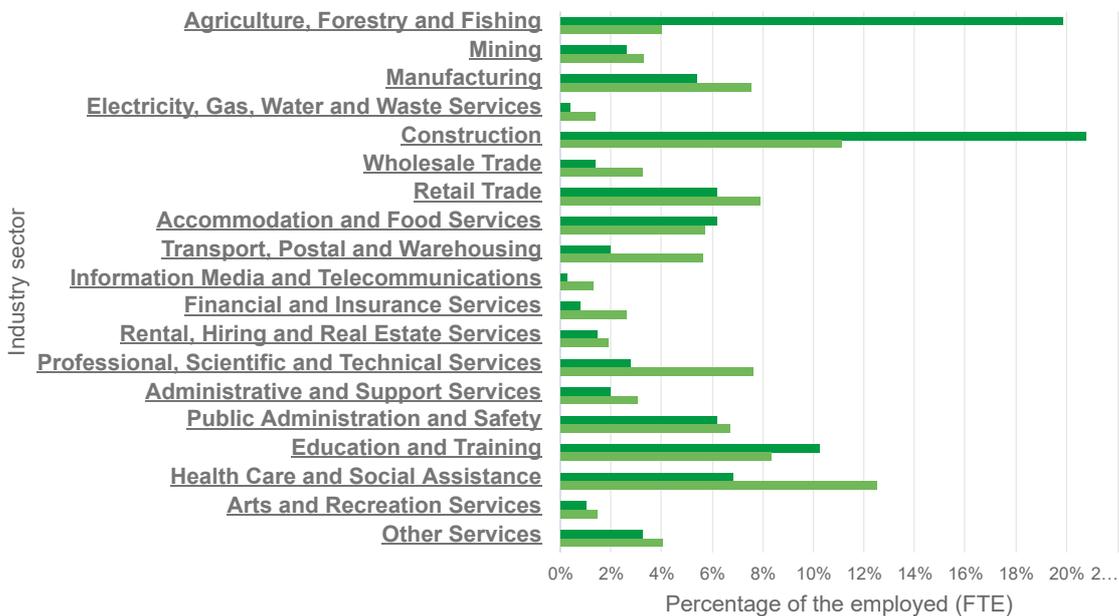
Please refer to specific data notes for more information

Did you know? By clicking/tapping on a category in the chart below you will be able to drilldown to the sub categories.

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Employment (FTE) 2019/20

■ Livingstone Shire Council area ■ Queensland

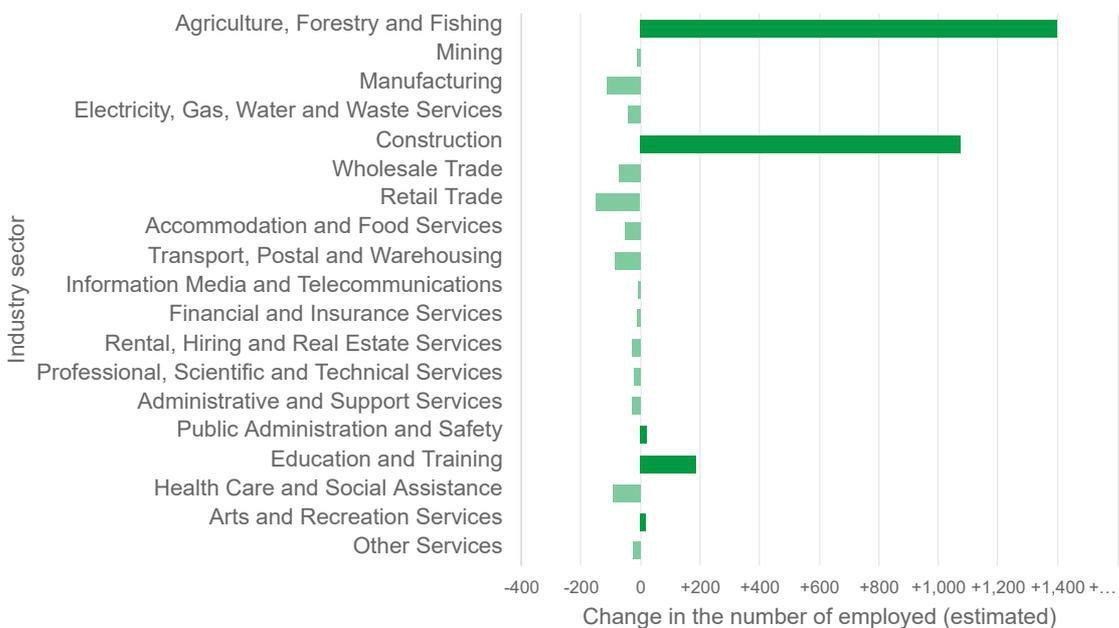


Source: National Institute of Economic and Industry Research (NIEIR) ©2021
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Change in employment (FTE), 2014/15 to 2019/20

Livingstone Shire Council area



Source: National Institute of Economic and Industry Research (NIEIR) ©2021
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Dominant groups

An analysis of the jobs held by the full-time equivalent local workers in Livingstone Shire Council area in 2019/20 shows the three largest industries were:

- Construction (2,082 people or 20.8%)
- Agriculture, Forestry and Fishing (1,992 people or 19.9%)
- Education and Training (1,029 people or 10.3%)

In combination these three fields accounted for 5,104 people in total or 51.0% of the local workers.

In comparison, Queensland employed 11.1% in Construction; 4.0% in Agriculture, Forestry and Fishing and 8.4% in Education and Training.

The major differences between the jobs held by the full-time equivalent local workers of Livingstone Shire Council area and Queensland were:

- A *larger* percentage of full-time equivalent local workers employed in Agriculture, Forestry and Fishing (19.9% compared to 4.0%)
- A *larger* percentage of full-time equivalent local workers employed in Construction (20.8% compared to 11.1%)
- A *smaller* percentage of full-time equivalent local workers employed in Health Care and Social Assistance (6.9% compared to 12.6%)
- A *smaller* percentage of full-time equivalent local workers employed in Professional, Scientific and Technical Services (2.8% compared to 7.7%)

Emerging groups

The number of full-time equivalent local workers in Livingstone Shire Council area increased by 1,992 between 2014/15 and 2019/20.

The largest changes in the jobs held by the full-time equivalent local workers between 2014/15 and 2019/20 in Livingstone Shire Council area were for those employed in:

- Agriculture, Forestry and Fishing (+1,401 full-time equivalent local workers)
- Construction (+1,076 full-time equivalent local workers)
- Education and Training (+190 full-time equivalent local workers)
- Public Administration and Safety (+23 full-time equivalent local workers)

To continue building your economic story go...

- Employment by industry (Total)
 - Employment by industry (Census)
 - Worker productivity
 - Employment locations
-

Livingstone Shire Council area

Employment by industry (Total)

In Livingstone Shire Council area, Construction is the largest employer, generating 1,846 local jobs in 2019/20.

Employment (total) is the most accurate and up to date measure of the total number of people employed in Livingstone Shire Council area. The statistics are modelled by NIEIR to correct for the known undercount of jobs recorded in the Census. They estimate the total number of persons employed in an industry sector (full-time and part-time) in Livingstone Shire Council area regardless of where they live. They are updated annually.

By comparing the number of jobs in each industry sector to a regional benchmark, you can clearly see the structure of Livingstone Shire Council area's economy. This can be done by directly comparing the area to its benchmark, or by using a location quotient to look at the relative size of industries.

Estimated total employment by industry should not be considered as a "Full-Time Equivalent" measure as different industries will have different ratios of part-time and full time employees. Full-time employment by industry statistics are also available.

To see how employment is distributed across the area, see the Employment locations section and to see where people come from to work in these industries, these data should be viewed in conjunction with Workers place of residence by industry data.

More granular sub-categories for each industry sector are available in the Employment by industry (Census) counts. While Census figures undercount employment they do provide a more detailed picture of the specific industries operating in the area.

Data source

National Economics
(NIEIR) - Modelled series

Please note – Detailed notes about how the figures are derived can be found in the [specific topic notes section](#).

Did you know? By clicking/tapping on a data row in the table you will be able to see sub categories.

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Employment (total) by industry

Livingstone Shire Council area							
	2019/20			2014/15			Change
Industry	Number	% Queens	Number	% Queen	Queen	2014/15	
						2019/20	-
Agriculture, Forestry and Fishing	1,732	15.0	3.1	648	6.5	2.8	+1,083
Mining	264	2.3	2.6	229	2.3	2.8	+35
Manufacturing	645	5.6	6.9	694	7.0	7.0	-49
Electricity, Gas, Water and Waste Services	42	0.4	1.2	82	0.8	1.3	-40
Construction	1,846	16.0	9.7	990	10.0	9.3	+856
Wholesale Trade	160	1.4	3.1	215	2.2	3.1	-54
Retail Trade	1,023	8.9	9.5	1,152	11.6	10.2	-129
Accommodation and Food Services	1,001	8.7	7.2	1,122	11.3	7.3	-121
Transport, Postal and Warehousing	221	1.9	5.1	313	3.1	5.2	-92
Information Media and Telecommunications	36	0.3	1.4	51	0.5	1.4	-15
Financial and Insurance Services	115	1.0	2.6	127	1.3	2.7	-11
Rental, Hiring and Real Estate Services	194	1.7	1.9	207	2.1	2.0	-13
Professional, Scientific and Technical Services	366	3.2	7.1	347	3.5	6.8	+19
Administrative and Support Services	281	2.4	3.3	328	3.3	3.5	-47
Public Administration and Safety	769	6.7	6.8	662	6.7	6.6	+107
Education and Training	1,320	11.4	9.0	1,193	12.0	9.1	+127
Health Care and Social Assistance	956	8.3	13.8	1,024	10.3	12.9	-68
Arts and Recreation Services	170	1.5	1.7	147	1.5	1.7	+23
Other Services	406	3.5	4.0	418	4.2	4.2	-12
Total industries	11,548	100.0	100.0	9,950	100.0	100.0	+1,598

Source: National Institute of Economic and Industry Research (NIEIR) ©2021. Compiled and presented in economy.id by .id (informed decisions). NIEIR-ID data are adjusted each year, using updated employment estimates. Each release may change previous years' figures.

[Learn more](#)

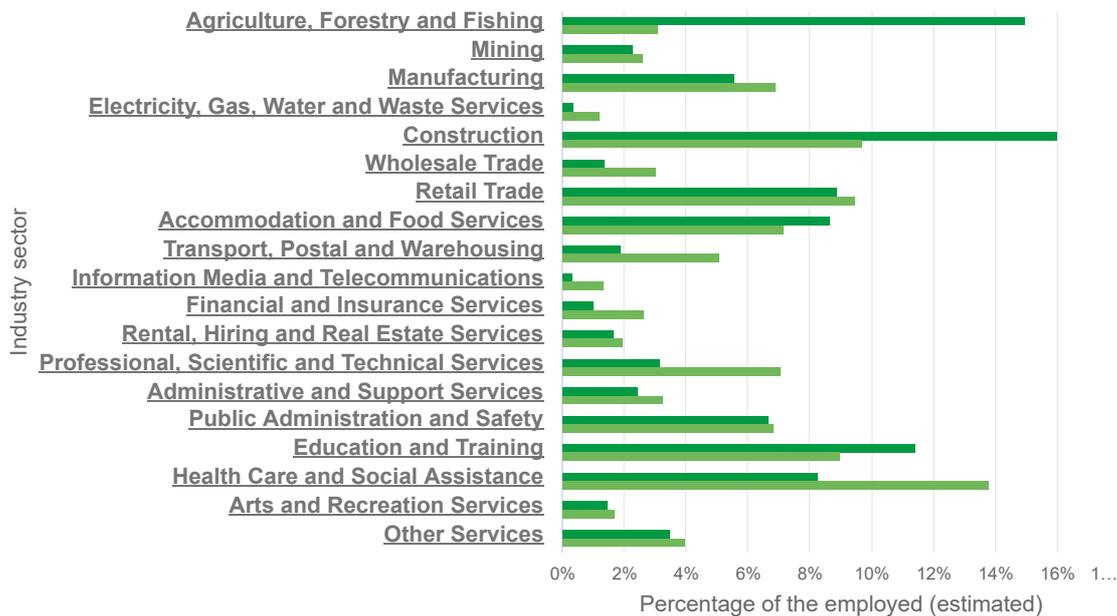
Please refer to specific data notes for more information

Did you know? By clicking/tapping on a category in the chart below you will be able to drilldown to the sub categories.

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Employment (total) by industry 2019/20

■ Livingstone Shire Council area ■ Queensland

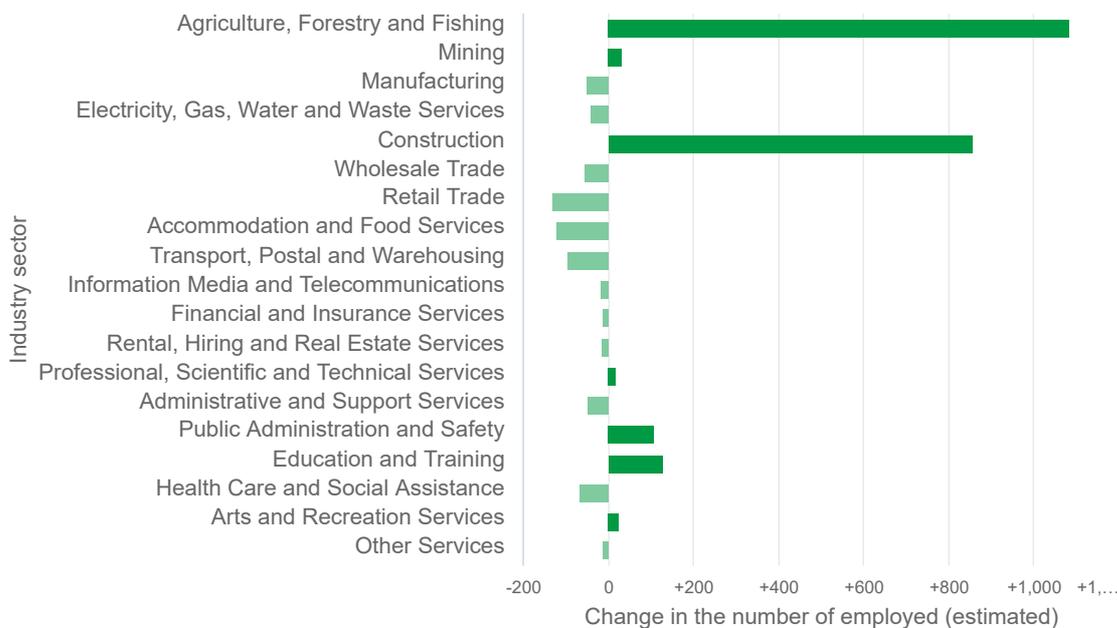


Source: National Institute of Economic and Industry Research (NIEIR) ©2021
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Change in employment (total) by industry, 2014/15 to 2019/20

Livingstone Shire Council area



Source: National Institute of Economic and Industry Research (NIEIR) ©2021
 Compiled and presented in economy.id by .id (informed decisions).



Dominant groups

An analysis of the jobs held by the local workers in Livingstone Shire Council area in 2019/20 shows the three largest industries were:

- Construction (1,846 people or 16.0%)
- Agriculture, Forestry and Fishing (1,732 people or 15.0%)
- Education and Training (1,320 people or 11.4%)

In combination these three fields accounted for 4,898 people in total or 42.4% of the local workers.

In comparison, Queensland employed 9.7% in Construction; 3.1% in Agriculture, Forestry and Fishing and 9.0% in Education and Training.

The major differences between the jobs held by local workers of Livingstone Shire Council area and Queensland were:

- A *larger* percentage of local workers employed in the field of Agriculture, Forestry and Fishing (15.0% compared to 3.1%)
- A *larger* percentage of local workers employed in the field of Construction (16.0% compared to 9.7%)
- A *smaller* percentage of local workers employed in the field of Health Care and Social Assistance (8.3% compared to 13.8%)
- A *smaller* percentage of local workers employed in the field of Professional, Scientific and Technical Services (3.2% compared to 7.1%)

Emerging groups

The number of local workers in Livingstone Shire Council area increased by increased by 1,598 between 2014/15 and 2019/20.

- Agriculture, Forestry and Fishing (+1,083 local workers)
- Construction (+856 local workers)
- Education and Training (+127 local workers)
- Public Administration and Safety (+107 local workers)

To continue building your economic story go to...

- Employment by industry (FTE)
- Employment by industry (Census)
- Workers place of residence by industry

Livingstone Shire Council area

Worker productivity

In Livingstone Shire Council area, Mining had the highest productivity by industry, generating \$611,573 per worker in 2019/20.

Worker productivity by industry is calculated by dividing the industry value add by the number of persons employed in that industry. It shows which industries generate the most value add per employee. Some industry sectors, such as retail trade, are not highly productive per worker, but they employ a lot of people. Other industries, such as mining, employ fewer people but generate high levels of productivity. Each plays an important role in the economy.

Worker productivity data should be viewed in conjunction with [Employment by industry \(Total\)](#) and [Employment by industry \(FTE\)](#), to see the relative size of employment in each industry, and with [Local workers income](#) to see how many local workers are actually each in each industry, and with [Sources of income](#) data to see whether employment is the main way income is derived.

Detailed notes about how the figures are derived can be found in the specific [topic notes section](#). National Economics (NIEIR) - Modelled series

Data source

National Economics
(NIEIR) - Modelled series

 **Did you know?** By clicking/tapping on a data row in the table you will be able to see sub categories.

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Productivity per worker (annual) by industry

Livingstone Shire Council area - Constant prices					
	2019/20		2014/15		Change
Industry					2014/15
		\$ Queensland	\$ Queensland	\$ Queensland	2019/20
Agriculture, Forestry and Fishing	34,444	97,832	120,792	160,914	-86,348
Mining	611,573	772,466	492,202	573,068	+119,371
Manufacturing	114,439	123,553	99,775	133,240	+14,664
Electricity, Gas, Water and Waste Services	337,226	355,971	371,609	338,962	-34,383
Construction	120,466	108,502	134,831	153,828	-14,365
Wholesale Trade	134,185	163,881	142,685	164,429	-8,500
Retail Trade	55,830	64,125	52,703	61,300	+3,128
Accommodation and Food Services	44,013	46,798	48,721	52,458	-4,708
Transport, Postal and Warehousing	98,732	137,507	105,890	132,217	-7,158
Information Media and Telecommunications	130,793	144,506	90,390	121,238	+40,403
Financial and Insurance Services	391,220	328,292	334,651	304,065	+56,569
Rental, Hiring and Real Estate Services	154,531	210,606	150,662	198,554	+3,869
Professional, Scientific and Technical Services	86,480	111,633	89,201	112,369	-2,720
Administrative and Support Services	114,357	125,726	90,971	114,109	+23,385
Public Administration and Safety	122,480	117,559	111,008	110,392	+11,471
Education and Training	78,468	80,032	69,015	77,901	+9,453
Health Care and Social Assistance	77,252	84,143	68,554	71,425	+8,698
Arts and Recreation Services	40,115	59,815	42,140	59,781	-2,025
Other Services	59,312	65,906	60,075	66,172	-764
Total worker productivity	97,181	125,172	100,497	123,701	-3,316

Source: National Institute of Economic and Industry Research (NIEIR) ©2021. Compiled and presented in economy.id by .id (informed decisions). Data are based on a 2018-19 price base for all years. NIEIR-ID data are inflation adjusted each year to allow direct comparison, and annual data releases adjust previous years' figures to a new base year. Learn more

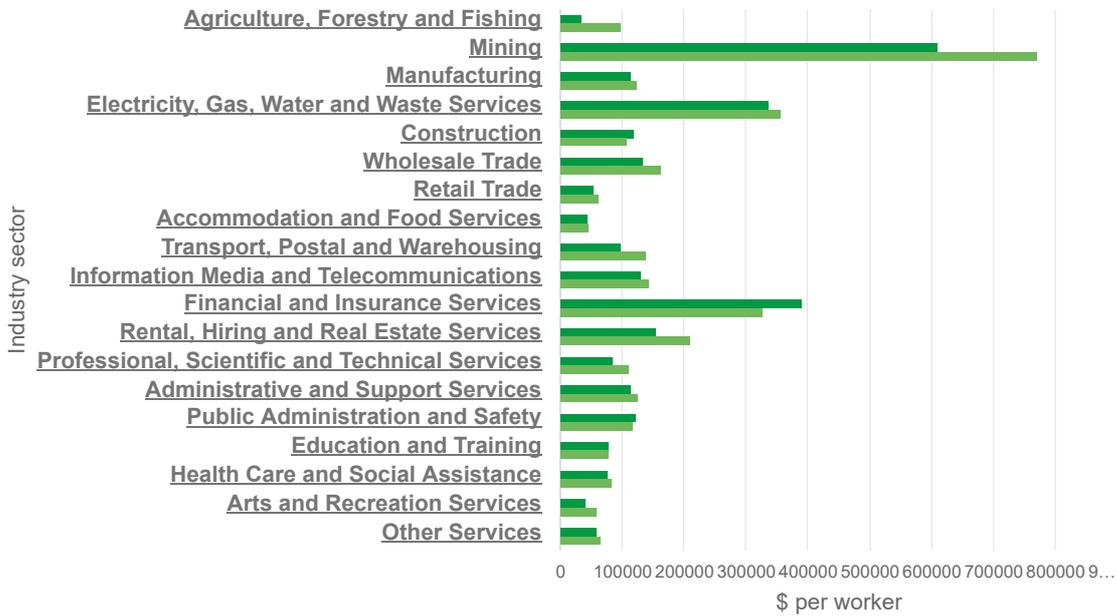
Please refer to specific data notes for more information

Did you know? By clicking/tapping on a category in the chart below you will be able to drilldown to the sub categories.

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Productivity per worker (annual) by industry 2019/20

Livingstone Shire Council area Queensland

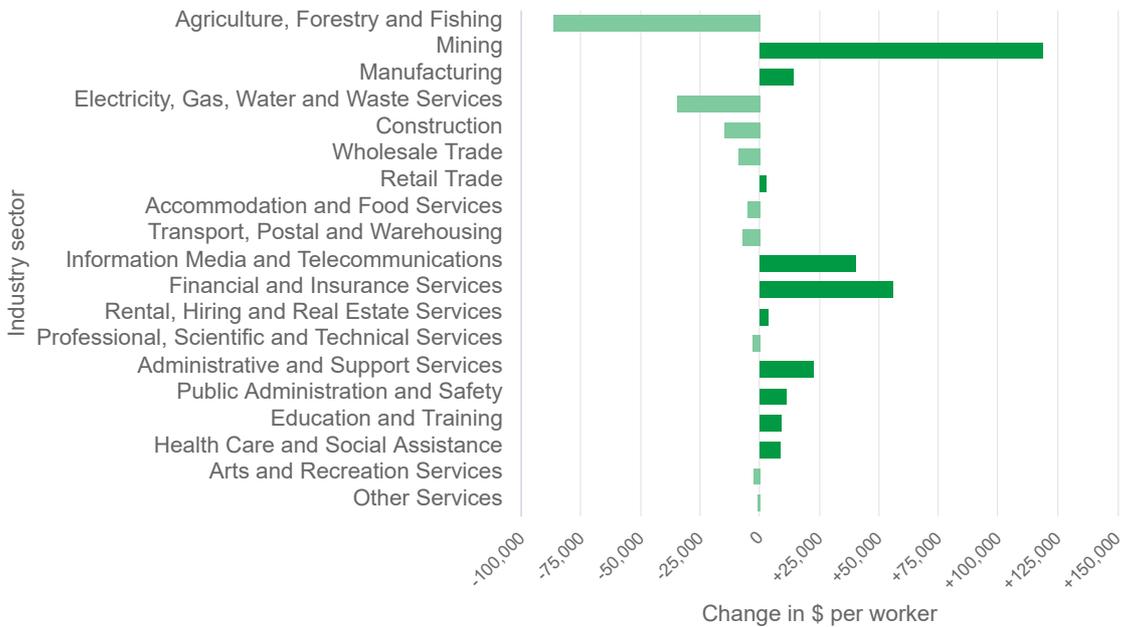


Source: National Institute of Economic and Industry Research (NIEIR) ©2021
 Compiled and presented in economy.id by .id (informed decisions).



Change in productivity per worker (annual) by industry, 2014/15 to 2019/20

Livingstone Shire Council area



Source: National Institute of Economic and Industry Research (NIEIR) ©2021
 Compiled and presented in economy.id by .id (informed decisions).



Dominant groups

An analysis of the jobs held by the full-time equivalent local workers in Livingstone Shire Council area in 2019/20 shows the three highest industries were:

- Mining (\$611,573)
- Financial and Insurance Services (\$391,220)
- Electricity, Gas, Water and Waste Services (\$337,226)

In comparison, the same 3 industries in Queensland were for \$772,466 in Mining; \$328,292 in Financial and Insurance Services and \$355,971 in Electricity, Gas, Water and Waste Services.

The major differences between the jobs held by the full-time equivalent local workers of Livingstone Shire Council area and Queensland were:

- A *lower* worker productivity in Rental, Hiring and Real Estate Services (\$154,531 compared to \$210,606)
- A *higher* worker productivity in Financial and Insurance Services (\$391,220 compared to \$328,292)
- A *lower* worker productivity in Agriculture, Forestry and Fishing (\$34,444 compared to \$97,832)
- A *lower* worker productivity in Mining (\$611,573 compared to \$772,466)

Emerging groups

The total worker productivity by industry in Livingstone Shire Council area decreased by -3,316 between 2014/15 and 2019/20.

The largest changes in worker productivity by industries between 2014/15 and 2019/20 in Livingstone Shire Council area were for those employed in:

- Mining (+\$119,371)
- Agriculture, Forestry and Fishing (-\$86,348)
- Financial and Insurance Services (+\$56,569)
- Information Media and Telecommunications (+\$40,403)

To continue building your economic story go to...

- Employment by industry (Total)
 - Employment by industry (FTE)
 - Income
 - Sources of income
-

Livingstone Shire

Employment locations - All industries

The destination zone with the greatest number (4,101) of workers employs 46.2% of the local workers within Livingstone Shire.

Place of Work data, mapped to Destination Zones, provide an excellent spatial representation of where each industry's economic activity is conducted within Livingstone Shire.

Some industries are clustered in business parks, or along major transport routes. Others are associated with institutions such as schools, universities and hospitals.

Employment locations data should be viewed in conjunction with [Workers place of residence](#) data to see how far people travel to get to employment in the Livingstone Shire, and with [Employment by industry \(Total\)](#), and [Businesses by industry](#) data to see the total size of industries in the area.

Data presented here show the number of local workers per destination zone at the 2016 Census. This has been derived from the ABS imputed dataset using methodology from the Bureau of Transport statistics, and adjusts for Census undercount.

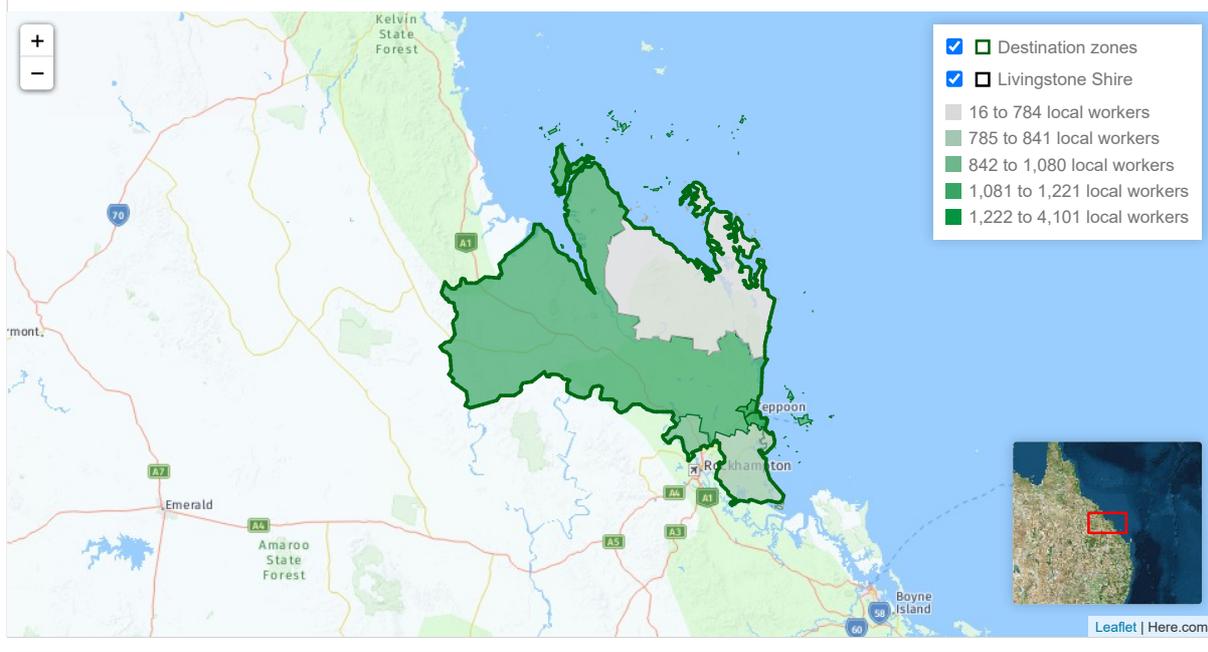
Data source

Australian Bureau of Statistics (ABS) –
Census 2016 – by place of work

Did you know? By clicking/tapping on a destination zone you are able to view data on all industries for selected area. Click/tap multiple areas to view aggregated data.

All industries

Livingstone Shire - Employment locations - Number of local workers 2016



To continue building your economic story go to...

- Workers place of residence by industry
 - Employment by industry (Total)
 - Businesses by industry
-

Livingstone Shire Council area

Workers place of residence by industry - All industries

Of the 8,848 local workers in Livingstone Shire Council area, 7,315 or 82.7% also live in the area.

Journey to Work (workers) data shows where Livingstone Shire Council area's local workers come from and how far they are travelling to access employment in the area.

This shows the degree to which the local economy draws on the wider region to supply labour for its industries. It is also useful in planning and advocacy for roads and public transport provision.

The distance and direction travelled by workers in different industry sectors may be influenced by the nature of employment opportunities (higher paid, high value employment may draw people from a wider area); the skill level required (jobs requiring tertiary qualifications will draw more workers from areas with high qualification levels among the residents) the number of jobs available in the industry sector (sectors with more opportunities may have a wider catchment); transport options available and commuting times to Livingstone Shire Council area.

Workers place of residence data should be viewed alongside [Self-sufficiency](#) and [Jobs to workers ratio](#) datasets for a summary of local employment opportunity by industry, as well as modelled [Employment by industry \(Total\)](#) numbers and Employment locations to understand the relative size of each industry sector and its distribution across Livingstone Shire Council area. To analyse the characteristics of local workers in each industry, go to the [Local workers](#) section.

Data source

Australian Bureau of Statistics (ABS) –
Census 2016 – by
journey to work

Residential location of local workers by industry

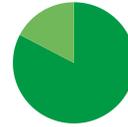
Livingstone Shire - All industries		2016	
Location	Number	%	
Live and work in the area	7,315	82.7	
Work in the area, but live outside	1,533	17.3	
Total workers in the area	8,848	100.0	

Source: Australian Bureau of Statistics, Census of Population and Housing 2016. Compiled and presented in economy.id by .id (informed decisions) Excludes residential locations with fewer than 10 people.

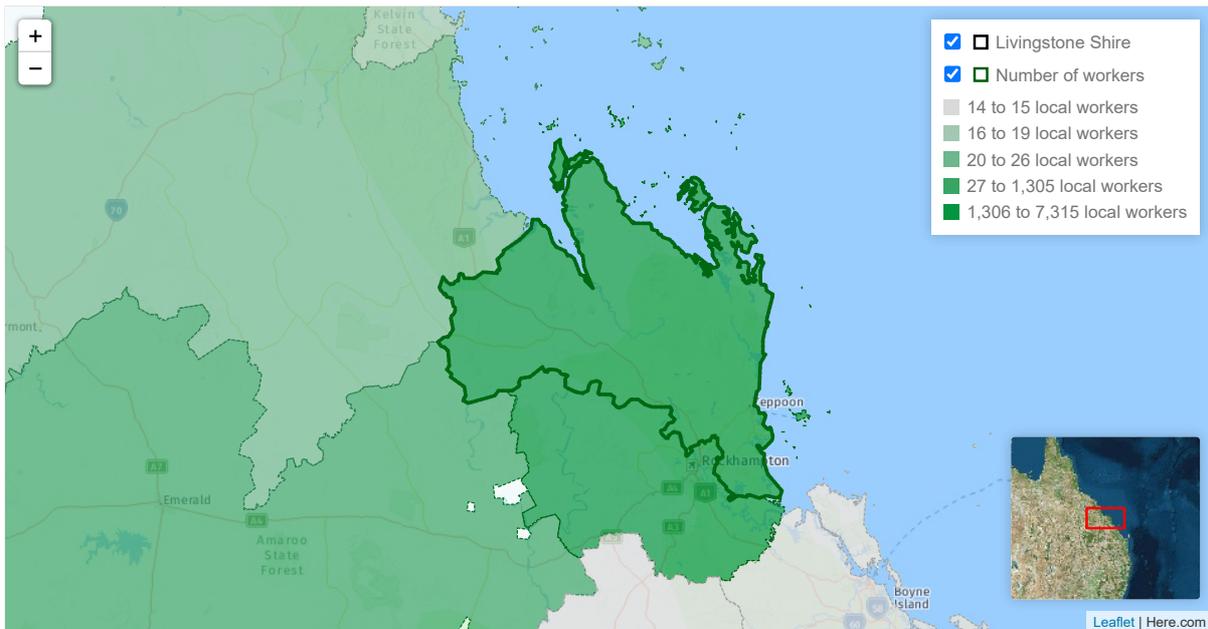
Residential location of local workers, 2016

Livingstone Shire - All industries

- Live and work in the area
- Work in the area, but live outside



Source: Australian Bureau of Statistics, Census of Population and Housing 2016. Compiled and presented in economy.id by .id (informed decisions) Excludes residential locations with fewer than 10 people.



Residential location of local workers by LGA by industry

Livingstone Shire - All industries

2016

Location	Number	%
Livingstone (S)	7,315	82.7
Rockhampton (R)	1,306	14.8
Central Highlands (R) (Qld)	27	0.3
Isaac (R)	20	0.2
Brisbane (C)	18	0.2
Mackay (R)	18	0.2
Gold Coast (C)	16	0.2
Sunshine Coast (R)	15	0.2
Banana (S)	14	0.2
Cassowary Coast (R)	14	0.2
Gladstone (R)	14	0.2

Source: Australian Bureau of Statistics, Census of Population and Housing 2016. Compiled and presented in economy.id by .id (informed decisions) Excludes residential locations with fewer than 10 people.

To continue building your economic story go to...

- Employment self-sufficiency
- Jobs to workers ratio
- Employment locations
- Employment by industry (Total)
- Key statistics

Livingstone Shire

Residents place of work by industry - All industries

7,222 or 47.0% of Livingstone Shire's resident workers travel outside of the area to work.

Journey to Work (residents) data shows where Livingstone Shire's resident workers go to work and whether they need to travel significant distances to work. This impacts upon planning and advocacy for roads and public transport provision, as well as economic development strategies to develop local employment which fits the skills and qualifications of the resident workers.

The distance travelled by residents in different industry sectors may be influenced by; the nature of employment opportunities versus the skills and qualifications of local residents; transport options available and commuting times; relationship between wages and salaries (people will travel further for higher paid jobs), house prices in the local area; and the geographic size of the local area (in large areas, local jobs may not in fact be so local, while in more compact areas, resident workers may walk to work in a neighbouring LGA.).

Please note that where an industry has a very small number of employed residents, there may be no information displayed on the map or the detailed table due to insufficient residents travelling to any one area to display. The summary table will still include the information for the total residents working locally or travelling outside the area to work.

Residents place of work data should be viewed alongside [Self-containment](#) and [Jobs to workers ratio](#) datasets, as well as modelled [Employed residents](#) estimates, which are updated annually. The [Resident workers](#) section will provide the characteristics of resident workers.

Data source

Australian Bureau of Statistics (ABS) – Census 2016 – by place to work

Employment location of resident workers by industry

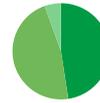
Livingstone Shire - All industries		2016	
Location	Number	%	
Live and work in the area	7,315	47.6	
Live in the area, but work outside	7,222	47.0	
No fixed place of work	835	5.4	
Total employed residents in the area	15,372	100.0	

Source: Australian Bureau of Statistics, Census of Population and Housing 2016. Compiled and presented in economy.id by .id (informed decisions) Excludes residential locations with fewer than 10 people.

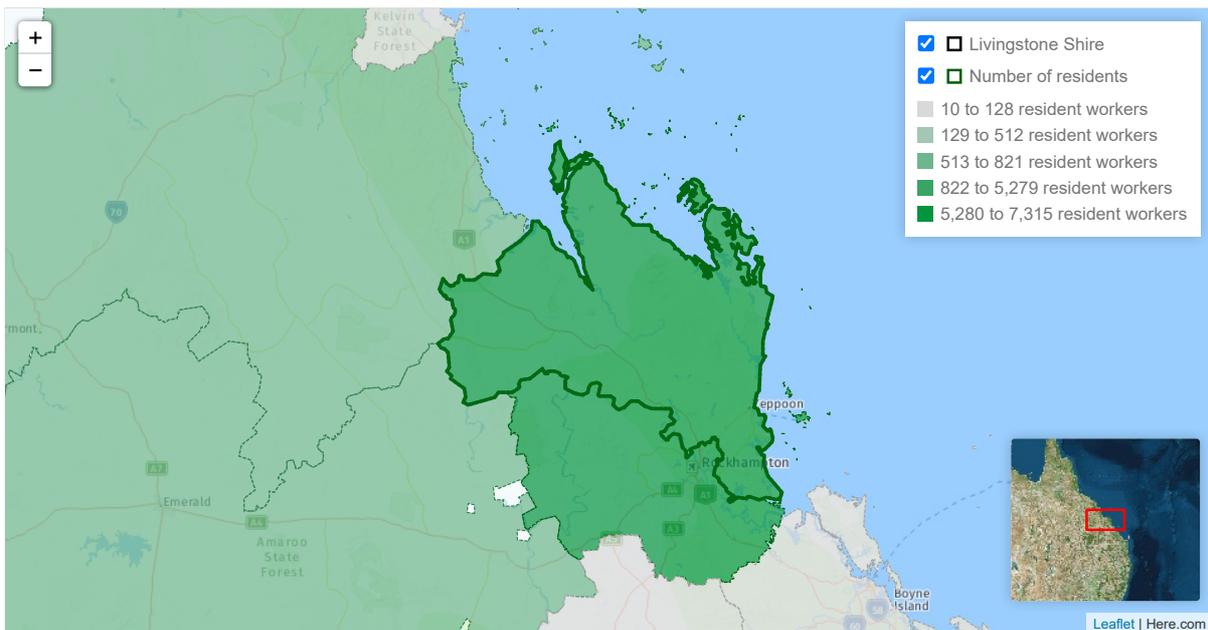
Employment location of resident workers, 2016

Livingstone Shire - All industries

- Live and work in the area
- Live in the area, but work outside
- No fixed place of work



Source: Australian Bureau of Statistics, Census of Population and Housing 2016. Compiled and presented in economy.id by .id (informed decisions) Excludes residential locations with fewer than 10 people.



Employment location of resident workers by LGA by industry

Livingstone Shire - All industries		2016	
Location	Number	%	
Livingstone (S)	7,315	47.6	
Rockhampton (R)	5,280	34.3	
No Fixed Address (Qld)	822	5.3	
Central Highlands (R) (Qld)	698	4.5	
Isaac (R)	513	3.3	
Brisbane (C)	129	0.8	
Banana (S)	128	0.8	
Gold Coast (C)	80	0.5	
Gladstone (R)	72	0.5	
Sunshine Coast (R)	46	0.3	
Mackay (R)	31	0.2	
Moreton Bay (R)	18	0.1	
Western Downs (R)	18	0.1	
Ipswich (C)	16	0.1	
Townsville (C)	13	0.1	
Ashburton (S)	12	0.1	
Maranoa (R)	10	0.1	
Logan (C)	10	0.1	
Douglas (S)	10	0.1	

Source: Australian Bureau of Statistics, Census of Population and Housing 2016. Compiled and presented in economy.id by .id (informed decisions) Excludes residential locations with fewer than 10 people.

To continue building your economic story go...

- > Self containment
- Jobs to workers ratio
- Employed residents
- Key statistics

Livingstone Shire Council area

Employment self-containment

In 2016, 47.6% of Livingstone Shire Council area's resident workers were employed locally.

Self-containment measures the proportion of resident workers who are employed within the boundaries of the Local Government Area or region. It indicates the propensity of residents to seek employment outside the Local Government Area or region in which they live.

Self containment is likely to be higher for regional areas and, lower in metropolitan areas and is influenced by:

- The nature of employment opportunities versus the skills and qualifications of residents;
- Transport options available and commuting times;
- Relationship between wages and salaries and house prices in the area; and
- The geographic size of the area.

Employment self-containment data should be viewed in conjunction with detailed [Residents place of work](#) data to see where resident workers are accessing employment, along with [Jobs to workers](#) ratio data which provides the theoretical number of jobs which could be provided to residents of Livingstone Shire Council area in the local area, and is updated annually. The [Resident workers](#) section will provide the characteristics of resident workers.

Data source

Australian Bureau of Statistics (ABS) – Census 2011 (experimental imputed) & 2016 – by place of work

Please note: The 2016 Census used a new methodology to "impute" a work location to people who didn't state their workplace address. As a result, 2016 and 2011 place of work data are not normally comparable. To allow comparison between 2011 and 2016, .id has sourced a 2011 dataset from the ABS which was experimentally imputed using the same methodology. To provide this detail, Livingstone Shire in 2011 had to be constructed from a best fit of Work Destination Zones (DZNs). While it may not be an exact match to the LGA or region boundary, it is considered close enough to allow some comparison. Users should treat this time series data with caution, however, and not compare directly with 2011 data from any other source.

Industry

Occupations

Employment self-containment by Industry

Livingstone Shire Council area								2016	2011	Change
Industry	Total resident workers	% Resident workers residing in Livingstone Shire Council area		Total resident workers	% Resident workers residing in Livingstone Shire Council area		2011 - 2016			
		Shire Council area	Livingstone Shire Council area		Shire Council area	Livingstone Shire Council area				
Financial and Insurance Services	203	93	45.8	242	112	46.3	-0.5%			
Retail Trade	1,482	887	59.9	1,502	899	59.9	--%			
Accommodation and Food Services	1,125	855	76.0	1,102	907	82.3	-6.3%			
Agriculture, Forestry and Fishing	608	511	84.0	551	511	92.7	-8.7%			
Public Administration and Safety	980	462	47.1	942	374	39.7	+7.4%			
Transport, Postal and Warehousing	605	182	30.1	568	177	31.2	-1.1%			
Construction	1,465	661	45.1	1,225	671	54.8	-9.7%			
Mining	1,424	107	7.5	1,157	89	7.7	-0.2%			
Electricity, Gas, Water and Waste Services	310	40	12.9	312	37	11.9	+1.1%			
Rental, Hiring and Real Estate Services	253	165	65.2	228	153	67.1	-1.9%			
Professional, Scientific and Technical Services	535	275	51.4	554	289	52.2	-0.8%			
Industry not classified	519	285	54.9	309	155	50.2	+4.8%			
Manufacturing	563	250	44.4	881	379	43.0	+1.4%			
Education and Training	1,670	915	54.8	1,402	718	51.2	+3.6%			
Other Services	657	339	51.6	534	256	47.9	+3.7%			
Arts and Recreation Services	162	108	66.7	133	93	69.9	-3.3%			
Administrative and Support Services	467	249	53.3	288	169	58.7	-5.4%			
Wholesale Trade	362	106	29.3	389	120	30.8	-1.6%			
Information Media and Telecommunications	88	34	38.6	93	31	33.3	+5.3%			
Total Industries	15,372	7,315	47.6	14,004	6,828	48.8	-1.2%			

Source: Australian Bureau of Statistics, Census of Population and Housing 2011 and 2016
 Compiled and presented in economy.id by .id (informed decisions).

Please refer to specific data notes for more information

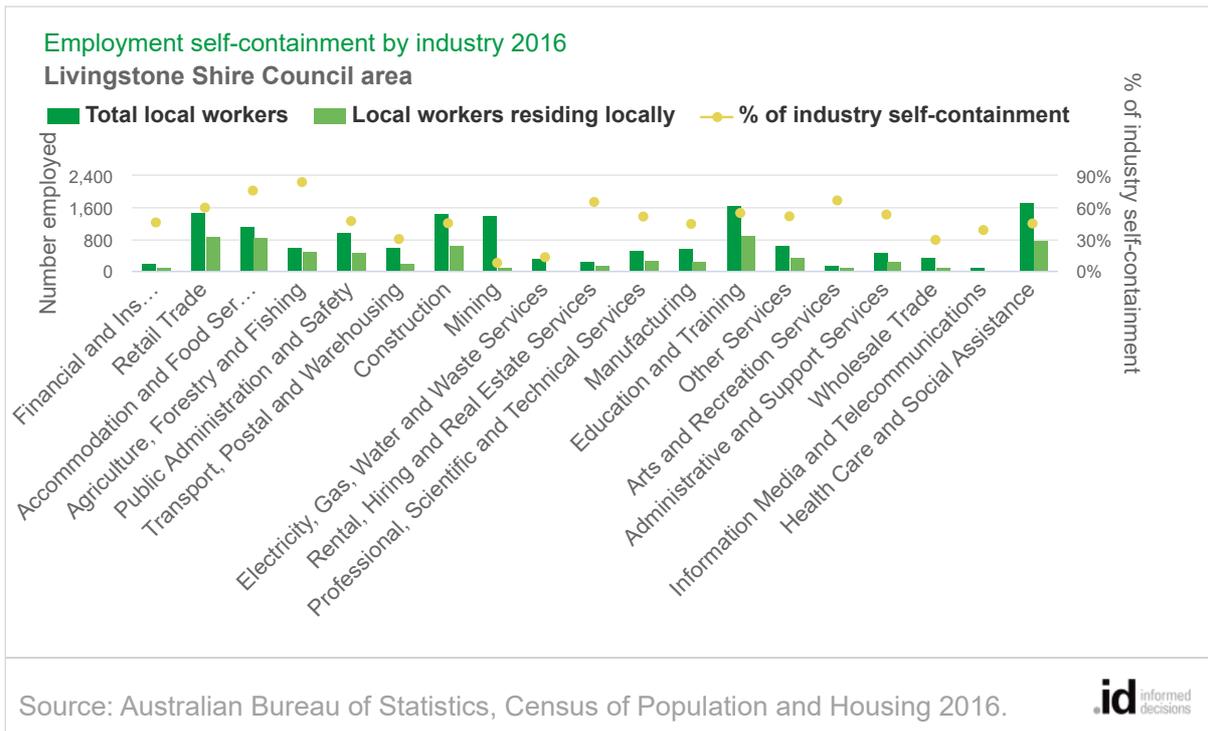
Employment self-containment by Industry

Livingstone Shire Council area	2016			2011			Change
Industry	Total resident workers	Shire Council area%	Shire Council area%	Total resident workers	Shire Council area%	Shire Council area%	2011 - 2016
Health Care and Social Assistance	1,745	782	44.8	1,483	688	46.4	-1.6%
Total Industries	15,372	7,315	47.6	14,004	6,828	48.8	-1.2%

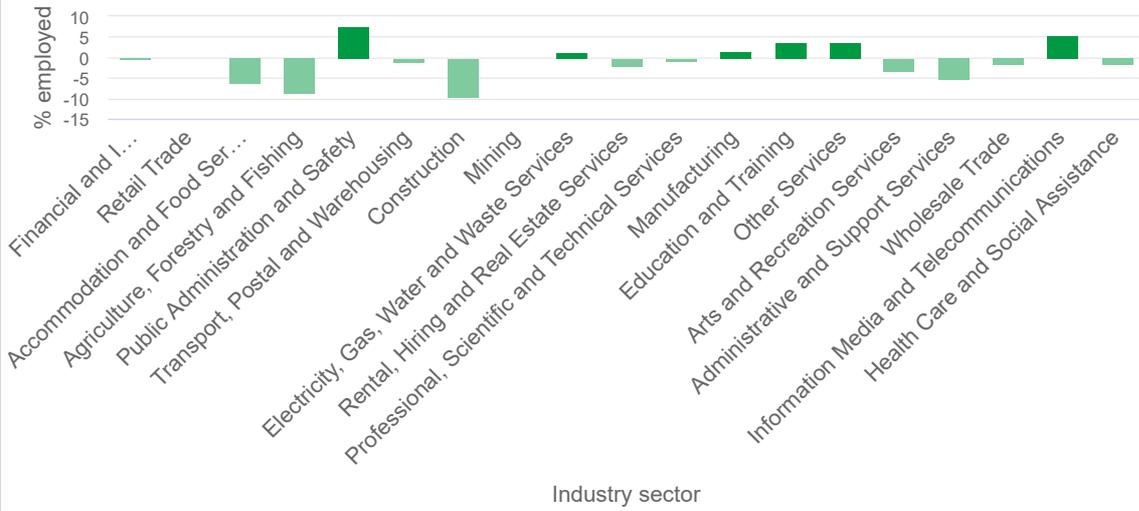
Source: Australian Bureau of Statistics, Census of Population and Housing 2011 and 2016
 Compiled and presented in economy.id by .id (informed decisions).

Please refer to specific data notes for more information

Residents employment by industry by small area



Change in self-containment percentage by industry, 2011 to 2016
Livingstone Shire Council area



Source: Australian Bureau of Statistics, Census of Population and Housing 2011 and 2016.



To continue building your economic story go to...

- > Residents place of work by industry
- Jobs to workers ratio
- Key statistics

Livingstone Shire

The page you requested is not available at this stage.

This dataset is available in the full version economy.id. Please contact .id for more information on (+61) 3 94172205

Livingstone Shire Council area

Jobs to workers ratio

The jobs to residents ratio for Livingstone Shire Council area in 2019/20 was 0.65, meaning that there were less jobs than resident workers. Manufacturing had the highest ratio (1.06), while the lowest ratio was found in Electricity, Gas, Water and Waste Services (0.15).

A goal of economic development is often to maximise the employment opportunities locally, leading to a more socially and environmentally sustainable community.

Employment capacity is a simple way of looking at whether Livingstone Shire Council area could theoretically provide jobs for all its residents if they were to choose to work locally.

Employment capacity is simply the number of local jobs in an industry, divided by the number of local residents employed (anywhere) in that industry. A figure over 1.0 means there are more jobs available than residents employed in that industry. Under 1.0 means there are more residents employed than jobs available in that sector.

This is a theoretical exercise as, even if there are enough jobs provided locally, there will always be some people who choose to commute out of the area.

Employment capacity data should be viewed in conjunction with [Employment self-containment](#) and [Residents place of work](#) data, which provides detail about the actual proportion of residents working locally, and [Gross Regional Product](#) and [Worker productivity](#) data which shows the economic contribution of residents and workers.

Data source

National Economics
(NIEIR) - Modelled series

Did you know? By clicking/tapping on a category in the chart below you will be able to drilldown to the sub categories.



Employment capacity by industry

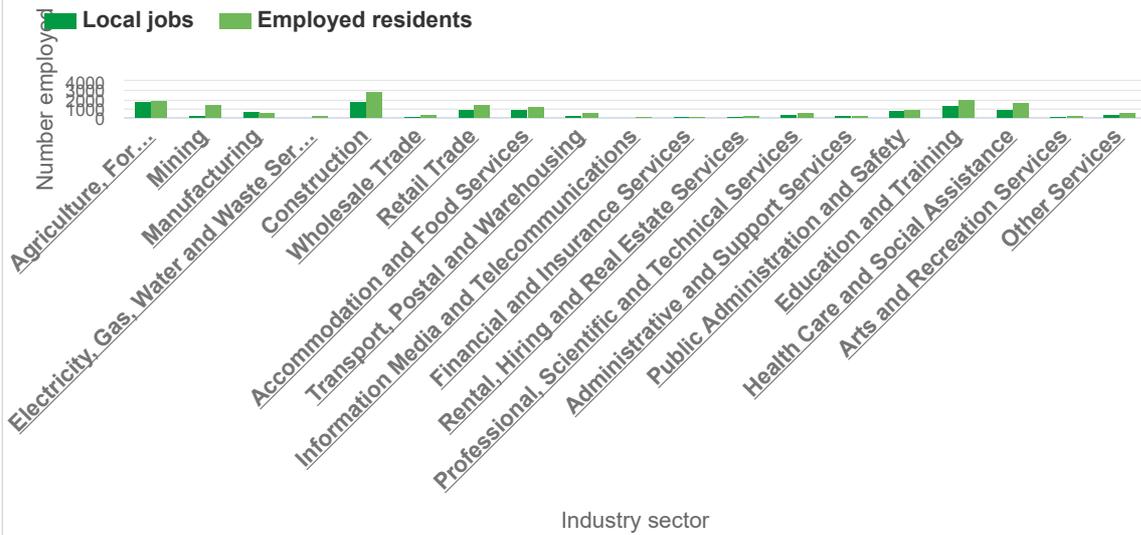
Livingstone Shire Council area						
	2019/20			2014/15		
Industry	Local jobs	Employed residents	Ratio of jobs to residents	Local jobs	Employed residents	Ratio of jobs to residents
Agriculture, Forestry and Fishing	1,732	1,982	0.87	648	670	0.97
Mining	264	1,492	0.18	229	1,657	0.14
Manufacturing	645	608	1.06	694	749	0.93
Electricity, Gas, Water and Waste Services	42	280	0.15	82	406	0.20
Construction	1,846	2,887	0.64	990	1,742	0.57
Wholesale Trade	160	394	0.41	215	464	0.46
Retail Trade	1,023	1,481	0.69	1,152	1,626	0.71
Accommodation and Food Services	1,001	1,184	0.84	1,122	1,266	0.89
Transport, Postal and Warehousing	221	574	0.38	313	697	0.45
Information Media and Telecommunications	36	81	0.44	51	110	0.47
Financial and Insurance Services	115	174	0.66	127	242	0.52
Rental, Hiring and Real Estate Services	194	283	0.69	207	279	0.74
Professional, Scientific and Technical Services	366	536	0.68	347	646	0.54
Administrative and Support Services	281	342	0.82	328	500	0.66
Public Administration and Safety	769	966	0.80	662	1,054	0.63
Education and Training	1,320	2,015	0.66	1,193	1,864	0.64
Health Care and Social Assistance	956	1,648	0.58	1,024	1,985	0.52
Arts and Recreation Services	170	235	0.72	147	186	0.79
Other Services	406	603	0.67	418	739	0.56
Total industries	11,548	17,767	0.65	9,950	16,885	0.59

Source: National Institute of Economic and Industry Research (NIEIR) ©2021. Compiled and presented in economy.id by .id (informed decisions). NIEIR-ID data are adjusted each year, using updated employment estimates. Each release may change previous years' figures. Learn more.

Please refer to specific data notes for more information

Employment capacity by industry 2019/20

Livingstone Shire



Source: National Institute of Economic and Industry Research (NIEIR) ©2021
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Employment capacity by industry 2019/20

Livingstone Shire



Source: National Institute of Economic and Industry Research (NIEIR) ©2021
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To continue building your economic story go to...

- > Employment self-containment
- Residents place of work by industry
- Gross Regional Product
- Worker productivity