



# Queensland Regional Profiles

Workforce Profile - people who work in the region

## Townsville & NW QLD region

Compared with Queensland

4 June 2018

**Queensland Government Statistician's Office**

Queensland Treasury

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## Region overview

The workforce profiles provide Census characteristics of employed persons (workers) aged 15 years and over. The data in this profile are based on where people work, as opposed to where people live (usual residence) or where people were counted on Census Night (enumeration). For some topics, more detailed data are available through the [Queensland Regional Database](#) (also known as QRSIS), developed and maintained by the Queensland Government Statistician's Office, Queensland Treasury.

Townsville & NW QLD region comprises the 15 local government areas of Boulia (S), Burdekin (S), Burke (S), Carpentaria (S), Charters Towers (R), Cloncurry (S), Doomadgee (S), Flinders (S), Hinchinbrook (S), McKinlay (S), Mornington (S), Mount Isa (C), Palm Island (S), Richmond (S) and Townsville (C).

Townsville & NW QLD region has a total land area of 449,190.9 km<sup>2</sup>, with an average daily temperature range of 18.1°C to 31.9°C and an average annual rainfall of 561 mm.

Data for Townsville & NW QLD region are based on Australian Bureau of Statistics (ABS), Australian Statistical Geography Standard (ASGS), July 2016. In some cases these data have been concorded from other geographical boundaries.

Queensland has a total land area of 1,734,238.8 km<sup>2</sup>, with an average daily temperature range of 16.4°C to 30.0°C and an average annual rainfall of 637 mm.

Data for Queensland are based on Australian Bureau of Statistics (ABS), Australian Statistical Geography Standard (ASGS), July 2016.

This profile should be read in conjunction with the abbreviations and explanatory notes provided at the rear of the profile.

These topics have been updated to reflect the reissue of [ABS Census 2016 workplace location data](#) on 13 December 2017.

# Economy

## Age by hours worked

Age by hours worked has been derived from the Working Population Profile from the 2016 Census of Population and Housing. The hours worked variable records the number of hours worked in all jobs held during the week before Census Night. For Census purposes, a person is considered to be working full-time if they worked 35 hours or more in all jobs during the week before Census Night. Data are based on employed persons aged 15 years and over by place of work.

The percentage of workers aged 25-54 years employed full-time in Townsville & NW QLD region was

# 71.0%

### Townsville & NW QLD region

- 48.2% of workers aged 15-24 years worked full-time
- 71.0% of workers aged 25-54 years worked full-time
- 63.1% of workers aged 55 years and over worked full-time

### Queensland

- 41.9% of workers aged 15-24 years worked full-time
- 68.2% of workers aged 25-54 years worked full-time
- 58.6% of workers aged 55 years and over worked full-time

**Table 1 Age by hours worked, Townsville & NW QLD region and Queensland, 2016**

Age / hours worked	Townsville & NW QLD region		Queensland	
	number	%	number	%
<b>15-24 years</b>				
0 hours <sup>(a)</sup>	1,156	5.7	17,555	5.3
1-24 hours	7,181	35.5	135,826	40.9
25-34 hours	2,082	10.3	39,588	11.9
35-40 hours	6,100	30.2	97,245	29.3
41-48 hours	1,757	8.7	21,220	6.4
49 hours or more	1,887	9.3	20,855	6.3
<b>Total</b>	<b>20,202</b>	<b>100.0</b>	<b>332,289</b>	<b>100.0</b>
<b>25-54 years</b>				
0 hours <sup>(a)</sup>	3,937	5.3	69,111	4.9
1-24 hours	9,416	12.8	211,794	15.2
25-34 hours	8,002	10.8	163,404	11.7
35-40 hours	28,229	38.3	548,472	39.3
41-48 hours	8,624	11.7	147,196	10.5
49 hours or more	15,514	21.0	257,227	18.4
<b>Total</b>	<b>73,777</b>	<b>100.0</b>	<b>1,397,194</b>	<b>100.0</b>
<b>55 years or over</b>				
0 hours <sup>(a)</sup>	1,451	6.9	24,110	6.0
1-24 hours	3,930	18.6	88,897	22.1
25-34 hours	2,474	11.7	53,225	13.3
35-40 hours	7,202	34.0	131,521	32.8
41-48 hours	1,914	9.0	32,559	8.1
49 hours or more	4,234	20.0	71,070	17.7
<b>Total</b>	<b>21,169</b>	<b>100.0</b>	<b>401,386</b>	<b>100.0</b>

Refer to explanatory notes for additional information.

(a) Includes workers who did not work any hours in the week prior to Census Night and persons who did not state their hours worked.

Source: ABS, *Census of Population and Housing, 2016, Working Population Profile - W03 (place of work)*

## Total personal income

Total personal income has been derived from the 2016 Census of Population and Housing question 'What is the total of all wages/salaries, government benefits, pensions, allowances and other income a person usually receives?'. These median total personal income estimates have been calculated by Queensland Treasury using income range data provided by the ABS. The variable is based on persons aged 15 years and over by place of work.

The median total personal income in Townsville & NW QLD region was

**\$52,722 per year**

### Townsville & NW QLD region

- Median total personal income of \$52,722 per year
- Within the region, McKinlay (S) LGA had the highest median total personal income with \$91,504 per year
- Within the region, Doomadgee (S) LGA had the lowest median total personal income with \$38,338 per year

### Queensland

- Median total personal income of \$50,901 per year

**Table 2 Total personal income by LGA, Townsville & NW QLD region and Queensland, 2016**

Custom region / LGA / State	Less than \$20,800 per year		\$20,800 to \$51,999 per year		\$52,000 to \$103,999 per year		\$104,000 or more per year		Total <sup>(a)</sup> number	Median (\$/year) \$
	number	%	number	%	number	%	number	%		
<b>Townsville &amp; NW QLD region</b>	<b>13,774</b>	<b>12.0</b>	<b>41,995</b>	<b>36.5</b>	<b>44,802</b>	<b>38.9</b>	<b>12,731</b>	<b>11.1</b>	<b>115,188</b>	<b>52,722</b>
Boulia (S)	18	7.5	127	52.9	79	32.9	17	7.1	240	45,760
Burdekin (S)	988	13.4	3,201	43.3	2,617	35.4	415	5.6	7,394	46,101
Burke (S)	9	6.1	77	52.0	42	28.4	22	14.9	148	47,252
Carpentaria (S)	82	9.5	356	41.4	342	39.8	77	9.0	860	51,207
Charters Towers (R)	675	15.8	1,691	39.6	1,389	32.5	421	9.9	4,273	46,216
Cloncurry (S)	116	3.8	514	17.0	1,185	39.2	1,141	37.8	3,022	90,581
Doomadgee (S)	55	16.6	161	48.5	91	27.4	24	7.2	332	38,338
Flinders (S)	134	16.7	343	42.8	226	28.2	72	9.0	802	43,736
Hinchinbrook (S)	689	16.0	1,880	43.6	1,402	32.6	234	5.4	4,307	43,557
McKinlay (S)	73	6.0	229	18.8	412	33.8	490	40.2	1,219	91,504
Mornington (S)	65	18.7	120	34.6	99	28.5	34	9.8	347	43,445
Mount Isa (C)	665	7.2	2,374	25.8	3,541	38.4	2,448	26.6	9,214	71,785
Palm Island (S)	92	15.7	285	48.7	168	28.7	44	7.5	585	43,386
Richmond (S)	106	14.5	341	46.6	233	31.8	33	4.5	732	43,643
Townsville (C)	10,007	12.2	30,296	37.1	32,976	40.4	7,259	8.9	81,713	51,968
<b>Queensland</b>	<b>266,010</b>	<b>12.5</b>	<b>812,157</b>	<b>38.1</b>	<b>774,266</b>	<b>36.3</b>	<b>244,876</b>	<b>11.5</b>	<b>2,130,869</b>	<b>50,901</b>

Refer to explanatory notes for additional information.

(a) Includes personal income not stated.

Source: ABS, *Census of Population and Housing, 2016, Working Population Profile - W06 (place of work)* and Queensland Treasury estimates

## Industry

Industry has been derived from the Working Population Profile from the 2016 Census of Population and Housing data. A person's industry of employment was classified based on responses to a range of questions from the Census. Data are based on employed persons aged 15 years and over by place of work.

The top five industry subdivisions of employment for workers in Townsville & NW QLD region were:

1. **Preschool and school education (7.0%)**
2. **Food and beverage services (5.9%)**
3. **Hospitals (5.3%)**
4. **Public administration (5.3%)**
5. **Other store based retailing (4.6%)**

### Townsville & NW QLD region

- 13.8% of workers were employed in the Health care and social assistance industry
- 12.1% of workers were employed in the Public administration and safety industry
- Highest specialisation ratio of 2.18 in Mining industry

### Queensland

- 13.0% of workers were employed in the Health care and social assistance industry
- 9.9% of workers were employed in the Retail trade industry

**Table 3 Industry, Townsville & NW QLD region and Queensland, 2016**

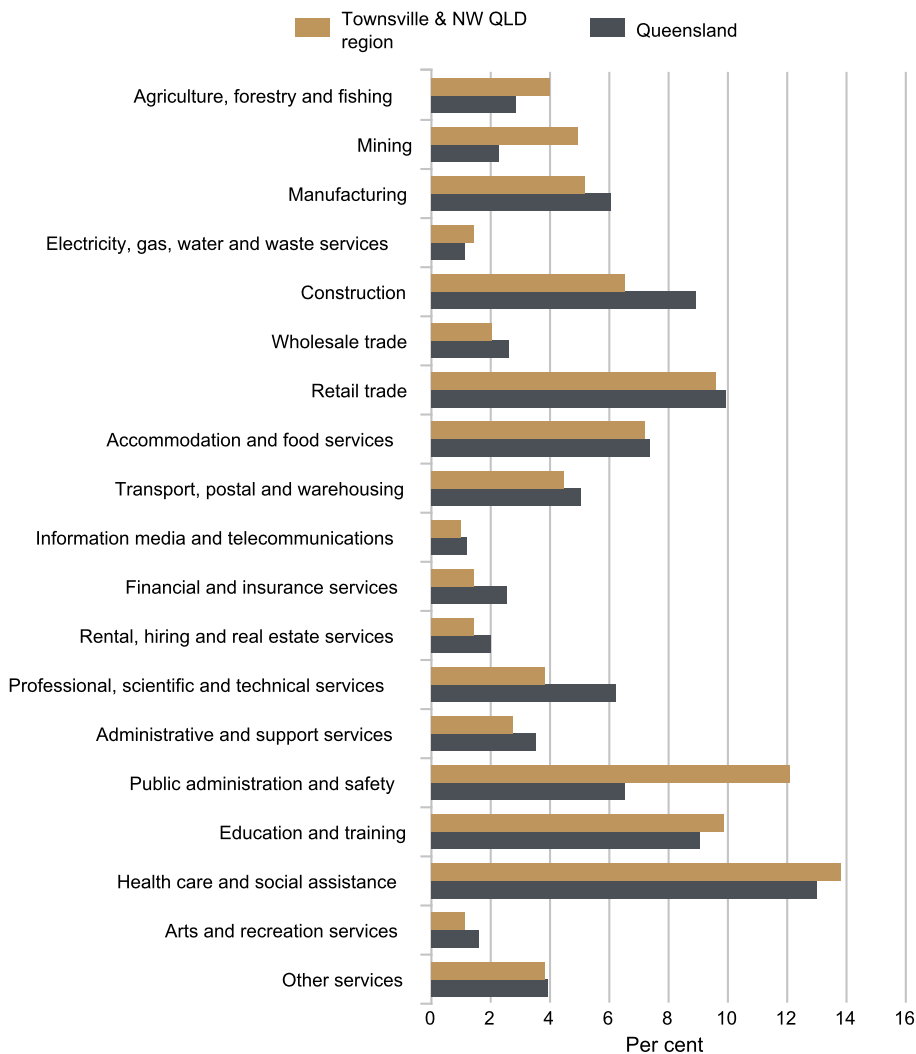
Industry	Townsville & NW QLD region		Queensland		Specialisation ratio
	number	%	number	%	
Agriculture, forestry and fishing	4,610	4.0	60,460	2.8	1.41
Mining	5,693	4.9	48,308	2.3	2.18
Manufacturing	5,978	5.2	128,666	6.0	0.86
Electricity, gas, water and waste services	1,644	1.4	23,806	1.1	1.28
Construction	7,503	6.5	189,766	8.9	0.73
Wholesale trade	2,342	2.0	56,050	2.6	0.77
Retail trade	11,046	9.6	211,506	9.9	0.97
Accommodation and food services	8,280	7.2	156,938	7.4	0.98
Transport, postal and warehousing	5,133	4.5	107,676	5.1	0.88
Information media and telecommunications	1,154	1.0	25,317	1.2	0.84
Financial and insurance services	1,641	1.4	54,230	2.5	0.56
Rental, hiring and real estate services	1,646	1.4	42,545	2.0	0.72
Professional, scientific and technical services	4,394	3.8	132,686	6.2	0.61
Administrative and support services	3,172	2.8	75,300	3.5	0.78
Public administration and safety	13,909	12.1	139,160	6.5	1.85
Education and training	11,361	9.9	192,699	9.0	1.09
Health care and social assistance	15,899	13.8	277,396	13.0	1.06
Arts and recreation services	1,299	1.1	33,784	1.6	0.71
Other services	4,396	3.8	83,385	3.9	0.98
<b>Total<sup>(a)</sup></b>	<b>115,188</b>	<b>100.0</b>	<b>2,130,869</b>	<b>100.0</b>	<b>1.00</b>

Refer to explanatory notes for additional information.

(a) Includes inadequately described and not stated responses.

Source: ABS, *Census of Population and Housing, 2016, Working Population Profile - W09 (place of work)*

**Figure 1 Percentage of workers by industry<sup>(a)</sup>, Townsville & NW QLD region and Queensland, 2016**



(a) Total used to derive percentages includes inadequately described and not stated responses.

Source: ABS, *Census of Population and Housing, 2016, Working Population Profile - W09 (place of work)*

## Industry by hours worked

Industry has been derived from the Working Population Profile from the 2016 Census of Population and Housing data. A person's industry of employment was classified based on responses to a range of questions from the Census. For Census purposes, a person is considered to be working full-time if they worked 35 hours or more in all jobs during the week before Census Night. Data are based on employed persons aged 15 years and over by place of work.

The industry with the highest percentage of full-time workers in Townsville & NW QLD region was:

# Mining (88.8%)

### Townsville & NW QLD region

- Mining industry had the highest percentage of full-time workers (88.8%), followed by Electricity, gas, water and waste services (84.7%)
- Accommodation and food services industry had the highest percentage of part-time workers (59.3%), followed by Retail trade (50.1%)

### Queensland

- Mining industry had the highest percentage of full-time workers (86.1%), followed by Electricity, gas, water and waste services (84.9%)
- Accommodation and food services industry had the highest percentage of part-time workers (58.3%), followed by Retail trade (49.4%)

**Table 4 Industry by hours worked, Townsville & NW QLD region and Queensland, 2016**

Industry	Townsville & NW QLD region					Queensland				
	Full-time		Part-time		Total <sup>(a)</sup>	Full-time		Part-time		Total <sup>(a)</sup>
	number	%	number	%	number	number	%	number	%	number
Agriculture, forestry and fishing	3,684	79.9	708	15.4	4,610	43,190	71.4	14,641	24.2	60,460
Mining	5,053	88.8	198	3.5	5,693	41,576	86.1	3,020	6.3	48,308
Manufacturing	4,997	83.6	778	13.0	5,978	103,365	80.3	21,131	16.4	128,666
Electricity, gas, water and waste services	1,393	84.7	154	9.4	1,644	20,209	84.9	2,581	10.8	23,806
Construction	5,940	79.2	1,293	17.2	7,503	148,047	78.0	34,527	18.2	189,766
Wholesale trade	1,940	82.8	319	13.6	2,342	44,559	79.5	9,872	17.6	56,050
Retail trade	5,049	45.7	5,537	50.1	11,046	98,669	46.7	104,522	49.4	211,506
Accommodation and food services	2,952	35.7	4,909	59.3	8,280	59,114	37.7	91,558	58.3	156,938
Transport, postal and warehousing	3,861	75.2	1,047	20.4	5,133	77,975	72.4	24,155	22.4	107,676
Information media and telecommunications	854	74.0	259	22.4	1,154	18,155	71.7	6,230	24.6	25,317
Financial and insurance services	1,188	72.4	362	22.1	1,641	40,728	75.1	11,148	20.6	54,230
Rental, hiring and real estate services	1,222	74.2	361	21.9	1,646	30,243	71.1	11,001	25.9	42,545
Professional, scientific and technical services	3,101	70.6	1,113	25.3	4,394	93,349	70.4	35,014	26.4	132,686
Administrative and support services	1,718	54.2	1,271	40.1	3,172	38,532	51.2	33,625	44.7	75,300
Public administration and safety	11,428	82.2	1,652	11.9	13,909	108,112	77.7	22,467	16.1	139,160
Education and training	6,317	55.6	4,519	39.8	11,361	102,145	53.0	81,710	42.4	192,699
Health care and social assistance	9,123	57.4	5,802	36.5	15,899	143,723	51.8	117,785	42.5	277,396
Arts and recreation services	623	48.0	574	44.2	1,299	16,355	48.4	15,888	47.0	33,784
Other services	2,890	65.7	1,324	30.1	4,396	51,606	61.9	28,769	34.5	83,385
<b>Total<sup>(b)</sup></b>	<b>75,415</b>	<b>65.5</b>	<b>33,175</b>	<b>28.8</b>	<b>115,188</b>	<b>1,327,368</b>	<b>62.3</b>	<b>692,723</b>	<b>32.5</b>	<b>2,130,869</b>

Refer to explanatory notes for additional information.

(a) Includes workers who did not work any hours in the week prior to Census Night and persons who did not state their hours worked.

(b) Includes inadequately described and not stated responses.

Source: ABS, *Census of Population and Housing, 2016, Working Population Profile - W11 (place of work)*



## Industry by occupation

Industry by occupation has been derived from the Working Population Profile from the 2016 Census of Population and Housing data. A person's industry and occupation of employment were classified based on responses to a range of questions from the Census. Data are based on employed persons aged 15 years and over by place of work.

The highest percentage of workers in blue collar occupations in Townsville & NW QLD region was in the industry:

# Mining (75.3%)

### Townsville & NW QLD region

- The percentage of workers employed in blue collar occupations was highest in the Mining industry (75.3%), followed by the Construction industry (70.8%)
- The percentage of workers employed in white collar occupations was highest in the Financial and insurance services industry (93.1%), followed by the Health care and social assistance industry (91.0%)

### Queensland

- The percentage of workers employed in blue collar occupations was highest in the Construction industry (71.7%), followed by the Mining industry (67.5%)
- The percentage of workers employed in white collar occupations was highest in the Financial and insurance services industry (95.8%), followed by the Education and training industry (92.0%)

**Table 5 Industry by occupation, Townsville & NW QLD region and Queensland, 2016**

Industry	Townsville & NW QLD region					Queensland				
	Blue collar		White collar		Total <sup>(a)</sup>	Blue collar		White collar		Total <sup>(a)</sup>
	number	%	number	%	number	number	%	number	%	number
Agriculture, forestry and fishing	1,907	41.4	2,668	57.9	4,610	25,432	42.1	34,472	57.0	60,460
Mining	4,285	75.3	1,351	23.7	5,693	32,608	67.5	15,155	31.4	48,308
Manufacturing	4,037	67.5	1,878	31.4	5,978	79,171	61.5	48,237	37.5	128,666
Electricity, gas, water and waste services	841	51.2	766	46.6	1,644	12,186	51.2	11,294	47.4	23,806
Construction	5,315	70.8	2,101	28.0	7,503	136,144	71.7	51,872	27.3	189,766
Wholesale trade	921	39.3	1,414	60.4	2,342	18,485	33.0	37,083	66.2	56,050
Retail trade	2,171	19.7	8,835	80.0	11,046	39,618	18.7	170,890	80.8	211,506
Accommodation and food services	3,125	37.7	5,118	61.8	8,280	56,051	35.7	99,931	63.7	156,938
Transport, postal and warehousing	3,170	61.8	1,921	37.4	5,133	57,479	53.4	48,934	45.4	107,676
Information media and telecommunications	360	31.2	760	65.9	1,154	5,824	23.0	19,136	75.6	25,317
Financial and insurance services	72	4.4	1,527	93.1	1,641	1,363	2.5	51,949	95.8	54,230
Rental, hiring and real estate services	272	16.5	1,347	81.8	1,646	5,237	12.3	36,731	86.3	42,545
Professional, scientific and technical services	853	19.4	3,467	78.9	4,394	17,873	13.5	113,742	85.7	132,686
Administrative and support services	1,873	59.0	1,247	39.3	3,172	39,500	52.5	35,116	46.6	75,300
Public administration and safety	3,029	21.8	10,670	76.7	13,909	22,760	16.4	114,100	82.0	139,160
Education and training	995	8.8	10,284	90.5	11,361	14,570	7.6	177,189	92.0	192,699
Health care and social assistance	1,328	8.4	14,471	91.0	15,899	22,983	8.3	252,671	91.1	277,396
Arts and recreation services	263	20.2	1,005	77.4	1,299	7,255	21.5	26,121	77.3	33,784
Other services	2,518	57.3	1,832	41.7	4,396	45,932	55.1	36,843	44.2	83,385
<b>Total<sup>(b)</sup></b>	<b>39,033</b>	<b>33.9</b>	<b>74,436</b>	<b>64.6</b>	<b>115,188</b>	<b>675,068</b>	<b>31.7</b>	<b>1,421,319</b>	<b>66.7</b>	<b>2,130,869</b>

Refer to explanatory notes for additional information.

(a) Includes inadequately described and not stated occupation.

(b) Includes inadequately described and not stated industry.

Source: ABS, *Census of Population and Housing, 2016, Working Population Profile - W12 (place of work)*

## Occupation

Occupation has been derived from the Working Population Profile from the 2016 Census of Population and Housing data. A person's occupation of employment was classified based on responses to a range of questions from the Census. Data are based on employed persons aged 15 years and over by place of work.

### Townsville & NW QLD region

- 17.9% of workers were employed as Professionals
- 14.9% of workers were employed as Technicians and trades workers
- Highest specialisation ratio of 1.24 in Machinery operators and drivers occupation

### Queensland

- 19.9% of workers were employed as Professionals
- 14.2% of workers were employed as Technicians and trades workers

The top five occupation sub-major groups of employment for workers in Townsville & NW QLD region were:

1. Sales assistants and salespersons (6.5%)
2. Health professionals (5.4%)
3. Carers and aides (5.1%)
4. Education professionals (4.7%)
5. Automotive and engineering trades workers (4.6%)

**Table 6 Occupation, Townsville & NW QLD region and Queensland, 2016**

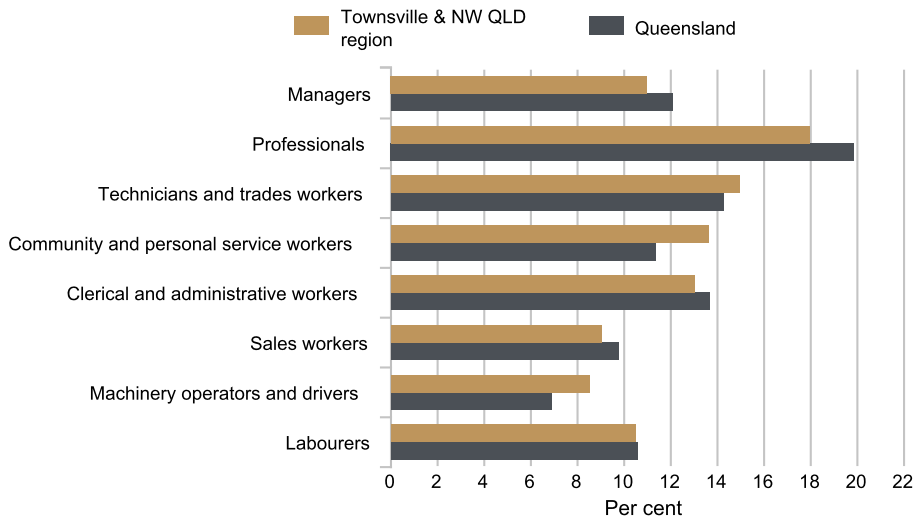
Occupation	Townsville & NW QLD region		Queensland		Specialisation ratio
	number	%	number	%	
Managers	12,646	11.0	257,478	12.1	0.91
Professionals	20,672	17.9	423,068	19.9	0.90
Technicians and trades workers	17,191	14.9	303,471	14.2	1.05
Community and personal service workers	15,705	13.6	242,024	11.4	1.20
Clerical and administrative workers	15,013	13.0	291,171	13.7	0.95
Sales workers	10,400	9.0	207,578	9.7	0.93
Machinery operators and drivers	9,786	8.5	146,529	6.9	1.24
Labourers	12,056	10.5	225,068	10.6	0.99
<b>Total<sup>(a)</sup></b>	<b>115,188</b>	<b>100.0</b>	<b>2,130,869</b>	<b>100.0</b>	<b>1.00</b>

Refer to explanatory notes for additional information.

(a) Includes inadequately described and not stated responses.

Source: ABS, *Census of Population and Housing, 2016, Working Population Profile - W13 (place of work)*

**Figure 2 Percentage of workers by occupation<sup>(a)</sup>, Townsville & NW QLD region and Queensland, 2016**



(a) Total used to derive percentages includes inadequately described and not stated responses.

Source: ABS, *Census of Population and Housing, 2016, Working Population Profile - W13 (place of work)*

## Occupation by total personal income

Occupation by total personal income has been derived from the Working Population Profile from the 2016 Census of Population and Housing data. A person's occupation of employment was classified based on responses to a range of questions from the Census. Data are based on employed persons aged 15 years and over by place of work.

The highest total personal income range for workers with blue collar occupations in Townsville & NW QLD region was:

**\$41,600–\$51,599 per year (14.2%)**

### Townsville & NW QLD region

- The highest total personal income range for persons employed in blue collar occupations was \$41,600–\$51,599 per year (14.2%)
- The highest total personal income range for persons employed in white collar occupations was \$78,000–\$103,999 per year (15.4%)

### Queensland

- The highest total personal income range for persons employed in blue collar occupations was \$41,600–\$51,599 per year (15.8%)
- The highest total personal income range for persons employed in white collar occupations was \$78,000–\$103,999 per year (14.7%)

**Table 7 Occupation by total personal income, Townsville & NW QLD region and Queensland, 2016**

Total personal income (yearly)	Townsville & NW QLD region					Queensland				
	Blue collar		White collar		Total <sup>(a)</sup>	Blue collar		White collar		Total <sup>(a)</sup>
	number	%	number	%	number	number	%	number	%	number
Negative/Nil income	300	0.8	622	0.8	980	4,483	0.7	11,527	0.8	17,285
\$1–\$7,799	1,232	3.2	2,883	3.9	4,224	21,430	3.2	52,113	3.7	74,735
\$7,800–\$15,599	1,332	3.4	2,868	3.9	4,268	24,921	3.7	56,419	4.0	82,737
\$16,000–\$20,799	1,418	3.6	2,779	3.7	4,302	30,534	4.5	59,023	4.2	91,253
\$20,800–\$33,799	5,425	13.9	9,408	12.6	15,017	103,108	15.3	187,695	13.2	295,065
\$33,800–\$41,599	4,539	11.6	7,536	10.1	12,227	89,147	13.2	145,550	10.2	237,917
\$41,600–\$51,599	5,524	14.2	9,024	12.1	14,751	106,698	15.8	168,655	11.9	279,175
\$52,000–\$64,999	5,460	14.0	10,205	13.7	15,891	99,690	14.8	184,980	13.0	288,453
\$65,400–\$77,999	3,875	9.9	8,108	10.9	12,182	60,598	9.0	137,385	9.7	200,540
\$78,000–\$103,999	4,977	12.8	11,464	15.4	16,729	72,658	10.8	209,250	14.7	285,273
\$104,000 or more	4,206	10.8	8,342	11.2	12,731	50,632	7.5	191,220	13.5	244,876
<b>Total<sup>(b)</sup></b>	<b>39,033</b>	<b>100.0</b>	<b>74,436</b>	<b>100.0</b>	<b>115,188</b>	<b>675,068</b>	<b>100.0</b>	<b>1,421,319</b>	<b>100.0</b>	<b>2,130,869</b>

Refer to explanatory notes for additional information.

(a) Includes inadequately described and not stated occupation.

(b) Includes inadequately described and not stated income.

Source: ABS, *Census of Population and Housing, 2016, Working Population Profile - W17 (place of work)*

## Method of travel to work

The method of travel to work has been derived from the Working Population Profile from the 2016 Census of Population and Housing data. The method of travel to work variable records up to three travel methods used to get to work on the day of the Census. Data are based on employed persons aged 15 years and over by place of work.

The percentage of workers with only one method of travel to work in Townsville & NW QLD region who travelled by train, bus or ferry was

# 1.2%

### Townsville & NW QLD region

- The percentage of workers with only one method of travel who travelled by train, bus or ferry was 1.2%
- The percentage of workers with only one method of travel who travelled by car was 74.5%
- The percentage of workers with only one method of travel who travelled by bicycle or walked only was 5.8%

### Queensland

- The percentage of workers with only one method of travel who travelled by train, bus or ferry was 5.0%
- The percentage of workers with only one method of travel who travelled by car was 69.6%
- The percentage of workers with only one method of travel who travelled by bicycle or walked only was 4.3%

**Table 8 Method of travel to work, Townsville & NW QLD region and Queensland, 2016**

Method of Travel to Work	Townsville & NW QLD region		Queensland	
	number	%	number	%
<b>One method:</b>				
Train	50	0.0	42,111	2.0
Bus	1,327	1.2	61,312	2.9
Ferry	59	0.1	2,939	0.1
Taxi	230	0.2	3,500	0.2
Car	85,832	74.5	1,482,299	69.6
Truck	972	0.8	19,934	0.9
Motorbike scooter	1,369	1.2	19,648	0.9
Bicycle	1,572	1.4	21,659	1.0
Other <sup>(a)</sup>	1,134	1.0	16,396	0.8
Walked only	5,093	4.4	69,735	3.3
<b>Total one method</b>	<b>97,623</b>	<b>84.8</b>	<b>1,739,531</b>	<b>81.6</b>
<b>Two methods:</b>				
<b>Train and:</b>				
Bus	20	0.0	7,136	0.3
Ferry	0	0.0	67	0.0
Car	14	0.0	14,213	0.7
Other <sup>(a)</sup>	6	0.0	1,028	0.0
<b>Total</b>	<b>45</b>	<b>0.0</b>	<b>22,435</b>	<b>1.1</b>
<b>Bus and:</b>				
Ferry	3	0.0	813	0.0
Car	148	0.1	7,750	0.4
Other <sup>(a)</sup>	46	0.0	1,591	0.1
<b>Total</b>	<b>197</b>	<b>0.2</b>	<b>10,146</b>	<b>0.5</b>
Other two methods	900	0.8	15,516	0.7
<b>Total two methods</b>	<b>1,158</b>	<b>1.0</b>	<b>48,098</b>	<b>2.3</b>
Three methods	170	0.1	6,659	0.3
Worked at home/Did not go to work	15,164	13.2	317,739	14.9
<b>Total<sup>(b)</sup></b>	<b>115,188</b>	<b>100.0</b>	<b>2,130,869</b>	<b>100.0</b>

Refer to explanatory notes for additional information.

(a) Includes tram (including light rail).

(b) Includes method of travel to work not stated.

Source: ABS, *Census of Population and Housing, 2016, Working Population Profile - W22 (place of work)*

## Journey to work

Journey to work data has been derived from unpublished 2016 Census of Population and Housing data and records the usual residence of a person and where they worked. This topic looks at those working in Townsville & NW QLD region and the top five places of residence where these people have travelled from.

### Townsville & NW QLD region

- 8.7% of workers in Townsville & NW QLD region commuted from Deeragun SA2
- 69.5% of workers in Townsville & NW QLD region commuted from Townsville SA3

The percentage of workers that commuted into Townsville & NW QLD region was

**not available**

**Table 9 Top five usual resident SA2s, Townsville & NW QLD region, 2016**

Top five usual resident SA2s	Townsville & NW QLD region	
	number	%
Deeragun	10,001	8.7
Mount Isa	8,685	7.6
Kirwan - West	7,198	6.3
Annandale	4,841	4.2
Townsville City - North Ward	4,544	4.0
Other <sup>(a)</sup>	79,157	69.2
<b>Total</b>	<b>114,426</b>	<b>100.0</b>

Refer to explanatory notes for additional information.

(a) Includes other SA2s within Australia as well as inadequately described and not stated responses.

Source: ABS Census of Population and Housing, Working Population Profile, unpublished data and Queensland Treasury estimates

**Table 10 Top five usual resident SA3s, Townsville & NW QLD region, 2016**

Top five usual resident SA3s	Townsville & NW QLD region	
	number	%
Townsville	79,976	69.5
Charters Towers - Ayr - Ingham	15,989	13.9
Outback - North	13,344	11.6
New South Wales (all SA3)	746	0.6
Victoria (all SA3)	448	0.4
Other <sup>(a)</sup>	4,541	3.9
<b>Total</b>	<b>115,044</b>	<b>100.0</b>

Refer to explanatory notes for additional information.

(a) Includes other SA3s within Australia as well as inadequately described and not stated responses.

Source: ABS Census of Population and Housing, Working Population Profile, unpublished data and Queensland Treasury estimates

# Industry and development

## Business counts by employment size

Information on counts of registered businesses is produced by the ABS and presents counts of businesses sourced from the Australian Bureau of Statistics Business Register (ABSBR). Data are updated annually with a release approximately 9 months after the reporting period. The next planned update is in March 2019.

The number of businesses in Townsville & NW QLD region in 2016–17 was

# 18,956 businesses

### Townsville & NW QLD region

- 5,074 businesses (or 26.8%) employed 1 to 4 employees in 2016–17
- Within the region, Mornington (S) LGA had the highest percentage of businesses employing 1 to 4 employees with 100.0%
- Within the region, Burke (S) LGA had the highest percentage of businesses employing 20 to 199 employees with 6.3%

### Queensland

- 114,500 businesses (or 26.2%) employed 1 to 4 employees in 2016–17

**Table 11 Registered businesses by employment size and LGA, Townsville & NW QLD region and Queensland, 2016–17**

Custom region / LGA / State	Non-employing		1–4 employees		5–19 employees		20–199 employees		200+ employees		Total number
	number	%	number	%	number	%	number	%	number	%	
<b>Townsville &amp; NW QLD region</b>	<b>11,089</b>	<b>58.5</b>	<b>5,074</b>	<b>26.8</b>	<b>2,283</b>	<b>12.0</b>	<b>486</b>	<b>2.6</b>	<b>6</b>	<b>0.0</b>	<b>18,956</b>
Boulia (S)	12	44.4	10	37.0	5	18.5	0	0.0	0	0.0	27
Burdekin (S)	1,338	61.1	565	25.8	233	10.6	50	2.3	0	0.0	2,191
Burke (S)	24	50.0	12	25.0	4	8.3	3	6.3	0	0.0	48
Carpentaria (S)	107	62.9	26	15.3	26	15.3	9	5.3	0	0.0	170
Charters Towers (R)	728	63.4	297	25.9	106	9.2	15	1.3	0	0.0	1,148
Cloncurry (S)	175	56.3	86	27.7	34	10.9	13	4.2	0	0.0	311
Doomadgee (S)	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	5
Flinders (S)	239	70.7	76	22.5	23	6.8	0	0.0	0	0.0	338
Hinchinbrook (S)	870	63.0	380	27.5	115	8.3	12	0.9	0	0.0	1,380
McKinlay (S)	75	64.7	35	30.2	9	7.8	0	0.0	0	0.0	116
Mornington (S)	0	0.0	3	100.0	3	100.0	0	0.0	0	0.0	3
Mount Isa (C)	545	54.4	261	26.0	159	15.9	38	3.8	0	0.0	1,002
Palm Island (S)	7	63.6	3	27.3	3	27.3	0	0.0	0	0.0	11
Richmond (S)	130	66.0	45	22.8	22	11.2	0	0.0	0	0.0	197
Townsville (C)	6,839	56.9	3,275	27.3	1,541	12.8	346	2.9	6	0.0	12,009
<b>Queensland</b>	<b>270,595</b>	<b>61.8</b>	<b>114,500</b>	<b>26.2</b>	<b>41,478</b>	<b>9.5</b>	<b>10,442</b>	<b>2.4</b>	<b>626</b>	<b>0.1</b>	<b>437,640</b>

Refer to explanatory notes for additional information.

Source: ABS 8165.0, *Counts of Australian Businesses, including Entries and Exits*, various editions

## Business counts by turnover range

Information on counts of registered businesses is produced by the ABS and presents counts of businesses sourced from the Australian Bureau of Statistics Business Register (ABSBR). Data are updated annually with a release approximately 9 months after the reporting period. The next planned update is in March 2019.

The percentage of businesses with a turnover range of \$2 million or more in Townsville & NW QLD region in 2016–17 was

# 6.2%

### Townsville & NW QLD region

- 1,172 businesses (or 6.2%) with a turnover range of \$2 million or more in 2016–17
- Within the region, Townsville (C) LGA had the largest number of businesses with a turnover range of \$2 million or more with 767

### Queensland

- 27,985 businesses (or 6.4%) with a turnover range of \$2 million or more in 2016–17

**Table 12 Registered businesses by turnover range and LGA, Townsville & NW QLD region and Queensland, 2016–17**

Custom region / LGA / State	\$0 to less than \$100k		\$100k to less than \$500k		\$500k to less than \$2m		\$2m or more		Total number
	number	%	number	%	number	%	number	%	
<b>Townsville &amp; NW QLD region</b>	<b>6,800</b>	<b>35.9</b>	<b>7,646</b>	<b>40.3</b>	<b>3,339</b>	<b>17.6</b>	<b>1,172</b>	<b>6.2</b>	<b>18,956</b>
Boulia (S)	3	11.1	18	66.7	6	22.2	0	0.0	27
Burdekin (S)	620	28.3	1,004	45.8	459	20.9	103	4.7	2,191
Burke (S)	14	29.2	22	45.8	13	27.1	4	8.3	48
Carpentaria (S)	54	31.8	79	46.5	25	14.7	22	12.9	170
Charters Towers (R)	460	40.1	423	36.8	197	17.2	66	5.7	1,148
Cloncurry (S)	82	26.4	113	36.3	81	26.0	33	10.6	311
Doomadgee (S)	0	0.0	0	0.0	0	0.0	0	0.0	5
Flinders (S)	119	35.2	130	38.5	67	19.8	20	5.9	338
Hinchinbrook (S)	434	31.4	658	47.7	244	17.7	45	3.3	1,380
McKinlay (S)	29	25.0	54	46.6	23	19.8	9	7.8	116
Mornington (S)	0	0.0	6	200.0	0	0.0	0	0.0	3
Mount Isa (C)	370	36.9	363	36.2	185	18.5	88	8.8	1,002
Palm Island (S)	6	54.5	3	27.3	3	27.3	3	27.3	11
Richmond (S)	66	33.5	72	36.5	51	25.9	12	6.1	197
Townsville (C)	4,543	37.8	4,701	39.1	1,985	16.5	767	6.4	12,009
<b>Queensland</b>	<b>175,519</b>	<b>40.1</b>	<b>168,611</b>	<b>38.5</b>	<b>65,531</b>	<b>15.0</b>	<b>27,985</b>	<b>6.4</b>	<b>437,640</b>

Refer to explanatory notes for additional information.

Source: ABS 8165.0, *Counts of Australian Businesses, including Entries and Exits*, various editions



## Business counts by industry

Information on counts of registered businesses is produced by the ABS and presents counts of businesses sourced from the Australian Bureau of Statistics Business Register (ABSBR). Data are updated annually with a release approximately 9 months after the reporting period. The next planned update is in March 2019.

The industry with the largest number of registered businesses in Townsville & NW QLD region in 2016–17 was

**Agriculture, forestry and fishing (17.9%)**

### Townsville & NW QLD region

- 17.9% of businesses in Agriculture, forestry and fishing industry in 2016–17
- 17.1% of businesses in Construction industry
- Highest specialisation ratio of 1.90 in Agriculture, forestry and fishing industry

### Queensland

- 17.2% of businesses in Construction industry in 2016–17
- 11.6% of businesses in Rental, hiring and real estate services industry

**Table 13 Registered businesses by industry, Townsville & NW QLD region and Queensland, 2016–17**

Industry	Townsville & NW QLD region		Queensland		Specialisation ratio
	number	%	number	%	
Agriculture, forestry and fishing	3,396	17.9	41,270	9.4	1.90
Mining	129	0.7	1,858	0.4	1.60
Manufacturing	601	3.2	16,377	3.7	0.85
Electricity, gas, water and waste services	49	0.3	1,250	0.3	0.91
Construction	3,239	17.1	75,183	17.2	0.99
Wholesale trade	372	2.0	13,317	3.0	0.64
Retail trade	1,128	6.0	25,034	5.7	1.04
Accommodation and food services	843	4.4	17,675	4.0	1.10
Transport, postal and warehousing	1,231	6.5	27,734	6.3	1.02
Information media and telecommunications	81	0.4	3,176	0.7	0.59
Financial and insurance services	1,067	5.6	36,225	8.3	0.68
Rental, hiring and real estate services	1,858	9.8	50,682	11.6	0.85
Professional, scientific and technical services	1,374	7.2	48,083	11.0	0.66
Administrative and support services	633	3.3	17,074	3.9	0.86
Public administration and safety	54	0.3	1,343	0.3	0.93
Education and training	231	1.2	6,006	1.4	0.89
Health care and social assistance	1,168	6.2	24,844	5.7	1.09
Arts and recreation services	162	0.9	4,979	1.1	0.75
Other services	1,152	6.1	20,395	4.7	1.30
Not classified	190	1.0	5,149	1.2	0.85
<b>Total<sup>(a)</sup></b>	<b>18,956</b>	<b>100.0</b>	<b>437,640</b>	<b>100.0</b>	<b>1.00</b>

Refer to explanatory notes for additional information.

(a) Includes inadequately described and not stated responses.

Source: ABS 8165.0, *Counts of Australian Businesses, including Entries and Exits*, various editions

# Abbreviations

..	not applicable
\$k	thousand dollars
\$m	million dollars
ABS	Australian Bureau of Statistics
ASGS	Australian Statistical Geography Standard
(C)	City
LGA	local government area
n.a.	not available
R	Regional Council
S	Shire
SA2	Statistical Area Level 2
SA3	Statistical Area Level 3

# Explanatory notes

## Profile explanatory notes

### Australian Statistical Geography Standard (ASGS)

A geographical framework covering all spatial areas of Australia and its external territories. The ASGS was developed by the Australian Bureau of Statistics (ABS) to allow statistics from different collections to be spatially comparable. The ASGS replaced the Australian Standard Geographical Classification (ASGC).

### Blue collar

Defined as occupation groups: Technicians and Trades Workers, Machinery Operators and Drivers, and Labourers.

### Industry

Based on Australian and New Zealand Standard Industrial Classification (ANZSIC), 2006 edition, revision 2 published in 2013.

### Industry Subdivision

The industry subdivision refers to the 2-digit industry classification from the Australian and New Zealand Standard Industrial Classification (ANZSIC), 2006 edition, revision 2 published in 2013.

### Local government area (LGA)

A geographical area under the responsibility of a local government council or an Indigenous government council. There are 78 LGAs in Queensland.

### Occupation

Based on Australian and New Zealand Standard Classification of Occupations (ANZSCO), 2006 edition, version 1.2 released in 2013.

### Occupation sub-major group

The occupation sub-major group refers to the 2-digit occupation classification from the Australian and New Zealand Standard Classification of Occupations (ANZSCO), 2006 edition, version 1.2 released in 2013.

### Queensland

Queensland figures include the 'Migratory - Offshore - Shipping' and 'No Usual Address' counts.

### Region overview

Statistics in the profile overview have been derived from data sourced to the Bureau of Meteorology and aggregated to administrative boundaries.

### Rounding

Figures are rounded to nearest whole number. Calculations (such as percentages and rates) are based on pre-rounded figures.

**Specialisation ratio**

The ratio of the percentage for the Townsville & NW QLD region to the percentage for Queensland. A specialisation ratio above 1.00 indicates Townsville & NW QLD region has a larger share for that category than in Queensland. Similarly a specialisation ratio below 1.00 indicates Townsville & NW QLD region has a smaller share for that category than in Queensland.

**Statistical Area Level 2**

Statistical Area Level 2s (SA2s) (2016) are small areas, approximately suburb size, with a population range of between 3,000 to 25,000 persons, and have an average population of about 10,000 persons. There are 528 SA2 regions that cover the state.

**Statistical Area Level 3**

Statistical Area Level 3s (SA3s) (2016) are aggregations of SA2s areas, and designed to have populations between 30,000 and 130,000 persons. There are 82 SA3 regions that cover the state.

**White collar**

Defined as occupation groups: Managers, Professionals, Community and Personal Service Workers, Clerical and Administrative Workers and Sales Workers.

**Workers**

The term 'workers' has been used throughout this report to describe employed persons counted in the location of where they worked.

## Topic explanatory notes

**Business counts**

It is not currently possible to account for those businesses which operate out of multiple locations, other than at their main location. This is particularly relevant for larger businesses, which commonly establish outlets in several or all states and many regions across Australia. The reason for this is that data pertaining to individual business locations are not currently available from the Australian Bureau of Statistics Business Register. Users should therefore be aware of this limitation when using counts of businesses included in this table.

Due to the process of confidentialisation applied by the ABS, discrepancies may occur between the sums of the component items and total (see paragraph 50 of ABS cat. no. 8165.0 explanatory notes for more information).

**Business counts by industry**

Based on Australian and New Zealand Standard Industrial Classification (ANZSIC), 2006 edition.

The 'Not classified' industry division is accurate at the time of release of data. Further refinements to this group will be made in subsequent releases, but will not be reflected in these counts.

**Total personal income**

Median total personal income estimates have been calculated by Queensland Treasury using income data provided by the ABS.